

03-08-13 LETTING ITEM 069

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 330: US 45 (LAGRANGE ROAD)
131ST STREET TO 159TH STREET
SECTION: 2012-088-1

PROJECT: NHF-0330(072)
(ADVANCE CONTRACT) MEDIAN REMOVAL,
TEMPORARY PAVMENT, BOX CULVERT & TREE REMOVAL
E COOK COUNTY
C-91-169-13

F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-088-1	COOK	*152	1
ILLINOIS			CONTRACT NO. 60W09	

*152-7=145
D-91-436-12 *145+1=146

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION:

US 45 (LAGRANGE ROAD): 2550 (20) OTHER PRINCIPAL ARTERIAL AND STRATEGIC REGIONAL ARTERIAL (SRA) - CLASS II TRUCK ROUTE 11.85 (JPCP-20)

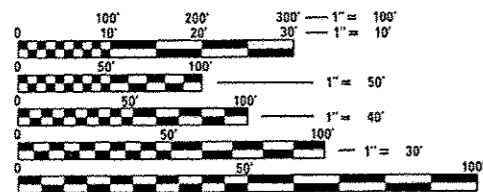
131ST STREET: 620 (20) MINOR ARTERIAL 8.68 (FD-20)
135TH STREET: 450 (20) MINOR ARTERIAL 8.68 (FD-20)
CREEK ROAD: 2200 (12) LOCAL (RESIDENTIAL) 8.68 (FD-20)

DESIGN TRAFFIC DATA:

US 45 (LAGRANGE ROAD) = 45 MPH
ADT = 47,000 (2000, 143RD ST TO 135TH ST)
ADT = 52,000 (2000, 135TH ST TO 131ST ST)
ADT = 52,000 (2030, 143RD ST TO 135TH ST)
ADT = 57,000 (2030, 135TH ST TO 131ST ST)
131ST STREET = 45 MPH
MHV = 3,893 (2000)
135TH STREET = 45 MPH
MHV = 3,695 (2000)
CREEK RD = 35 MPH



Rajendra Shah
Sheets 136, 139-145
Dec 20, 2012

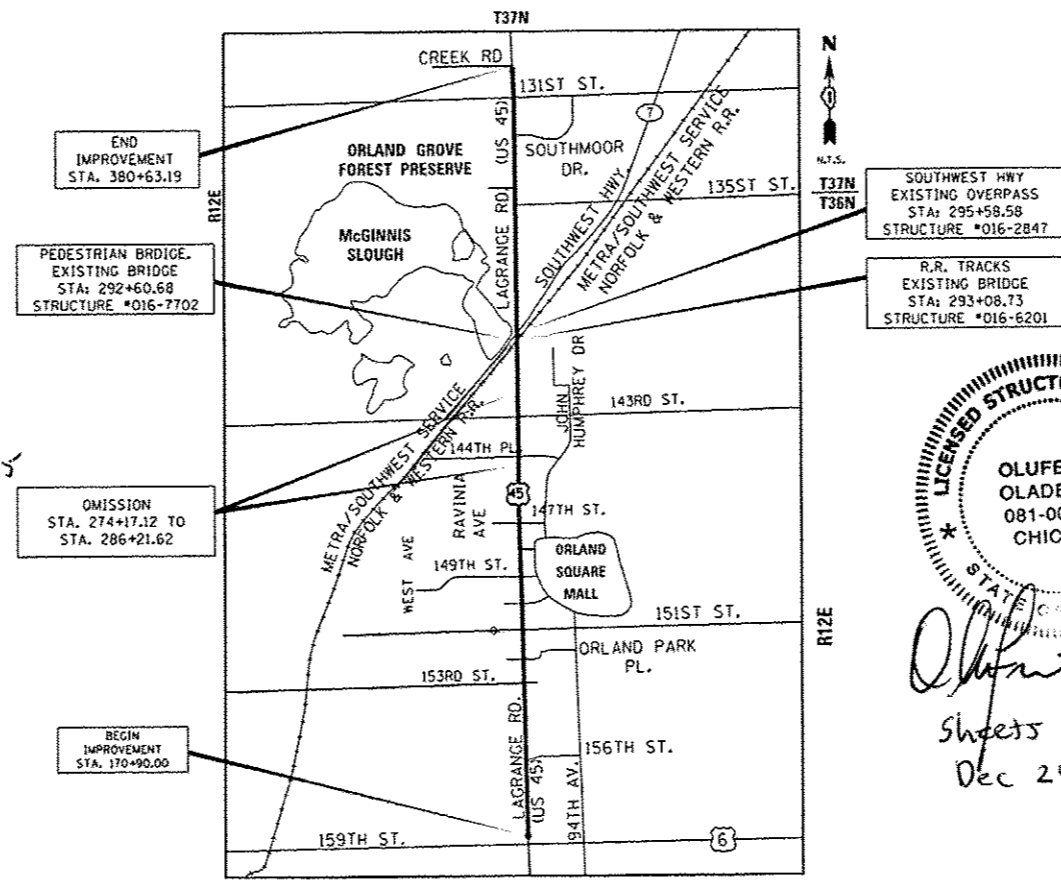


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT MANAGER: RAJENDRA SHAH
1-847-705-4555

CONTRACT NO. 60W09



ORLAND TOWNSHIP
GROSS LENGTH = 19,768.84 FT. = 3.744 MILE
NET LENGTH = 19,768.84 FT. = 3.744 MILE



Olufemi A. Oladeinde
Sheets 137-138
Dec 20, 2012

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED December 21, 2012
John Fortmann
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Feb 1, 2013
John D. Baranowski P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
Feb 1, 2013
Amer Osman P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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

INDEX OF SHEETS

SHEET NO.	DRAWING NO.	DESCRIPTION
1	CV-01	COVER SHEET
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3	GN-01	GENERAL NOTES
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7-9	TS-01 to TS-08	TYPICAL SECTIONS
10-20	AT-01 to AT-11	ALIGNMENTS, TIES AND BENCHMARKS
21-25	MN-01 to MN-04	MAINTENANCE OF TRAFFIC AT MARLEY CREEK
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96-132	PM-01 to PM-37	PAVEMENT MARKING PLAN
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* 139-152	DT-01 to DT-07	DISTRICT 1 DETAILS

150 DELETED
133-138 DELETED

HIGHWAY STANDARDS

STANDARD NO.	TITLE
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
602401-03	MANHOLE, TYPE A
602406-05	MANHOLE, TYPE A, 6' (1.8 M) DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
643001-01	SAND MODULE IMPACT ATTENUATORS
666001-01	RIGHT-OF-WAY MARKERS
701101-03	OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-01	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 40 MPH
701602-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-08	LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701701-08	LANE CLOSURE, MULTILANE, INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER

INDEX OF DISTRICT ONE DETAILS (PLAN SHEETS 139-152)

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BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	FRAMES AND LIDS ADJUSTMENT WITH/WITHOUT MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-29	CONCRETE BARRIER WALL & PIER SLOPE WALL PROTECTION DETAIL
BD-32	BUTT JOINTS AND HMA TAPER
BD-33	HMA TAPER AT EDGE OF PCC PAVEMENT
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURNBAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

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Rev.

FILE NAME: D:\60409-SHT-INDEX.dgn	USER NAME: Anthony.Plutz	DESIGNED - MJT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND HIGHWAY STANDARDS	F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 2		
SHT_PLAN	PLOT SCALE: 2.8888' / in.	CHECKED -	REVISED -			IS-01		CONTRACT NO. 60W09		ILLINOIS FED. AID PROJECT		
	PLOT DATE: 1/18/2013	DATE: 01/02/13	REVISED -			SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA. TO STA.				
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GENERAL NOTES:

1. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
2. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 72 HOURS IN ADVANCE OF SELECTIVE CLEARING WORK TO ASSIST WITH MARKING OF TREES TO BE SAVED.
5. ONLY THOSE TREES DESIGNATED BY THE ENGINEER, LISTED IN THE TREE REMOVAL SCHEDULE, OR SHOWN IN THE PLANS SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
6. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE VERIFIED BY THE CONTRACTOR AS PER ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS. LOCATING UTILITIES AS AUTHORIZED BY THE ENGINEER IN WRITING SHALL BE PAID PER ARTICLE 109.04.
7. WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
8. THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
10. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR ANY AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
11. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
12. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
13. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

14. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
15. ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
16. THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
17. THE CONTRACTOR SHALL MAINTAIN EXISTING STREET ACCESS, AND EXISTING DRIVEWAY ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT, UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE ITEM OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
18. THE CONTRACTOR SHALL MAINTAIN ANY BUS STOPS ENCOUNTERED WITHIN THE PROJECT AREA WITH AT LEAST A HARD SURFACE FOR WAITING AND A PAD FOR BOARDING & ALIGNING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH PACE AND OTHER BUS SERVICES THE MAINTAINING OF THE BUS STOPS ALONG THE CONSTRUCTION ROUTE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COSTS SHALL BE CONSIDERED AS INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
19. SAWING OF REMOVAL ITEMS AS NOTED ON THE PLANS, SPECIFIED IN THE STANDARD SPECIFICATIONS, OR AS REQUIRED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED
20. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT
21. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
22. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
23. THIS PROJECT REQUIRES AN US ARMY CORPS OF ENGINEERS 404 PERMIT. THE PERMIT ISSUED TO THE DEPARTMENT DOES NOT COVER THE IN STREAM WORK BY THE CONTRACTOR. THEREFORE AFTER AWARD, THE CONTRACTOR WILL NEED TO SUBMIT THE WORK PLAN TO THE CORPS. THE CORPS WILL NOT BE PROVIDING AN APPROVAL UNLESS STATED OTHERWISE IN THE PERMIT AND IN STREAM WORK CAN COMMENCE AT THE CONTRACTOR'S DISCRETION. GUIDELINES ON ACCEPTABLE IN STREAM WORK TECHNIQUES CAN BE FOUND ON THE CORPS WEB SITE: [HTTP://WWW.LRC.USACE.ARMY.MIL/](http://www.lrc.usace.army.mil/)
24. THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES AND CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS.

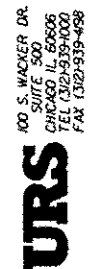
IN-STREAM WORK AREA NOTES

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

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FILE NAME : D160W09-SHT-GENNOTE.dgn	USER NAME : Anthony.Plutz	DESIGNED - BA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND COMMITMENTS	F.A.P. RTE. 330	SECTION 2012-08B1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 3		
SHT_PLAN	PLOT SCALE : 28.8000' / 1"	CHECKED -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	GN-01 CONTRACT NO. 60W09		
	PLOT DATE : 1/18/2013	DATE - 01/02/13	REVISED -			ILLINOIS FED. AID PROJECT						
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	URBAN
				<i>80% FED. / 20% STATE</i>	
				<i>0005</i>	
				URBAN	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1105	1105	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	352	352	
20100500	TREE REMOVAL, ACRES	ACRE	2	2	
20200100	EARTH EXCAVATION	CU YD	1864	1864	
20700220	POROUS GRANULAR EMBANKMENT	CU YD	220	220	
20800150	TRENCH BACKFILL	CU YD	2069	2069	
44000100	PAVEMENT REMOVAL	SQ YD	594	594	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	27748	27748	
44003100	MEDIAN REMOVAL	SQ FT	115674	115674	
50102400	CONCRETE REMOVAL	CU YD	4	4	
50200100	STRUCTURE EXCAVATION	CU YD	590	590	
54010906	PRECAST CONCRETE BOX CULVERTS 9' X 6'	FOOT	96	96	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	81	81	
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	159	159	

FILE NAME * D:\60489-SHT-500.dgn	USER NAME * Anthony.Plutz	DESIGNED -	REVISED -
SHT-PLAN	PLOT SCALE * 1/8"=1'-0"	DRAWN -	REVISED -
DTW097-SHT-500.dgn 1/18/2013 11:31:38 AM	PLOT DATE * 1/18/2013	CHECKED -	REVISED -
		DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 4
CONTRACT NO. 60W09			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	URBAN
				80% FED. / 20% STATE	000.5
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1907	1907	
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	573	573	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	635	635	
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	358	358	
55100500	STORM SEWER REMOVAL 12"	FOOT	50	50	
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	58	58	
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	19	19	
60255500	MANHOLES TO BE ADJUSTED	EACH	11	11	
60260100	INLETS TO BE ADJUSTED	EACH	1	1	
60500050	REMOVING CATCH BASINS	EACH	5	5	
* 63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	50	50	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1400	1400	
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1	

* Specialty Items

FILE NAME = 0160409-SHT-500.dgn	USER NAME = Anthony.Pluta	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SHT_PLAN	PLOT SCALE = 1/8"=1'-0"	DRAWN -	REVISED -						330	2012-0881	COOK	152	5
DTG:\W09-SHT-500.dgn 1/18/2013 1:05:00 PM	PLOT DATE = 1/18/2013	CHECKED -	REVISED -		SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.				CONTRACT NO. 60W09				
	DATE = 01/02/13	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	URBAN
				<i>80% FED. / 20% STATE</i>	
				<i>0005</i>	
				URBAN	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3	
* 66901000	BACKFILL PLUGS	CU YD	30	30	
67100100	MOBILIZATION	L SUM	1	1	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	4	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	67103	67103	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2607	2607	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	300	300	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	300	300	
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4	4	
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4	4	
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	156	156	
X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	15815	15815	
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	3	3	

** Specialty Items*

FILE NAME = D160WB9-SHT-500.dgn	USER NAME = Anthony.Plutz	DESIGNED - DRAWN -	REVISED - REVISED -
SHT_PLAN	PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -
D160WB9-SHT-500.dgn 1/18/2013 11:31:18 AM	PLOT DATE = 1/18/2013	DATE = 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 6
CONTRACT NO. 60W09			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	URBAN
				80% FED. / 20% STATE	0005
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	13230		13230
Z0004554	BARRIER MEDIAN REMOVAL	SQ FT	14427		14427
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1
Z0026407	TEMPORARY SHEET PILING	SQ FT	1008		1008
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	701		701
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	158		158
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	111		111
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	46		46
Z0062456	TEMPORARY PAVEMENT	SQ YD	25531		25531
Z0064800	SELECTIVE CLEARING	UNIT	16		16
Z0073500	TEMPORARY SUPPORT SYSTEM	L SUM	1		1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701600	L SUM	1		1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1		1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		1

FILE NAME = 0160W09-SHT-500.dgn
SHT_PLAN
0160W09-SHT-SQQ.dgn 1/18/2013 11:30:11 AM

USER NAME = Anthony.Plutz
DESIGNED -
DRAWN -
CHECKED -
DATE - 01/02/13

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

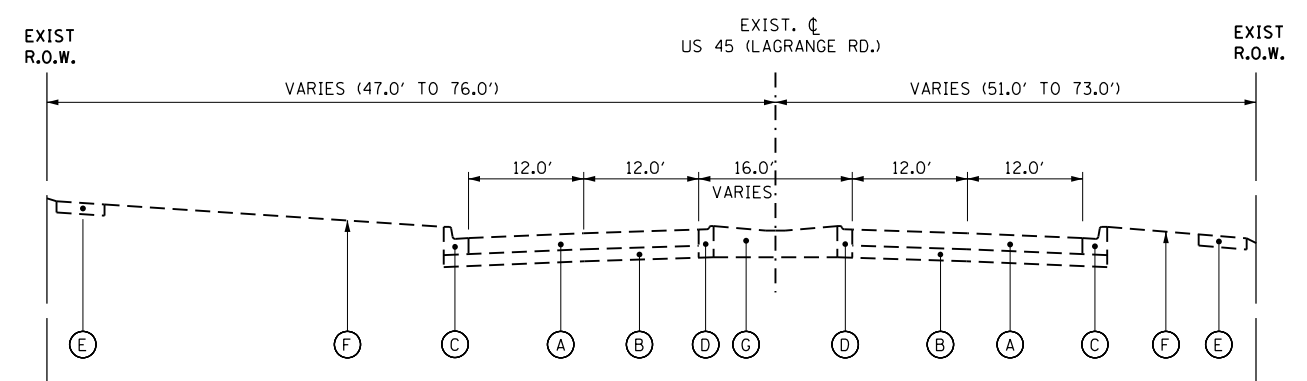
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	6A
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W09	

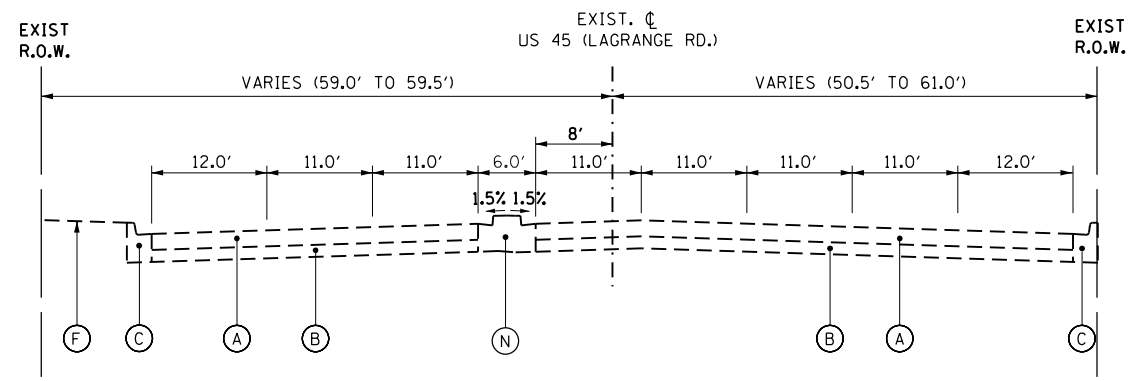
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EXISTING LEGEND

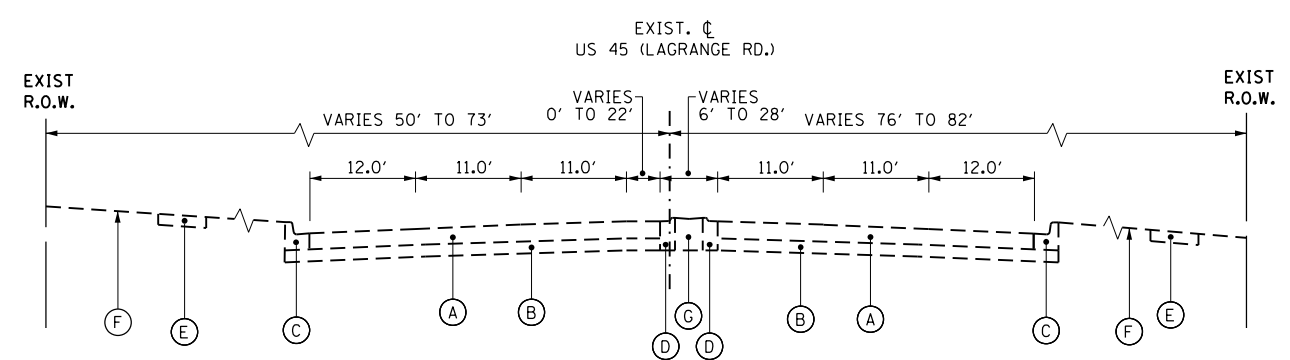
- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
- (G) EXISTING MEDIAN (CONCRETE OR HMA)
- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- (I) EXISTING SUBBASE, VARIABLE DEPTH
- (J) EXISTING CURB AND GUTTER, TYPE B-6.12
- (K) EXISTING CONCRETE PAVEMENT, 10"
- (L) EXISTING AGGREGATE SUBGRADE, 12"
- (M) EXISTING CONCRETE CURB & GUTTER TYPE B-6.18
- (N) EXISTING MONOLITHIC CONCRETE MEDIAN



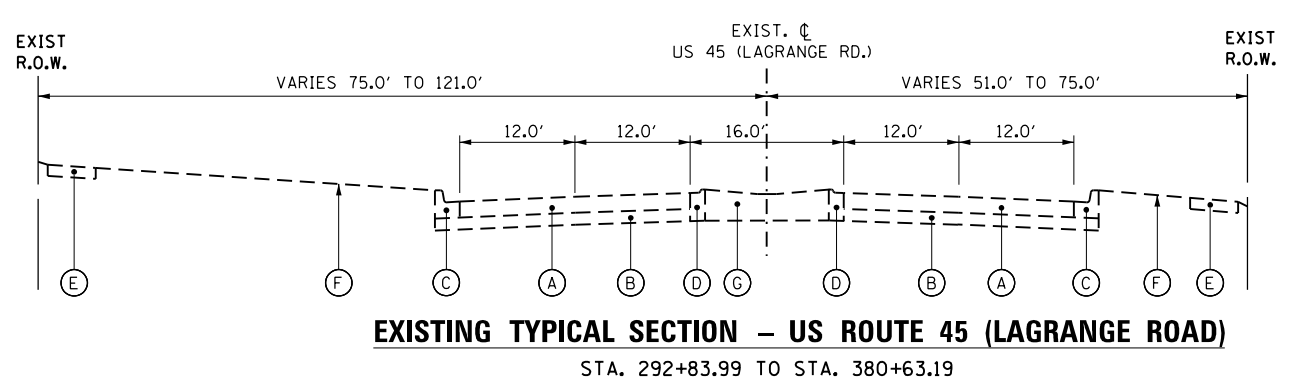
EXISTING TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)
STA. 170+90 TO STA. 272+48.67



PROPOSED TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)
STA. 272+48.67 TO STA. 274+10.14



EXISTING TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)
STA. 286+21.62 TO STA. 288+75.19



EXISTING TYPICAL SECTION - US ROUTE 45 (LAGRANGE ROAD)
STA. 292+83.99 TO STA. 380+63.19

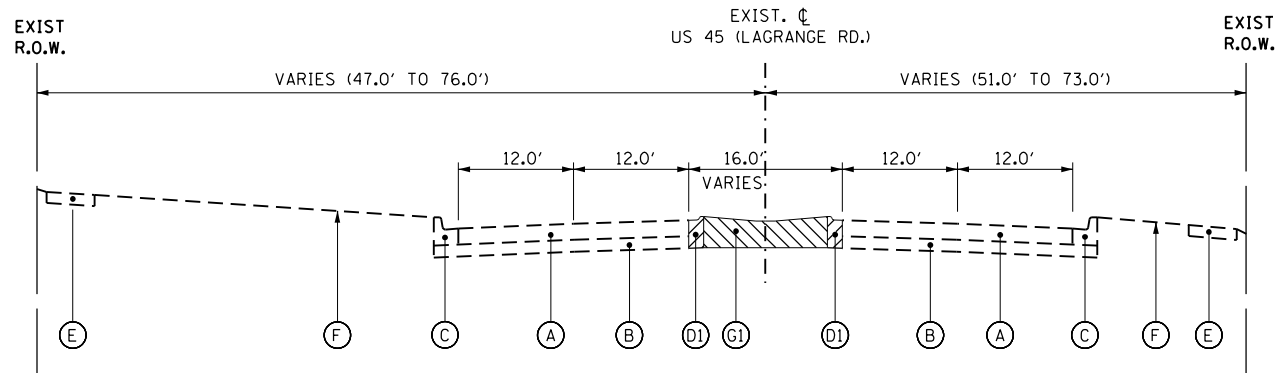
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 FAX (312) 939-4998
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FILE NAME = D:\60W09-SHT-TYPICALS.dgn	USER NAME = Anthony.Plutz	DESIGNED - KBN	REVISED -
SHT_PLAN	PLOT SCALE = 20.0000' / in.	DRAWN - KBN	REVISED -
	PLOT DATE = 1/18/2013	CHECKED -	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

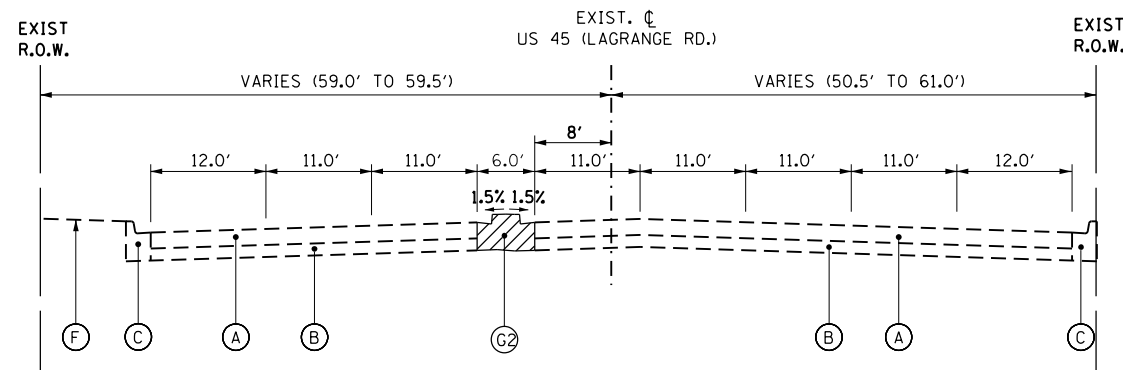
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SCALE: N.T.S.	SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	7
TS-01			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



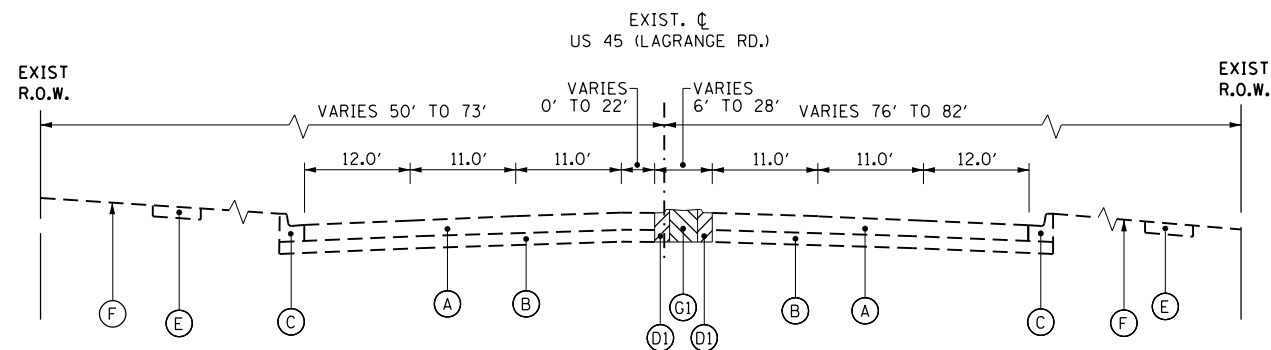
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STA. 170+90 TO STA. 272+48.67



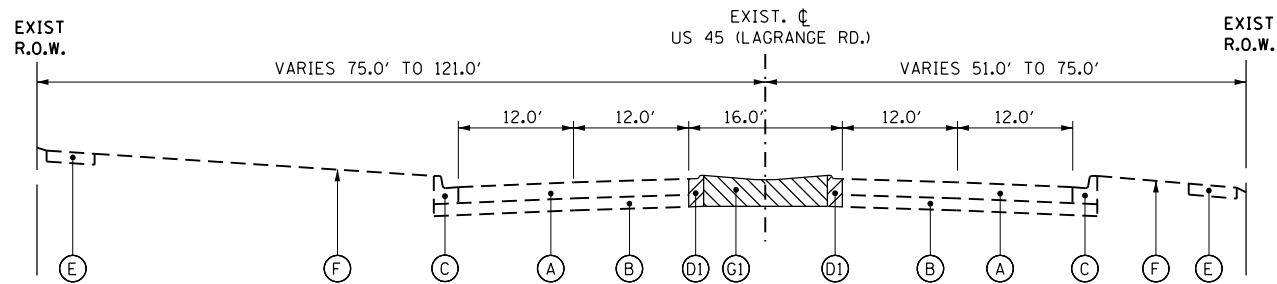
EXISTING TYPICAL SECTION-REMOVAL - US ROUTE 45 (LAGRANGE ROAD)

STA. 272+48.67 TO STA. 274+10.14



EXISTING TYPICAL SECTION-REMOVAL - US ROUTE 45 (LAGRANGE ROAD)

STA. 286+21.62 TO STA. 288+75.19



EXISTING TYPICAL SECTION-REMOVAL - US ROUTE 45 (LAGRANGE ROAD)

STA. 292+83.99 TO STA. 380+63.19

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- (F) PARKWAY (GRASS AREA)
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- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- (I) EXISTING SUBBASE, VARIABLE DEPTH
- (J) EXISTING CURB AND GUTTER, TYPE B-6.12
- (K) EXISTING CONCRETE PAVEMENT, 10"
- (L) EXISTING AGGREGATE SUBGRADE, 12"
- (M) EXISTING CONCRETE CURB & GUTTER TYPE B-6.18
- (N) EXISTING MONOLITHIC CONCRETE MEDIAN

REMOVAL LEGEND

- (D1) COMBINATION CONCRETE CURB AND GUTTER REMOVAL
- (G1) MEDIAN REMOVAL (FOR EXISTING HMA MEDIANS)
or
CONCRETE MEDIAN REMOVAL (FOR EXISTING CONCRETE MEDIANS)
- (G2) BARRIER MEDIAN REMOVAL

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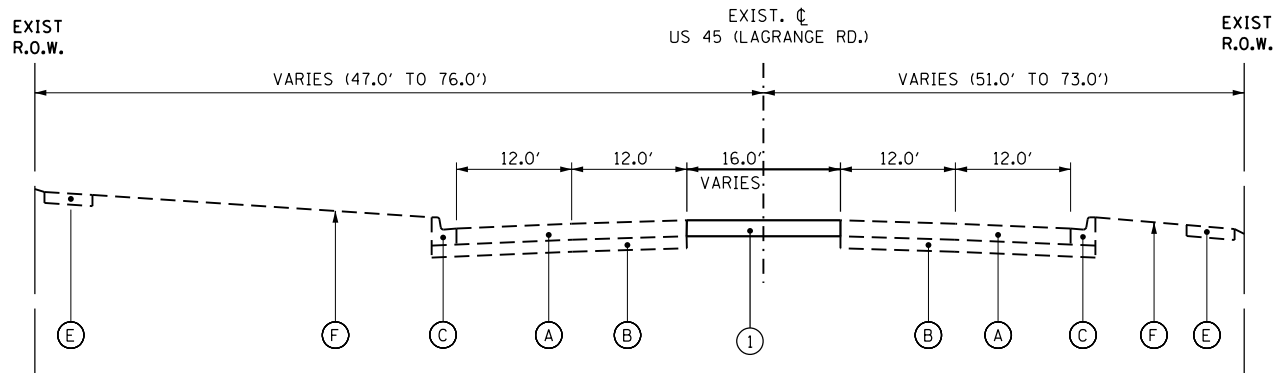
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SHT_PLAN	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/18/2013	DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS AND REMOVAL
US RTE. 45 (LAGRANGE ROAD)**

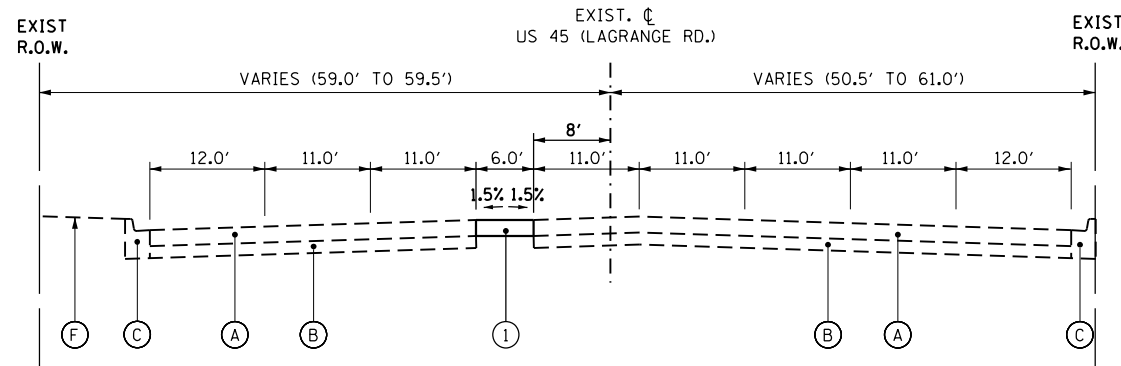
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	8
TS-02			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



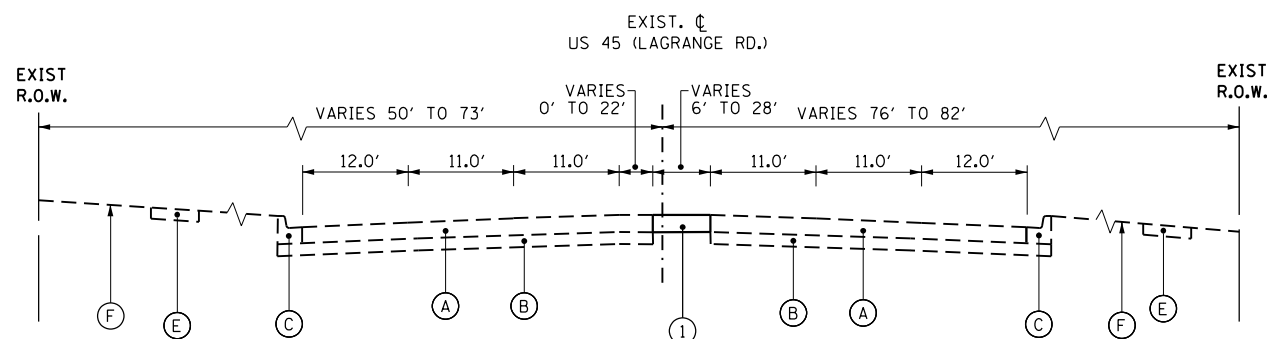
PROPOSED TYPICAL SECTION – US ROUTE 45 (LAGRANGE ROAD)

STA. 170+90 TO STA. 272+48.67



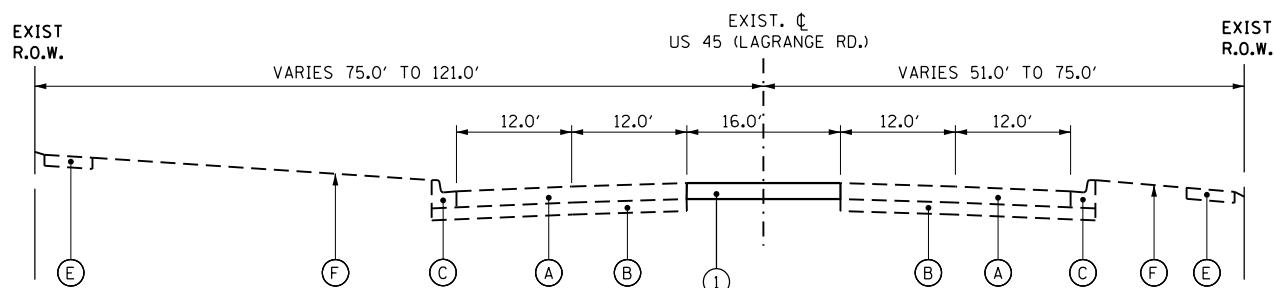
PROPOSED TYPICAL SECTION – US ROUTE 45 (LAGRANGE ROAD)

STA. 272+48.67 TO STA. 274+10.14



PROPOSED TYPICAL SECTION – US ROUTE 45 (LAGRANGE ROAD)

STA. 286+21.62 TO STA. 288+75.19



PROPOSED TYPICAL SECTION – US ROUTE 45 (LAGRANGE ROAD)

STA. 292+83.99 TO STA. 380+63.19

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
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- (M) EXISTING CONCRETE CURB & GUTTER TYPE B-6.18
- (N) EXISTING MONOLITHIC CONCRETE MEDIAN

PROPOSED LEGEND

- (I) TEMPORARY PAVEMENT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
TEMPORARY PAVEMENT (12")	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 10" (IN 4 LIFTS)	4% @ 50 Gyr.

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
- NOTE 3: THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 10" P.C.C. PAVEMENT OR 12" HOT-MIX ASPHALT PAVEMENT AS TEMPORARY PAVEMENT.

PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS

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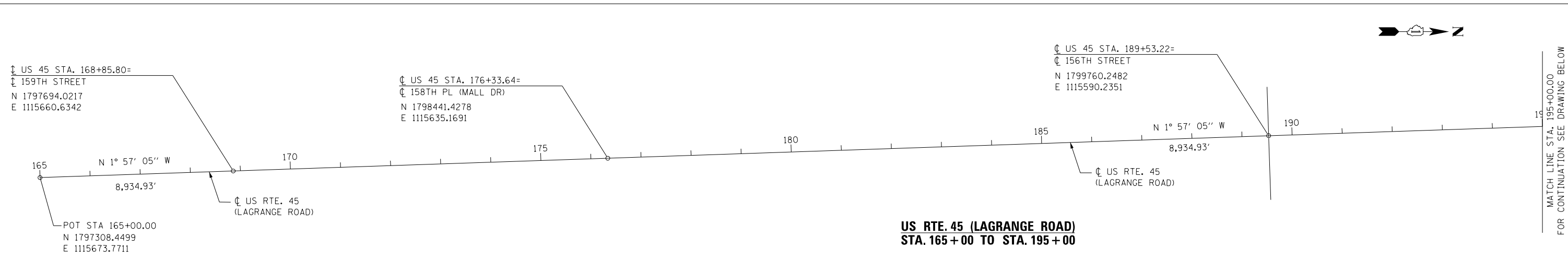
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
SHT.PLAN	PLOT DATE = 1/18/2013	DATE = 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

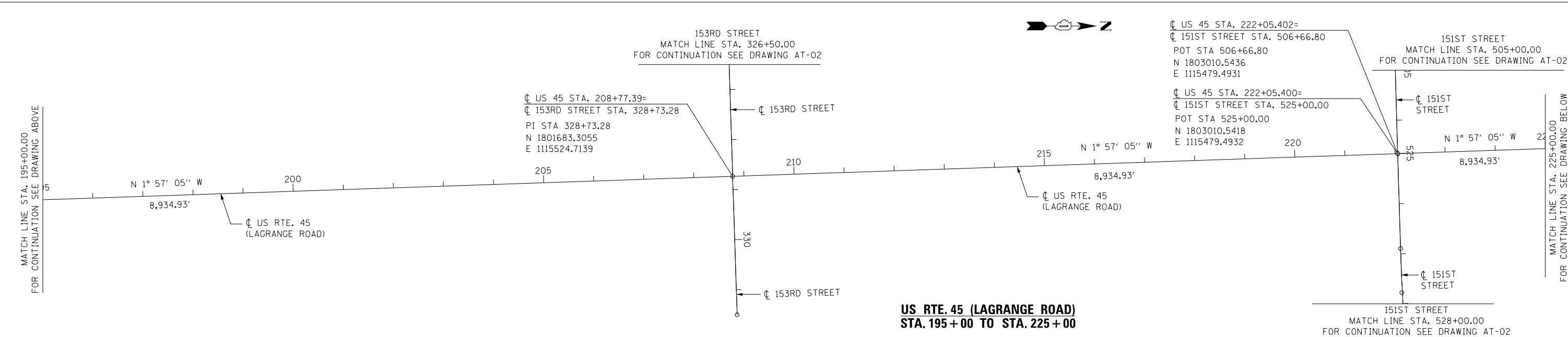
**PROPOSED TYPICAL SECTIONS
US RTE. 45 (LAGRANGE ROAD)**

SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

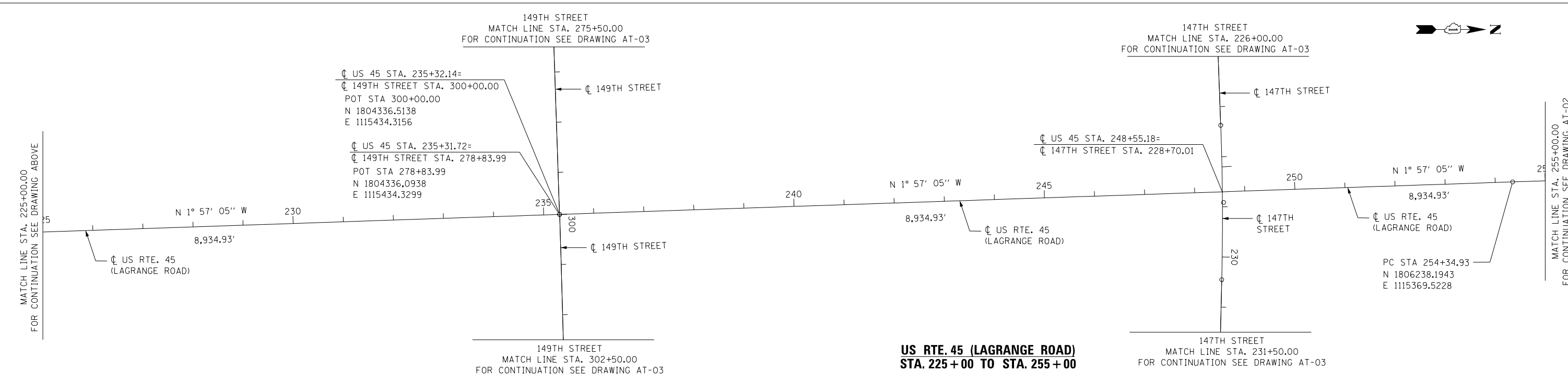
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	9
TS-03			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



**US RTE. 45 (LAGRANGE ROAD)
STA. 165+00 TO STA. 195+00**



**US RTE. 45 (LAGRANGE ROAD)
STA. 195+00 TO STA. 225+00**



**US RTE. 45 (LAGRANGE ROAD)
STA. 225+00 TO STA. 255+00**

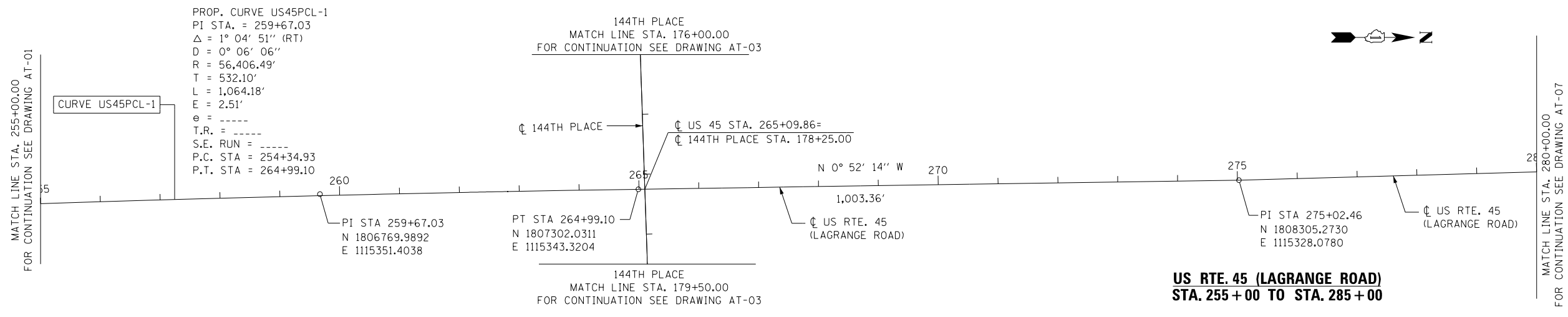
URS
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 935-1000
FAX (312) 935-4198

FILE NAME = D160W09-SHT-AT01.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -
		DRAWN - BA	REVISED -
		CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1"=100'	SHEET 1 OF 11 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	10
AT-01			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

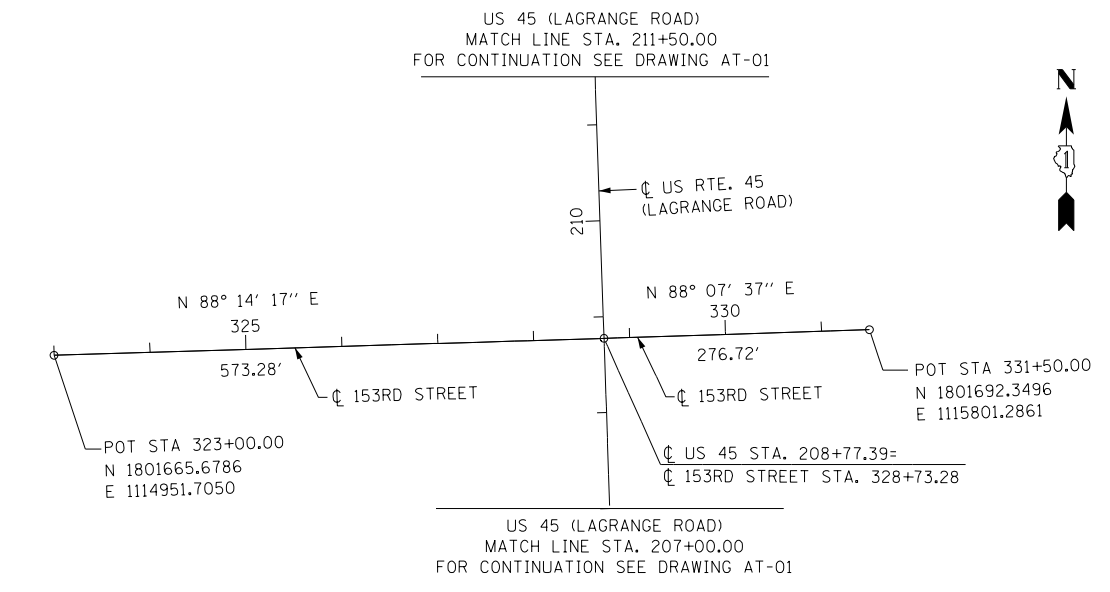


PROP. CURVE US45PCL-1
 PI STA. = 259+67.03
 $\Delta = 1^\circ 04' 51''$ (RT)
 D = 56,406.49'
 T = 532.10'
 L = 1,064.18'
 E = 2.51'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 254+34.93
 P.T. STA = 264+99.10

MATCH LINE STA. 255+00.00
 FOR CONTINUATION SEE DRAWING AT-01

MATCH LINE STA. 280+00.00
 FOR CONTINUATION SEE DRAWING AT-07

**US RTE. 45 (LAGRANGE ROAD)
 STA. 255+00 TO STA. 285+00**



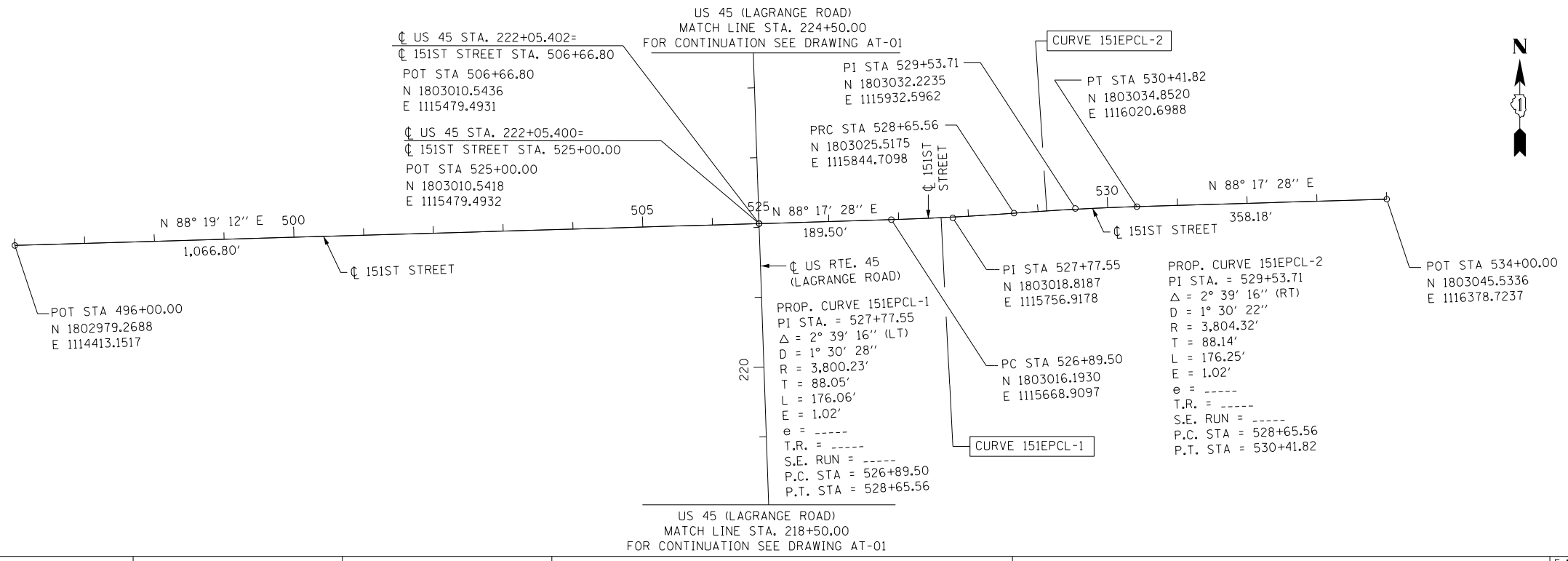
US 45 (LAGRANGE ROAD)
 MATCH LINE STA. 211+50.00
 FOR CONTINUATION SEE DRAWING AT-01

POT STA 323+00.00
 N 1801665.6786
 E 1114951.7050

POT STA 331+50.00
 N 1801692.3496
 E 1115801.2861

US 45 (LAGRANGE ROAD)
 MATCH LINE STA. 207+00.00
 FOR CONTINUATION SEE DRAWING AT-01

153RD STREET



US 45 (LAGRANGE ROAD)
 MATCH LINE STA. 224+50.00
 FOR CONTINUATION SEE DRAWING AT-01

US 45 STA. 222+05.402=
 151ST STREET STA. 506+66.80
 POT STA 506+66.80
 N 1803010.5436
 E 1115479.4931

US 45 STA. 222+05.400=
 151ST STREET STA. 525+00.00
 POT STA 525+00.00
 N 1803010.5418
 E 1115479.4932

PI STA 529+53.71
 N 1803032.2235
 E 1115932.5962

PT STA 530+41.82
 N 1803034.8520
 E 1116020.6988

PROP. CURVE 151EPCL-1
 PI STA. = 527+77.55
 $\Delta = 2^\circ 39' 16''$ (LT)
 D = 1° 30' 28"
 R = 3,800.23'
 T = 88.05'
 L = 176.06'
 E = 1.02'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 526+89.50
 P.T. STA = 528+65.56

PROP. CURVE 151EPCL-2
 PI STA. = 529+53.71
 $\Delta = 2^\circ 39' 16''$ (RT)
 D = 1° 30' 22"
 R = 3,804.32'
 T = 88.14'
 L = 176.25'
 E = 1.02'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 528+65.56
 P.T. STA = 530+41.82

US 45 (LAGRANGE ROAD)
 MATCH LINE STA. 218+50.00
 FOR CONTINUATION SEE DRAWING AT-01

151ST STREET

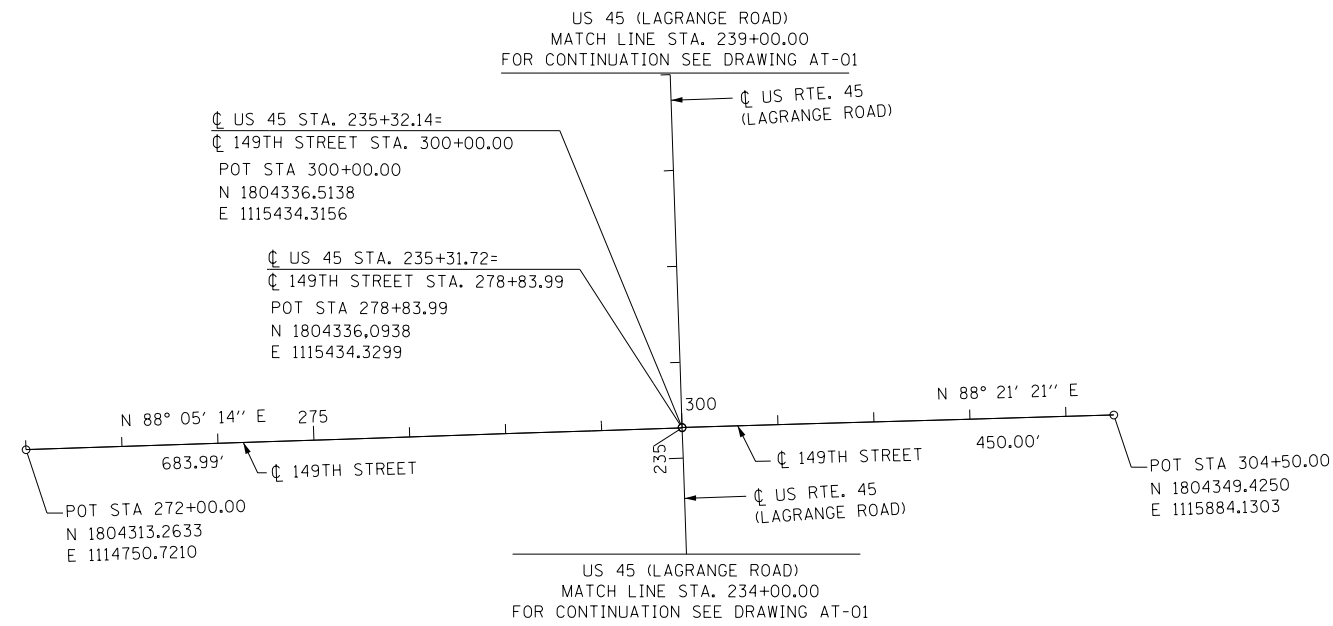
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 FAX (312) 939-4198

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -
D160W09-SHT-AT02.dgn		DRAWN - BA	REVISED -
		CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

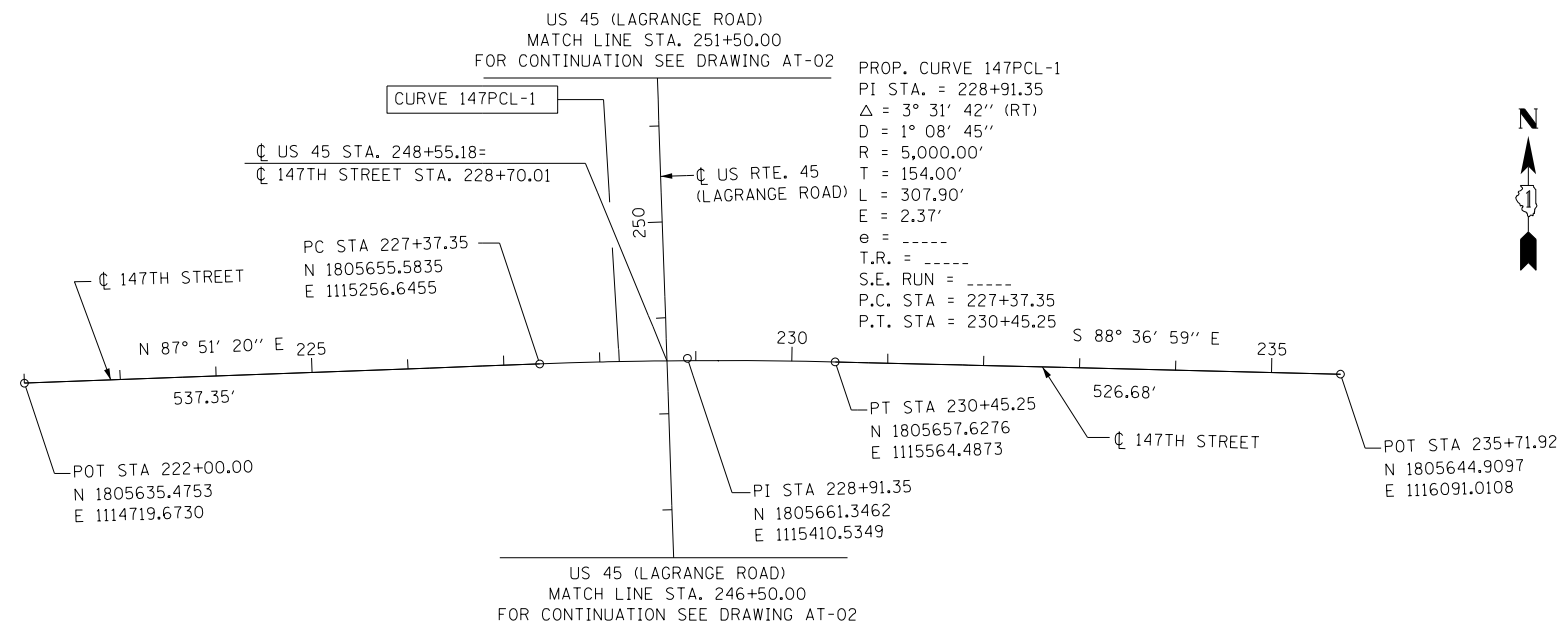
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1"=100'	SHEET 2 OF 11 SHEETS	STA.	TO STA.

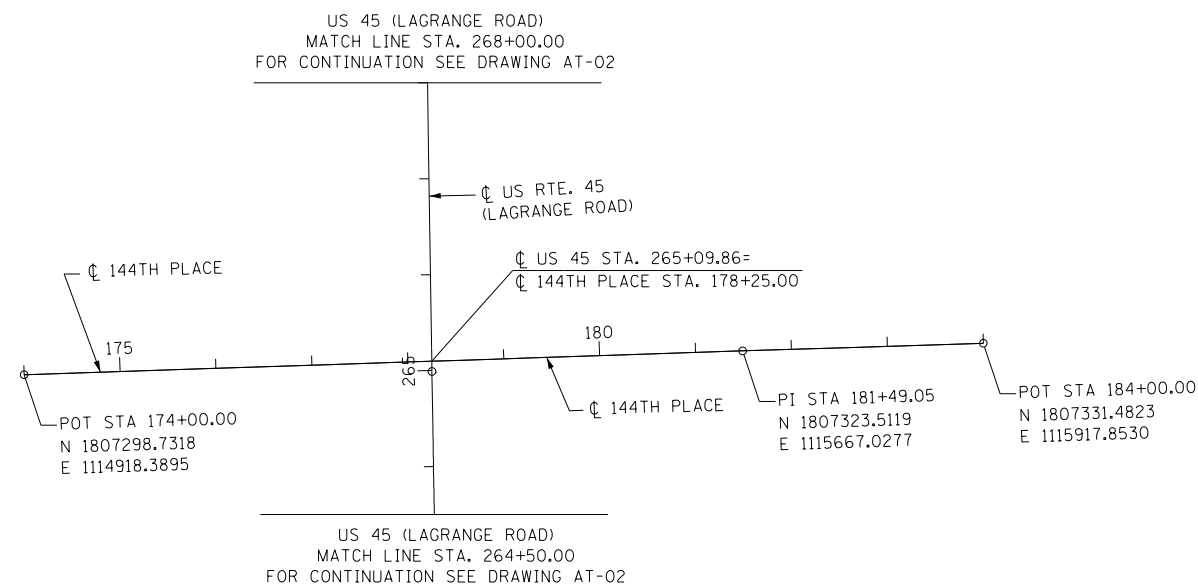
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	11
AT-02			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



149TH STREET



147TH STREET



144TH PLACE



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 FAX (312) 935-4198
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FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -
D160W09-SHT-AT03.dgn		DRAWN - BA	REVISED -
		CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET 3 OF 11 SHEETS STA. BEGIN TO STA. 255+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	12
AT-03			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

TEMPORARY BENCHMARK "A" 548

CUT ON THE SW'LY CORNER OF ELECTRIC TRANSFORMER CONCRETE CORNER PAD ABOUT 400' SOUTH OF SOUTH LINE OF 143rd ST. AND ±60' E. OF THE ES'LY LINE OF RT 45
 N 1807847.3584
 E 1115438.9260
 EL. 707.458
 STA 270+42
 OFFSET 103.8' RT

TEMPORARY BENCHMARK "B" 551

CHISELED CROSS ON THE NE'LY CORNER OF CONCRETE PAD AND A BRICK SIGN WEST FRONT OF HOUSE #14600 SOUTH LA GRANGE RD.
 N 1798922.5030
 E 1115554.7540
 EL. 717.768
 STA 181+17
 OFFSET 64.0' LT

TEMPORARY BENCHMARK "C" 552

CUT ON THE MOST WEST CORNER OF TRAFFIC CONTROL BOX CONCRETE FOUNDATION ON THE NE'LY CORNER OF RT 45 AND 147TH ST.
 N 1805726.0727
 E 1115441.2413
 EL. 723.484
 STA 249+20
 OFFSET 54.2' RT

TEMPORARY BENCHMARK "D" 554

CUT ON THE WEST SIDE OF CONCRETE SLAB W/SIGN (ORLAND SQUARE) JUST NORTH OF DENNY'S RESTAURANT
 N 1804970.9600
 S 1115521.8358
 EL. 713.910
 STA 241+63
 OFFSET 109.1' RT

TEMPORARY BENCHMARK "E" 556

THE N-W BOLT OF THE FIRE HYDRANT JUST WEST OF THE TOYS R US STORE ±125' EAST OF THE EAST SIDE OF ROUTE 45 "PARKING LOT"
 N 1803359.3358
 E 1115637.2075
 EL 707.130
 STA 250+48
 OFFSET 169.5 RT

TEMPORARY BENCHMARK "F" 568

THE S-E BOLT OF THE FIRST LIGHT POLE SOUTH OF 151st ST. ON THE EAST SIDE OF LAGRANGE RD.
 N 1802798.7937
 E 1115526.3706
 EL 706.206
 STA 219+92
 OFFSET 39.6' RT

TEMPORARY BENCHMARK "G" 569

THE SOUTHEAST BOTTOM OF LIGHT POLE #93-15 ±300' NORTH OF 153rd ST. ON THE WEST SIDE OF LAGRANGE RD.
 N 1801998.9896
 E 1115478.2495
 EL 699.946
 STA 211+94
 OFFSET 35.7 LT

TEMPORARY BENCHMARK "H" 573

CUT SQUARE ON LIGHT POLE #C6/G5 CONCRETE FOUNDATION IN FRONT OF "SOLA SALON" WEST SIDE OF RT. 45
 N 1798922.5010
 E 1115555.6214
 EL. 691.186
 STA 181+17
 OFFSET 63.1 LT

TEMPORARY BENCHMARK 144th PL. (592) EAST

NORTH BOLT OF FIRE HYDRANT FLANGE ON THE NE'LY CORNER OF 144th PL. AND RAVINIA AV.
 N 1807314.9871
 E 1114728.3528
 EL 708.140
 STA 265+21
 OFFSET 614.7' LT

TEMPORARY BENCHMARK 144th PL. (588) WEST

THE SOUTHEAST BOLT OF FIRE HYDRANT-FLANGE ±300' EAST OF ROUTE 45 ON THE SOUTH SIDE OF 144th PL.
 EL. 714.469.
 N 1807302.6414
 E 1115683.7178
 EL 714.469
 STA 264+93
 OFFSET 340.4 RT

TEMPORARY BENCHMARK 147th PL. (594) EAST

THE WEST BOLT OF FIRE HYDRANT FLANGE ON THE SOUTH SIDE OF 147th ST. ±300' WEST OF RT 45.
 EL. 714.469.
 N 1805618.2857
 E 1115050.3890
 EL 715.356
 STA 248+26
 OFFSET 340.0' LT

TEMPORARY BENCHMARK 147th PL. (596) WEST

CUT ON THE NORTH SIDE OF 147th ST. B.M. IS ON THE S-SIDE OF LIGHT POLE CONCRETE FOUNDATION ±600' E. OF RT 45.
 N 1805685.7761
 E 1115875.8523
 EL 721.145
 STA 248+65
 OFFSET 487.2' RT

TEMPORARY BENCHMARK 151st PL. (612)

SE'LY BOLT ON FIRE HYDRANT FLANGE ON THE SOUTH EAST CORNER OF 151st ST. & RAVINIA AVE.
 N 1802948.5691
 E 1114849.5816
 EL 712.185
 STA 221+64
 OFFSET 631.6' LT



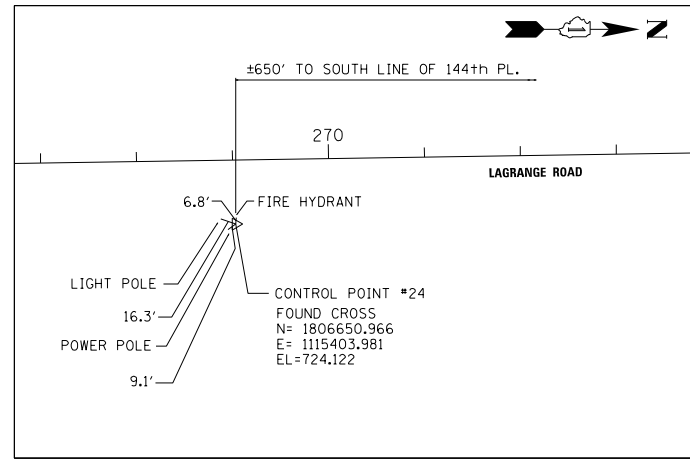
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D160W09-SHT-ATB04.dgn		DRAWN - JPW	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET 4 OF 11 SHEETS STA. TO STA.

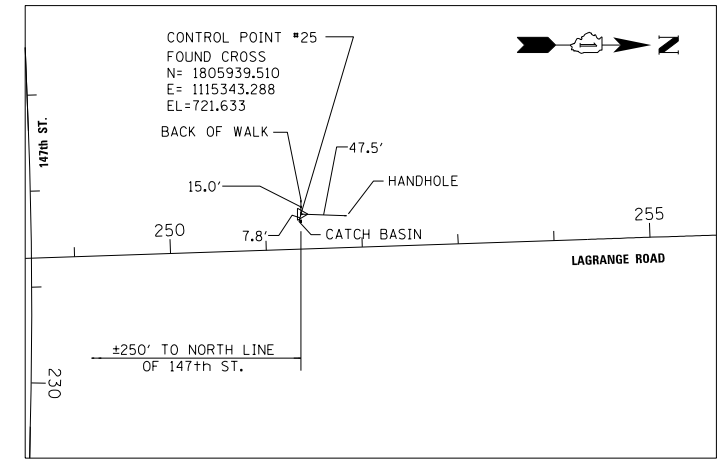
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	13
AT-04		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				



LOCATION DESCRIPTION: STA. 269+02.41, 66.79' EAST OF US 45 CL

CONTROL POINT NO. 24

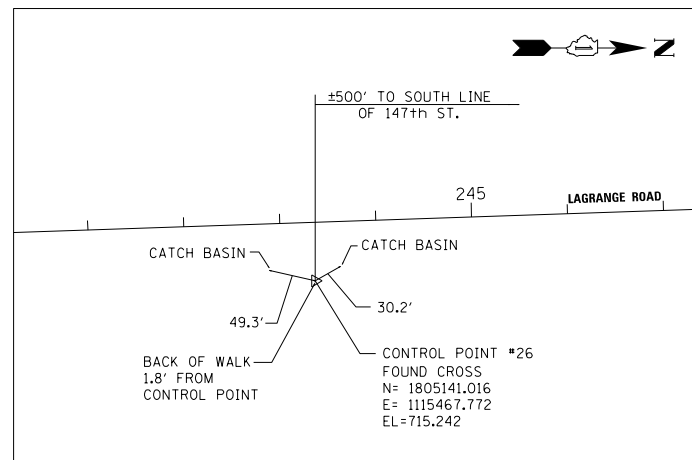
SCALE: 1" = 100'



LOCATION DESCRIPTION: STA. 251+37.31, 36.39' WEST OF US 45 CL

CONTROL POINT NO. 25

SCALE: 1" = 100'



LOCATION DESCRIPTION: STA. 243+34.93, 60.87' EAST OF US 45 CL

CONTROL POINT NO. 26

SCALE: 1" = 100'

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

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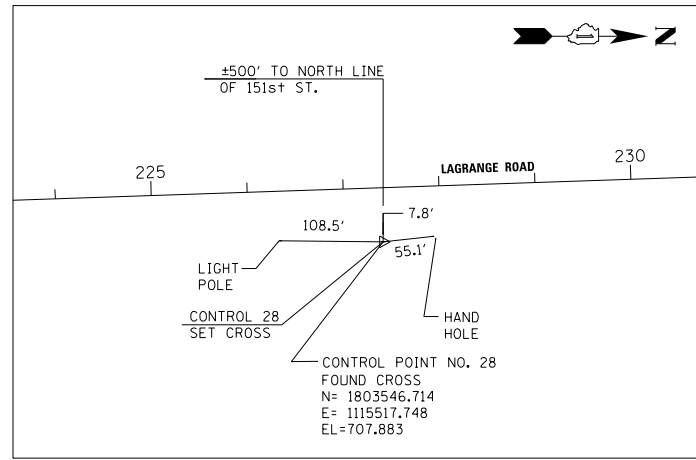
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - JPW	REVISED -
D:\60W09-SHT-ATB05.dgn		DRAWN - JPW	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET 5 OF 11 SHEETS STA. TO STA.

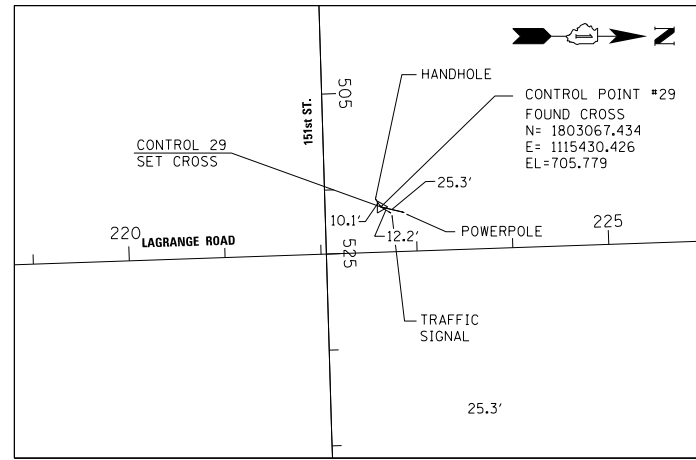
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	14
AT-05			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



LOCATION DESCRIPTION: STA. 227+39.96, 39.96' EAST OF US 45 CL

CONTROL POINT NO. 28

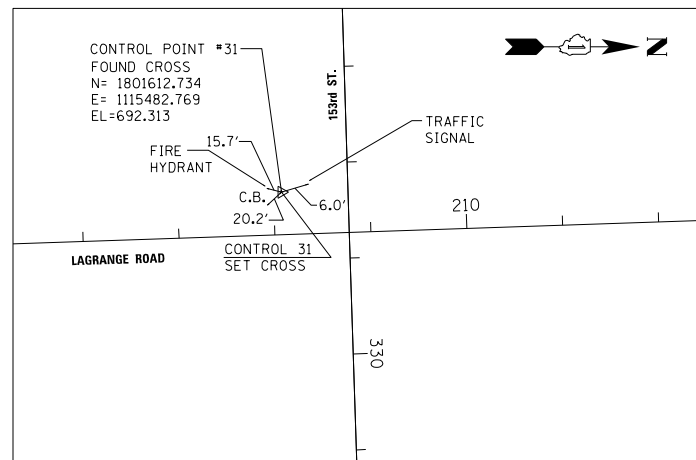
SCALE: 1" = 100'



LOCATION DESCRIPTION: STA. 222+63.93, 47.10' WEST OF US 45 CL
STA. 506+19.42, 58.30' NORTH OF 151ST CL

CONTROL POINT NO. 29

SCALE: 1" = 100'



LOCATION DESCRIPTION: STA. 208+08.29, 44.32' WEST OF US 45 CL
STA. 328+29.18, 69.25' SOUTH OF 153RD CL

CONTROL POINT NO. 31

SCALE: 1" = 100'

100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4198
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FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - JPW	REVISED -
D160W09-SHT-ATB06.dgn		DRAWN - JPW	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

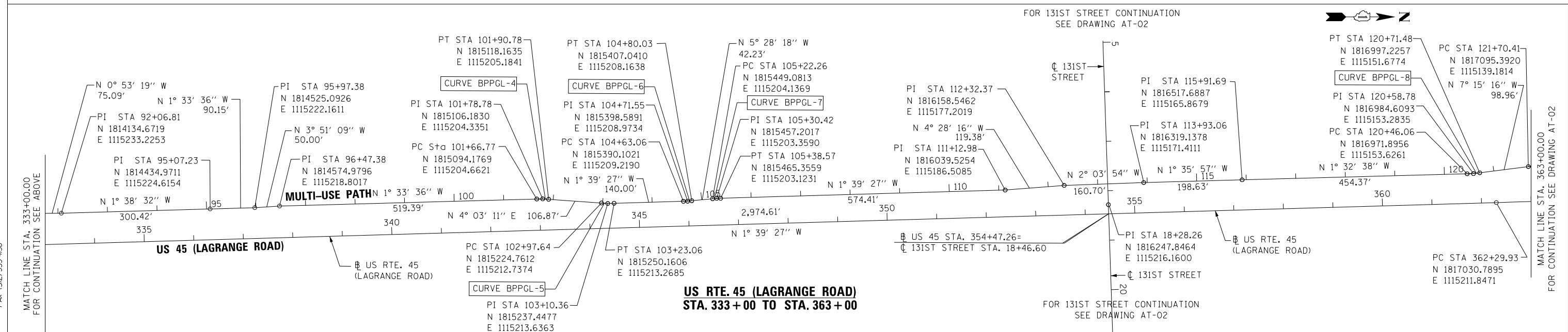
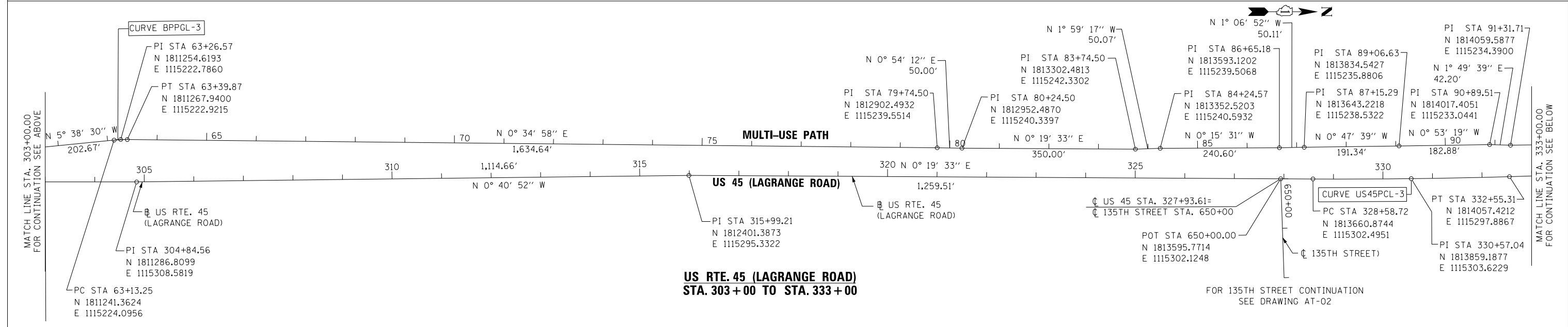
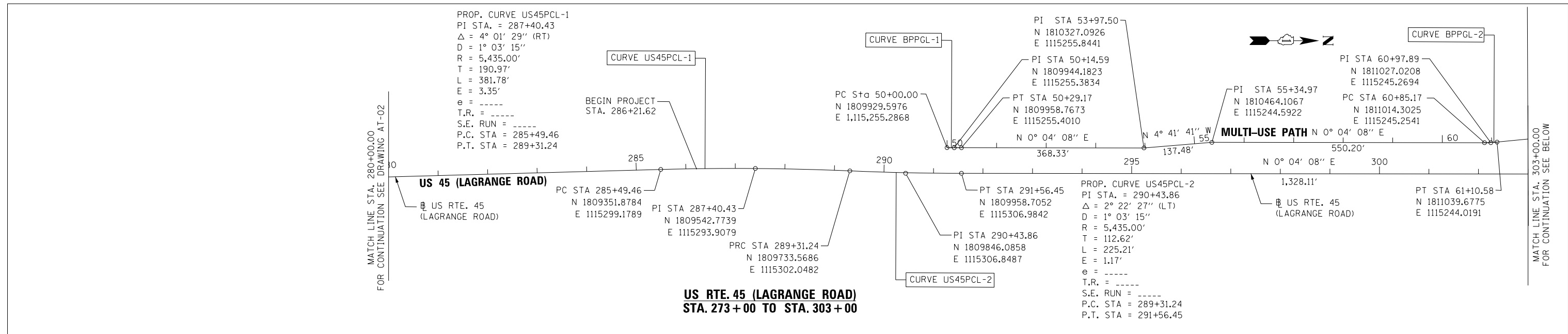
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET 6 OF 11 SHEETS STA. TO STA.

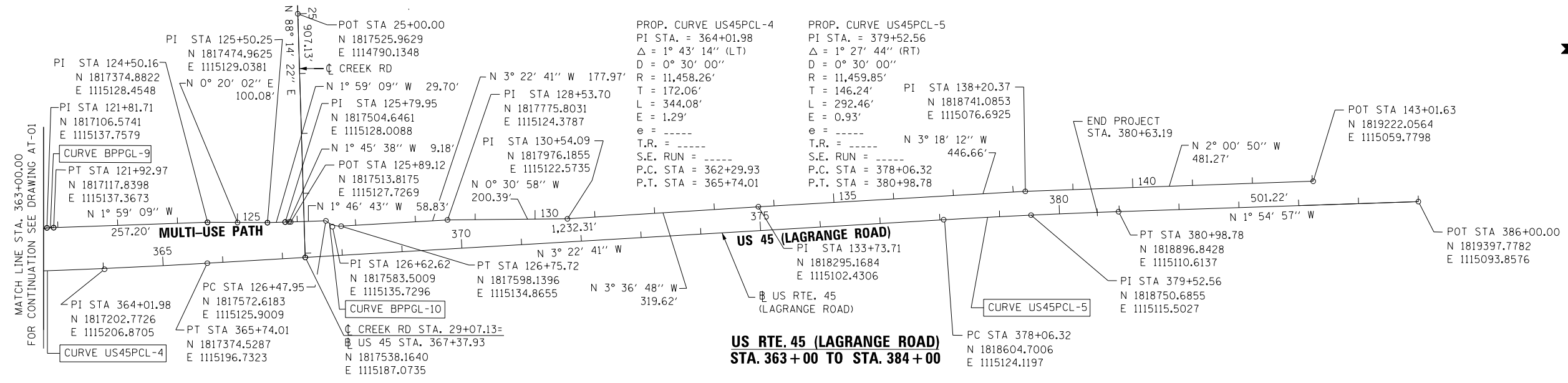
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	15
AT-06			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



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SUITE 600
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4998

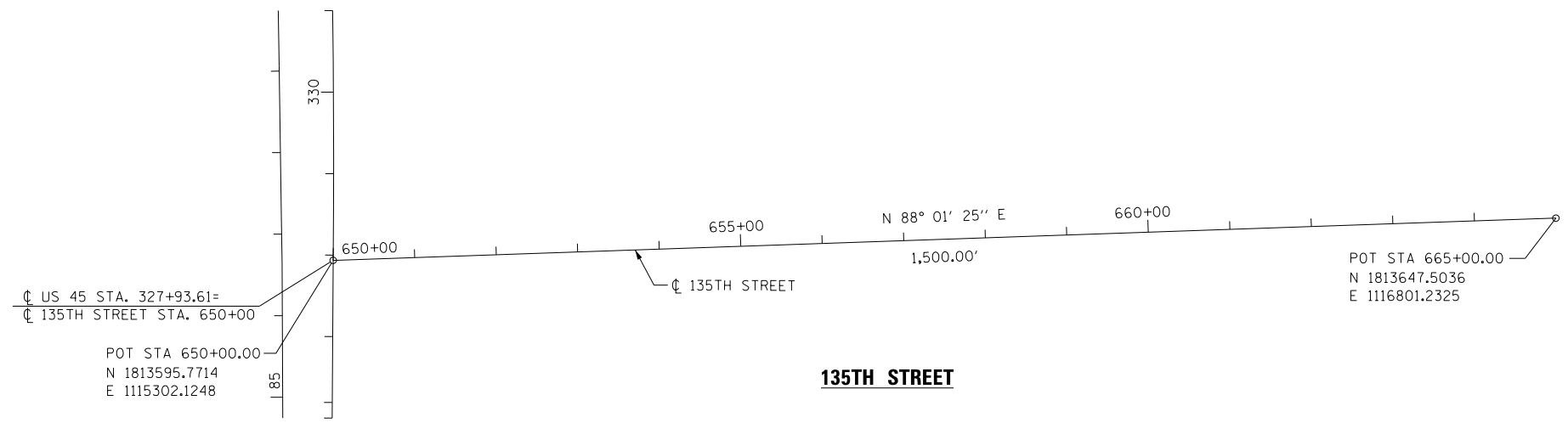


FILE NAME = D:\160W09-SHT-AT07.dgn	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS		F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 16
PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -	AT-07				CONTRACT NO. 60W09				
SHT.PLAN	PLOT DATE = 1/7/2013	DATE = 01/02/13	REVISED -				SCALE: 1"=100'	SHEET 7 OF 11 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	



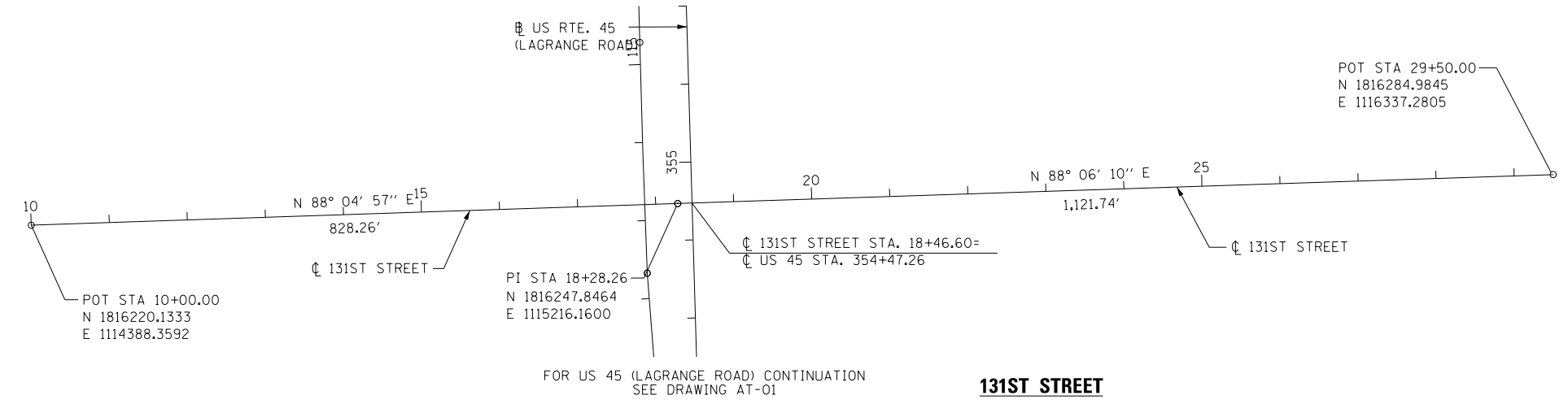
MATCH LINE STA. 363+00.00
FOR CONTINUATION SEE DRAWING AT-01

FOR US 45 (LAGRANGE ROAD) CONTINUATION
SEE DRAWING AT-01



FOR US 45 (LAGRANGE ROAD) CONTINUATION
SEE DRAWING AT-01

FOR US 45 (LAGRANGE ROAD) CONTINUATION
SEE DRAWING AT-01



FOR US 45 (LAGRANGE ROAD) CONTINUATION
SEE DRAWING AT-01

100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 935-1000
 FAX (312) 935-4198



FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -
D160W09-SHT-AT008.dgn		DRAWN - BA	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED - ---	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1"=100'	SHEET 8 OF 11 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	17
AT-08			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

TEMPORARY BENCHMARK 1

THE NORTHEAST BOLT OF THE FIRST LIGHT POLE NORTH OF SOUTHWEST HWY. BRIGDE ABOUT 6' WEST OF WEST C.&G.
 N 1810393.8090
 E 1115238.8960
 EL. 678.745
 STA 295+91
 OFFSET 68.6' LT

TEMPORARY BENCHMARK 2

CHISELED CROSS ON THE WEST SIDE OF CONCRETE FOUNDATION OF THE 3RD LIGHT POLE, NORTH OF SOUTHWEST HWY. ON THE EAST SIDE OF LAGRANGE RD.
 N 1115332.4140
 E 1811624.2520
 EL. 688.175
 STA 308+21
 OFFSET 27.8' RT

TEMPORARY BENCHMARK 3

CHISLED CROSS ON THE WEST SIDE OF LIGHT POLE CONCRETE FOUNDATION. (WITH A AS MILE SIGN) ON THE EAST SIDE OF RT 45 ± 2000' NORTH OF SOUTHWEST HWY.
 N 1812299.0569
 E 1115334.6683
 EL. 696.505
 STA 314+96
 OFFSET 38.1' RT

TEMPORARY BENCHMARK 4

CHISLED CUT LOCATED ON THE NORTH EAST CORNER OF LAGRANGE ROAD AND 135th ST. THE RIM IS ON THE WEST SIDE OF SIGNAL POLE METAL BASE.
 N 1813675.6500
 E 1115345.5070
 EL. 705.700
 STA 328+73
 OFFSET 42.9' RT

TEMPORARY BENCHMARK 5

CHISELED CUT ON THE EAST SIDE OF CONCRETE BASE OF 2nd LIGHT POLE SOUTH OF SOUTHMOOR DR. ON THE WEST SIDE OF LAGRANGE RD.
 N 1814864.0050
 E 11155234.3500
 EL 718.585
 STA 340+63
 OFFSET 40.2' LT

TEMPORARY BENCHMARK 6

CHISLED CUT ON THE EAST SIDE OF LIGHT POLE CONCRETE FOUNDATION LOCATED ON THE NW'LY CORNER OF LAGRANGE ROAD
 N 1816315.5386
 E 1115190.6719
 EL. 709.240
 STA 355+15
 OFFSET 41.8' LT

TEMPORARY BENCHMARK 7

SOUTHWEST BOLT OF FIRE HYDRANT FLANGE ±500' NORTH OF CREEK RD. ON THE EAST SIDE OF ROUTE 45
 N 1818047.8069
 E 1115219.5858
 EL. 697.035
 STA 372+44
 OFFSET 62.5' RT

MULTI-USE PATH CURVE DATA

PROP. CURVE BPPGL-1	PROP. CURVE BPPGL-2	PROP. CURVE BPPGL-3	PROP. CURVE BPPGL-4	PROP. CURVE US45PCL-3	PROP. CURVE BPPGL-6	PROP. CURVE BPPGL-7	PROP. CURVE BPPGL-8	PROP. CURVE BPPGL-9	PROP. CURVE BPPGL-10
PI STA. = 50+14.59	PI STA. = 60+97.89	PI STA. = 63+26.57	PI STA. = 101+78.78	PI STA. = 330+57.04	PI STA. = 104+71.55	PI STA. = 105+30.42	PI STA. = 120+58.78	PI STA. = 121+81.71	PI STA. = 126+62.62
Δ = 0° 18' 38" (LT)	Δ = 5° 42' 38" (LT)	Δ = 6° 13' 28" (RT)	Δ = 5° 36' 47" (RT)	Δ = 1° 59' 00" (LT)	Δ = 3° 48' 51" (LT)	Δ = 3° 48' 51" (RT)	Δ = 5° 42' 38" (LT)	Δ = 5° 16' 07" (RT)	Δ = 45° 27' 54" (LT)
D = 1° 03' 51"	D = 22° 28' 08"	D = 23° 23' 10"	D = 23° 23' 10"	D = 0° 30' 00"	D = 22° 28' 08"	D = 23° 23' 10"	D = 22° 28' 08"	D = 23° 23' 10"	D = 163° 42' 08"
R = 5,383.42'	R = 255.00'	R = 245.00'	R = 245.00'	R = 11,457.04'	R = 255.00'	R = 245.00'	R = 255.00'	R = 245.00'	R = 35.00'
T = 14.59'	T = 12.72'	T = 13.32'	T = 12.01'	T = 198.32'	T = 8.49'	T = 8.16'	T = 12.72'	T = 11.27'	T = 14.66'
L = 29.17'	L = 25.42'	L = 26.62'	L = 24.00'	L = 396.59'	L = 16.97'	L = 16.31'	L = 25.42'	L = 22.53'	L = 27.77'
E = 0.02'	E = 0.32'	E = 0.36'	E = 0.29'	E = 1.72'	E = 0.14'	E = 0.14'	E = 0.32'	E = 0.26'	E = 2.95'
e = -----	e = -----	e = -----	e = -----	e = -----	e = -----	e = -----	e = -----	e = -----	e = -----
T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA = 50+00.00	P.C. STA = 60+85.17	P.C. STA = 63+13.25	P.C. STA = 101+66.77	P.C. STA = 328+58.72	P.C. STA = 104+63.06	P.C. STA = 105+22.26	P.C. STA = 120+46.06	P.C. STA = 121+70.44	P.C. STA = 126+47.95
P.T. STA = 50+29.17	P.T. STA = 61+10.58	P.T. STA = 63+39.87	P.T. STA = 101+90.78	P.T. STA = 332+55.31	P.T. STA = 104+80.03	P.T. STA = 105+38.57	P.T. STA = 120+71.48	P.T. STA = 121+92.97	P.T. STA = 126+75.72



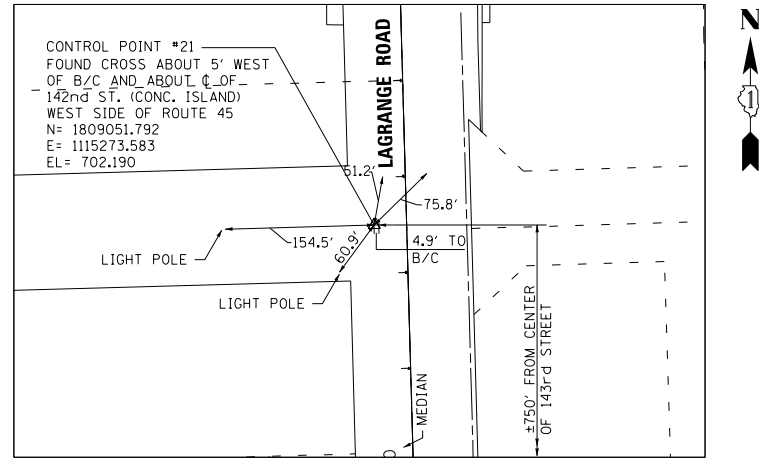
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D160W09-SHT-AT09.dgn		DRAWN -	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

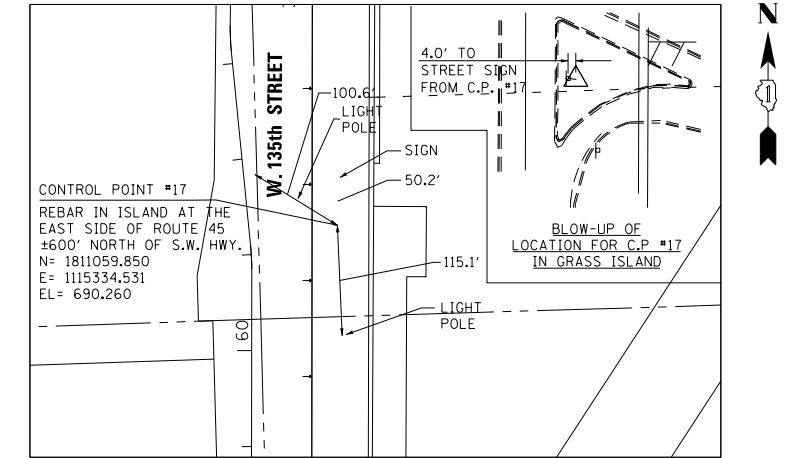
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	18
AT-09			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



LOCATION: STA 282+50.20 33.87' WEST OF US 45

CONTROL POINT NO. 21

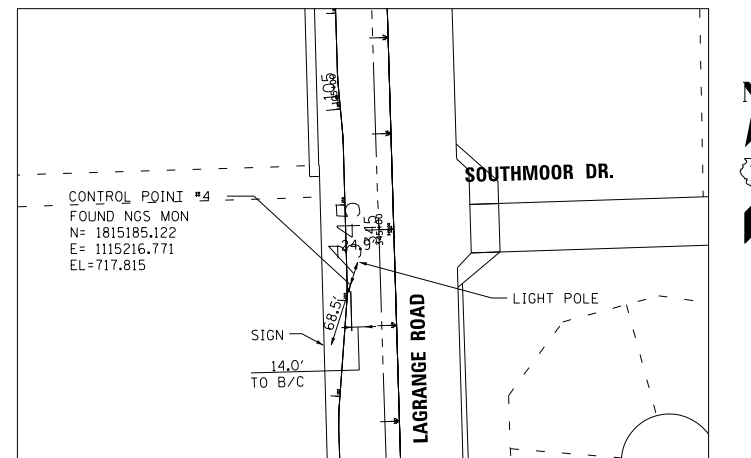
SCALE: 1" = 100'



LOCATION: 302+57.63 26.22 SOUTH OF 135TH ST

CONTROL POINT NO. 17

SCALE: 1" = 100'



CONTROL POINT NO. 4

SCALE: 1" = 100'

100 S. WACKER DR.
 SUITE 500
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 TEL (312) 939-1000
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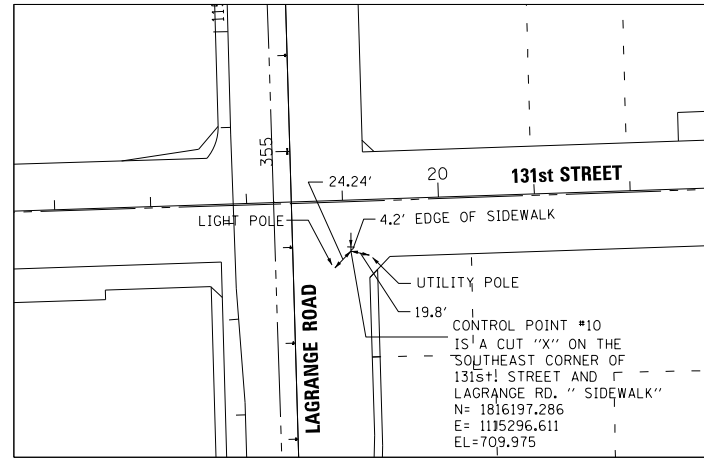
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - BA	REVISED -
D160W09-SHT-ATB10.dgn		DRAWN - BA	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 10 OF 11 SHEETS STA. TO STA.

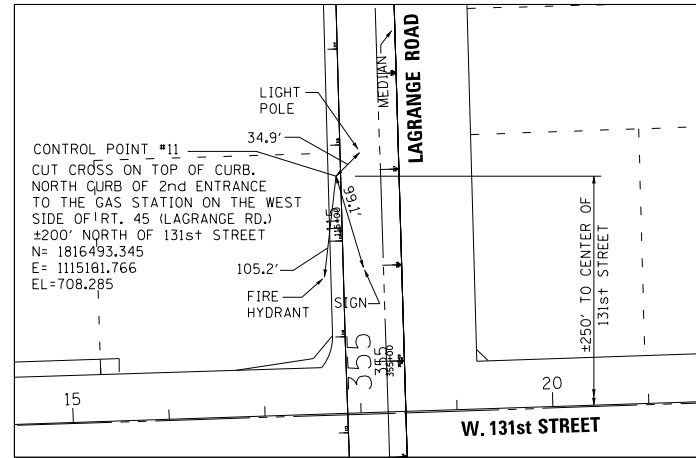
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	19
AT-10			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



LOCATION: STA 353+94.32 60.62' EAST OF US 45

CONTROL POINT NO. 10

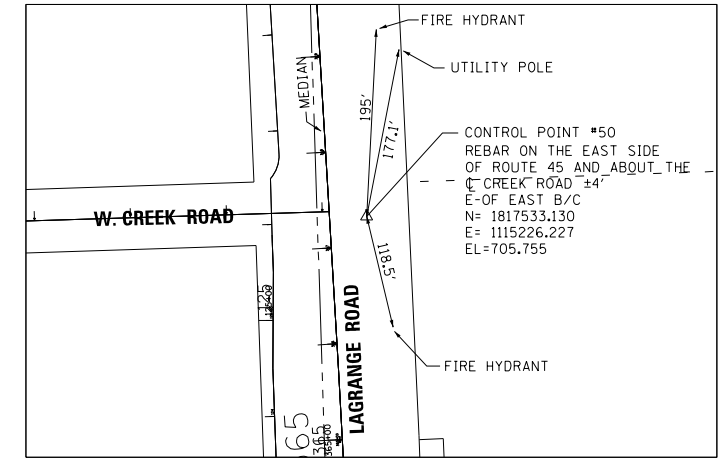
SCALE: 1" = 100'



LOCATION: STA 356+94.15 65.61' WEST OF US 45

CONTROL POINT NO. 11

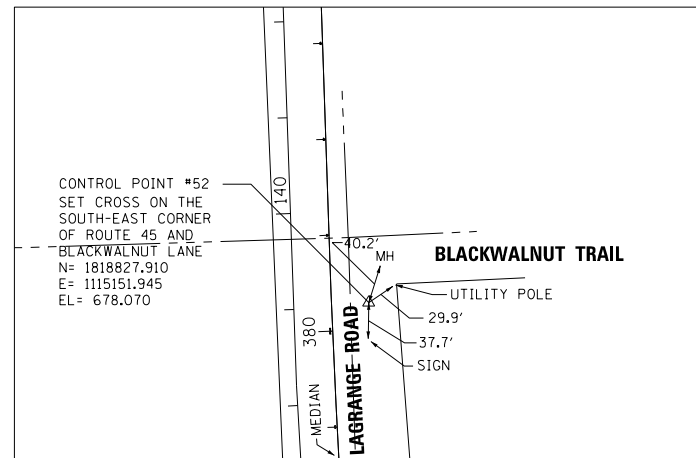
SCALE: 1" = 100'



LOCATION: STA 367+69.38 38.79' EAST OF US 45

CONTROL POINT NO. 50

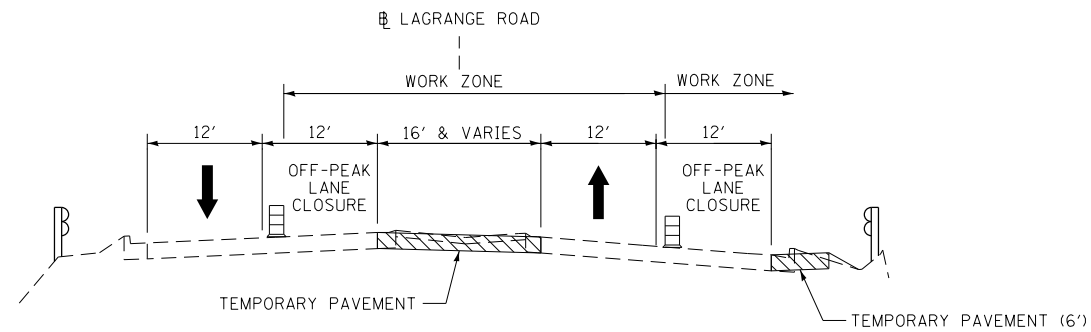
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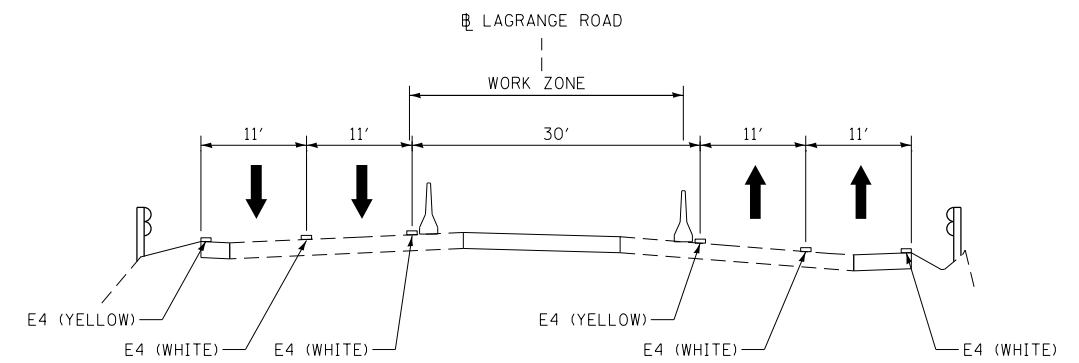
CONTROL POINT #52
SET CROSS ON THE
SOUTH-EAST CORNER
OF ROUTE 45 AND
BLACKWALNUT LANE
N= 1818827.910
E= 1115151.945
EL= 678.070

CONTROL POINT NO. 52

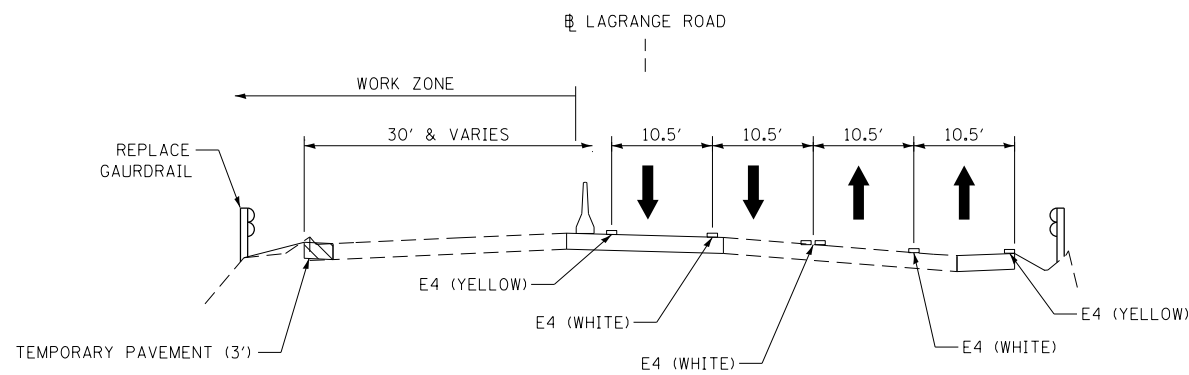
SCALE: 1" = 100'



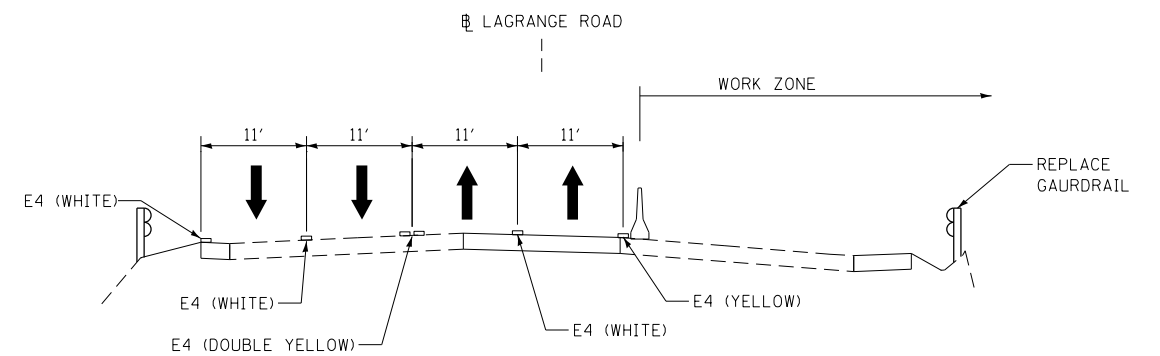
LAGRANGE ROAD TYPICAL SECTION – PRE-STAGE
(MEDIAN TEMPORARY PAVEMENT)
 STA. 170+90 TO STA. 380+63.19



LAGRANGE ROAD TYPICAL SECTION – STAGE 2
(MIDDLE SECTION OF CULVERT)
 STA. 170+90 TO STA. 380+63.19



LAGRANGE ROAD TYPICAL SECTION – STAGE 1
(WEST SECTION OF CULVERT & TEMPORARY PAVEMENT)
 STA. 170+90 TO STA. 380+63.19



LAGRANGE ROAD TYPICAL SECTION – STAGE 3
(EAST SECTION OF CULVERT)
 STA. 198+15 TO STA. 199+63

100 S. WACKER DR.
 SUITE 600
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 FAX (312) 939-4198
URS

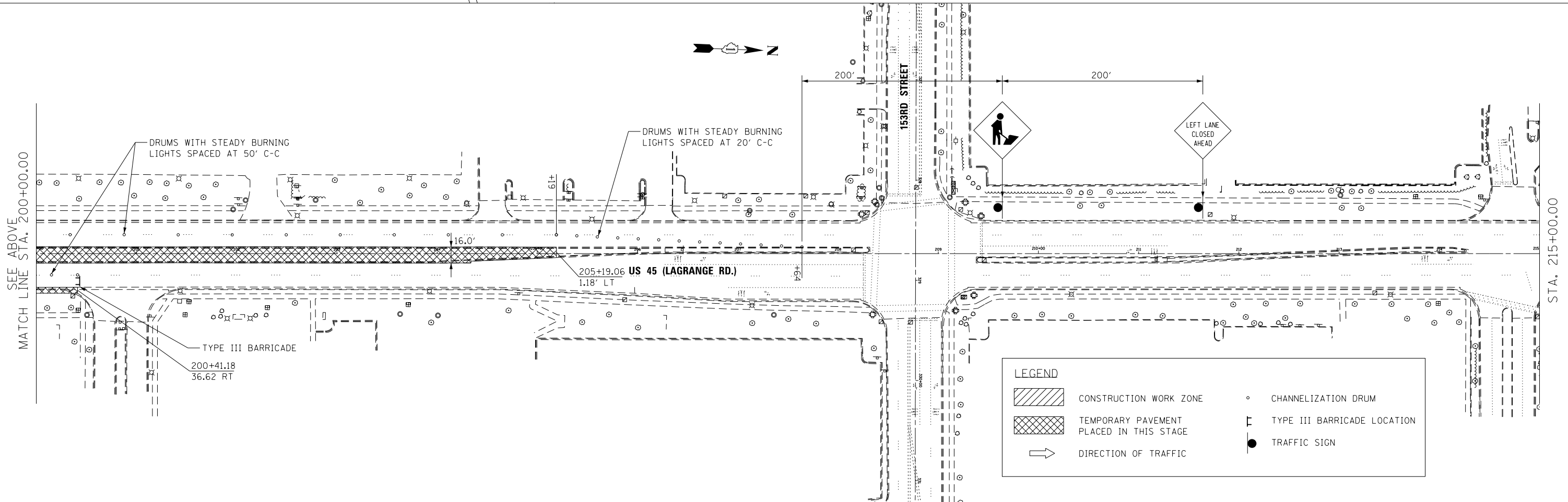
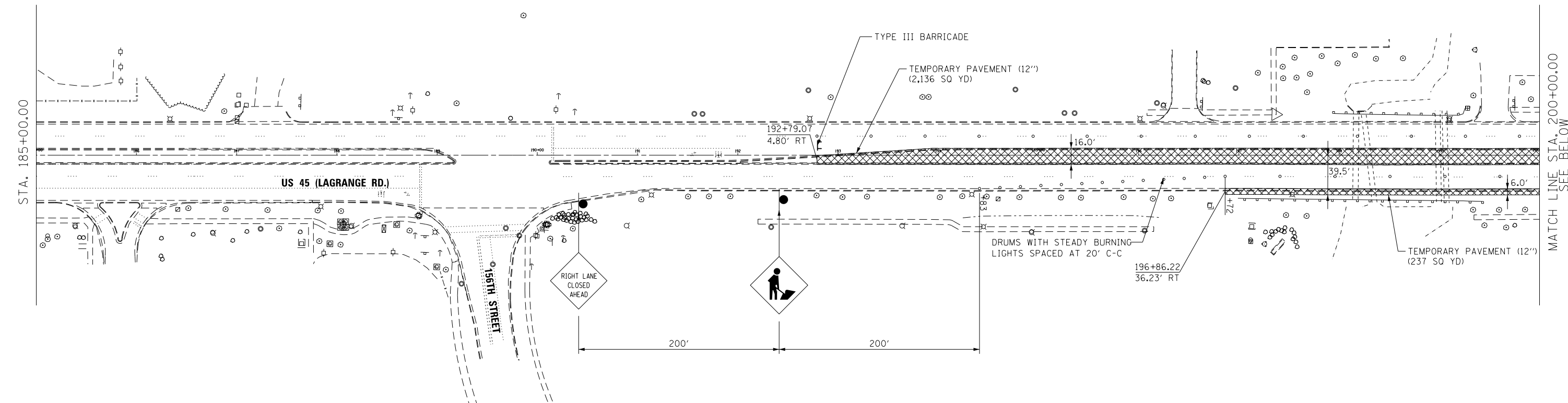
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D160W07-SHT-MOT01.dgn		DRAWN - YSK	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - ---	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	21
MT-01			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



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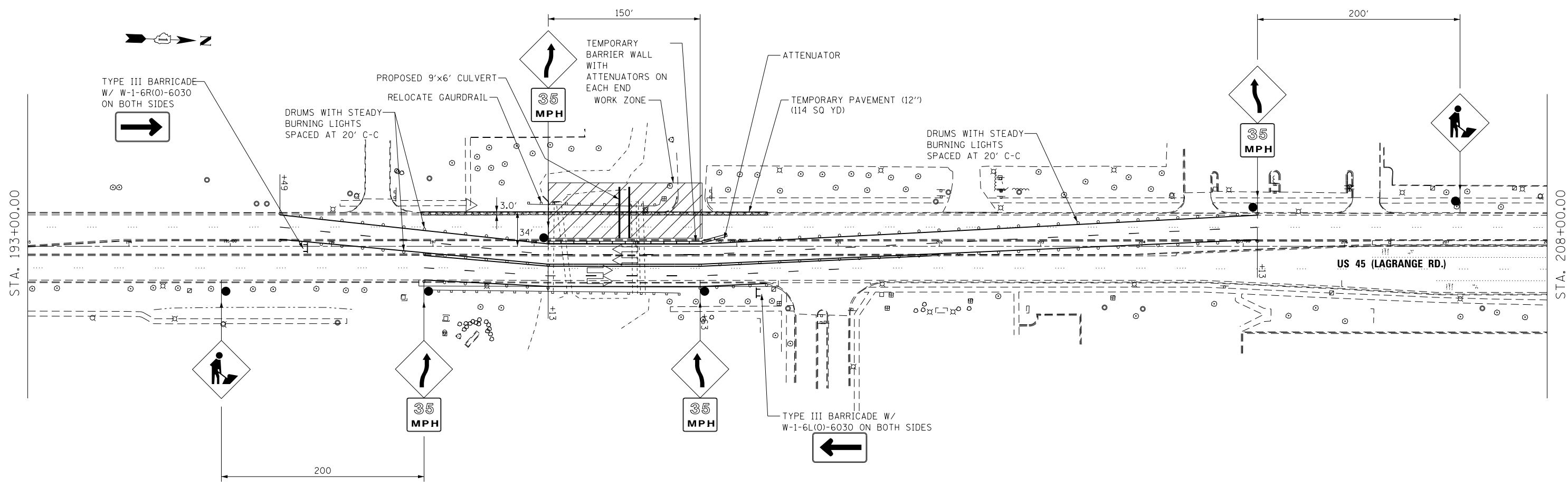
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		DRAWN - YSK	REVISED -
		CHECKED - MJT	REVISED -
SHT_DOUBLE PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGE 1 PLAN
 US 55 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. 195+00.00 TO STA. 225+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 22
MT-02		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				



LEGEND	
	CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT PLACED IN THIS STAGE
	DIRECTION OF TRAFFIC
	CHANNELIZATION DRUM
	TYPE III BARRICADE LOCATION
	TRAFFIC SIGN

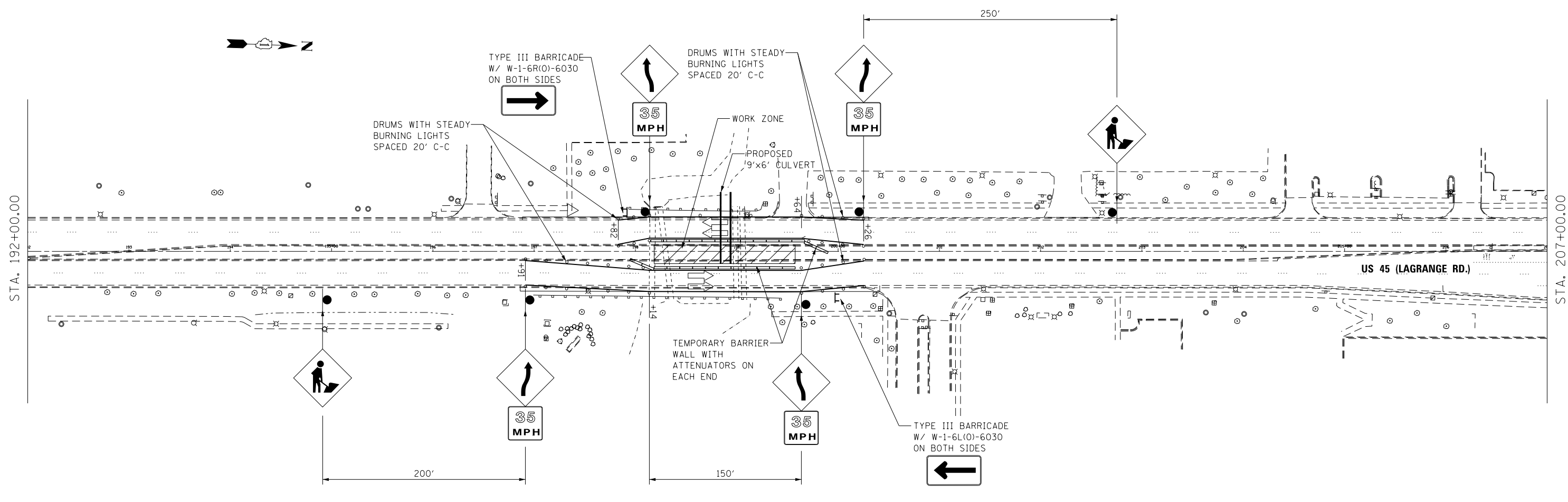
100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 935-1000
 FAX (312) 935-4198

FILE NAME = D160W07-SHT-MOT03.dgn	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -
		DRAWN - YSK	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1A PLAN			
US 45 (LAGRANGE ROAD)			
SCALE: 1"=50'	SHEET 3 OF 5 SHEETS	STA. 193+00.00 TO STA. 208+00.00	

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 23
MT-03			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



LEGEND	
	CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT PLACED IN THIS STAGE
	DIRECTION OF TRAFFIC
	CHANNELIZATION DRUM
	TYPE III BARRICADE LOCATION
	TRAFFIC SIGN

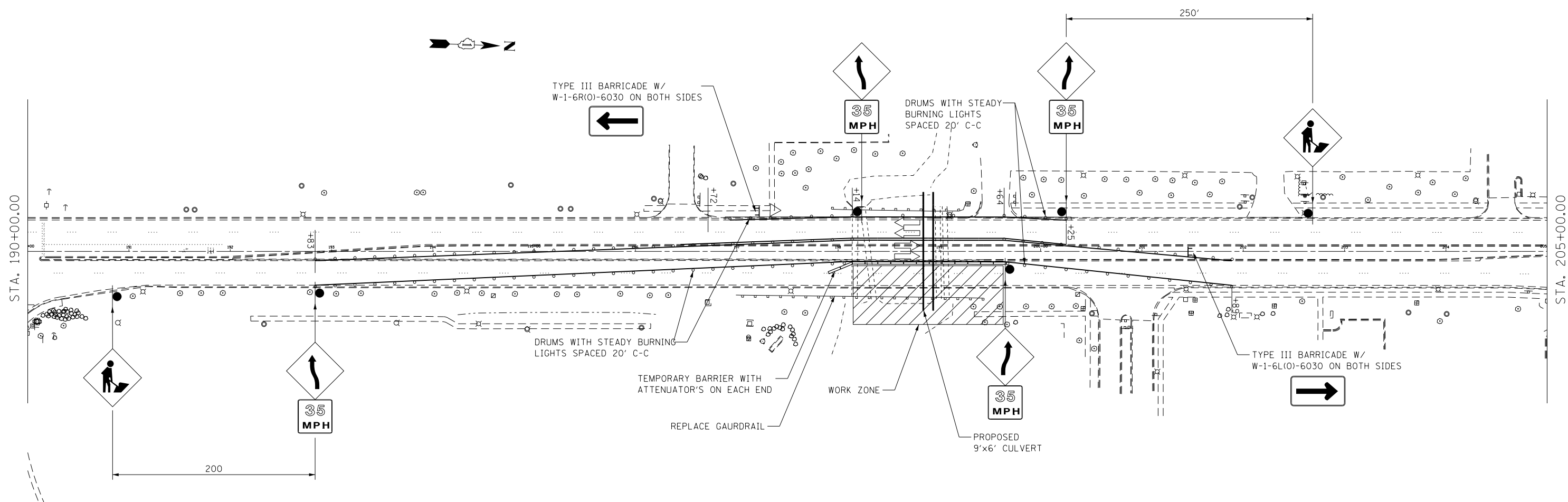
100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
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FILE NAME = D160W07-SHT-MOT04.dgn	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -
		DRAWN - YSK	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC BOX CULVERT			
STAGE 2 PLAN			
US 45 (LAGRANGE ROAD)			
SCALE: 1"=50'	SHEET 4 OF 5 SHEETS	STA. 195+00.00 TO STA. 225+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	24
MT-04			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



LEGEND	
	CONSTRUCTION WORK ZONE
	TEMPORARY PAVEMENT PLACED IN THIS STAGE
	DIRECTION OF TRAFFIC
	CHANNELIZATION DRUM
	TYPE III BARRICADE LOCATION
	TRAFFIC SIGN

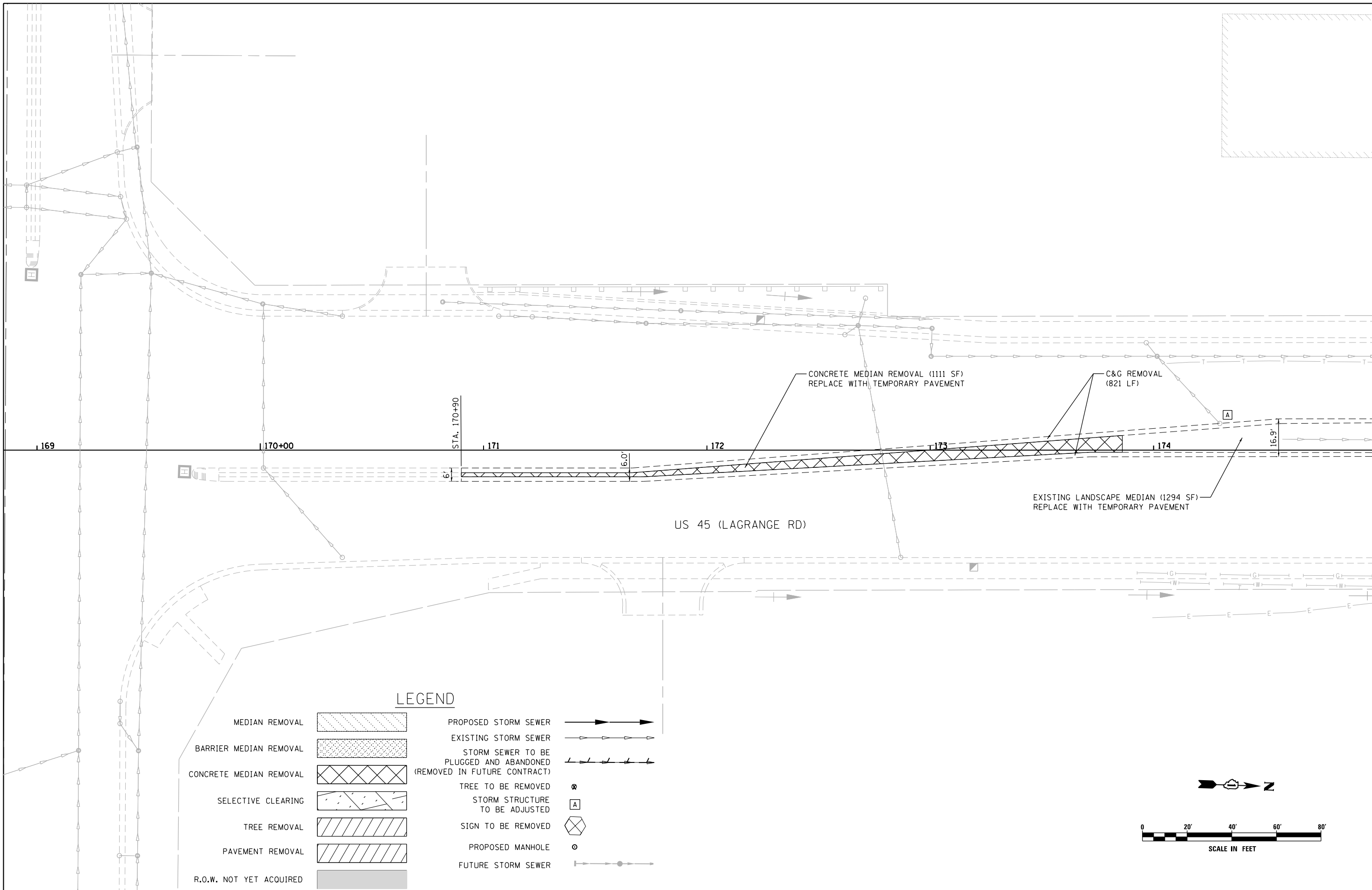
100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4198

FILE NAME = D160W07-SHT-MOT05.dgn	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -
		DRAWN - YSK	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC BOX CULVERT STAGE 3 PLAN US 45 (LAGRANGE ROAD)			
SCALE: 1"=50'	SHEET 5 OF 5 SHEETS	STA. 195+00.00 TO STA. 225+00.00	

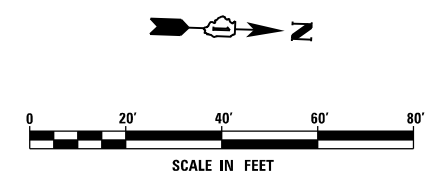
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	25
MT-05			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 175+00.00
 SEE DRAWING P-2

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



FILE NAME = D160W09-SHT-DRAINPR01.dgn
 SHT.PLAN

USER NAME = Anthony.Plutz
 DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 01/02/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

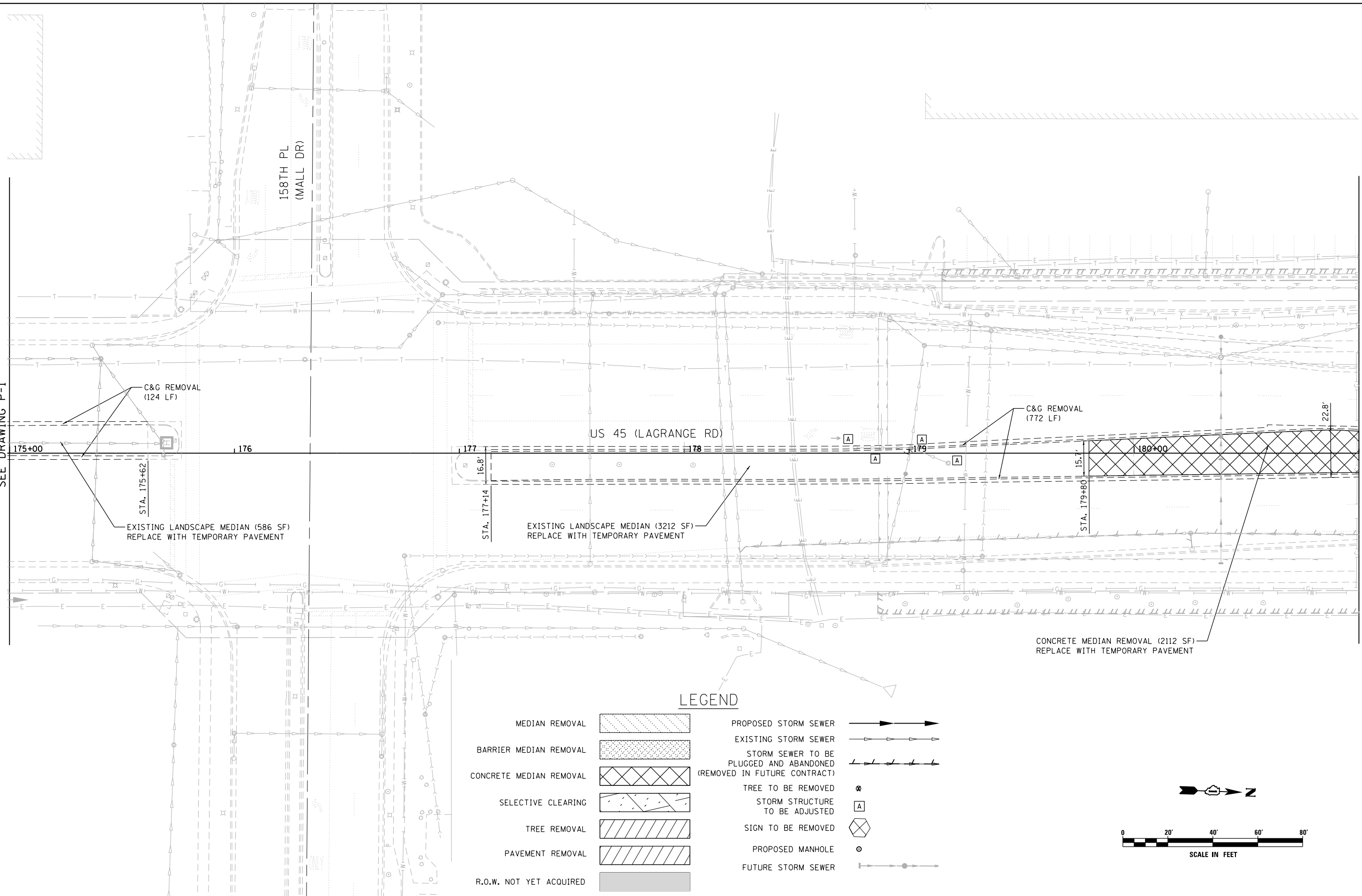
REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 1 OF 37 SHEETS STA. BEGIN TO STA. 175+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	26
P-1			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

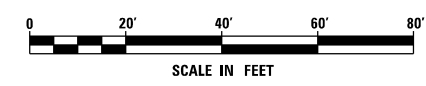
MATCH LINE STA. 175+00
 SEE DRAWING P-1

MATCH LINE STA. 181+00.00
 SEE DRAWING P-3



LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



FILE NAME = D:\160W09-SHT-DRAINPR02.dgn
 SHT.PLAN

USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - EJD	REVISED -
PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
	DATE - 01/02/13	REVISED -

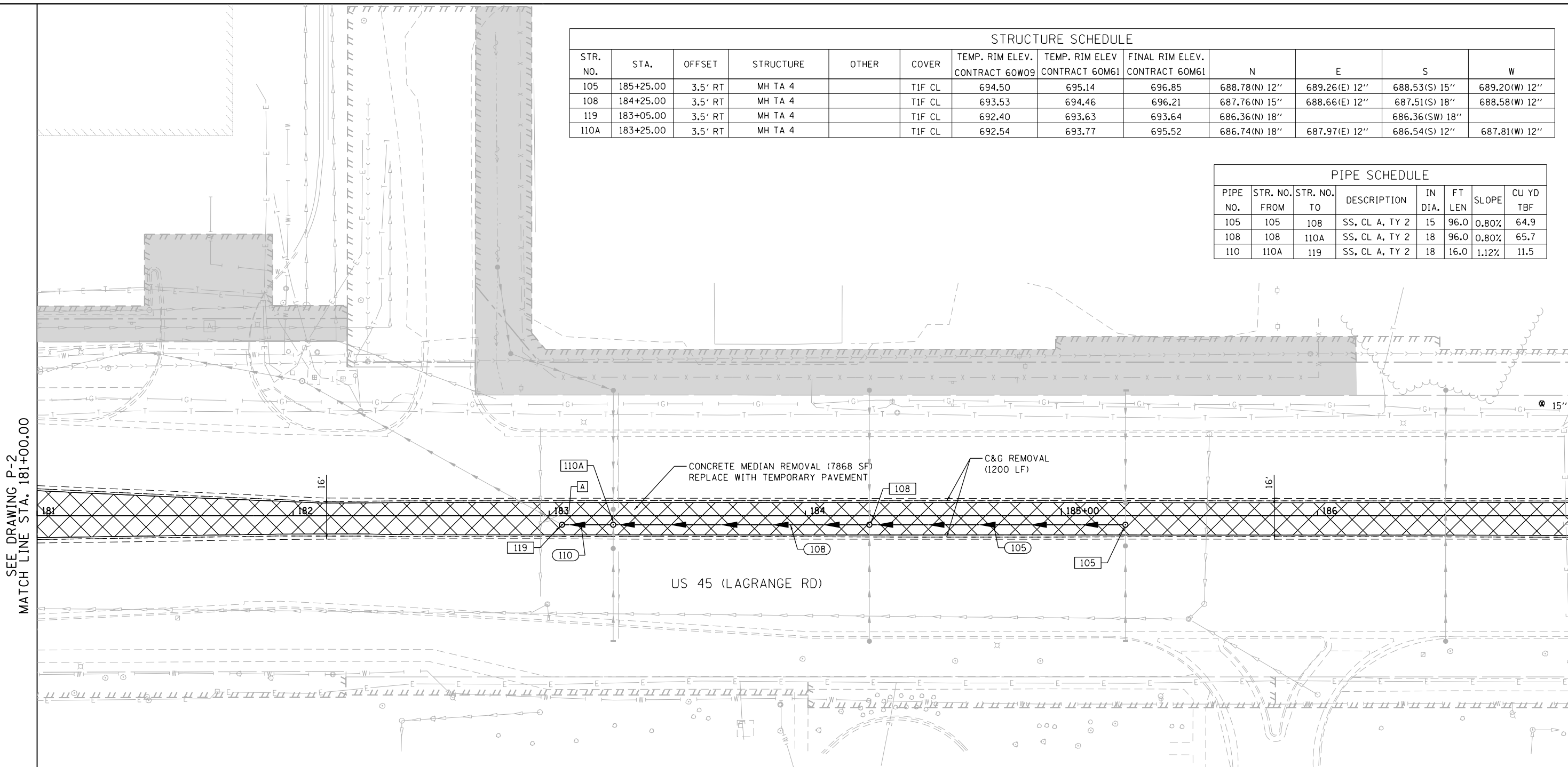
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN
 SCALE: 1"=20' SHEET 2 OF 37 SHEETS STA. BEGIN TO STA. 181+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 27
P-2			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV. CONTRACT 60W09	TEMP. RIM ELEV. CONTRACT 60M61	FINAL RIM ELEV. CONTRACT 60M61	N	E	S	W
105	185+25.00	3.5' RT	MH TA 4		T1F CL	694.50	695.14	696.85	688.78(N) 12"	689.26(E) 12"	688.53(S) 15"	689.20(W) 12"
108	184+25.00	3.5' RT	MH TA 4		T1F CL	693.53	694.46	696.21	687.76(N) 15"	688.66(E) 12"	687.51(S) 18"	688.58(W) 12"
119	183+05.00	3.5' RT	MH TA 4		T1F CL	692.40	693.63	693.64	686.36(N) 18"		686.36(SW) 18"	
110A	183+25.00	3.5' RT	MH TA 4		T1F CL	692.54	693.77	695.52	686.74(N) 18"	687.97(E) 12"	686.54(S) 12"	687.81(W) 12"

PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN DIA.	FT LEN	SLOPE	CU YD TBF
105	105	108	SS, CL A, TY 2	15	96.0	0.80%	64.9
108	108	110A	SS, CL A, TY 2	18	96.0	0.80%	65.7
110	110A	119	SS, CL A, TY 2	18	16.0	1.12%	11.5



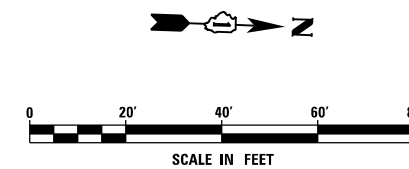
SEE DRAWING P-2
MATCH LINE STA. 181+00.00

MATCH LINE STA. 187+00.00
SEE DRAWING P-4

LEGEND

- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
- TREE TO BE REMOVED
- STORM STRUCTURE TO BE ADJUSTED
- SIGN TO BE REMOVED
- PROPOSED MANHOLE
- FUTURE STORM SEWER

DISCOVERY CLOTHING



100 S. WACKER DR.
1000 N. MICHIGAN
CHICAGO, IL 60606
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FAX (312) 935-4998

URS

FILE NAME = D:\160W09-SHT-DRAINPR03.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 40.0000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

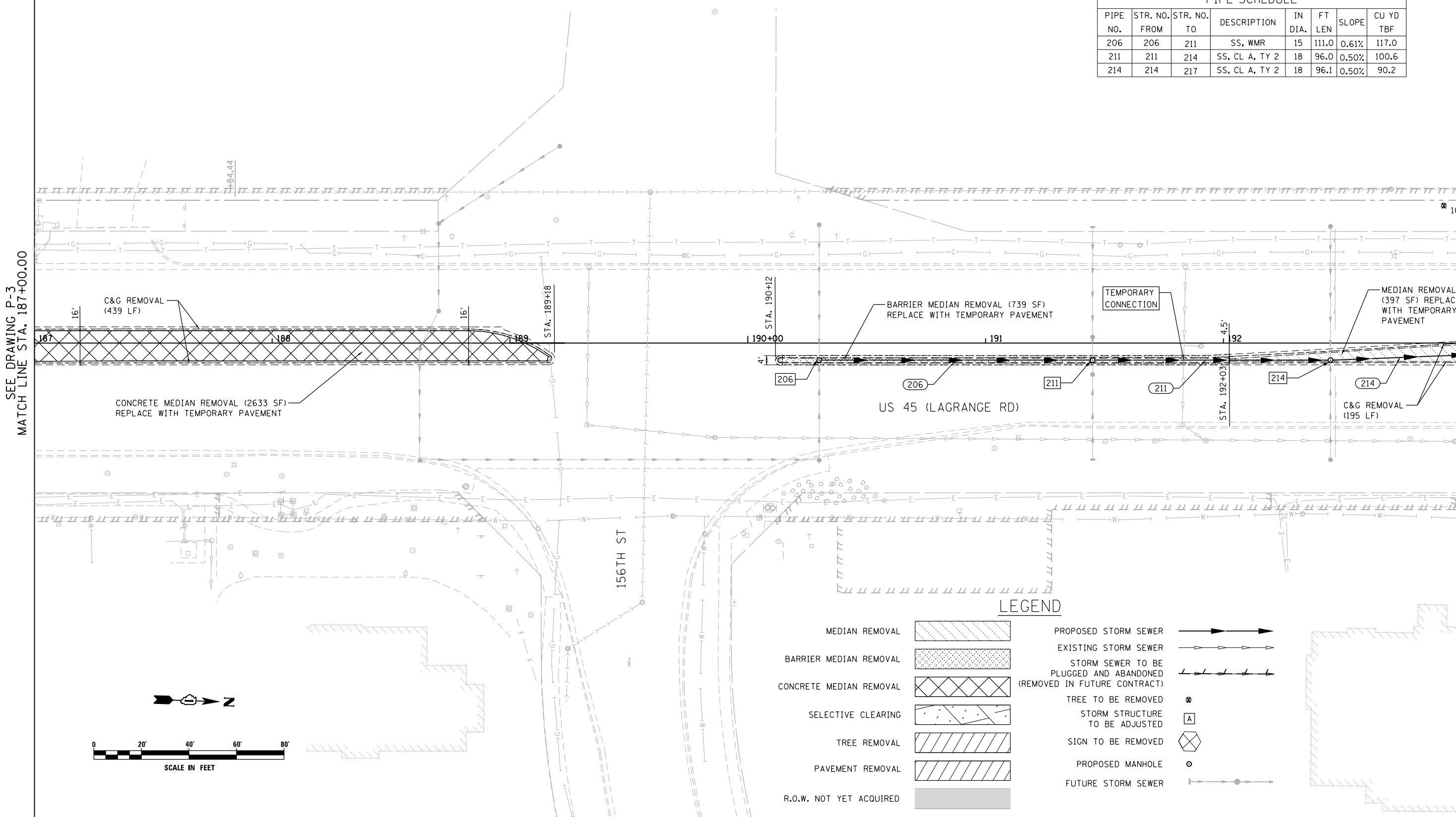
REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 3 OF 37 SHEETS STA. 181+00.00 TO STA. 187+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 28
P-3		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV.	TEMP. RIM ELEV.	FINAL RIM ELEV.	N	E	S	W
						CONTRACT 60W09	CONTRACT 60M61	CONTRACT 60M61				
206	190+30.00	7.2' RT	MH TA 4		TIF CL	694.21	694.80	696.61	686.09(N) 15"	686.19(E) 15"		688.94(W) 12"
211	191+45.00	7.2' RT	MH TA 4		TIF CL	693.16	693.55	695.36	685.16(N) 18"	687.77(E) 12"	685.41(S) 15"	687.57(W) 12"
214	192+45.00	7.2 RT	MH TA 4		TIF CL	692.20	692.47	694.23	684.58(N) 18"	686.53(E) 12"	684.68(S) 18"	686.53(W) 12"

PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN	FT	SLOPE	CU YD
				DIA.	LEN		TBF
206	206	211	SS, WMR	15	111.0	0.61%	117.0
211	211	214	SS, CL A, TY 2	18	96.0	0.50%	100.6
214	214	217	SS, CL A, TY 2	18	96.1	0.50%	90.2

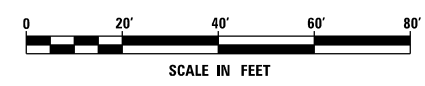


SEE DRAWING P-3
MATCH LINE STA. 187+00.00

MATCH LINE STA. 193+00.00
SEE DRAWING P-5

LEGEND

- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
- TREE TO BE REMOVED
- STORM STRUCTURE TO BE ADJUSTED
- SIGN TO BE REMOVED
- PROPOSED MANHOLE
- FUTURE STORM SEWER



URS
100 S. WACKER DR.
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CHICAGO, IL 60606
TEL (312) 935-1000
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FILE NAME = D:\160W09-SHT-DRAINPR04.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

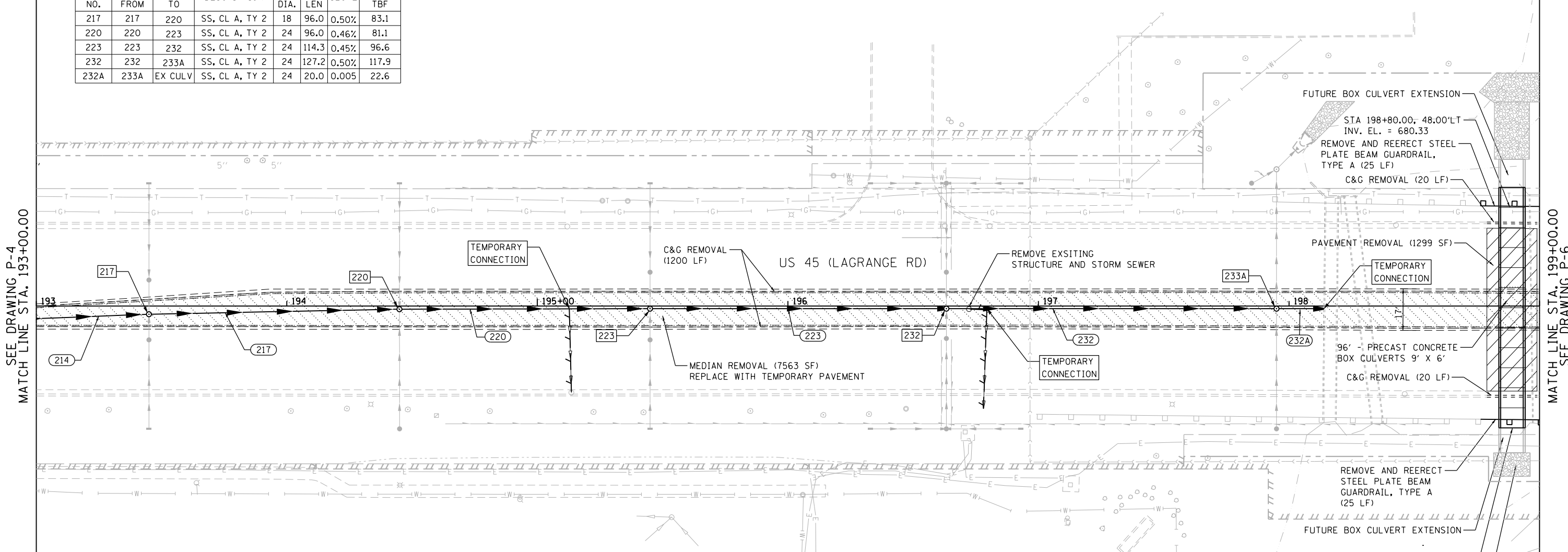
SCALE: 1"=20' SHEET 4 OF 37 SHEETS STA. 187+00.00 TO STA. 193+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 29
P-4		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV. CONTRACT 60W09	TEMP. RIM ELEV. CONTRACT 60M61	FINAL RIM ELEV. CONTRACT 60M61	N	E	S	W
217	193+45.00	3.3' RT	MH TA 4		T1F CL	691.07	691.43	693.06	684.00(N) 18"	685.65(E) 12"	684.10(S) 18"	685.53(W) 12"
220	194+45.00	1.26' RT	MH TA 4		T1F CL	689.97	690.38	691.93	683.02(N) 24"	684.49(E) 12"	683.52(S) 18"	684.49(W) 12"
223	195+45.00	1' RT	MH TA 4		T1F CL	689.02	689.45	690.98	682.48(N) 24"	684.62(E) 12"	682.58(S) 24"	684.62(W) 12"
232	196+63.30	1' RT	MH TA 4		T1F CL	688.55	689.04	690.47	681.86(N) 24"	684.12(E) 12"	681.96(S) 24"	684.11(W) 12"
233A	197+95.00	1' RT	MH TA 5		T1F CL	688.61	689.39	690.94	681.23(N) 24"	683.44(E) 12"	681.23(S) 24"	683.34(W) 24"

PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN DIA.	FT LEN	SLOPE	CU YD TBF
217	217	220	SS, CL A, TY 2	18	96.0	0.50%	83.1
220	220	223	SS, CL A, TY 2	24	96.0	0.46%	81.1
223	223	232	SS, CL A, TY 2	24	114.3	0.45%	96.6
232	232	233A	SS, CL A, TY 2	24	127.2	0.50%	117.9
232A	233A	EX CULV	SS, CL A, TY 2	24	20.0	0.005	22.6

PRECAST CONCRETE BOX CULVERT 9' x 6'
96' LENGTH
ASTM C 1577; 198+89.00; 0° SKEW; DESIGN FILL, 3.2FT.



LEGEND	
MEDIAN REMOVAL	PROPOSED STORM SEWER
BARRIER MEDIAN REMOVAL	EXISTING STORM SEWER
CONCRETE MEDIAN REMOVAL	STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
SELECTIVE CLEARING	TREE TO BE REMOVED
TREE REMOVAL	STORM STRUCTURE TO BE ADJUSTED
PAVEMENT REMOVAL	SIGN TO BE REMOVED
R.O.W. NOT YET ACQUIRED	PROPOSED MANHOLE
	FUTURE STORM SEWER

SEE DRAWING P-4
MATCH LINE STA. 193+00.00

MATCH LINE STA. 199+00.00
SEE DRAWING P-6

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

FILE NAME = D:\60W09-SHT-DRAINPR05.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 48.0000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/18/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

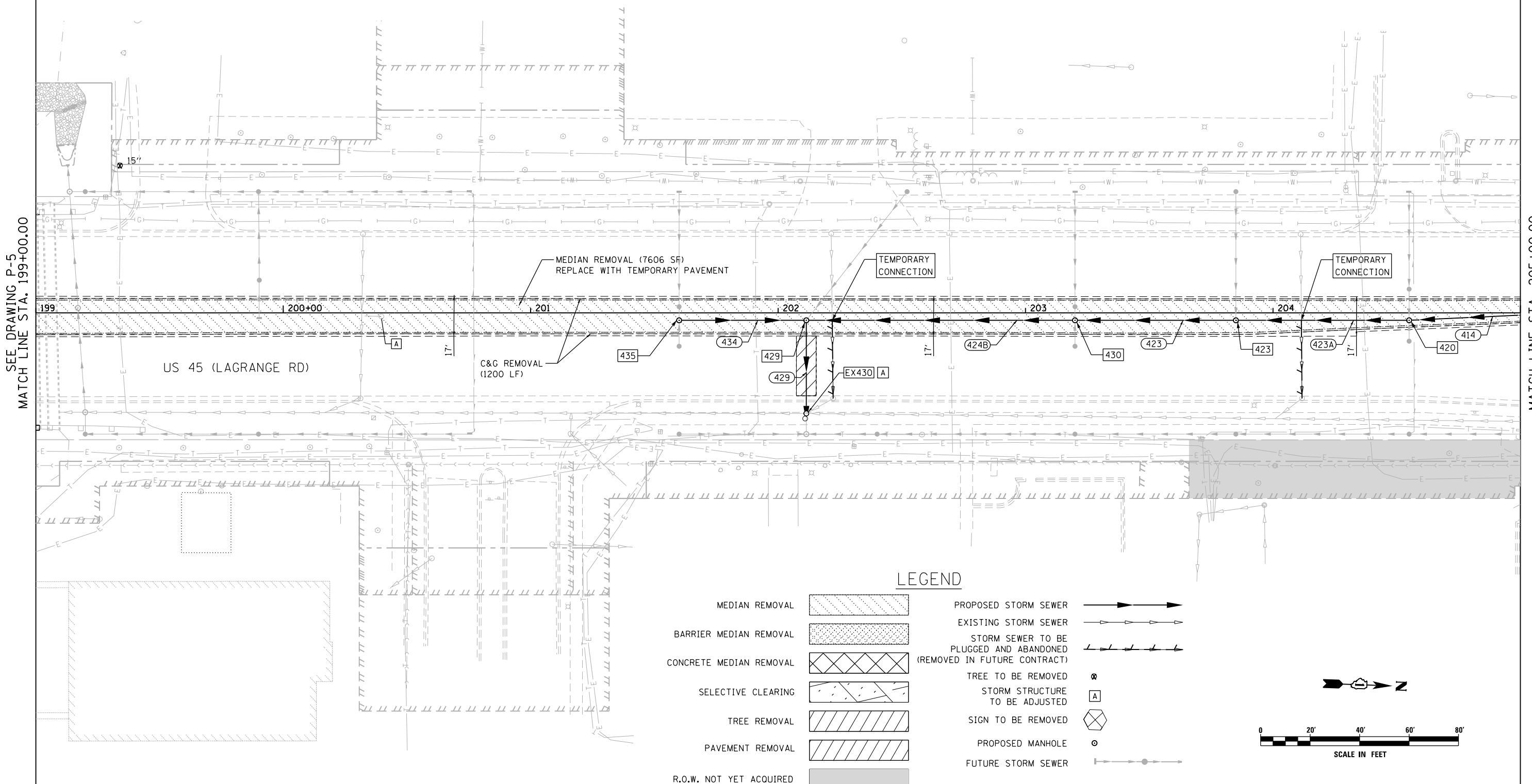
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN
SCALE: 1"=20' SHEET 5 OF 37 SHEETS STA. 193+00.00 TO STA. 199+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 30
P-5		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

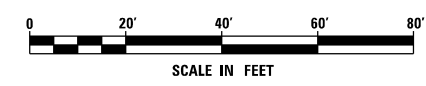
PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN DIA.	FT LEN	SLOPE	CU YD TBF
423	423	430	SS, CL A, TY 2	18	61.0	0.54%	48.4
423A	420	423	SS, CL A, TY 2	15	66.0	0.53%	49.2
424B	430	429	SS, CL A, TY 2	18	104.1	0.54%	90.1
429	429	EX430	SS, CL A, TY 2	18	36.0	0.61%	32.5
434	435	429	SS, CL A, TY 2	12	46.9	1.11%	18.0

STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV.	TEMP. RIM ELEV.	FINAL RIM ELEV.	N	E	S	W
						CONTRACT 60W09	CONTRACT 60M61	CONTRACT 60M61				
420	204+55.00	3' RT	MH TA 4		T1F CL	691.07	691.72	693.35	684.89(N) 15"	687.03(E) 12"	684.79(S) 15"	685.80(W) 12"
423	203+85.00	3' RT	MH TA 4		T1F CL	690.70	691.46	693.16	684.44(N) 15"		684.19(S) 18"	685.50(W) 12"
430	203+20.00	3' RT	MH TA 4		T1F CL	690.41	691.23	692.98	683.86(N) 18"	685.75(E) 12"	683.76(S) 18"	685.23(W) 12"
429	202+11.40	3' RT	MH TA 5		T1F CL	690.06	690.85	692.59	683.20(N) 18"	683.10(E) 18"	684.22(S) 12"	685.76(NW) 12"
EX430	202+11.40	40.5' RT	ADJ MH					690.12	681.96(N) 48"	682.29(E) 18"	682.26(S) 48"	682.88(W) 18"
435	201+60.00	3' RT	MH TA 4		T1F CL	689.96	690.66	692.41	684.74(N) 12"	685.88(E) 12"		684.84(W) 12"



LEGEND

- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
- TREE TO BE REMOVED
- STORM STRUCTURE TO BE ADJUSTED
- SIGN TO BE REMOVED
- PROPOSED MANHOLE
- FUTURE STORM SEWER



SEE DRAWING P-5
MATCH LINE STA. 199+00.00

MATCH LINE STA. 205+00.00
SEE DRAWING P-7

URS
100 S. WACKER DR.
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CHICAGO, IL 60606
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FILE NAME = D:\160W09-SHT-DRAINPR06.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JWM	DRAWN - EJD	REVISED -
PLOT DATE = 1/7/2013	DATE - 01/02/13		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

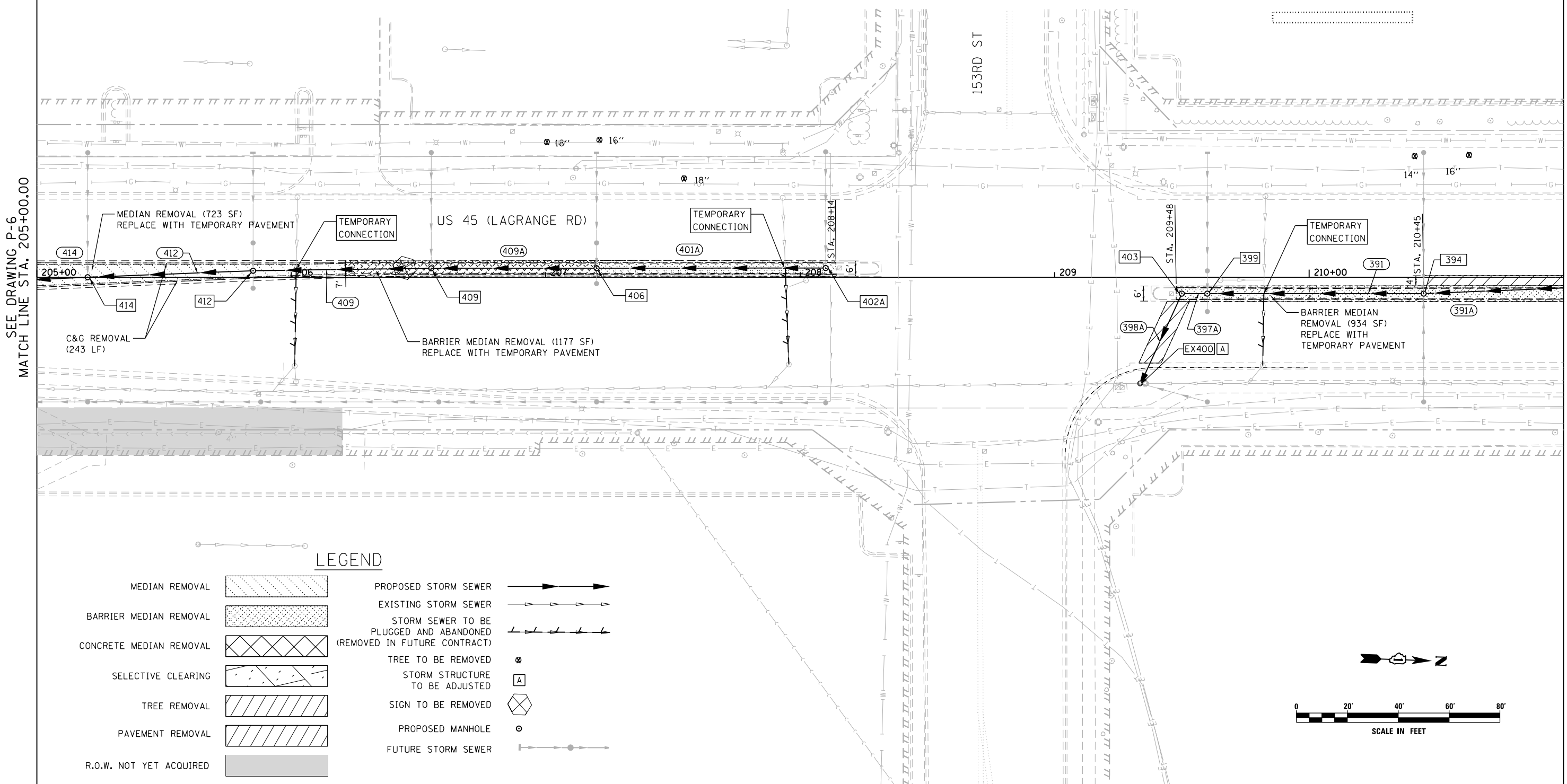
PROPOSED DRAINAGE PLAN - US 55 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 6 OF 37 SHEETS STA. 199+00.00 TO STA. 205+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 31
P-6			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN DIA.	FT LEN	SLOPE	CU YD TBF
391A	391	394	SS, CL A, TY 2	12	81.1	1.04%	17.4
397A	399	403	SS, CL A, TY 1	18	6.0	1.33%	0.9
398A	403	EX400	SS, CL A, TY 2	18	33.9	1.12%	11.3
391	394	399	SS, CL A, TY 1	15	81.0	1.04%	13.5
401A	402A	406	SS, CL A, TY 2	12	86.0	1.00%	29.3
409	409	412	SS, CL A, TY 2	12	66.0	0.53%	41.7
409A	406	409	SS, CL A, TY 2	12	61.0	0.54%	23.4
412	412	414	SS, CL A, TY 2	15	61.1	0.52%	41.3
414	414	420	SS, CL A, TY 2	15	61.1	0.52%	45.5

STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV. CONTRACT 60W09	TEMP. RIM ELEV CONTRACT 60M61	FINAL RIM ELEV. CONTRACT 60M61	N	E	S	W
394	210+45.00	6.4' RT	MH TA 4		T1F CL	695.07	697.20	698.99	691.62(N) 12"	691.44(E) 12"	691.37(S) 15"	691.33(W) 12"
399	209+60.00	6.4' RT	MH TA 4		T1F CL	693.80	695.91	697.70	690.53(N) 15"	691.21(E) 12"	690.28(S) 18"	691.21(W) 12"
EX400	209+33.60	41.7' RT	ADJ MH					694.81	684.73(N) 48"	690.29(NE) 12"	684.68(S) 48"	689.31(NW) 18"
402A	208+10.00	3.6' LT	MH TA 4		T1F CL	692.31	693.84	693.56			687.62(S) 12"	687.76(W) 12"
403	209+50.00	6.4' RT	MH TA 4		T1F CL	693.67	695.76	697.38	690.20(N) 18"		689.69(SE) 18"	
406	207+20.00	3.5' LT	MH TA 4		T1F CL	691.96	692.92	694.38	686.76(N) 12"	686.66(E) 12"	686.66(S) 12"	686.67(W) 12"
409	206+55.00	3.5' LT	MH TA 4		T1F CL	691.73	692.53	694.00	686.33(N) 12"		686.23(S) 12"	686.56(W) 12"
412	205+85.00	2.6' LT	MH TA 4		T1F CL	691.48	692.27	693.75	685.88(N) 12"	686.71(E) 12"	685.63(S) 15"	685.95(W) 12"
414	205+20.00	' LT	MH TA 4		T1F CL	691.32	691.99	693.53	685.31(N) 15"		685.21(S) 15"	686.10(W) 12"



LEGEND

- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
- TREE TO BE REMOVED
- STORM STRUCTURE TO BE ADJUSTED
- SIGN TO BE REMOVED
- PROPOSED MANHOLE
- FUTURE STORM SEWER

100 S. WACKER DR.
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URS

FILE NAME = D160W09-SHT-DRAINPR07.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 7 OF 37 SHEETS STA. 205+00.00 TO STA. 211+00.00

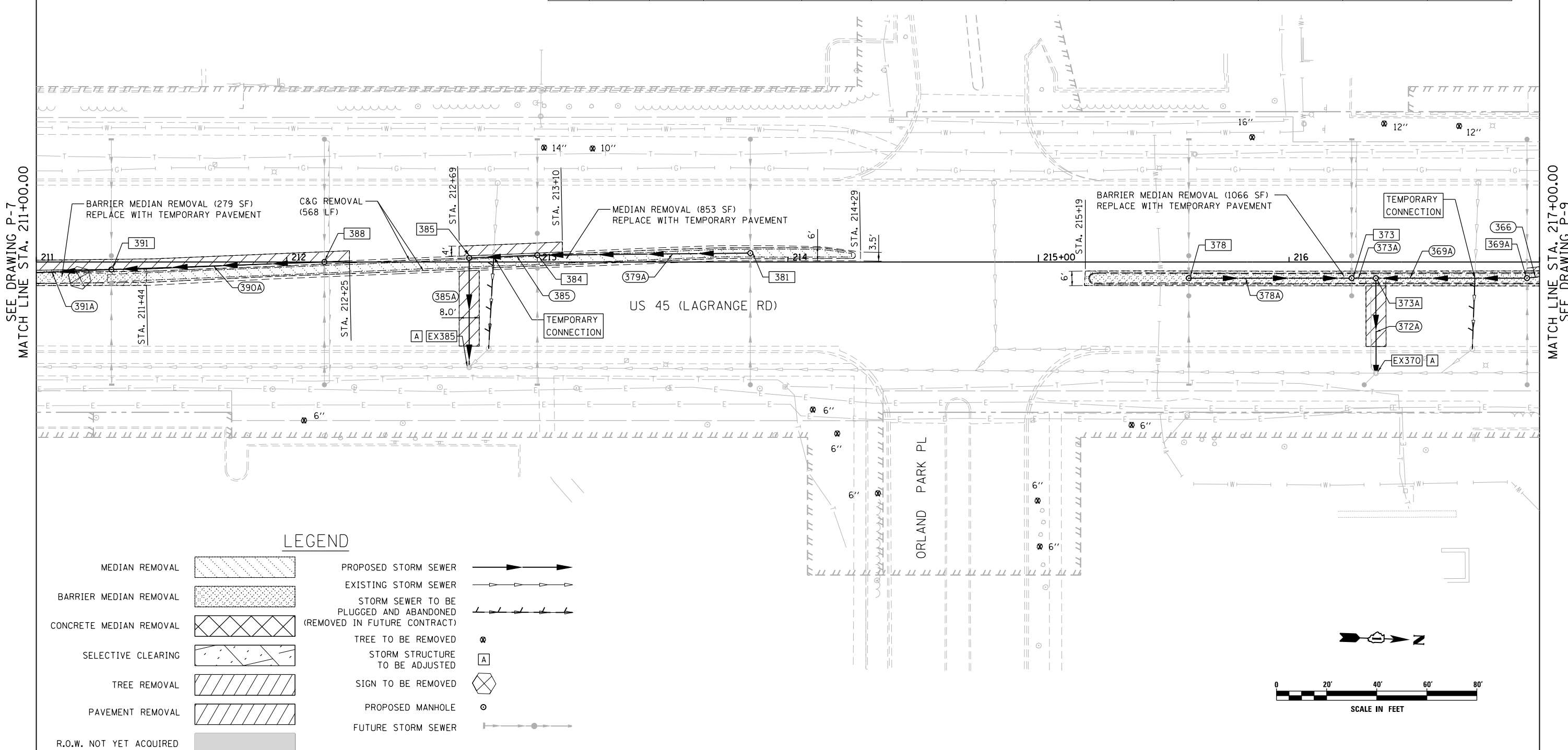
F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 32
P-7			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

SEE DRAWING P-6
MATCH LINE STA. 205+00.00

MATCH LINE STA. 211+00.00
SEE DRAWING P-8

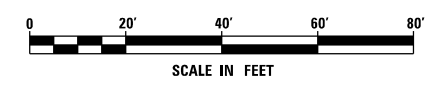
PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN DIA.	FT LEN	SLOPE	CU YD TBF
369A	369A	373A	SS, CL A, TY 2	15	56.3	1.05%	36.1
372A	373A	EX370	SS, CL A, TY 2	15	32.9	0.94%	24.5
373A	373	373A	SS, CL A, TY 2	12	5.7	1.05%	3.6
378A	378	373	SS, CL A, TY 2	12	61.0	0.70%	20.8
379A	381	384	SS, CL A, TY 2	12	81.0	1.02%	22.5
385	384	385	SS, CL A, TY 2	12	23.2	1.08%	6.9
385A	385	EX385	SS, CL A, TY 2	12	38.7	0.57%	14.0
390A	388	391	SS, CL A, TY 2	12	81.1	1.04%	19.1

STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV.	TEMP. RIM ELEV.	FINAL RIM ELEV.	N	E	S	W
						CONTRACT 60W09	CONTRACT 60M61	CONTRACT 60M61				
369A	216+95.00	6.5' RT	MH TA 4		T1F CL	703.64	704.91	705.37	698.33(NW) 12"	699.15(E) 12"	698.23(S) 12"	699.03(W) 12"
EX370	216+34.70	44.4' RT	ADJ MH					703.90	686.91(N) 48"	699.24(SE) 12"	686.81(S) 48"	697.28(W) 12"
373	216+25.00	6.5' RT	MH TA 4		T1F CL	703.35	704.63	706.42	697.70(N) 12"	698.75(E) 12"	697.80(S) 12"	698.75(W) 12"
373A	216+34.70	6.5' RT	MH TA 4		T1F CL	703.39	704.67	706.46	697.64(N) 12"	697.59(E) 15"	697.64(S) 12"	
378	215+60.00	6.5' RT	MH TA 4		T1F CL	702.88	704.31	706.11	698.23(N) 12"			698.33(W) 12"
381	213+85.00	3.6' LT	MH TA 4		T1F CL	701.12	702.52	704.16		696.58(E) 12"	696.48(S) 12"	696.58(W) 12"
384	213+00.00	2.7' LT	MH TA 4		T1F CL	699.84	701.22	702.73	695.65(N) 12"	695.16(E) 12"	695.06(S) 12"	695.29(W) 12"
EX385	212+72.80	42.1' RT	ADJ MH					699.96	685.88(N) 48"		685.78(S) 48"	694.39(W) 12"
385	212+72.80	1.6' LT	MH TA 4		T1F CL	699.36	700.79	702.34	694.81(N) 12"	694.61(E) 12"		
388	212+15.00	' RT	MH TA 4		T1F CL	698.35	699.88	699.77	693.96(E) 12"	693.87(S) 12"	693.87(S) 12"	693.97(W) 12"
391	211+30.00	3' RT	MH TA 4		T1F CL	696.71	698.54	698.55	693.03(N) 12"	692.75(E) 12"	692.46(S) 12"	692.66(W) 12"



LEGEND

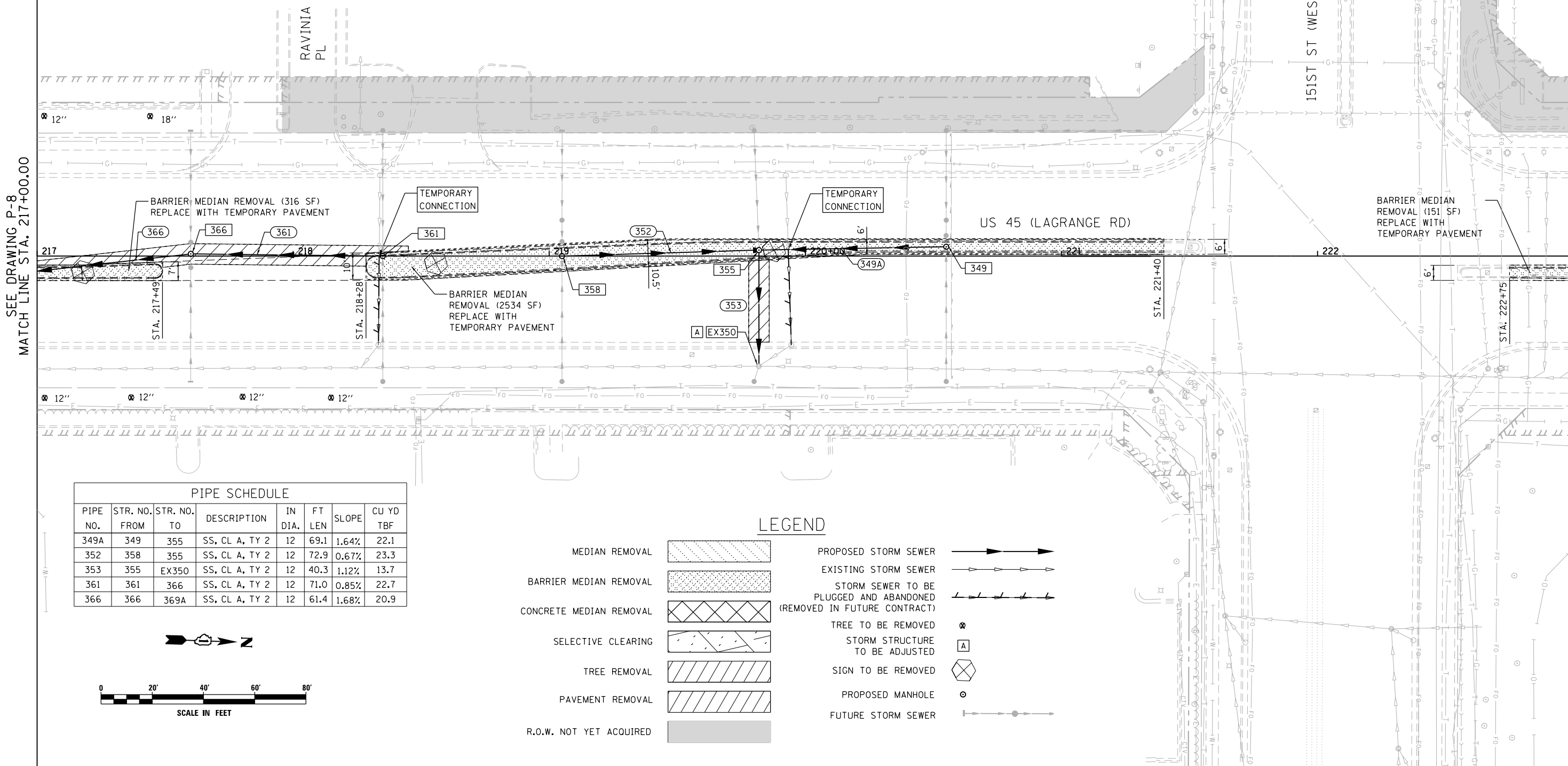
- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
- TREE TO BE REMOVED
- STORM STRUCTURE TO BE ADJUSTED
- SIGN TO BE REMOVED
- PROPOSED MANHOLE
- FUTURE STORM SEWER



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URS

FILE NAME = D160W09-SHT-DRAINPR08.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN			F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 33
PLOT SCALE = 48.0000' / in.	CHECKED - JWM	REVISIED -	REVISIED -		SCALE: 1"=20'	SHEET 8 OF 37 SHEETS	STA. 211+00.00 TO STA. 217+00.00	P-8		CONTRACT NO. 60W09	ILLINOIS FED. AID PROJECT	
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISIED -									

STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV. CONTRACT 60W09	TEMP. RIM ELEV. CONTRACT 60M61	FINAL RIM ELEV. CONTRACT 60M61	N	E	S	W
349	220+55.00	3.6' LT	MH TA 4		TIF CL	704.88	706.54	706.34		700.64(E) 12"	700.51(S) 12"	700.61(W) 12"
EX350	219+81.90	43' RT	ADJ MH					705.36	688.43(N) 42"	700.68(SE) 12"	688.48(S) 48"	699.70(W) 12"
355	219+81.90	2.3' LT	MH TA 4		TIF CL	704.66	706.22	706.05	699.38(N) 12"	700.15(E) 12"	699.38(S) 12"	700.25(W) 12"
358	219+05.00	' RT	MH TA 4		TIF CL	704.37	705.87	705.78	699.87(N) 12"	699.97(E) 12"		700.01(W) 12"
361	218+35.00	' RT	MH TA 4		TIF CL	704.15	705.57	705.49		699.68(E) 12"	699.58(S) 12"	699.68(W) 12"
366	217+60.00	0.8' LT	MH TA 4		TIF CL	703.95	705.28	705.25	698.98(N) 12"	699.37(E) 12"	699.36(S) 12"	699.36(W) 12"



PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN DIA.	FT LEN	SLOPE	CU YD TBF
349A	349	355	SS, CL A, TY 2	12	69.1	1.64%	22.1
352	358	355	SS, CL A, TY 2	12	72.9	0.67%	23.3
353	355	EX350	SS, CL A, TY 2	12	40.3	1.12%	13.7
361	361	366	SS, CL A, TY 2	12	71.0	0.85%	22.7
366	366	369A	SS, CL A, TY 2	12	61.4	1.68%	20.9

LEGEND

MEDIAN REMOVAL		PROPOSED STORM SEWER	
BARRIER MEDIAN REMOVAL		EXISTING STORM SEWER	
CONCRETE MEDIAN REMOVAL		STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)	
SELECTIVE CLEARING		TREE TO BE REMOVED	
TREE REMOVAL		STORM STRUCTURE TO BE ADJUSTED	
PAVEMENT REMOVAL		SIGN TO BE REMOVED	
R.O.W. NOT YET ACQUIRED		PROPOSED MANHOLE	
		FUTURE STORM SEWER	

100 S. WACKER DR.
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URS

FILE NAME = D:\60W09-SHT-DRAINPR09.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JWM	DRAWN - EJD	REVISED -
PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISOR -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

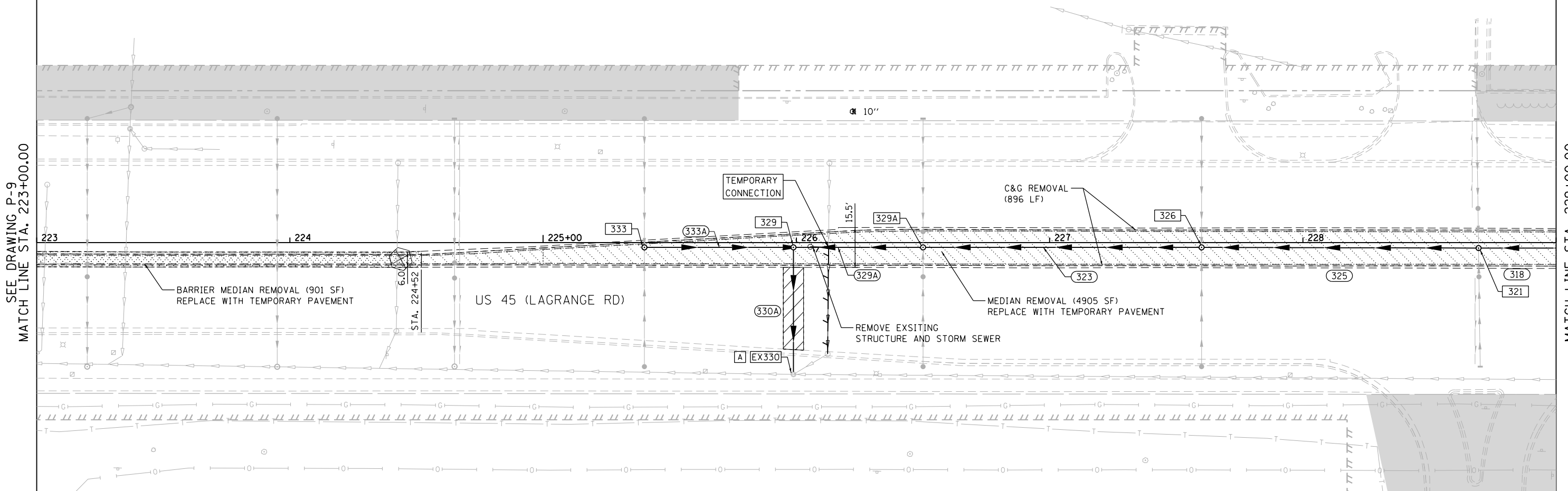
SCALE: 1"=20' SHEET 9 OF 37 SHEETS STA. 217+00.00 TO STA. 223+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	34
P-9		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

SEE DRAWING P-8
MATCH LINE STA. 217+00.00

MATCH LINE STA. 223+00.00
SEE DRAWING P-10

STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	RIM ELEVATIONS			N	E	S	W
						CONTRACT 60W09	CONTRACT 60M61	CONTRACT 60M61				
321	228+70.00	2.2' RT	MH TA 4		T1F CL	710.15	712.10	713.66	705.86(N) 12"	706.27(E) 12"	705.61(S) 15"	706.41(W) 12"
326	227+60.00	1.9' RT	MH TA 4		T1F CL	708.66	710.71	712.79	704.55(N) 15"	704.85(E) 12"	704.30(S) 18"	704.81(W) 12"
329	225+98.84	1.9' RT	MH TA 4		T1F CL	706.99	708.83	711.03	702.66(N) 18"	702.16(E) 24"	701.90(S) 12"	
329A	226+50.00	1.9' RT	MH TA 4		T1F CL	707.37	709.33	711.53	703.24(N) 18"	703.49(E) 12"	703.14(S) 18"	703.44(W) 12"
EX330	225+98.80	52.1' RT	ADJ MH					707.91	700.83(N) 21"		700.70(S) 33"	701.68(W) 24"
333	225+40.00	1.9' RT	MH TA 4		T1F CL	706.64	708.45	708.35	702.46(N) 12"	702.58(E) 12"		702.56(W) 12"



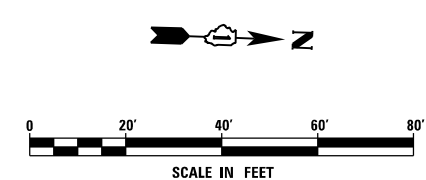
SEE DRAWING P-9
MATCH LINE STA. 223+00.00

MATCH LINE STA. 229+00.00
SEE DRAWING P-11

PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN DIA.	FT LEN	SLOPE	CU YD TBF
323	326	329A	SS, CL A, TY 1	18	106.0	1.00%	27.1
325	321	326	SS, CL A, TY 2	15	106.0	1.00%	27.5
329A	329A	329	SS, CL A, TY 1	18	47.2	1.02%	12.1
330A	329	EX330	SS, WMR	24	46.2	1.04%	19.0
333A	333	329	SS, CL A, TY 2	12	54.8	1.02%	16.4

LEGEND

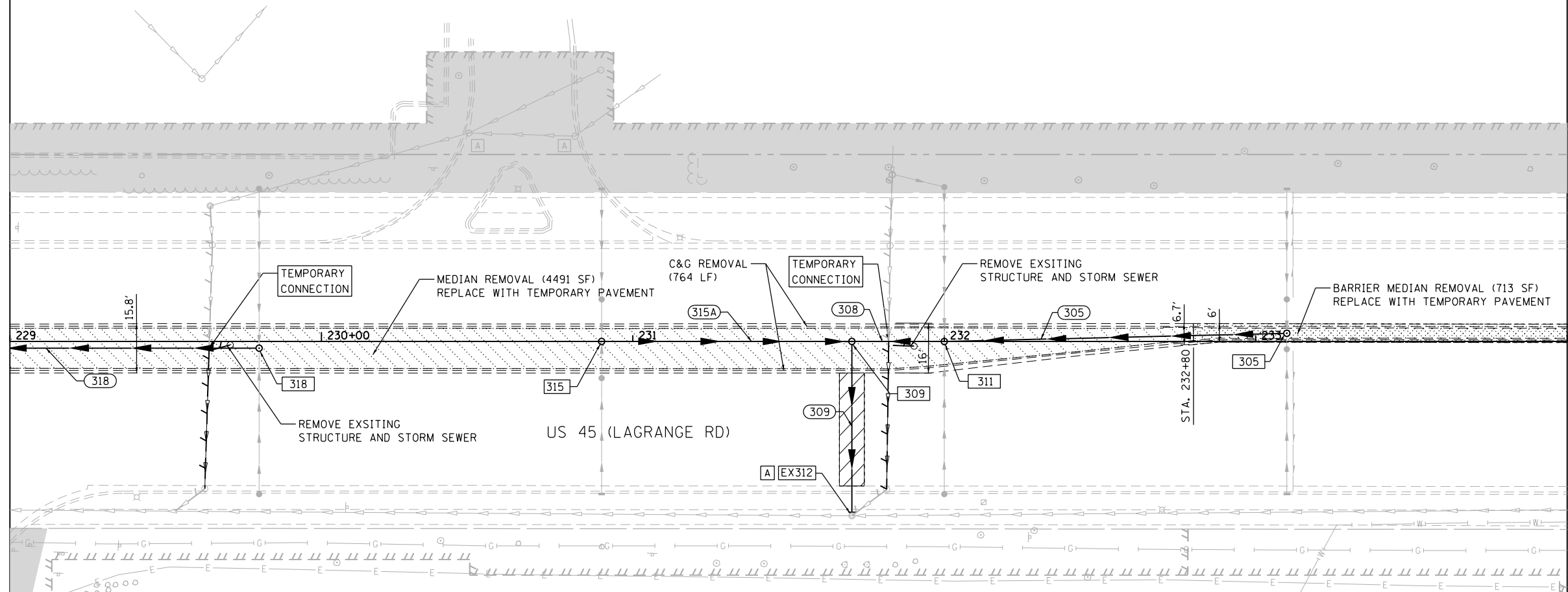
MEDIAN REMOVAL		PROPOSED STORM SEWER	
BARRIER MEDIAN REMOVAL		EXISTING STORM SEWER	
CONCRETE MEDIAN REMOVAL		STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)	
SELECTIVE CLEARING		TREE TO BE REMOVED	
TREE REMOVAL		STORM STRUCTURE TO BE ADJUSTED	
PAVEMENT REMOVAL		SIGN TO BE REMOVED	
R.O.W. NOT YET ACQUIRED		PROPOSED MANHOLE	
		FUTURE STORM SEWER	



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STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV. CONTRACT 60W09	TEMP. RIM ELEV CONTRACT 60M61	FINAL RIM ELEV. CONTRACT 60M61	N	E	S	W
305	233+10.00	2.6' LT	MH TA 4		T1F CL	716.32	717.75	719.24		711.78(E) 12"	711.73(S) 12"	711.83(W) 12"
309	231+70.30	' RT	MH TA 4		T1F CL	714.40	715.94	717.47	710.11(N) 12"	710.11(E) 12"	708.24(S) 12"	
311	232+00.00	' RT	MH TA 4		T1F CL	714.86	716.32	717.85	710.65(N) 12"	710.40(E) 12"	710.39(S) 12"	710.39(W) 12"
EX312	231+70.30	56' RT	ADJ MH					715.65	707.93(N) 15"		707.83(S) 21"	709.56(W) 12"
315	230+90.00	' RT	MH TA 4		T1F CL	713.21	714.93	716.45	709.02(N) 12"	709.02(E) 12"		709.02(W) 12"
318	229+80.00	2.2 RT	MH TA 4		T1F CL	711.75	713.50	715.06		707.64(E) 12"	706.92(S) 12"	707.02(W) 12"

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



MATCH LINE STA. 234+00.00
SEE DRAWING P-12

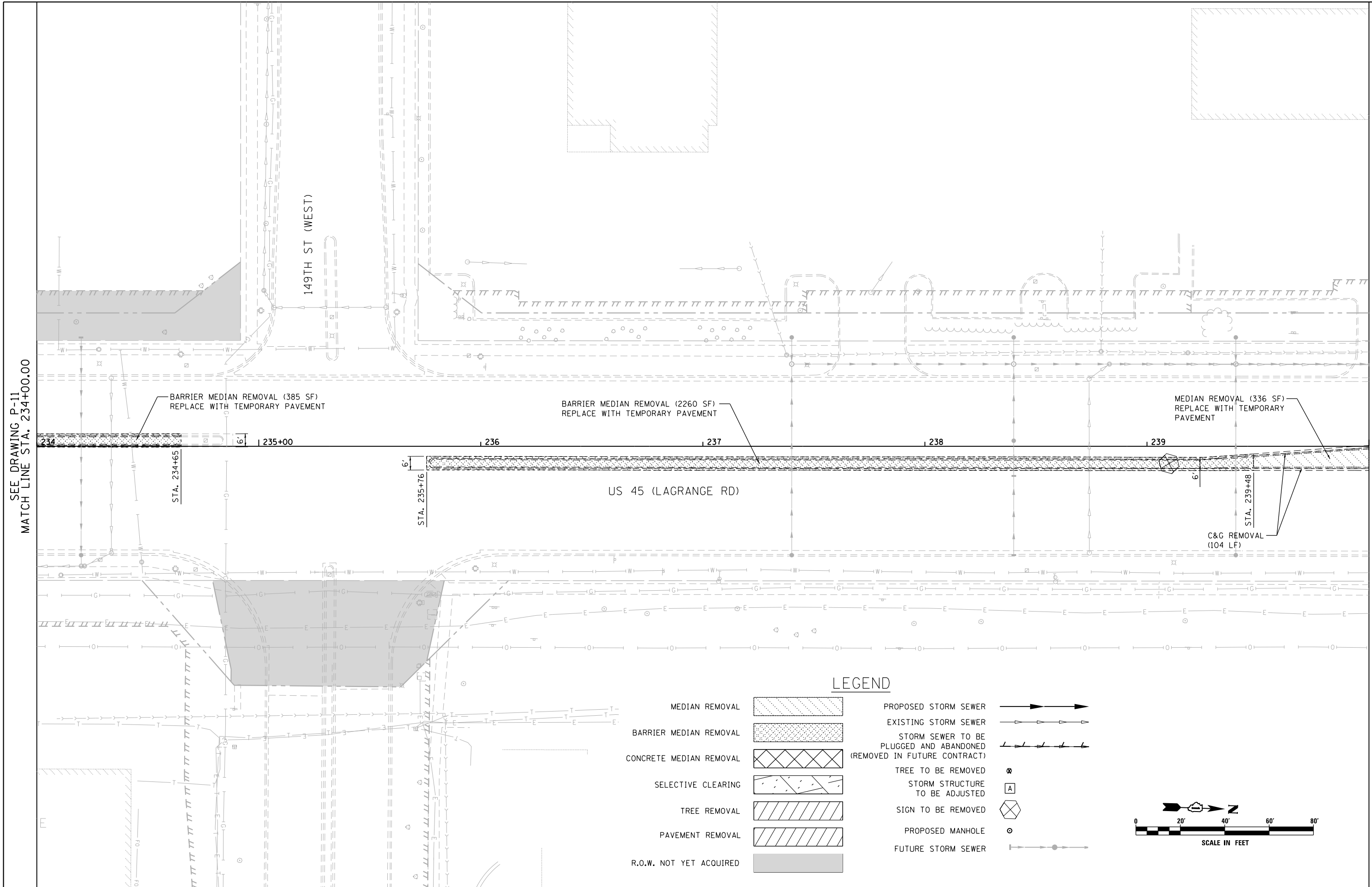
PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN DIA.	FT LEN	SLOPE	CU YD TBF
305	305	311	SS, CL A, TY 2	12	106.0	1.02%	29.5
308	311	309	SS, CL A, TY 2	12	25.7	1.09%	7.1
309	309	EX312	SS, WMR	12	52.0	1.06%	18.8
315A	315	309	SS, CL A, TY 2	12	76.3	1.02%	27.6
318	318	321	SS, CL A, TY 2	12	106.0	1.00%	31.7

LEGEND

MEDIAN REMOVAL		PROPOSED STORM SEWER	
BARRIER MEDIAN REMOVAL		EXISTING STORM SEWER	
CONCRETE MEDIAN REMOVAL		STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)	
SELECTIVE CLEARING		TREE TO BE REMOVED	
TREE REMOVAL		STORM STRUCTURE TO BE ADJUSTED	
PAVEMENT REMOVAL		SIGN TO BE REMOVED	
R.O.W. NOT YET ACQUIRED		PROPOSED MANHOLE	
		FUTURE STORM SEWER	

ADVOCAT
HEALTH
CENTER

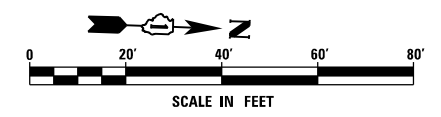
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100 S. WACKER DR.
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CHICAGO, IL 60606
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FAX (312) 935-4998



MATCH LINE STA. 240+00.00
SEE DRAWING P-13

LEGEND

- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
- TREE TO BE REMOVED
- STORM STRUCTURE TO BE ADJUSTED
- SIGN TO BE REMOVED
- PROPOSED MANHOLE
- FUTURE STORM SEWER



FILE NAME = D160W09-SHT-DRAINPR12.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 12 OF 37 SHEETS STA. 234+00.00 TO STA. 240+00.00

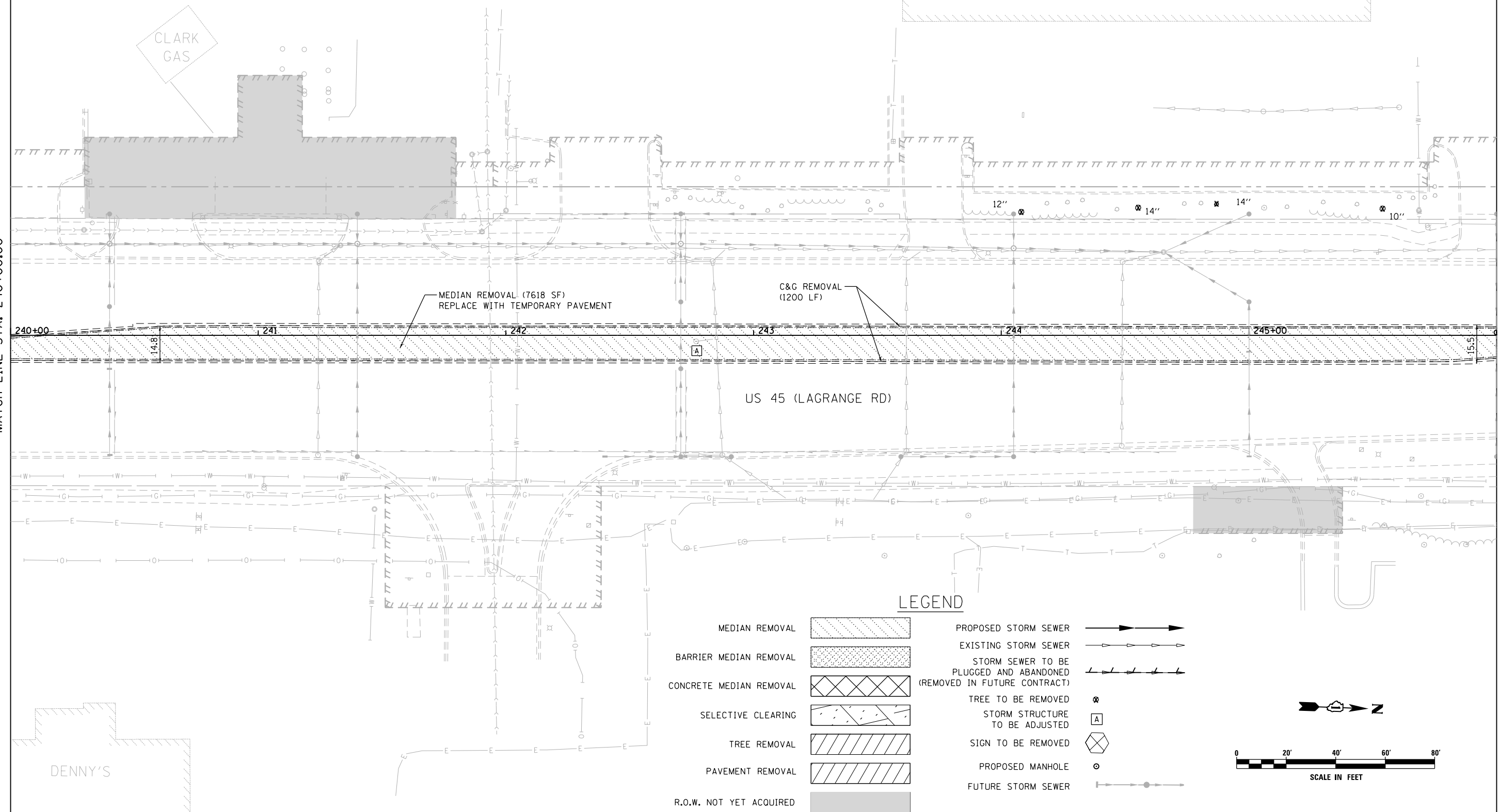
F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 37
P-12			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

1 STORY BUILDING
VILLAGE GREEN
SHOPPING CENTER

CLARK
GAS

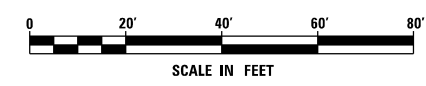
SEE DRAWING P-12
MATCH LINE STA. 240+00.00

MATCH LINE STA. 246+00.00
SEE DRAWING P-14



LEGEND

- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
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- FUTURE STORM SEWER



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FILE NAME = D160W09-SHT-DRAINPR13.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 48.0000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

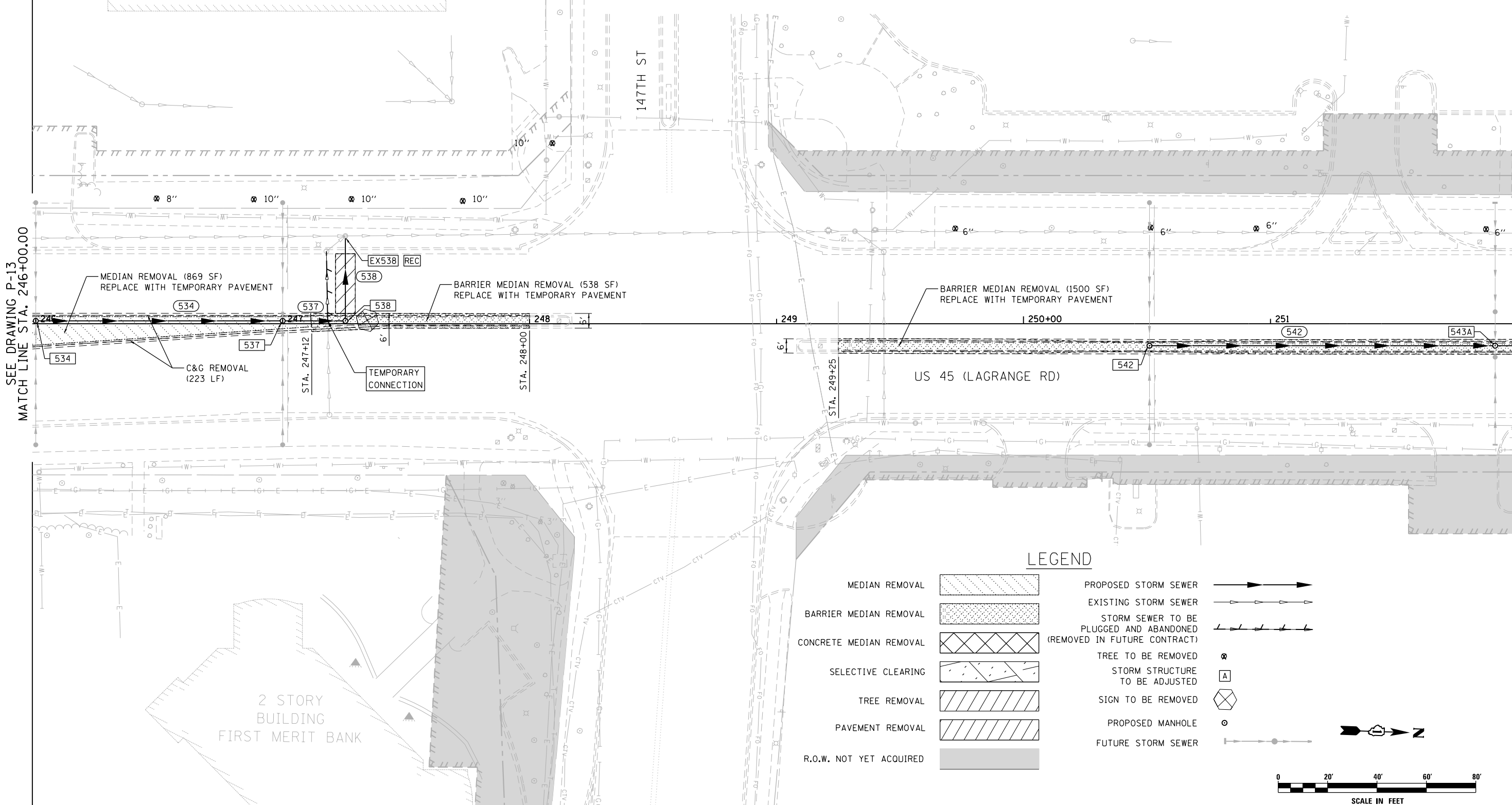
REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 13 OF 37 SHEETS STA. 240+00.00 TO STA. 246+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	38
P-13			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN DIA.	FT LEN	SLOPE	CU YD TBF
534	534	537	SS, CL A, TY 2	12	95.5	1.05%	32.6
537	537	538	SS, CL A, TY 2	15	21.4	1.17%	18.9
538	538	EX538	SS, CL A, TY 2	15	30.3	1.12%	33.0
542	542	543A	SS, CL A, TY 2	12	136.0	1.01%	40.7

STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV. CONTRACT 60W09	TEMP. RIM ELEV. CONTRACT 60M61	FINAL RIM ELEV. CONTRACT 60M61	N	E	S	W
534	246+00.00	1.2' LT	MH TA 5		T1F CL	718.13	720.59	722.60	714.56(N) 36"	714.63(E) 12"		714.66(W) 12"
537	247+00.00	1.2' LT	MH TA 4		T1F CL	719.98	722.39	724.40	713.46(N) 15"	716.43(E) 12"	713.56(S) 12"	716.46(W) 12"
538	247+25.40	1.2' LT	MH TA 4		T1F CL	720.64	723.00	724.77			713.21(S) 15"	713.21(W) 15"
EX538	247+25.40	35.5' LT	RECON MH					722.10	704.29(N) 36"	712.87(E) 12"	704.29(S) 36"	
542	250+51.00	9' RT	MH TA 4		T1F CL	722.27	723.31	725.65	717.34(N) 12"	717.62(E) 12"		717.44(S) 12"
543A	251+91.00	9' RT	MH TA 4		T1F CL	720.42	721.41	723.71	715.56(N) 12"	715.85(E) 12"	715.96(S) 12"	715.66(S) 12"

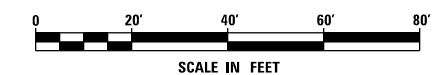


SEE DRAWING P-13
MATCH LINE STA. 246+00.00

MATCH LINE STA. 252+00.00
SEE DRAWING P-15

LEGEND

- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
- TREE TO BE REMOVED
- STORM STRUCTURE TO BE ADJUSTED
- SIGN TO BE REMOVED
- PROPOSED MANHOLE
- FUTURE STORM SEWER



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FILE NAME = D:\60W09-SHT-DRAINPR14.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

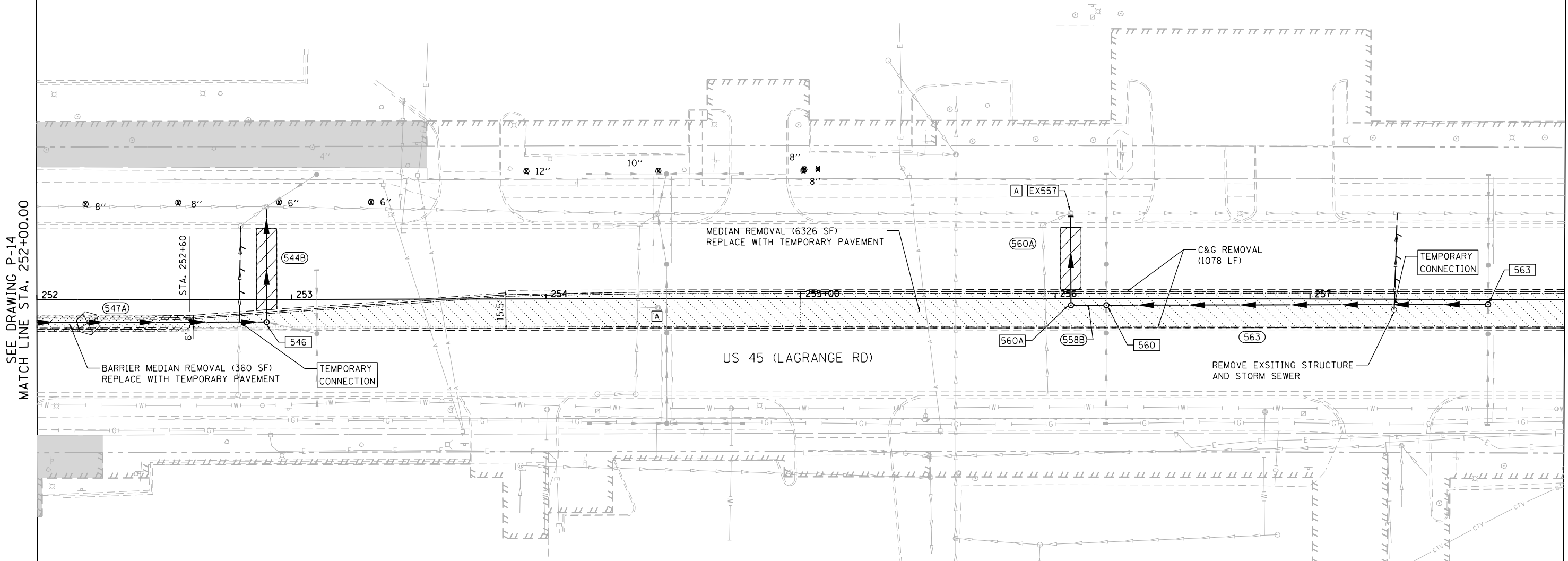
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN
SCALE: 1"=20' SHEET 14 OF 37 SHEETS STA. 246+00.00 TO STA. 252+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 39
P-14		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV. CONTRACT 60W09	TEMP. RIM ELEV. CONTRACT 60M61	FINAL RIM ELEV. CONTRACT 60M61	N	E	S	W
EX543	252+90.30	36.4' LT	ADJ MH					719.31	701.69(N) 36"	713.26(E) 12"	701.69(S) 36"	714.04(NW) 12"
546	252+90.30	9' RT	MH TA 4		T1F CL	718.25	719.85	722.05	713.71(NE) 12"		714.59(S) 12"	713.61(W) 12"
EX557	256+06.00	33.5' LT	ADJ MH					719.40	699.85(N) 42"	713.63(E) 15"	700.30(S) 36"	
560	256+20.00	2.6' RT	MH TA 4		T1F CL	718.99	720.21	721.75	715.72(N) 12"	714.29(E) 12"	714.19(S) 15"	714.29(W) 12"
560A	256+06.00	2.6' RT	MH TA 4		T1F CL	718.66	719.97	721.53	714.07(N) 15"			713.97(W) 15"
563	257+70.00	1.9' RT	MH TA 4		T1F CL	722.21	723.11	724.70		717.29(E) 12"	717.19(S) 12"	717.25(W) 12"

ORLAND CHATEAU

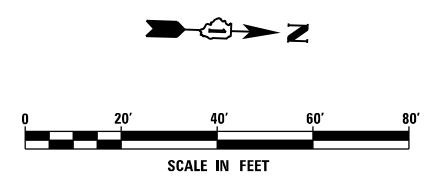


SEE DRAWING P-14
MATCH LINE STA. 252+00.00

MATCH LINE STA. 258+00.00
SEE DRAWING P-16

PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN DIA.	FT LEN	SLOPE	CU YD TBF
544B	546	EX543	SS, CL A, TY 2	12	41.4	0.85%	15.9
547A	543A	546	SS, CL A, TY 2	12	95.3	1.02%	24.5
558B	560	560A	SS, CL A, TY 2	15	10.0	1.20%	3.1
560A	560A	EX557	SS, CL A, TY 2	15	32.1	1.06%	12.0
563	563	560	SS, CL A, TY 2	12	146.0	1.01%	37.5

LEGEND	
MEDIAN REMOVAL	
BARRIER MEDIAN REMOVAL	
CONCRETE MEDIAN REMOVAL	
SELECTIVE CLEARING	
TREE REMOVAL	
PAVEMENT REMOVAL	
R.O.W. NOT YET ACQUIRED	
PROPOSED STORM SEWER	
EXISTING STORM SEWER	
STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)	
TREE TO BE REMOVED	
STORM STRUCTURE TO BE ADJUSTED	
SIGN TO BE REMOVED	
PROPOSED MANHOLE	
FUTURE STORM SEWER	



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



FILE NAME = D:\60W09-SHT-DRAINPR15.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 48.0000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

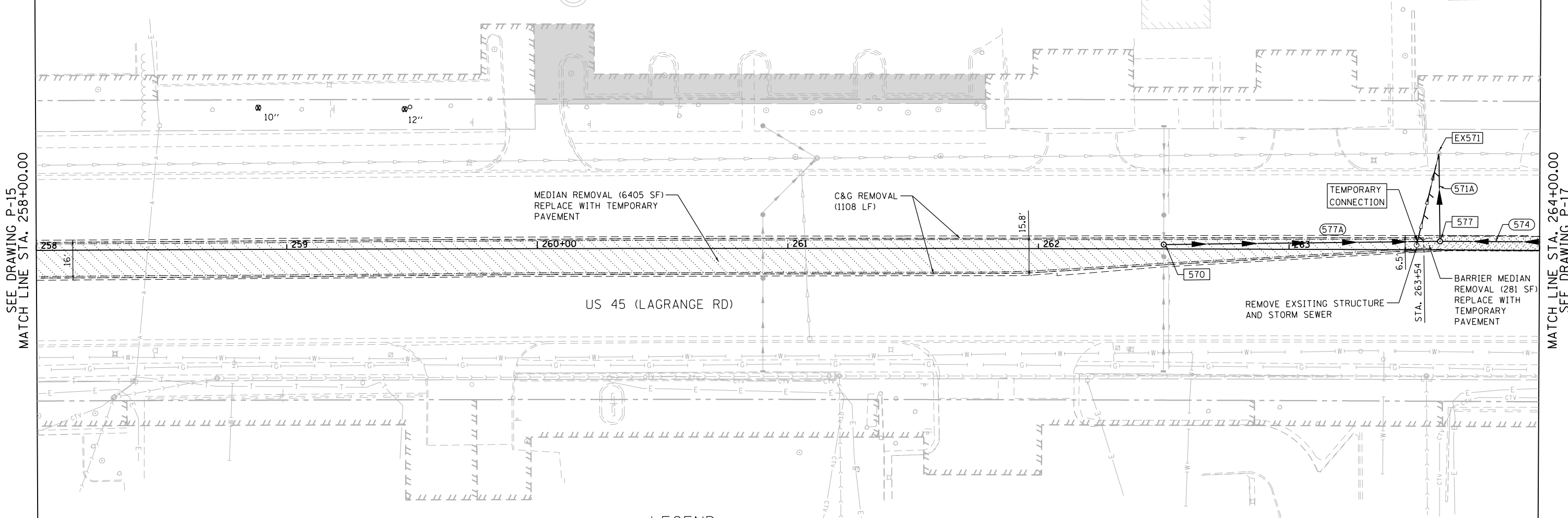
REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 15 OF 37 SHEETS STA. 252+00.00 TO STA. 258+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 40
P-15			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

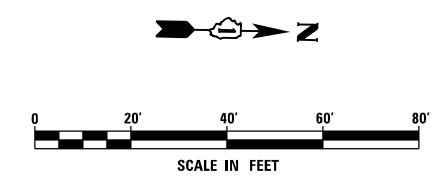
STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV. CONTRACT 60W09	TEMP. RIM ELEV CONTRACT 60M61	FINAL RIM ELEV. CONTRACT 60M61	N	E	S	W
570	262+50.00	1.8' LT	MH TA 4		T1F CL	718.83	719.87	721.87	713.82(N) 12"	713.92(E) 12"		713.95(W) 12"
577	263+59.70	3.4' LT	MH TA 4		T1F CL	715.60	717.24	719.22	709.17(N) 12"		712.74(S) 12"	709.17(W) 12"
EX571	263+59.70	38.5' LT	RECON MH					716.98	698.11(N) 42"	708.84(E) 12"	698.21(S) 42"	

PIPE SCHEDULE							
PIPE NO.	STR. NO. FROM	STR. NO. TO	DESCRIPTION	IN DIA.	FT LEN	SLOPE	CU YD TBF
571A	577	EX571	SS, CL A, TY 2	12	31.1	1.06%	27.6
574	575	577	SS, CL A, TY 2	12	46.3	1.04%	17.7
577A	570	577	SS, WMR	12	105.7	1.02%	24.9



LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



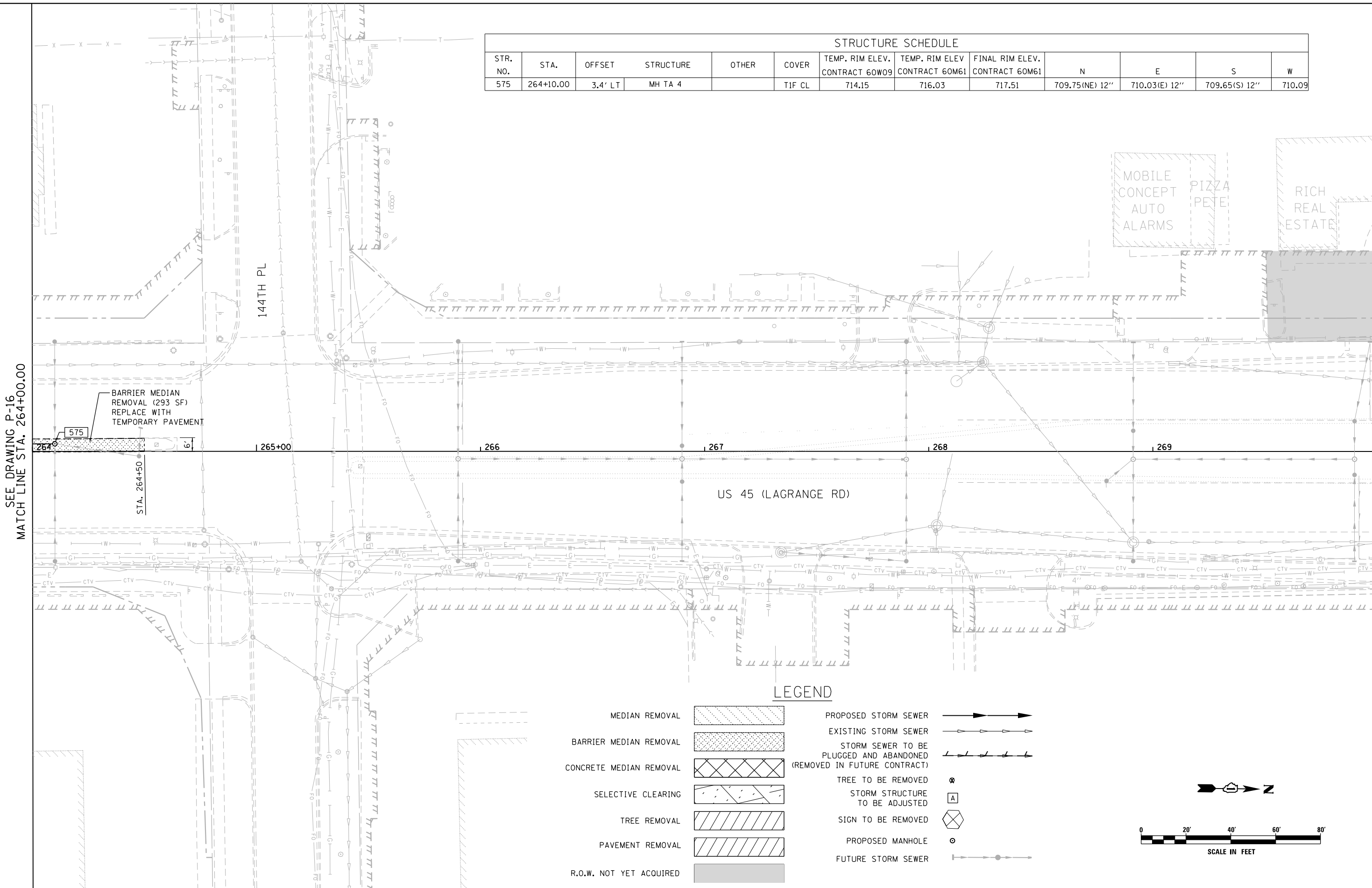
SEE DRAWING P-15
MATCH LINE STA. 258+00.00

MATCH LINE STA. 264+00.00
SEE DRAWING P-17

URS
100 S. WACKER DR.
SUITE 600
CHICAGO, IL 60606
TEL (312) 939-1000
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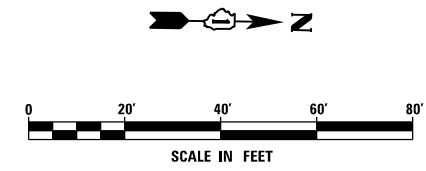
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SHT_PLAN	PLOT SCALE = 48.0000' / in.	CHECKED - JWM	REVISED -					SCALE: 1"=20'			SHEET 16 OF 37 SHEETS	
	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -		ILLINOIS FED. AID PROJECT							
								P-16		CONTRACT NO. 60W09		

STRUCTURE SCHEDULE												
STR. NO.	STA.	OFFSET	STRUCTURE	OTHER	COVER	TEMP. RIM ELEV. CONTRACT 60W09	TEMP. RIM ELEV. CONTRACT 60M61	FINAL RIM ELEV. CONTRACT 60M61	N	E	S	W
575	264+10.00	3.4' LT	MH TA 4		TIF CL	714.15	716.03	717.51	709.75(NE) 12"	710.03(E) 12"	709.65(S) 12"	710.09



LEGEND

- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
- TREE TO BE REMOVED
- STORM STRUCTURE TO BE ADJUSTED
- SIGN TO BE REMOVED
- PROPOSED MANHOLE
- FUTURE STORM SEWER

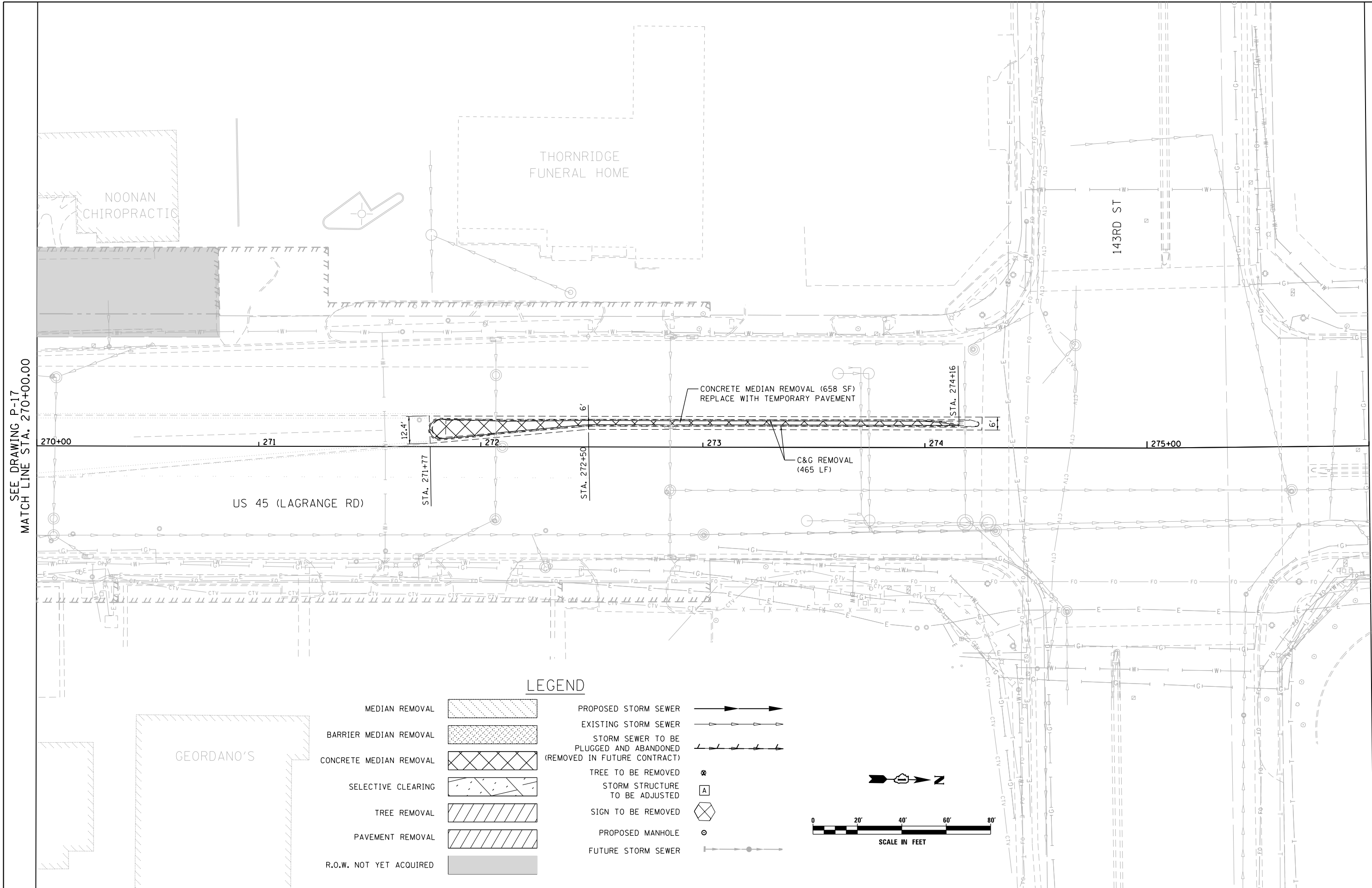


SEE DRAWING P-16
MATCH LINE STA. 264+00.00

MATCH LINE STA. 270+00.00
SEE DRAWING P-18

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

FILE NAME = D160W09-SHT-DRAINPR17.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN	F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 42		
PLOT SCALE = 48.0000' / in.	CHECKED - JWM	REVISED -	SCALE: 1"=20'			SHEET 17 OF 37 SHEETS	STA. 264+00.00 TO STA. 270+00.00	P-17		CONTRACT NO. 60W09	ILLINOIS FED. AID PROJECT	
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -									

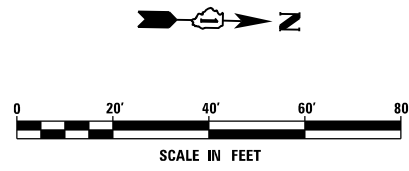


SEE DRAWING P-17
MATCH LINE STA. 270+00.00

SEE DRAWING P-19
MATCH LINE STA. 276+00.00

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



FILE NAME = D160W09-SHT-DRAINPR18.dgn
SHT_PLAN

USER NAME = Anthony.Plutz
PLOT SCALE = 48.0000' / in.
PLOT DATE = 1/7/2013

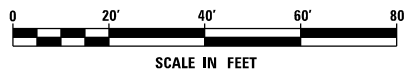
DESIGNED - EJD
DRAWN - EJD
CHECKED - JWM
DATE - 01/02/13

REVISED -
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REVISED -

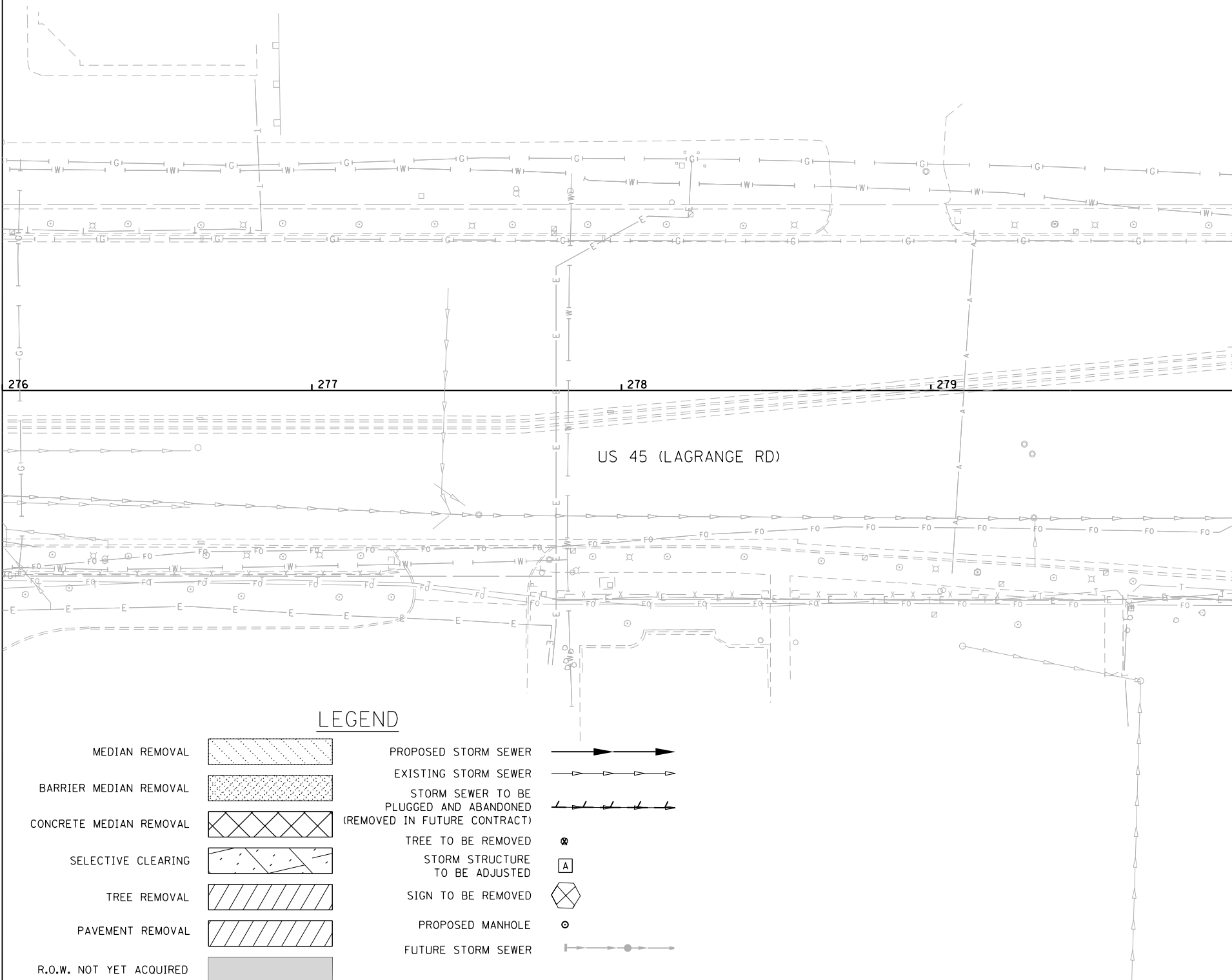
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN
SCALE: 1"=20' SHEET 18 OF 37 SHEETS STA. 270+00.00 TO STA. 276+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	43
P-18		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 276+00.00
 SEE DRAWING P-18



MATCH LINE STA. 280+00.00
 SEE DRAWING P-20

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |

FILE NAME = D:\60W09\9-SHT-DRAINPR19.dgn
 SHT_PLAN

USER NAME = Anthony.Plutz
 PLOT SCALE = 48.000000' / in.
 PLOT DATE = 1/7/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 01/02/13

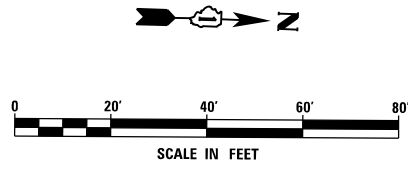
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

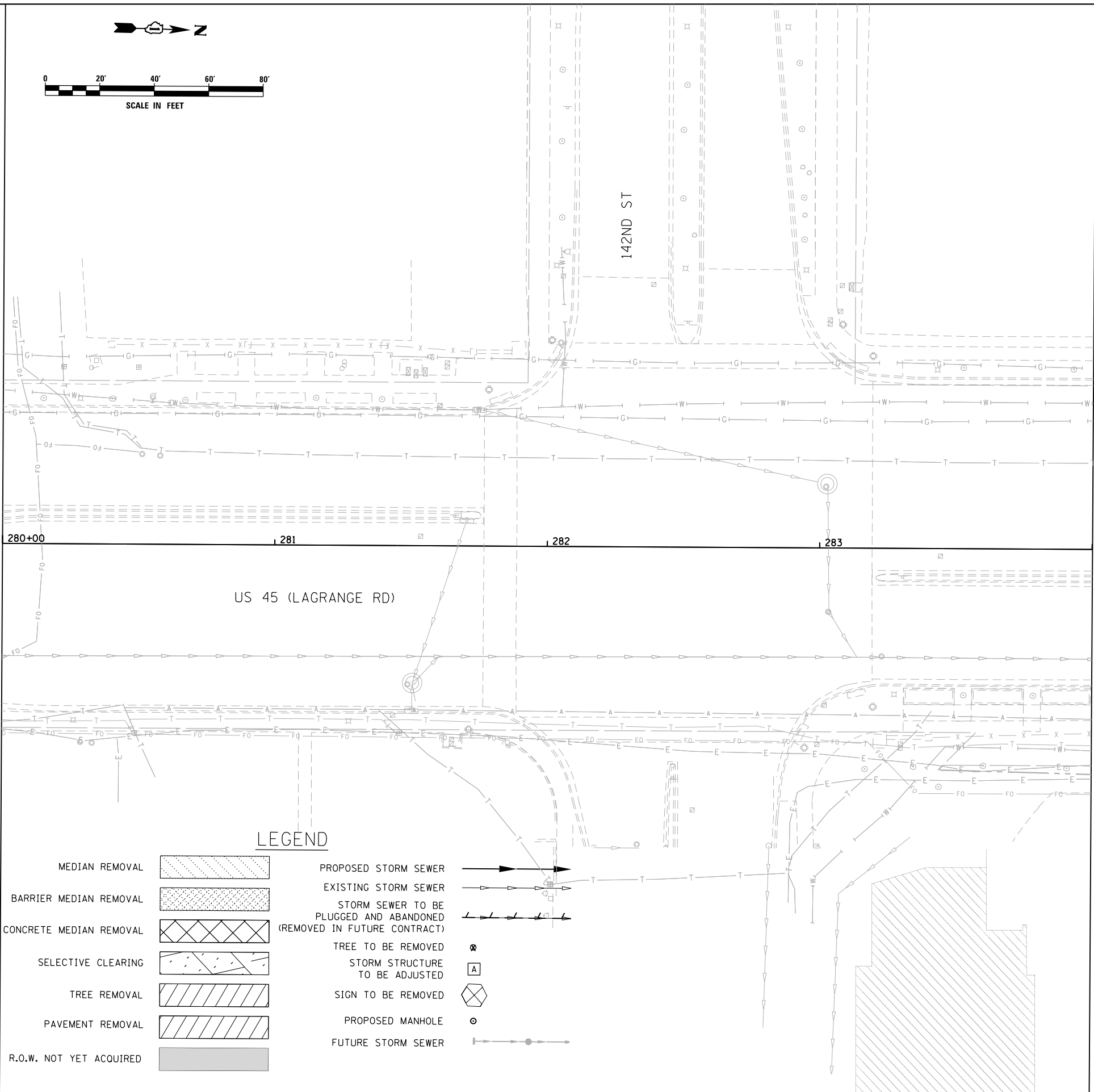
SCALE: 1"=20' SHEET 19 OF 37 SHEETS STA. 276+00.00 TO STA. 280+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	44
P-19			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 280+00.00
SEE DRAWING P-19

MATCH LINE STA. 284+00.00
SEE DRAWING P-21



LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |

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 100 S. WACKER DR.
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FILE NAME = D:\160W09-SHT-DRAINPR20.dgn
SHT.PLAN

USER NAME = Anthony.Plutz
PLOT SCALE = 48.000000' / in.
PLOT DATE = 1/7/2013

DESIGNED - EJD
DRAWN - EJD
CHECKED - JWM
DATE - 01/02/13

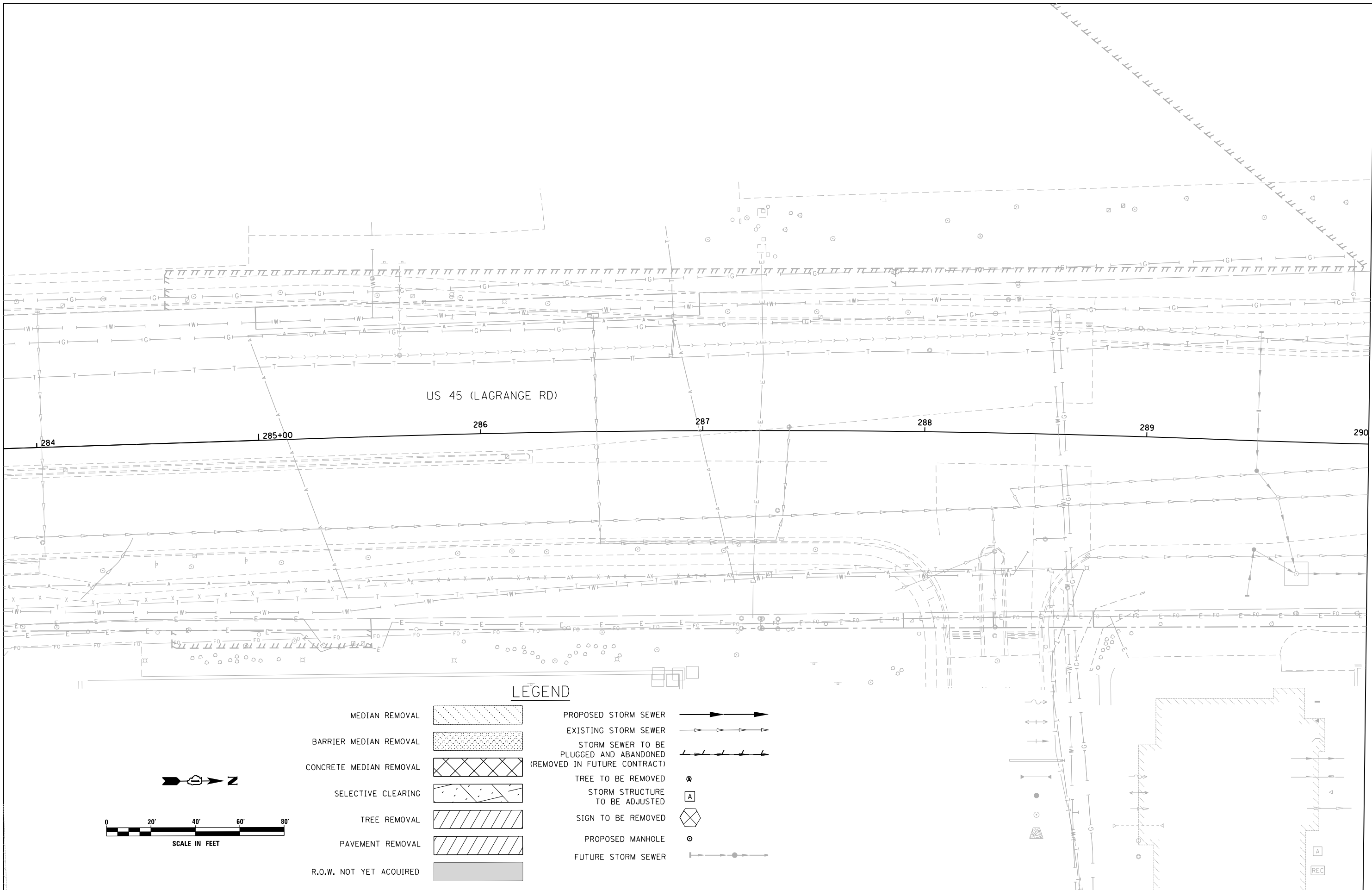
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 20 OF 37 SHEETS STA. 280+00.00 TO STA. 284+00.00

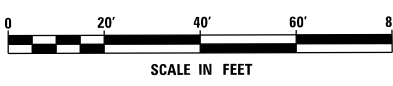
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	45
P-20			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 290+00.00
 SEE DRAWING P-22

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



FILE NAME = D160W09-SHT-DRAINPR21.dgn
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USER NAME = Anthony.Plutz
 PLOT SCALE = 48.000000' / in.
 PLOT DATE = 1/7/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 01/02/13

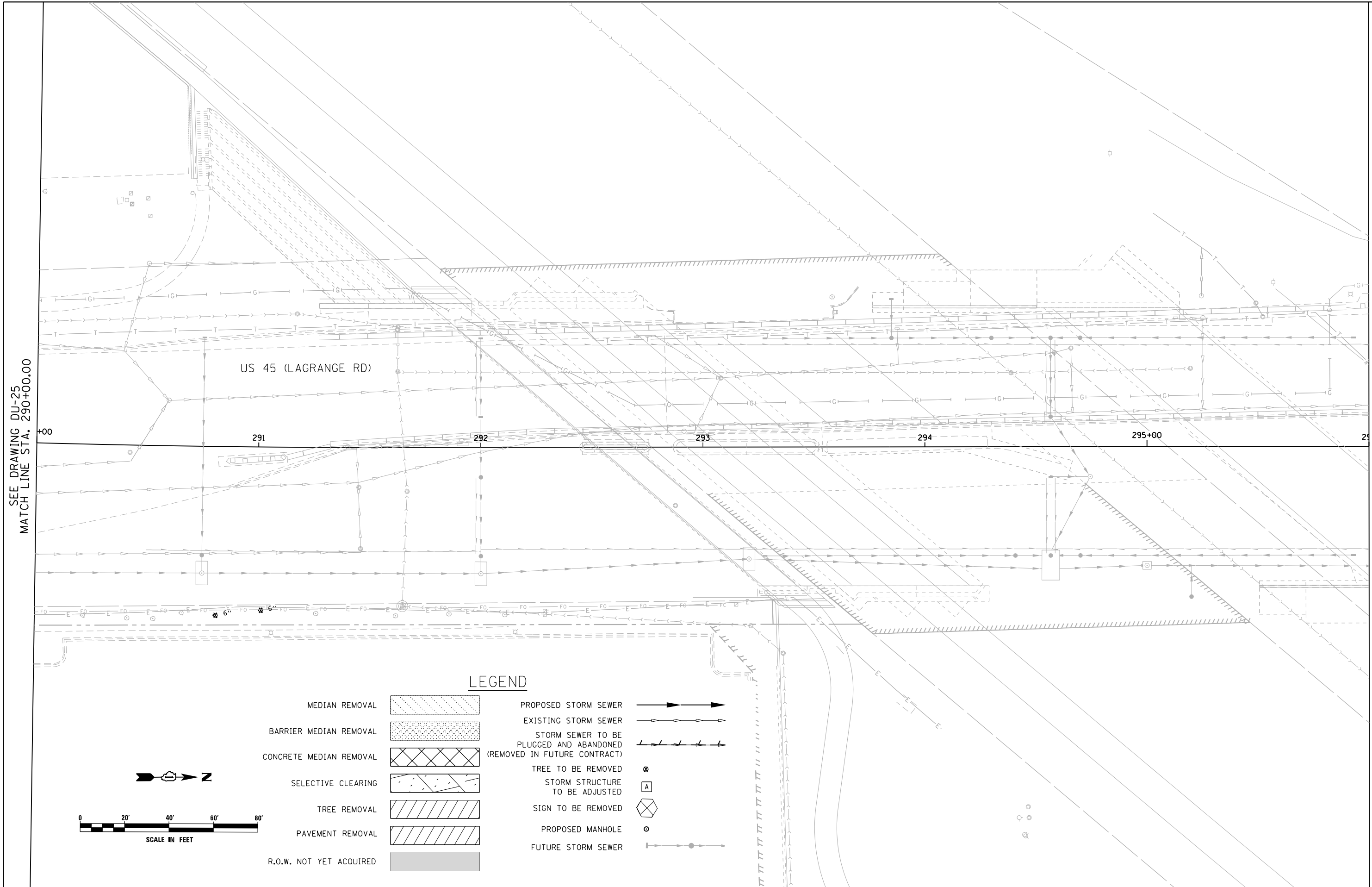
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

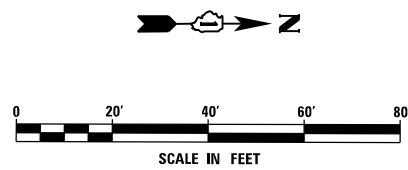
SCALE: 1"=20' SHEET 21 OF 37 SHEETS STA. 284+00.00 TO STA. 290+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	46
P-21			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



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

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



LEGEND	
MEDIAN REMOVAL	
BARRIER MEDIAN REMOVAL	
CONCRETE MEDIAN REMOVAL	
SELECTIVE CLEARING	
TREE REMOVAL	
PAVEMENT REMOVAL	
R.O.W. NOT YET ACQUIRED	
PROPOSED STORM SEWER	
EXISTING STORM SEWER	
STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)	
TREE TO BE REMOVED	
STORM STRUCTURE TO BE ADJUSTED	
SIGN TO BE REMOVED	
PROPOSED MANHOLE	
FUTURE STORM SEWER	

FILE NAME = D:\160\09-SHT-DRAINPR22.dgn
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USER NAME = Anthony.Plutz
 PLOT SCALE = 48.000000' / in.
 PLOT DATE = 1/7/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 01/02/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

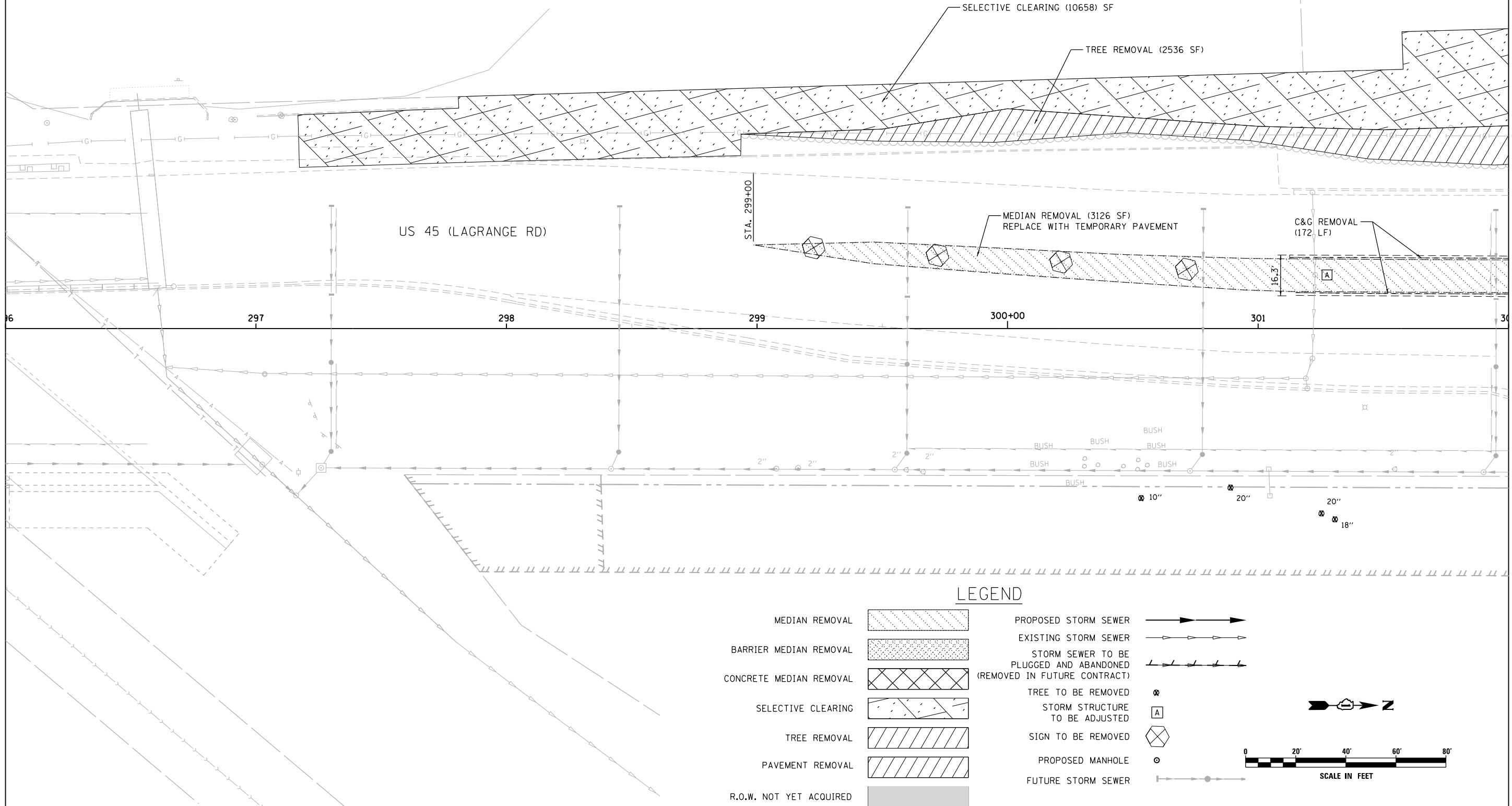
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 22 OF 37 SHEETS STA. 290+00.00 TO STA. 296+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	47
P-22			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

SEE DRAWING P-22
 MATCH LINE STA. 296+00.00



MATCH LINE STA. 302+00.00
 SEE DRAWING P-24

LEGEND

MEDIAN REMOVAL		PROPOSED STORM SEWER	
BARRIER MEDIAN REMOVAL		EXISTING STORM SEWER	
CONCRETE MEDIAN REMOVAL		STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)	
SELECTIVE CLEARING		TREE TO BE REMOVED	
TREE REMOVAL		STORM STRUCTURE TO BE ADJUSTED	
PAVEMENT REMOVAL		SIGN TO BE REMOVED	
R.O.W. NOT YET ACQUIRED		PROPOSED MANHOLE	
		FUTURE STORM SEWER	

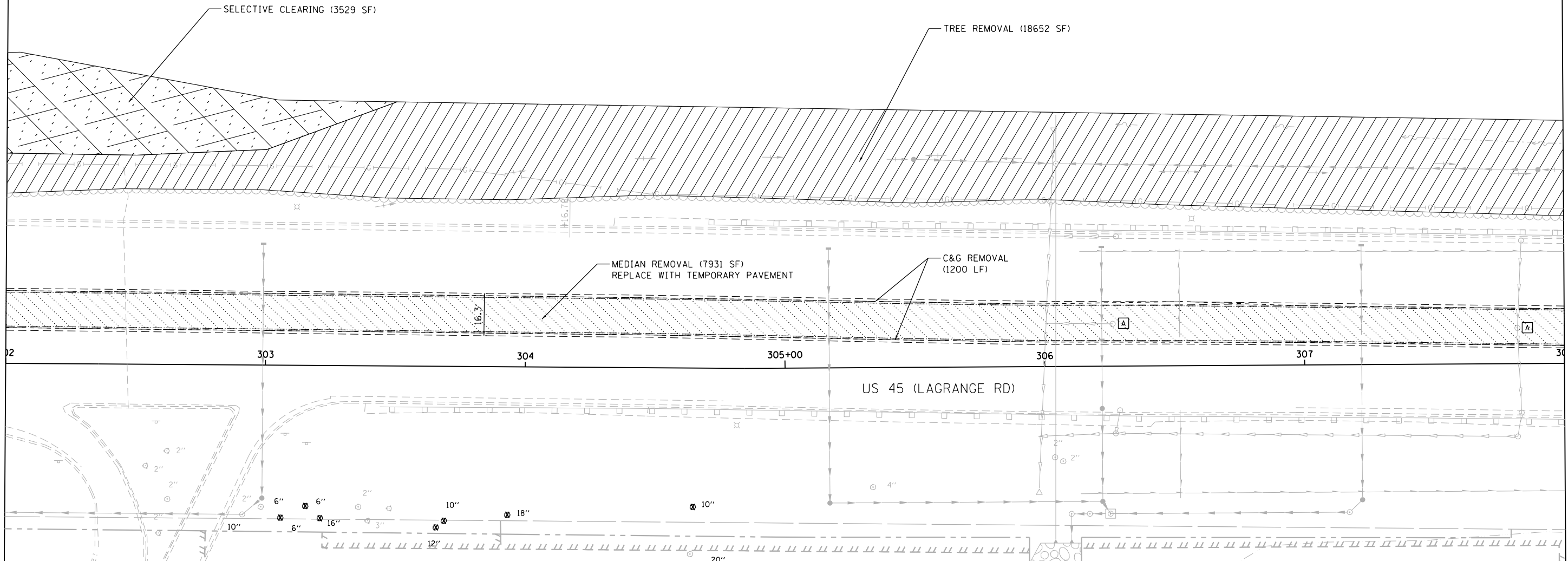
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		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)
 SCALE: 1"=20' SHEET 23 OF 37 SHEETS STA. 296+00.00 TO STA. 302+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 48
P-23			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

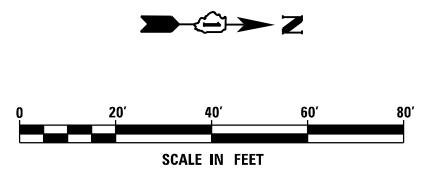
SEE DRAWING P-23
 MATCH LINE STA. 302+00.00



MATCH LINE STA. 308+00.00
 SEE DRAWING P-25

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



FILE NAME = D160W09-SHT-DRAINPR24.dgn
 SHT.PLAN

USER NAME = Anthony.Plutz
 PLOT SCALE = 48.000000' / in.
 PLOT DATE = 1/7/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 01/02/13

REVISED -
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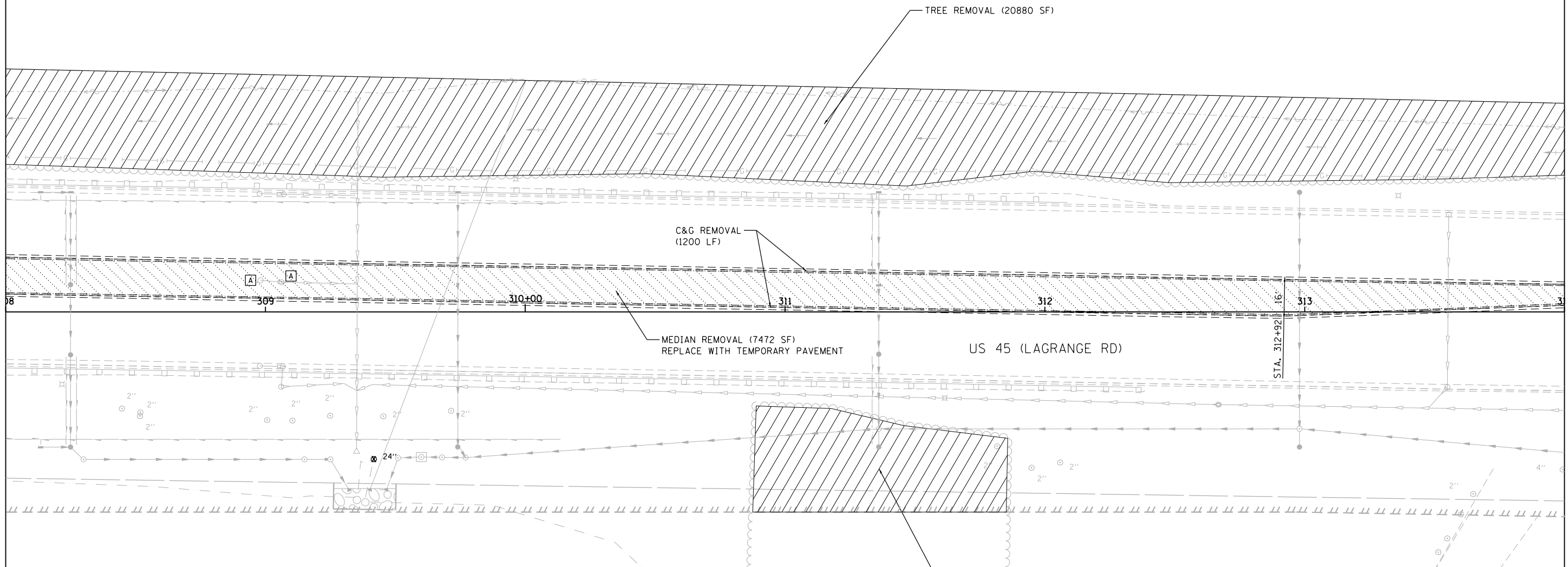
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REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 24 OF 37 SHEETS STA. 302+00.00 TO STA. 308+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	49
P-24			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

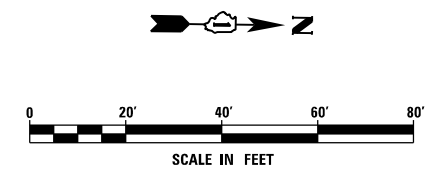
SEE DRAWING P-24
MATCH LINE STA. 308+00.00



MATCH LINE STA. 314+00.00
SEE DRAWING P-26

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



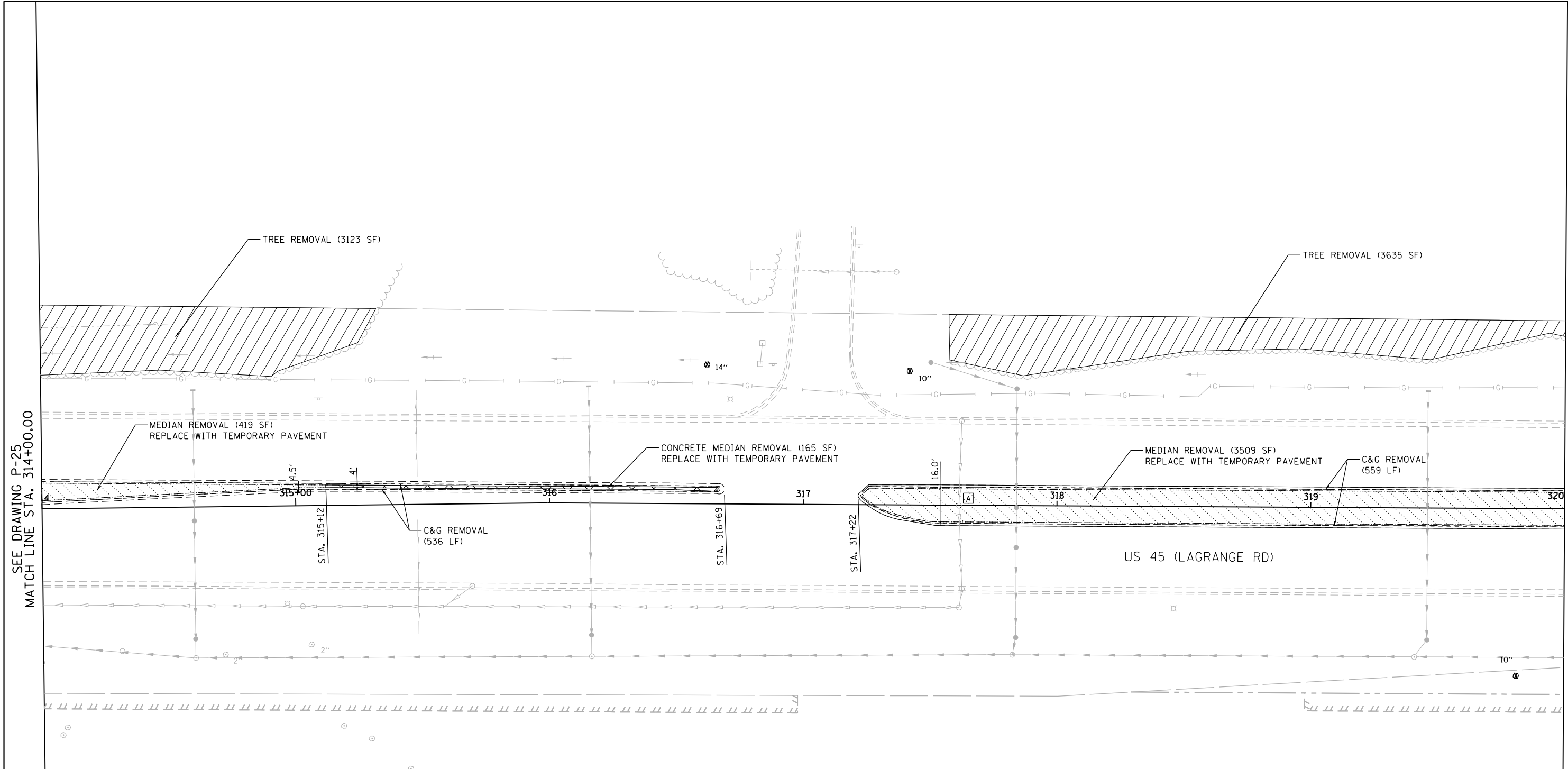
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SHT_PLAN	PLOT SCALE = 48.000000 ' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 25 OF 37 SHEETS STA. 308+00.00 TO STA. 314+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 50
P-25		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

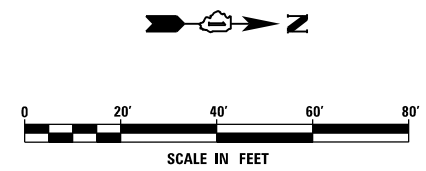


SEE DRAWING P-25
 MATCH LINE STA. 314+00.00

MATCH LINE STA. 320+00.00
 SEE DRAWING P-27

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



FILE NAME = D:\160W09-SHT-DRAINPR26.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

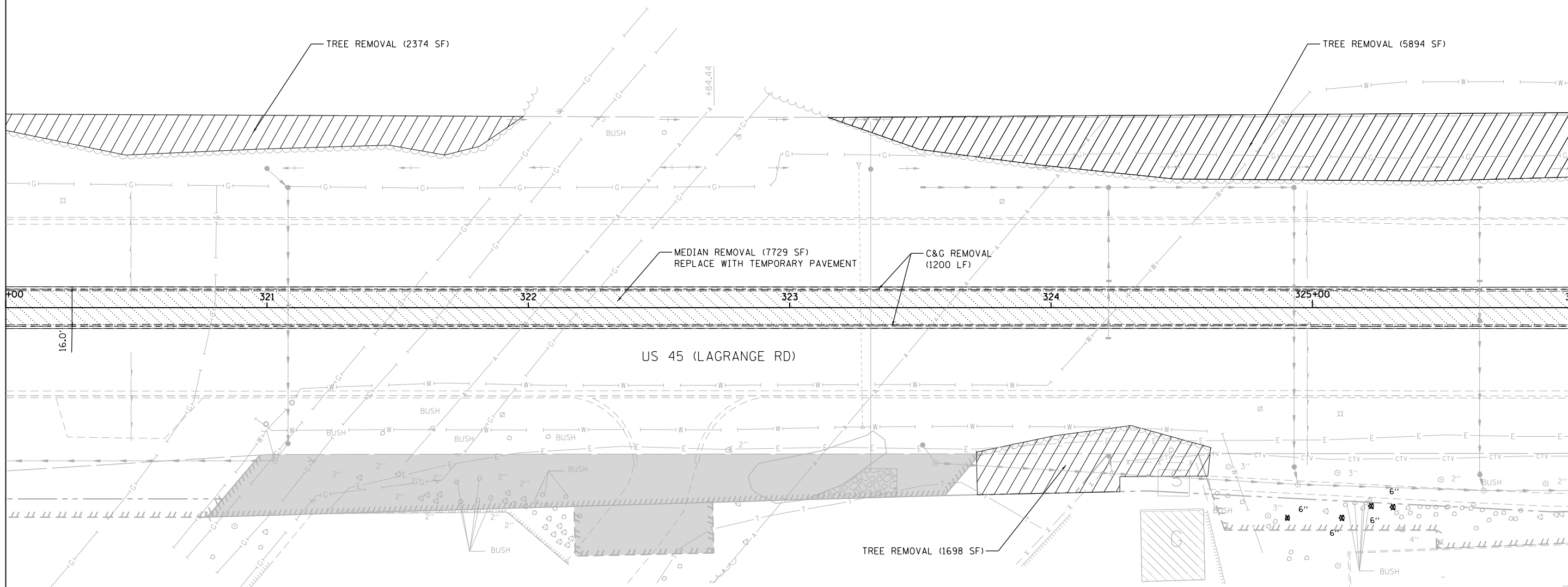
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 26 OF 37 SHEETS STA. 314+00.00 TO STA. 320+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 51
P-26		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

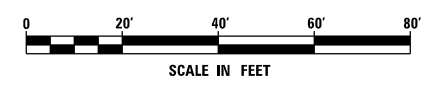
SEE DRAWING P-26
 MATCH LINE STA. 320+00.00



MATCH LINE STA. 326+00.00
 SEE DRAWING P-28

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |

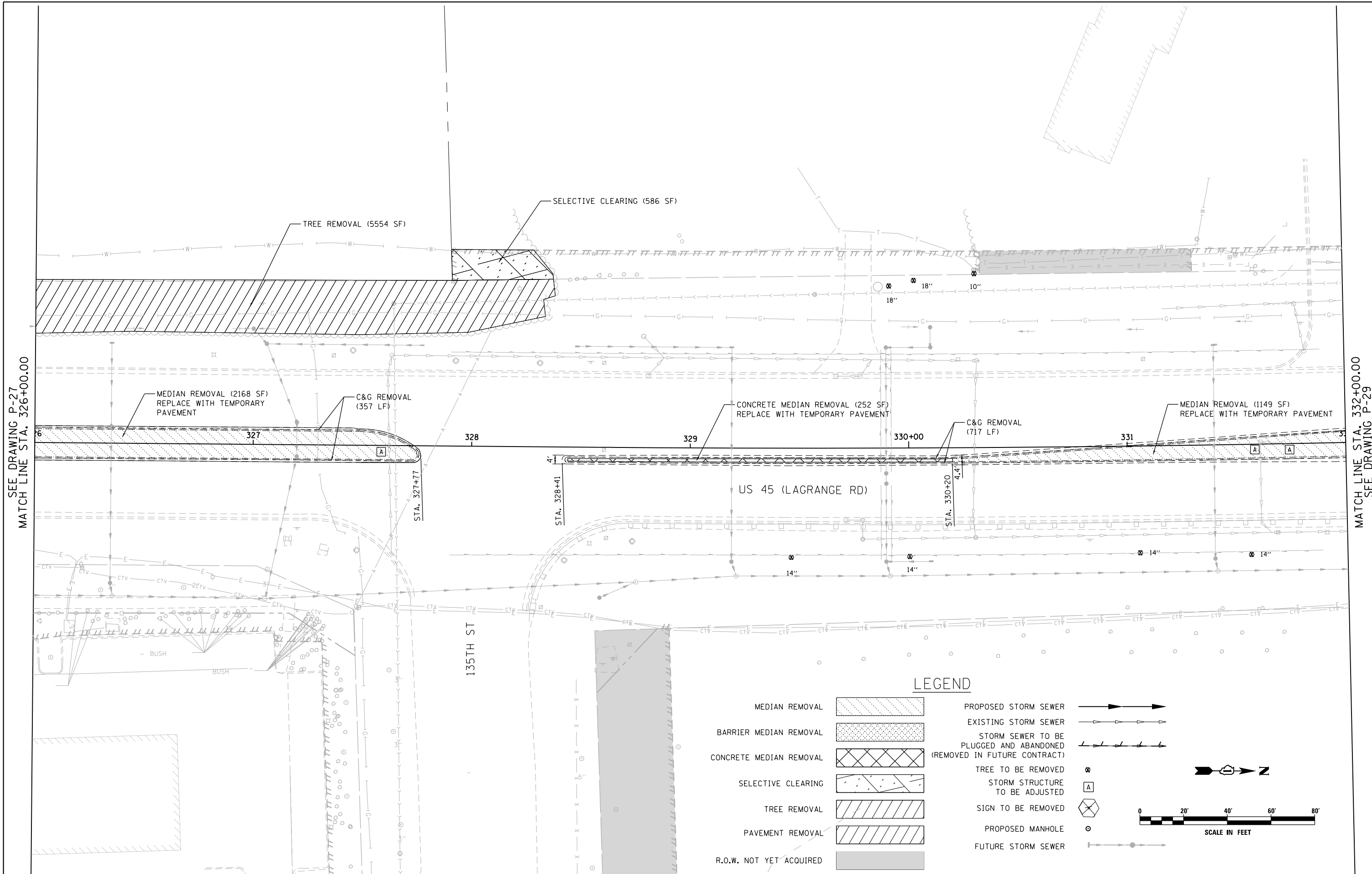


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		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN
 SCALE: 1"=20' SHEET 27 OF 37 SHEETS STA. 320+00.00 TO STA. 326+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 52
P-27		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				



SEE DRAWING P-27
 MATCH LINE STA. 326+00.00

MATCH LINE STA. 332+00.00
 SEE DRAWING P-29

LEGEND

MEDIAN REMOVAL		PROPOSED STORM SEWER	
BARRIER MEDIAN REMOVAL		EXISTING STORM SEWER	
CONCRETE MEDIAN REMOVAL		STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)	
SELECTIVE CLEARING		TREE TO BE REMOVED	
TREE REMOVAL		STORM STRUCTURE TO BE ADJUSTED	
PAVEMENT REMOVAL		SIGN TO BE REMOVED	
R.O.W. NOT YET ACQUIRED		PROPOSED MANHOLE	
		FUTURE STORM SEWER	

SCALE IN FEET
 0 20' 40' 60' 80'

FILE NAME = D:\160W09-SHT-DRAINPR28.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

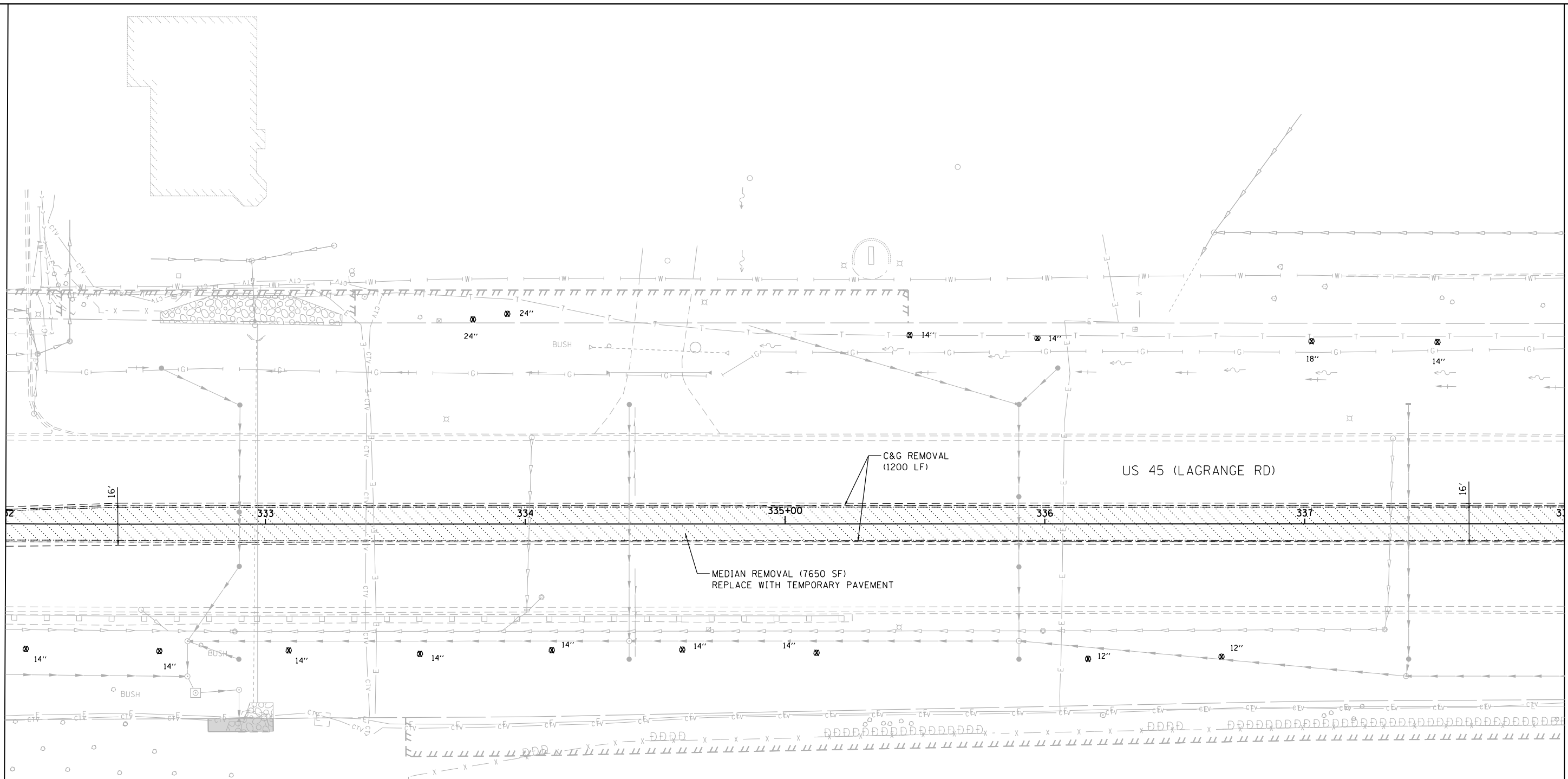
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 28 OF 37 SHEETS STA. 326+00.00 TO STA. 332+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	53
P-28			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

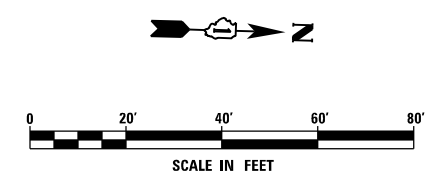
SEE DRAWING P-28
 MATCH LINE STA. 332+00.00



MATCH LINE STA. 338+00.00
 SEE DRAWING P-30

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



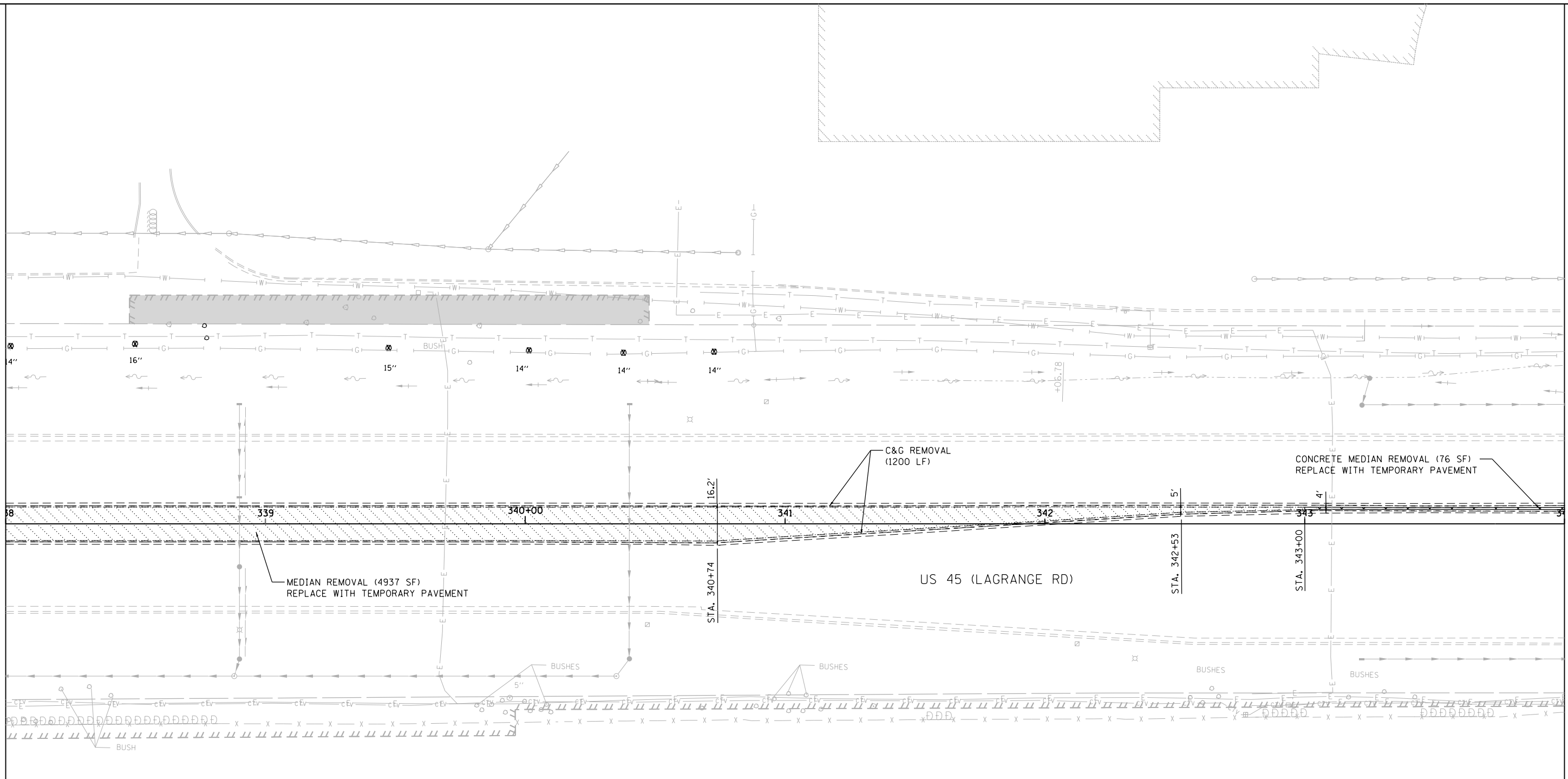
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PLOT SCALE = 48.000000' / in.	CHECKED - JWM	DRAWN - EJD	REVISED -
PLOT DATE = 1/7/2013	DATE - 01/02/13		REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN
 SCALE: 1"=20' SHEET 29 OF 37 SHEETS STA. 332+00.00 TO STA. 338+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 54
P-29		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

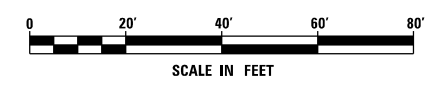
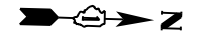
SEE DRAWING P-29
 MATCH LINE STA. 338+00.00



MATCH LINE STA. 344+00.00
 SEE DRAWING P-31

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



FILE NAME = D160W09-SHT-DRAINPR30.dgn
 SHT_PLAN

USER NAME = Anthony.Plutz
 PLOT SCALE = 40.000000' / in.
 PLOT DATE = 1/7/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 01/02/13

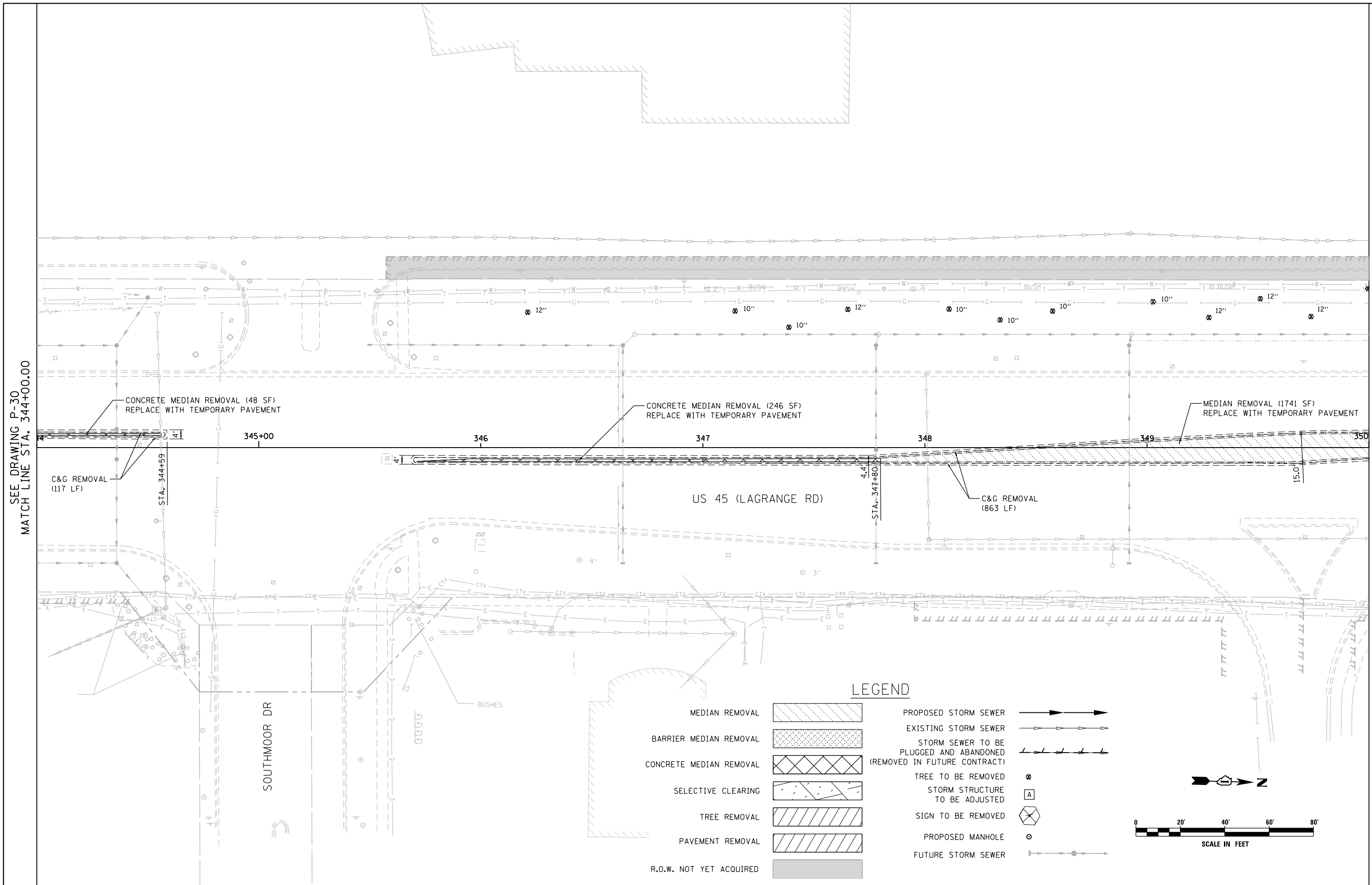
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 30 OF 37 SHEETS STA. 338+00.00 TO STA. 344+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	55
P-30			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

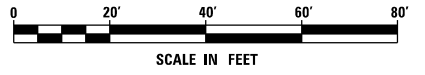


SEE DRAWING P-30
 MATCH LINE STA. 344+00.00

MATCH LINE STA. 350+00.00
 SEE DRAWING DU-32

LEGEND

- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
- TREE TO BE REMOVED
- STORM STRUCTURE TO BE ADJUSTED
- SIGN TO BE REMOVED
- PROPOSED MANHOLE
- FUTURE STORM SEWER



FILE NAME =	USER NAME = Anthony.Plutz
D160W09-SHT-DRAINPR31.dgn	
SHT.PLAN	

DESIGNED - EJD	REVISED -
DRAWN - EJD	REVISED -
CHECKED - JWM	REVISED -
DATE - 01/02/13	REVISED -

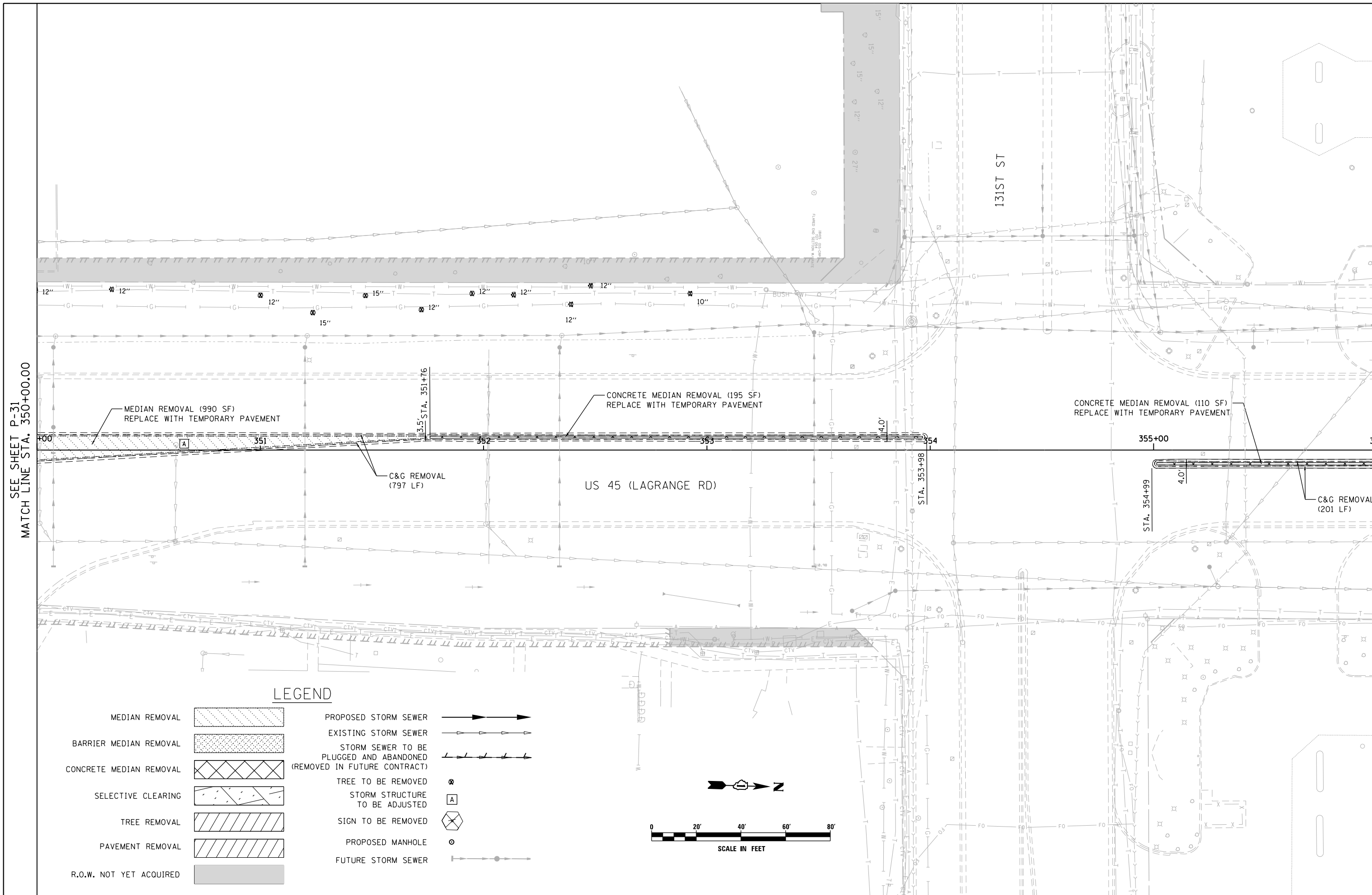
DESIGNED - EJD	REVISED -
DRAWN - EJD	REVISED -
CHECKED - JWM	REVISED -
DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

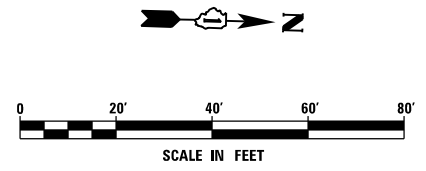
SCALE: 1"=20' SHEET 31 OF 37 SHEETS STA. 344+00.00 TO STA. 350+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	56
P-31			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



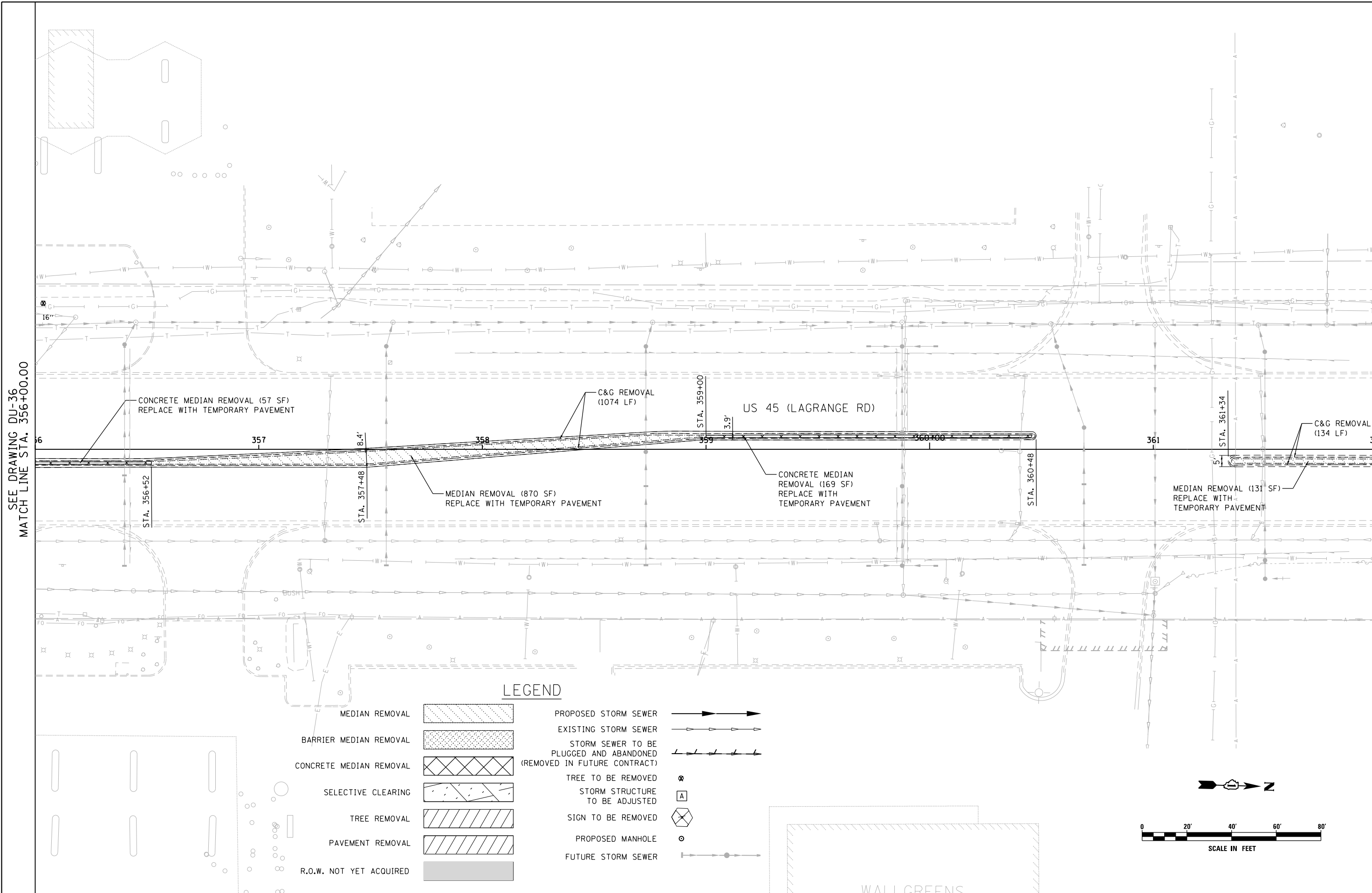
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SHT_PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 32 OF 37 SHEETS STA. 350+00.00 TO STA. 356+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 57
P-32		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |

FILE NAME = D:\160W09-SHT-DRAINPR33.dgn
 SHT_PLAN

USER NAME = Anthony.Plutz
 PLOT SCALE = 48.000000' / in.
 PLOT DATE = 1/7/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 01/02/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

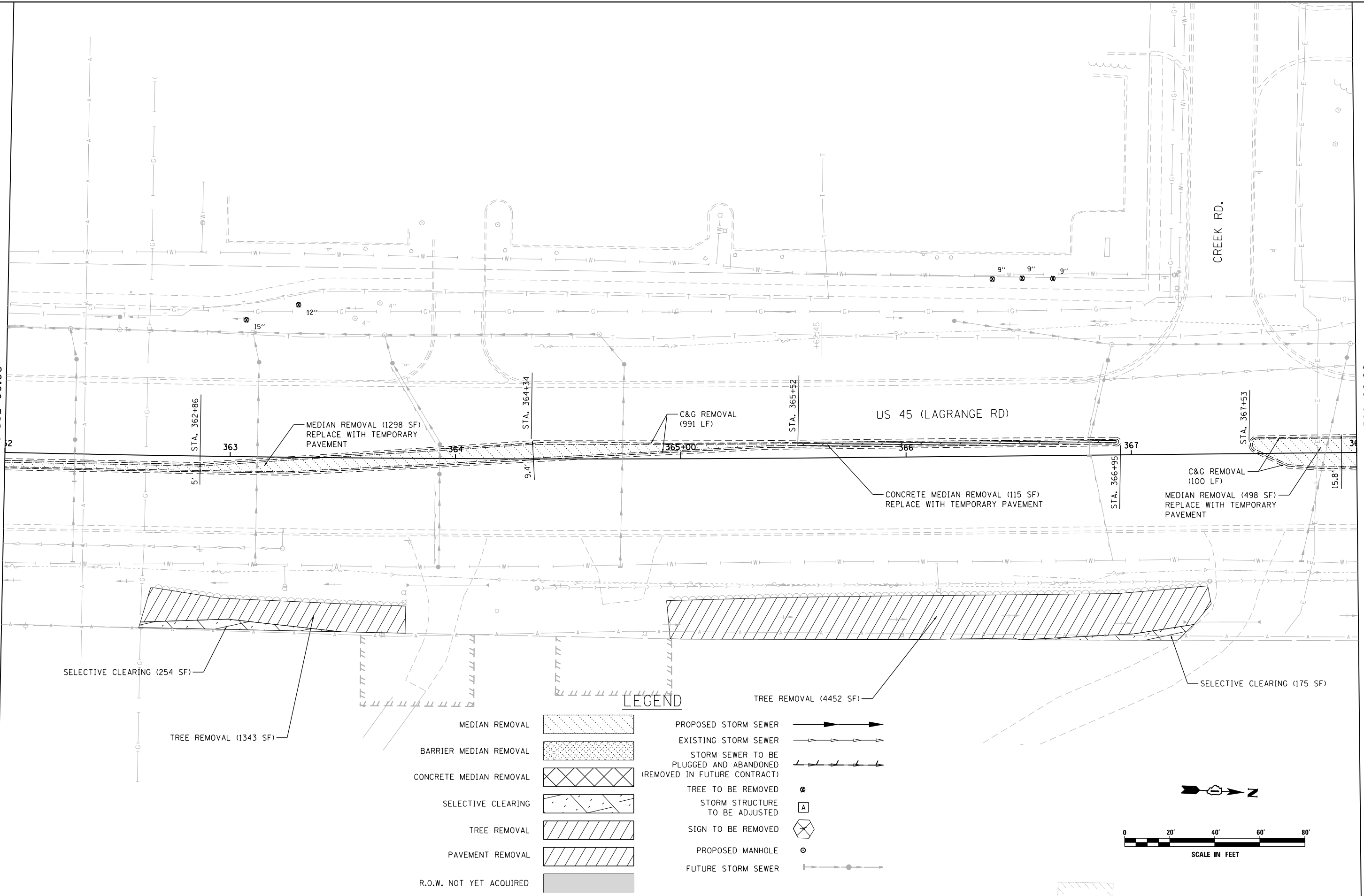
SCALE: 1"=20' SHEET 33 OF 37 SHEETS STA. 356+00.00 TO STA. 362+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	58
P-33			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

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

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

SEE DRAWING P-33
MATCH LINE STA. 362+00.00



MATCH LINE STA. 368+00.00
SEE DRAWING P-35

SELECTIVE CLEARING (254 SF)

TREE REMOVAL (1343 SF)

MEDIAN REMOVAL (1298 SF)
REPLACE WITH TEMPORARY PAVEMENT

C&G REMOVAL (991 LF)

CONCRETE MEDIAN REMOVAL (115 SF)
REPLACE WITH TEMPORARY PAVEMENT

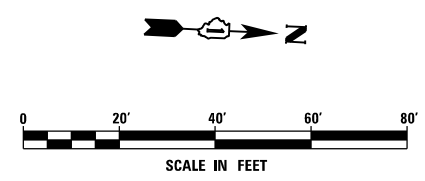
C&G REMOVAL (100 LF)
MEDIAN REMOVAL (498 SF)
REPLACE WITH TEMPORARY PAVEMENT

SELECTIVE CLEARING (175 SF)

TREE REMOVAL (4452 SF)

LEGEND

- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
- TREE TO BE REMOVED
- STORM STRUCTURE TO BE ADJUSTED
- SIGN TO BE REMOVED
- PROPOSED MANHOLE
- FUTURE STORM SEWER



FILE NAME = D160W09-SHT-DRAINPR34.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
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SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

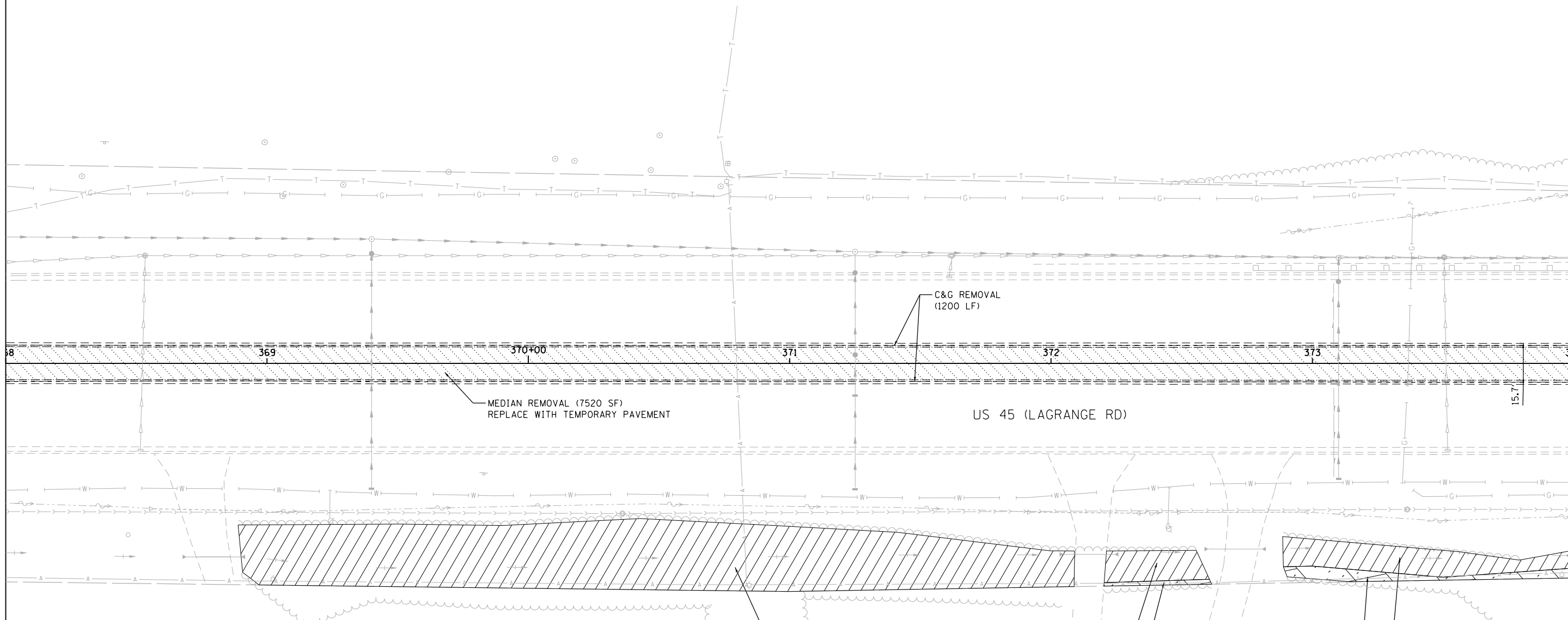
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 34 OF 37 SHEETS STA. 362+00.00 TO STA. 368+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 59
P-34		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

SEE DRAWING P-34
 MATCH LINE STA. 368+00.00



MATCH LINE STA. 374+00.00
 SEE DRAWING P-36

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |

FILE NAME = D160W09-SHT-DRAINPR35.dgn
 SHT.PLAN

USER NAME = Anthony.Plutz
 PLOT SCALE = 48.000000' / in.
 PLOT DATE = 1/7/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 01/02/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

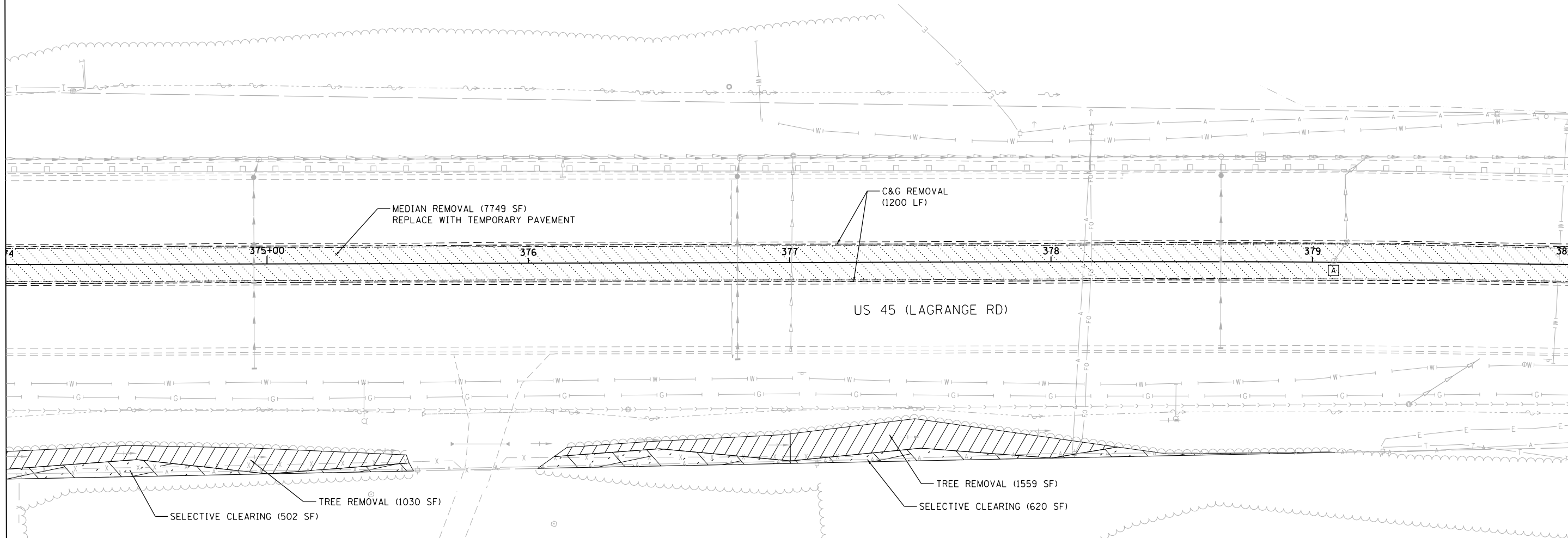
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

SCALE: 1"=20' SHEET 35 OF 37 SHEETS STA. 368+00.00 TO STA. 374+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	60
P-35			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

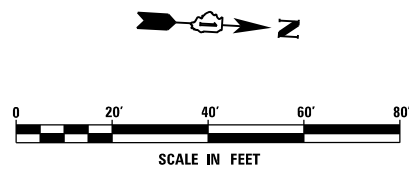
SEE DRAWING P-35
MATCH LINE STA. 374+00.00



MATCH LINE STA. 380+00.00
SEE DRAWING P-37

LEGEND

- | | | | |
|-------------------------|--|--|--|
| MEDIAN REMOVAL | | PROPOSED STORM SEWER | |
| BARRIER MEDIAN REMOVAL | | EXISTING STORM SEWER | |
| CONCRETE MEDIAN REMOVAL | | STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT) | |
| SELECTIVE CLEARING | | TREE TO BE REMOVED | |
| TREE REMOVAL | | STORM STRUCTURE TO BE ADJUSTED | |
| PAVEMENT REMOVAL | | SIGN TO BE REMOVED | |
| R.O.W. NOT YET ACQUIRED | | PROPOSED MANHOLE | |
| | | FUTURE STORM SEWER | |



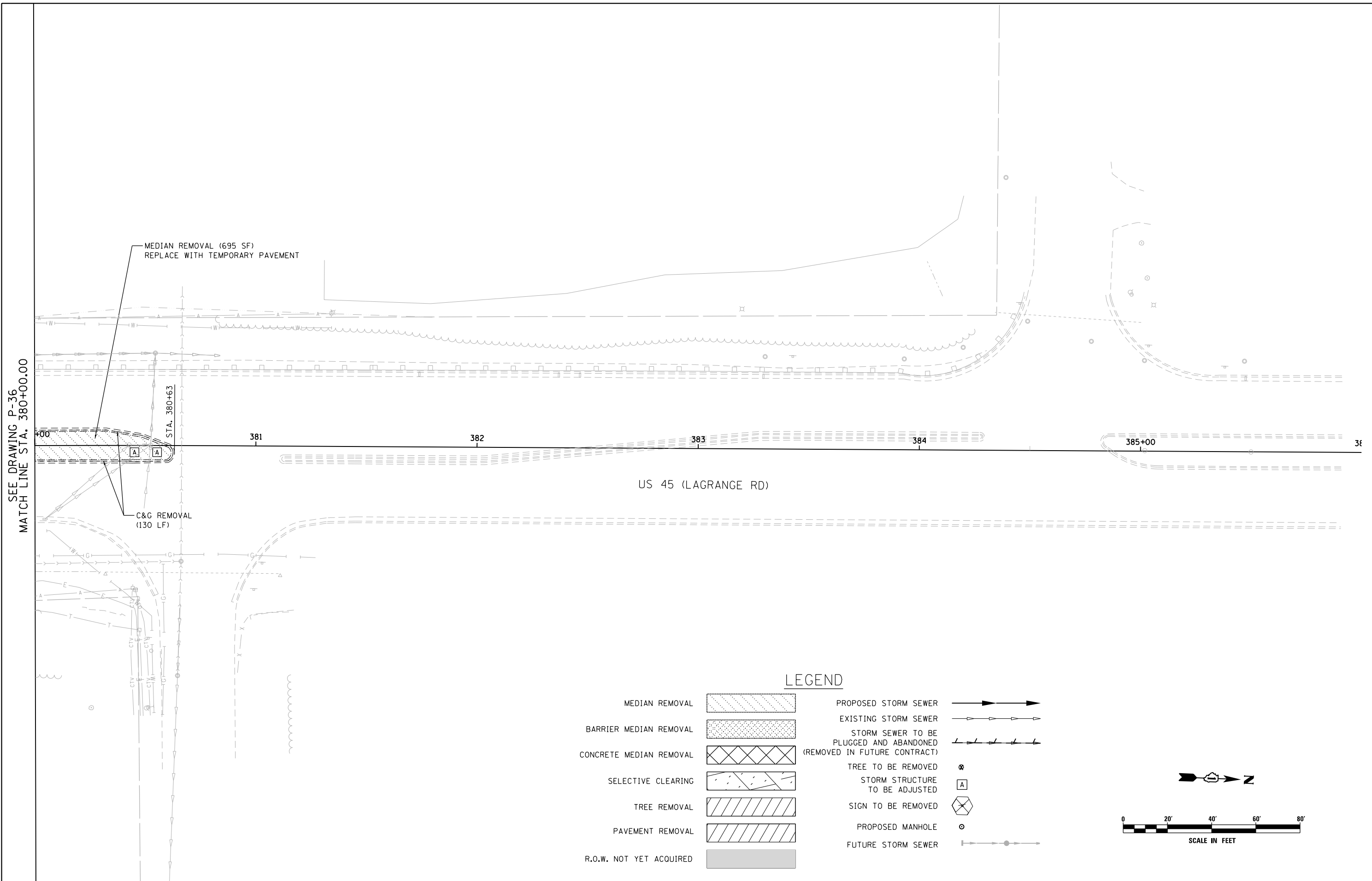
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		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

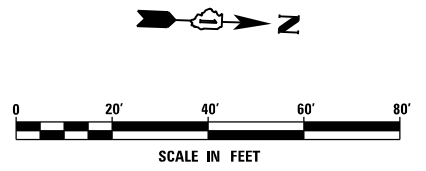
SCALE: 1"=20' SHEET 36 OF 37 SHEETS STA. 374+00.00 TO STA. 380+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 61
P-36		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				



LEGEND

- MEDIAN REMOVAL
- BARRIER MEDIAN REMOVAL
- CONCRETE MEDIAN REMOVAL
- SELECTIVE CLEARING
- TREE REMOVAL
- PAVEMENT REMOVAL
- R.O.W. NOT YET ACQUIRED
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM SEWER TO BE PLUGGED AND ABANDONED (REMOVED IN FUTURE CONTRACT)
- TREE TO BE REMOVED
- STORM STRUCTURE TO BE ADJUSTED
- SIGN TO BE REMOVED
- PROPOSED MANHOLE
- FUTURE STORM SEWER



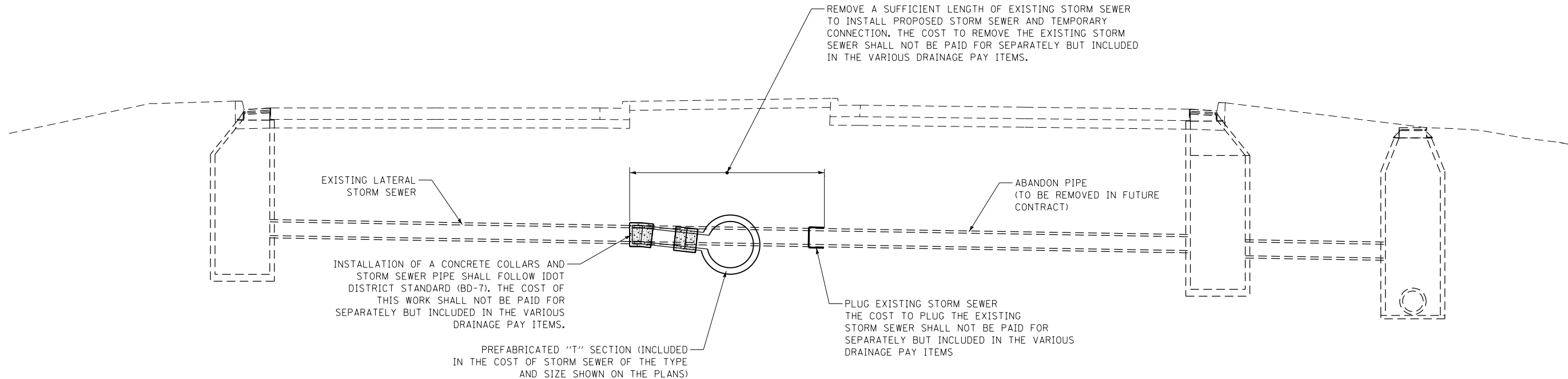
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	PLOT SCALE = 48.000000' / in.	CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL, TEMPORARY PAVEMENT, AND DRAINAGE PLAN

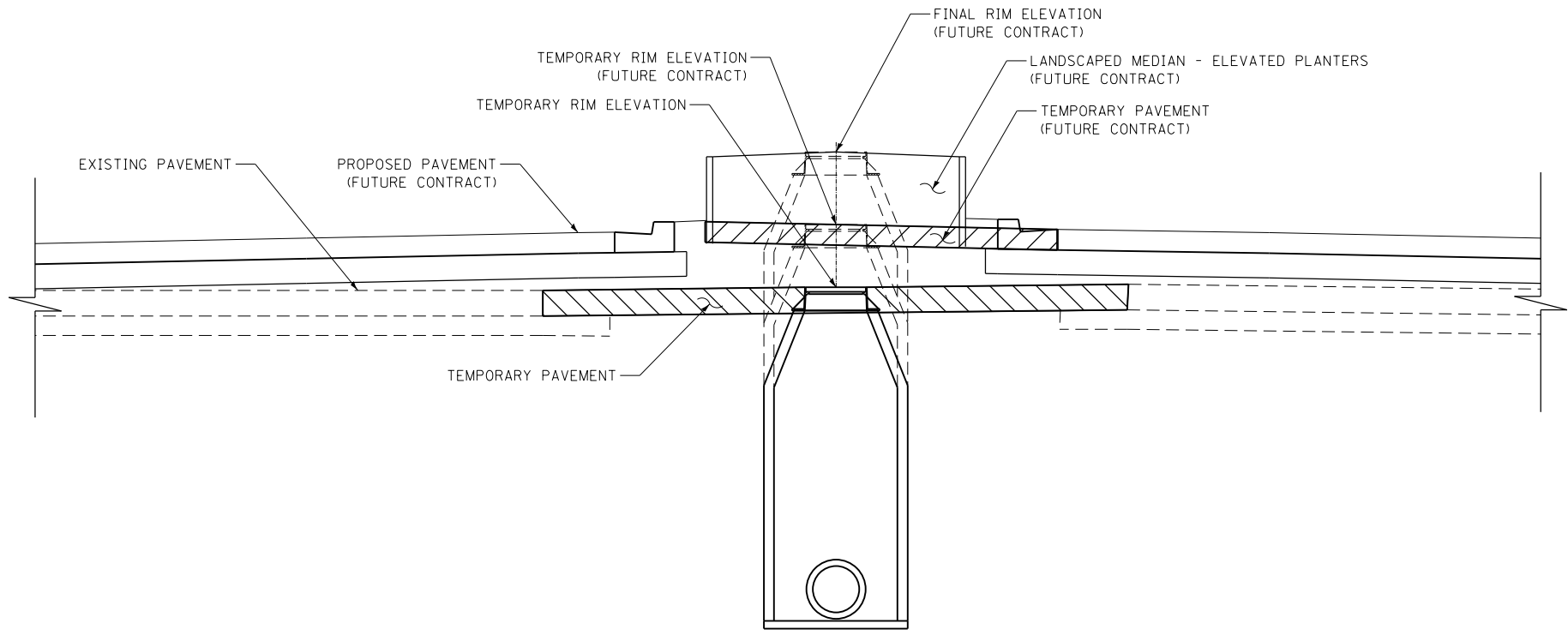
SCALE: 1"=20' SHEET 37 OF 37 SHEETS STA. 380+00.00 TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	62
P-37			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



STORM SEWER CONNECTION DETAIL

NTS



MANHOLES TYPE A DETAIL

NTS

100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 935-1000
 FAX (312) 935-4198
URS

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -
D:\60W09-SHT-DRAINDET01.dgn		DRAWN - YSK	REVISED -
		CHECKED - ---	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

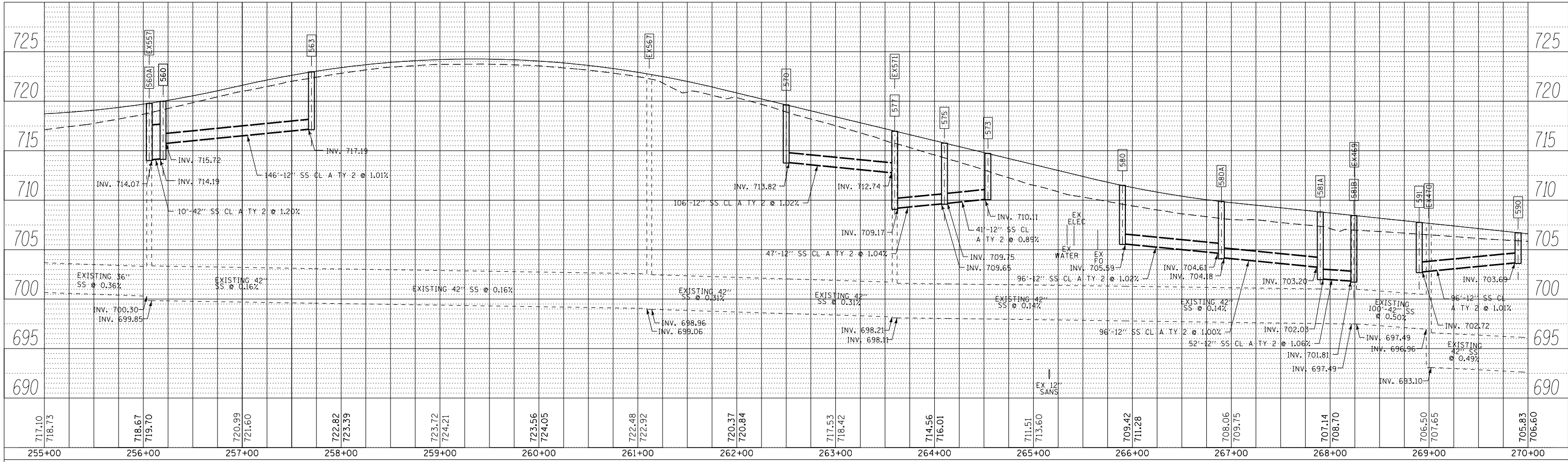
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STORM SEWER DRAINAGE DETAILS

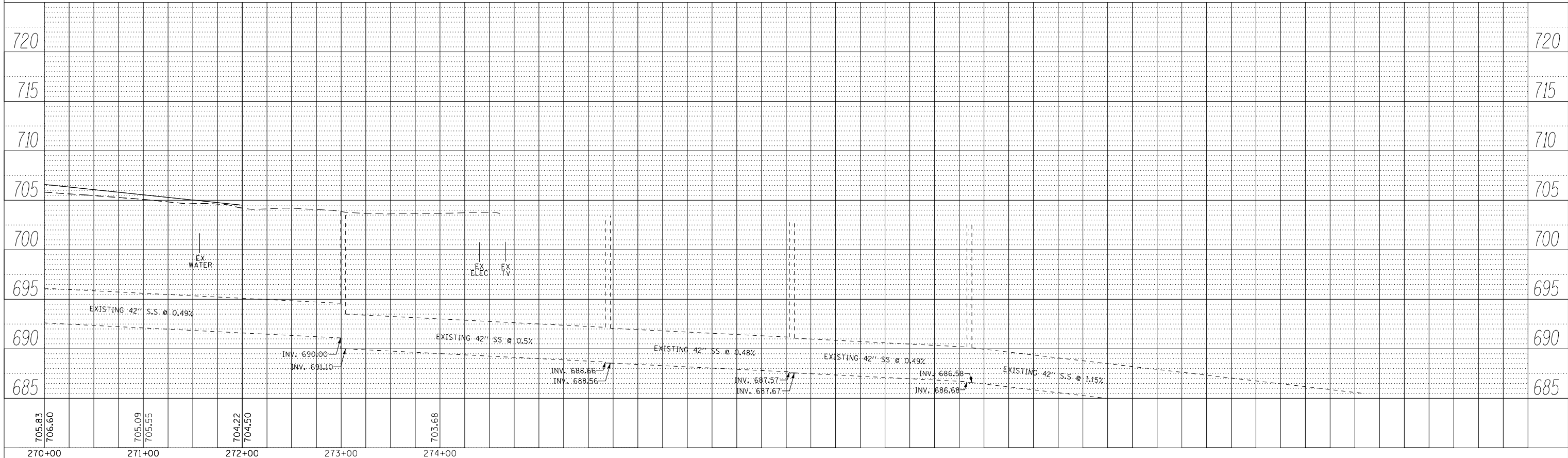
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	63
DD-01			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

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



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



URS
 100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL: (312) 999-4000
 FAX: (312) 939-4998

FILE NAME = D:\60W09-SHT-DRAIN\PROF04.dgn
 SHT_DOUBLE PROFILE

USER NAME = Anthony.Plutz
 PLOT SCALE = 100.000000' / in.
 PLOT DATE = 1/7/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 01/02/13

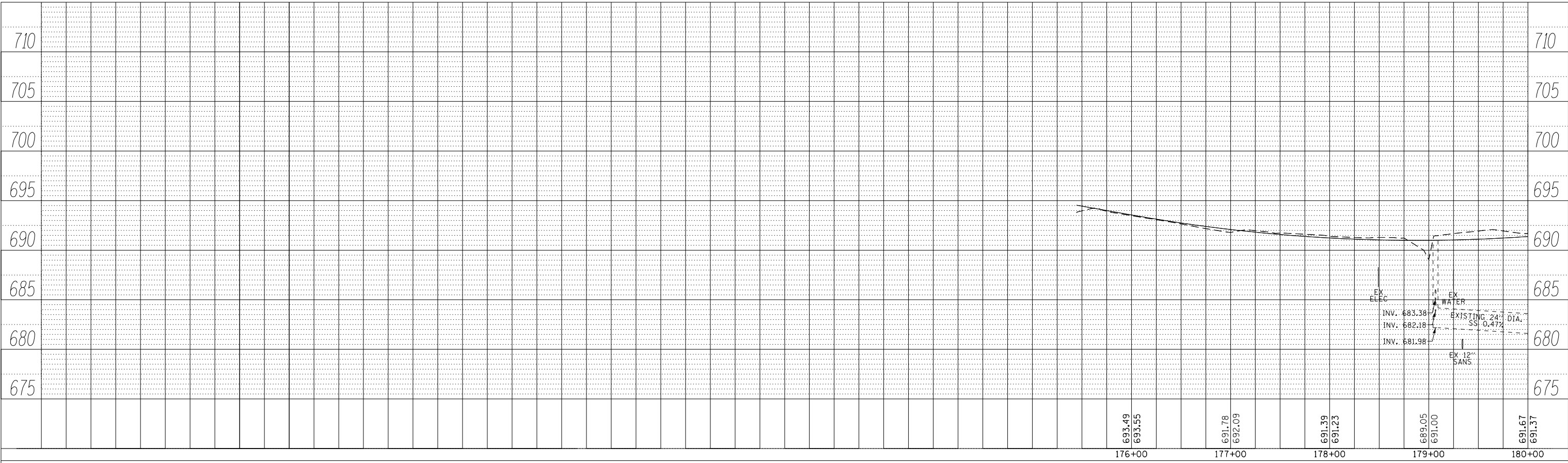
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

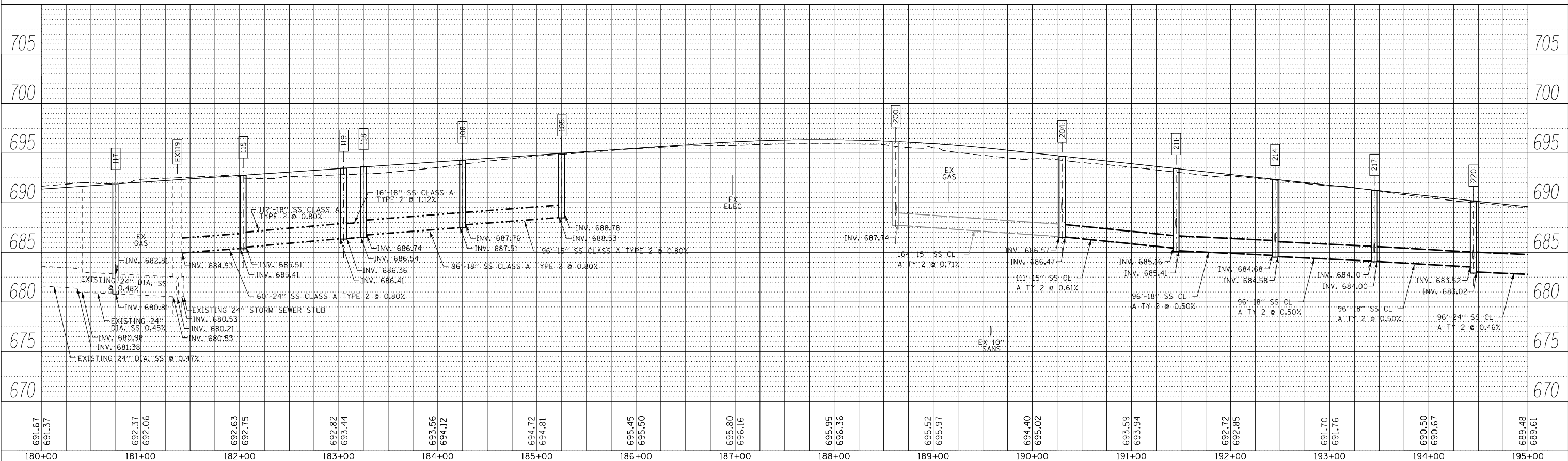
DRAINAGE PROFILE - US 45 (LAGRANGE ROAD)
 SCALE: 1"=50'H; 1"=5' SHEET 4 OF 4 SHEETS STA. 255+00.00 TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	64
DP-04			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

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



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



100 S. WACKER DR.
SUITE 300
CHICAGO, IL 60606
TEL 312/329-4000
FAX 312/329-4998



FILE NAME = D:\60W09-SHT-DRAIN\PROF01.dgn
SHT_DOUBLE PROFILE

USER NAME = Anthony.Plutz
DESIGNED - EJD
DRAWN - EJD
CHECKED - JWM
DATE - 01/02/13

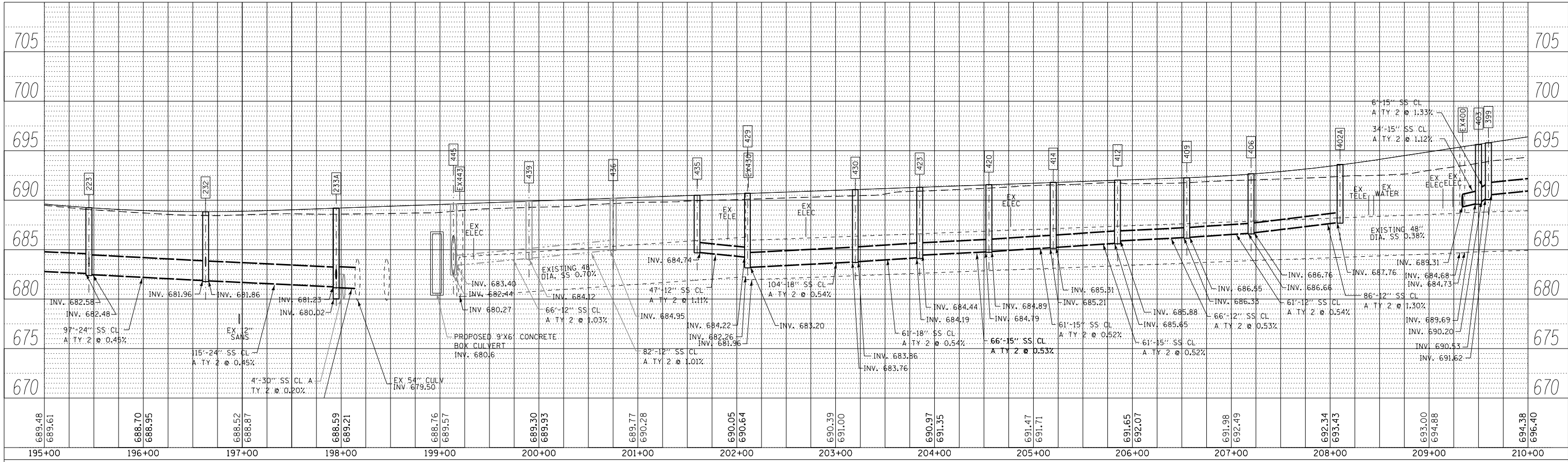
REVISOR -
REVISION -
REVISION -
REVISION -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

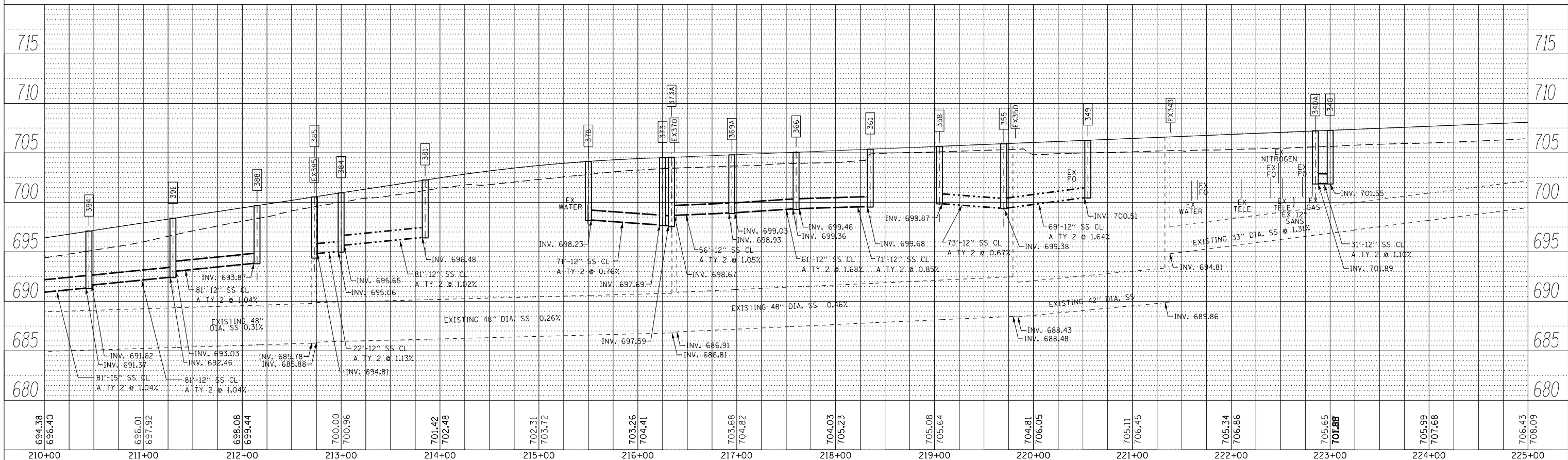
DRAINAGE PROFILE - US 45 (LAGRANGE ROAD)
SCALE: 1"=50'H; 1"=5' SHEET 1 OF 4 SHEETS STA. BEGIN TO STA. 195+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	65
DP-01		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

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



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

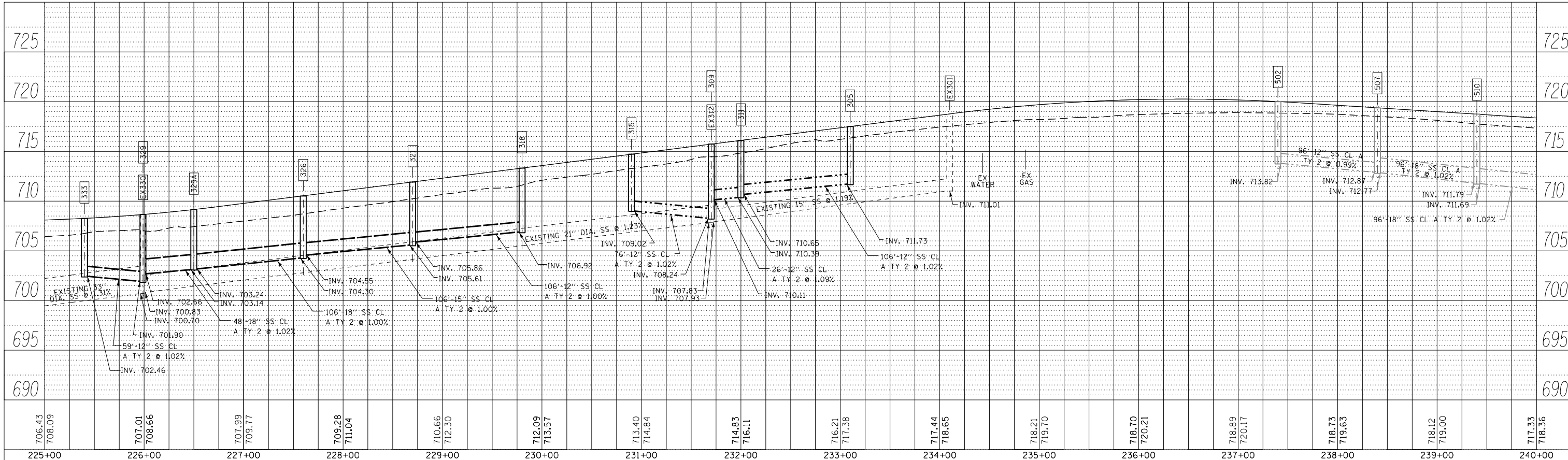


100 S. WACKER DR.
SUITE 300
CHICAGO, IL 60606
TEL 312/939-4900
FAX 312/939-4998

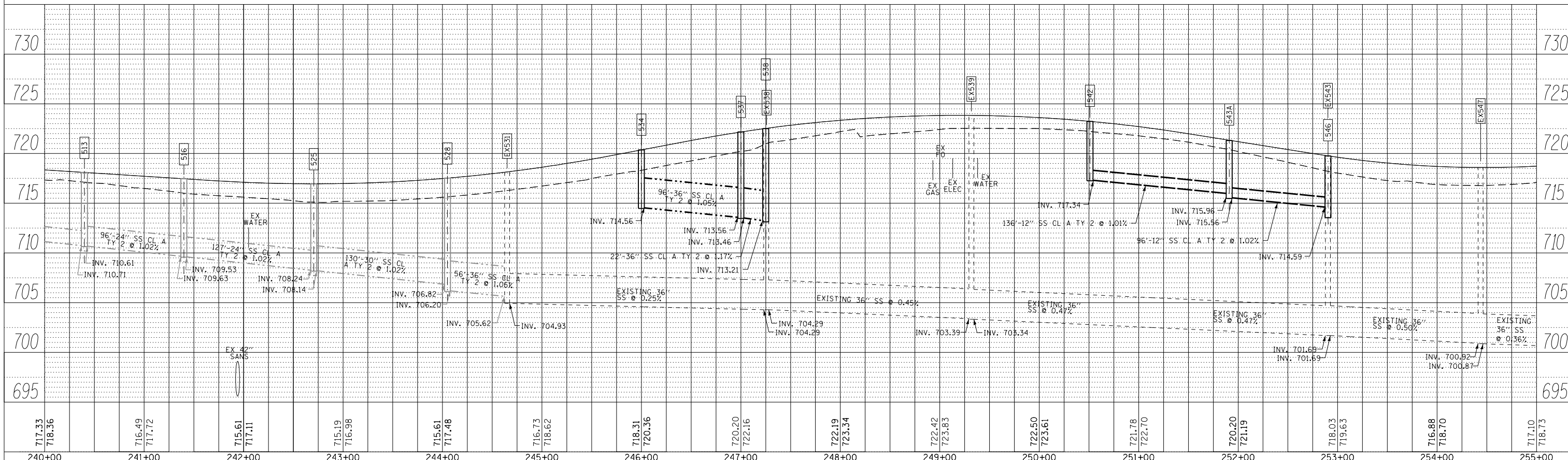


FILE NAME = D:\60W09-SHT-DRAIN\PROF02.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISIONS -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">DRAINAGE PROFILE - US 45 (LAGRANGE ROAD)</p> <p>SCALE: 1"=50'H 1"=5' SHEET 2 OF 4 SHEETS STA. 195+00.00 TO STA. 225+00.00</p>	F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 66
PLOT SCALE = 100.000000' / in.	CHECKED - JWM	REVISIONS -	CONTRACT NO. 60W09						
PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISIONS -	ILLINOIS FED. AID PROJECT						
SHT_DOUBLE PROFILE									

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



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



URS
 100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL 312/999-4000
 FAX 312/999-4998

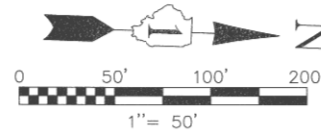
FILE NAME = D160W09-SHT-DRAINPROF03.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DRAINAGE PROFILE - US 45 (LAGRANGE ROAD) SCALE: 1"=50'H; 1"=5' SHEET 3 OF 4 SHEETS STA. 225+00.00 TO STA. 255+00.00	F.A.P. R.T.E. = 330	SECTION = 2012-0881	COUNTY = COOK	TOTAL SHEETS = 152	SHEET NO. = 67
PLOT SCALE = 100.000000' / in.	CHECKED - JWM	REVISED -	CONTRACT NO. = 60W09						
PLOT DATE = 1/7/2013	DATE = 01/02/13	REVISED -	ILLINOIS FED. AID PROJECT						
SHT_DOUBLE PROFILE									

PT OF NW 1/4 SEC 15 & NE 1/4 SEC 16, T36N, R12E OF THE 3RD PM, COOK CO. IL

Table with columns: PARCEL No., OWNER, TOTAL HOLDINGS (ACRES), PART TAKEN (ACRES), PREVIOUSLY DEDICATED (ACRES), REMAINDER (ACRES), EASEMENT AREA (ACRES), PERMANENT INDEX NUMBER, PURPOSE OF EASEMENT, ACQUIRED BY.

* AREA WAS SCALED FROM DIGITAL AERIAL PHOTOGRAPHY

Table with columns: CORNER, STATION, OFFSET, CORNER, STATION, OFFSET. Lists stationing and offsets for various corners.



SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS

Table with columns: F.A.P. ROUTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO.

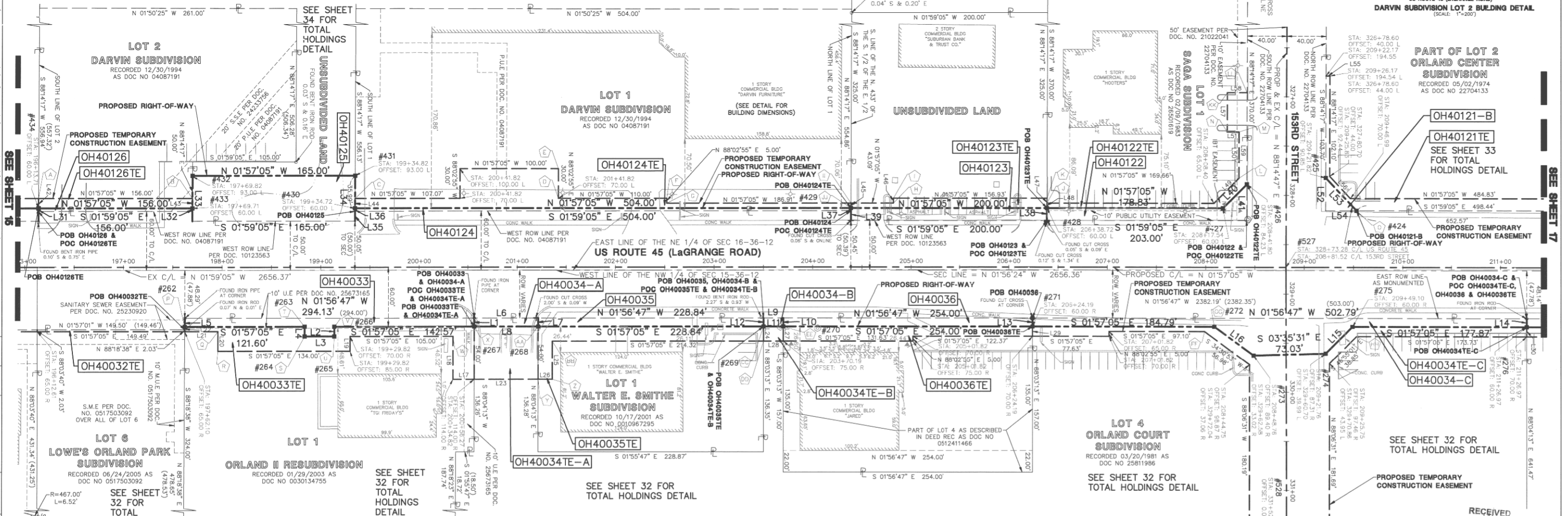
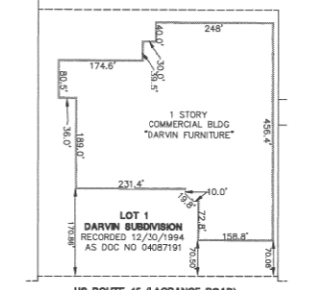


Table with columns: BY, DATE, MADE, CHECKED, LINKED, NO. BOO, R.O.W. PLAT, NO. BOO.

STATE OF ILLINOIS } COUNTY OF DUPAGE

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTIONS 3, 4, 9, 10, 15, 16, 21, 22, 27, 28, 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 14 OCT 2011 THIS 17TH DAY OF OCTOBER A.D., 2011.

WILLIAM W. WRIGHT ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502 LICENSE EXPIRES NOVEMBER 30, 2012

DESIGN FIRMS LICENSE NO. 184003350 LICENSE EXPIRES APRIL 30, 2013

BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE 'GROUND' NOT 'GRID'.

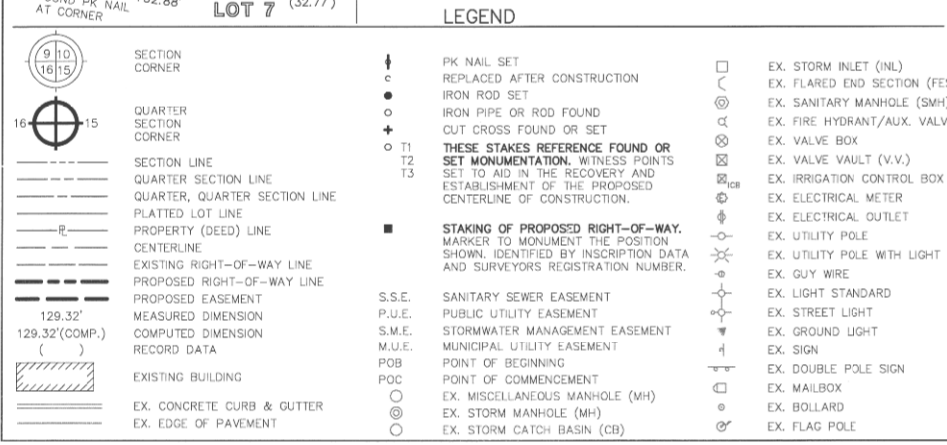
COMBINED SCALE FACTOR (GROUND TO GRID) = 0.999966013

Table with columns: REVISION DATE, DESCRIPTION, INITIALS. Lists revisions from 10/17/11 to 09/17/10.



IDOT14 - 090746 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING LTD logo and project information for PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION.



LINE TABLE with columns: LINE, BEARING, LENGTH, LINE, BEARING, LENGTH. Lists line data for L1 through L29.

SCANNED

RECORDING: RECORDED ON

AS DOCUMENT NO.

PT OF SE 1/4 SEC 9 & PT OF SW 1/4 SEC 10, T36N, R12E OF THE 3RD PM, COOK CO. IL

Table with columns: PARCEL No., OWNER, TOTAL HOLDINGS (ACRES), PART TAKEN (ACRES), PREVIOUSLY DEDICATED (ACRES), REMAINDER (ACRES), EASEMENT AREA (ACRES), PERMANENT INDEX NUMBER, PURPOSE OF EASEMENT, ACQUIRED BY.

Table with columns: CORNER, STATION, OFFSET, CORNER, STATION, OFFSET. Lists corner points A through Q with their respective stationing and offsets.

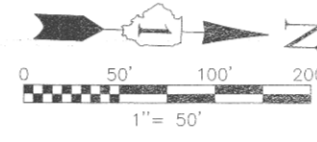
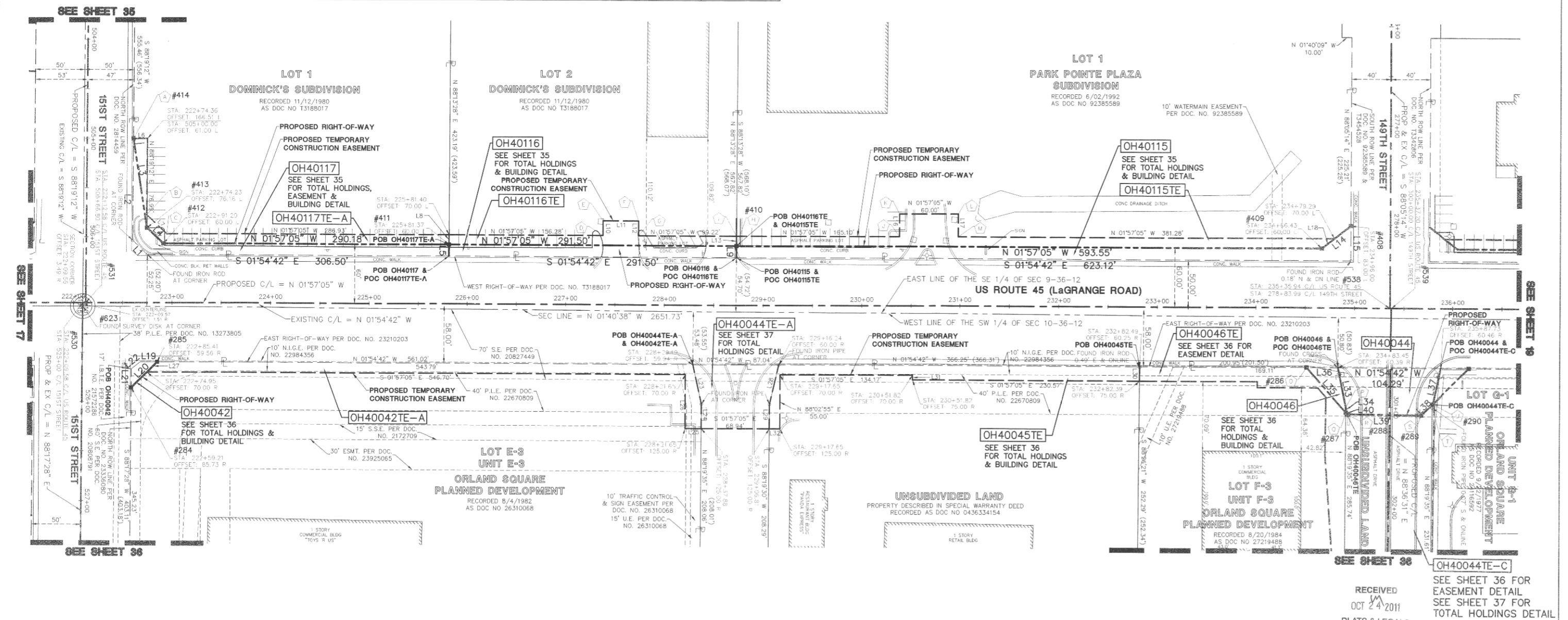


Table with columns: F.A.P. ROUTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 330/US 45, 131st St to 179th St, COOK, 152, 72.

ABBREVIATIONS

SE = SEWER EASEMENT
I.B.T.E. = ILLINOIS BELL TELEPHONE EASEMENT
P.L.E. = TEXAS PIPELINE CO. EASEMENT
N.I.G.E. = NORTHERN ILLINOIS GAS CO. EASEMENT
S.S.E. = STORM SEWER EASEMENT

SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS



Small table with columns: BY, DATE, MADE, CHECKED, LINKED, NO. Rows for R.O.W. PLAT, NOTEBOOK, and other project details.

LEGEND

- List of symbols and their meanings: SECTION CORNER, QUARTER SECTION CORNER, SECTION LINE, QUARTER SECTION LINE, PLATTED LOT LINE, PROPERTY (DEED) LINE, CENTERLINE, EXISTING RIGHT-OF-WAY LINE, PROPOSED RIGHT-OF-WAY LINE, PROPOSED EASEMENT, MEASURED DIMENSION, COMPUTED DIMENSION, RECORD DATA, EXISTING BUILDING, EX. CONCRETE CURB & CUTTER, EX. EDGE OF PAVEMENT, EX. QUARD RAIL, etc.

Table with columns: LINE, BEARING, LENGTH, LINE, BEARING, LENGTH. Lists line segments L1 through L20 with their bearings and lengths.

STATE OF ILLINOIS) 55
COUNTY OF DuPAGE)
I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND IN COOK COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LOMBARD, ILLINOIS THIS 17TH DAY OF OCTOBER A.D., 2011.
WILLIAM W. WRIGHT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2012
DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2013
BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".
COMBINED SCALE FACTOR (GROUND TO GRID) = 0.999966013
REVISION DATE DESCRIPTION INITIALS

Manhard CONSULTING logo and project information: PLAT OF HIGHWAYS, STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SECTION: 131st St to 179th St, COOK COUNTY, PROJECT: JOB NO. R-90-004-07, STATION 223+00 TO STATION 236+00, SCALE: 1" = 50', SHEET 18 OF 55.

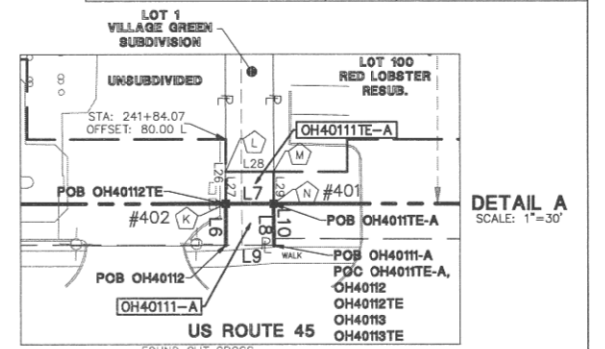
RECEIVED OCT 24 2011 SEE SHEET 36 FOR EASEMENT DETAIL SEE SHEET 37 FOR TOTAL HOLDINGS DETAIL PLATS & LEGALS

PT OF SE 1/4 SEC 9 & PT OF SW 1/4 SEC 10, T36N, R12E OF THE 3RD PM, COOK CO. IL

Table with columns: PARCEL No., OWNER, TOTAL HOLDINGS (ACRES), PART TAKEN (ACRES), PREVIOUSLY DEDICATED (ACRES), REMAINDER (ACRES), EASEMENT AREA (ACRES), PERMANENT INDEX NUMBER, PURPOSE OF EASEMENT, ACQUIRED BY.

Table with columns: LINE, BEARING, LENGTH, LINE, BEARING, LENGTH, LINE, BEARING, LENGTH. Contains survey data for various lines.

Table with columns: F.A.P. ROUTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 336/US 45, 131st St to 179th St, COOK, 152, 73.



SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS

SEE SHEET 20

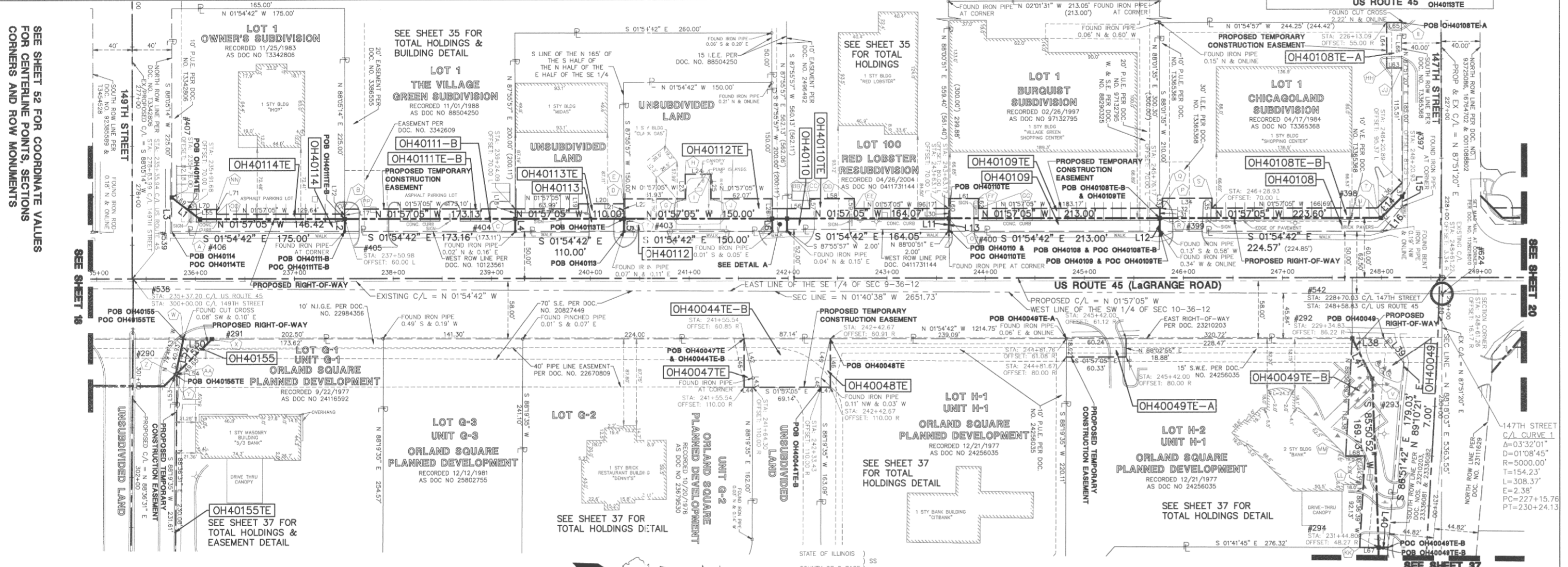


Table with columns: DATE, BY, MADE, CHECKED, INKED, R.O.W. PLAT, NOTEBOOK, NO.

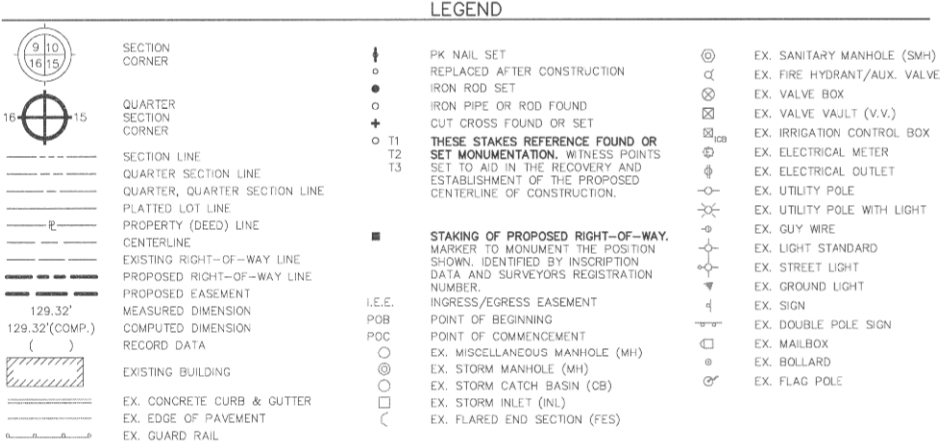


Table with columns: CORNER, STATION, OFFSET, CORNER, STATION, OFFSET. Lists corner data for various points.

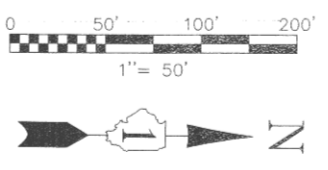
STATE OF ILLINOIS COUNTY OF DUPage. I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATE: 12/12/2011. RECEIVED DEC 13 2011 PLATS & LEGALS. ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502 LICENSE EXPIRES NOVEMBER 30, 2012. DESIGN FIRM LICENSE NO. 184003350 LICENSE EXPIRES APRIL 30, 2013. BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID". COMBINED SCALE FACTOR (GROUND TO GRID) = 0.999966013. TABLE with columns: REVISION DATE, DESCRIPTION, INITIALS.

Manhard CONSULTING logo. PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION. FAP 330/US ROUTE 45. SECTION: 131st St to 179th St COOK COUNTY PROJECT: STATION 236+00 TO STATION 249+00. SCALE: 1" = 50'. SHEET 19 OF 55. BUREAU OF LAND ACQUISITION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196. RECORDING: RECORDED ON AS DOCUMENT NO.

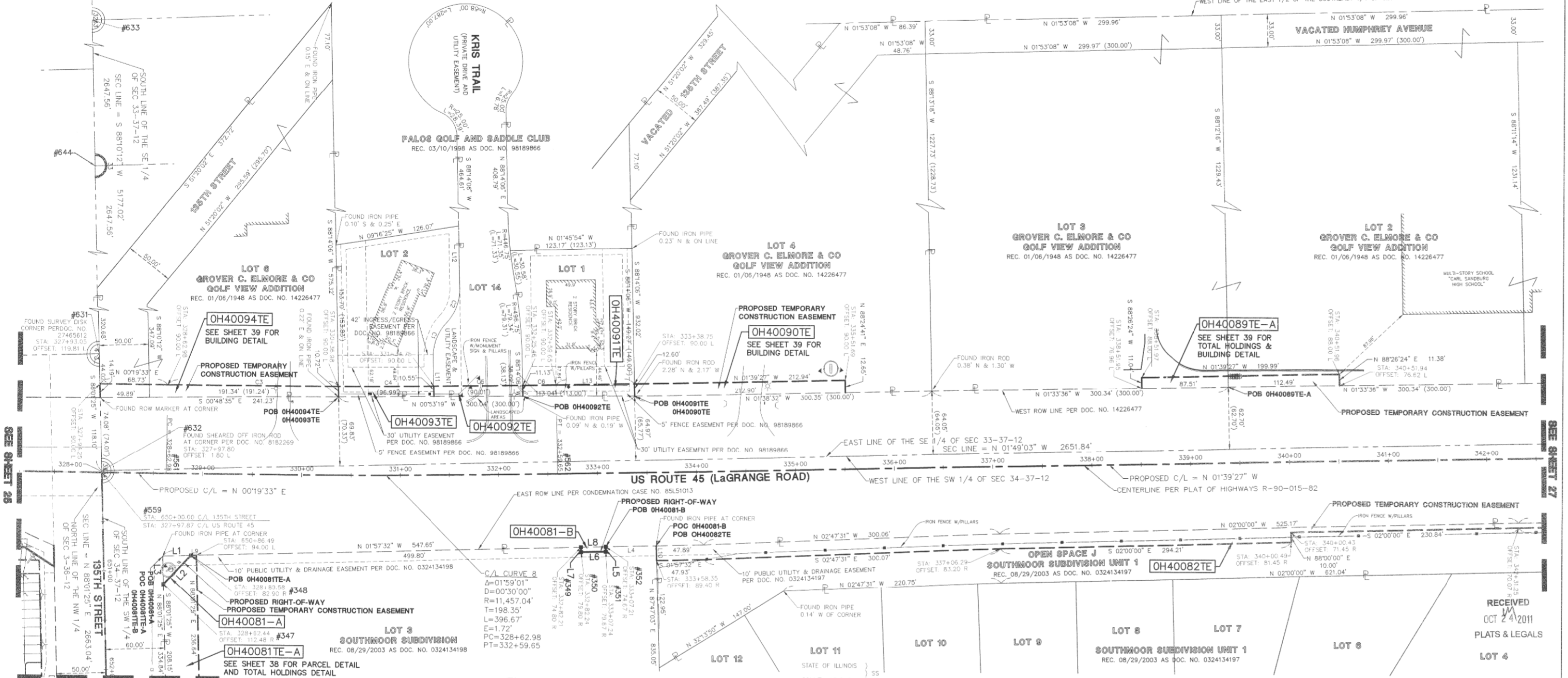
PT OF SW 1/4 SEC 34 & PT OF SE 1/4 OF SEC 33, T37N, R12E OF THE 3RD PM, COOK CO. IL

Table with columns: PARCEL No., OWNER, TOTAL HOLDINGS (ACRES), PART TAKEN (ACRES), PREVIOUSLY DEDICATED (ACRES), REMAINDER (ACRES), EASEMENT AREA (ACRES), PERMANENT INDEX NUMBER, PURPOSE OF EASEMENT, ACQUIRED BY.

Table with columns: F.A.P. ROUTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO., STATION 328+00 TO STATION 342+00, FED. ROAD DIST. NO. 1, ILLINOIS, FED. AID PROJECT.



SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS



BY: DATE: MADE: CHECKED: INKED: R.O.W. PLAT: NOTEBOOK NO.

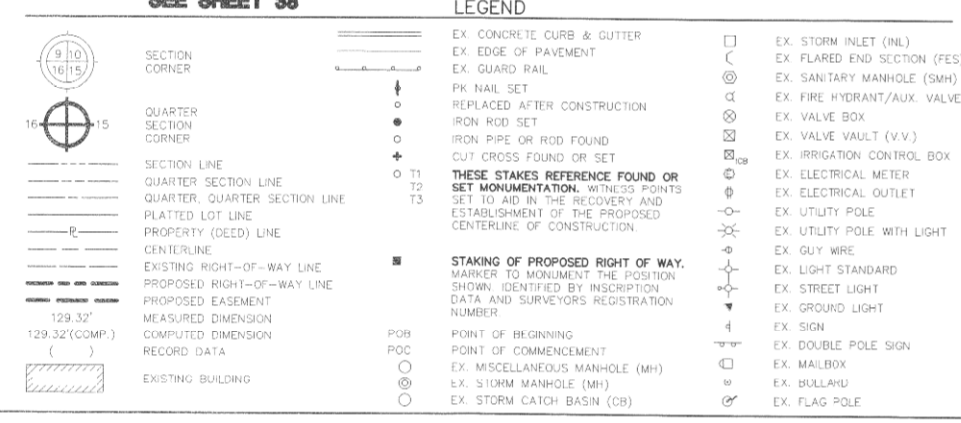
CURVE TABLE with columns: CURVE, RADIUS, LENGTH, CHORD BEARING, CHORD, DELTA.

LINE TABLE with columns: LINE, BEARING, LENGTH.

STATE OF ILLINOIS COUNTY OF DUPAGE I, WILLIAM W. WRIGHT DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTIONS 3, 4, 9, 10, 15, 16, 21, 22, 27, 28, 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LOMBARD, ILLINOIS THIS 17TH DAY OF OCTOBER A.D., 2011. ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502 LICENSE EXPIRES NOVEMBER 30, 2012. DESIGN FIRM LICENSE NO. 184003350 LICENSE EXPIRES APRIL 30, 2013. BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID". COMBINED SCALE FACTOR (GROUND TO GRID) = 0.999966013.

Table with columns: REVISION DATE, DESCRIPTION, INITIALS.



RECEIVED OCT 24 2011 PLATS & LEGALS. IDOT14 - 090746 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED. Manhard CONSULTING LTD. PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP 330/US ROUTE 45 SECTION: 131st St to 179th St COOK COUNTY PROJECT: JOB NO. R-90-004-07 STATION 328+00 TO STATION 342+00 SCALE: 1" = 50' SHEET 26 OF 55. BUREAU OF LAND ACQUISITION 201 WEST CENTER COURT SCHAMBURG, ILLINOIS 60196

PT OF E 1/2 SEC 33 & W 1/2 SEC 34, T37N, R12E OF THE 3RD PM, COOK CO. IL

Table with columns: PARCEL No., OWNER, TOTAL HOLDINGS (ACRES), PART TAKEN (ACRES), PREVIOUSLY DEDICATED (ACRES), REMAINDER (ACRES), EASEMENT AREA (ACRES), PERMANENT INDEX NUMBER, PURPOSE OF EASEMENT, ACQUIRED BY.

* TOTAL HOLDING WAS DETERMINED BY INFORMATION FROM RECORDED SUBDIVISION PLATS. A BOUNDARY SURVEY WAS NOT PERFORMED ON ENTIRE TOTAL HOLDING.

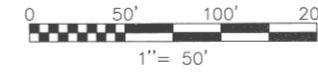
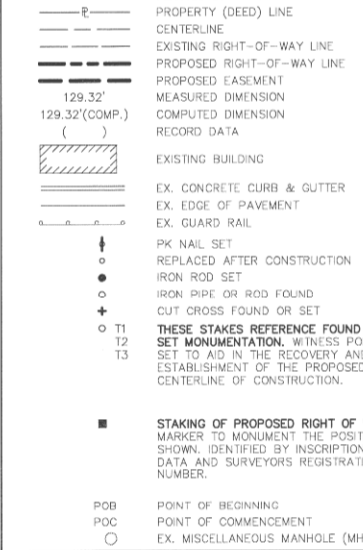
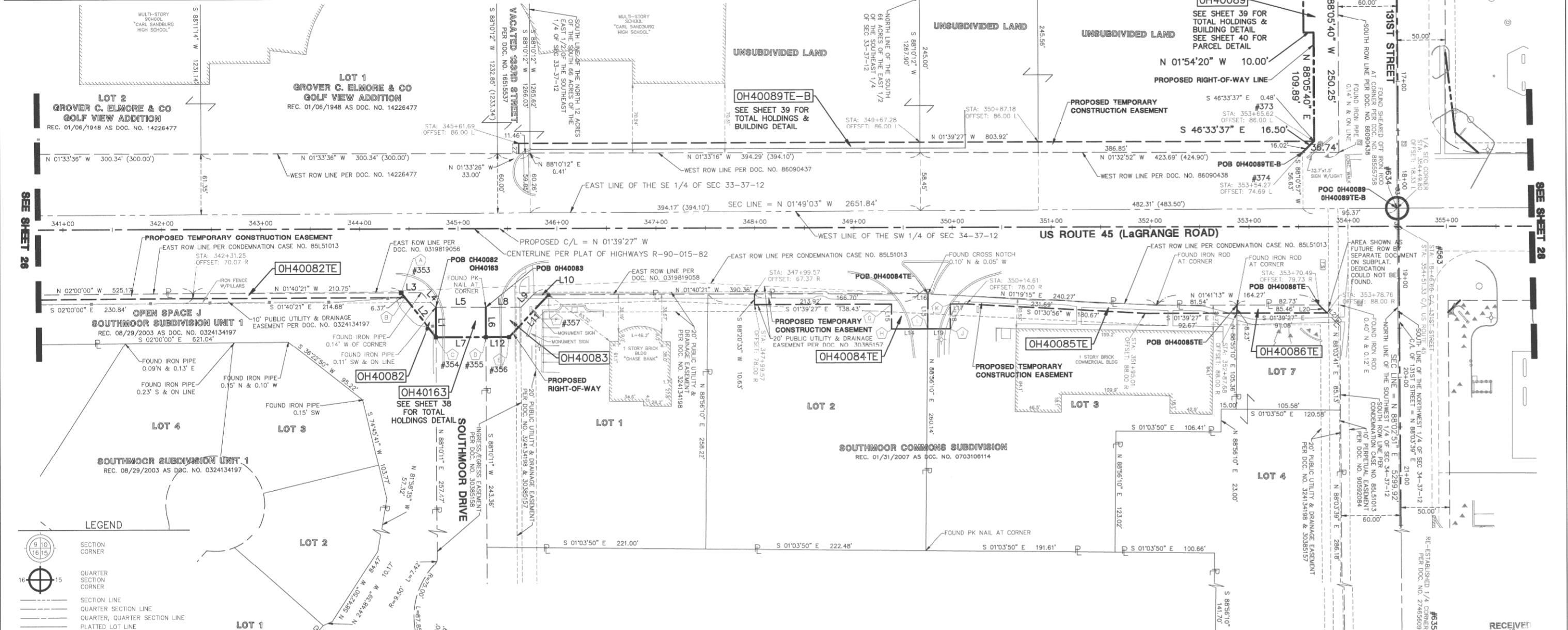


Table with columns: F.A.P. ROUTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO., STATION 342+00 TO STATION 355+00, ILLINOIS, FED. AID PROJECT.



LINE TABLE with columns: LINE, BEARING, LENGTH. Lists lines L1 through L22 with their respective bearings and lengths.

CORNER STATION OFFSET table with columns: CORNER, STATION, OFFSET. Lists corners A through K with their stationing and offsets.

SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS

STATE OF ILLINOIS } COUNTY OF DuPAGE } I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTIONS 3, 4, 9, 10, 15, 16, 21, 22, 27, 28, 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

Table with columns: REVISION DATE, DESCRIPTION, INITIALS. Lists revisions 01/13/12, 10/17/11, 07/27/11, 02/14/11, and REVISION DATE, DESCRIPTION, INITIALS.

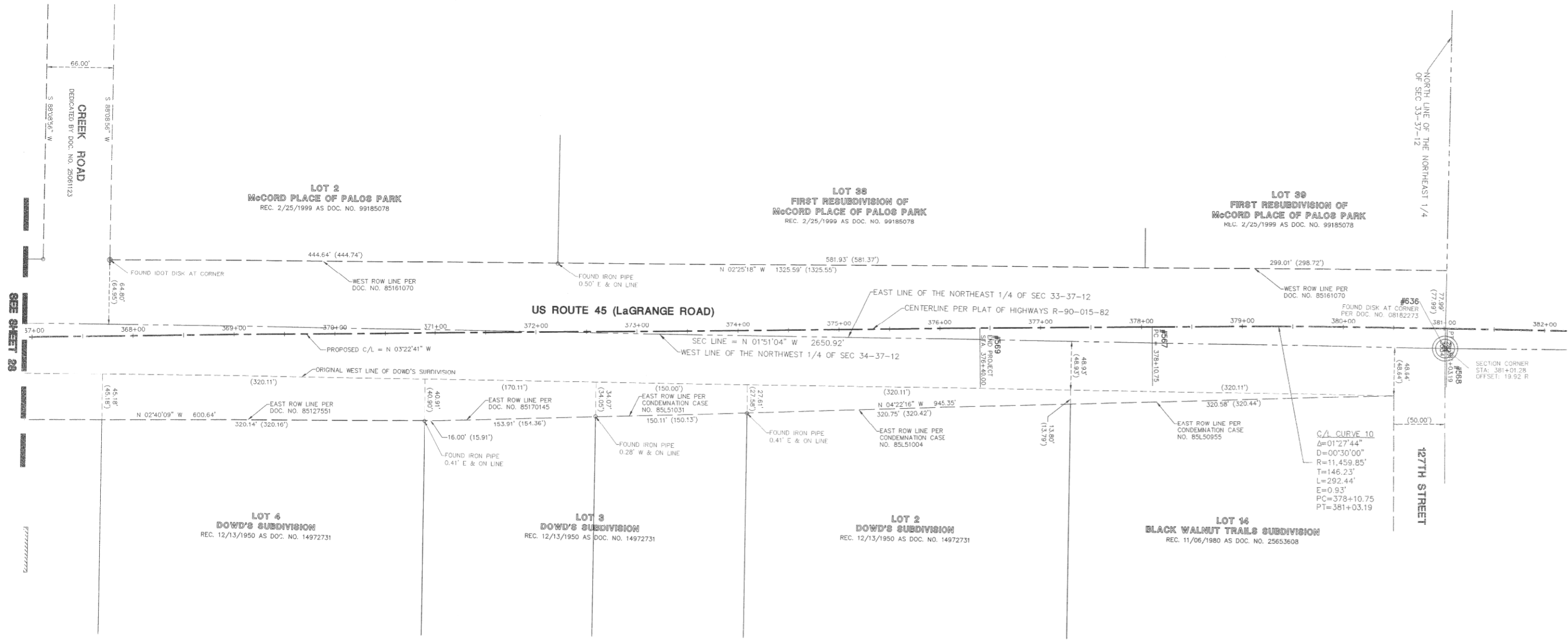
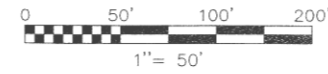
RECORDING: RECORDED ON AS DOCUMENT NO. 107132

Manhard CONSULTING logo and project information including: PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION, SECTION: 131st St to 179th St COOK COUNTY PROJECT: JOB NO. R-90-004-07, STATION 342+00 TO STATION 355+00, SCALE: 1" = 50', SHEET 27 OF 55, BUREAU OF LAND ACQUISITION 201 WEST CENTER COURT SCHAMBURG, ILLINOIS 60196.

RECEIVED JAN 11 2012 PLATS & LEGALS

PT OF NE 1/4 SEC 33 & PT OF NW 1/4 SEC 34, T37N, R12E OF THE 3RD PM, COOK CO. IL.

F.A.P. ROUTE 330/US 45	SECTION 131st St to 179th St	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 84
STATION 368+00 TO STATION 382+00				
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



P.C.W. PLAT NO.	NOTEBOOK NO.	MADE	CHECKED	INKED	BY	DATE

SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS

RECEIVED
OCT 24 2011
PLATS & LEGALS

LEGEND	
	SECTION CORNER
	QUARTER SECTION CORNER
	SECTION LINE
	QUARTER SECTION LINE
	PLATTED LOT LINE
	PROPERTY (DEED) LINE
	CENTERLINE
	EXISTING RIGHT-OF-WAY LINE
	PROPOSED RIGHT-OF-WAY LINE
	PROPOSED EASEMENT
	MEASURED DIMENSION
	COMPUTED DIMENSION
	RECORD DATA
	EXISTING BUILDING
	EX. CONCRETE CURB & GUTTER
	EX. EDGE OF PAVEMENT
	EX. GUARD RAIL
	PK NAIL SET
	IRON ROD SET
	IRON PIPE OR ROD FOUND
	CUT CROSS FOUND OR SET
	THESE STAKES REFERENCE FOUND OR SET MONUMENT. WITNESS POINTS SET TO AID IN THE RECOVERY AND ESTABLISHMENT OF THE PROPOSED CENTERLINE OF CONSTRUCTION.
	STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
	POB POINT OF BEGINNING
	POC POINT OF COMMENCEMENT
	EX. MISCELLANEOUS MANHOLE (MH)
	EX. STORM MANHOLE (MH)
	EX. STORM CATCH BASIN (CB)
	EX. STORM INLET (INL)
	EX. FLARED END SECTION (FES)
	EX. SANITARY MANHOLE (SMH)
	EX. FIRE HYDRANT/AUX. VALVE
	EX. VALVE BOX
	EX. VALVE VAULT (V.V.)
	EX. IRRIGATION CONTROL BOX
	EX. ELECTRICAL METER
	EX. ELECTRICAL OUTLET
	EX. UTILITY POLE
	EX. UTILITY POLE WITH LIGHT
	EX. GUY WIRE
	EX. LIGHT STANDARD
	EX. STREET LIGHT
	EX. GROUND LIGHT
	EX. SIGN
	EX. DOUBLE POLE SIGN
	EX. MAILBOX
	EX. DOLLARD
	EX. FLAG POLE

STATE OF ILLINOIS }
COUNTY OF DuPAGE } 55

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTIONS 3, 4, 9, 10, 15, 16, 21, 22, 27, 28, 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LOMBARD, ILLINOIS THIS 17TH DAY OF OCTOBER A.D., 2011.

William W. Wright
WILLIAM W. WRIGHT
3502 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
LICENSE EXPIRES NOVEMBER 30, 2012

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2013

BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".

COMBINED SCALE FACTOR (GROUND TO GRID) = 0.999966013

10/17/11	ISSUED FINAL SURVEY TO IDOT	WWW
07/27/11	ADDED POINT NUMBERS FOR COORDINATE TABLE	WWW
REVISION DATE	DESCRIPTION	INITIALS

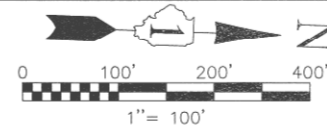
IDOT14 -- 090746 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING LTD
200 Sherman Drive, Lombard, IL 60148 • 630.261.8800 • 1630 East 83rd Street, Chicago, IL 60619
Civil Engineers • Surveyors • Water Resources Engineers • Water & Wastewater Engineers
Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330/US ROUTE 45
SECTION: 131st St to 179th St COOK COUNTY
PROJECT: JOB NO. R-90-004-07
STATION 368+00 TO STATION 382+00

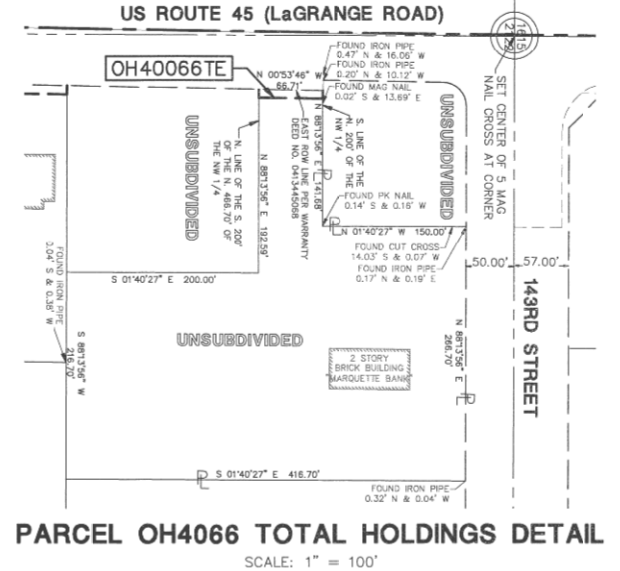
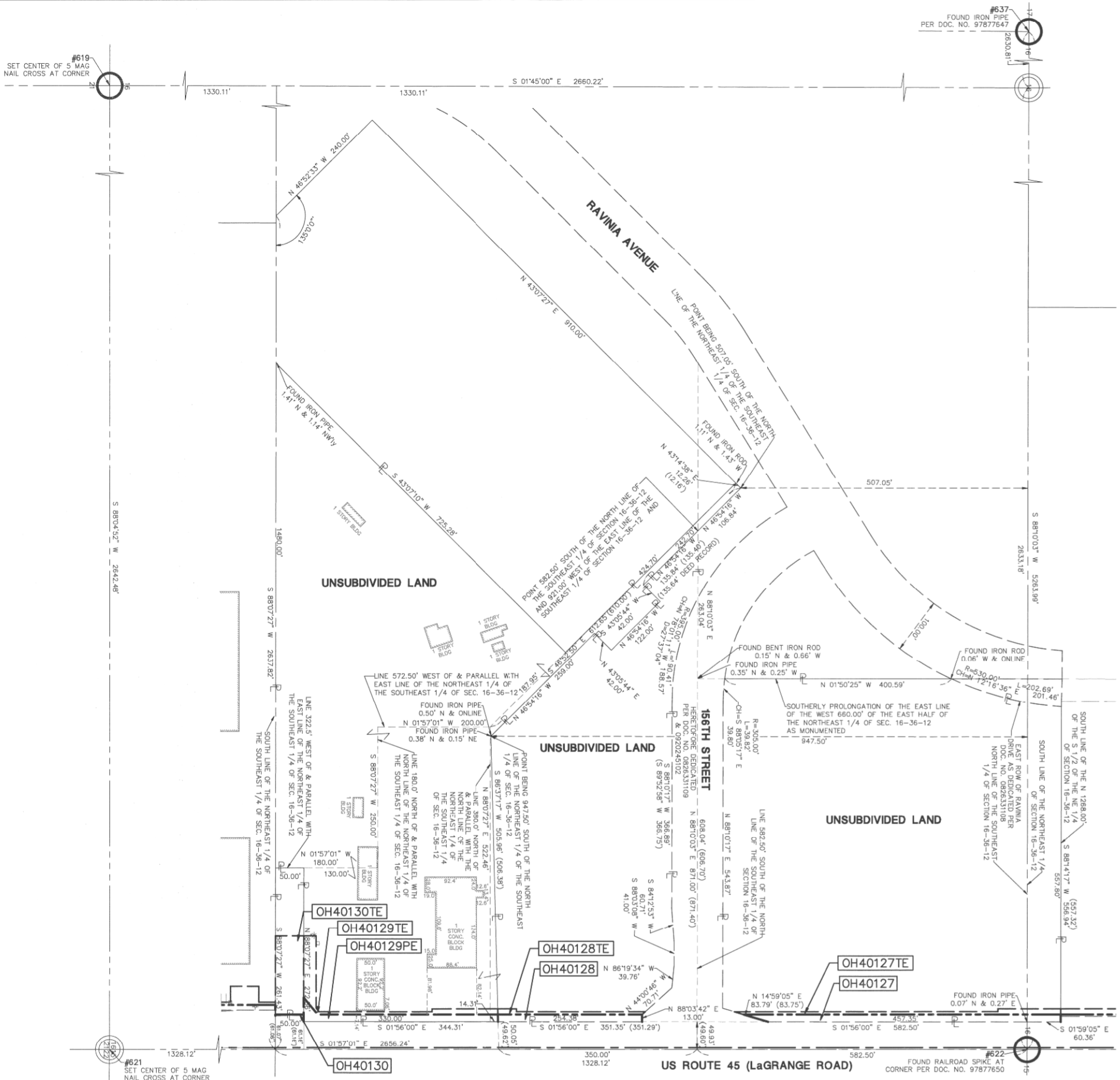
SCALE: 1" = 50' SHEET 29 OF 52

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



F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/US 45	131st St to 179th St	COOK	152	85
TOTAL HOLDINGS PARCELS OH40127 THRU OH40130				
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT

SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS



PARCEL OH4066 TOTAL HOLDINGS DETAIL
SCALE: 1" = 100'

STATE OF ILLINOIS }
COUNTY OF DU PAGE } SS

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTIONS 3, 4, 9, 10, 15, 16, 21, 22, 27, 28, 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AND FORWARDED IN ILLINOIS THIS 29TH DAY OF NOVEMBER A.D., 2011.

William W. Wright
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2012

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2013

BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".

COMBINED SCALE FACTOR (GROUND TO GRID) = 0.999966013



IDOT14 - 090746 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330/US ROUTE 45
SECTION: 131st St to 179th St COOK COUNTY
PROJECT: JOB NO. R-90-004-07

RECEIVED
JAN 05 2012
PLATS & LEGALS

PARCELS OH40127 THRU OH40130
TOTAL HOLDINGS DETAIL

REVISION DATE	DESCRIPTION	INITIALS
11/29/11	ELIMINATED PARCEL OH40129 AND ADDED PARCEL OH40129PE	SDR
10/17/11	ISSUED FINAL SURVEY TO IDOT	SJP
07/14/11	ADDED RECORDING INFORMATION FOR PARCEL OH40129	SJP
06/29/11	REVISED TOTAL HOLDINGS FOR PARCEL OH40129	SJP
11/10/10	REVISED PER IDOT REVIEW	SJP
09/17/10	REVISED PER IDOT REVIEW	SJP

TOTAL HOLDINGS PARCELS OH40127 THRU OH40130
SCALE: 1" = 100' SHEET 31 OF 55

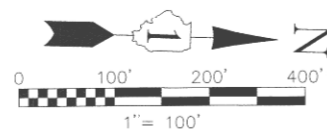
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

DATE	BY	REVISION

November 29, 2011 - 11:10 Dwg Name: P:\0014\0014\Drawings\Plat of Highways\Plat of Highways\31-TOTAL HOLDINGS OH40127-040130.dwg Updated By: smatry

PT OF NW 1/4 SEC 15, T36N, R12E OF THE 3RD PM, COOK CO. IL

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINING (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
OH40162TE	RYSER PROPERTIES, INC.	0.235	N/A	0.000	N/A	386 SQ. FT. OR 0.009	27-09-215-039	TEMPORARY	



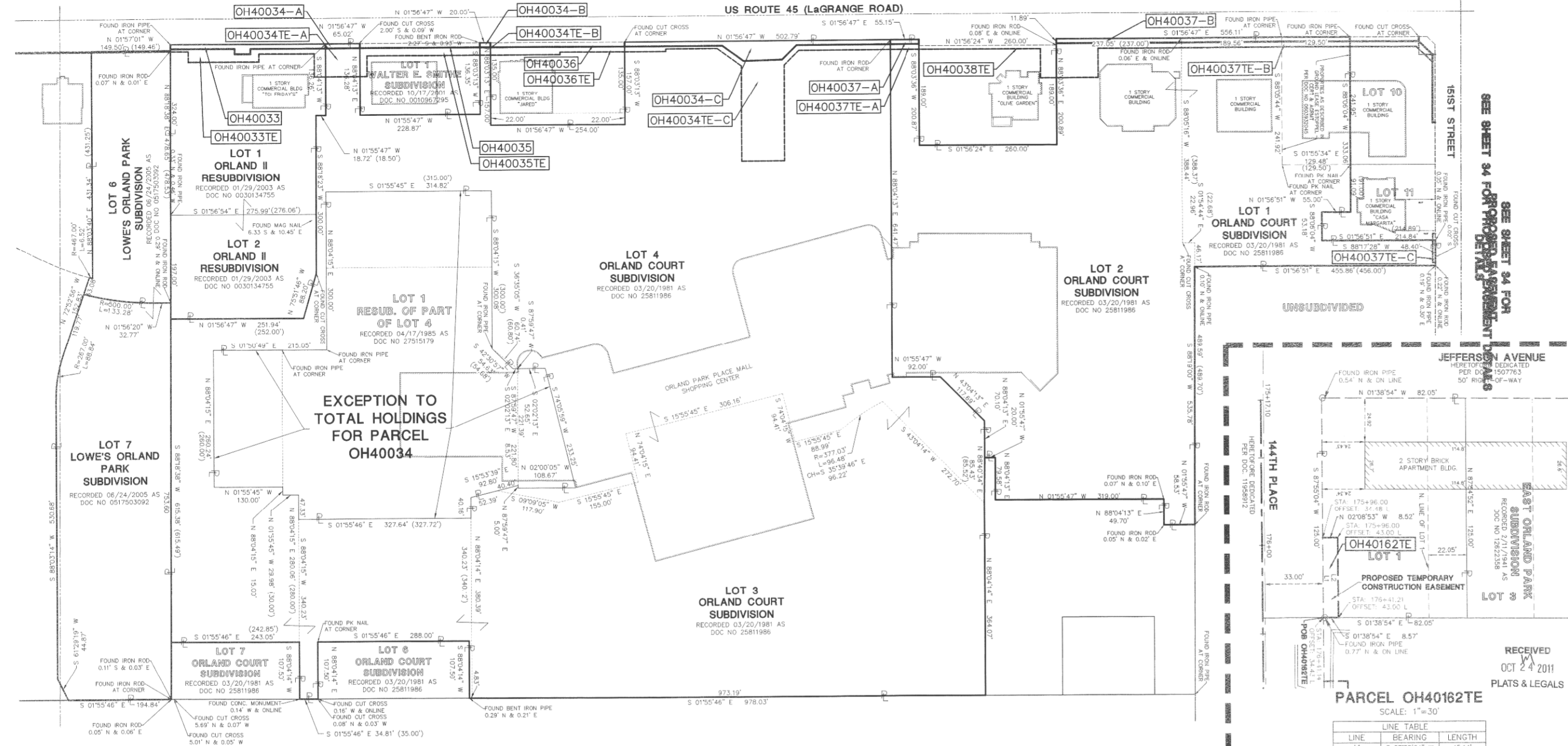
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/US 45	131st St to 179th St	COOK	152	86

TOTAL HOLDINGS PARCELS OH40034 AND OH40037

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

SEE SHEET 16 FOR PROPOSED RIGHT-OF-WAY AND EASEMENT DETAILS

SEE SHEET 17 FOR PROPOSED RIGHT-OF-WAY AND EASEMENT DETAILS



R.O.W. PLAT	MADE	CHECKED	INCHES	NOTEBOOK NO.



LEGEND

- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. WITNESS POINTS SET TO AID IN THE RECOVERY AND ESTABLISHMENT OF THE PROPOSED CENTERLINE OF CONSTRUCTION.
- STAKING OF PROPOSED RIGHT-OF-WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- POINT OF BEGINNING
- POINT OF COMMENCEMENT
- EX. MISCELLANEOUS MANHOLE (MH)
- EX. STORM MANHOLE (MH)
- EX. STORM CATCH BASIN (CB)
- EX. STORM INLET (INL)
- EX. FLARED END SECTION (FES)
- EX. SANITARY MANHOLE (SMH)
- EX. FIRE HYDRANT/AUX. VALVE
- EX. VALVE BOX
- EX. VALVE VAULT (V.V.)
- EX. IRRIGATION CONTROL BOX
- EX. ELECTRICAL METER
- EX. ELECTRICAL OUTLET
- EX. UTILITY POLE
- EX. UTILITY POLE WITH LIGHT
- EX. GUY WIRE
- EX. LIGHT STANDARD
- EX. STREET LIGHT
- EX. GROUND LIGHT
- EX. SIGN
- EX. DOUBLE POLE SIGN
- EX. MAILBOX
- EX. BOLLARD
- EX. FLAG POLE

TOTAL HOLDINGS DETAIL FOR PARCELS OH40032, OH40034 & OH40037

STATE OF ILLINOIS)
 COUNTY OF DuPAGE)
 I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTIONS 3, 4, 9, 10, 15, 16, 21, 22, 27, 28, 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON; AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LOMBARD, ILLINOIS THIS 17TH DAY OF OCTOBER A.D., 2011

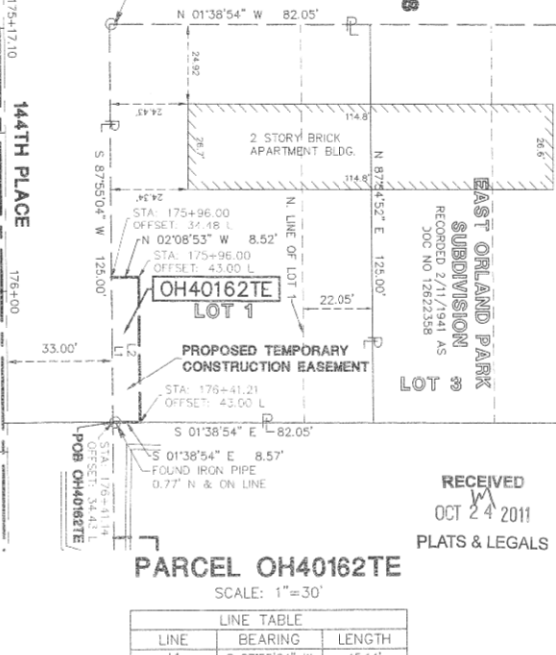
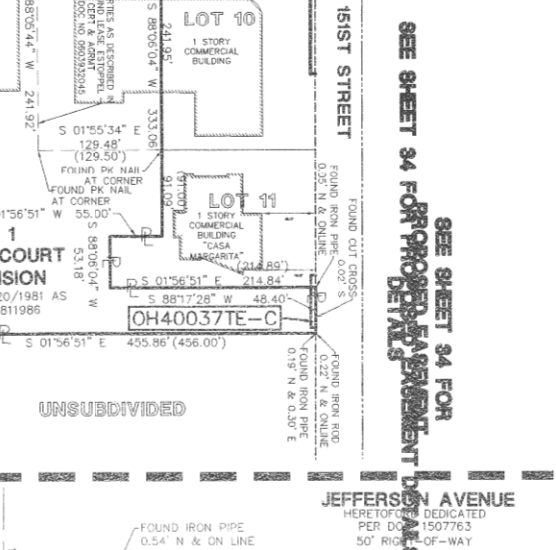
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
 LICENSE EXPIRES NOVEMBER 30, 2012

DESIGN FIRM LICENSE NO. 184003350
 LICENSE EXPIRES APRIL 30, 2013

BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".

COMBINED SCALE FACTOR (GROUND TO GRID) = 0.9999966013

REVISION DATE	DESCRIPTION	SJP
10/17/11	ISSUED FINAL SURVEY TO IDOT	SJP
03/09/11	REVISED LINE TABLE	SJP
02/14/11	ADDED PARCEL OH40162 PER ENGINEERING CONSULTANT MEMO	SJP
11/24/10	REVISED PER IDOT REVIEW	SJP
09/17/10	REVISED PER IDOT REVIEW	SJP
	REVISION DATE	INITIALS



RECEIVED OCT 24 2011 PLATS & LEGALS

PARCEL OH40162TE
 SCALE: 1"=30'

LINE	BEARING	LENGTH
L1	S 87°55'04" W	45.14'
L2	N 87°51'07" E	45.21'

IDOT14 - 090746 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING LTD.
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330/US ROUTE 45
 SECTION: 131st St to 179th St COOK COUNTY
 PROJECT: JOB NO. R-90-004-07

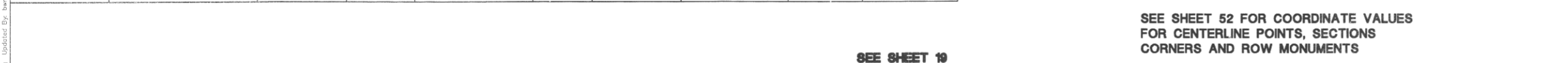
TOTAL HOLDINGS PARCELS OH40034 AND OH40037
 SCALE: 1" = 100' SHEET 32 OF 55

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

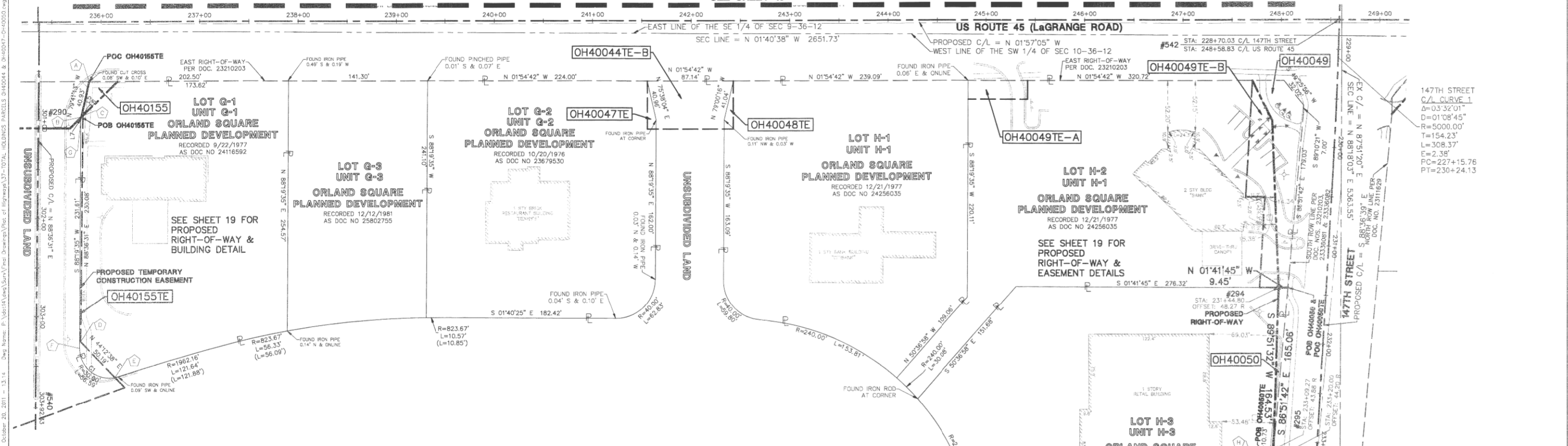
PT OF SW 1/4 SEC 10, T36N, R12E OF THE 3RD PM, COOK CO. IL

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
OH40050	ORLAND PARK MEDICAL PLAZA, LLC	2.500	0.018	0.000	2.482	0.027	27-10-300-018	TEMPORARY	
OH40155	FIFTH THIRD BANK	1.350	0.012	0.000	1.338	0.020	27-10-300-016	TEMPORARY	

F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/US 45	131st St to 179th St	COOK	152	87
TOTAL HOLDINGS PARCELS OH40044 & OH40047-OH40050				
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS



**147TH STREET
C/L CURVE 1**

Δ = 0.332° 01'
D = 01° 08' 45"
R = 5000.00'
T = 154.23'
L = 308.37'
E = 2.38'
PC = 227+15.76
PT = 230+24.13

DATE	BY	MAKE	CHECKED	INKEED

R.O.W. PLAT	NOTEBOOK NO.

LINE TABLE

LINE	BEARING	LENGTH
L1	S 86° 51' 42" E	60.03'
L2	S 01° 23' 21" W	18.86'
L3	N 88° 36' 39" W	60.00'
L4	N 01° 23' 21" E	20.80'
L5	S 79° 41' 13" E	37.15'
L6	N 46° 34' 08" W	2.01'
L7	N 79° 41' 13" W	3.78'

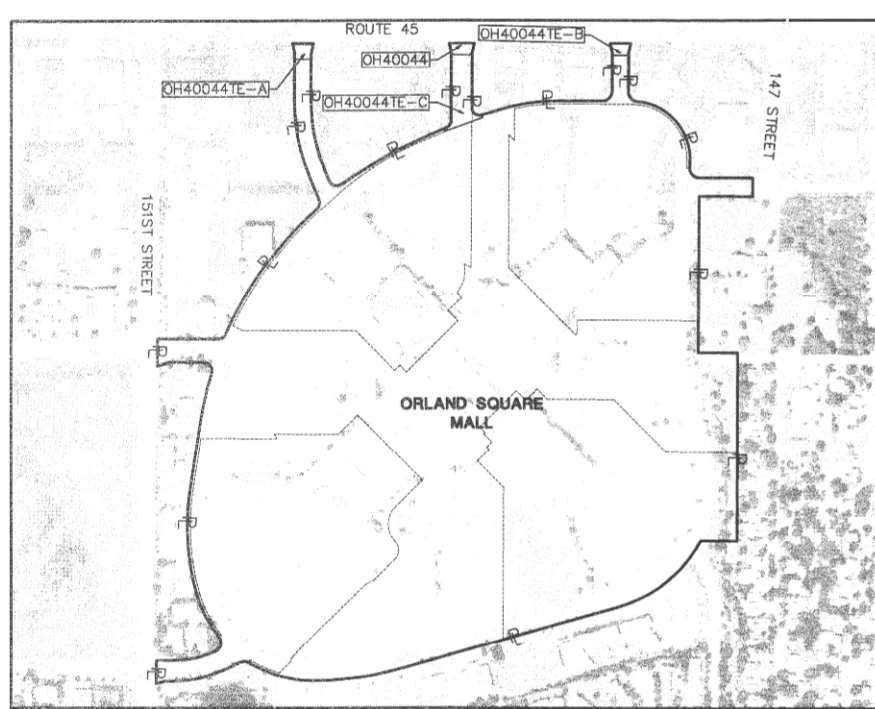
CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD
C1	30.00'	53.18'	S 37° 32' 43" W	46.48'

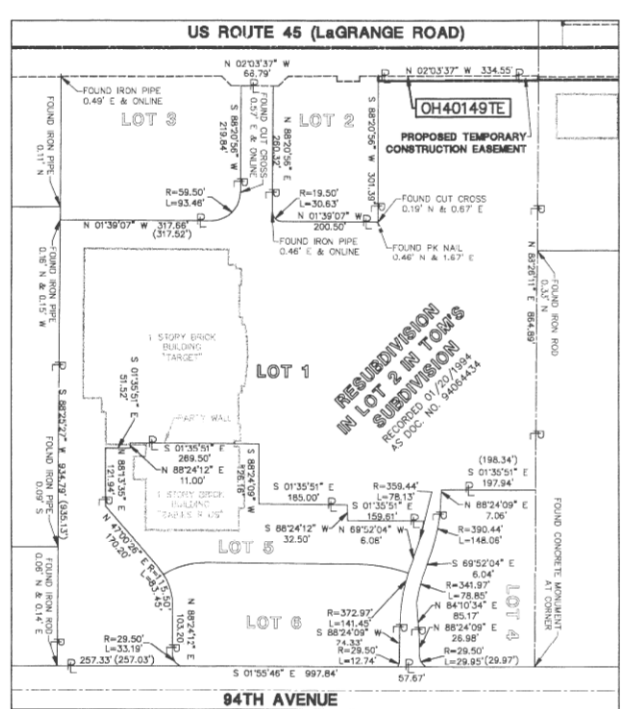
CORNER TABLE

CORNER	STATION	OFFSET
A	235+87.73	80.46 R
B	235+79.04	93.77 R
C	300+96.34	43.58 L
D	235+81.27	95.35 R
E	300+94.92	45.00 L
F	303+25.00	45.00 L
G	303+60.86	80.12 L
H	303+43.98	43.96 L
I	235+79.04	100.46 R
J	301+00.04	42.82 L
K	233+20.00	65.00 R
L	233+80.00	65.00 R

RECEIVED
OCT 24 2011
PLATS & LEGALS



TOTAL HOLDINGS DETAIL FOR PARCEL OH40044
SCALE 1" = 400'
TOTAL HOLDINGS FOR OH40044 = 41.701 AC.
(PER PLAT OF SURVEY REC. AS DOC. NO 26881766)



PARCEL OH40149
TOTAL HOLDINGS & BUILDING DETAIL
SCALE: 1" = 200'

STATE OF ILLINOIS)
COUNTY OF DuPAGE) SS

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTIONS 3, 4, 9, 10, 15, 16, 21, 22, 27, 28, 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LOMBARD, ILLINOIS THIS 17TH DAY OF OCTOBER A.D., 2011.



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2012
DESIGN FIRM LICENSE NO. 184003350
IICFNSF EXPIRES APRIL 30, 2013

REVISION DATE	DESCRIPTION	INITIALS
10/17/11	ISSUED FINAL SURVEY TO IDOT	SJP
07/14/11	REVISED OWNER OF PARCELS OH40050 & OH40155	SDR
03/09/11	REVISED LABEL ON PARCEL 0050	SJP
02/14/11	REVISED PARCELS 0155, 0049 & 0050 PER ENGINEERING CONSULTANT MEMO	SJP
11/10/10	REVISED PER IDOT REVIEW	WWW
10/08/10	ADDED PARCEL OH40149 DETAIL	SJP
09/17/10	REVISED PER IDOT REVIEW	SJP

1DOT14 — 090746 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING
Civil Engineers • Surveyors • Water Resources Engineers • Water & Wastewater Engineers
Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330/US ROUTE 45
SECTION: 131st St to 179th St COOK COUNTY
PROJECT: JOB NO. R-90-004-07

TOTAL HOLDINGS PARCELS OH40044 & OH40047-OH40050
SCALE: 1" = 50' SHEET 37 OF 55

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

PT OF SW 1/4 SEC 34, T37N, R12E OF THE 3RD PM, COOK CO. IL.

Table with columns: PARCEL No., OWNER, TOTAL HOLDINGS (ACRES), PART TAKEN (ACRES), PREVIOUSLY DEDICATED (ACRES), REMAINDER (ACRES), EASEMENT AREA (ACRES), PERMANENT INDEX NUMBER, PURPOSE OF EASEMENT, ACQUIRED BY.

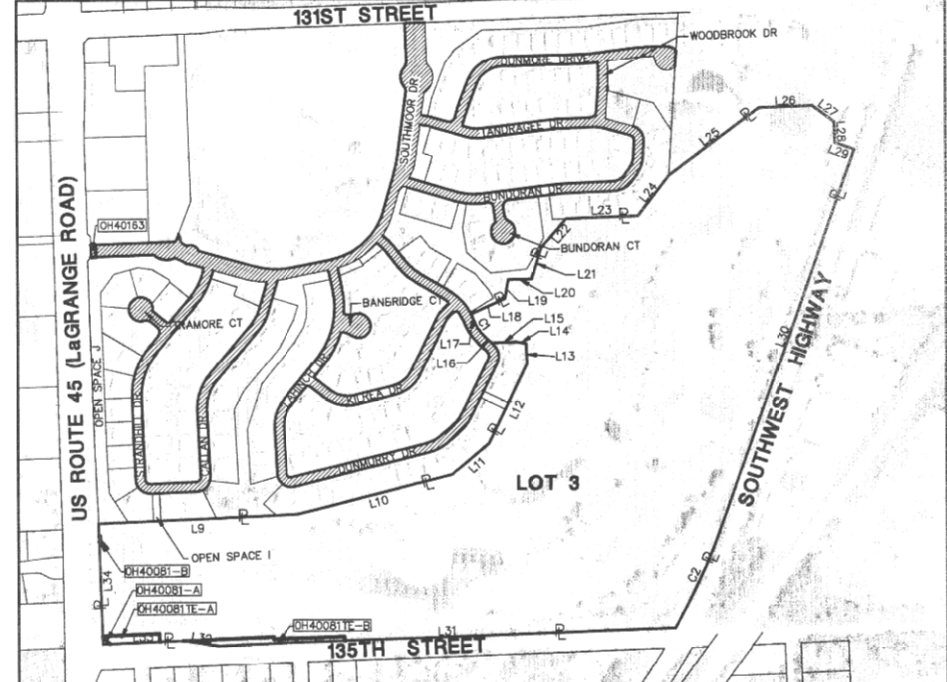


Table with columns: F&P ROUTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO., and project details for F&P 330/US 45, Section 131st St to 179th St, Cook County.

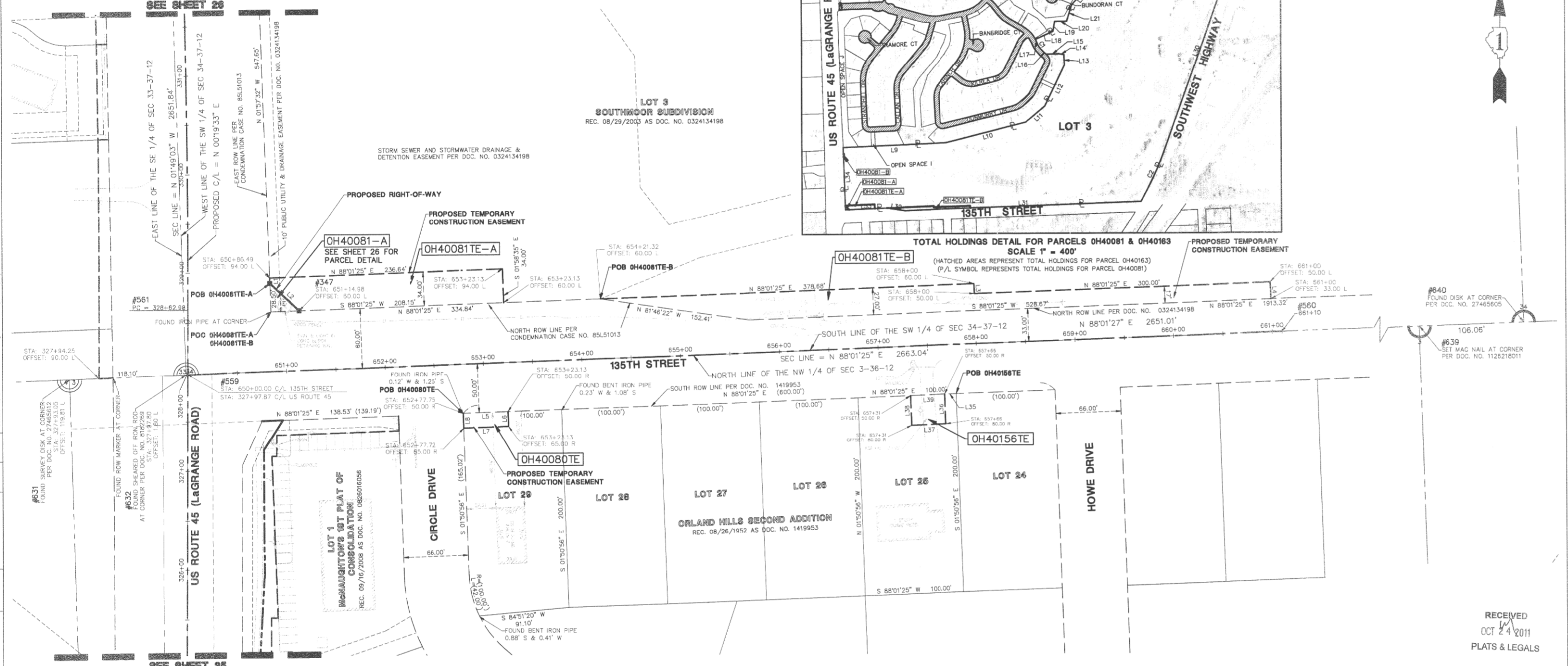
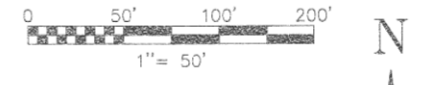


Table with columns: BY, DATE, MADE, CHECKED, INKED, R.O.W. PLAT, NOTEBOOK NO.

- LEGEND: PK NAIL SET, REPLACED AFTER CONSTRUCTION, IRON ROD SET, IRON PIPE OR ROD FOUND, CUT CROSS FOUND OR SET, THESE STAKES REFERENCE FOUND OR SET MONUMENTATION...

LINE TABLE: Table with columns LINE, BEARING, LENGTH, LINE, BEARING, LENGTH. Lists line data for L1 through L39.

STATE OF ILLINOIS)
COUNTY OF DUPAGE)
I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS...



SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS

Table with columns: REVISION DATE, DESCRIPTION, INITIALS. Lists revisions from 10/17/11 to 09/17/10.

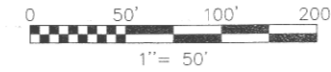
IDOT14 - 090746 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING logo and project information: PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION, SECTION: 131st St to 179th St, COOK COUNTY, PROJECT: 135TH STREET, SCALE: 1" = 50', SHEET 38 OF 55.

PT OF E 1/2 SEC 33 & PT OF W 1/2 SEC 34, T37N, R12E OF THE 3RD PM, COOK CO. IL (131 ST STREET)

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
OH40089	CONSOLIDATED HIGH SCHOOL DISTRICT NO. 230	51.153	0.383	0.000	50.770	N/A	23-33-401-022 23-33-401-025	N/A	
OH40157E	REPUBLIC BANK & TRUST COMPANY, AS TRUSTEE UNDER TRUST NO. R-1001	0.342	N/A	N/A	N/A	0.031	23-34-100-073	TEMPORARY	
OH40161E	IN RETAIL FUND SHOPPES AT MILL CREEK, LLC	14.555	N/A	N/A	N/A	0.036	23-33-201-015 23-33-201-018	TEMPORARY	

F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/US 45	131st St to 179th St	COOK	152	92
131ST STREET-STATION 11+50 TO STATION 24+00				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

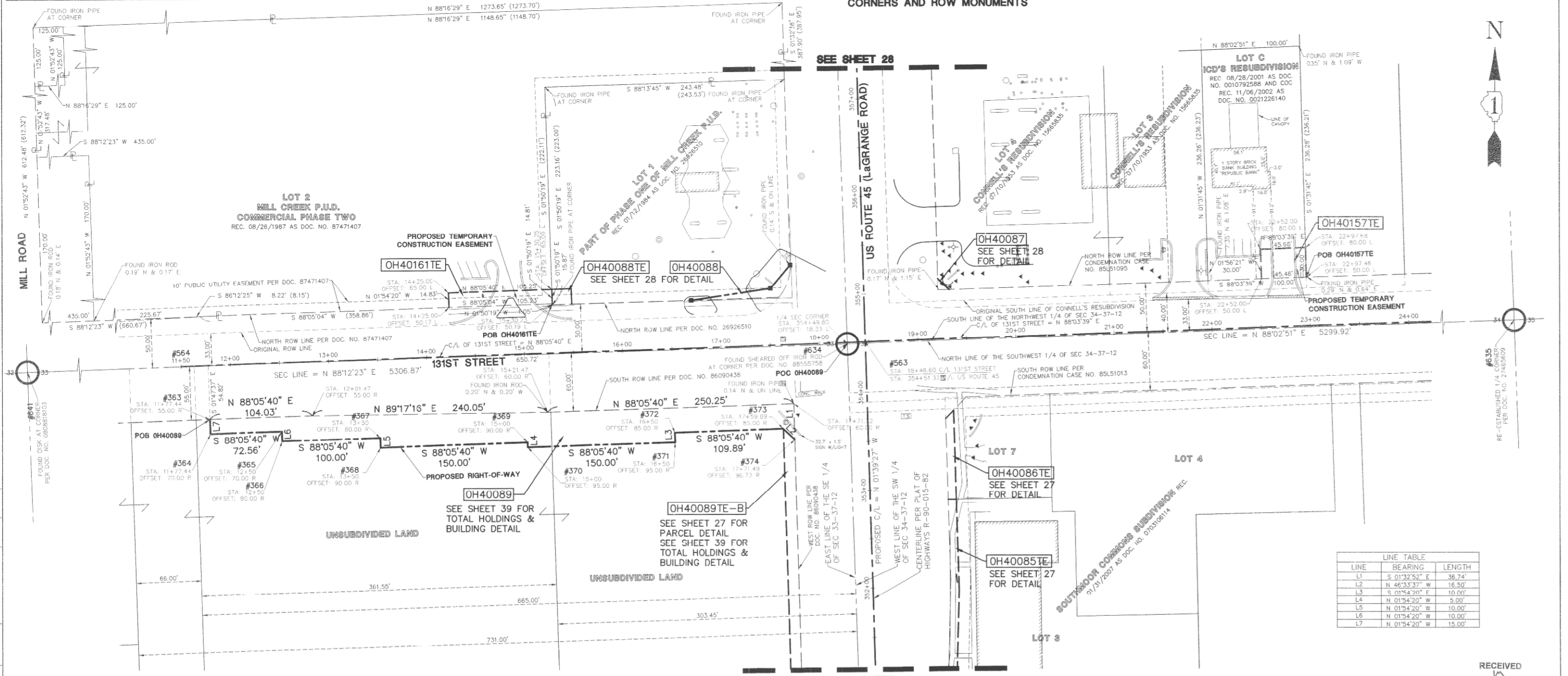


SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS

SEE SHEET 28

US ROUTE 45 (LaGRANGE ROAD)

SEE SHEET 27

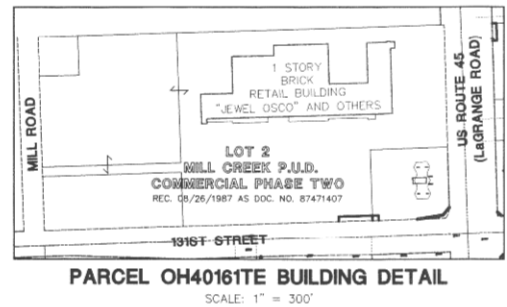


LINE	BEARING	LENGTH
L1	S 01°32'52" E	36.74'
L2	N 46°33'37" W	18.50'
L3	S 01°54'20" E	10.00'
L4	N 01°54'20" W	5.00'
L5	N 01°54'20" W	10.00'
L6	N 01°54'20" W	10.00'
L7	N 01°54'20" W	15.00'

BY	DATE	MADE	CHECKED	INKEED	NO.

LEGEND

- 9 10 SECTION CORNER
- 18 15 QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- CONTRIBUTIVE
- EXISTING RIGHT-OF-WAY LINE
- PROPOSED RIGHT-OF-WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- EX. CONCRETE CURB & GUTTER
- EX. EDGE OF PAVEMENT
- EX. GUARD RAIL
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. WITNESS POINTS SET TO AID IN THE RECOVERY AND ESTABLISHMENT OF THE PROPOSED CENTERLINE OF CONSTRUCTION.
- STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- POINT OF BEGINNING
- POINT OF COMMENCEMENT
- EX. MISCELLANEOUS MANHOLE (MH)
- EX. STORM MANHOLE (MH)
- EX. STORM CATCH BASIN (CB)
- EX. STORM INLET (INL)
- EX. FLARED END SECTION (FES)
- EX. SANITARY MANHOLE (SMH)
- EX. FIRE HYDRANT/AUX. VALVE
- EX. VALVE BOX
- EX. VALVE VALLT (V.V.)
- EX. IRRIGATION CONTROL BOX
- EX. ELECTRICAL METER
- EX. ELECTRICAL OUTLET
- EX. UTILITY POLE
- EX. UTILITY POLE WITH LIGHT
- EX. GUY WIRE
- EX. LIGHT STANDARD
- EX. STREET LIGHT
- EX. GROUND LIGHT
- EX. SIGN
- EX. DOUBLE POLE SIGN
- EX. MAILBOX
- EX. BOLLARD
- EX. FLAG POLE



STATE OF ILLINOIS } 55
COUNTY OF DuPAGE)

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTIONS 3, 4, 9, 10, 15, 16, 21, 22, 27, 28, 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LOMBARD, ILLINOIS THIS 17TH DAY OF OCTOBER A.D., 2011.

William W. Wright
WILLIAM W. WRIGHT
3502
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
LOMBARD, ILLINOIS

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2012

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2013

BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".

COMBINED SCALE FACTOR (GROUND TO GRID) = 0.999966013

REVISION DATE	DESCRIPTION	INITIALS
10/17/11	ISSUED FINAL SURVEY TO IDOT	WWW
07/27/11	ADDED POINT NUMBERS FOR COORDINATE TABLE	WWW
03/22/11	REVISED PARCEL OH40161	WWW
02/14/11	PER ENGINEERING CONSULTANT MEMO	B.J.P.
09/17/10	REVISED PER IDOT REVIEW	WWW

IDOT14 - 090746 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING LTD
200 Northpoint Drive, Lombard, IL 60148, (630) 941-8000 • FAX: 630 941-8000 • www.manhard.com
Civil Engineers • Surveyors • Water Resources Engineers • Water & Wastewater Engineers
Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330/US ROUTE 45
SECTION: 131st St to 179th St COOK COUNTY
PROJECT: JOB NO. R-90-004-07
131ST STREET-STATION 11+50 TO STATION 24+00

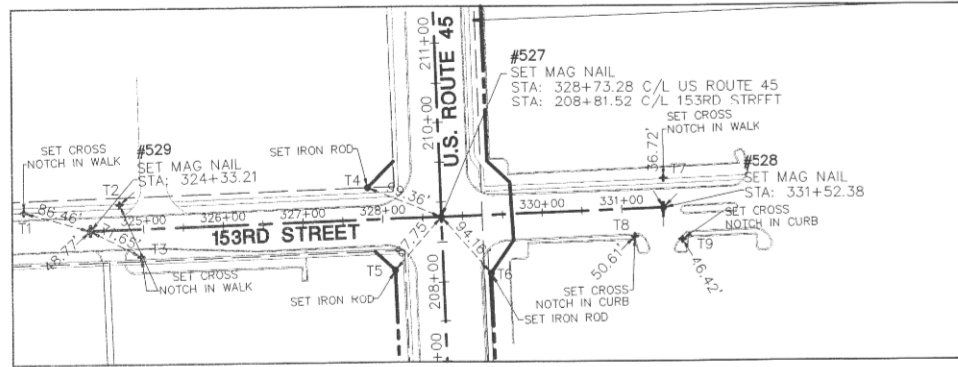
SCALE: 1" = 50' SHEET 40 OF 55

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

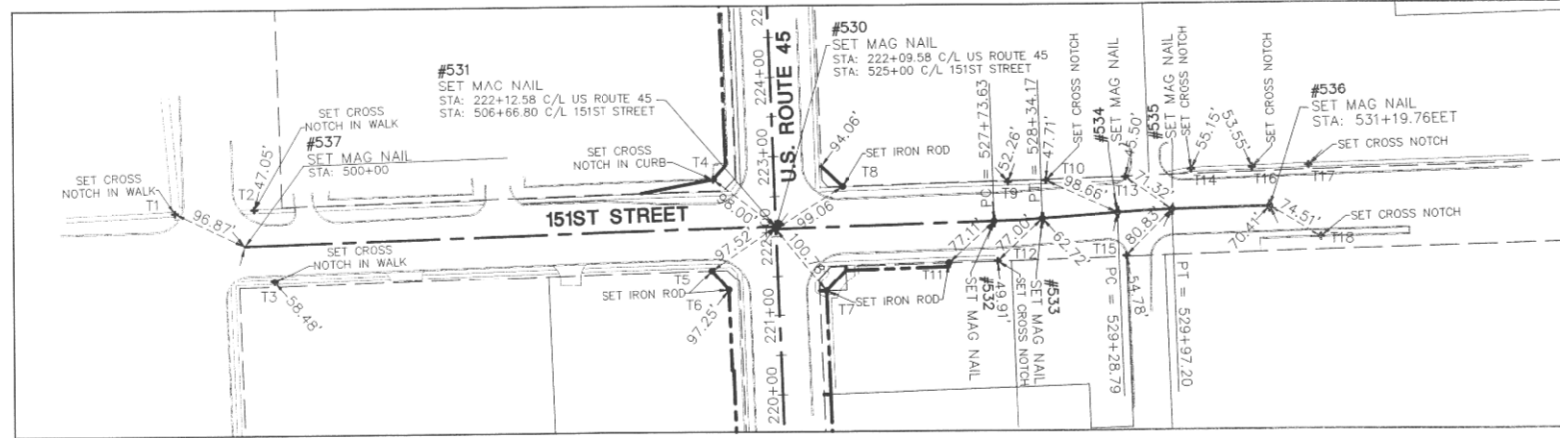
CENTERLINE RECOVERY TIES DETAIL

F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/US 45	131st St to 179th St	COOK	152	94
CENTERLINE RECOVERY TIE DETAILS				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

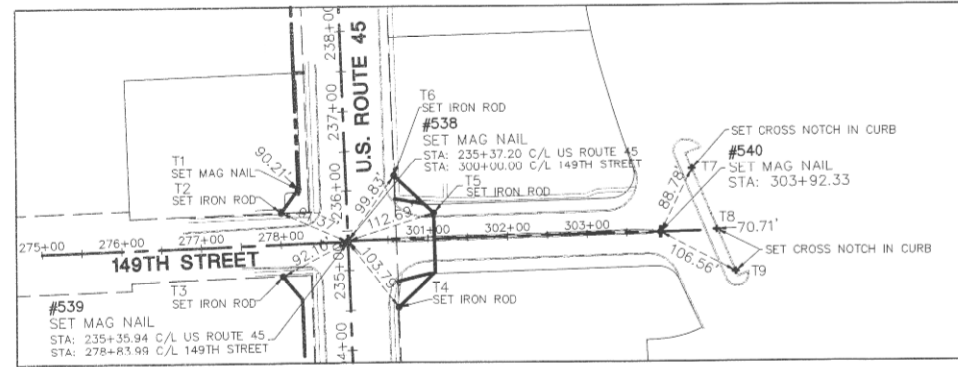
DETAIL OF POINT NO. 527, 528 & 529
SCALE: 1" = 120'



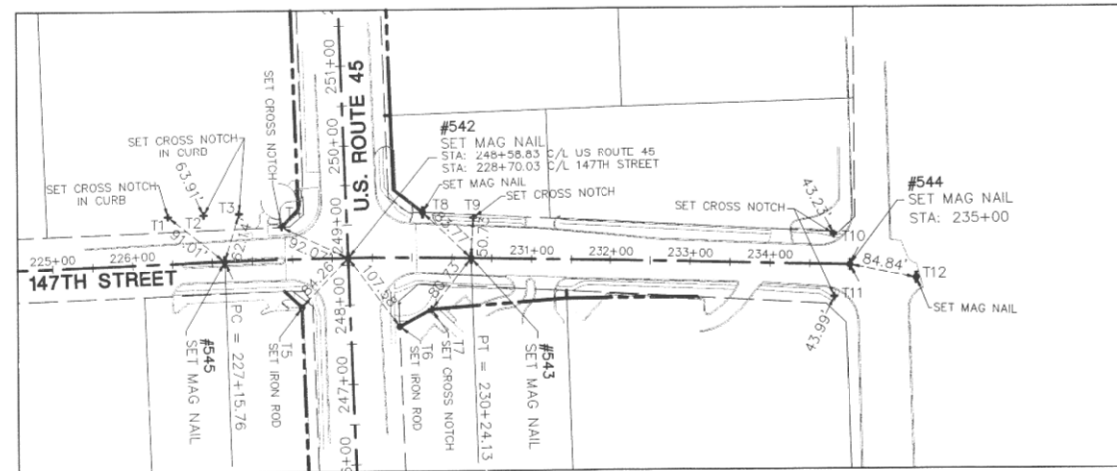
DETAIL OF POINT NO. 530, 531, 532, 533, 534, 535, 536 & 537
SCALE: 1" = 120'



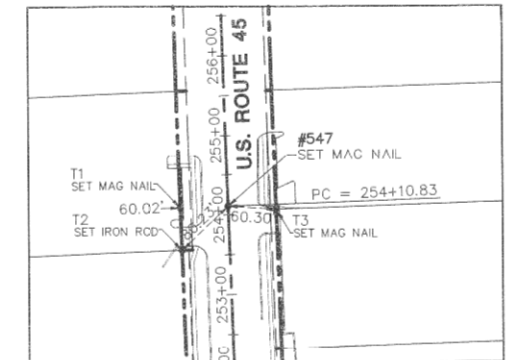
DETAIL OF POINT NO. 538, 539 & 540
SCALE: 1" = 120'



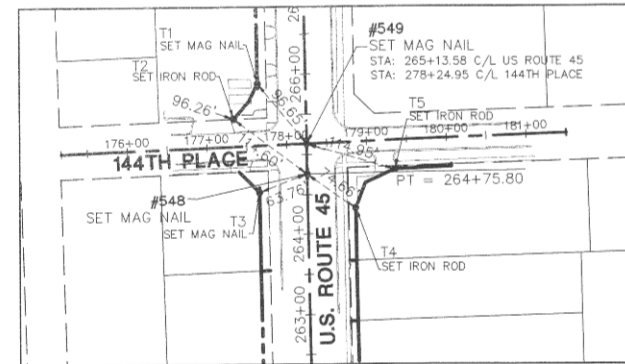
DETAIL OF POINT NO. 542 THRU 545
SCALE: 1" = 120'



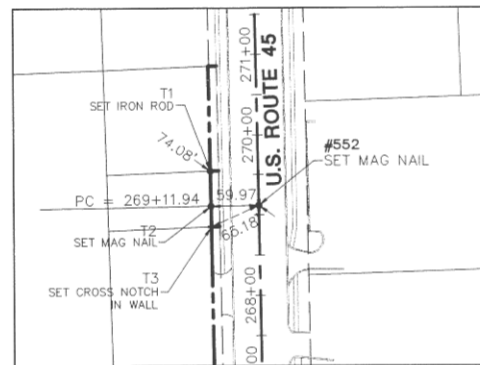
DETAIL OF POINT NO. 547
SCALE: 1" = 120'



DETAIL OF POINT NO. 548 & 549
SCALE: 1" = 120'



DETAIL OF POINT NO. 552
SCALE: 1" = 120'



LEGEND

	QUARTER CORNER		PK NAIL SET
	QUARTER SECTION CORNER		REPLACED AFTER CONSTRUCTION IRON ROD SET
	SECTION LINE		IRON PIPE OR ROUND FOUND
	QUARTER SECTION LINE		CUT CROSS FOUND OR SET
	PLATTED LOT LINE		THESE STAKES REFERENCE FOUND OR SET MONUMENTATION WITNESS POINTS SET TO AID IN THE RECOVERY AND ESTABLISHMENT OF THE PROPOSED CENTERLINE OF CONSTRUCTION.
	PROPERTY (DEED) LINE		STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
	CENTERLINE		
	EXISTING RIGHT-OF-WAY LINE		
	PROPOSED RIGHT-OF-WAY LINE		
	PROPOSED EASEMENT		
	MEASURED DIMENSION		
	COMPUTED DIMENSION		
	RECORD DATA		
	EXISTING BUILDING		

SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS

STATE OF ILLINOIS)
COUNTY OF DUPAGE)

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTIONS 3, 4, 9, 10, 15, 16, 21, 22, 27, 28, 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LOWARD, ILLINOIS THIS 17TH DAY OF OCTOBER A.D., 2011

William W. Wright
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2012
DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2013

BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".

COMBINED SCALE FACTOR (GROUND TO GRID) = 0.999966013

10/17/11	ISSUED FINAL SURVEY TO IDOT	www
REVISION DATE	DESCRIPTION	INITIALS

RECEIVED
OCT 24 2011
PLATS & LEGALS

IDOT14 - 090746 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330/US ROUTE 45

SECTION: 131st St to 179th St COOK COUNTY
PROJECT: JOB NO. R-90-004-07
CENTERLINE RECOVERY TIE DETAILS

SCALE: 1" = 50'

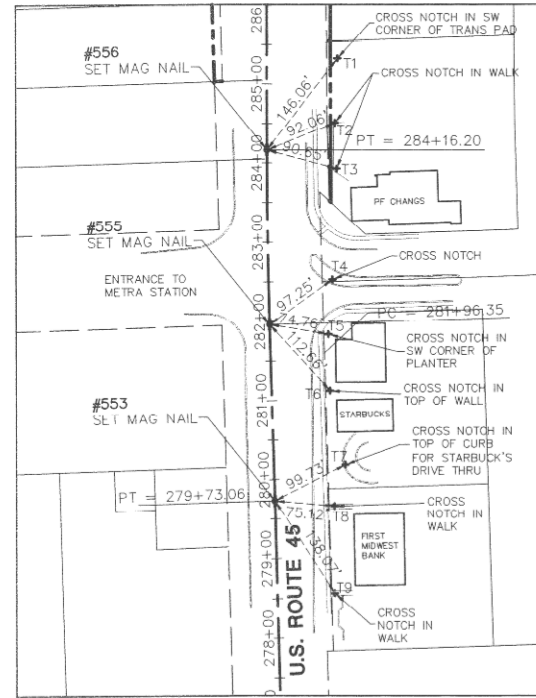
SHEET 54 OF 55

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

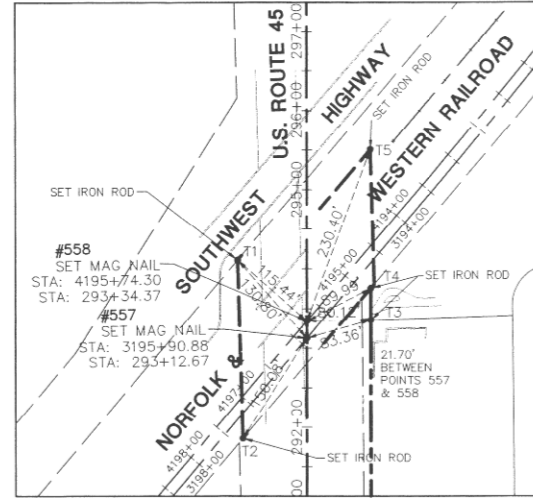
CENTERLINE RECOVERY TIES DETAIL

F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/US 45	131st St to 179th St	COOK	152	95
CENTERLINE RECOVERY TIE DETAILS				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

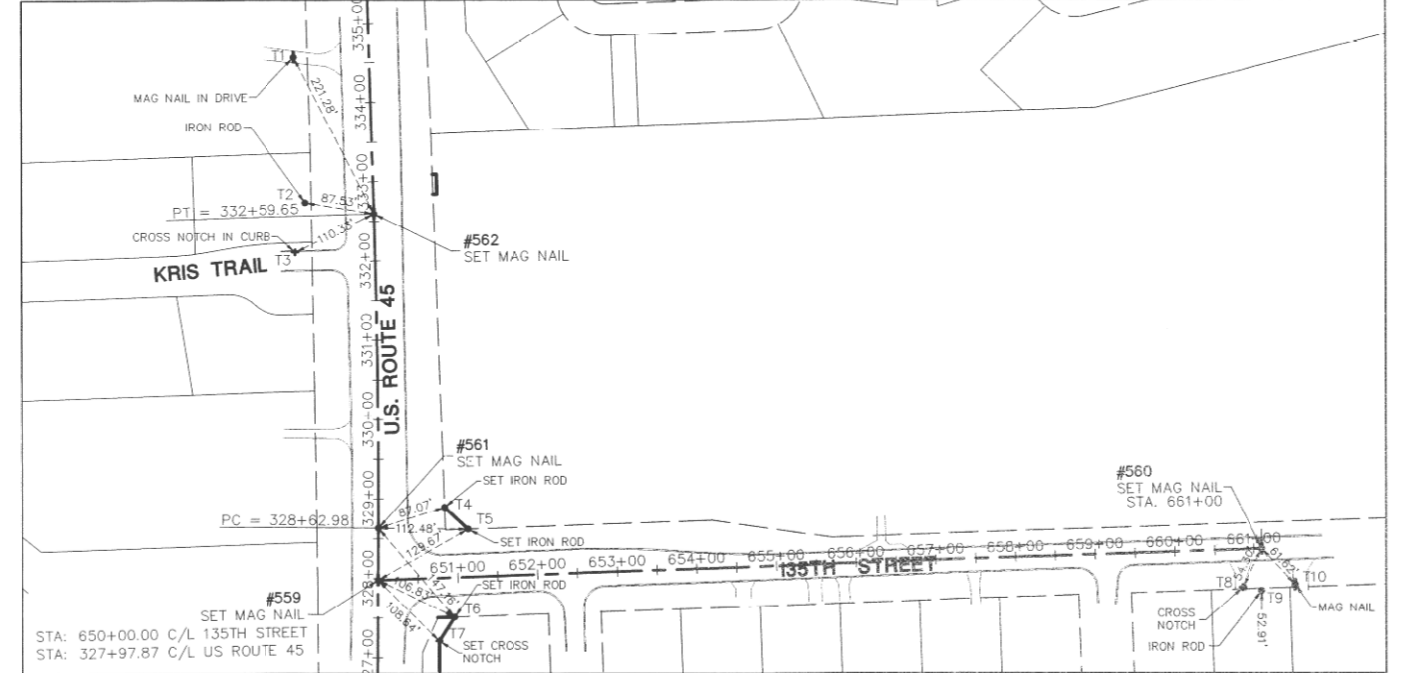
DETAIL OF POINT NO. 553, 555 & 556
SCALE: 1" = 120'



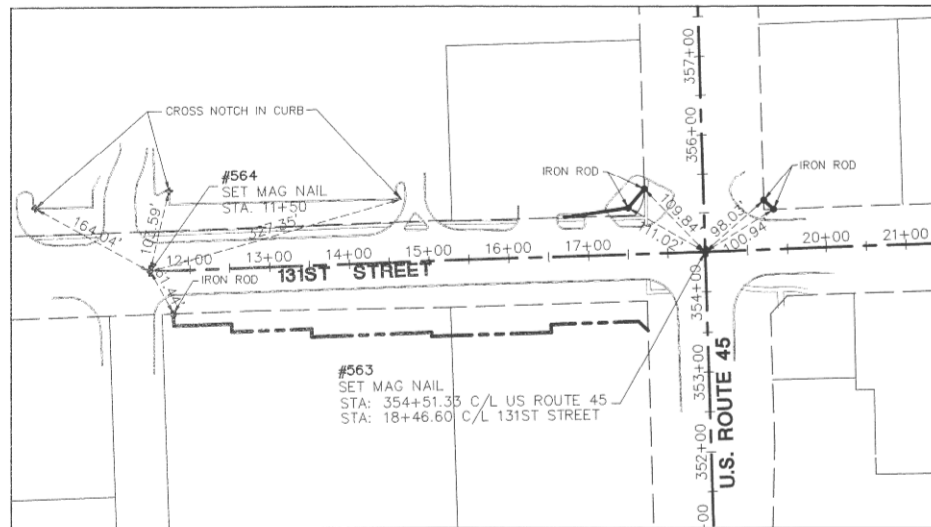
DETAIL OF POINT NO. 557 & 558
SCALE: 1" = 120'



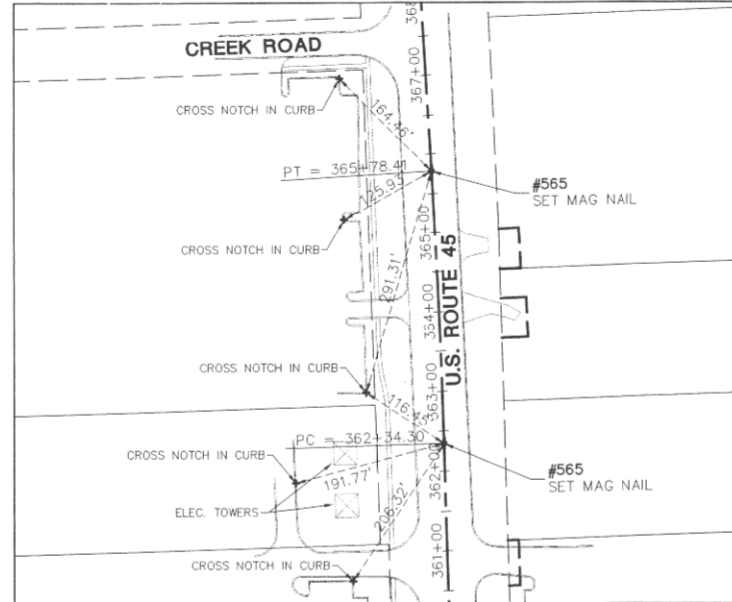
DETAIL OF POINT NO. 559, 560, 561 & 562
SCALE: 1" = 120'



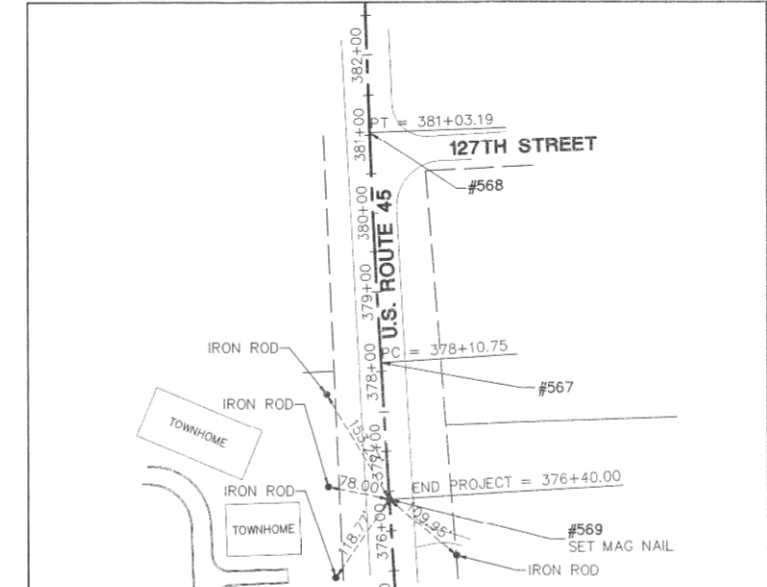
DETAIL OF POINT NO. 563 & 564
SCALE: 1" = 120'



DETAIL OF POINT NO. 565 & 566
SCALE: 1" = 120'



DETAIL OF POINT NO. 567, 568 & 569
SCALE: 1" = 120'



RECEIVED
OCT 24 2011
PLATS & LEGALS

STATE OF ILLINOIS)
COUNTY OF DU PAGE) SS

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 33 AND 34, TOWNSHIP 37 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTIONS 3, 4, 9, 10, 15, 16, 21, 22, 27, 28, 33 AND 34, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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COMBINED SCALE FACTOR (GROUND TO GRID) = 0.999966013



IDOT14 -- 090746

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 330/US ROUTE 45
SECTION: 131st St to 179th St COOK COUNTY
PROJECT: JOB NO. R-90-004-07

CENTERLINE RECOVERY TIE DETAILS

SCALE: 1" = 50' SHEET 55 OF 55

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

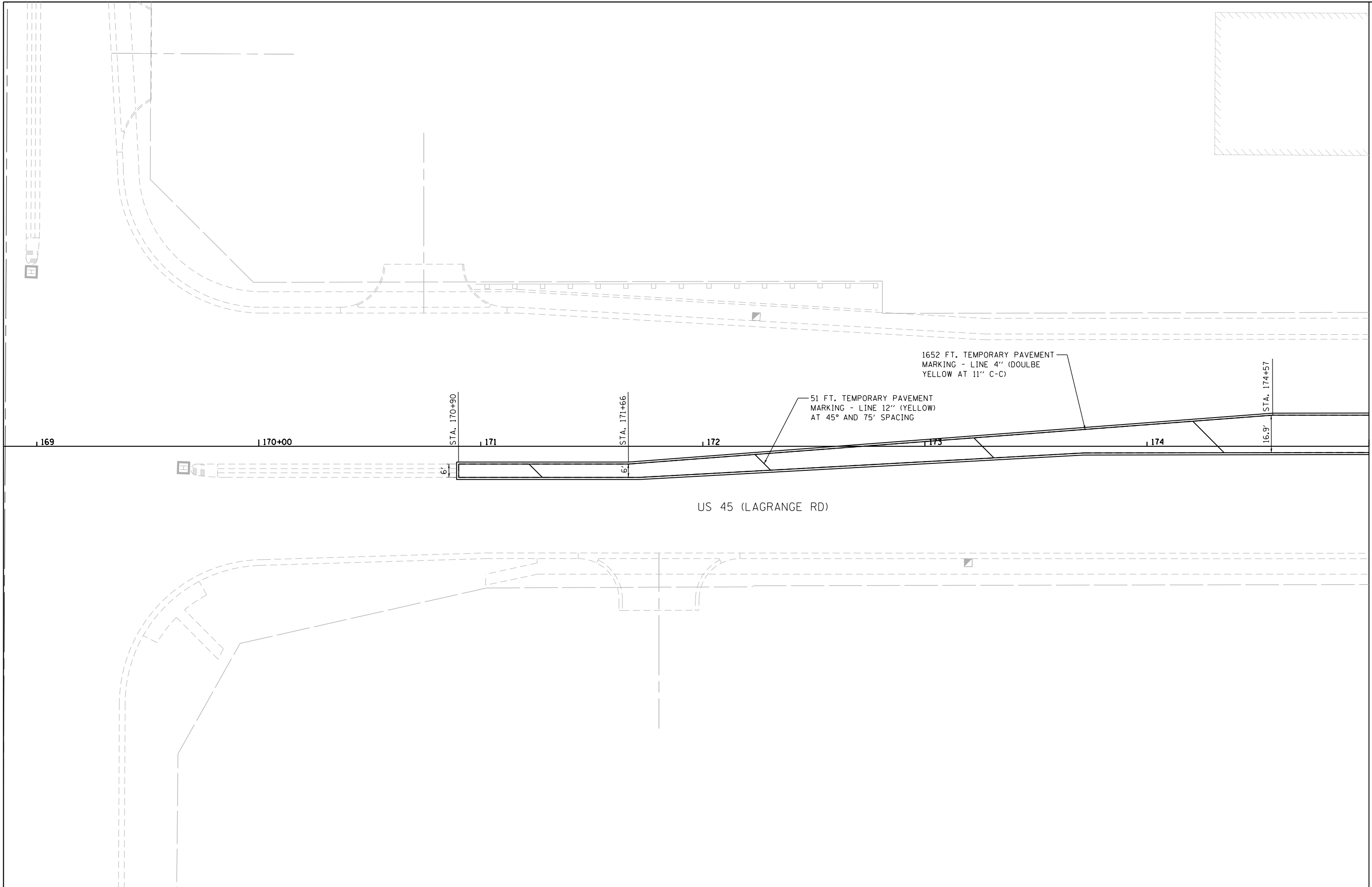
10/17/11	ISSUED FINAL SURVEY TO IDOT	WWW
REVISION DATE	DESCRIPTION	INITIALS

BY	DATE
R.O.W. PLAT	MADE
NOTEBOOK NO.	LINKED

LEGEND

- QUARTER CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- CENTERLINE
- EXISTING RIGHT-OF-WAY LINE
- PROPOSED RIGHT-OF-WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CU1 CROSS FOUND ON SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, WITNESS POINTS SET TO AID IN THE RECOVERY AND ESTABLISHMENT OF THE PROPOSED CENTERLINE OF CONSTRUCTION.
- STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

SEE SHEET 52 FOR COORDINATE VALUES FOR CENTERLINE POINTS, SECTIONS CORNERS AND ROW MONUMENTS



MATCH LINE STA. 175+00.00
SEE DRAWING PM-2

FILE NAME = D160W09-SHT-PMK01.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT.PLAN	PLOT SCALE = 48.0000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 1 OF 37 SHEETS STA. BEGIN TO STA. 175+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	96
PM-1			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

JOANN FABRIC

158TH PL
(MALL DR)

US 45 (LAGRANGE RD)

24 FT. TEMPORARY PAVEMENT
MARKING - LINE 12" (YELLOW)
AT 45° AND 75' SPACING

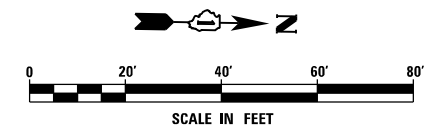
104 FT. TEMPORARY PAVEMENT
MARKING - LINE 12" (YELLOW)
AT 45° AND 75' SPACING

1644 FT. TEMPORARY PAVEMENT
MARKING - LINE 4" (DOULBE
YELLOW AT 11" C-C)

340 FT. TEMPORARY PAVEMENT
MARKING - LINE 4" (DOULBE
YELLOW AT 11" C-C)

MATCH LINE STA. 175+00.00
SEE DRAWING PM-1

MATCH LINE STA. 181+00.00
SEE DRAWING PM-3



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

FILE NAME =
D160W09-SHT-PMK02.dgn
SHT.PLAN

USER NAME = Anthony.Plutz
PLOT SCALE = 40.0000' / in.
PLOT DATE = 1/7/2013

DESIGNED - EJD
DRAWN - EJD
CHECKED - JWM
DATE - 01/02/13

REVISED -
REVISED -
REVISED -
REVISED -

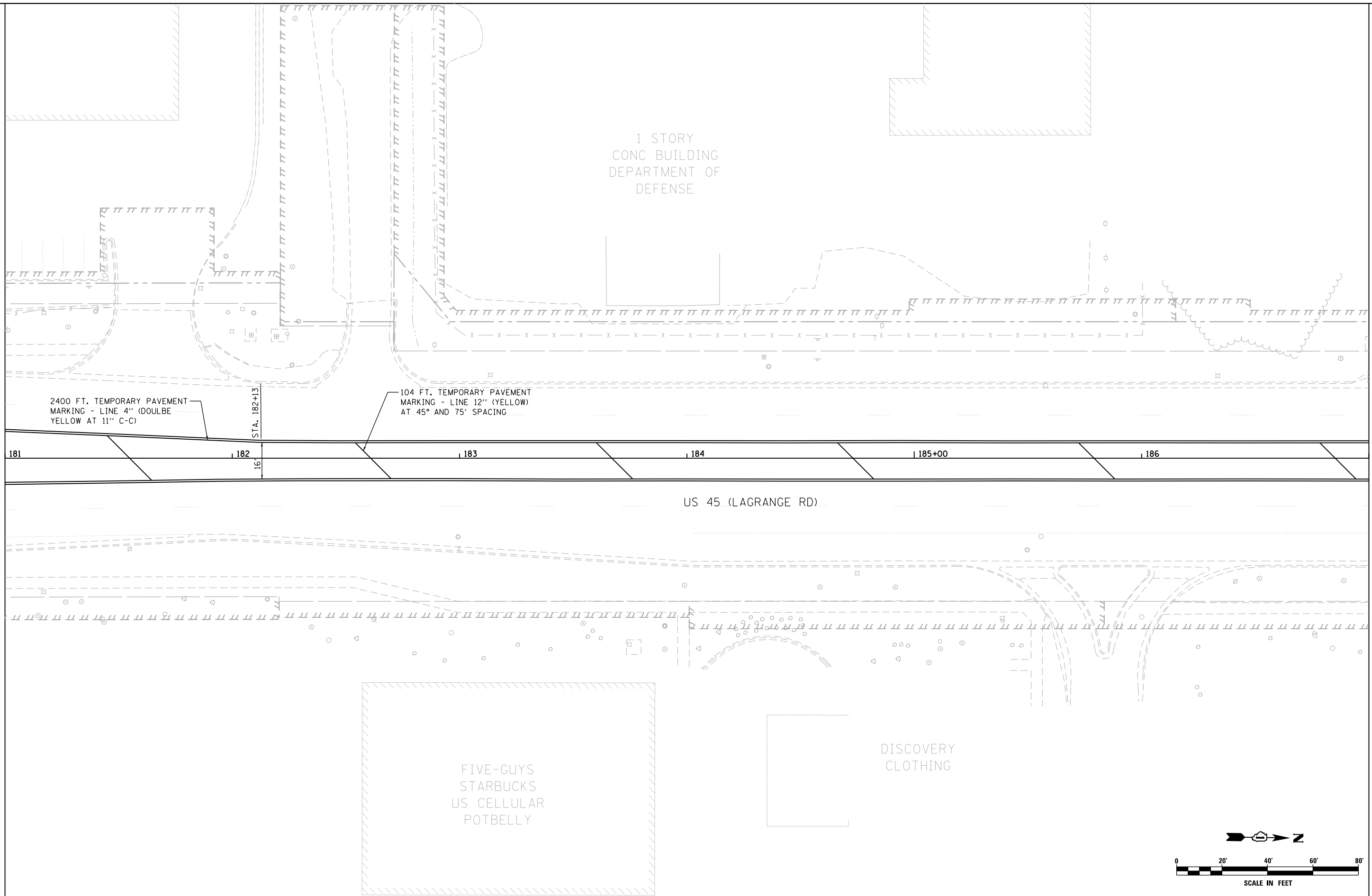
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

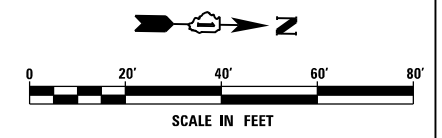
SCALE: 1"=20' SHEET 2 OF 37 SHEETS STA. BEGIN TO STA. 181+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	97
PM-2			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

SEE DRAWING PM-2
 MATCH LINE STA. 181+00.00



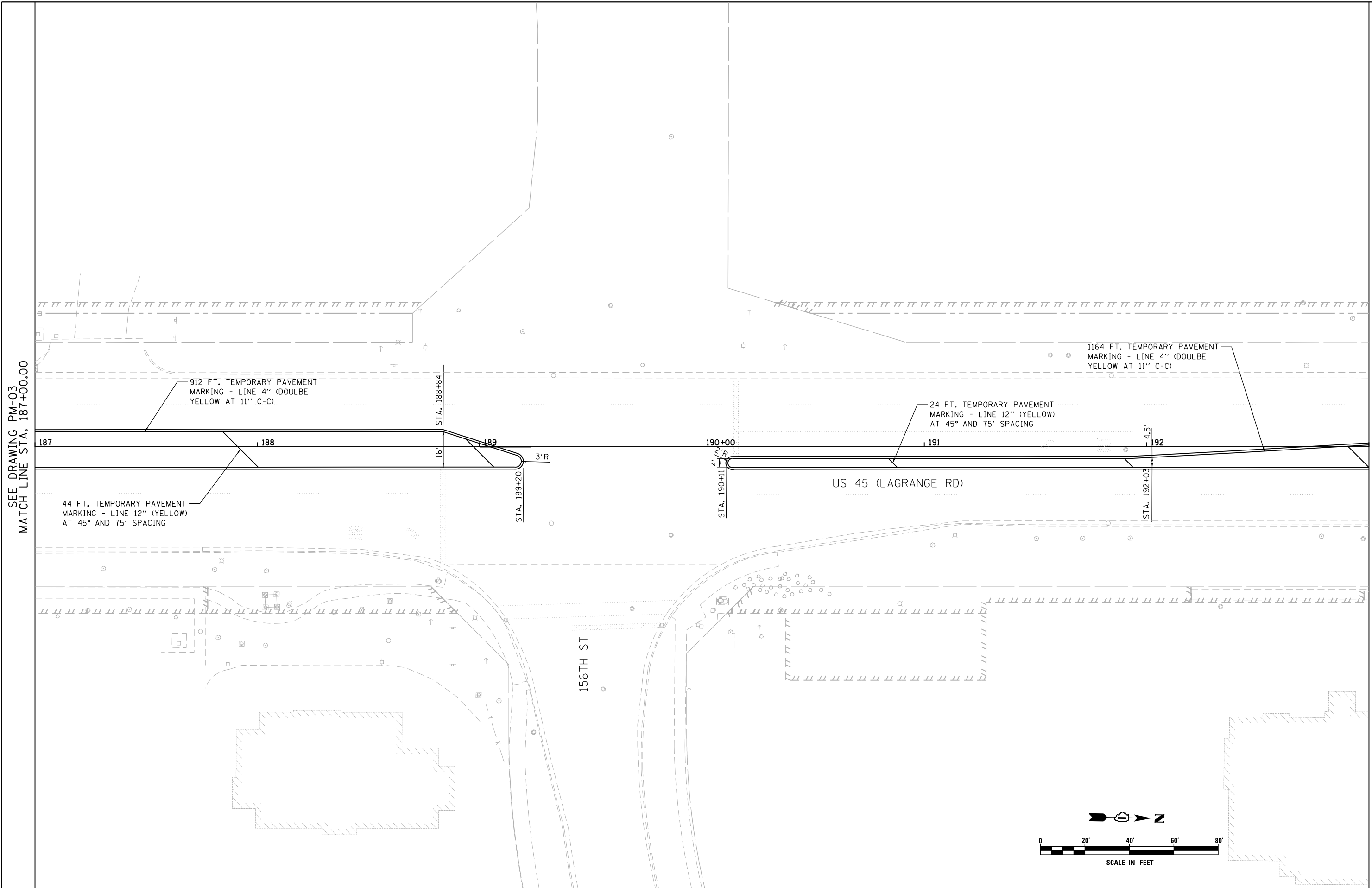
MATCH LINE STA. 187+00.00
 SEE DRAWING PM-4



FILE NAME = D160W09-SHT-PMK03.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 40.0000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

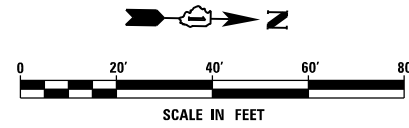
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)
SCALE: 1"=20'	SHEET 3 OF 37 SHEETS
STA. 181+00.00 TO STA. 187+00.00	

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 98
PM-03			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



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

MATCH LINE STA. 193+00.00
 SEE DRAWING PM-05



FILE NAME =	USER NAME = Anthony.Plutz
D160W09-SHT-PM04.dgn	
SHT_PLAN	

DESIGNED - EJD	REVISED -
DRAWN - EJD	REVISED -
CHECKED - JWM	REVISED -
DATE - 01/02/13	REVISED -

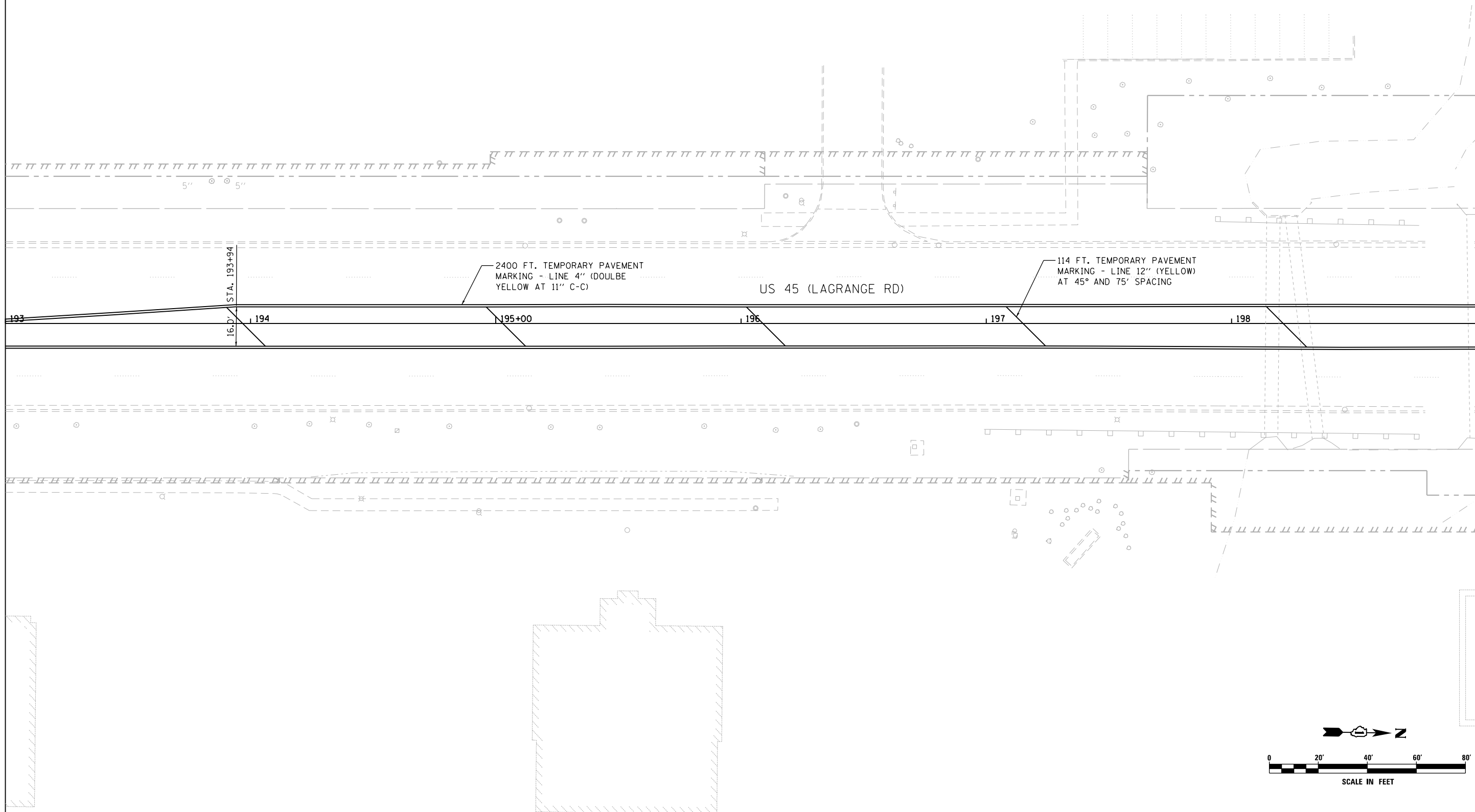
PLOT SCALE = 40.0000' / in.	
PLOT DATE = 1/7/2013	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

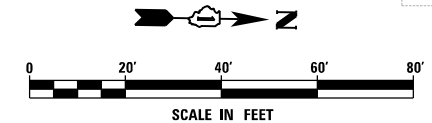
PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)			
SCALE: 1"=20'	SHEET 4 OF 37 SHEETS	STA. 187+00.00 TO STA. 193+00.00	

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 99
PM-04			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

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



MATCH LINE STA. 199+00.00
 SEE DRAWING PM-06



FILE NAME =	D:\160W09-SHT-PMK05.dgn
SHT.PLAN	

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PLOT SCALE = 48.0000' / in.
PLOT DATE = 1/7/2013

DESIGNED - EJD	REVISED -
DRAWN - EJD	REVISED -
CHECKED - JWM	REVISED -
DATE - 01/02/13	REVISED -

REVISED -
REVISED -
REVISED -
REVISED -

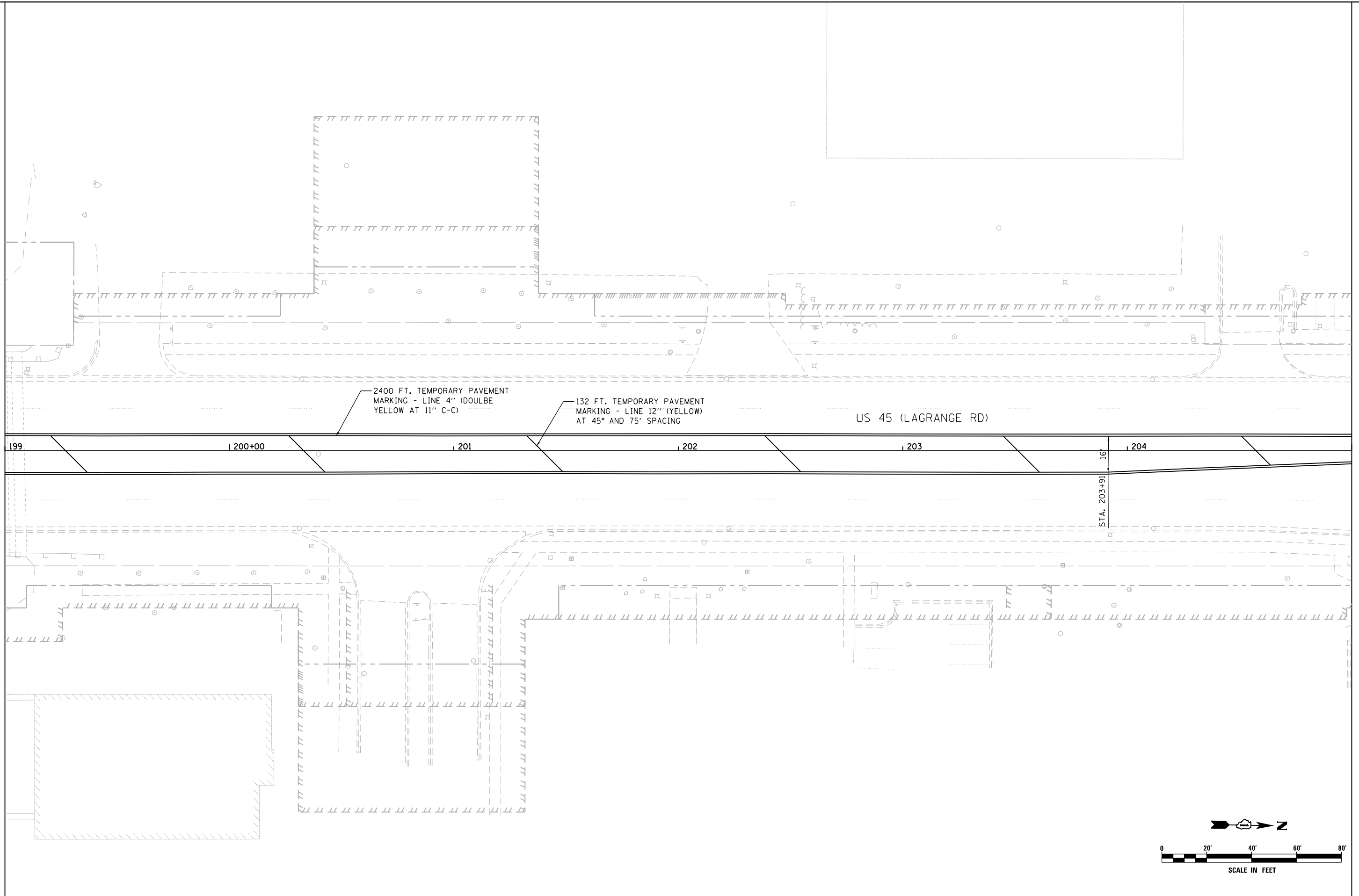
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

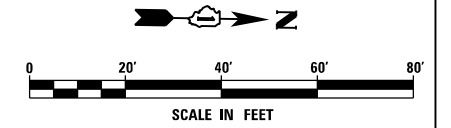
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	100
PM-05			CONTRACT NO. 6W09	
ILLINOIS FED. AID PROJECT				

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



MATCH LINE STA. 205+00.00
 SEE DRAWING PM-07



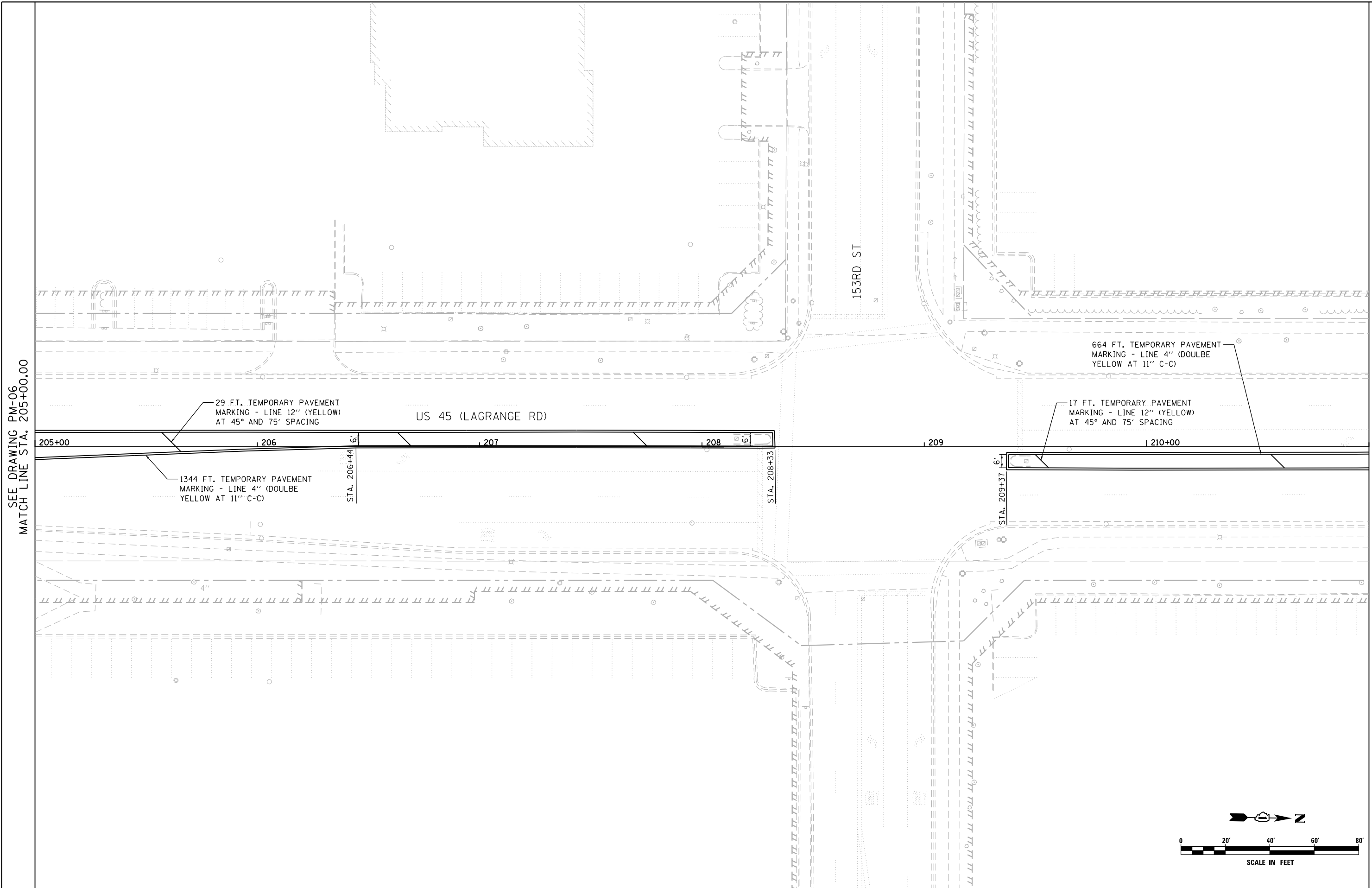
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

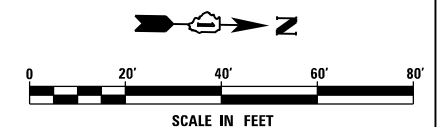
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	101
PM-06			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



SEE DRAWING PM-06
 MATCH LINE STA. 205+00.00

MATCH LINE STA. 211+00.00
 SEE DRAWING PM-08



FILE NAME = D160W09-SHT-PMK07.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
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	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

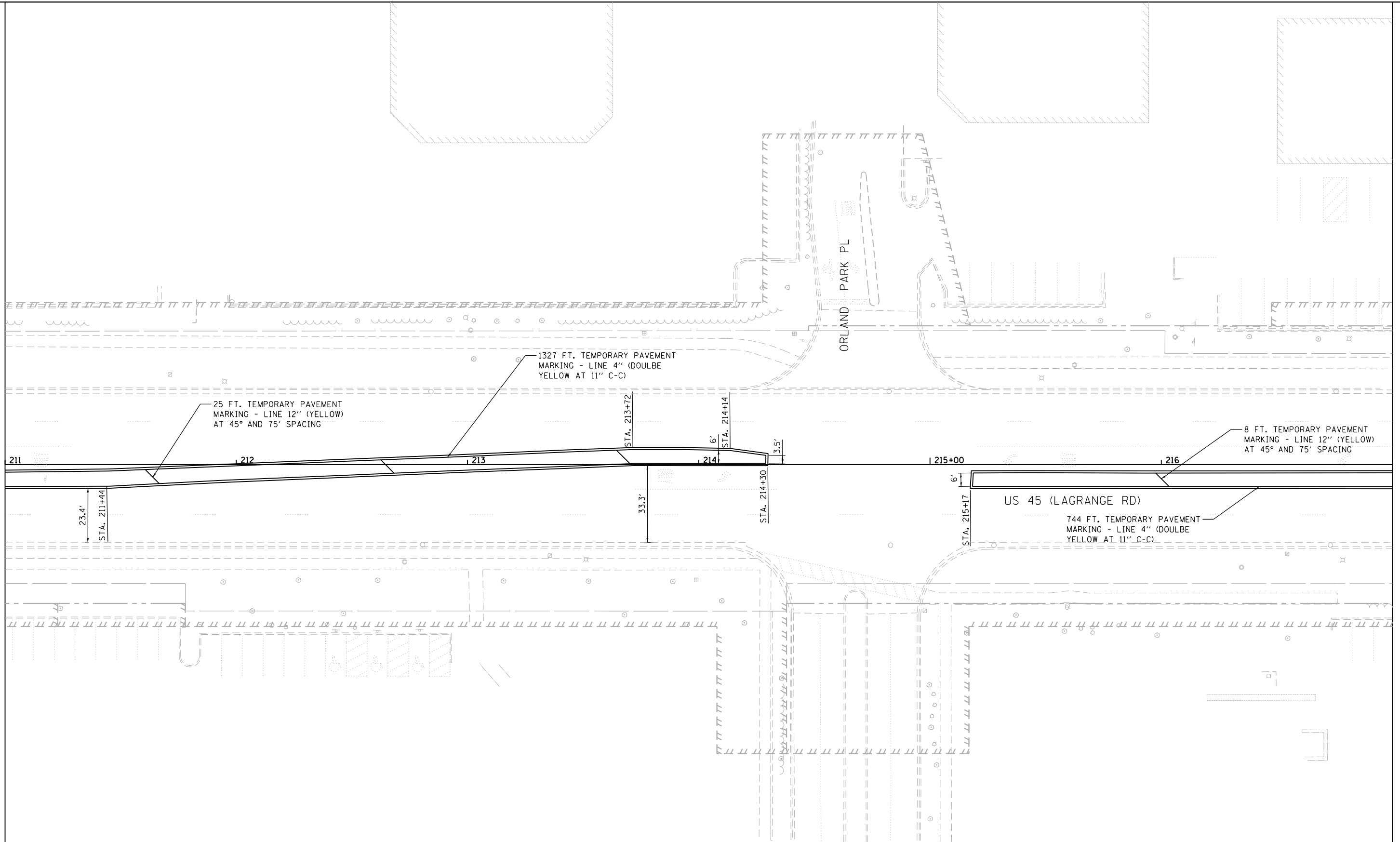
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 55 (LAGRANGE ROAD)

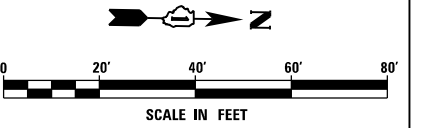
SCALE: 1"=20' SHEET 7 OF 37 SHEETS STA. 205+00.00 TO STA. 211+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	102
PM-07			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

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



MATCH LINE STA. 217+00.00
 SEE DRAWING PM-09



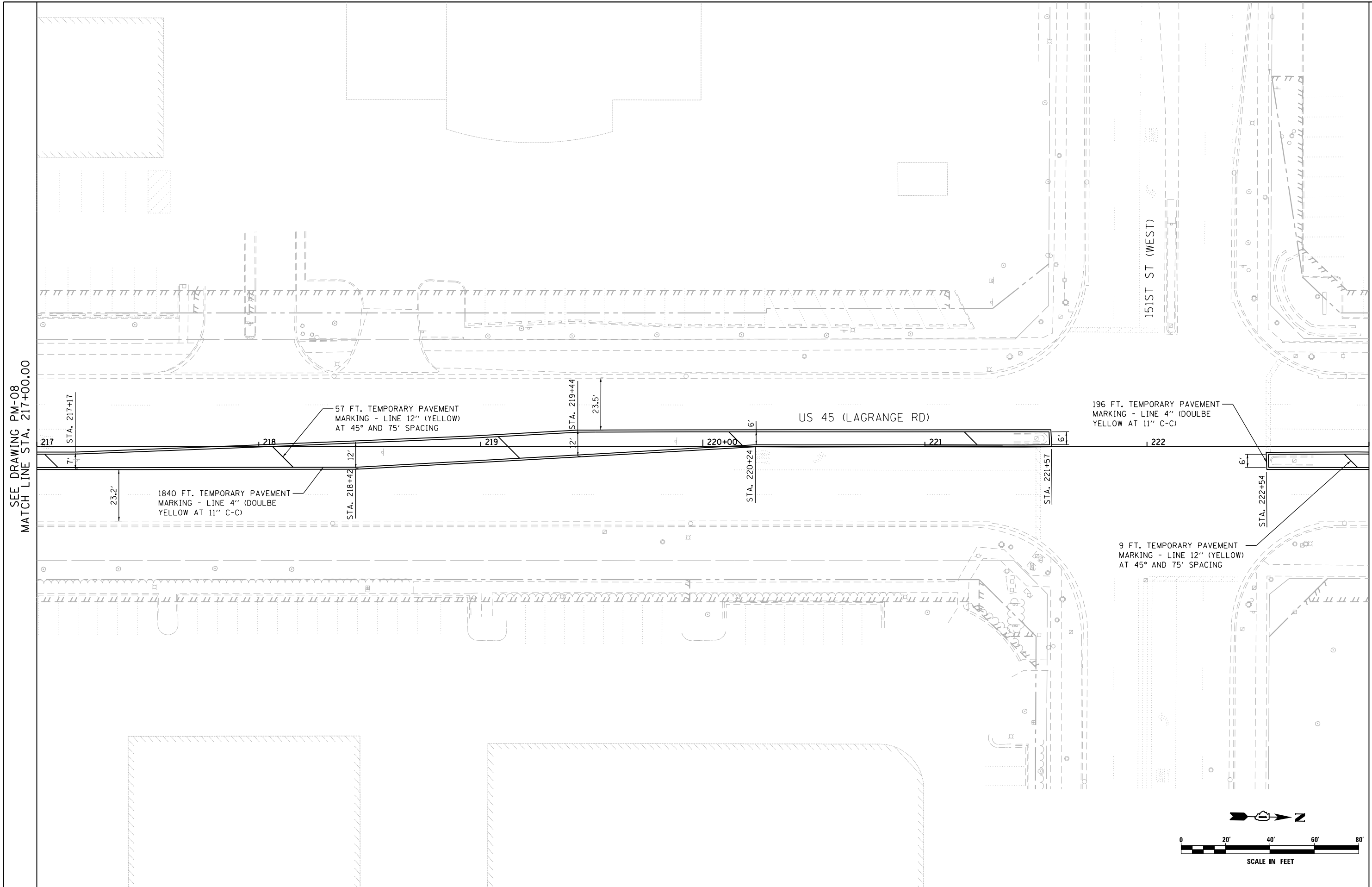
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	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 55 (LAGRANGE ROAD)

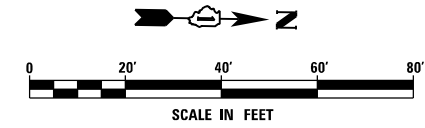
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	103
PM-08			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



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

MATCH LINE STA. 223+00.00
 SEE DRAWING PM-10



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USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
	DRAWN - EJD	REVISED -
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PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

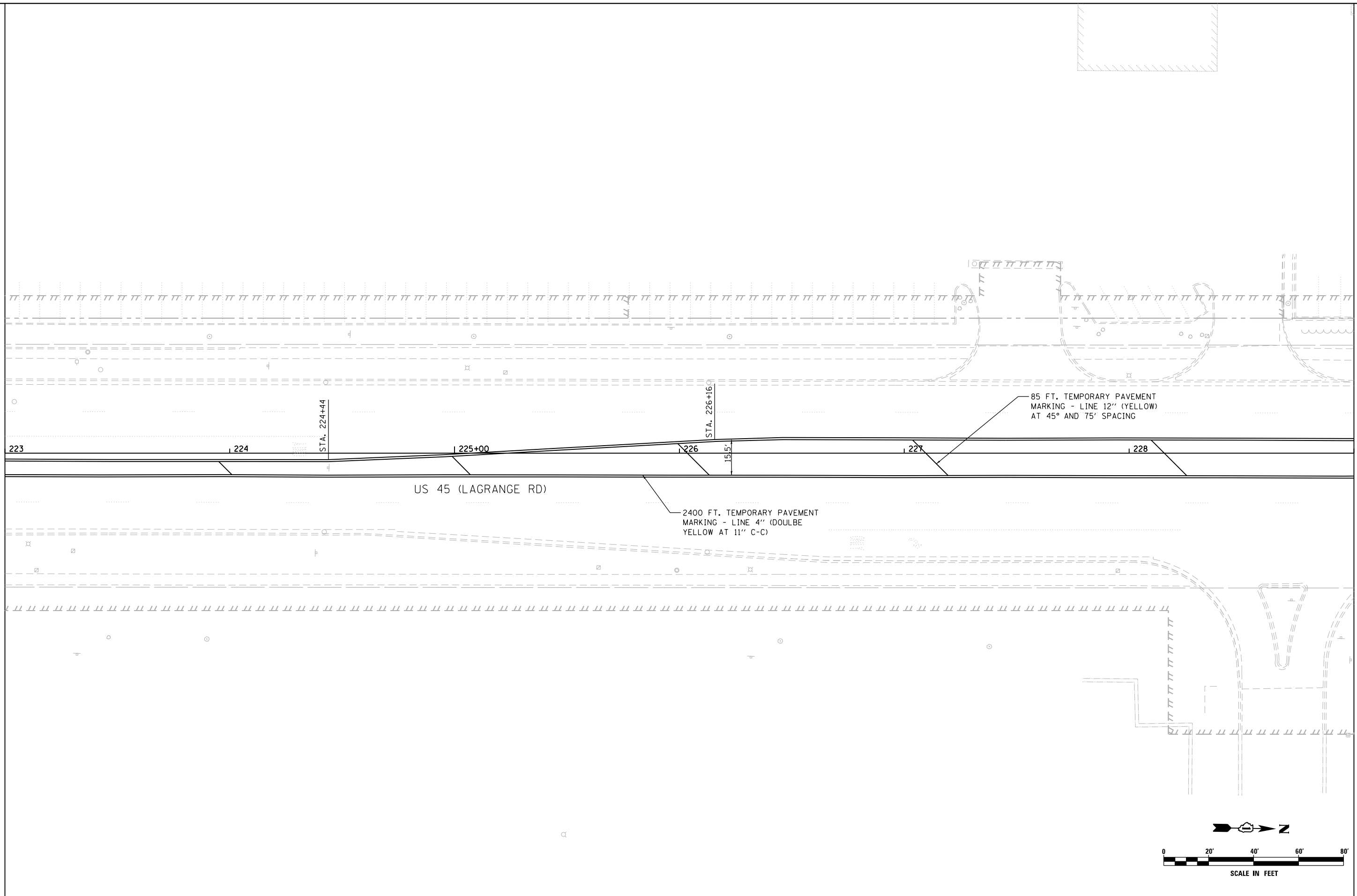
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DRAWN - EJD	REVISED -
CHECKED - JWM	REVISED -
DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

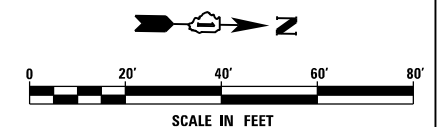
PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)			
SCALE: 1"=20'	SHEET 9 OF 37 SHEETS	STA. 217+00.00 TO STA. 223+00.00	

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 104
PM-09			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

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



MATCH LINE STA. 229+00.00
 SEE DRAWING PM-11



FILE NAME = D160W09-SHT-PMK10.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
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	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 10 OF 37 SHEETS STA. 223+00.00 TO STA. 229+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	105
PM-10			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

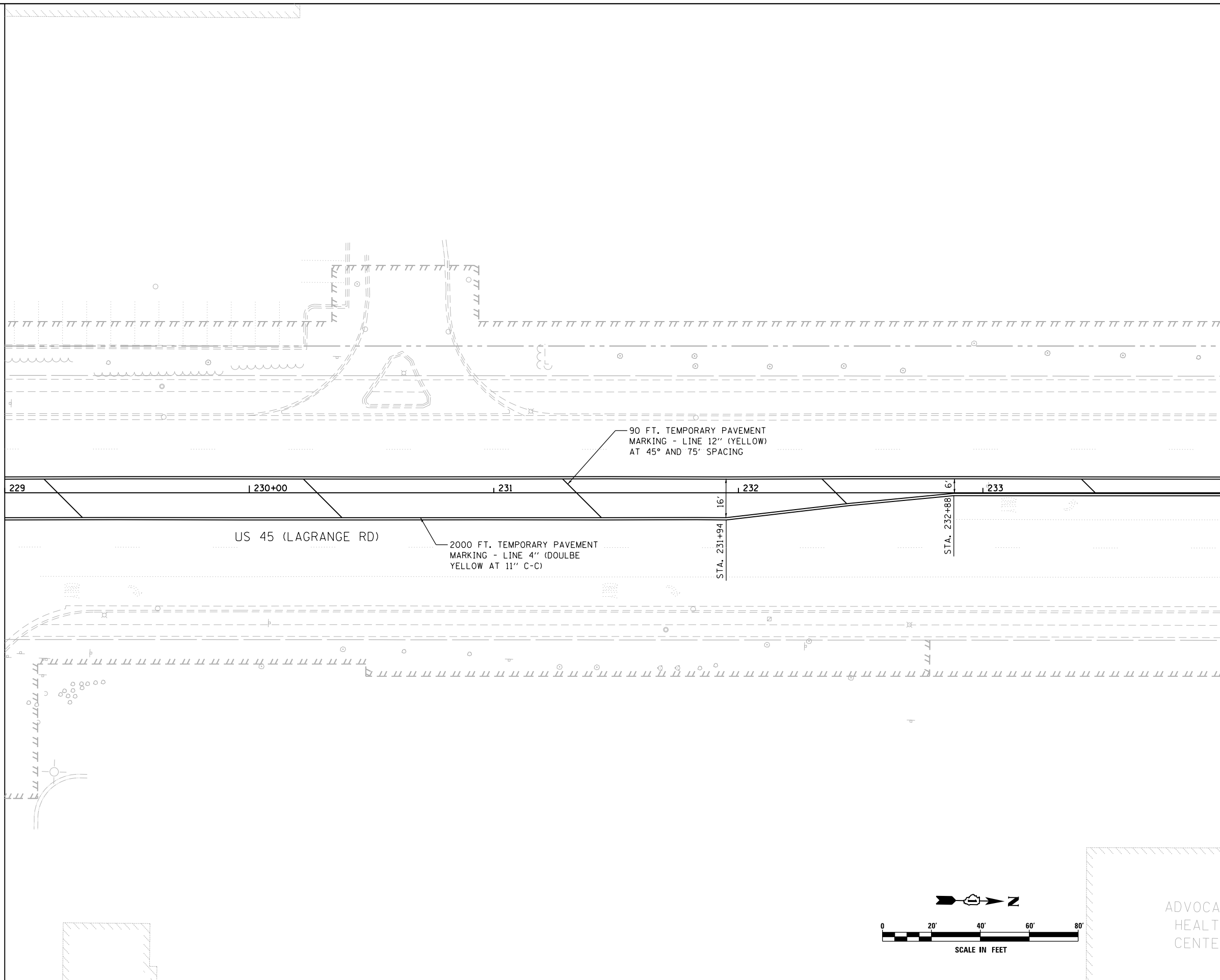
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

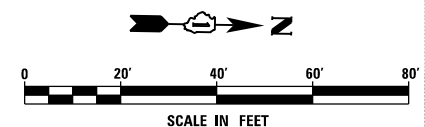
SCALE: 1"=20' SHEET 11 OF 37 SHEETS STA. 229+00.00 TO STA. 234+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	106
PM-11			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

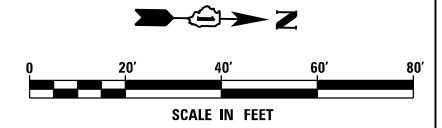
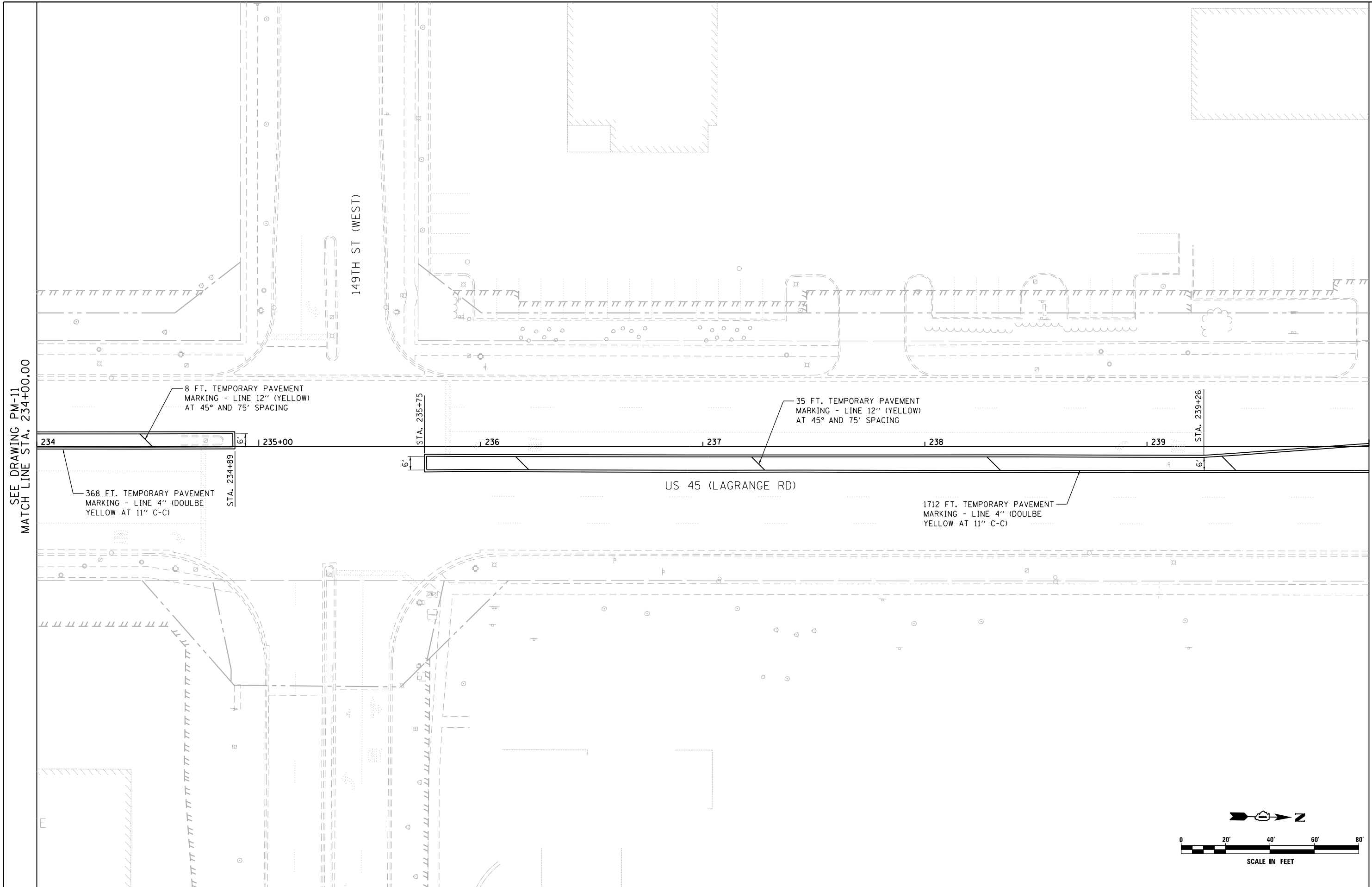
SEE DRAWING PM-10
 MATCH LINE STA. 229+00.00



MATCH LINE STA. 234+00.00
 SEE DRAWING PM-12



ADVOCAT
 HEALTH
 CENTER



FILE NAME = D160W09-SHT-PMK12.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
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		DATE - 01/02/13	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)
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SCALE: 1"=20'	SHEET 12 OF 37 SHEETS	STA. 234+00.00 TO STA. 240+00.00
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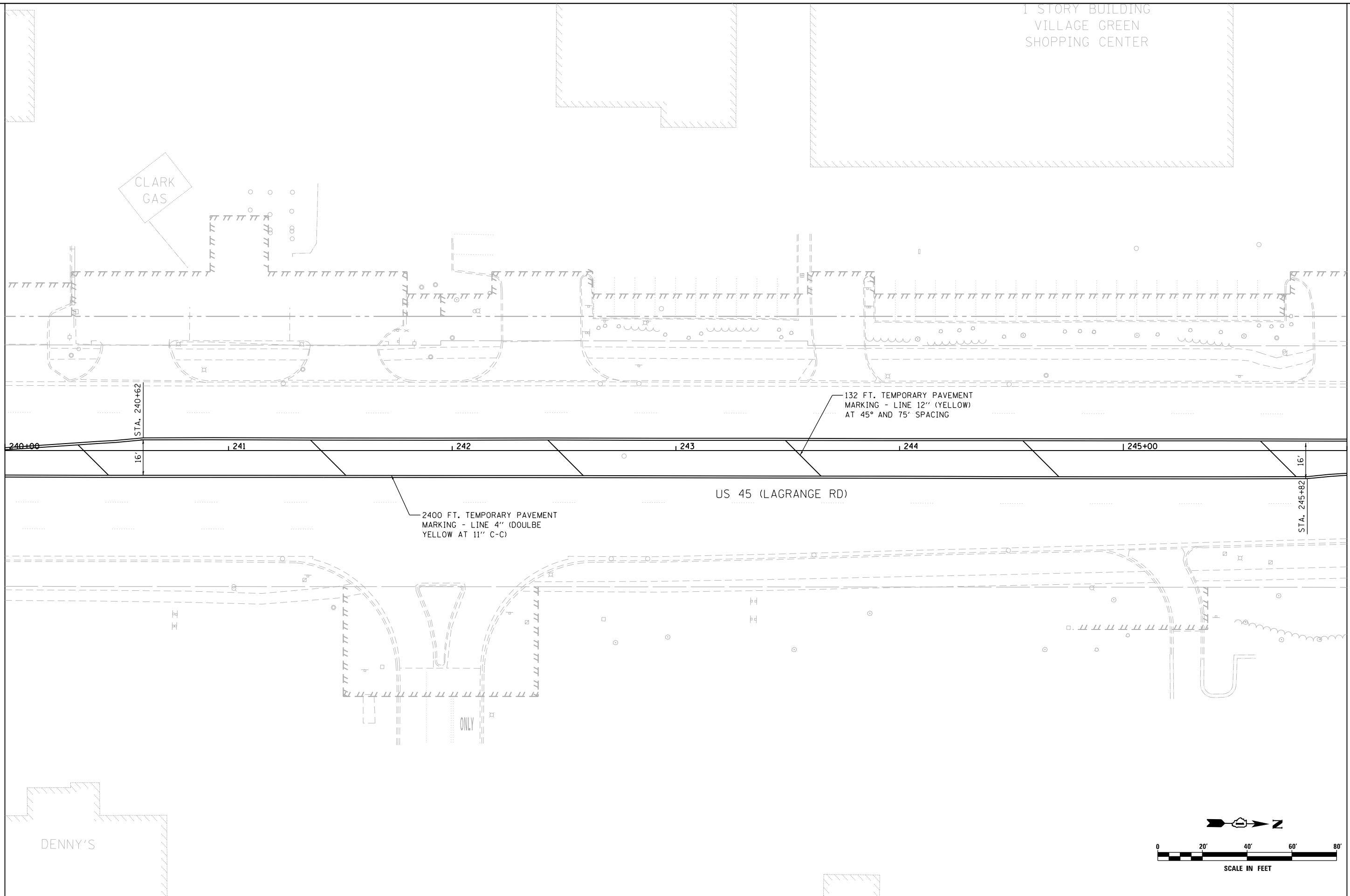
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330	2012-0881	COOK	152	107
PM-12			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

1 STORY BUILDING
VILLAGE GREEN
SHOPPING CENTER

CLARK
GAS

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

MATCH LINE STA. 246+00.00
SEE DRAWING PM-14

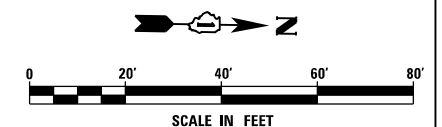


US 45 (LAGRANGE RD)

2400 FT. TEMPORARY PAVEMENT
MARKING - LINE 4" (DOUBLE
YELLOW AT 11" C-C)

132 FT. TEMPORARY PAVEMENT
MARKING - LINE 12" (YELLOW)
AT 45° AND 75° SPACING

DENNY'S



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

FILE NAME = D160W09-SHT-PMK13.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 13 OF 37 SHEETS STA. 240+00.00 TO STA. 246+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	108
PM-13			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

1 STORY BUILDING
SHOPPING CENTER
AMERICAN MATTRESS

147TH ST

2 STORY BUILDING
FIRST MERIT BANK

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

MATCH LINE STA. 252+00.00
SEE DRAWING PM-15

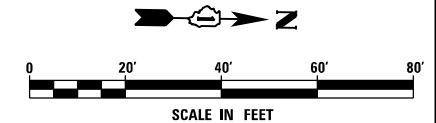
22 FT. TEMPORARY PAVEMENT
MARKING - LINE 12" (YELLOW)
AT 45° AND 75° SPACING

884 FT. TEMPORARY PAVEMENT
MARKING - LINE 4" (DOULBE
YELLOW AT 11" C-C)

17FT. TEMPORARY PAVEMENT
MARKING - LINE 12" (YELLOW)
AT 45° AND 75° SPACING

1184 FT. TEMPORARY PAVEMENT
MARKING - LINE 4" (DOULBE
YELLOW AT 11" C-C)

US 45 (LAGRANGE RD)



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

FILE NAME =
D160W09-SHT-PMK14.dgn
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PLOT DATE = 1/7/2013

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DRAWN - EJD
CHECKED - JWM
DATE - 01/02/13

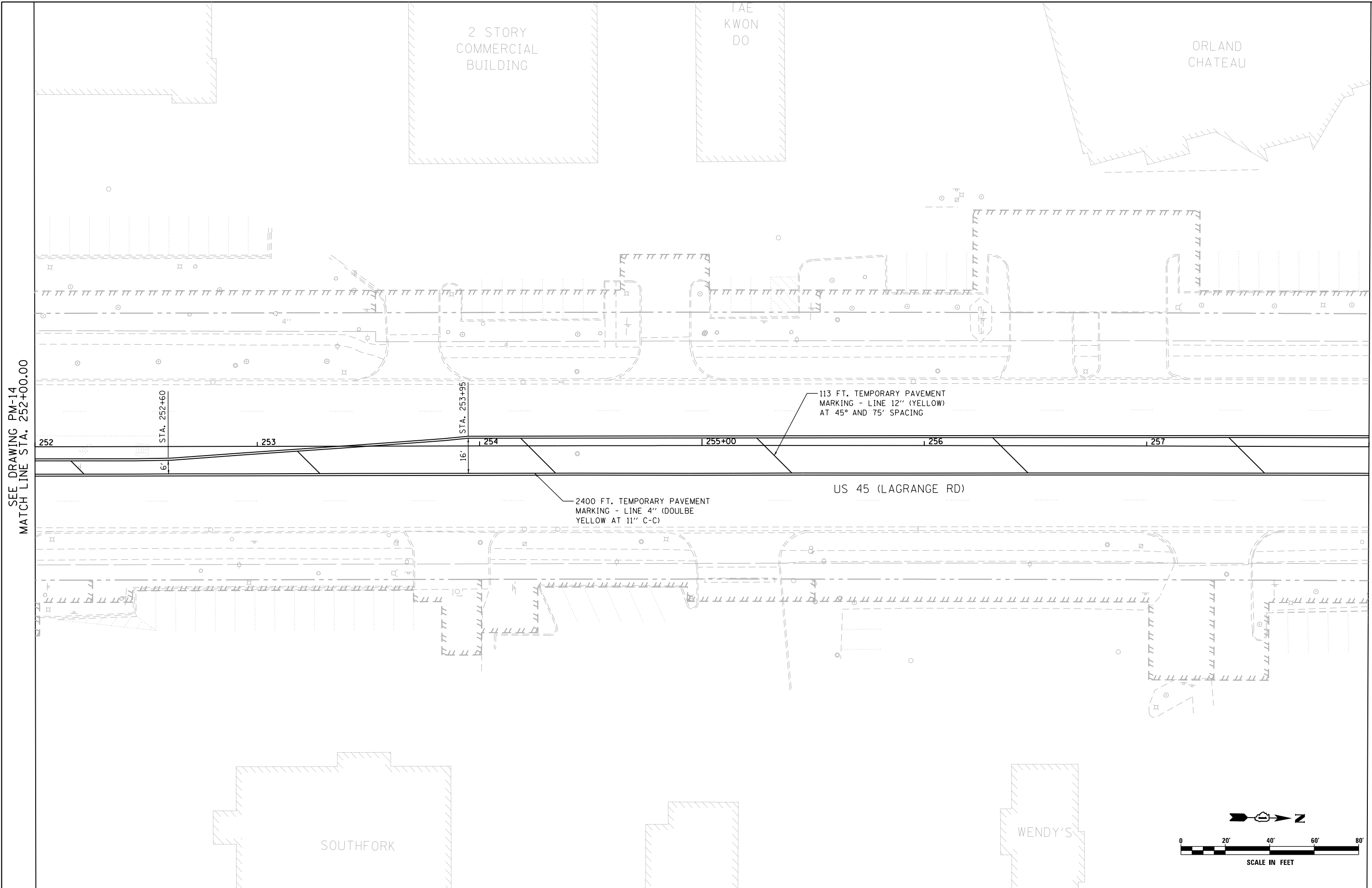
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 14 OF 37 SHEETS STA. 246+00.00 TO STA. 252+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	109
PM-14			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 258+00.00
SEE DRAWING PM-16

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SHT_PLAN	PLOT SCALE = 48.0000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 15 OF 37 SHEETS STA. 252+00.00 TO STA. 258+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	110
PM-15			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

EL FAMOUS
BURRITO

BROWN'S
CHICKEN

DAIRY
QUEEN

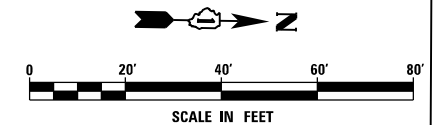
115 FT. TEMPORARY PAVEMENT
MARKING - LINE 12" (YELLOW)
AT 45° AND 75' SPACING

US 45 (LAGRANGE RD)

2400 FT. TEMPORARY PAVEMENT
MARKING - LINE 4" (DOULBE
YELLOW AT 11" C-C)

PAPA JOE'S

McDONALDS



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

MATCH LINE STA. 264+00.00
SEE DRAWING PM-17

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

FILE NAME =
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DATE - 01/02/13

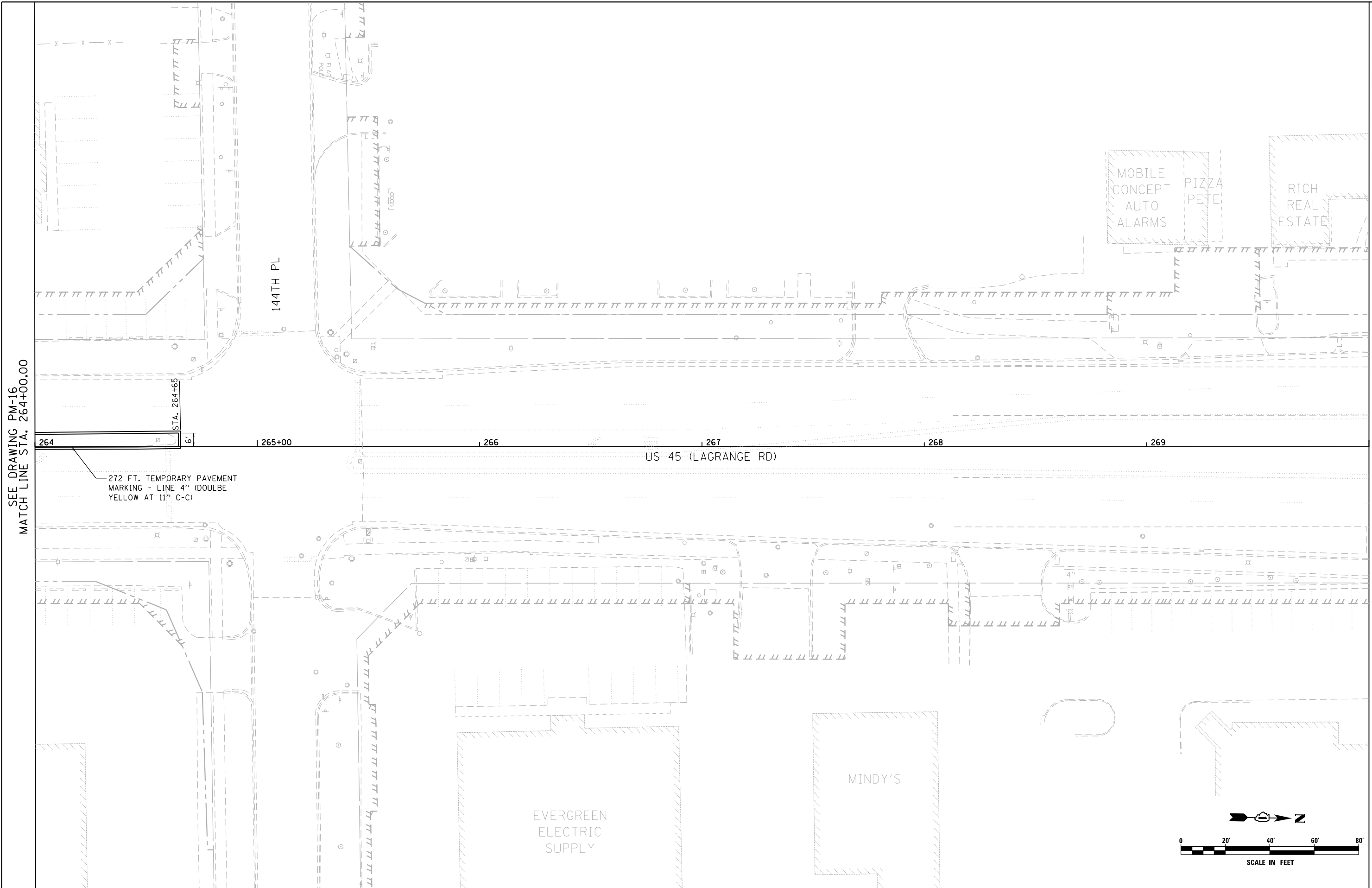
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 16 OF 37 SHEETS STA. 258+00.00 TO STA. 264+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	111
PM-16			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



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

MATCH LINE STA. 270+00.00
 SEE DRAWING PM-18

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PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)	
SCALE: 1"=20'	SHEET 17 OF 37 SHEETS

STA. 264+00.00	TO STA. 270+00.00
----------------	-------------------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	112
PM-17			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

Benchmark: 11M "G" #56th Southeast bottom of light pole #93-15 1'-300' north of 153rd St. on the west side of LaGrange Rd. El 699.946

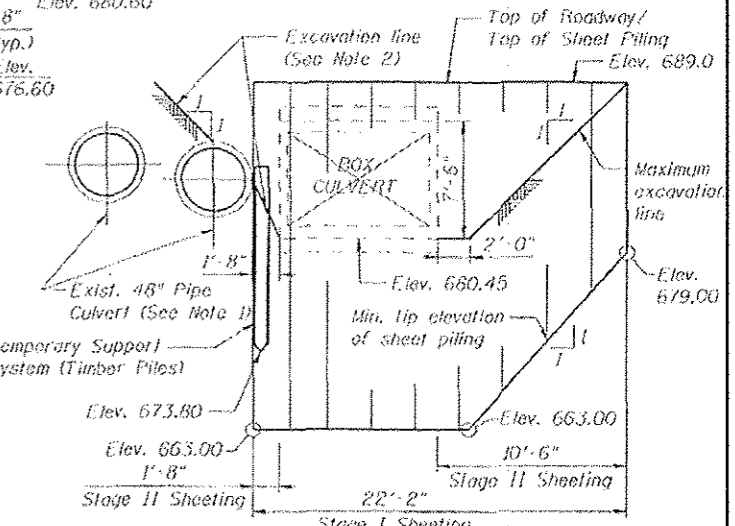
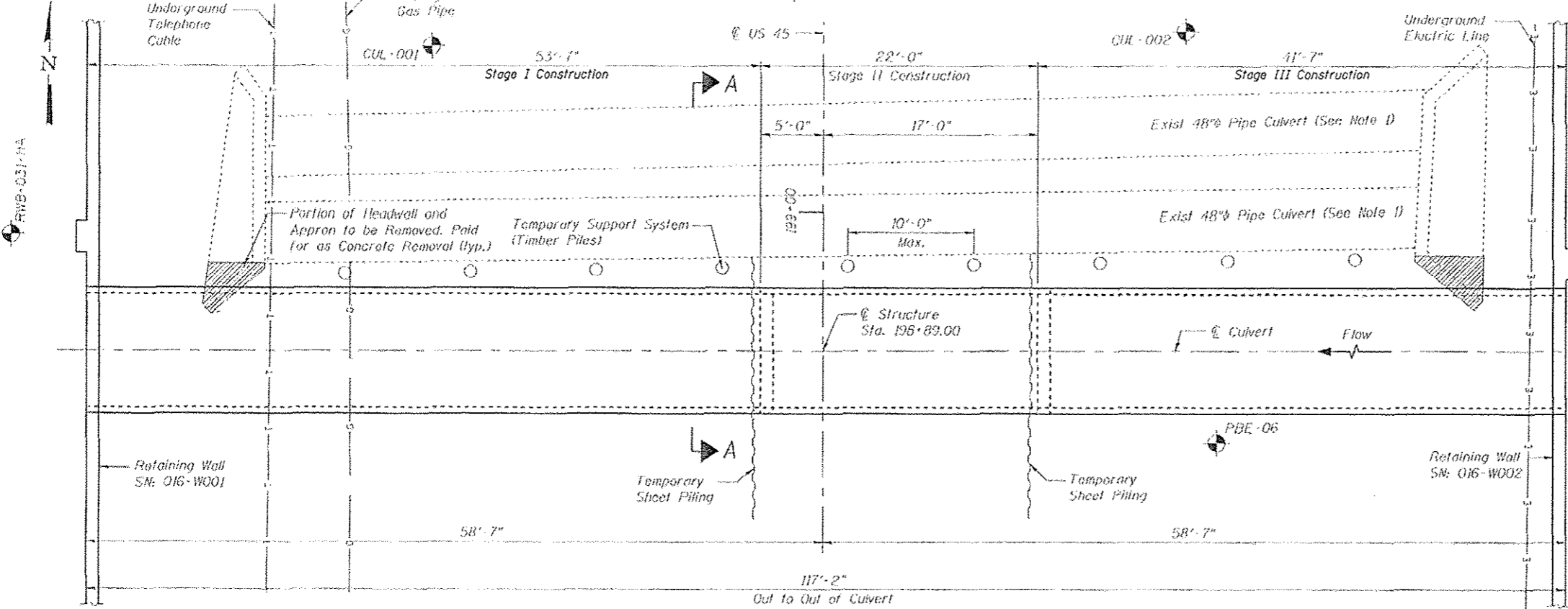
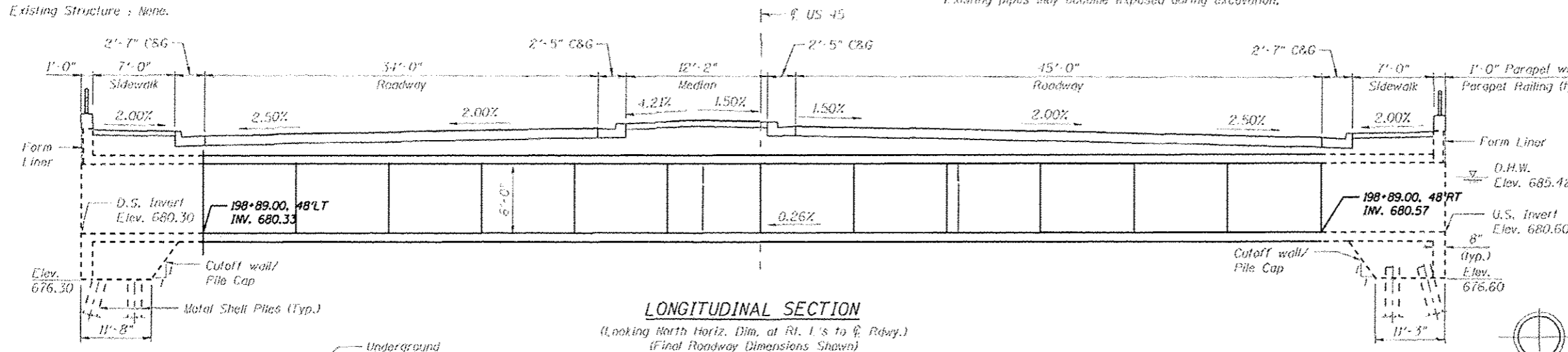
Traffic shall be maintained at all times utilizing Stage Construction.

Existing Structure: None.

Note 1: Flow to be maintained through existing pipe culverts during construction of proposed box culvert. Existing pipes to be removed at a later stage during roadway construction.
 Note 2: Timber piles of the Temporary Support System need to be driven before excavation. Existing pipes may become exposed during excavation.

TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	220
Concrete Removal	Cu. Yd.	4.0
Structure Excavation	Cu. Yd.	590
Precast Concrete Box Culverts 9' X 6'	Foot	96
Temporary Sheet Piling	Sq. Ft.	1008
Temporary Support System	L. Sum	1



SECTION A-A

Minimum Section Modulus = 14.0 in³/ft.
 If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

NOTES:

- The precast concrete box culvert shall be designed by the Contractor.
- Design and drawings shall be sealed by an Illinois Licensed Structural Engineer.
- The precast concrete box culvert units shall meet IDOT policy Memorandum "Quality Control/Quality Assurance Program for Precast Concrete Products."
- The Contractor shall submit shop drawings for the precast concrete culvert to the District Office according to the applicable requirements of Article 504.04 of the Standard Specifications.

WATERWAY INFORMATION

Drainage Area = 87 acres Low Grade Elev. 688.82 @ Sta. 198+64

Flood	Freq. Yr.	C.F.S.	Opening Sq. Ft.	Vel. Ft./Sec.	Head - Ft.	Headwater C.L.	
			Exist. Prop.	Exist. Prop.	Exist. Prop.	Exist. Prop.	
Design	10	130	50.85	34.92	684.48	0.15	684.63
Base	100	235	53.4	43.38	685.42	0.38	685.80
Overtopping	2500		53.6	47.34	685.86	0.57	686.43
Max. Calc.	500	399.5	53.6	54	687.22	1.21	688.43

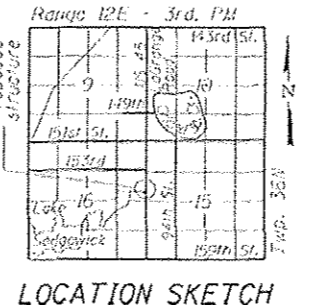
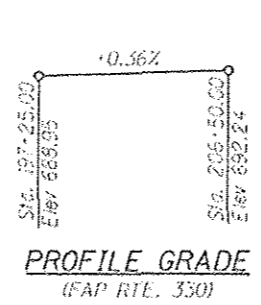
DESIGN STRESSES

PRECAST UNITS
 f'c = 5,000 psi
 fy = 65,000 psi (Welded Wire Fabric)

Max. Soil Pressure under footing = 1300 psf

LOADING HL 93

Design by AASHTO LRFD applying the standard designs of ASTM C 1577



URS
 100 S. Wacker Dr.
 Chicago, IL 60606
 TEL: (312) 853-4000
 FAX: (312) 853-4998

FILE NAME: D:\60909-SHT-5-1.dgn	USER NAME: Anthony.Plutz	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION MARLEY CREEK BOX CULVERT	F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 133	
PLOT SCALE: 1/8" = 1'-0"	PLotted DATE: 1/18/2013	DRAWN: -	REVISED: -			SCALE: SHEET 1 OF 6 SHEETS	STA. TO STA.	S-1		CONTRACT NO. 60W09	
CHKD: -	CHECKED: -	DATE: 01/02/13	REVISED: -			ILLINOIS FED. AID PROJECT					
SHT. PLAN											

FILE NAME =	USER NAME = Anthony.Plutz
D160W09-SHT-PMK19.dgn	
SHT_PLAN	

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DRAWN - EJD	REVISÉD -
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PLOT DATE = 1/7/2013	DATE - 01/02/13

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DRAWN - EJD	REVISÉD -
CHECKED - JWM	REVISÉD -
DATE - 01/02/13	REVISÉD -

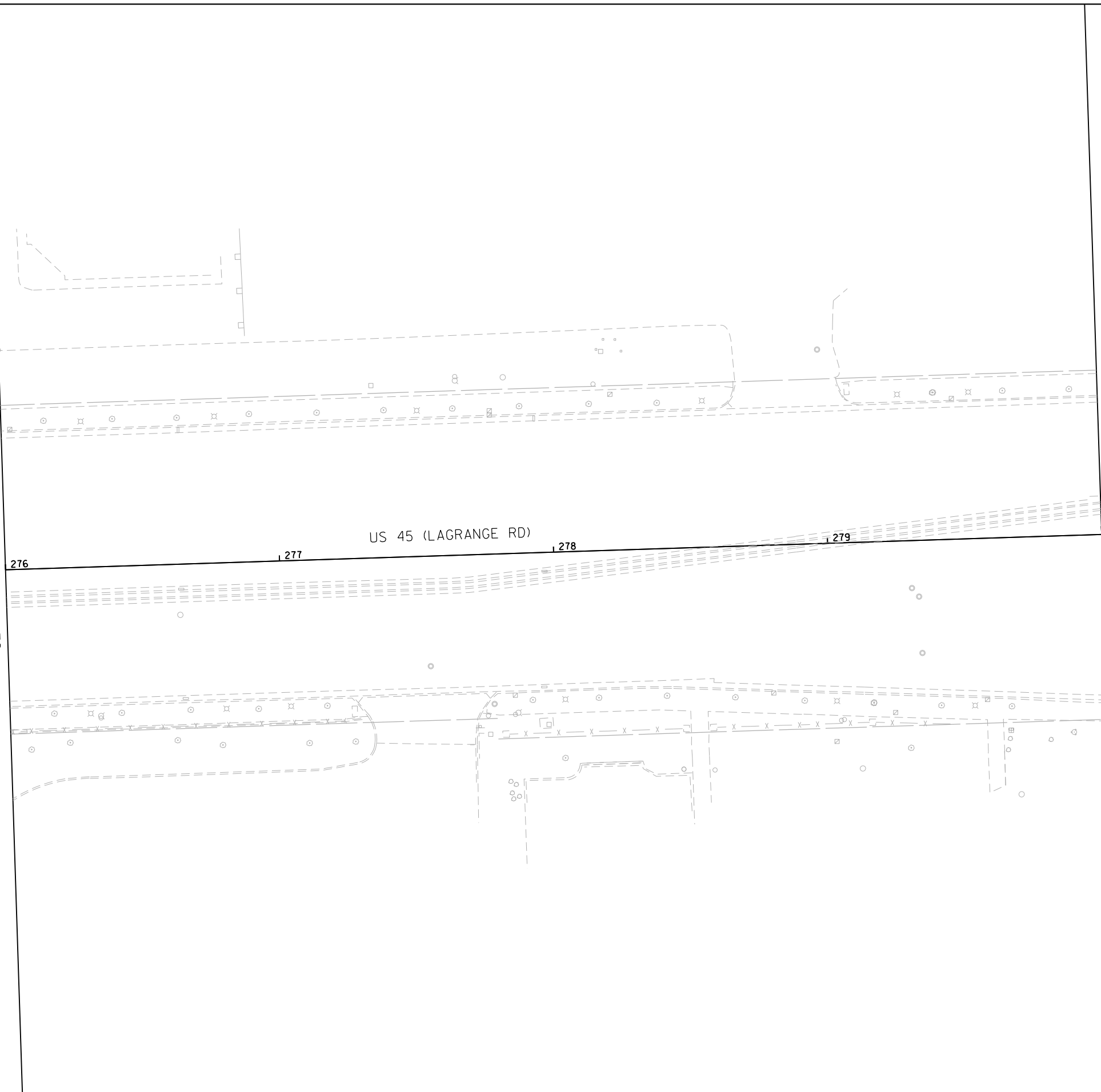
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

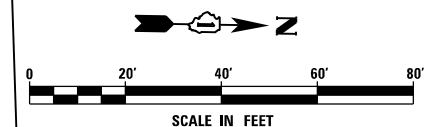
SCALE: 1"=20' SHEET 19 OF 37 SHEETS STA. 276+00.00 TO STA. 280+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	114
PM-19			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 276+00.00
 SEE DRAWING PM-18



MATCH LINE STA. 280+00.00
 SEE DRAWING PM-20



FILE NAME =
 D160W09-SHT-PMK20.dgn
 SHT.PLAN

USER NAME = Anthony.Plutz
 PLOT SCALE = 48.000000' / in.
 PLOT DATE = 1/7/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 01/02/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

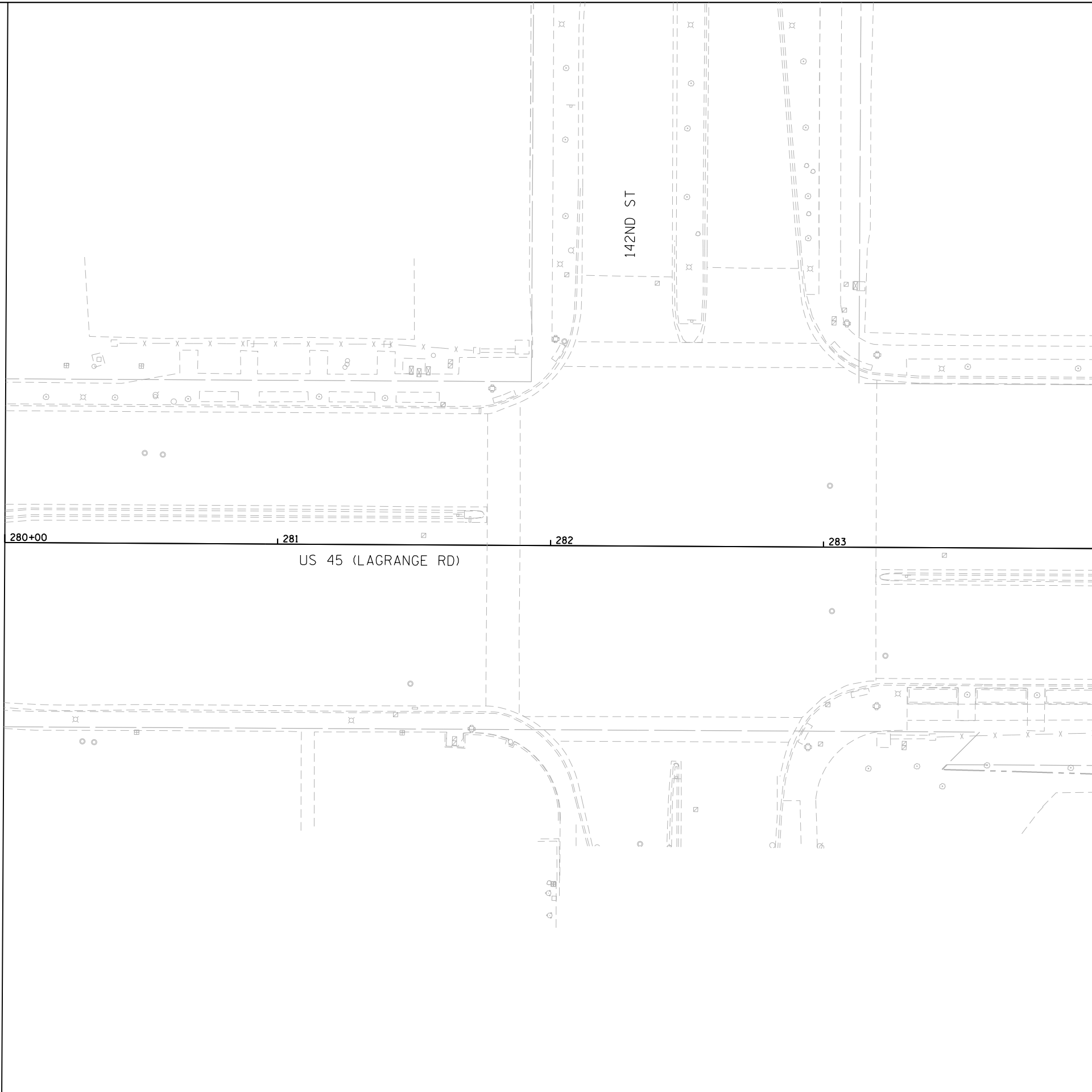
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

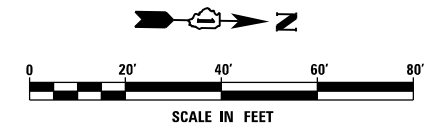
SCALE: 1"=20' SHEET 20 OF 37 SHEETS STA. 280+00.00 TO STA. 284+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	115
PM-20			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 280+00.00
 SEE DRAWING PM-19

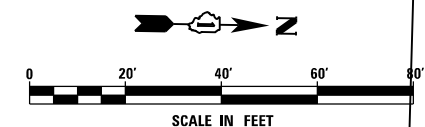
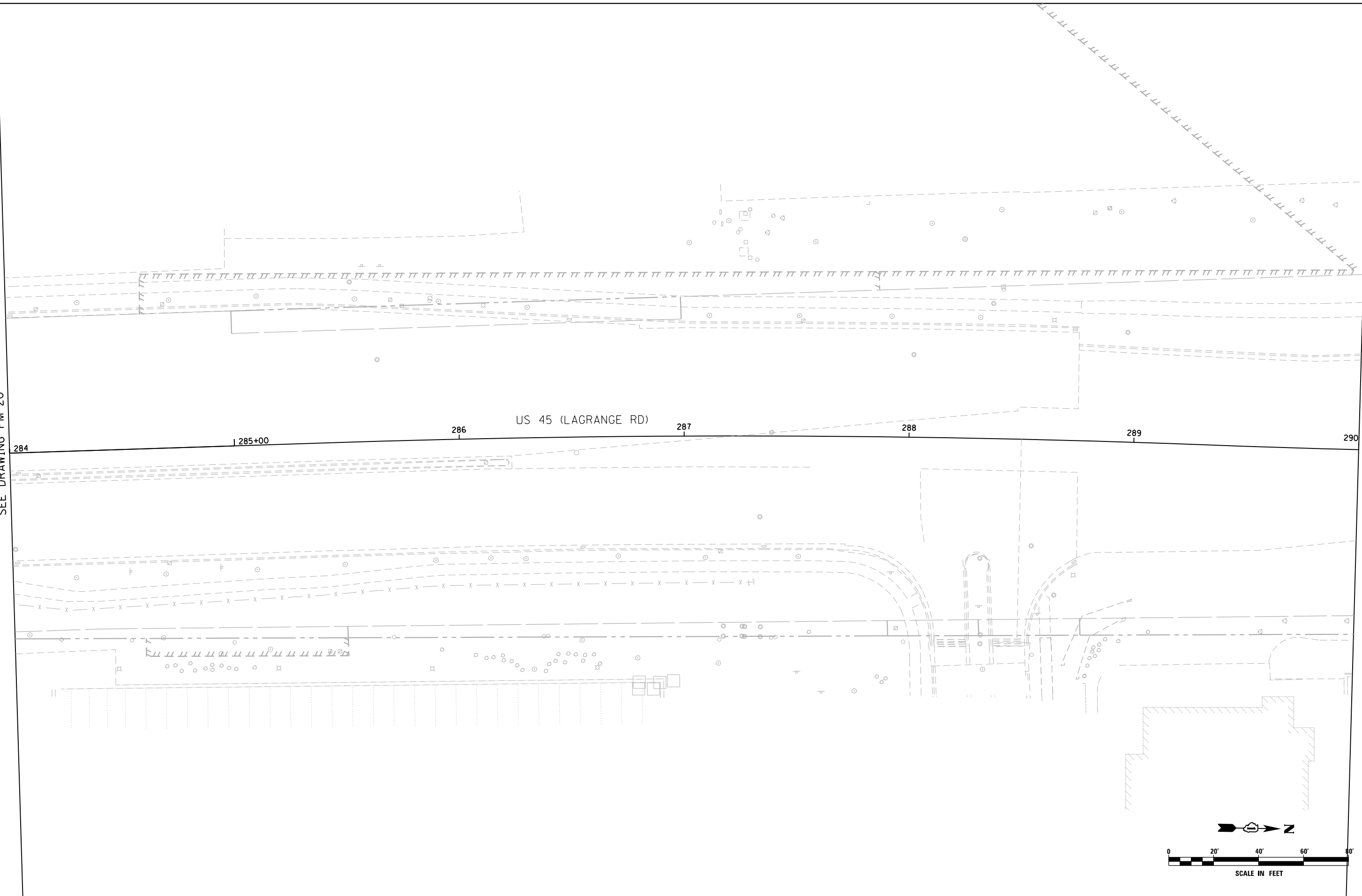


MATCH LINE STA. 284+00.00
 SEE DRAWING PM-21



MATCH LINE STA: 284+00.00
 SEE DRAWING PM-20

MATCH LINE STA: 290+00.00
 SEE DRAWING PM-22



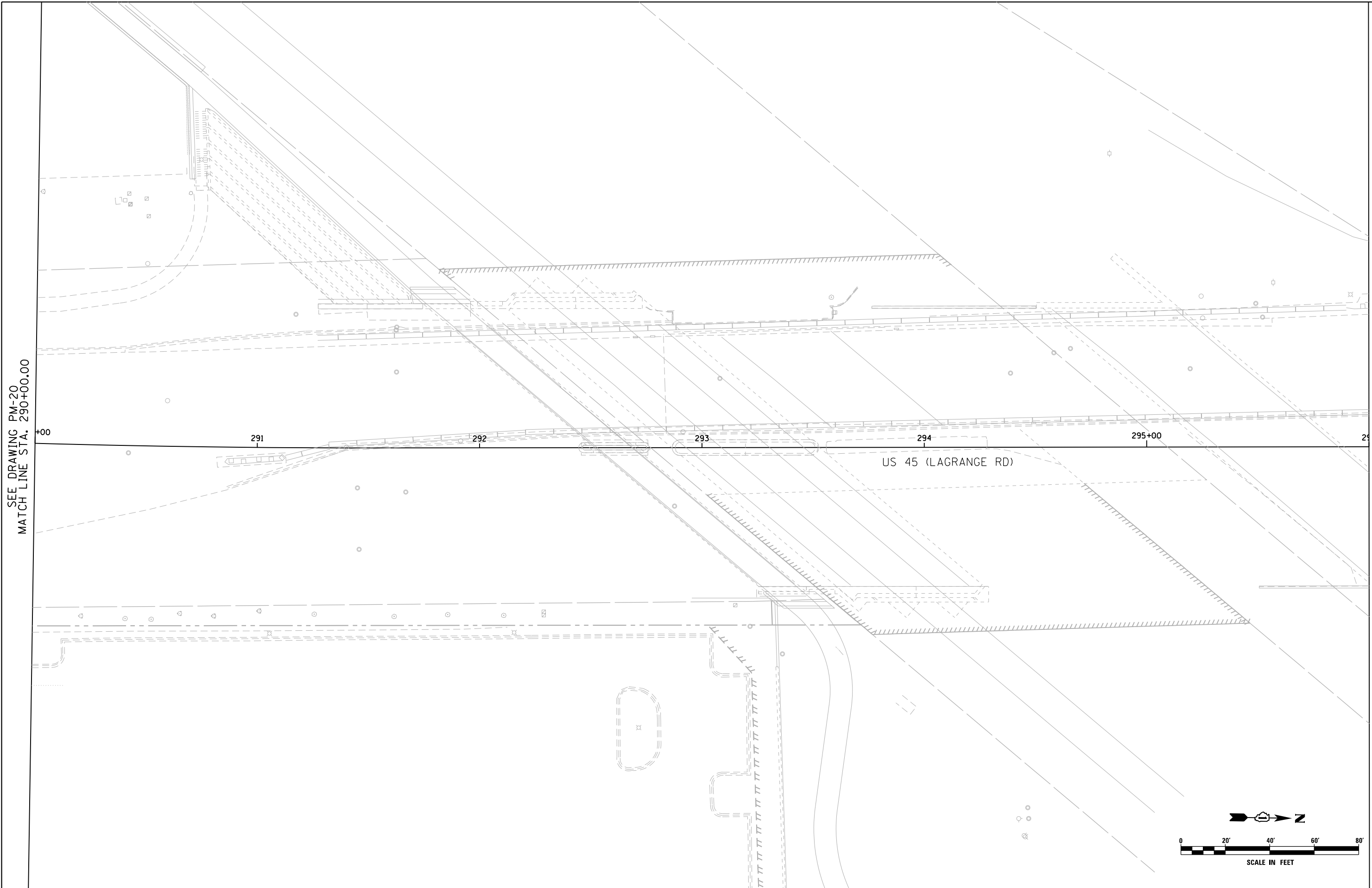
FILE NAME = D160W09-SHT-PMK21.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT.PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

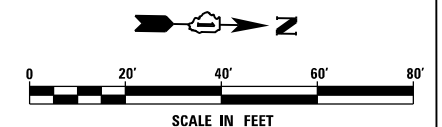
SCALE: 1"=20' SHEET 21 OF 37 SHEETS STA. 284+00.00 TO STA. 290+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	116
PM-21			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



SEE DRAWING PM-20
 MATCH LINE STA. 290+00.00

MATCH LINE STA. 296+00.00
 SEE DRAWING PM-23



FILE NAME =	D:\160\09-SHT-PMK22.dgn
SHT.PLAN	

USER NAME =	Anthony.Plutz
PLOT SCALE =	48.000000' / in.
PLOT DATE =	1/7/2013

DESIGNED -	EJD
DRAWN -	EJD
CHECKED -	JWM
DATE -	01/02/13

REVISED -	
REVISED -	
REVISED -	
REVISED -	

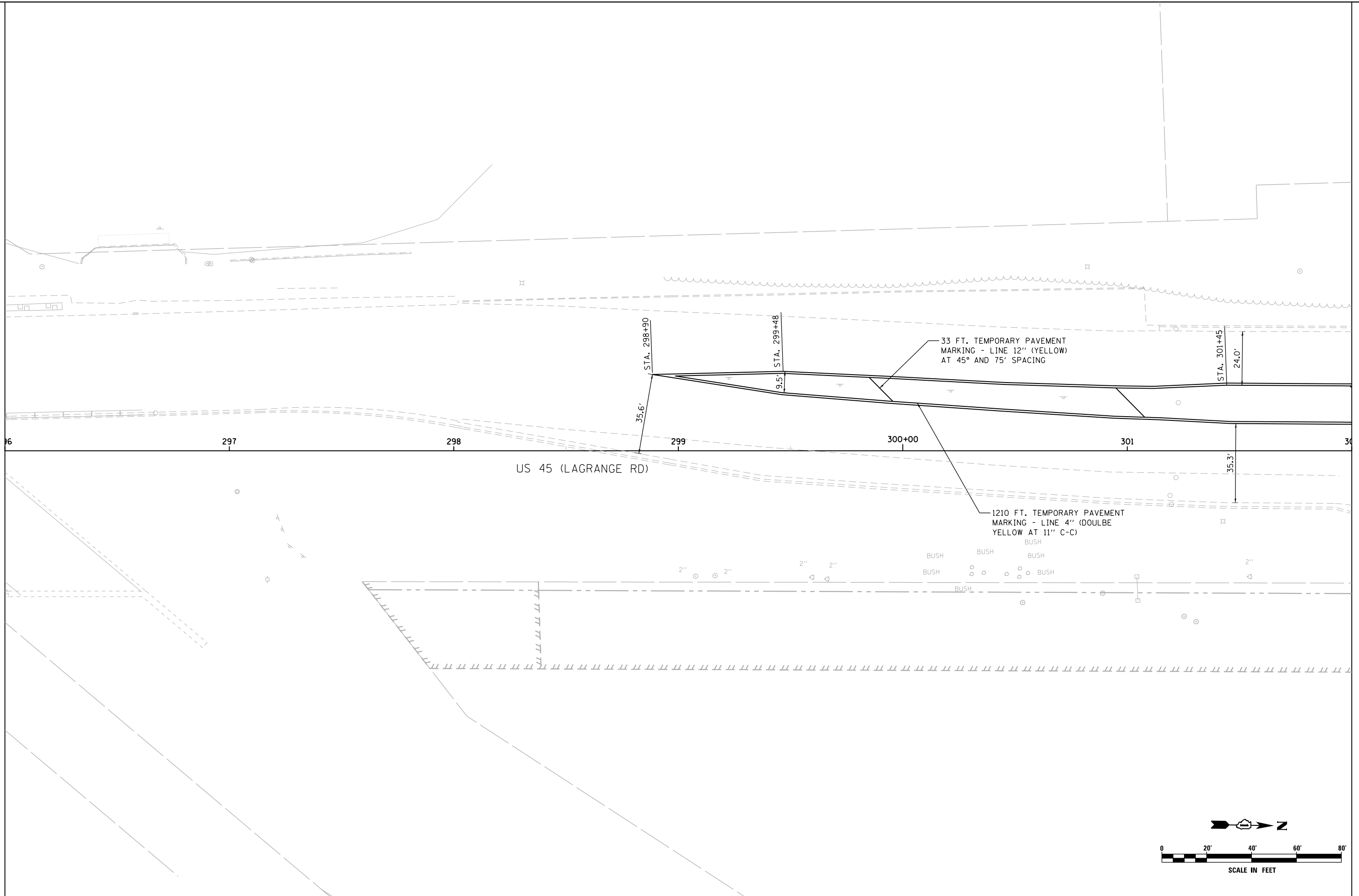
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

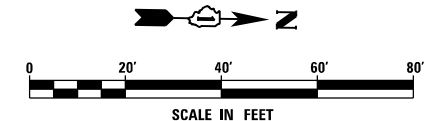
SCALE: 1"=20' SHEET 22 OF 37 SHEETS STA. 290+00.00 TO STA. 296+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	117
PM-22			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

SEE DRAWING PM-22
 MATCH LINE STA. 296+00.00



MATCH LINE STA. 302+00.00
 SEE DRAWING PM-24



FILE NAME = D160W09-SHT-PMK23.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
	PLOT SCALE = 48.000000' / in.	CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

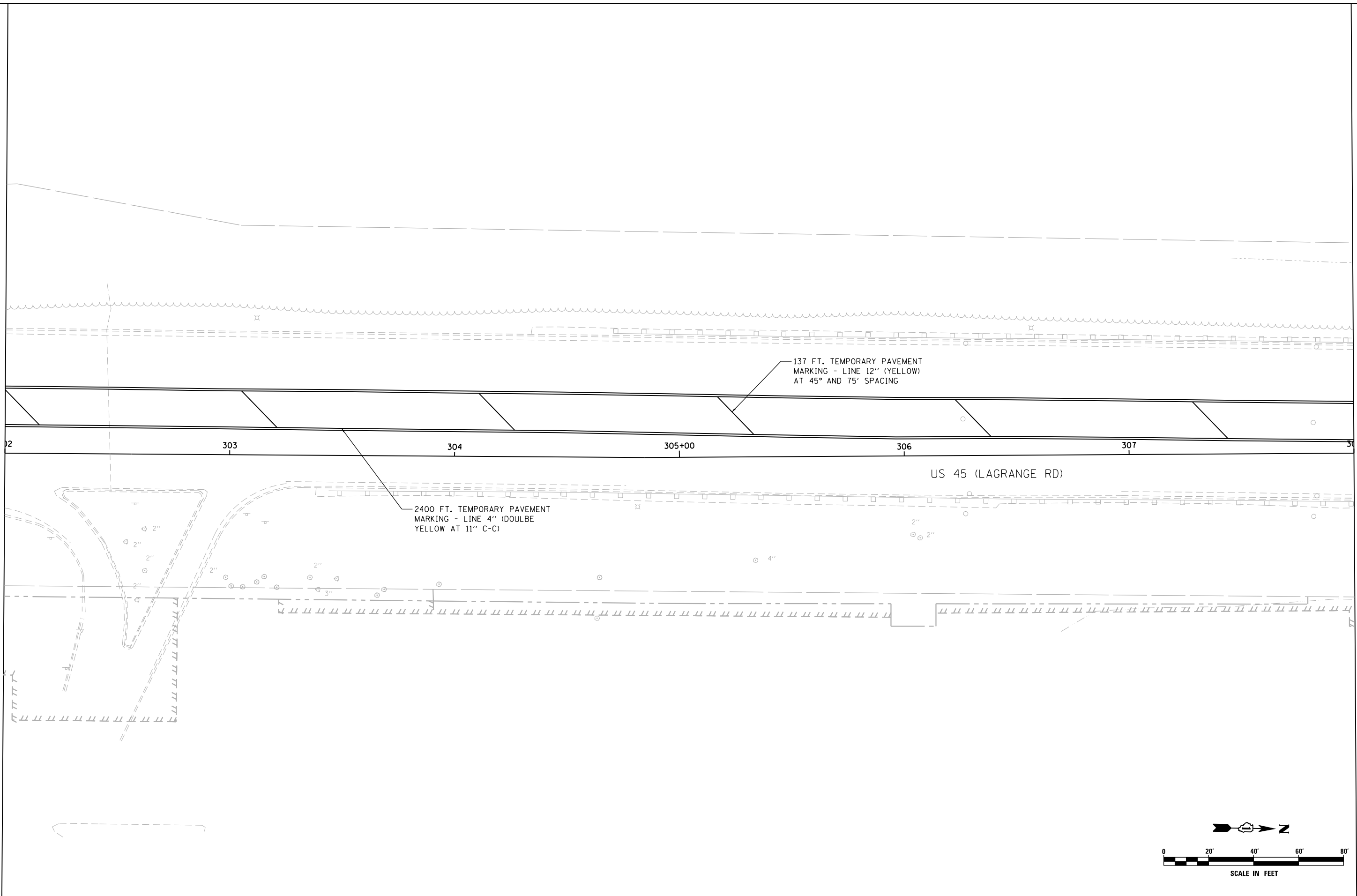
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

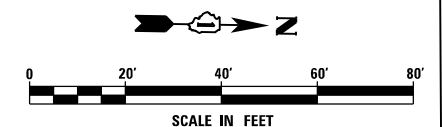
SCALE: 1"=20' SHEET 23 OF 37 SHEETS STA. 296+00.00 TO STA. 302+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 118
PM-23		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

SEE DRAWING PM-23
 MATCH LINE STA. 302+00.00



MATCH LINE STA. 308+00.00
 SEE DRAWING PM-25



FILE NAME =	USER NAME = Anthony.Plutz
D160W09-SHT-PMK24.dgn	
SHT.PLAN	

DESIGNED - EJD	REVISIED -
DRAWN - EJD	REVISIED -
CHECKED - JWM	REVISIED -
DATE - 01/02/13	REVISIED -

PLOT SCALE = 48.000000 ' / in.	
PLOT DATE = 1/7/2013	

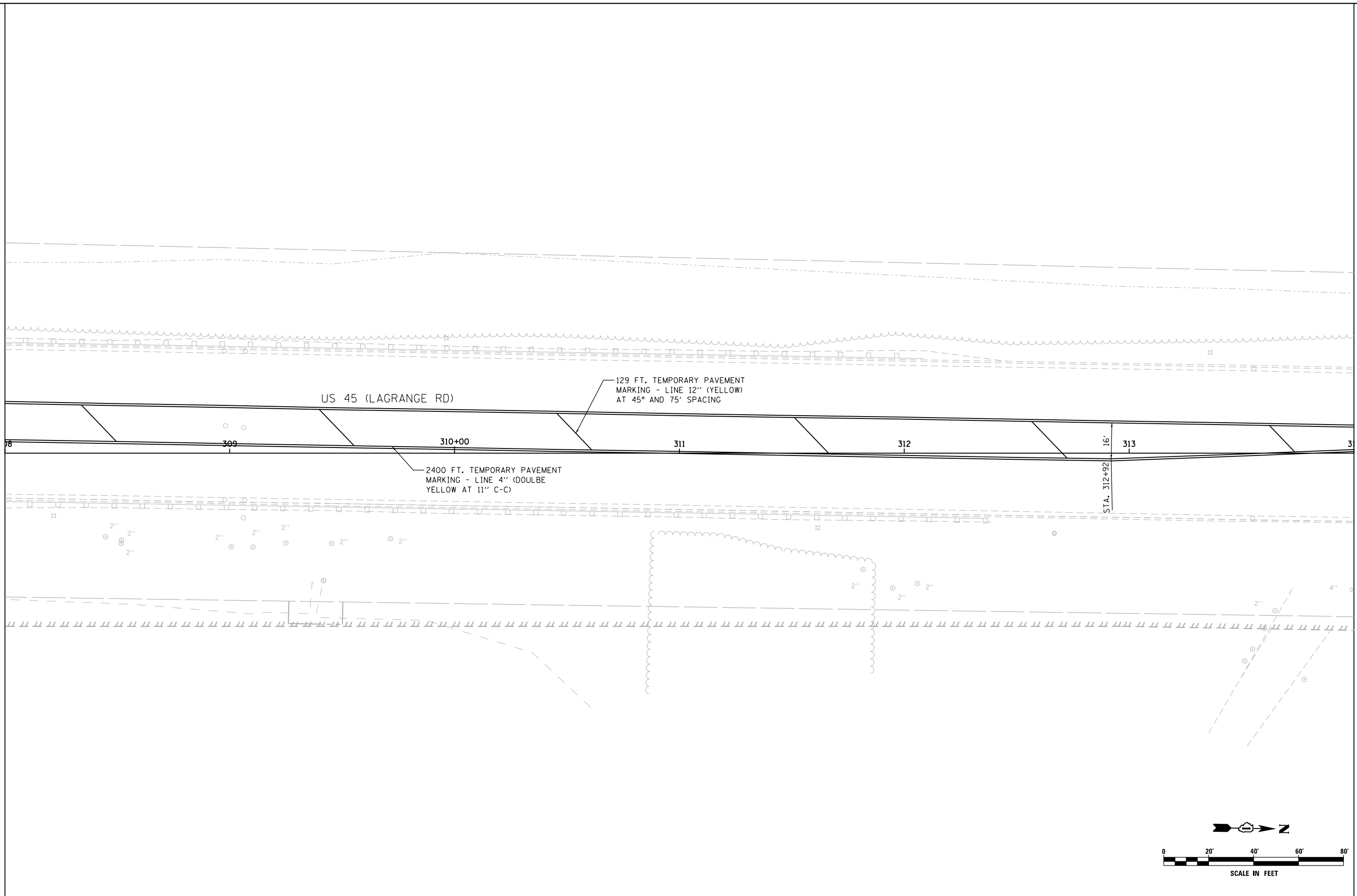
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

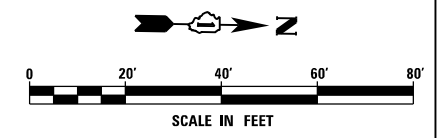
SCALE: 1"=20' SHEET 24 OF 37 SHEETS STA. 302+00.00 TO STA. 308+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	119
PM-24			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

SEE DRAWING PM-24
 MATCH LINE STA. 308+00.00



MATCH LINE STA. 314+00.00
 SEE DRAWING PM-26



FILE NAME =	USER NAME = Anthony.Plutz
D160W09-SHT-PMK25.dgn	
SHT.PLAN	

DESIGNED - EJD	REVISED -
DRAWN - EJD	REVISED -
PLOT SCALE = 40.000000' / in.	REVISIED -
CHECKED - JWM	REVISED -
DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

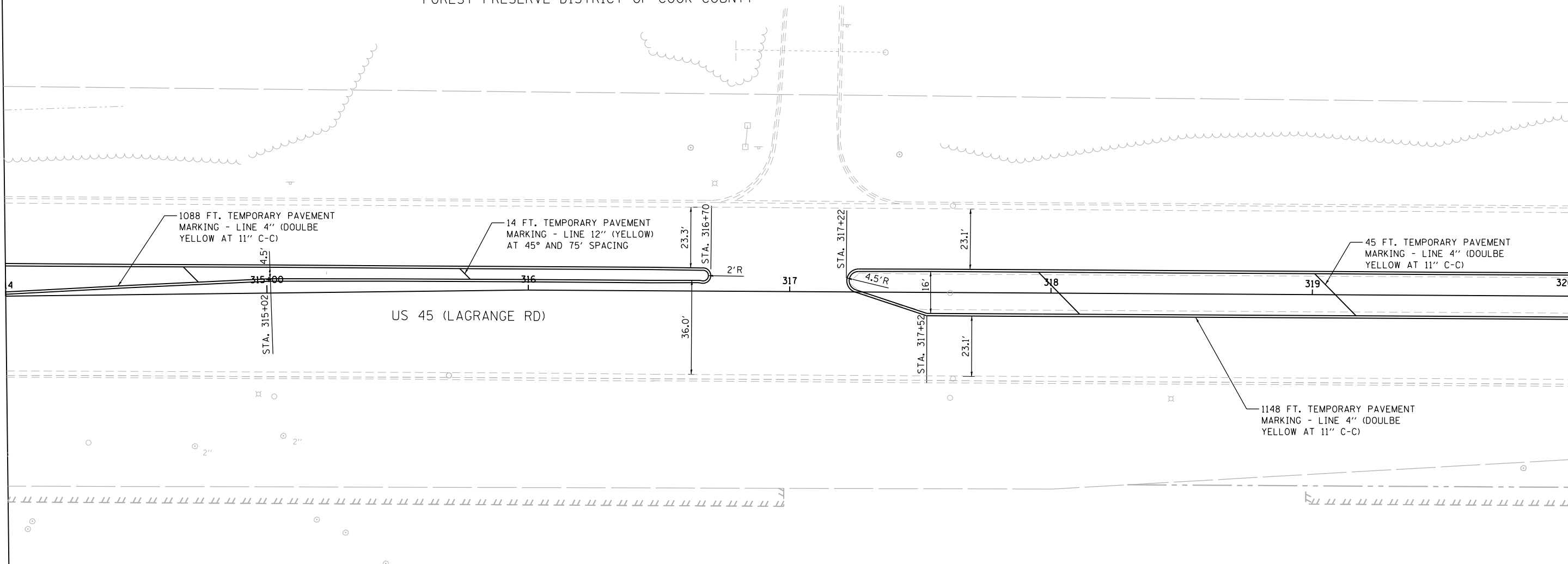
SCALE: 1"=20' SHEET 25 OF 37 SHEETS STA. 308+00.00 TO STA. 314+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	120
PM-25			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

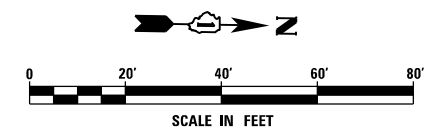
FOREST PRESERVE DISTRICT OF COOK COUNTY

SEE DRAWING PM-25
MATCH LINE STA. 314+00.00

MATCH LINE STA. 320+00.00
SEE DRAWING PM-27



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



FILE NAME = D160W09-SHT-PMK26.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT.PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

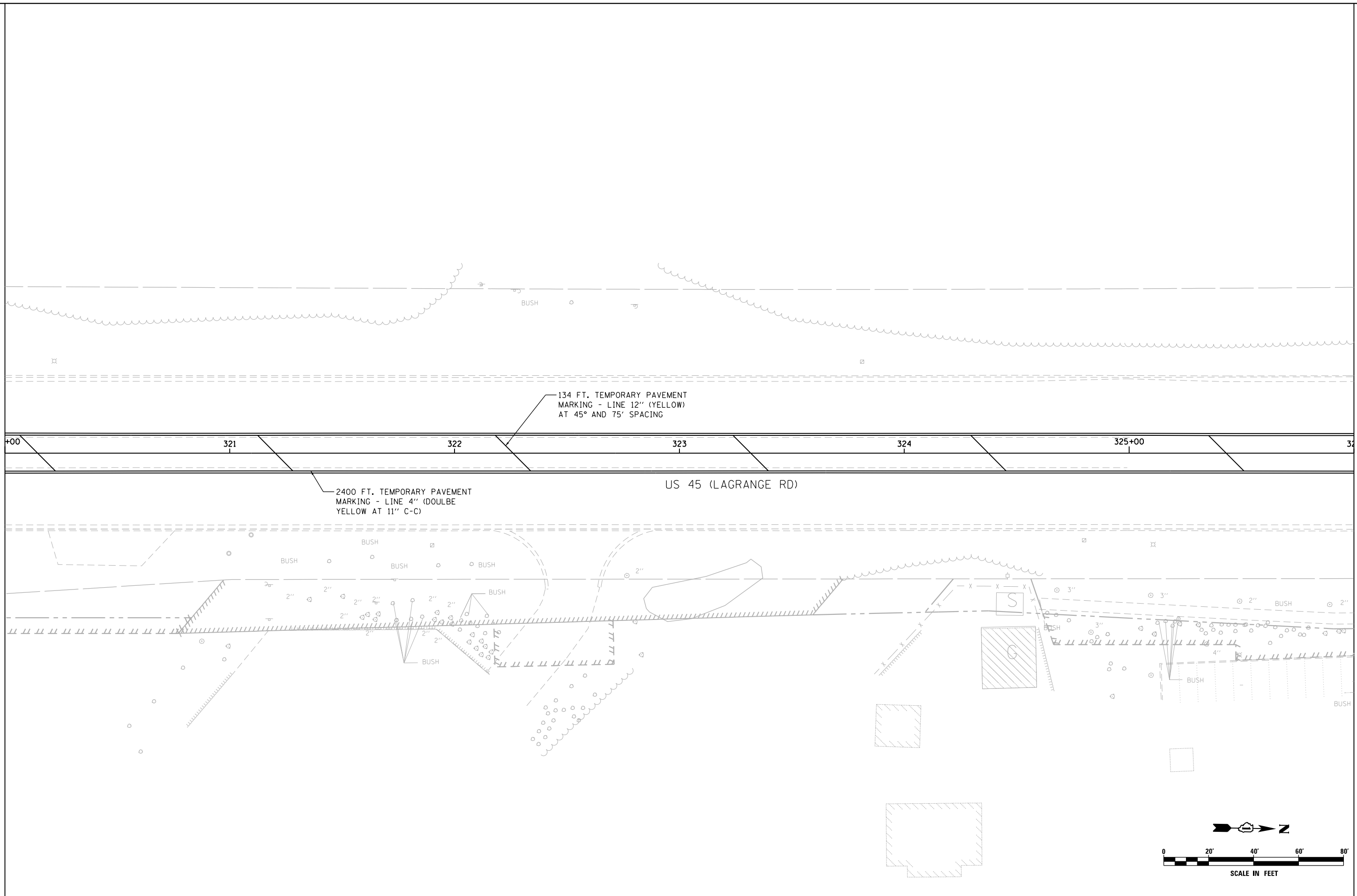
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 26 OF 37 SHEETS STA. 314+00.00 TO STA. 320+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	121
PM-26			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

SEE DRAWING PM-26
 MATCH LINE STA. 320+00.00



MATCH LINE STA. 326+00.00
 SEE DRAWING PM-28

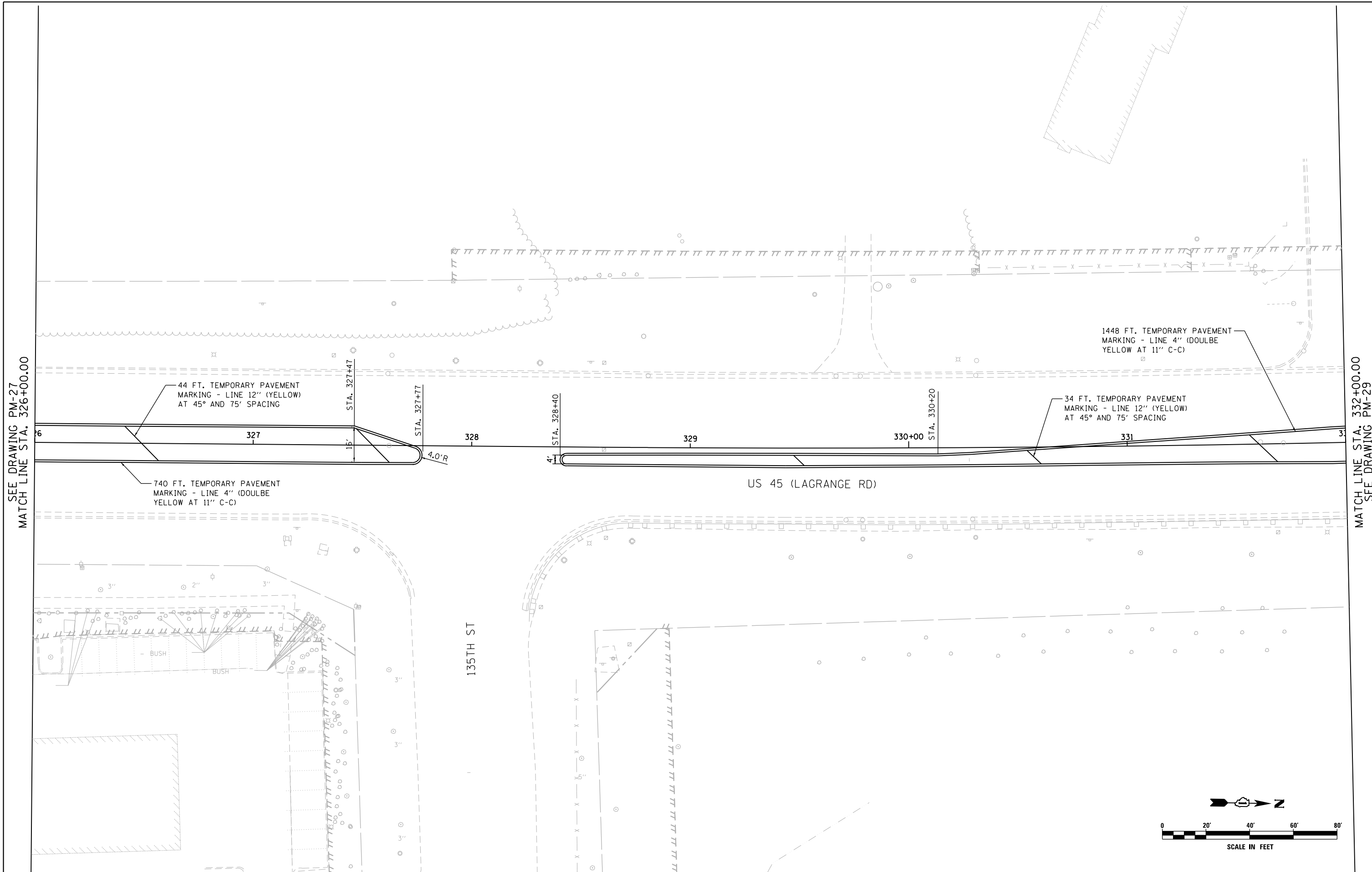
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
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	PLOT SCALE = 48.000000' / in.	CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 1/7/2013	DATE - 01/02/13	REVISED -

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)			
SCALE: 1"=20'	SHEET 27 OF 37 SHEETS	STA. 320+00.00 TO STA. 326+00.00	

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 122
PM-27		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

SCALE IN FEET				
0 20' 40' 60' 80'				



SEE DRAWING PM-27
 MATCH LINE STA. 326+00.00

MATCH LINE STA. 332+00.00
 SEE DRAWING PM-29

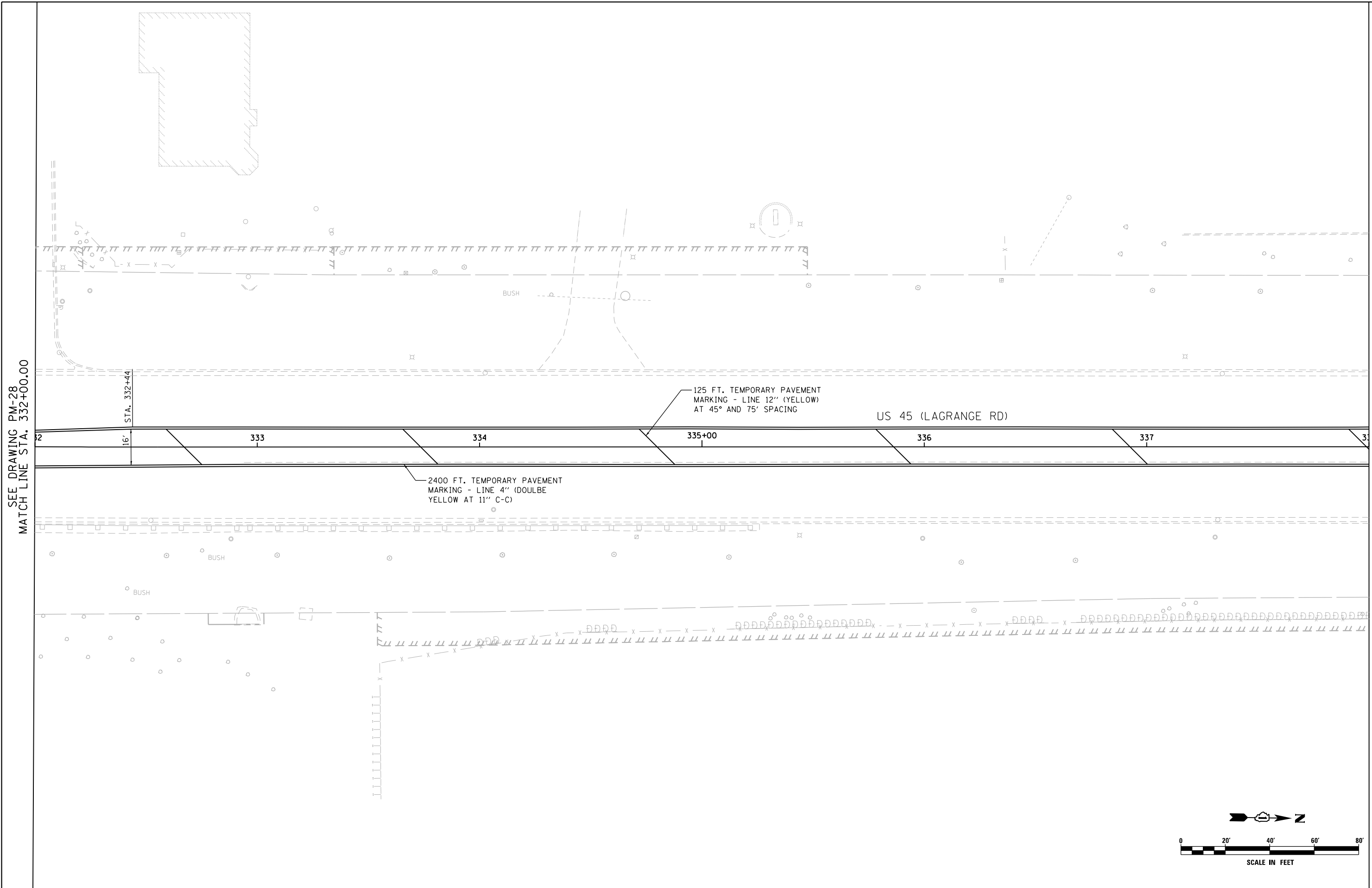
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SHT.PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 28 OF 37 SHEETS STA. 326+00.00 TO STA. 332+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	123
PM-28			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 338+00.00
SEE DRAWING PM-30

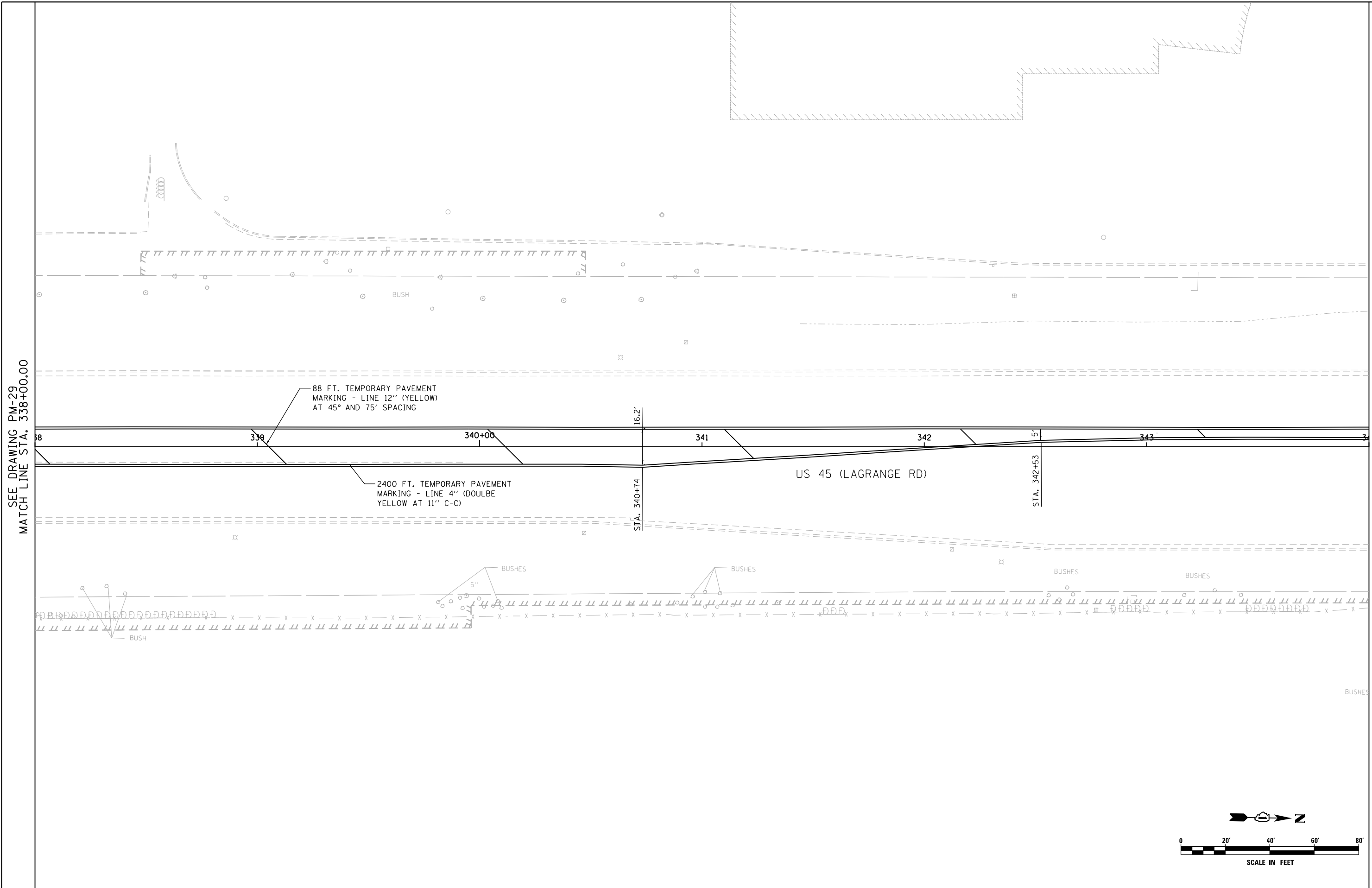
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SHT.PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

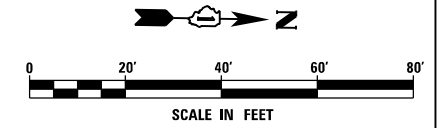
SCALE: 1"=20' SHEET 29 OF 37 SHEETS STA. 332+00.00 TO STA. 338+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	124
PM-29			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



SEE DRAWING PM-29
 MATCH LINE STA. 338+00.00

MATCH LINE STA. 344+00.00
 SEE DRAWING PM-31



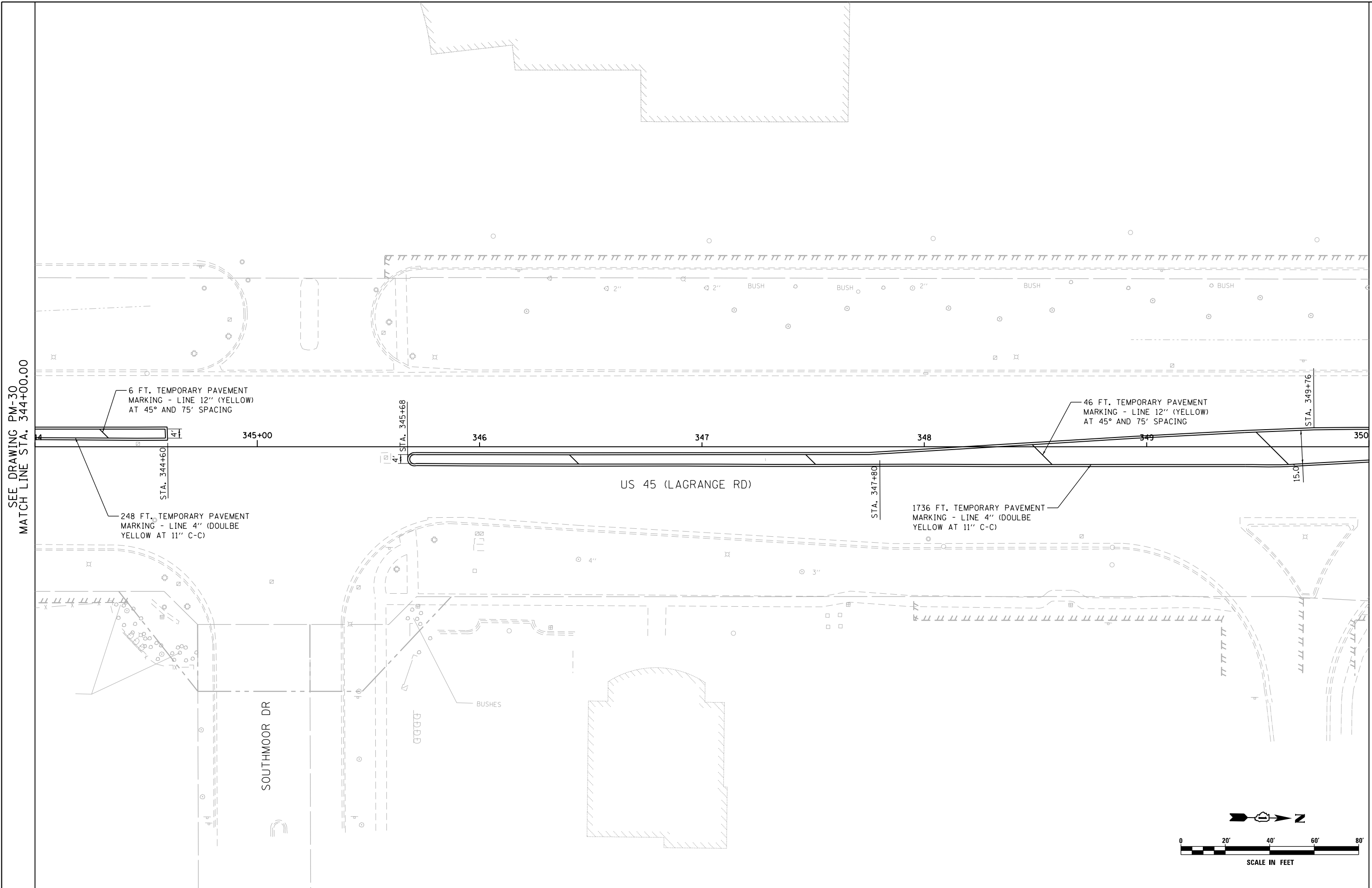
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SHT.PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

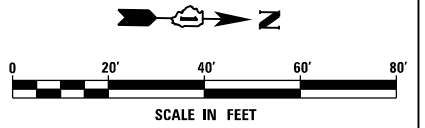
SCALE: 1"=20' SHEET 30 OF 37 SHEETS STA. 338+00.00 TO STA. 344+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	125
PM-31			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



SEE DRAWING PM-30
 MATCH LINE STA. 344+00.00

MATCH LINE STA. 350+00.00
 SEE DRAWING DU-32



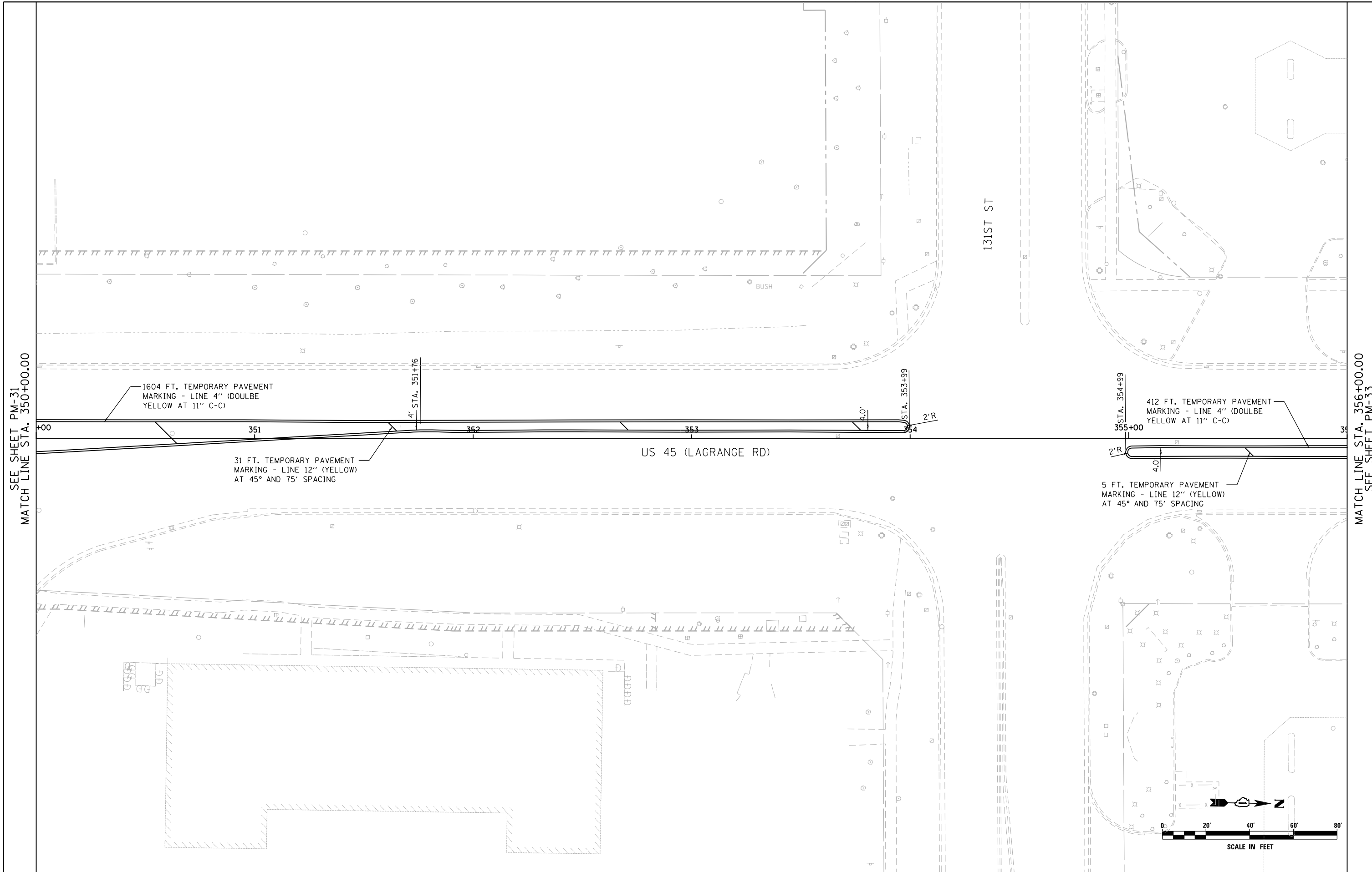
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	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 31 OF 37 SHEETS STA. 344+00.00 TO STA. 350+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	126
PM-31			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = Anthony.Plutz
D160W09-SHT-PMK32.dgn	
SHT.PLAN	

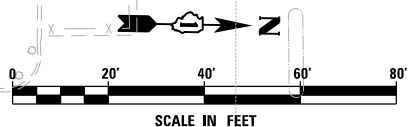
DESIGNED - EJD	REVISED -
DRAWN - EJD	REVISED -
CHECKED - JWM	REVISED -
DATE - 01/02/13	REVISED -

PLOT SCALE = 48.000000' / in.
PLOT DATE = 1/7/2013

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

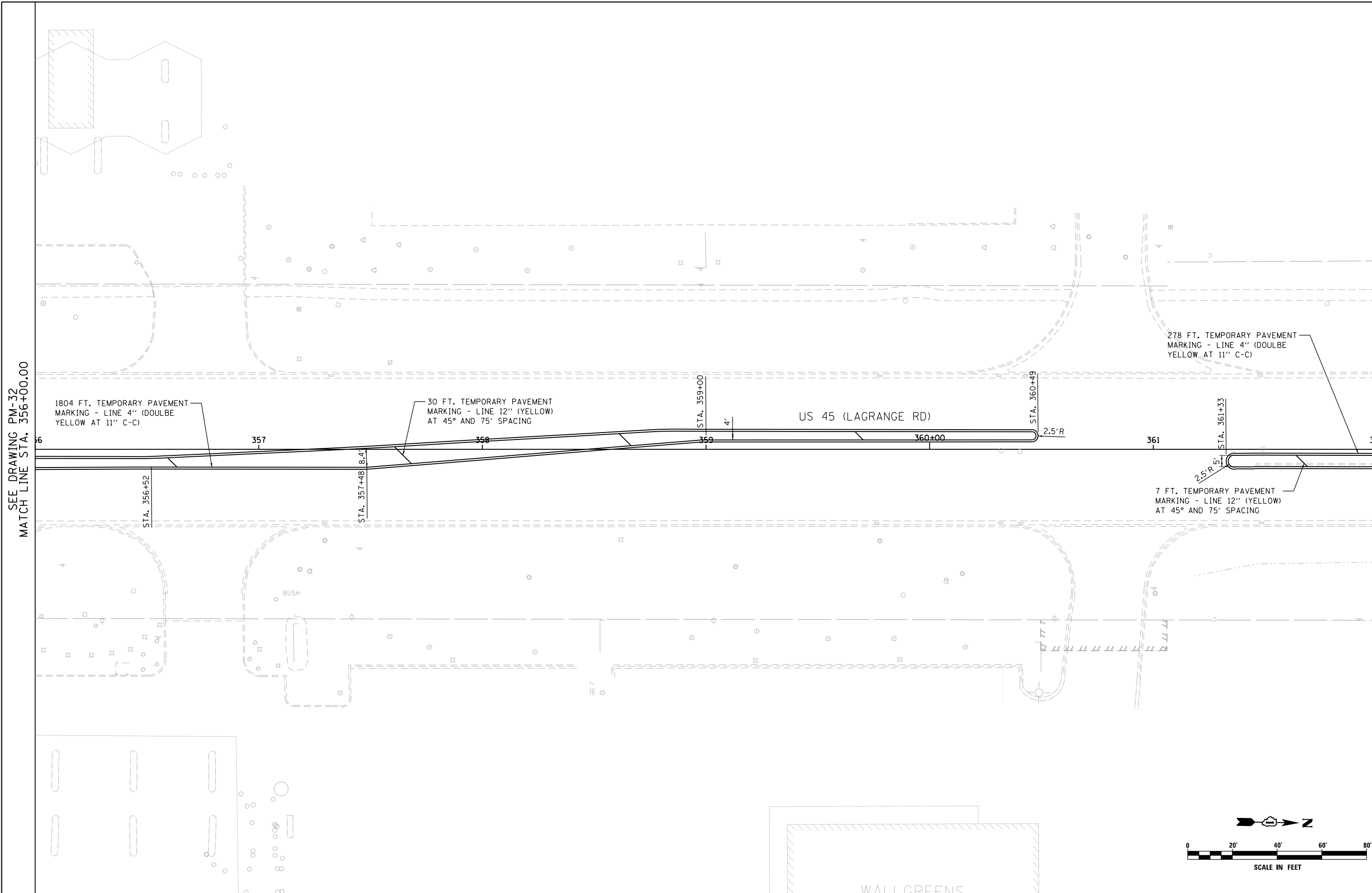
PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)			
SCALE: 1"=20'	SHEET 32 OF 37 SHEETS	STA. 350+00.00 TO STA. 356+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	127
PM-32			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



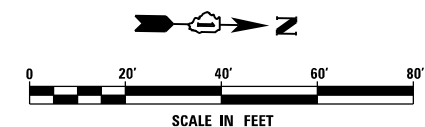
SEE SHEET PM-31
 MATCH LINE STA. 350+00.00

MATCH LINE STA. 356+00.00
 SEE SHEET PM-33



SEE DRAWING PM-32
 MATCH LINE STA. 356+00.00

MATCH LINE STA. 362+00.00
 SEE DRAWING PM-34



FILE NAME = D160W09-SHT-PMK33.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

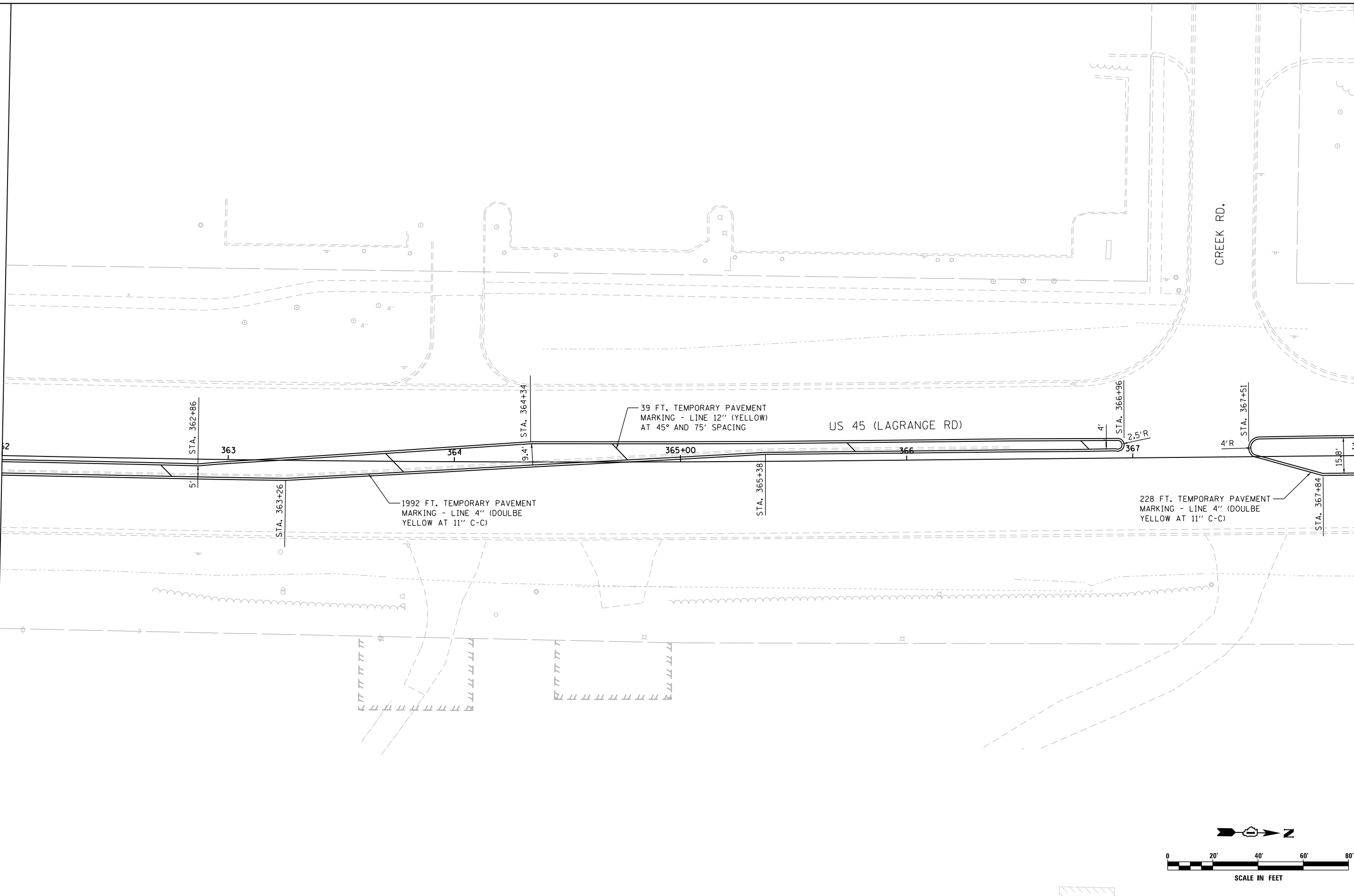
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

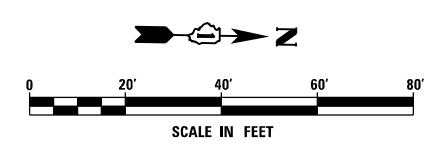
SCALE: 1"=20' SHEET 33 OF 37 SHEETS STA. 356+00.00 TO STA. 362+00.00

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 128
PM-33			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				

SEE DRAWING PM-33
 MATCH LINE STA. 362+00.00



MATCH LINE STA. 368+00.00
 SEE DRAWING PM-35



FILE NAME =	USER NAME = Anthony.Plutz
D160W09-SHT-PMK34.dgn	
SHT.PLAN	

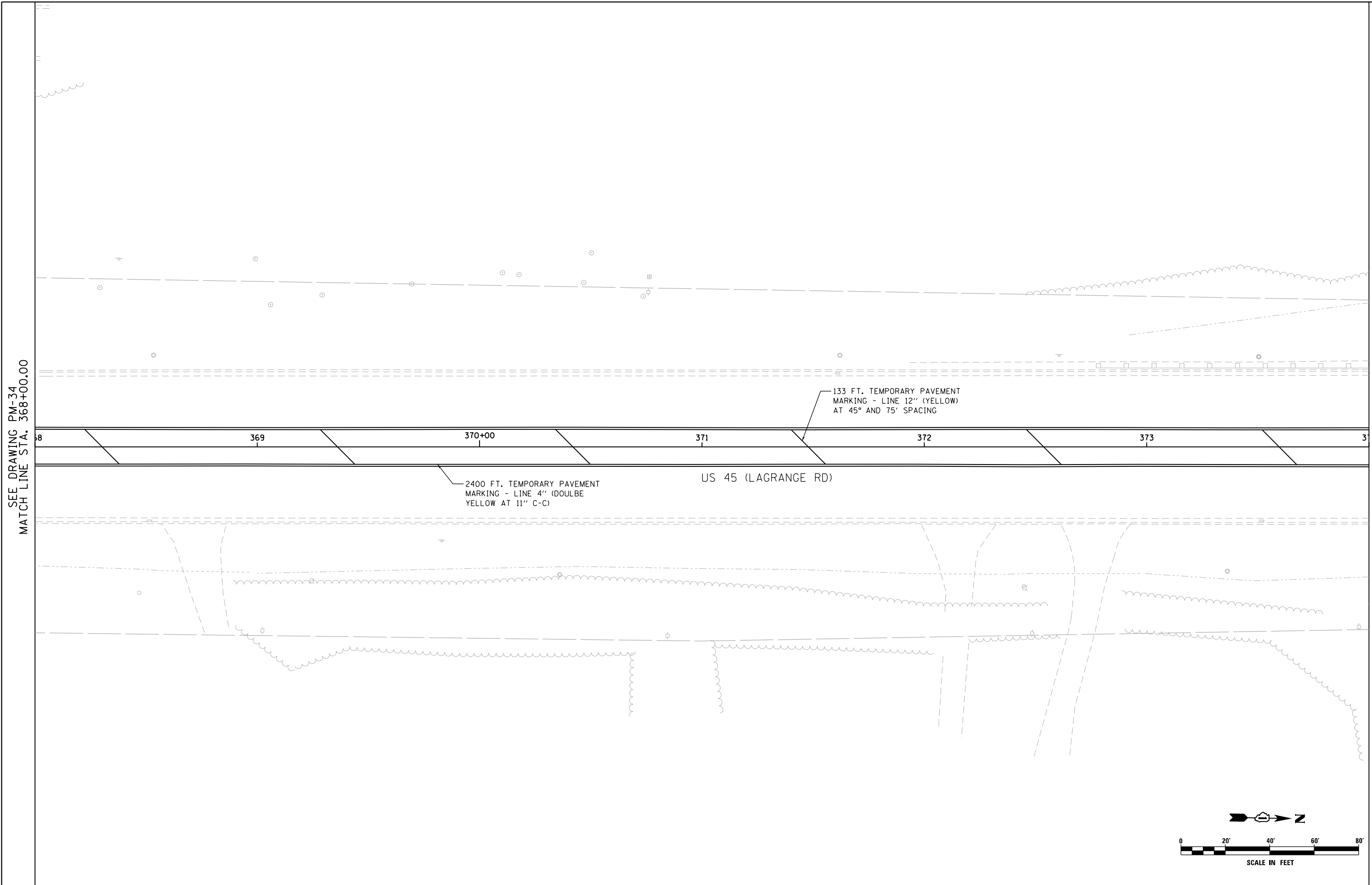
DESIGNED - EJD	REVIS
DRAWN - EJD	REVIS
CHECKED - JWM	REVIS
DATE - 01/02/13	REVIS

DESIGNED - EJD	REVIS
DRAWN - EJD	REVIS
CHECKED - JWM	REVIS
DATE - 01/02/13	REVIS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

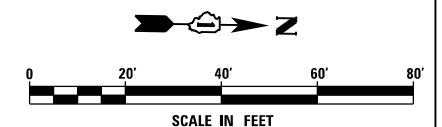
PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)			
SCALE: 1"=20'	SHEET 34 OF 37 SHEETS	STA. 362+00.00 TO STA. 368+00.00	

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 129
PM-34			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



SEE DRAWING PM-34
 MATCH LINE STA. 368+00.00

MATCH LINE STA. 374+00.00
 SEE DRAWING PM-36



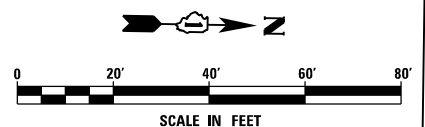
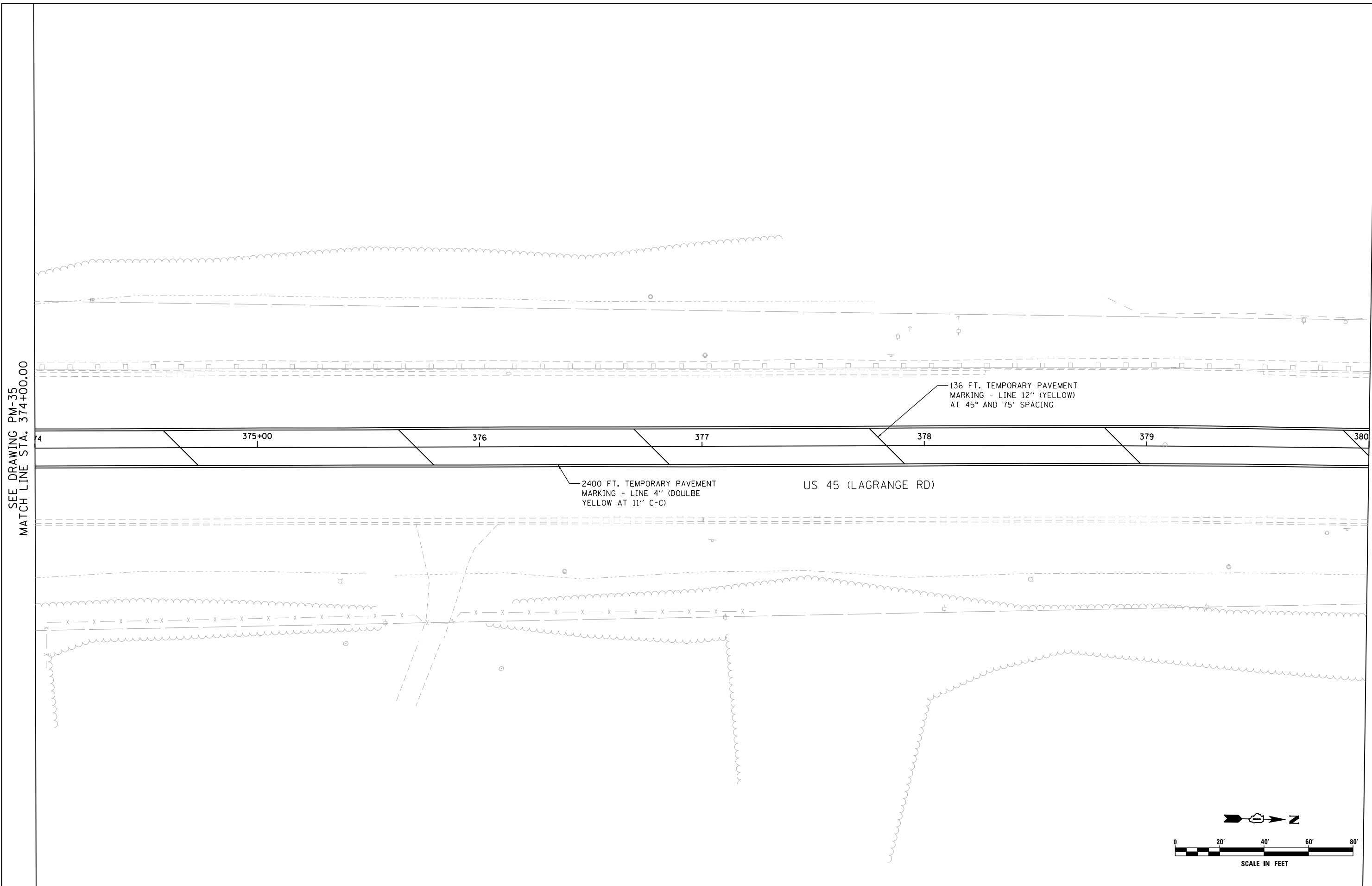
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SHT.PLAN	PLOT SCALE = 40.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 35 OF 37 SHEETS STA. 368+00.00 TO STA. 374+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	130
PM-35			CONTRACT NO. 60W09	
ILLINOIS FED. AID PROJECT				



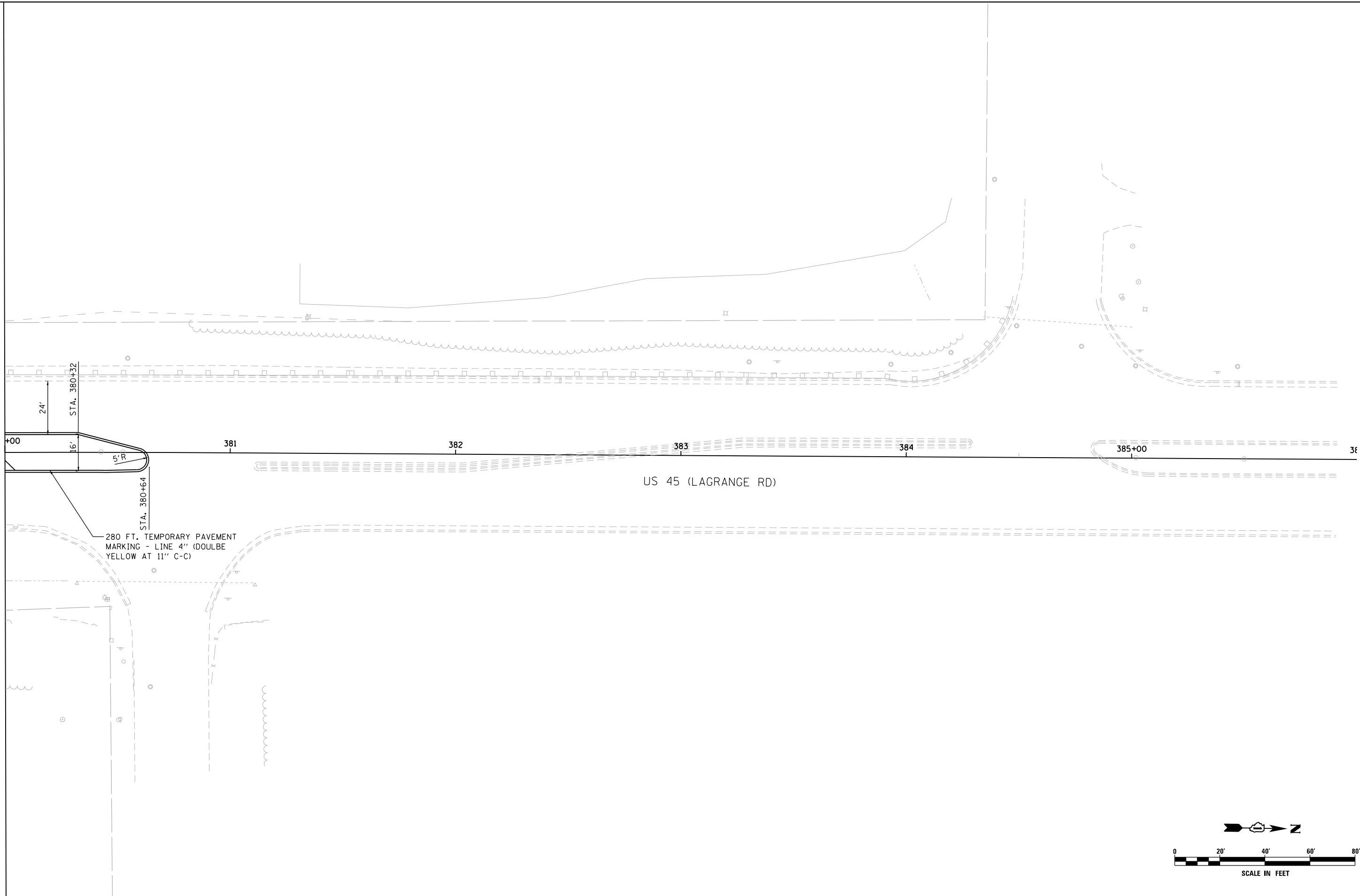
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SHT.PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 1/7/2013	CHECKED - JWM	REVISED -
		DATE - 01/02/13	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
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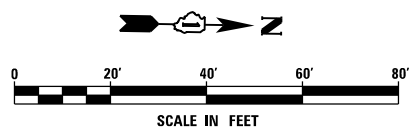
PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)	
SCALE: 1"=20'	SHEET 36 OF 37 SHEETS
STA. 374+00.00 TO STA. 380+00.00	

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 131
PM-36		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				

SEE DRAWING PM-36
 MATCH LINE STA. 380+00.00



280 FT. TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW AT 11" C-C)



FILE NAME =	D:\160W09-SHT-PMK37.dgn
SHT.PLAN	

USER NAME =	Anthony.Plutz
PLOT SCALE =	48.000000' / in.
PLOT DATE =	1/7/2013

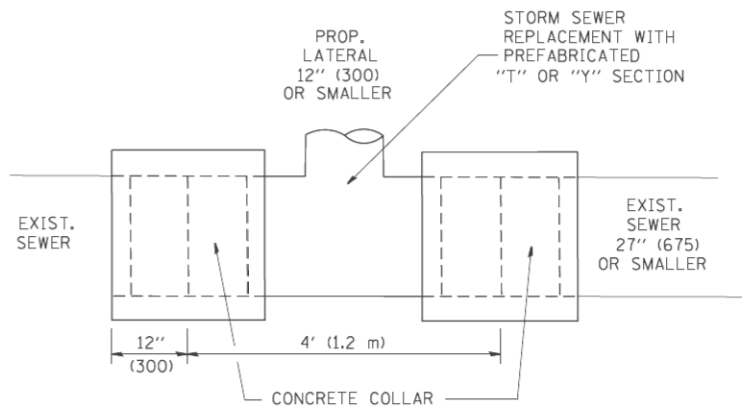
DESIGNED -	EJD
DRAWN -	EJD
CHECKED -	JWM
DATE -	01/02/13

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

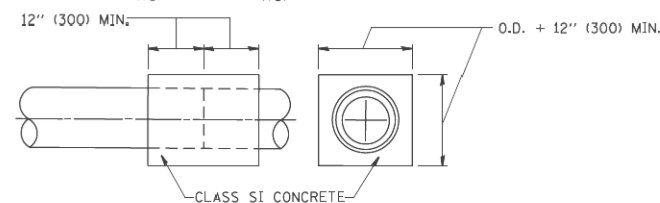
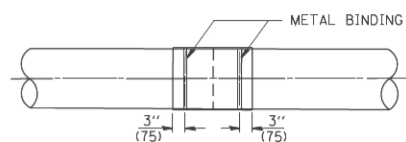
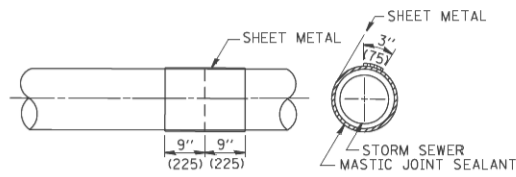
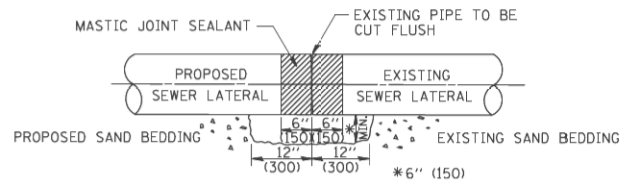
PAVEMENT MARKING PLAN - US 45 (LAGRANGE ROAD)			
SCALE: 1"=20'	SHEET 37 OF 37 SHEETS	STA. 380+00.00 TO STA. END	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	132
PM-37		CONTRACT NO. 60W09		
ILLINOIS FED. AID PROJECT				



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

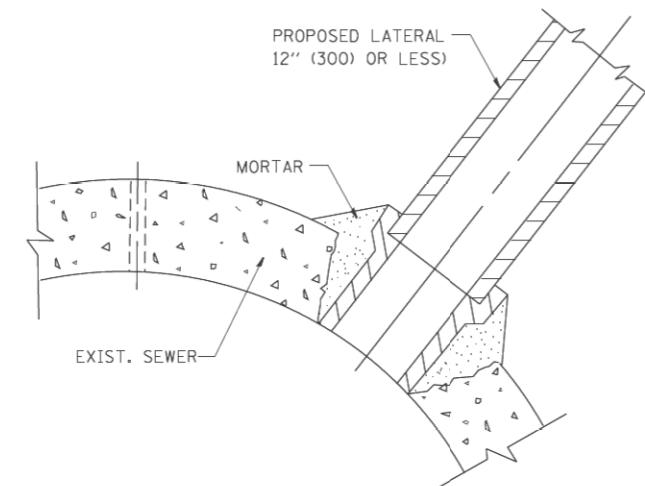


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

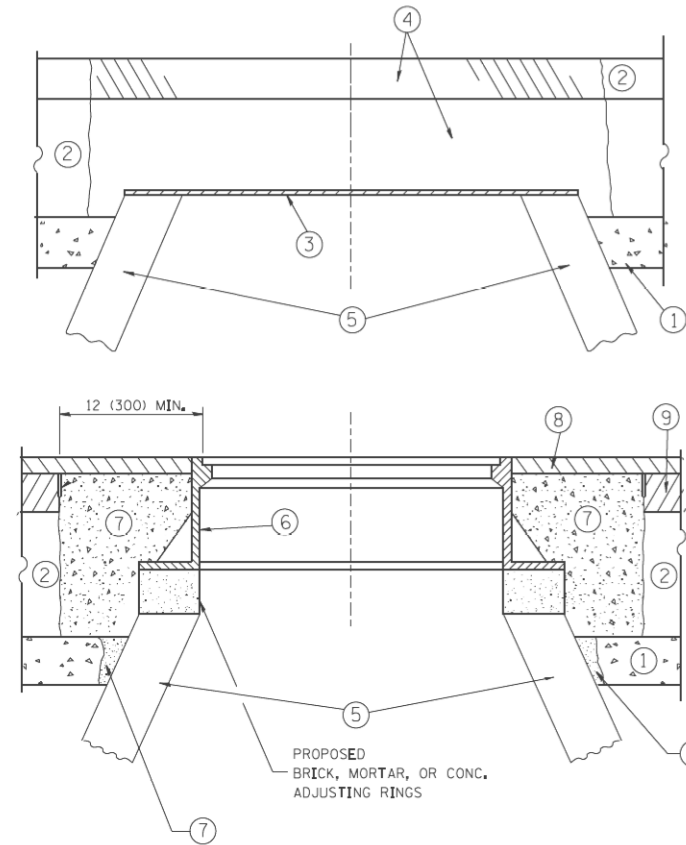
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		CHECKED -	REVISED - R. SHAH 10-25-94
		DATE - 07-25-90	REVISED - R. SHAH 06-12-96

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	139
BD500-01 (BD-7)			CONTRACT NO. 60W09	
FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT				



NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

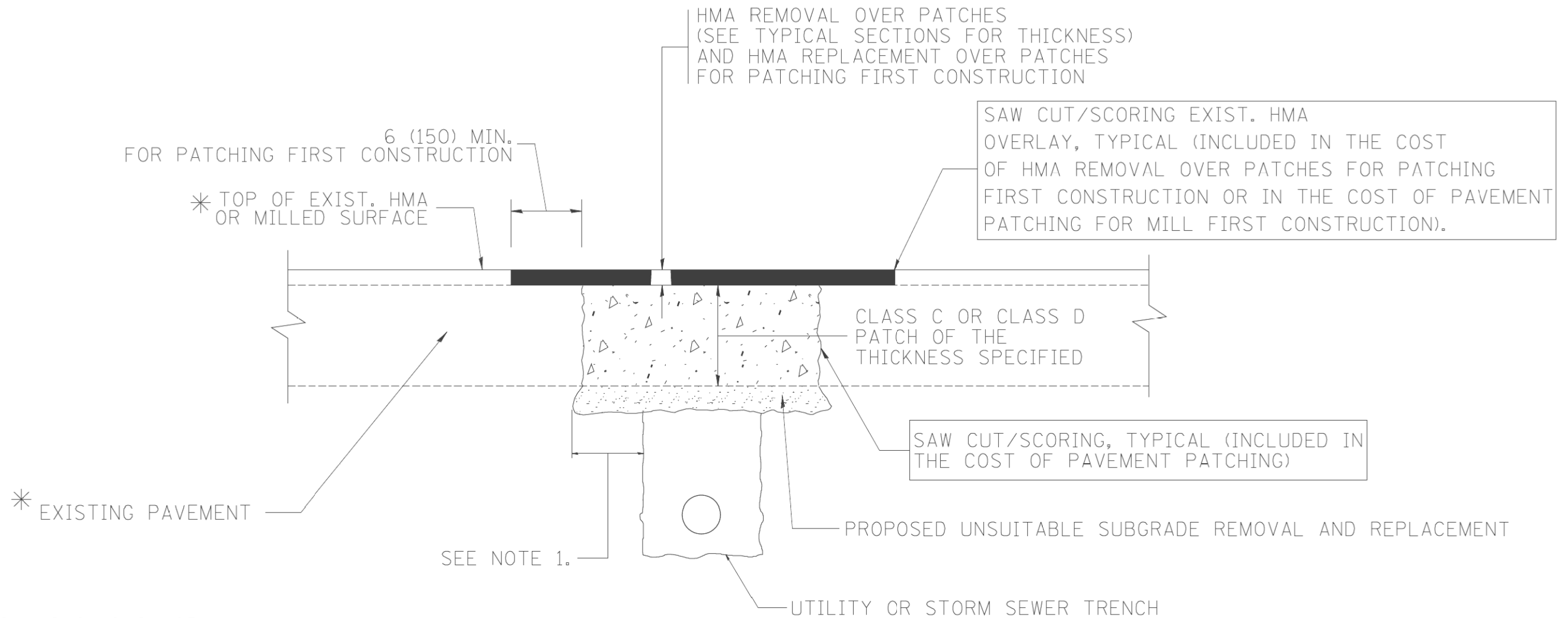
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	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	140
BD600-03 (BD-8)		CONTRACT NO. 60W09		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

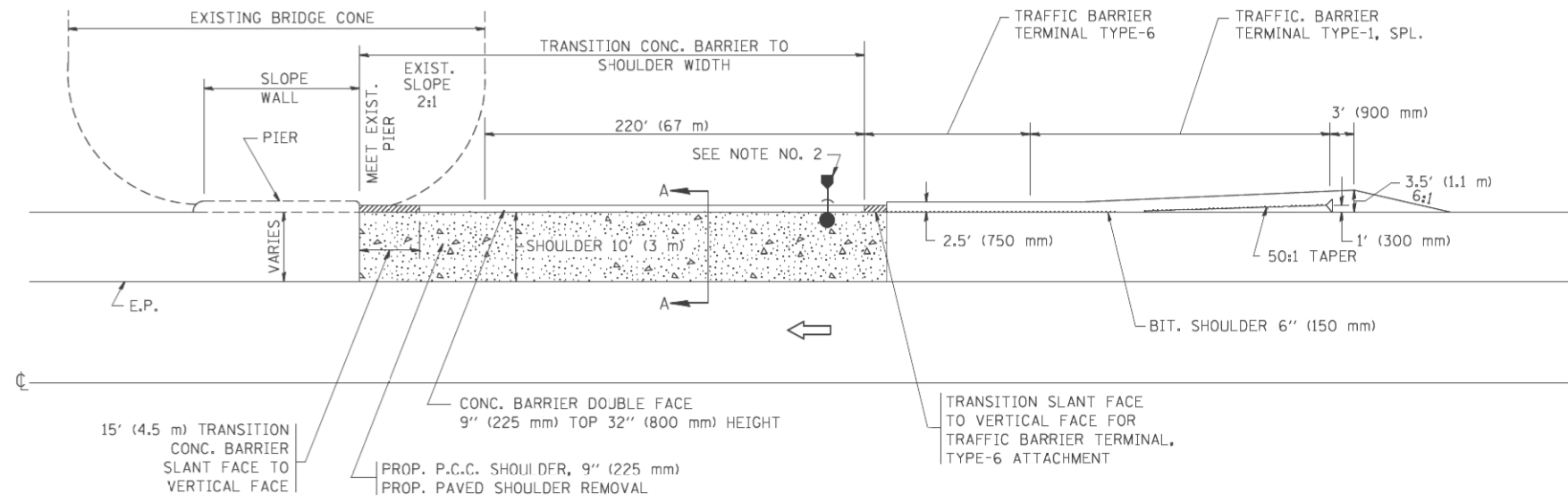
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		PLOT SCALE = 50.000' / IN.	REVISED - R. BORO 09-04-07
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

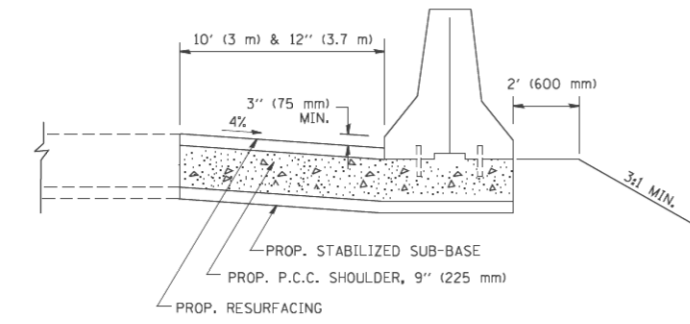
**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

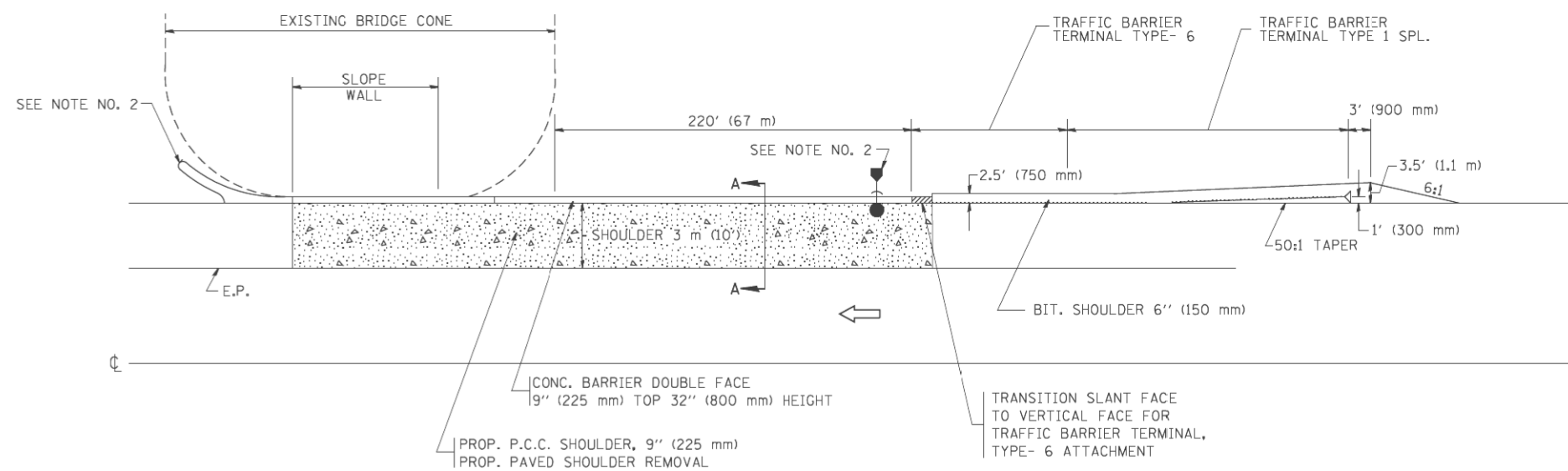
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330	2012-0881	COOK	152	141
BD400-04 (BD-22)			CONTRACT NO. 60W09	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CONC. BARRIER ADJACENT TO SLOPE WALL WITH PIER (DITCH SECTION)



SECTION A-A



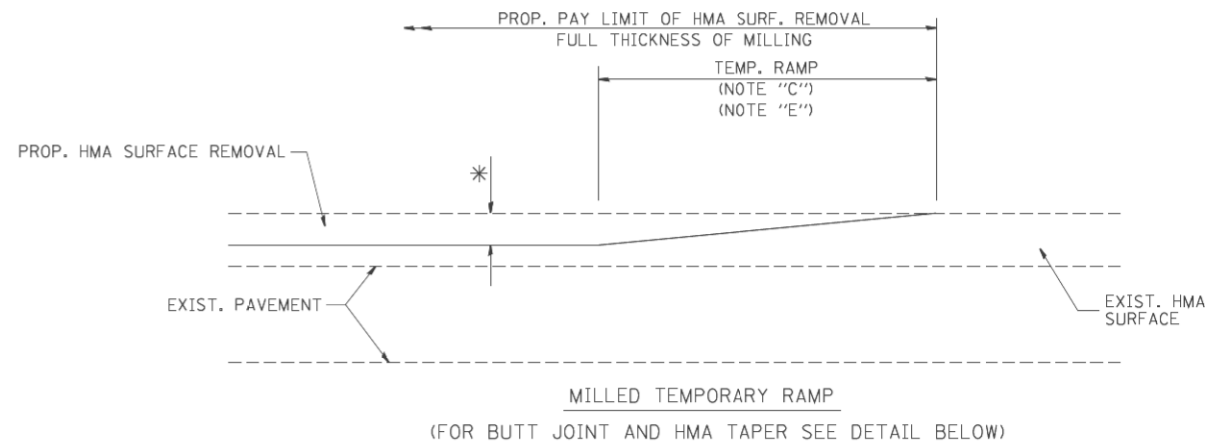
CONC. BARRIER ADJACENT TO SLOPE WALL WITHOUT PIER (DITCH SECTION)

NOTE:

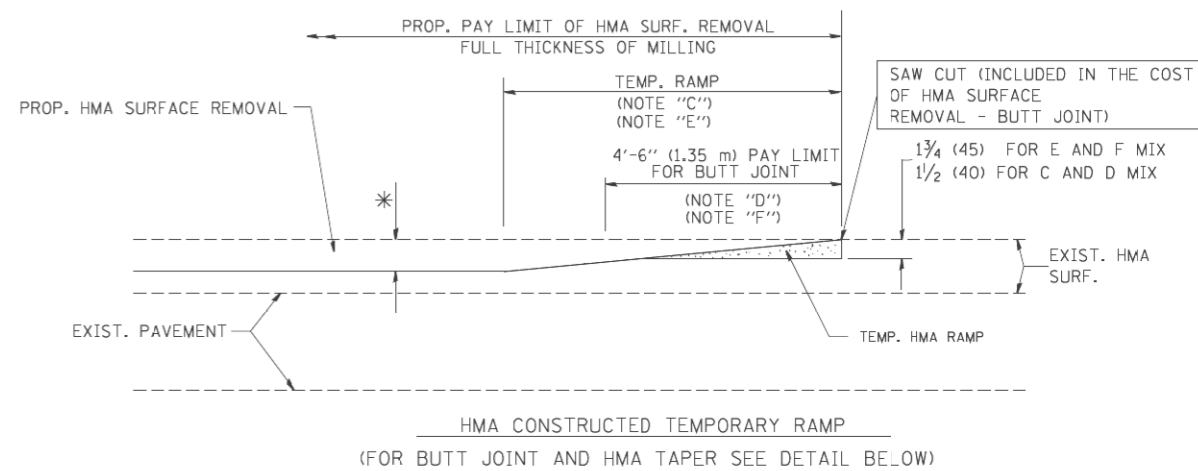
1. SEE STATE STANDARD 630201 FOR STABILIZATION FOR GUARDRAIL.
- *2. THE GUTTER OUTLET AND CATCH BASIN LOCATION IS DEPENDENT ON DIRECTION OF FLOW.
3. USE CONC. BARRIER SINGLE FACE IF CLEARANCE BETWEEN PIER AND SHOULDER IS LESS THAN 27" (685 mm).
4. SEE STATE STANDARD 637001 FOR CONCRETE BARRIER.

- CATCH BASIN TYPE C, TYPE 24 FRAME AND GRATE
- * STORM SEWERS, 12" (300 mm)
- END SECTIONS, 12" (300 mm)

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		CHECKED -	REVISED -				BD600-08 (BD29)		CONTRACT NO. 60W09		
		DATE - 10-18-02	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
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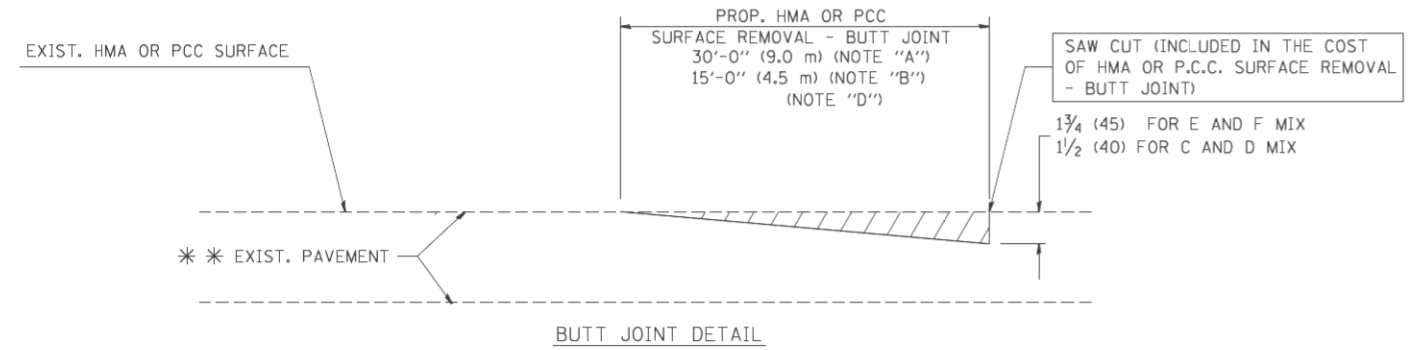


OPTION 1

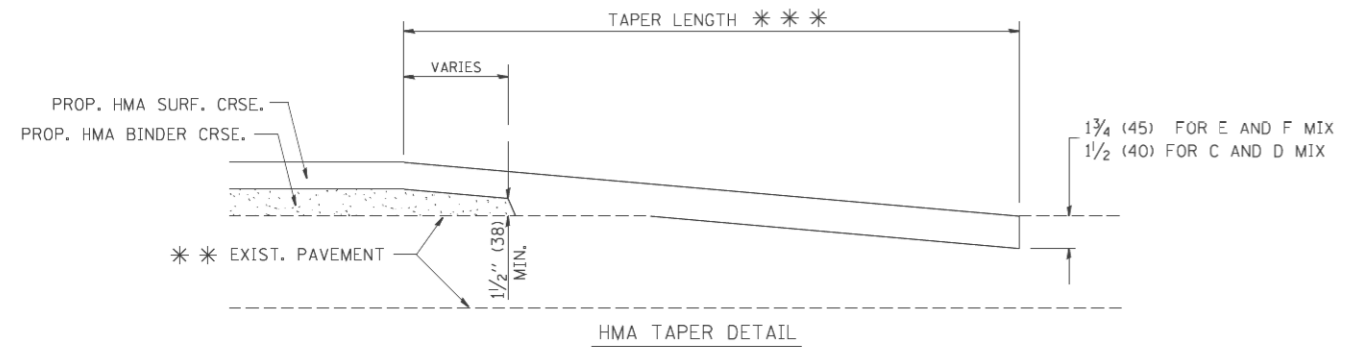


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

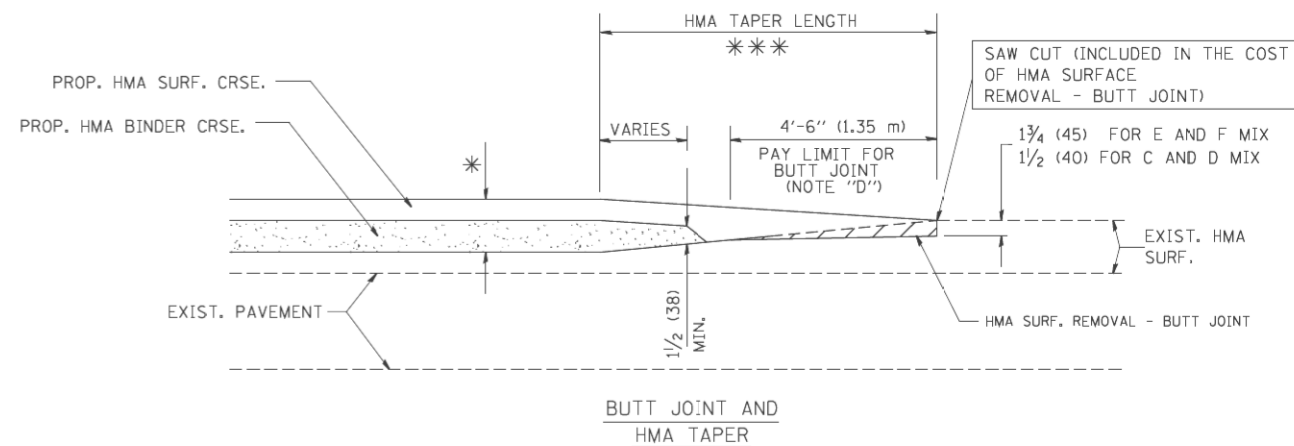
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

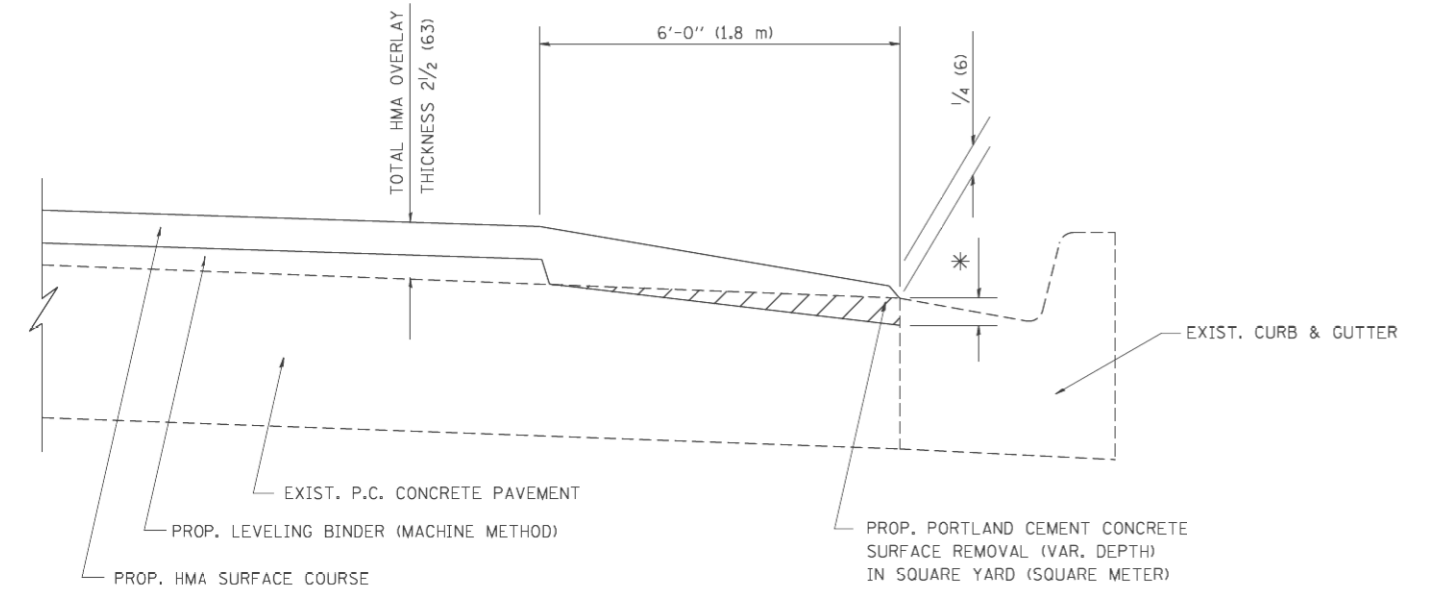
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	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 143
BD400-05 BD32			CONTRACT NO. 60W09	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



HMA TAPER AT
EDGE OF P.C.C. PAVEMENT

HMA SURFACE	THICKNESS	LEVELING BINDER THICKNESS	* MILLING AT GUTTER FLAG
C OR D	1 1/2 (38)	1 (25)	1/4 (33)
F	1 3/4 (44)	3/4 (19)	1/2 (38)

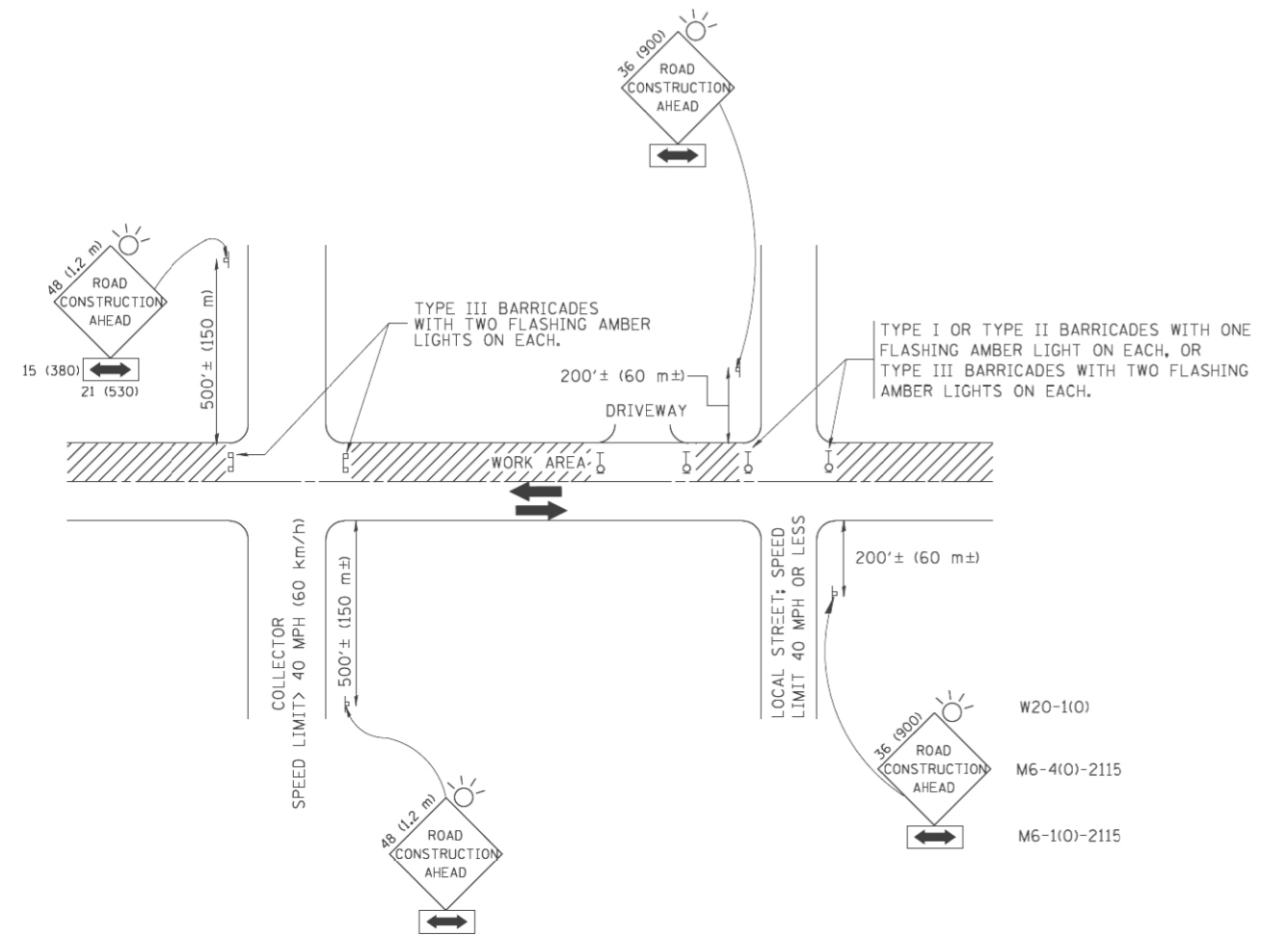
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	PLOT DATE = 1/4/2008	DATE - 09-10-94	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HMA TAPER AT EDGE OF P.C.C. PAVEMENT	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 144
BD400-06 (BD33)		CONTRACT NO. 60W09		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

 - C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
 - D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

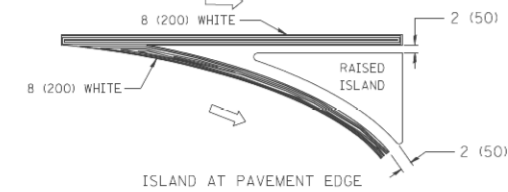
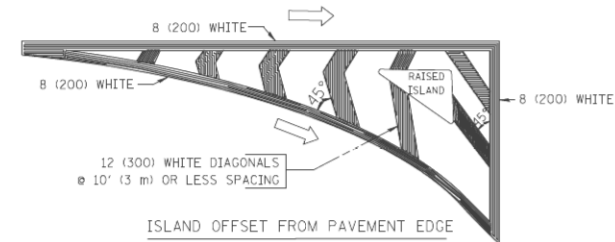
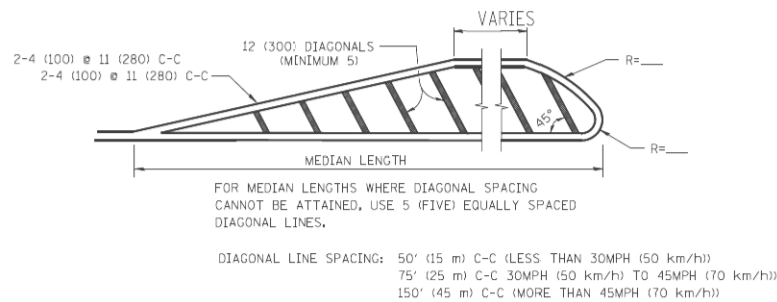
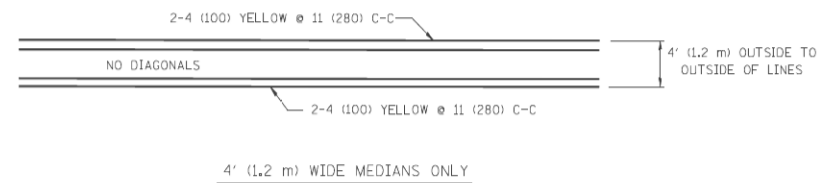
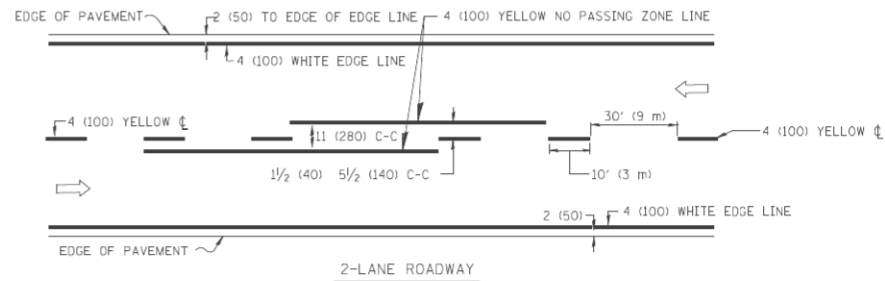
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	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACH 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

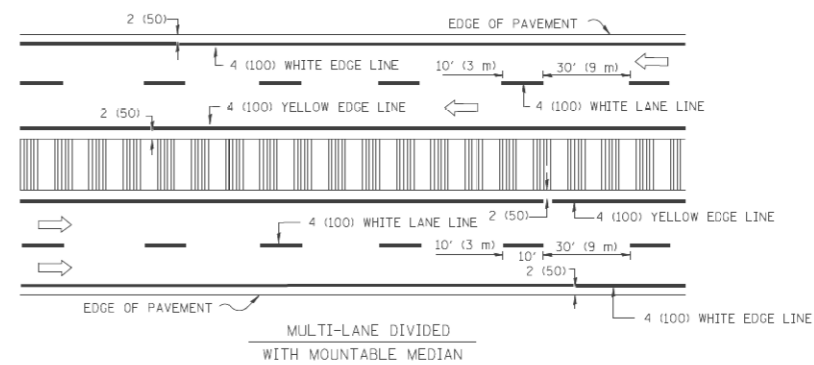
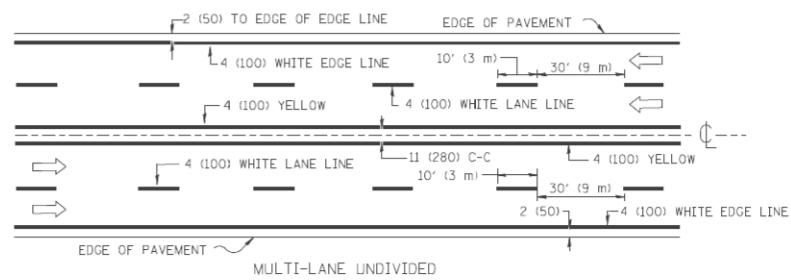
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	145
TC-10			CONTRACT NO. 60W09	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

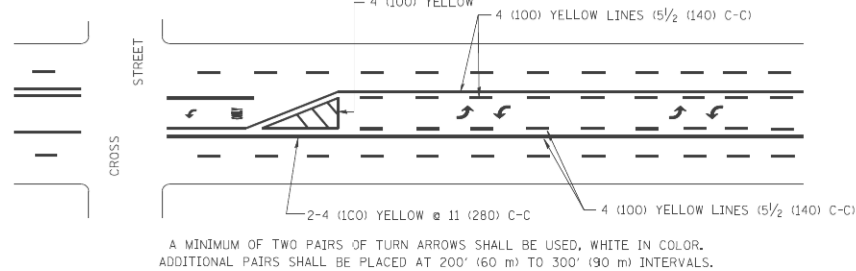


TYPICAL ISLAND MARKING



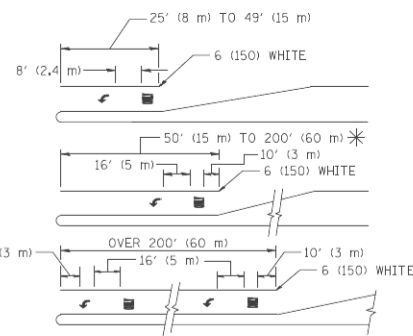
NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

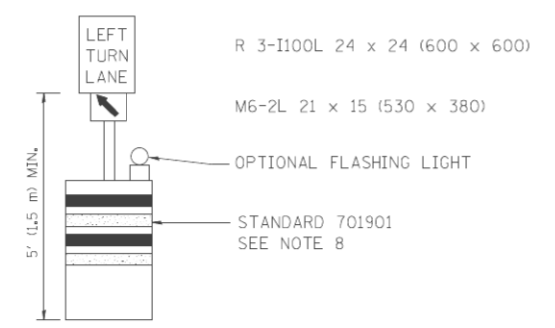
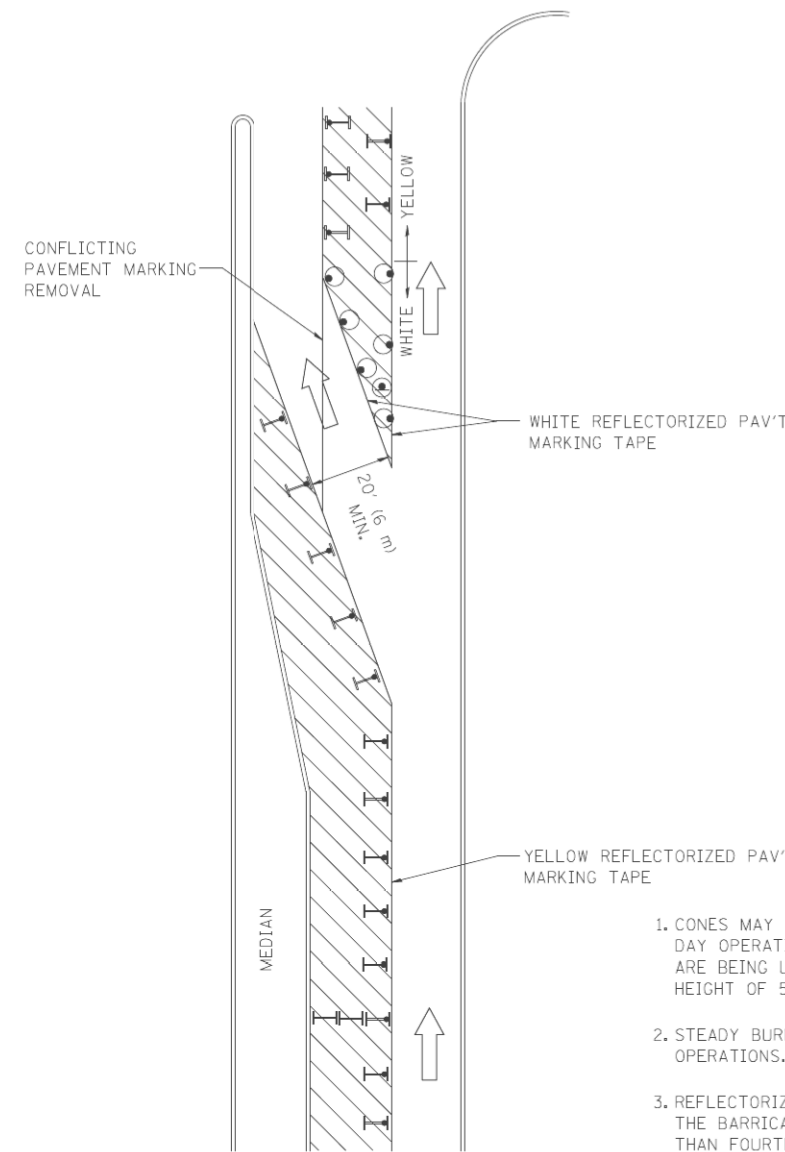
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.
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F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	146
TC-13			CONTRACT NO. 60W09	
FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT				

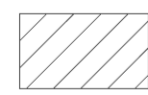







GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

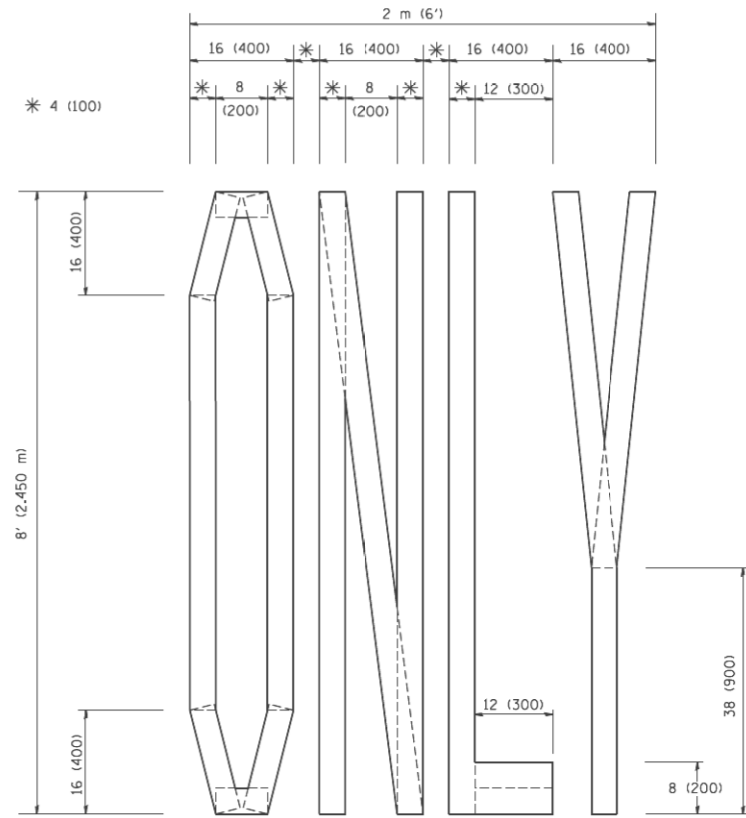
-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

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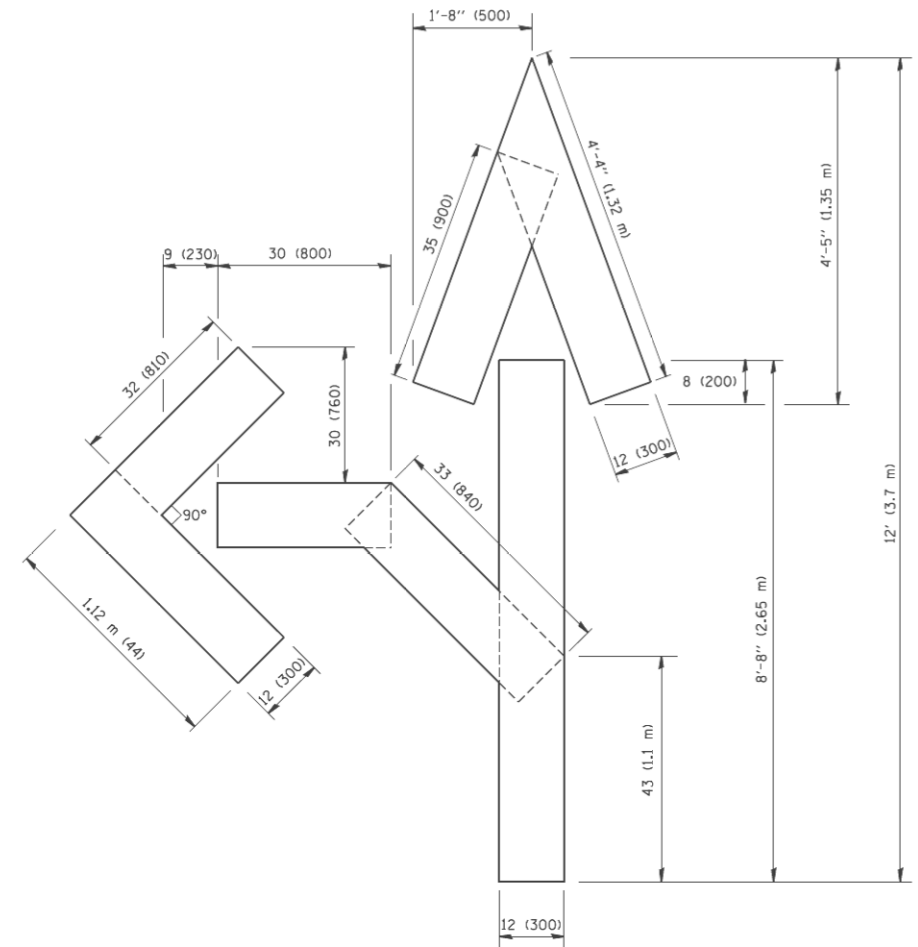
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

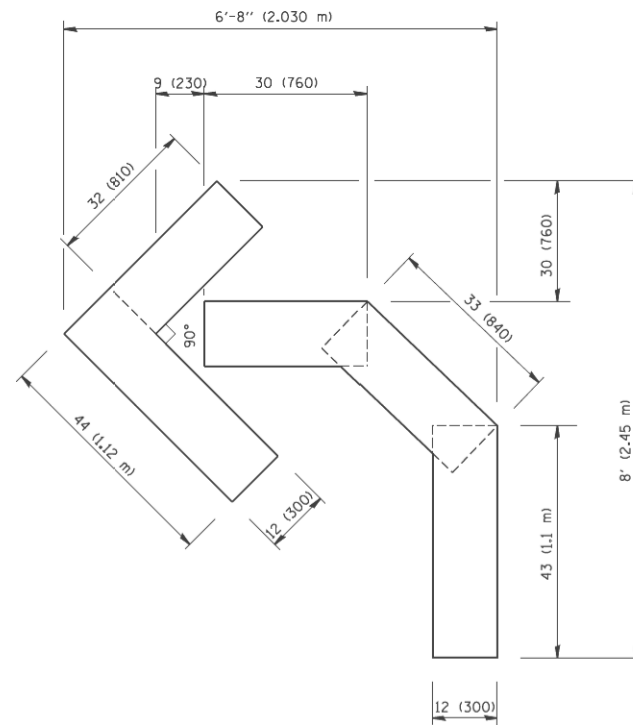
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	147
TC-14			CONTRACT NO. 60W09	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

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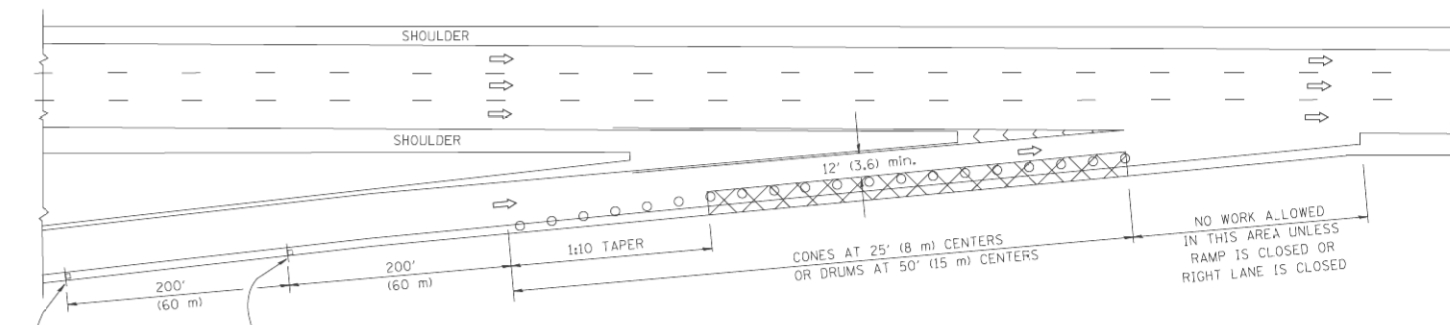
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING**

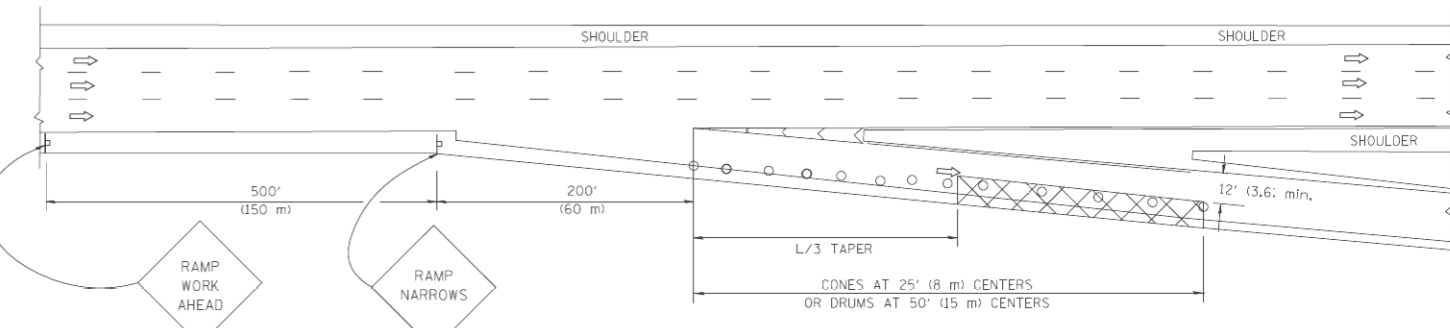
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F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 148
TC-16			CONTRACT NO. 60W09	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

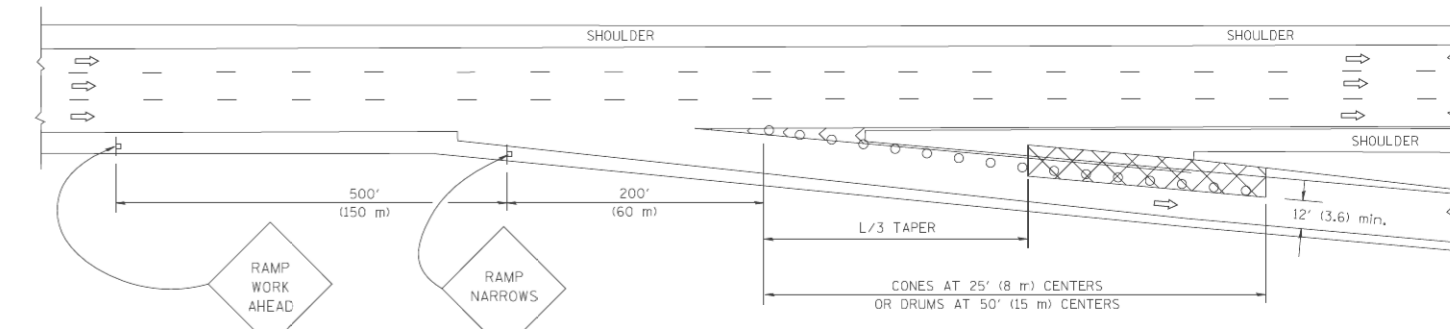
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

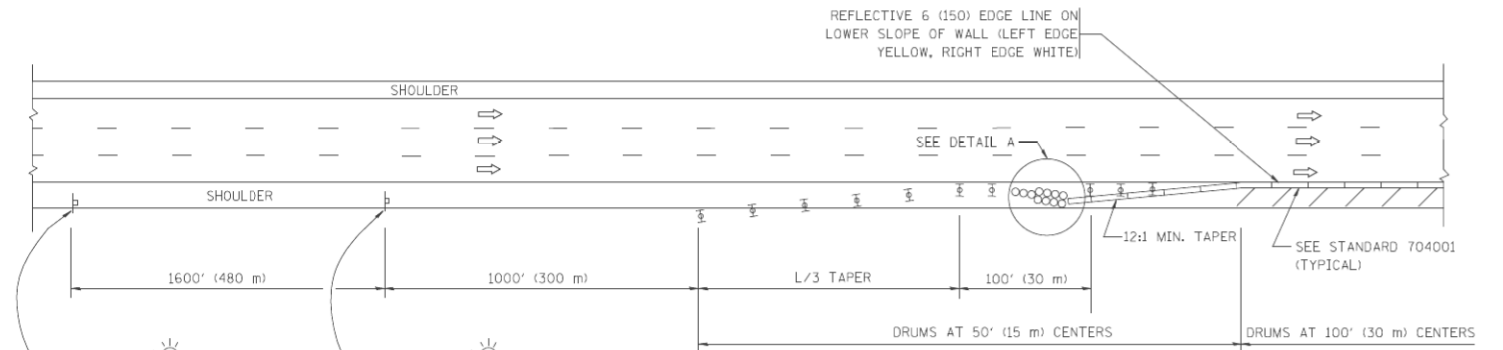
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

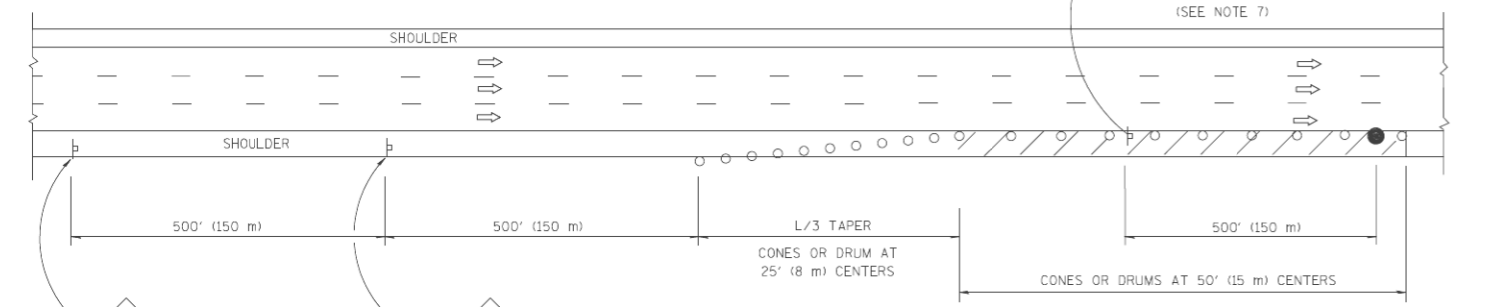
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH L=0.65(W/S) L=(W/S)
	W = WIDTH OF OFFSET IN FEET (METERS) S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

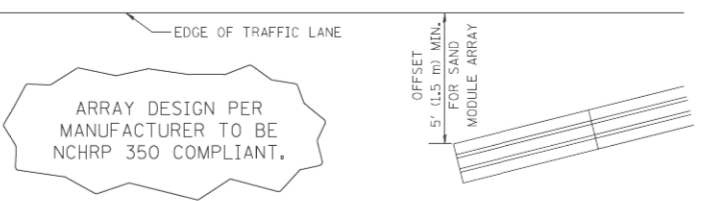
SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE



DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK ACTIVITY REQUIRES FREQUENT ENCRUSHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

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

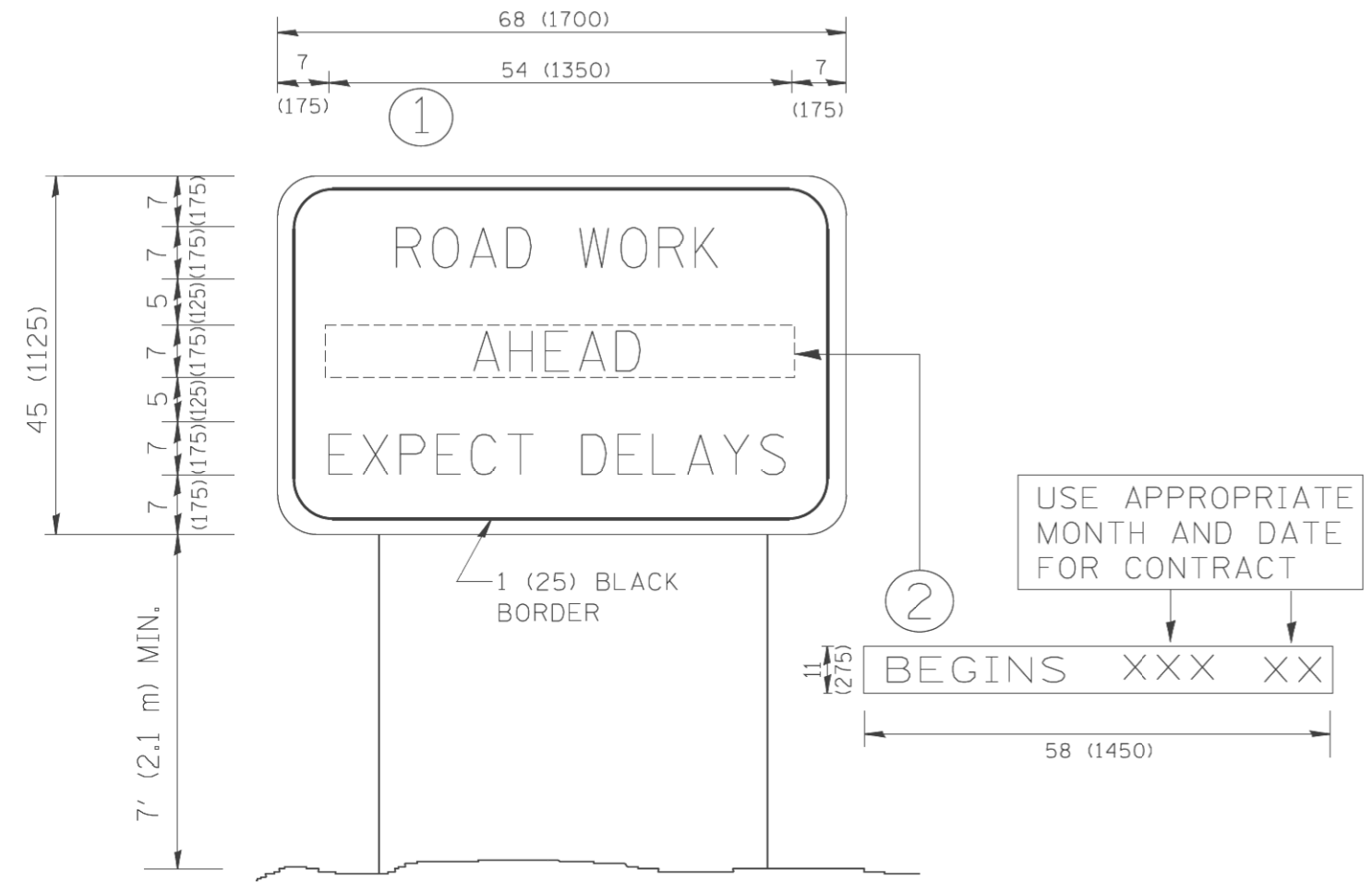
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		CHECKED -	REVISED - S.P.B. 01-07
		DATE - 11-96	REVISED - S.P.B. 12-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	149
TC-17			CONTRACT NO. 60W09	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

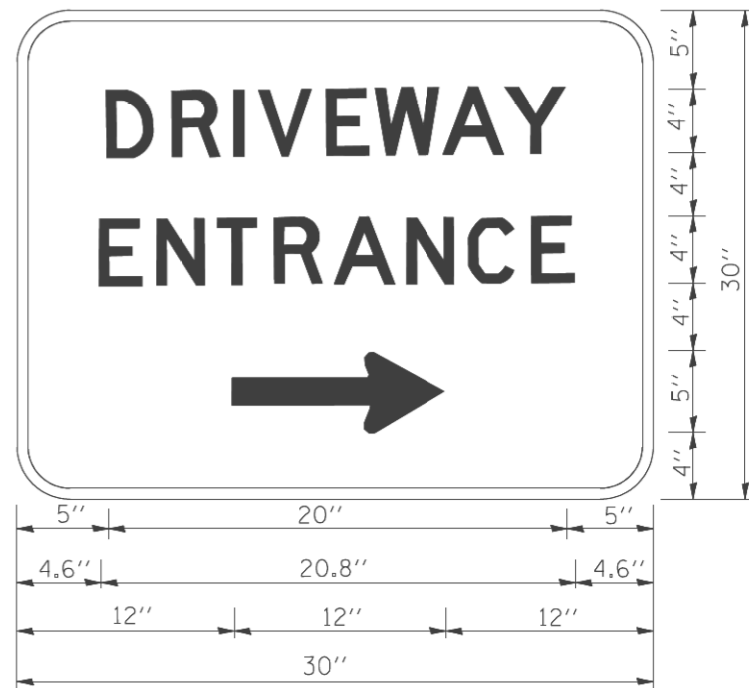
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2012-0881	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 151
TC-22			CONTRACT NO. 60W09	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-0881	COOK	152	152
TC-26			CONTRACT NO. 60W09	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				