

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	1
		ILLINOIS	CONTRACT NO. 63752	

INDEX OF SHEETS: 1-18-13 LETTING ITEM 116

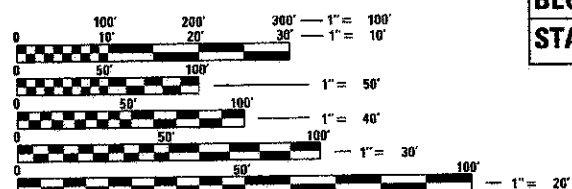
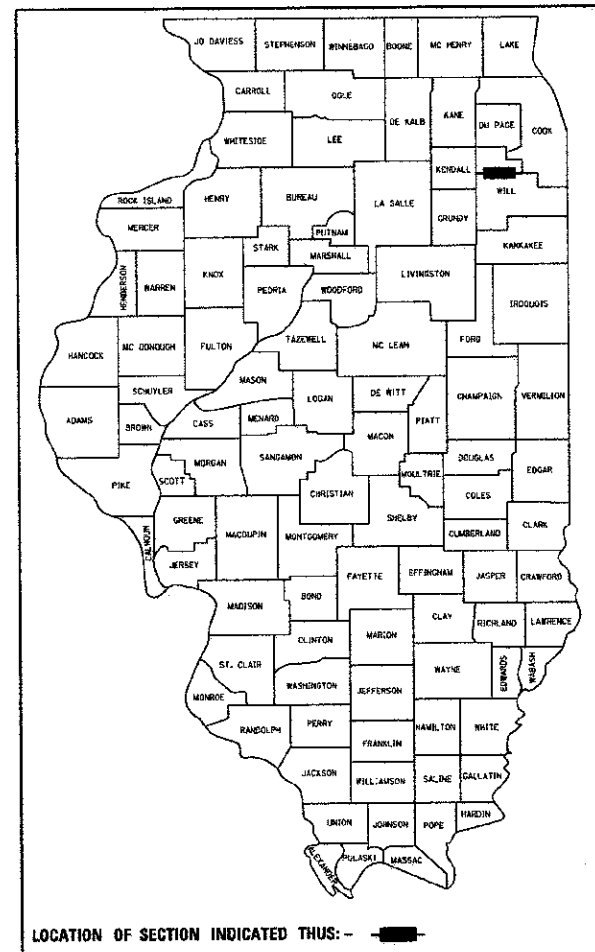
- 1 COVER SHEET
- 2 HIGHWAY STANDARDS LIST, UTILITY CONTACTS, AND GENERAL NOTES
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

FAU ROUTE 1600 (143RD STREET)
I-355 TO STATE STREET (LEMONT ROAD)
ROADWAY IMPROVEMENT
SECTION 06-00169-14-FP
PROJECT M-9003(021)
WILL COUNTY
C-91-403-08

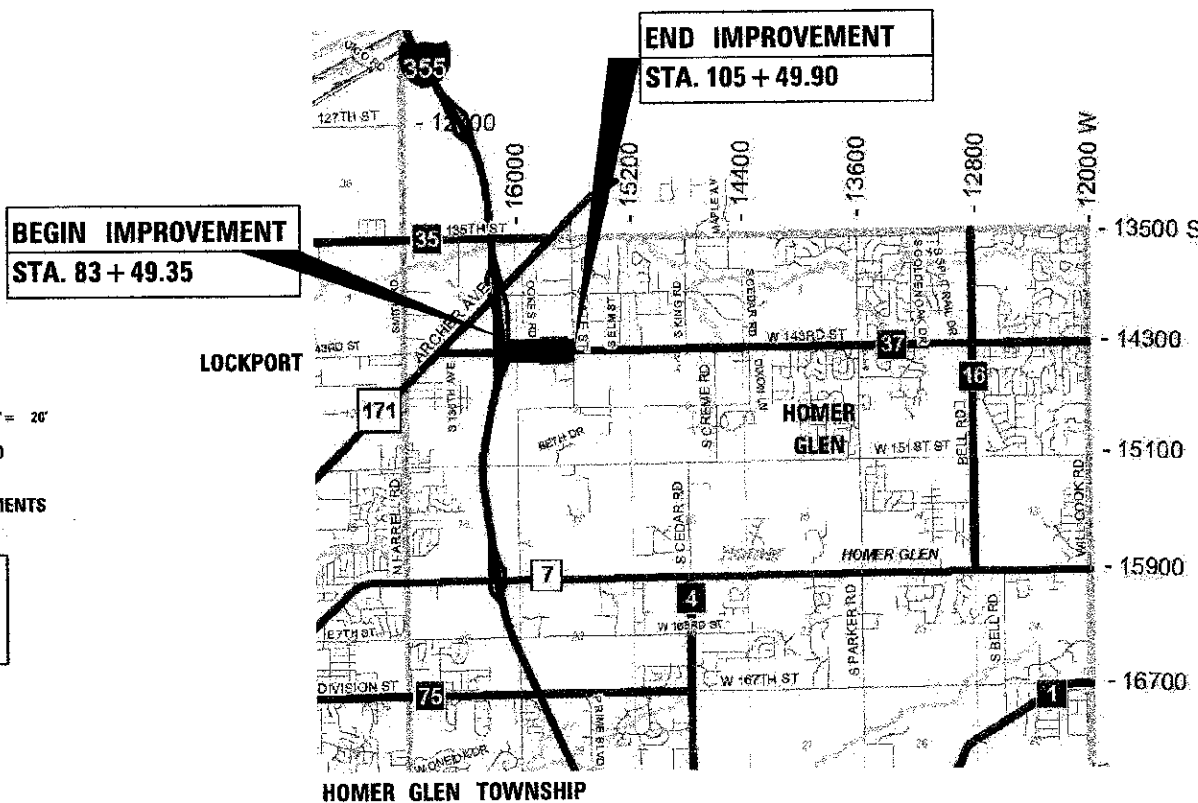
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2
FOR LIST OF DISTRICT ONE DETAILS, SEE SHEET NO. 2

DESIGN DESIGNATION 1880(30) ARTERIAL 3.03(FD-20)
FUNCTIONAL CLASSIFICATION
URBAN ARTERIAL
2030 ADT = 16,000
PV = 95.0% MU = 5.0%
POSTED SPEED = 45 MPH



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



GROSS LENGTH = 2200.00 FT. = 0.42 MILE
NET LENGTH = 2200.00 FT. = 0.42 MILE

TOWNSHIP 36N
RANGE 11E
SECTIONS 5 AND 8
3RD P.M.



Kery Polome 10/10/12
Expires 11/30/2013

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED October 2, 2012
[Signature]
WILL COUNTY ENGINEER

PASSED November 9, 2012
[Signature] C. HOLT
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW November 9, 2012
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

SEPSTEIN

800 W FULTON ST CHICAGO, ILLINOIS 60611 1259 TEL 312 454 9100 FAX 312 859 1217 WEB www.sepstein-ill.com

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OF THE STATE OF ILLINOIS**

PROGRAM AND OFFICE ENGINEER: CHARLES P. READE, P.E. (647) 205-4400, CHARLES@SEPSTEIN.COM

UTILITIES AND AGENCIES INVOLVED:

COMED
TOM MAHAR
1910 SOUTH BRIGGS STREET
JOLIET, IL 60433
815-724-5010
REGION SOUTHWEST

COMCAST CABLE
ROBERT L. SCHULTER, JR.
RIGHT-OF-WAY MANAGER
688 INDUSTRIAL DRIVE
ELMHURST, IL. 60126
630-600-6316

NICOR GAS
CONSTANCE (CONNIE) LANE,
ENGINEERING ADMINISTRATOR
P.O. BOX 190
AURORA, IL 60507
630-388-3830
ENGINEERING *SC8642

AT&T
STEVE PESOLA
AT&T LEGAL MANDATE
1000 COMMERCE DR
OAK BROOK, IL 60523
630-573-5703

WILL COUNTY
DEPARTMENT OF HIGHWAYS
16841 W. LARAWAY ROAD
JOLIET, IL 60433
JEFFREY RONALDSON, P.E.
815-727-8476

VILLAGE OF HOMER GLEN
AND HOMER TOWNSHIP
HIGHWAY DEPARTMENT
14400 W 151ST STREET
HOMER GLEN, IL 60491
MIKE DEVIVO
708-301-0246

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-04	GRATING FOR CONCRETE FLARED END SECTION
601001-04	SUB-SURFACE DRAINS
602001-02	CATCH BASIN TYPE A
602301-03	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602406-05	MANHOLE TYPE A, 6' DIAMETER
602411-03	MANHOLE TYPE A, 7' DIAMETER
602416-03	MANHOLE TYPE A, 8' DIAMETER
602421-03	MANHOLE TYPE A, 9' DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME & LIDS - TYPE 1
604036-02	GRATE TYPE 8
604091-02	FRAME AND GRATE TYPE 24
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
666001-01	RIGHT OF WAY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2 LANE, 2 WAY, MORE THAN 15' AWAY
701006-04	OFF-ROAD OPERATIONS, 2 LANE, 2 WAY, 15' TO 24" FROM PAVEMENT EDGE
701101-03	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701201-04	LANE CLOSURE, 2 LANE, 2 WAY, DAY ONLY, FOR SPEEDS >= 45MPH
701326-04	LANE CLOSURE, 2 LANE, 2 WAY, PAVEMENT WIDENING, FOR SPEEDS >= 45MPH
701602-06	URBAN LANE CLOSURE, MULTILANE, 2 WAY, WITH BIDIRECTIONAL LEFT TURN LANE
701606-08	URBAN LANE CLOSURE, MULTILANE, 2 WAY, WITH MOUNTABLE MEDIAN
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-03	TYPICAL PAVEMENT MARKINGS

DISTRICT ONE DETAILS


BD-7	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	PAVEMENT MARKINGS AND SYMBOLS FOR TRAFFICE STAGING.

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION (J.U.L.I.E.) AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- 10 FT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, WILL COUNTY, VILLAGE OF HOMER GLEN AND HOMER TOWNSHIP.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE, OR STORE EQUIPMENT/MATERIALS ON COUNTY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL ELEVATIONS REFER TO NAVD88 DATUM.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
- THE REMOVAL OF EXISTING CULVERTS AND ASSOCIATED END SECTIONS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL UTILIZE EXTREME CAUTION WHEN DIGGING ADJACENT TO EXISTING UTILITIES AND FACILITIES. UTILITY LOCATION INFORMATION SHOWN ON PLANS MAY NOT REFLECT RELOCATIONS REQUIRED FOR THIS PROJECT AND NEEDS TO BE FIELD VERIFIED PRIOR TO EXCAVATION OR CONSTRUCTION OF THE WORK.
- THE CONTRACTOR SHALL TAKE CARE TO MAINTAIN POSITIVE SEWER FLOW AT ALL TIMES.
- BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
- THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.5 GAL/YD2 FOR AGGREGATE BASES, 0.1 GAL/YD2 FOR SCARIFIED HMA AND 0.05 GAL/YD2 FOR NEW HMA BASES. ACTUAL RATES SHALL BE ACCORDING TO ARTICLE 406.05
- ALL EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED AND ADEQUATELY BACKFILLED (NO COLD PATCH) PRIOR TO PLACING THE ASPHALT LEVELING BINDER AND SURFACE COURSE.
- ALL POTHOLES AND OTHER AREAS NEEDING PATCHING IN THE EXISTING PAVEMENT MUST BE COMPLETED BY THE CONTRACTOR PRIOR TO PLACEMENT OF THE LEVELING BINDER.
- ALL COUNTY ROW MONUMENTATION (BOUNDARY CORNERS) SHALL BE ACCORDING TO ARTICLE 1.7.13 OF THE PERMIT REGULATIONS UTILIZING THE "WILL COUNTY DEPARTMENT OF HIGHWAYS (WCDH) MONUMENTATION STANDARD".
- EXCAVATION AND PAVEMENT WIDENING ON BOTH SIDES OF THE PAVEMENT AT ANY ONE LOCATION AT THE SAME TIME WILL NOT BE PERMITTED PER ARTICLE 701.08 OF THE IDOT SPECS.
- PORTABLE/CHANGEABLE ELECTRONIC MESSAGE BOARDS SHALL BE USED IN ADVANCE OF THE PROJECT AT THE BEGINNING AND END ACCORDING TO IDOT STANDARDS AND SHALL BE IN PLACE A MINIMUM OF ONE WEEK PRIOR TO COMMENCING THE WORK AND REMAIN THROUGHOUT THE ROADWAY CONSTRUCTION WORK.
- ALL CONSTRUCTION MATERIALS WITHIN THE COUNTY ROW MUST BE IDOT CERTIFIED. DOCUMENTATION OF MATERIAL CERTIFICATION SHALL BE SUBMITTED PRIOR TO WCDH APPROVAL. ALL CONSTRUCTION MATERIAL NEEDING INSPECTION SHALL BE DONE ACCORDING TO THE LATEST IDOT PROJECT AND PROCEDURES GUIDE.
- A PROOF ROLL OF THE SUBGRADE IS REQUIRED PRIOR TO PLACING THE AGGREGATE SUB-BASE AND MUST BE OBSERVED BY A CERTIFIED TESTING COMPANY. NOTIFY THE COUNTY PRIOR TO DOING THE PROOF ROLL.
- THE RESIDENT ENGINEER SHALL PROVIDE WCDH A LIST OF MATERIALS USED AND IDENTIFY THEIR ASSOCIATED IDOT CERTIFICATION, SHALL PROVIDE WCDH WITH A COPY OF ALL MATERIAL TESTING COMPANY RESULTS, SHALL SIGN AND PROVIDE WCDH ON A WEEKLY BASIS WEEKLY FIELD REPORTS UTILIZING THE APPROPRIATE IDOT FORM AND SHALL SUBMIT TO WCDH A CERTIFICATION LETTER THAT CERTIFIES COMPLIANCE WITH THE PLANS AND SPECIFICATIONS.
- RECORD DRAWINGS SHALL BE PREPARED IN ACCORDANCE WITH WCDH REQUIREMENTS AND SHALL BE SUBMITTED IN ELECTRONIC FORMAT.
- ALL CONSTRUCTION TO BE ACCORDING TO I.D.O.T. DESIGN AND STANDARD SPECIFICATIONS. MUST ADHERE TO THE WILL COUNTY DEPARTMENT OF HIGHWAYS PERMIT REGULATIONS AND ACCESS CONTROL REGULATIONS, AND SHALL FOLLOW THE LATEST WILL COUNTY STORM WATER MANAGEMENT ORDINANCE AND WILL COUNTY WATER RESOURCE ORDINANCE AT ALL TIMES.
- FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.


24. SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS LISTED IN SECTION 440 OF THE STANDARD SPECIFICATIONS, SHOWN IN THE PLANS, AND AS DIRECTED BY THE ENGINEER. THE COST OF SAW CUTTING WILL BE INCLUDED IN THE UNIT BID PRICES FOR THE ITEMS BEING REMOVED.

25. THE CONTRACTOR IS REQUIRED TO COMPLY WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT NO. ILR 10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) FOR STORMWATER DISCHARGES AND CONSTRUCTION SITE ACTIVITIES.

FILE NAME =	DESIGNED - MC	REVISED -	 800 WILSON ST CHICAGO, ILLINOIS 60611-1351 TEL 312 491 9100 FAX 312 491 9197 WEB www.sepstein.com	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			HIGHWAY STANDARDS LIST, UTILITY CONTACTS AND GENERAL NOTES					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\w11co-9185689-sh1802-gennote.dgn	DRAWN - AP	REVISED -					SCALE: N/A	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	1600	06-00169-14-FP	WILL	55
PLOT TIME = 11/3/2008 AM	CHECKED - GAO	REVISED -		CONTRACT NO. 63752												
PLOT DATE = 11/5/2012	DATE - 11/6/2012	REVISED -	ILLINOIS FED. AID PROJECT													

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				RECONSTRUCTION	TRAINEES				
				CAPACITY ADDED	CAPACITY ADDED				
				0003	0042				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	698	698					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	330	330					
• 20101200	TREE ROOT PRUNING	EACH	7	7					
• 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	4	4					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	4,727	4,727					
20400800	FURNISHED EXCAVATION	CU YD	170	170					
20800150	TRENCH BACKFILL	CU YD	3,782	3,782					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	6,218	6,218					
25000210	SEEDING, CLASS 2A	ACRE	1.50	1.50					
25000350	SEEDING, CLASS 7	ACRE	1.50	1.50					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	116	116					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	116	116					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	116	116					
25100630	EROSION CONTROL BLANKET	SQ YD	6,218	6,218					

• DENOTES SPECIALTY ITEM

FILE NAME =	DESIGNED - MC	REVISED -	 800 WILSON ST CHICAGO, ILLINOIS 60611-1226 TEL: 312 465 9100 FAX: 312 368 1217 WWW.SEPSTEIN.COM	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES SCALE: N/A SHEET NO. 1 OF 8 SHEETS STA. N/A TO STA. N/A	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\h11co-9185609-sh1893-5001.dgn	DRAWN - AP	REVISED -				1600	06-00169-14-FP	WILL	55	3
PLOT TIME = 3:43:28 PM	CHECKED - GAO	REVISED -				CONTRACT NO. 63752				
PLOT DATE = 11/5/2012	DATE - 11/6/2012	REVISED -	ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				RECONSTRUCTION	TRAINEEES					
				CAPACITY ADDED	CAPACITY ADDED					
				0003	0042					
28000305	TEMPORARY DITCH CHECKS	FOOT	100	100						
28000400	PERIMETER EROSION BARRIER	FOOT	4,365	4,365						
28000500	INLET AND PIPE PROTECTION	EACH	26	26						
28000510	INLET FILTERS	EACH	45	45						
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,455	1,455						
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	13,415	13,415						
35600730	HOT-MIX ASPHALT BASE COURSE WIDENING, 13 1/2"	SO YD	172	172						
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	9,708	9,708						
40600300	AGGREGATE (PRIME COAT)	TON	18	18						
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	306	306						
40600895	CONSTRUCTING TEST STRIP	EACH	4	4						
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	333	333						
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	190	190						
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	408	408						

FILE NAME = ..._M11Co-9185629-sh004-S002.dgn
PLOT TIME = 5:19:04 PM
PLOT DATE = 9/25/2012

DESIGNED - MC
DRAWN - AP
CHECKED - GAO
DATE - 9/28/2012

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REVISED -
REVISED -
REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 2 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	4
			CONTRACT NO. 63752	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				RECONSTRUCTION	TRAINEEES				
				CAPACITY ADDED	CAPACITY ADDED				
				0003	0042				
40701951	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 1/2"	SO YD	12,256	12,256					
44000100	PAVEMENT REMOVAL	SO YD	5,245	5,245					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	3,635	3,635					
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	1,595	1,595					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,338	1,338					
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	42	42					
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2,892	2,892					
50105220	PIPE CULVERT REMOVAL	FOOT	69	69					
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	158	158					
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2					
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6	6					
54216200	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 12" RISER	EACH	1	1					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	197	197					
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	165	165					

FILE NAME = ...\\w11c-9185629-sh1005-5003.dgn
PLOT TIME = 6:49:06 PM
PLOT DATE = 9/25/2012

DESIGNED - MC	REVISED -
DRAWN - AP	REVISED -
CHECKED - GAO	REVISED -
DATE - 9/28/2012	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 3 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 5
CONTRACT NO. 63752				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				RECONSTRUCTION	TRAINEEES				
				CAPACITY ADDED	CAPACITY ADDED				
				0003	0042				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	590	590					
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	150	150					
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,300	1,300					
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	519	519					
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	267	267					
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	697	697					
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	142	142					
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	497	497					
55100500	STORM SEWER REMOVAL 12"	FOOT	562	562					
55100700	STORM SEWER REMOVAL 15"	FOOT	19	19					
55101100	STORM SEWER REMOVAL 21"	FOOT	823	823					
55101200	STORM SEWER REMOVAL 24"	FOOT	68	68					
55101600	STORM SEWER REMOVAL 36"	FOOT	72	72					
55101900	STORM SEWER REMOVAL 48"	FOOT	554	554					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				RECONSTRUCTION	TRAINEEES					
				CAPACITY ADDED	CAPACITY ADDED					
				0003	0042					
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	102	102						
60107600	PIPE UNDERDRAINS 4"	FOOT	420	420						
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	6						
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	4	4						
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4						
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9						
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6						
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60224448	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 8 GRATE	EACH	1	1						
60224458	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 8 GRATE	EACH	1	1						
60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2						
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1	1						
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	1						
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	23	23						

FILE NAME = ...\\M:\ICa-9185689-sh\007-5005.dgn
 PLOT TIME = 5:49:18 PM
 PLOT DATE = 9/25/2012

DESIGNED - MC
 DRAWN - AP
 CHECKED - GAO
 DATE - 9/28/2012

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES
 SCALE: N/A SHEET NO. 5 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.J. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 7
CONTRACT NO. 63752			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				RECONSTRUCTION	TRAINEES		
				CAPACITY ADDED	CAPACITY ADDED		
				0003	0042		
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1			
60500040	REMOVING MANHOLES	EACH	11	11			
60500050	REMOVING CATCH BASINS	EACH	17	17			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4,371.5	4,371.5			
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5	5			
67100100	MOBILIZATION	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60	60			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	9	9			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,201	1,201			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	15,404	15,404			
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	3,294	3,294			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5,135	5,135			
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2			
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3			

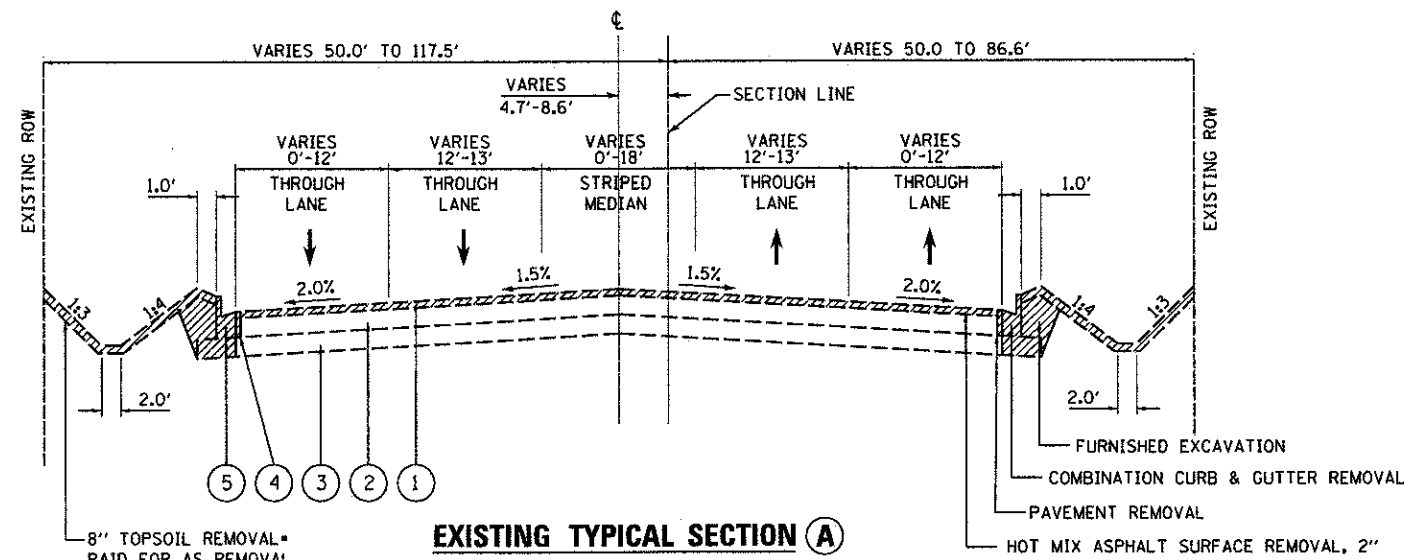
• DENOTES SPECIALTY ITEM

FILE NAME =	DESIGNED - MC	REVISED -	 <small>800 WILSON ST. CHICAGO, ILLINOIS 60611-1228 TEL: 312 464 9100 FAX: 312 668 1917 WEB: www.sepstein.com</small>	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...\\villco-9185689-sh1008-5006.dgn	DRAWN - AP	REVISED -						1600	06-00169-14-FP	WILL	55	8	
PLOT TIME = 3:44:07 PM	CHECKED - GAO	REVISED -			SCALE: N/A			SHEET NO. 6 OF 8 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 63752		
PLOT DATE = 11/5/2012	DATE - 11/6/2012	REVISED -			ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				RECONSTRUCTION	TRAINEES					
				CAPACITY ADDED	CAPACITY ADDED					
				0003	0042					
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1						
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	46	46						
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15,532	15,532						
• 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	136	136						
• 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,211	1,211						
78008210	<i>Polynex Pavement Marking, Type 1 - Line 4"</i>	<i>Foot</i>	<i>105</i>	<i>105</i>						
• 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	184	184						
78100105	<i>Raised Reflective Pavement Marker (Bridge)</i>	<i>Each</i>	<i>10</i>	<i>10</i>						
78300100	PAVEMENT MARKING REMOVAL	SQ FT	3,094	3,094						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	96	96						
X2800520	ABOVE GRADE INLET FILTERS	EACH	1	1						
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	17	17						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1						
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	36	36						
Z0062456	TEMPORARY PAVEMENT	SQ YD	757	757						

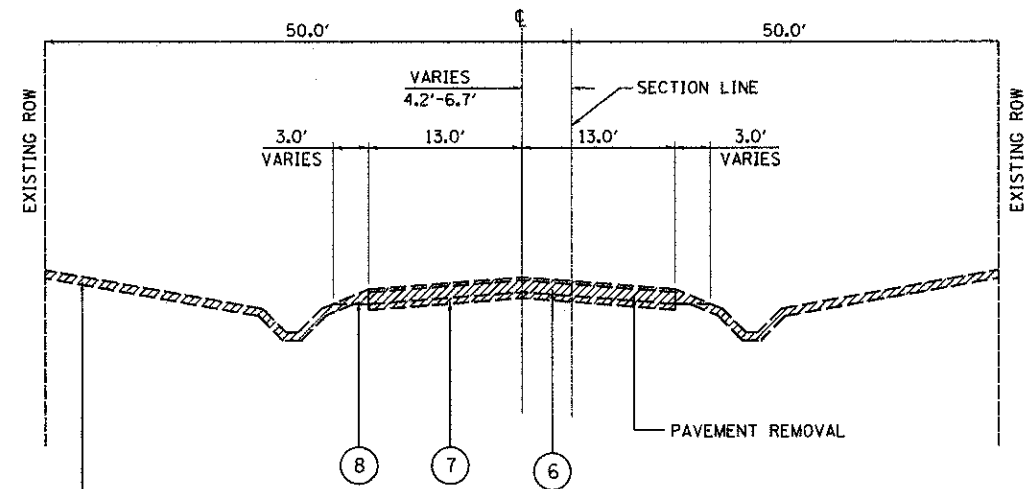
• DENOTES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				RECONSTRUCTION	TRAINEES						
				CAPACITY ADDED	CAPACITY ADDED						
				0003	0042						
Z0076600	TRAINEES	HOUR	1,000		1,000						
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000		1,000						



EXISTING TYPICAL SECTION A
 STA 83+49.35 TO 90+71.00, 143RD STREET

• SEE EARTHWORK SCHEDULE FOR ESTIMATED TOPSOIL QUANTITY



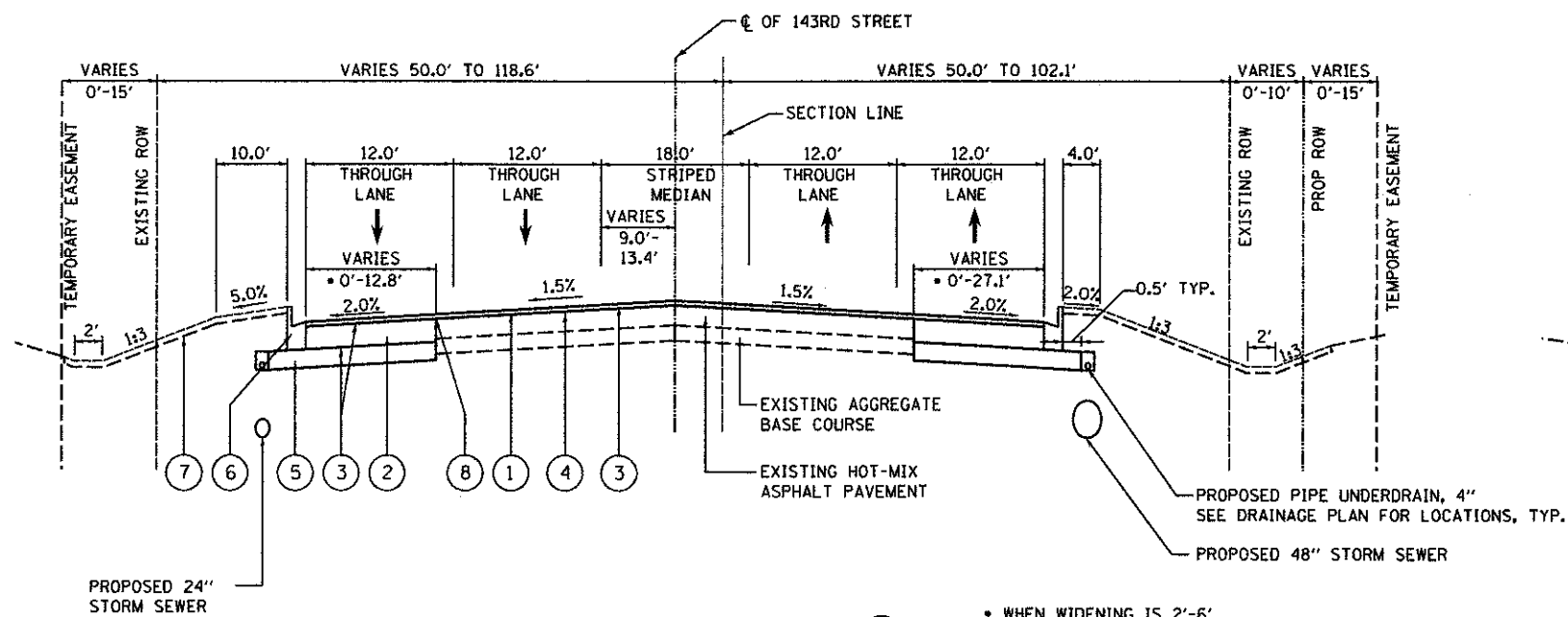
EXISTING TYPICAL SECTION B
 STA 90+71.00 TO 105+49.90, 143RD STREET

• SEE EARTHWORK SCHEDULE FOR ESTIMATED TOPSOIL QUANTITY

LEGEND

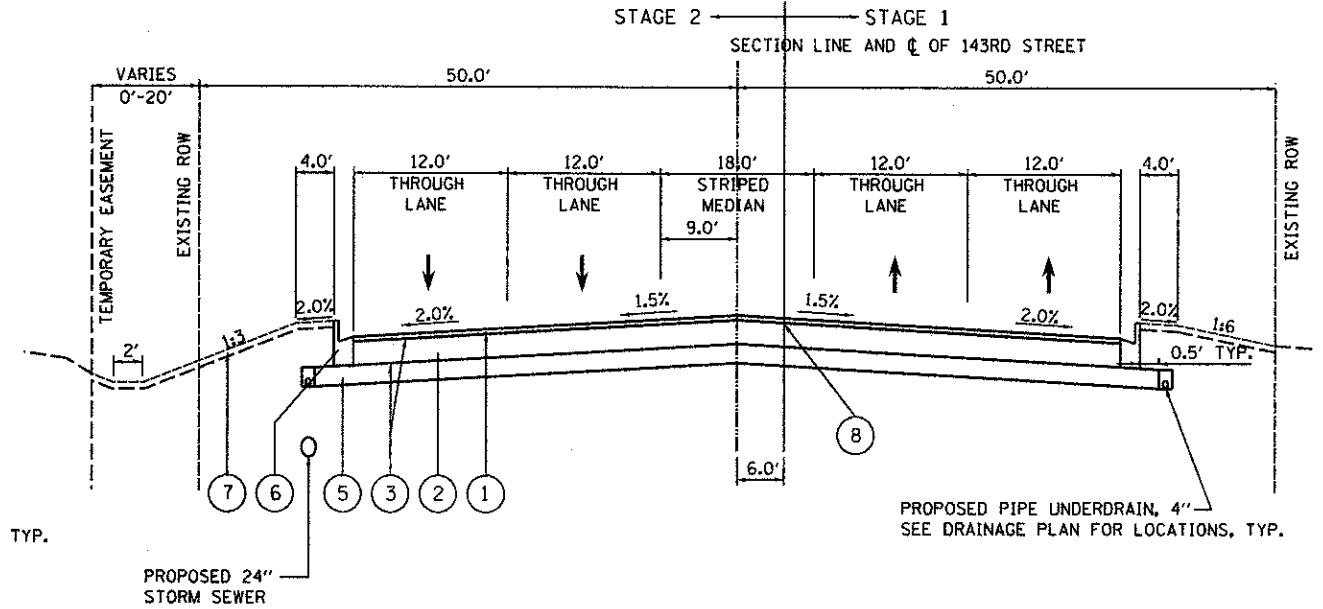
- ① HMA SURFACE COURSE REMOVAL, 2"
- ② HMA BINDER COURSE, 12"
- ③ AGGREGATE SUB-BASE COURSE, 12"
- ④ FULL-DEPTH SAWCUT 6" IN FROM EDGE, WIDENING AREAS ONLY (INCLUDED IN COST OF PAVEMENT REMOVAL)
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 REMOVAL
- ⑥ 8" PCC PAVEMENT WITH VARIOUS HOT-MIX ASPHALT OVERLAYS TOTTALLING 14.5" REMOVAL
- ⑦ AGGREGATE BASE, 6"
- ⑧ AGGREGATE SHOULDER

FILE NAME =	DESIGNED - MC	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS		F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\w11co-9185609-ah011-typico1x.dgn	DRAWN - AP	REVISED -					1600	06-00169-14-FP	WILL	55	11
PLOT TIME = 5:49:18 PM	CHECKED - GAO	REVISED -					CONTRACT NO. 63752				
PLOT DATE = 9/25/2012	DATE - 9/28/2012	REVISED -			SCALE: N.T.S.	SHEET NO. 1 OF 2 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT		



PROPOSED TYPICAL SECTION ①
 STA 83+49.35 TO 90+71.00, 143RD STREET
 FROM STA 83+49.35 TO 85+86.17
 THE ϕ OF CONSTRUCTION TRANSITIONS
 TO THE ϕ 143RD STREET

- WHEN WIDENING IS 2'-6"
 USE HOT MIX ASPHALT BASE
 COURSE WIDENING, 11.5".
 WHEN WIDENING IS LESS THAN 2'
 USE A 2' SAWCUT. WIDENING
 SHOULD BE A MINIMUM OF 2' FOR
 COMPACTION.



PROPOSED TYPICAL SECTION ②
 STA 90+71.00 TO 105+49.90, 143RD STREET

LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② HOT-MIX ASPHALT BASE COURSE, 11.5"
- ③ BITUMINOUS MATERIALS (PRIME COAT)
- ④ LEVELING BINDER (MACHINE METHOD) N70
- ⑤ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑥ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑦ TOP SOIL FURNISH AND PLACE, 4"
- ⑧ STRIP REFLECTIVE CRACK CONTROL TREATMENT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm) 2"	4% @ 70 GYR.
LEVELING BINDER (MACHINE METHOD), N70, (IL-9.5mm) 3/4" MINIMUM	4% @ 70 GYR.
FULL DEPTH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19 mm, N70, 11.5" (3 LIFTS)	N/A
BASE COURSE WIDENING, PAVEMENT WIDENING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 mm) 2"	4% @ 70 GYR.
LEVELING BINDER (MACHINE METHOD), N70, (IL-9.5 mm) 3/4" MINIMUM	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19 mm, N70, 11.5" (3 LIFTS)	N/A
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm) 13" (3 LIFTS)	4% @ 70 GYR.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5 mm) 2 1/2"	4% @ 50 GYR.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT BINDER COURSE, IL-19 mm, N50, 9"	4% @ 50 GYR.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22". UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. WHEN RAP EXCEEDS 20% THE AC SHALL BE PG 58-22. HOWEVER, WHEN RAP EXCEEDS 20% AND IS USED IN FULL DEPTH HMA PAVEMENT THE AC SHALL BE PG 58-28.
3. FOR PERCENT OF RAP SEE SPECIAL PROVISIONS.

FILE NAME =	DESIGNED - MC	REVISED -
...\\11Co-9185609-sh012-typrcp.dgn	DRAWN - AP	REVISED -
PLOT TIME = 11:48:29 AM	CHECKED - GAO	REVISED -
PLOT DATE = 11/5/2012	DATE - 11/6/2012	REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	12
			CONTRACT NO. 63752	
ILLINOIS FED. AID PROJECT				

Table with 6 columns: LOCATION, DESCRIPTION, TEMP DITCH CHECKS (FOOT), INLET PIPE PROT (EACH), INLET FILTERS (EACH), ABOVE GRADE INLET FILTERS (EACH). Rows include station numbers and descriptions like 'EXISTING INLET', 'PROPOSED DITCH', etc. Totals row at bottom: 100, 26, 45, 1.

Table with 6 columns: LOCATION, EMBANKMENT, EMBANKMENT ADJUSTED FOR SHRINKAGE (15%), SUITABLE CUT, 8" TOPSOIL EXCAVATION (REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL), BALANCE (EMBANKMENT MINUS SUITABLE CUT). Includes 'TOTALS' and 'ITEM 20400800 FURNISHED EXCAVATION' with value 167.

Table titled 'TREE REMOVAL (TABLE 1)' with 3 columns: STATION, SIDE, DIAMETER (UNITS). Lists stations from 91+80.27 to 104+82.47. Includes 'TOTAL 513' and a note '* MULTIPLE STEM'.

Table titled 'TREE REMOVAL (TABLE 2)' with 3 columns: STATION, SIDE, DIAMETER (UNITS). Lists stations from 104+82.81 to 106+15.19. Includes 'TOTAL 515' and a note '* MULTIPLE STEM'.

Table titled 'STORM SEWER REMOVAL' with columns for DOWNSTREAM STRUCTURE and PIPE REMOVAL (LF) for 12", 15", 21", 24", 36", 48", 38"x24" pipes. Includes 'TRENCH BACKFILL' column. Totals row: 562, 19, 823, 68, 72, 554, 69, 2531.58.

Table titled 'TREE ROOT PRUNING' with 2 columns: LOCATION, TOTALS. Lists stations from 94+37 to 99+96. Totals: 6.

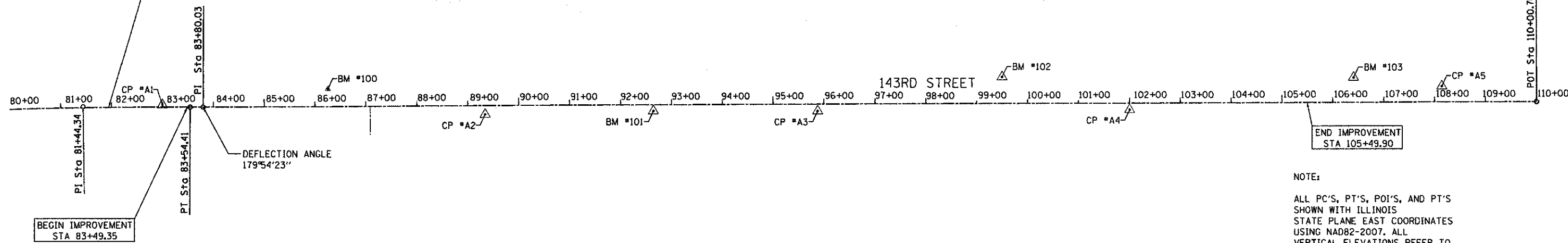
Table titled 'PIPE UNDERDRAINS 4"' with columns: STRUCTURE, STATION, SIDE, OFFSET (FT), LENGTH (FT). Lists structures from [7] to [55]. Total length: 420'.

Table titled 'PATCHING' with columns: STATION, DESCRIPTION, LENGTH X WIDTH, CLASS D TYPE II 13" (SQ YD). Lists patching for stations 86+61 and 90+31. Total: 41.33.

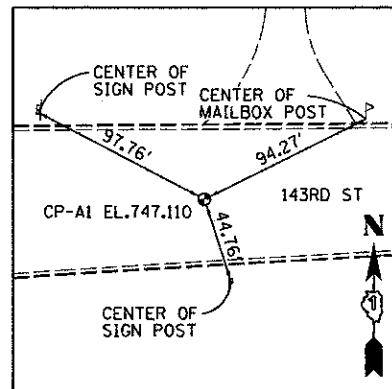
Table titled 'ENTRANCES' with columns: LOCATION, DRIVEWAY PAVEMENT REMOVAL (SQ YD), WIDTH, AREA (SQ YD), AGGREGATE SUBGRADE, 12" (SQ YD), HMA SURF N50 2 1/2" (TON), BIT MATL PR CT (GAL), AGG PR CT (TON), TEMP ACCESS PRIVATE ENTRANCE (EACH), TRENCH BACKFILL (CU YD). Includes 'TOTALS' row.

PROP. CURVE ALIGNMENT 02
 PI STA. = 81+44.34
 $\Delta = 2^\circ 06' 03''$ (RT)
 $D = 0^\circ 30' 00''$
 $R = 11,459.13'$
 $T = 210.11'$
 $L = 420.18'$
 $E = 1.93'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA. = 79+34.23
 P.T. STA. = 83+54.41

ALIGNMENT COORDINATES - 143RD STREET			
	STATION	NORTH	EAST
PI	81+44.34	1806964.64	1072889.50
PT	83+54.41	1806970.73	1073099.53
PI	83+80.03	1806971.47	1073125.14
POT	110+00.70	1807068.47	1075744.02



NOTE:
 ALL PC'S, PT'S, POI'S, AND PT'S SHOWN WITH ILLINOIS STATE PLANE EAST COORDINATES USING NAD82-2007. ALL VERTICAL ELEVATIONS REFER TO NAVD88.



CONTROL POINT #A1

SET MAG NAIL IN THE C OF PAINTED MEDIAN OF 143RD STREET OPPOSITE THE WESTERLY EDGE OF THE ENTRANCE TO RESIDENCE #16030

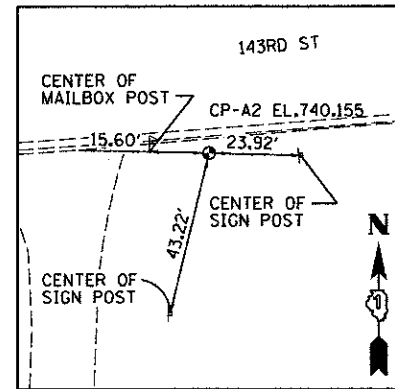
STA. 82+99.71, 04.35' LT
 N 1806973.369
 E 1073044.725
 ELEV. 747.110

BENCHMARK #100

ELEV. 740.972

CUT SQUARE ON NORTHERLY BACK OF CURB OF 143RD STREET AT MAILBOX OF RESIDENCE #15936

STA. 86+25.40, 34.54' LT
 N 1807015.071
 E 1073369.065



CONTROL POINT #A2

SET 3/4" IRON ROD ±4' SOUTH OF SOUTHERLY BACK OF CURB OF 143RD STREET, ±35' EAST OF THE C DRIVEWAY TO RESIDENCE #15907

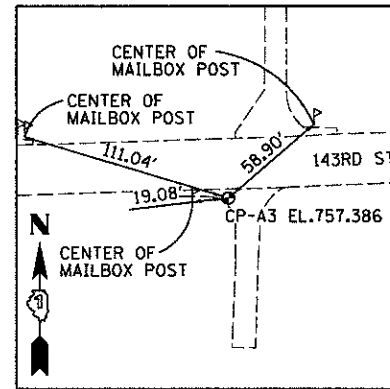
STA. 89+34.14, 17.55' RT
 N 1806974.448
 E 1073679.518
 ELEV. 740.155

BENCHMARK #101

ELEV. 748.260

SET 5/8" IRON ROD WITH CAP ±2' SOUTH OF THE SOUTHERLY EDGE OF PAVEMENT OF 143RD STREET, ±185' WEST OF THE C OF THE ENTRANCE TO RESIDENCE #15824 (GATED)

STA. 92+64.56, 12.26' RT
 N 1806991.962
 E 1074009.518



CONTROL POINT #A3

SET MAG NAIL ±18' SOUTH OF THE C OF 143RD STREET, ±10' WEST OF THE C OF THE ENTRANCE TO RESIDENCE #15821

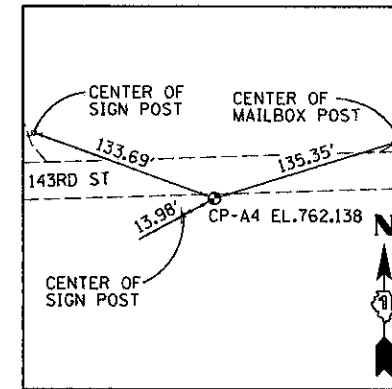
STA. 95+87.74, 13.88' RT
 N 1807002.303
 E 1074332.539
 ELEV. 757.386

BENCHMARK #102

ELEV. 760.585

FOUND RAILROAD SPIKE IN SOUTH FACE OF UTILITY POLE ON THE NORTH RIGHT-OF-WAY LINE OF 143RD STREET, OPPOSITE THE MAILBOX FOR RESIDENCE #15732

STA. 99+50.08, 51.90' LT
 N 1807081.444
 E 1074692.192



CONTROL POINT #A4

SET 3/4" IRON ROD WITH CAP ±2' SOUTH OF EDGE OF PAVEMENT OF 143RD STREET, ±150' WEST OF THE C OF THE ENTRANCE TO RESIDENCE # 15700

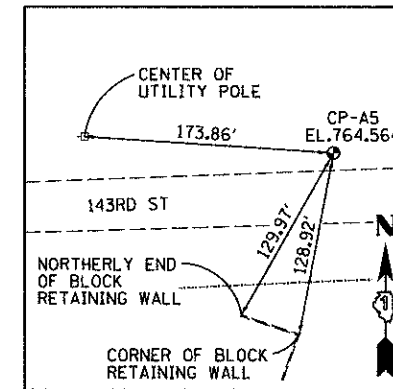
STA. 102+0.31, 13.10' RT
 N 1807025.760
 E 1074944.654
 ELEV. 762.138

BENCHMARK #103

ELEV. 764.275

SET RAILROAD SPIKE IN SOUTHERLY FACE OF THIRD UTILITY POLE WEST OF THE INTERSECTION OF STATE ST AND LEMONT RD, ON THE NORTH RIGHT-OF-WAY LINE OF 143RD STREET

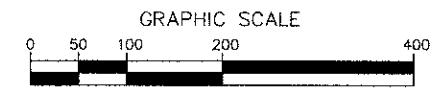
STA. 106+41.18, 48.76' LT
 N 1807103.892
 E 1075382.932



CONTROL POINT #A5

SET 3/4" IRON ROD WITH CAP ±30' NORTH OF THE C OF 143RD STREET, OPPOSITE THE SECOND UTILITY POLE WEST OF THE INTERSECTION OF STATE ST AND LEMONT RD

STA. 108+14.30, 30.99' LT
 N 1807092.542
 E 1075556.589
 ELEV. 764.564



SCALE: 1"=100'

FILE NAME : ...\\w111co-9185609-sh1014-ABT.dgn	DESIGNED - MC	REVISED -	 600 W. FULTON ST. CHICAGO, ILLINOIS 60611-1250 TEL: 312-466-9100 FAX: 312-566-1217 WEB: www.sepstein.com	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS SCALE: 1" = 100' SHEET NO. 1 OF 1 SHEETS STA. 80+00.00 TO STA. 110+00.00	F.A.U. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 14
PLOT TIME : 5/4/25 PM	DRAWN - AP	REVISED -				CONTRACT NO. 63752				
PLOT DATE : 9/26/2012	CHECKED - GAO	REVISED -				ILLINOIS FED. AID PROJECT				
	DATE - 9/28/2012	REVISED -								

PRE-STAGE

1. CONSTRUCT TEMPORARY PAVEMENT WIDENING ADJACENT TO EXISTING NORTH EOP FROM STA. 90+70 TO 105+78.
2. COMPLETE THE NORTH SIDE EROSION CONTROL MEASURES.
3. COMPLETE THE NORTH STORM SEWER SYSTEM. USE DAILY SINGLE LANE CLOSURES TO INSTALL DRAINAGE ACROSS 143RD STREET. EMBANKMENT SHALL BE CONSTRUCTED ACCORDING TO ART. 542.04 (b) AS REQUIRED.
4. UTILIZE IDOT STANDARD 701326 FOR TEMPORARY LANE CLOSURE AND TEMPORARY PAVEMENT WIDENING.

STAGE 1

1. REMOVE EXISTING PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS IN CONFLICT WITH TEMPORARY STRIPING.
2. COMPLETE EROSION CONTROL, INCLUDING SILT FENCE INSTALLATIONS, INLET PROTECTION, AND SEDIMENT CONTROL MEASURES.
3. COMPLETE THE SOUTH STORM SEWER SYSTEM.
4. COMPLETE WIDENING AND RECONSTRUCTION OF THE SOUTH HALF OF 143RD STREET, EXCEPT SURFACE COURSE.
5. COMPLETE DRIVEWAY RECONSTRUCTION, MAILBOX RELOCATION AND GRADING AND FINAL RESTORATION OF THE SOUTH HALF OF 143RD STREET.

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ANY DROP OFF GREATER THAN THREE INCHES WITHIN EIGHT FEET OF THE PAVEMENT EDGE, SHALL BE PROTECTED BY TYPE II BARRICADES (OR DRUMS) EQUIPPED WITH MONO- DIRECTIONAL STEADY-BURN LIGHTS SPACED AT 25 FOOT CENTERS. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF THE IDOT HIGHWAY STANDARD.
2. ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.
3. PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
4. IDOT TRAFFIC CONTROL STANDARDS LISTED BY REFERENCE ON THE SHEET 2 SHALL BE USED AS GUIDES IN IMPLEMENTING THE TRAFFIC CONTROL, INCLUDING SIGN LOCATIONS, FOR THIS PROJECT.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES DURING CONSTRUCTION OPERATIONS.
6. DEPICTED TRAFFIC CONTROL IS A MINIMUM REQUIREMENT, AND OTHER WORK OR SIGNING MAY BE REQUIRED AS PER THE INSTRUCTION OF THE ENGINEER IN CHARGE. THE COST INCURRED TO COMPLY WILL BE INCLUDED IN THE PAY ITEMS "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
7. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE NAMES AND PHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE PRIOR TO THE START OF WORK.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD LOCATION OF ALL DETOUR AND CONSTRUCTION SIGNING. THE CONTRACTOR MAY REQUEST THE ENGINEER TO FIELD VERIFY THE POSITIONS OF ANY SIGNS.
9. TWO-WAY TRAFFIC WILL BE MAINTAINED ON 143RD STREET AT ALL TIMES.
10. ONE ADVANCED CLOSURE SIGN (CHANGEABLE MESSAGE SIGN) SHALL BE ERECTED AT EACH PROJECT LIMIT OR AS DIRECTED BY THE ENGINEER AT LEAST 7 DAYS PRIOR TO START OF WORK AND SHALL REMAIN IN PLACE THROUGHOUT THE TERM OF ROADWAY CONSTRUCTION.
11. THE CONTRACTOR SHALL CONTACT THE WILL COUNTY DEPARTMENT OF HIGHWAYS 2 WORKING DAYS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
12. WORKERS SIGNS (W21-10(0)-4B) SHALL BE TAKEN DOWN OR COVERED AT THE END OF EACH WORKING DAY.

STAGE 1A

1. USE DAILY SINGLE LANE CLOSURES TO REMOVE 2 INCH SURFACE COURSE FOR THOSE AREAS THAT WILL BE OPEN TO TRAFFIC IN STAGE 2 AT WEST END.

STAGE 2

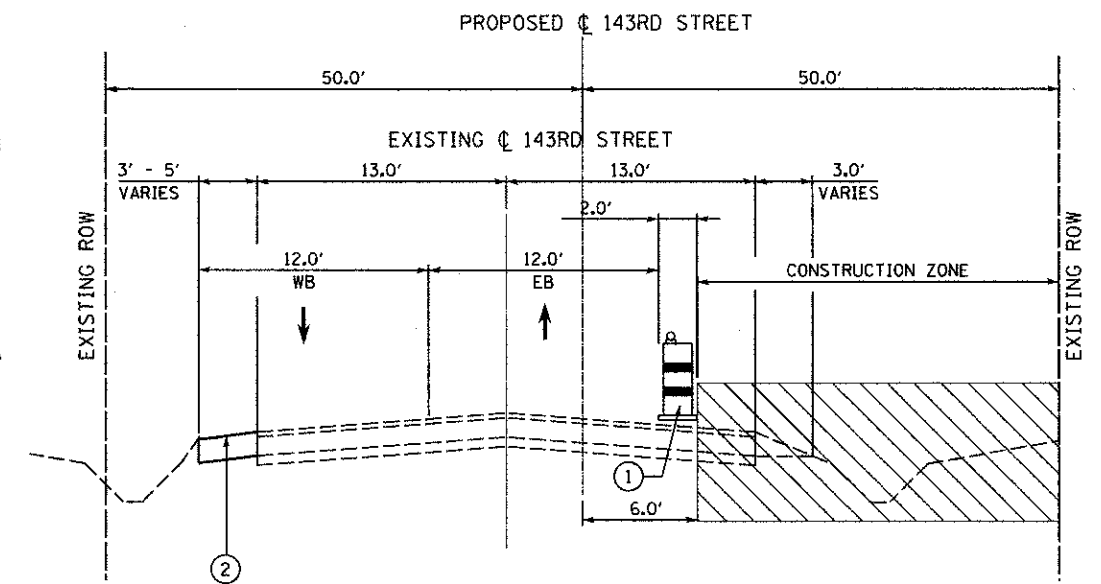
1. REMOVE EXISTING PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS IN CONFLICT WITH TEMPORARY STRIPING.
2. INSTALL ANY NEW EROSION CONTROL, INCLUDING SILT FENCE INSTALLATIONS, INLET PROTECTION, AND SEDIMENT CONTROL MEASURES.
3. COMPLETE WIDENING AND RECONSTRUCTION OF THE NORTH HALF OF 143RD STREET, EXCEPT SURFACE COURSE.
4. COMPLETE DRIVEWAY RECONSTRUCTION, MAILBOX RELOCATION AND GRADING AND FINAL RESTORATION OF THE NORTH HALF OF 143RD STREET.

STAGE 3

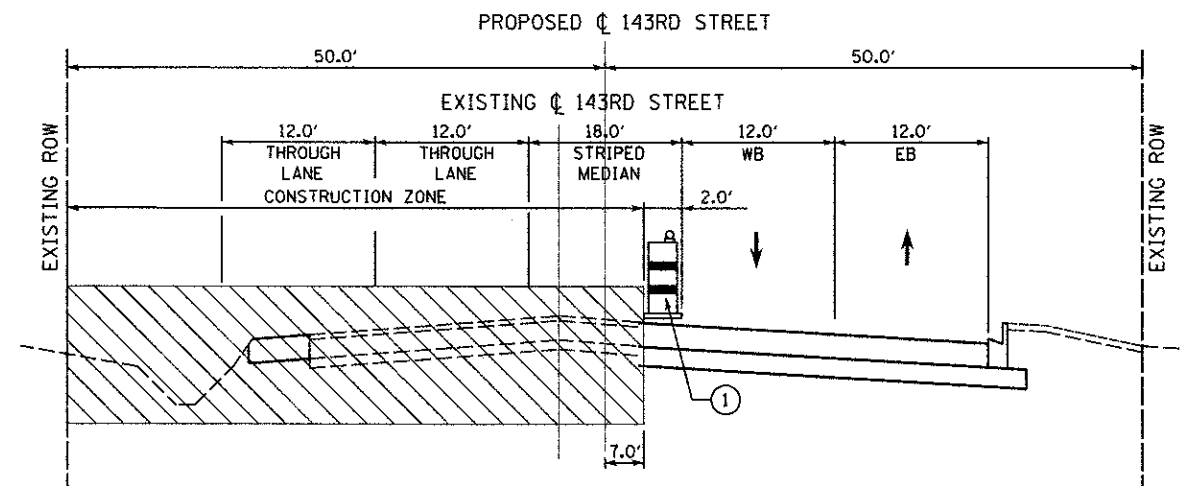
1. UTILIZE SHORT-TERM PAVEMENT MARKING TO DESIGNATE THE MEDIAN AND LANE LINES FROM STA 83+49 TO 102+80.
2. CONSTRUCT TEMPORARY PAVEMENT WIDENING ADJACENT TO EXISTING NORTH AND SOUTH EOP FROM STA 105+50 TO 107+30
3. COMPLETE RECONSTRUCTION OF CENTER TRIANGLE AT EAST END THAT WAS INACCESSIBLE IN STAGE 1 AND 2.

STAGE 3A

1. INSTALL MINIMUM 2 UNEVEN LANE SIGNS IN EACH DIRECTION.
2. UTILIZE IDOT STANDARD 701201 TO COMPLETE HMA SURFACE COURSE ACCORDING TO CHECK SHEET #14.
3. INSTALL PERMANENT STRIPING/SIGNING.



STAGING SECTION - STAGE 1



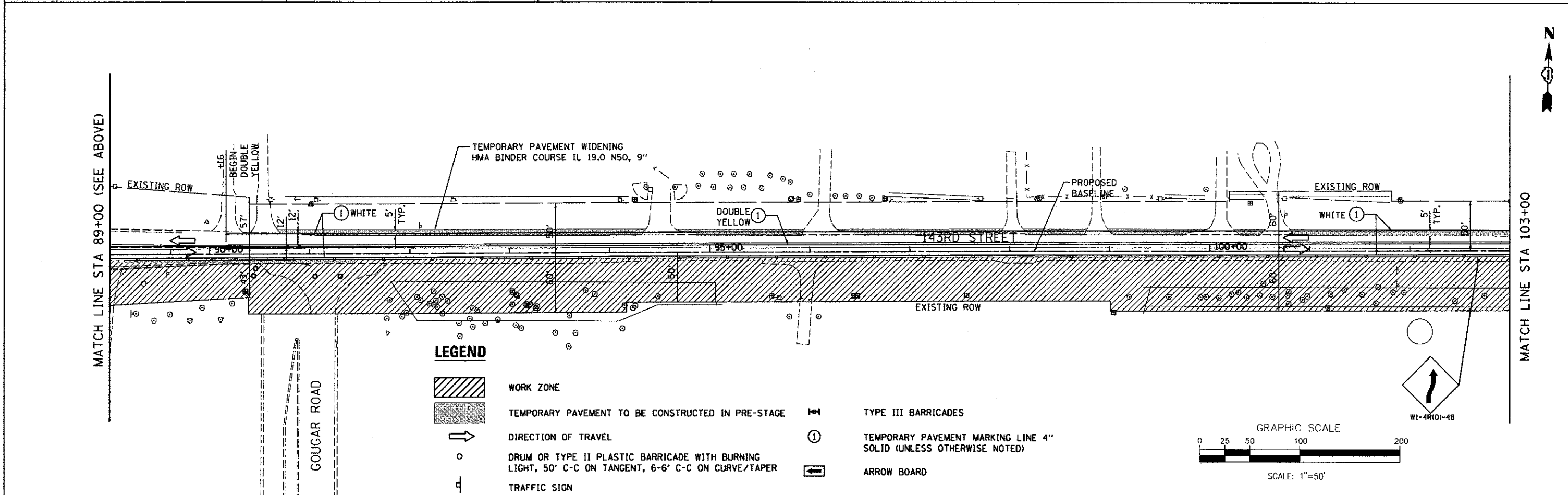
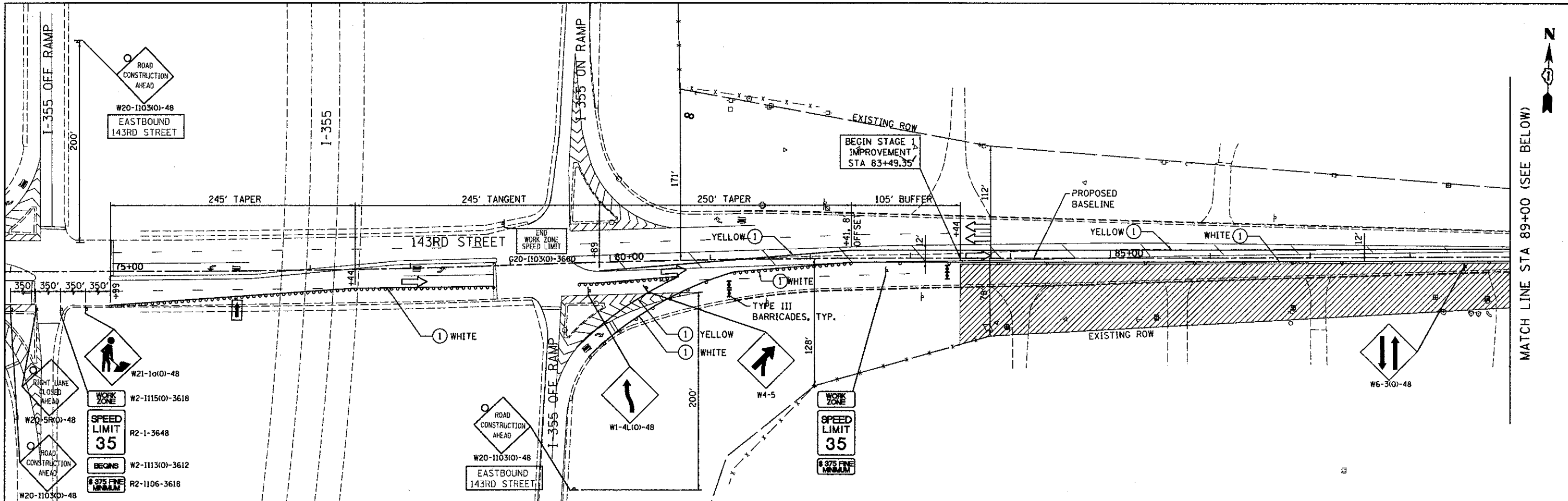
STAGING SECTION - STAGE 2

SCHEDULE OF QUANTITIES




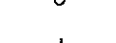




	PRE-STAGE	STAGE I	STAGE II	STAGE III	STAGE IIIA	TOTAL
SHORT-TERM PAVEMENT MARKING (FOOT)				1201		1201
TEMPORARY PAVEMENT MARKING LINE, 4" (FT)		9237	7887	1577		18,701
WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT)		3079	2629	526		6234
PAVEMENT MARKING REMOVAL (SQ FT)		2935	106	53		3094
TEMPORARY PAVEMENT (SQ YD)	669			88		757

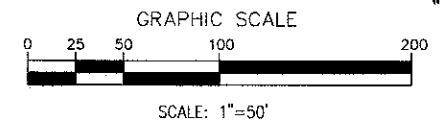
KEY


- CONSTRUCTION ZONE
- DRUM OR TYPE II BARRICADE
- TEMPORARY WIDENING, HMA BINDER COURSE, IL-19.0, N50, 9"

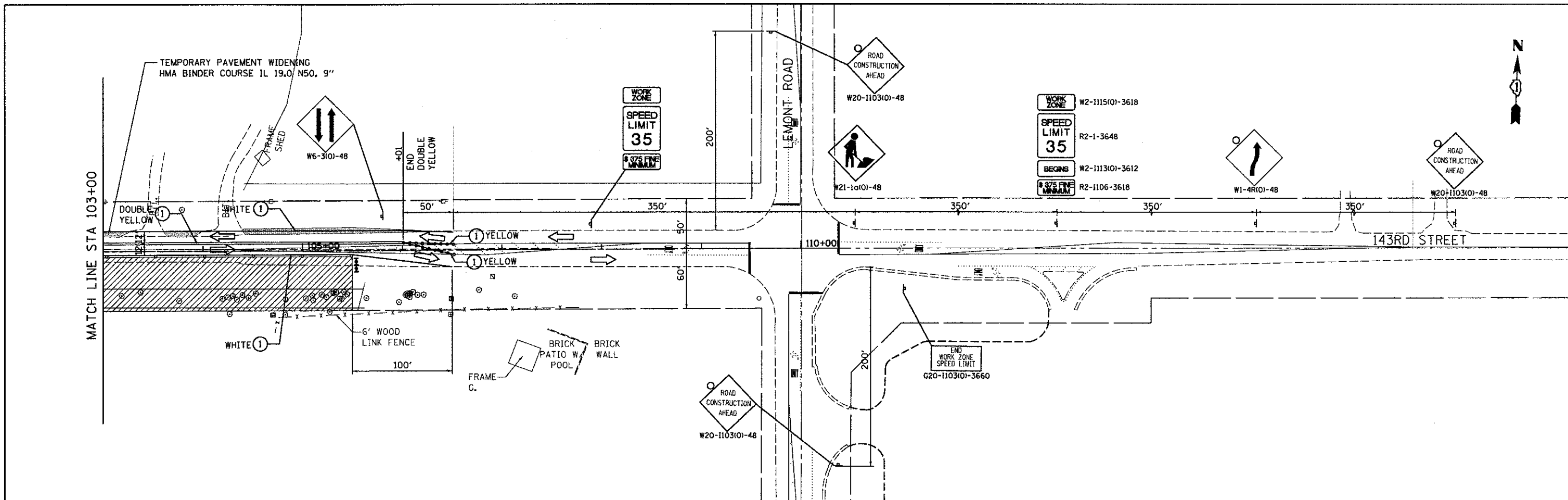


LEGEND









-  WORK ZONE
-  TEMPORARY PAVEMENT TO BE CONSTRUCTED IN PRE-STAGE
-  DIRECTION OF TRAVEL
-  DRUM OR TYPE II PLASTIC BARRICADE WITH BURNING LIGHT, 50' C-C ON TANGENT, 6-6' C-C ON CURVE/TAPER
-  TRAFFIC SIGN
-  TYPE III BARRICADES
-  TEMPORARY PAVEMENT MARKING LINE 4" SOLID (UNLESS OTHERWISE NOTED)
-  ARROW BOARD

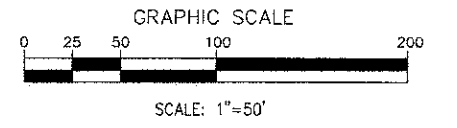


FILE NAME - ...\\w111co-9185609-ahu216-stag01.dgn	DESIGNED - MC	REVISED -	 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT TIME = 3/54:57 PM	DRAWN - AP	REVISED -		STAGE 1		1600	06-00169-14-FP	WILL	55	16	
PLOT DATE = 11/5/2012	CHECKED - GAO	REVISED -		SCALE: 1" = 50'		SHEET NO. 2 OF 6 SHEETS		STA. 75+00.00 TO STA. 103+00.00		CONTRACT NO. 63752	
	DATE - 11/6/2012	REVISED -		SCALE: 1" = 50'		ILLINOIS FED. AID PROJECT					

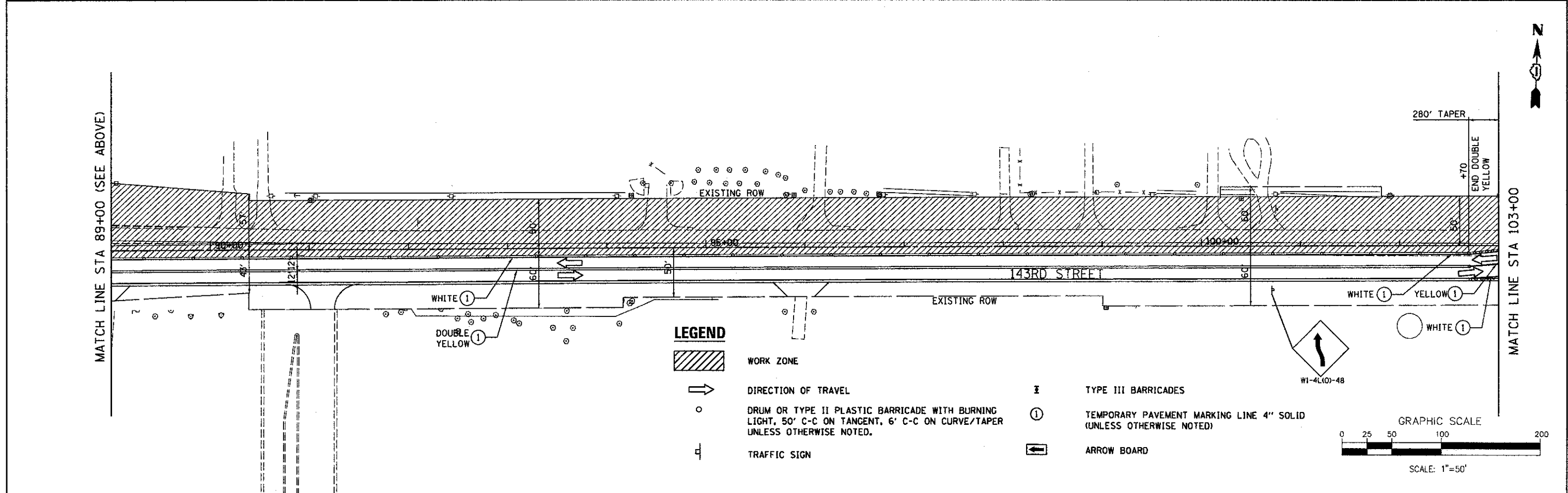
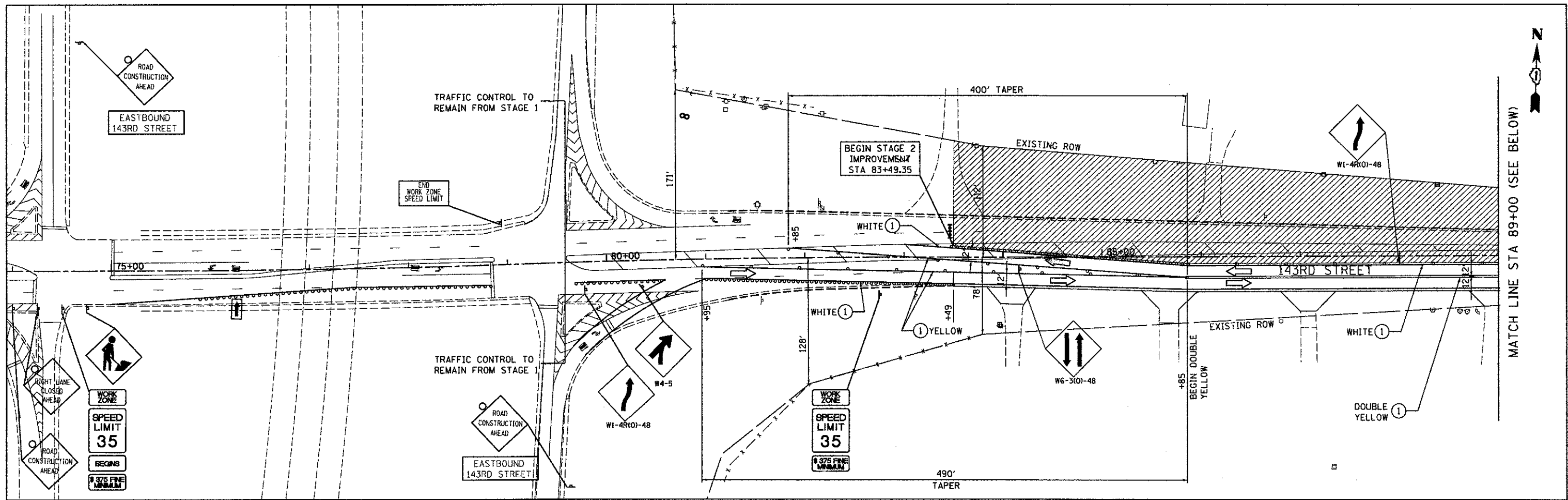


LEGEND








-  WORK ZONE
-  TEMPORARY PAVEMENT TO BE CONSTRUCTED IN PRE-STAGE
-  DIRECTION OF TRAVEL
-  DRUM OR TYPE II PLASTIC BARRICADE WITH BURNING LIGHT, 50' C-C ON TANGENT, 6' C-C ON CURVE/TAPER
-  TRAFFIC SIGN
-  TYPE III BARRICADES
-  TEMPORARY PAVEMENT MARKING LINE 4" SOLID (UNLESS OTHERWISE NOTED)
-  ARROW BOARD

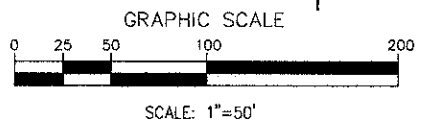


FILE NAME = ...\\w111Co-9185629-ah1217-stage1.2.dgn	DESIGNED - MC DRAWN - AP	REVISED - REVISED -	 SEPSTEIN	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 1	F.A.J. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 17
PLOT TIME = 5:49:34 PM	CHECKED - GAO	REVISED -	640 W. PULASKI ST. CHICAGO, ILLINOIS 60611-1559 TEL: 312.456.9176 FAX: 312.586.1297 WWW: www.sepstein.com		SCALE: 1" = 50'	SHEET NO. 3 OF 6 SHEETS	STA. 103+00.00 TO STA. 123+00.00	CONTRACT NO. 63752 ILLINOIS FED. AID PROJECT		
PLOT DATE = 9/25/2012	DATE - 9/28/2012	REVISED -								

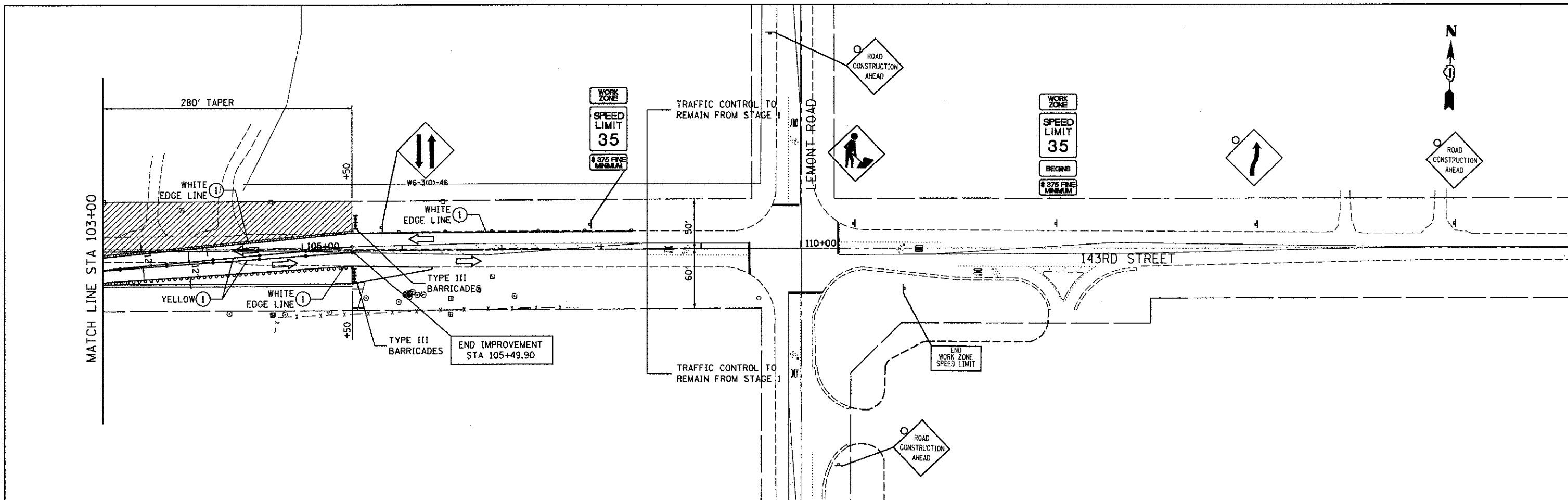


LEGEND








-  WORK ZONE
-  DIRECTION OF TRAVEL
-  DRUM OR TYPE II PLASTIC BARRICADE WITH BURNING LIGHT, 50' C-C ON TANGENT, 6' C-C ON CURVE/TAPER UNLESS OTHERWISE NOTED.
-  TRAFFIC SIGN
-  TYPE III BARRICADES
-  TEMPORARY PAVEMENT MARKING LINE 4" SOLID (UNLESS OTHERWISE NOTED)
-  ARROW BOARD

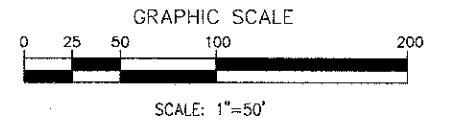


FILE NAME : ...\\illco-9185609-ah018-stage2.dgn	DESIGNED - MC DRAWN - AP CHECKED - GAO DATE - 11/6/2012	REVISED - REVISED - REVISED - REVISED -	 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 2		F.A.J. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 18
SCALE: 1" = 50' SHEET NO. 4 OF 6 SHEETS STA. 75+00.00 TO STA. 103+00.00						CONTRACT NO. 63752 ILLINOIS FED. AID PROJECT				

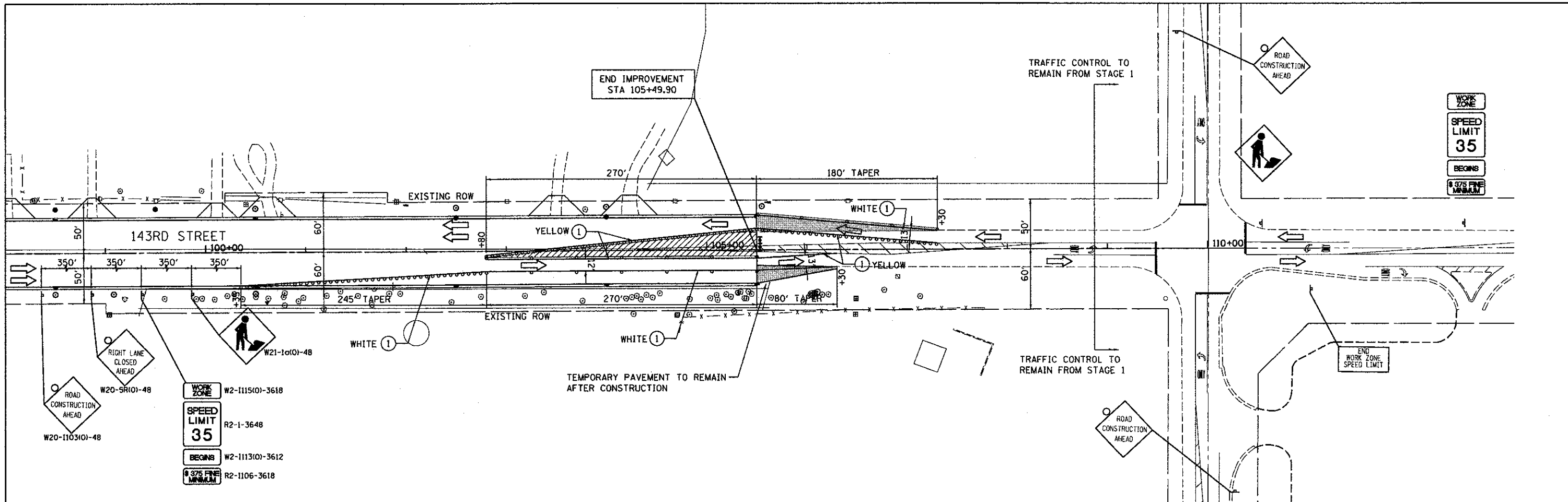


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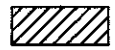
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  DRUM OR TYPE II PLASTIC BARRICADE WITH BURNING LIGHT, 50' C-C ON TANGENT, 6' C-C ON CURVE/TAPER
-  TRAFFIC SIGN
-  TYPE III BARRICADES
-  TEMPORARY PAVEMENT MARKING LINE 4" SOLID (UNLESS OTHERWISE NOTED)
-  ARROW BOARD



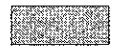
FILE NAME =	DESIGNED - MC	REVISED -	 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 2	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...\\h11co-9185689-sh1819-stage2.2.dgn	DRAWN - AP	REVISED -			1600	06-00169-14-FP	WILL	55	19	
PLOT TIME = 5:49:48 PM	CHECKED - GAO	REVISED -			CONTRACT NO. 63752					
PLOT DATE = 9/25/2012	DATE - 9/28/2012	REVISED -			ILLINOIS FED. AID PROJECT					



LEGEND



WORK ZONE



TEMPORARY PAVEMENT TO BE CONSTRUCTED IN PRE-STAGE



DIRECTION OF TRAVEL



DRUM OR TYPE II PLASTIC BARRICADE WITH BURNING LIGHT, 50' C-C ON TANGENT, 6' C-C ON CURVE/TAPER UNLESS OTHERWISE NOTED.



TRAFFIC SIGN



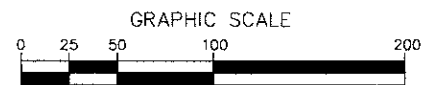
TYPE III BARRICADES



TEMPORARY PAVEMENT MARKING LINE 4" SOLID (UNLESS OTHERWISE NOTED)



ARROW BOARD



SCALE: 1"=50'

FILE NAME =	DESIGNED - MC	REVISED -
...\\willco-9185689-sh1828-stage3.dgn	DRAWN - AP	REVISED -
PLOT TIME = 4:29:46 PM	CHECKED - CAO	REVISED -
PLOT DATE = 11/5/2012	DATE - 11/6/2012	REVISED -

SEPSTEIN

600 W. FULTON ST. CHICAGO, ILLINOIS 60611-1208

TEL: 312.464.9100 FAX: 312.464.1217

WEB: www.sepsteingroup.com

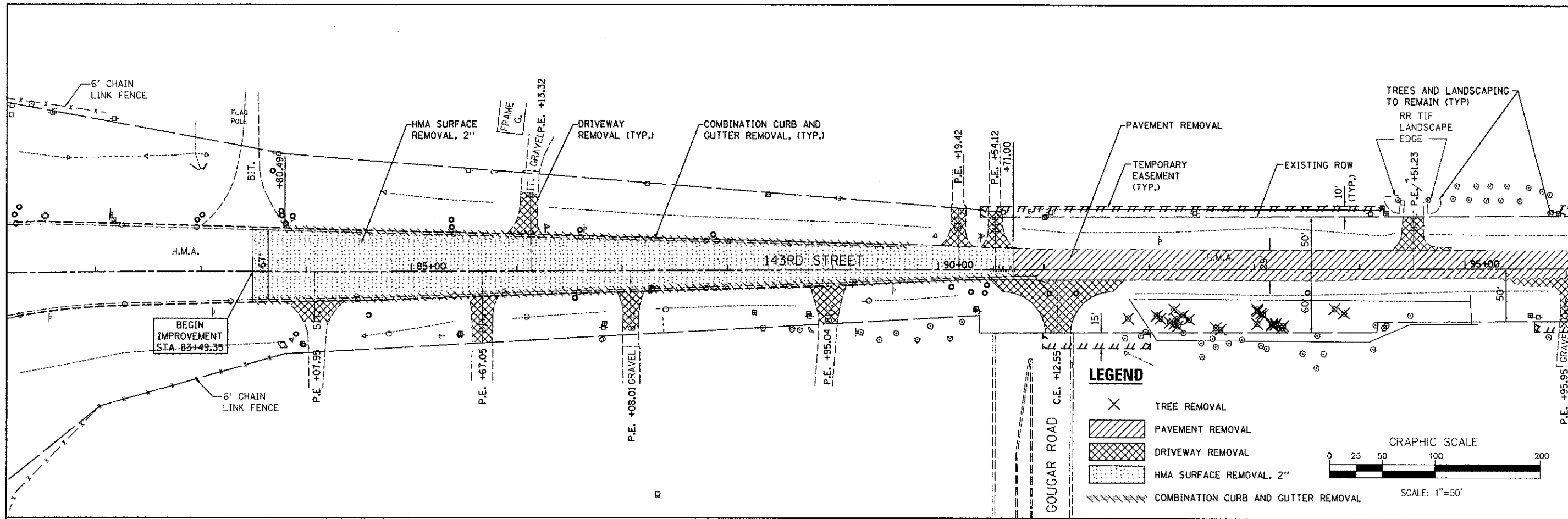
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

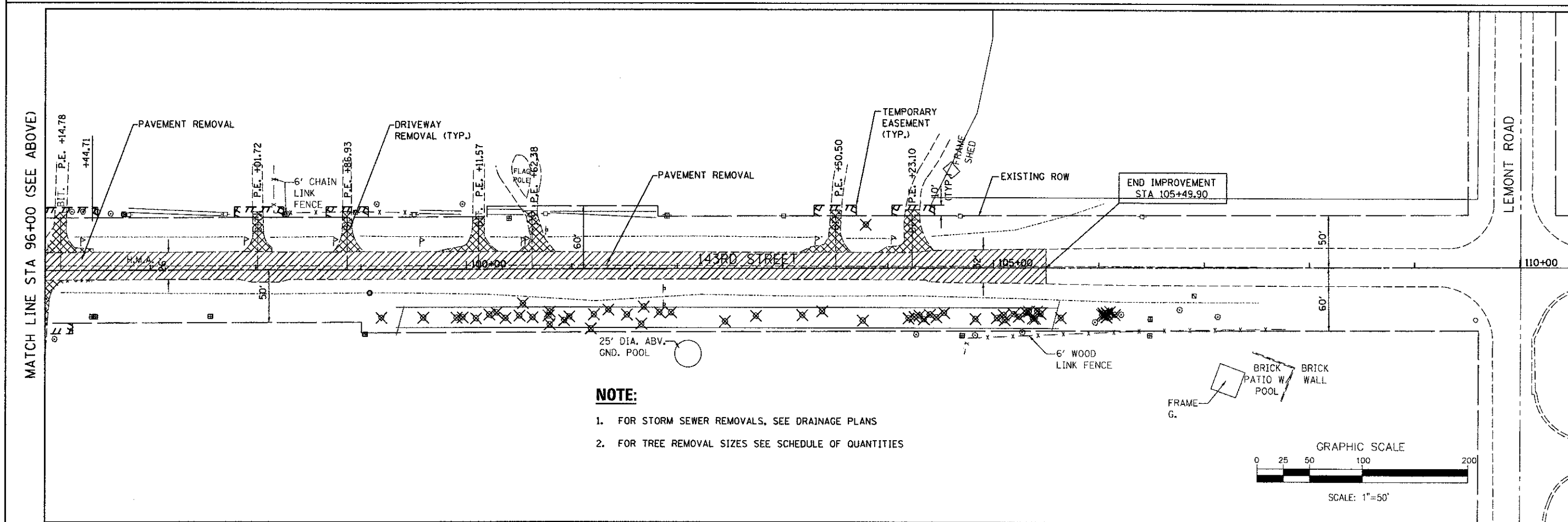
STAGE 3

SCALE: 1" = 50' SHEET NO. 6 OF 6 SHEETS STA. 98+00.00 TO STA. 110+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	20
CONTRACT NO. 63752			ILLINOIS FED. AID PROJECT	



MATCH LINE STA 96+00 (SEE BELOW)



FILE NAME = ...
PLOT TIME = 5:49:46 PM
PLOT DATE = 9/25/2012

DESIGNED - MC	REVISED -
DRAWN - AP	REVISED -
CHECKED - GAO	REVISED -
DATE - 9/28/2012	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

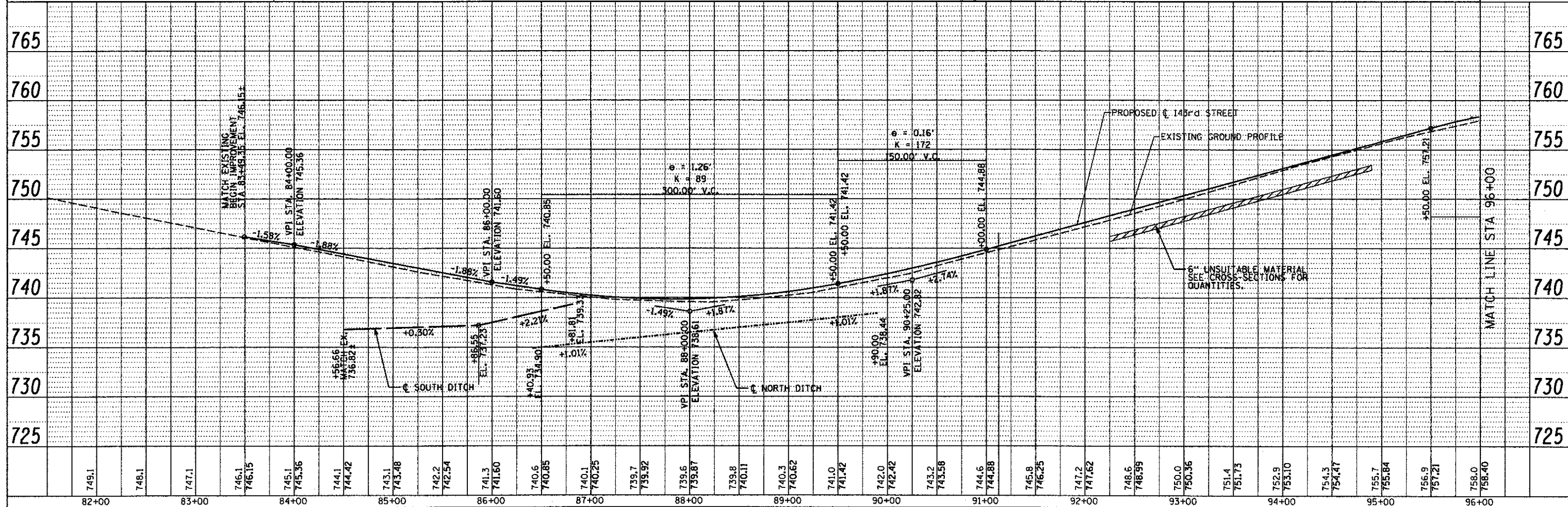
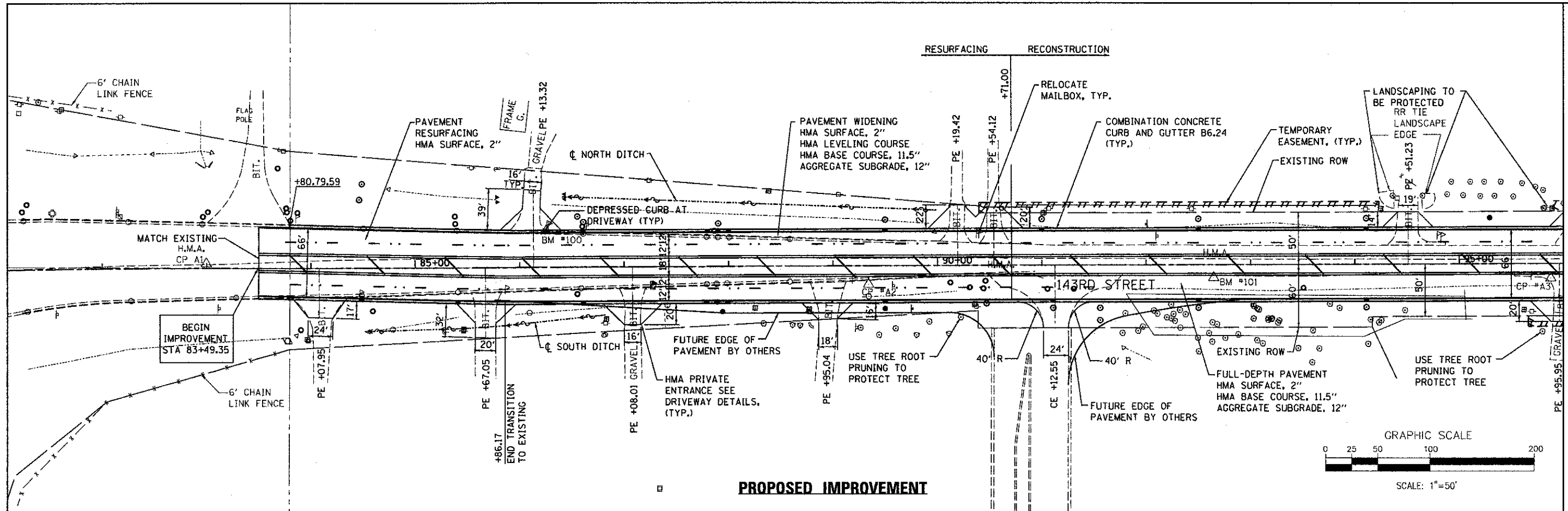
REMOVAL PLAN

SCALE: 1" = 50' SHEET NO. 1 OF 1 SHEETS STA. 82+00.00 TO STA. 110+00.00

F.A.U. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 21
CONTRACT NO. 63752				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
NO. OF SHEETS NOT CHECKED	
NO. OF SHEETS NOT CHECKED	
NO. OF SHEETS NOT CHECKED	

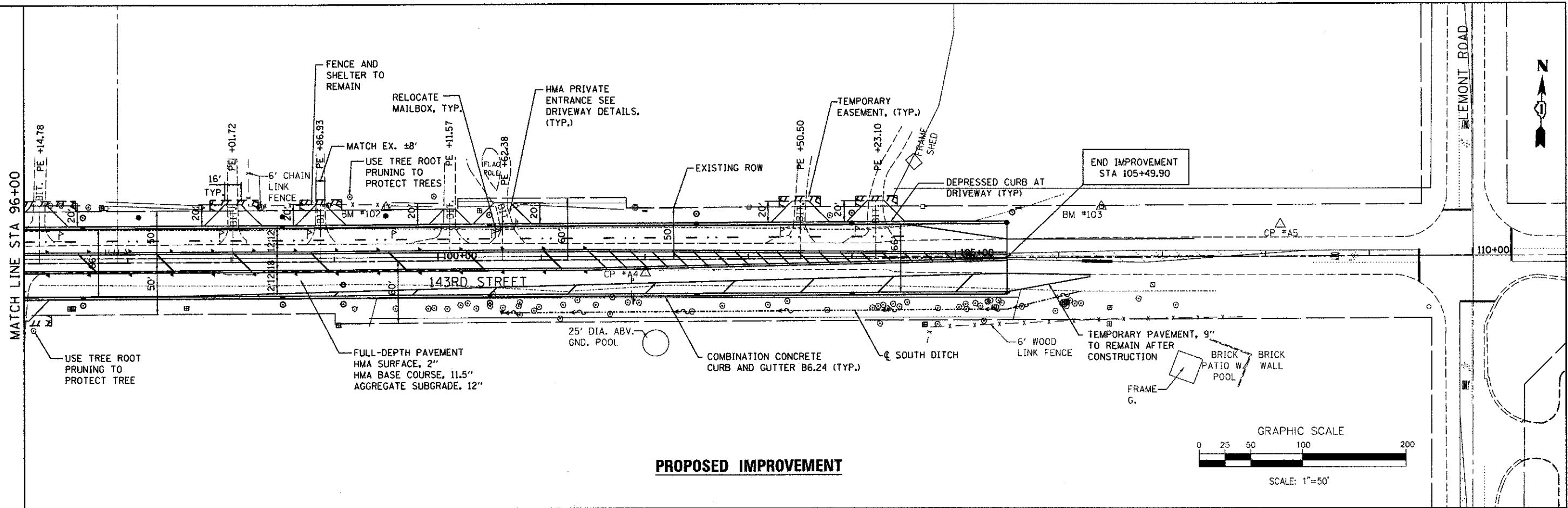
DATE	
BY	
PROFILE	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
NO. OF SHEETS NOT CHECKED	
NO. OF SHEETS NOT CHECKED	
NO. OF SHEETS NOT CHECKED	



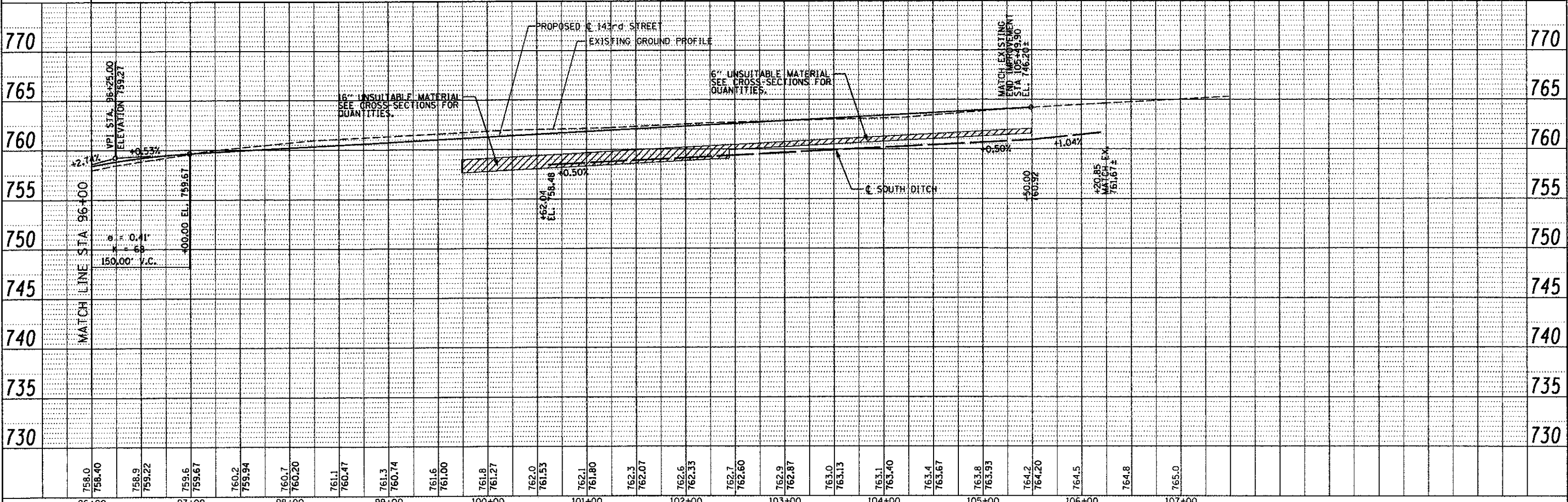
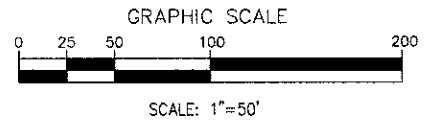
FILE NAME =	DESIGNED - MC	REVISED -		STATE OF ILLINOIS		PLAN AND PROFILE		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\willco-9105609-sh1022-plnpr-fl.dgn	DRAWN - AP	REVISED -		DEPARTMENT OF TRANSPORTATION		1600	06-00169-14-FP	WILL	55	22		
PLOT TIME = 3:43:13 PM	CHECKED - GAO	REVISED -		SCALE: 1" = 50'		SHEET NO. 1 OF 2 SHEETS		CONTRACT NO. 63752		ILLINOIS FED. AID PROJECT		
PLOT DATE = 10/15/2012	DATE - 09/28/2012	REVISED -		STA. 82+00.00 TO STA. 96+00.00								

PLAN	REVISIONS	CHECKED	DATE
	NO.	NO.	
	NO.	NO.	
	NO.	NO.	
	NO.	NO.	
	NO.	NO.	

PROFILE	REVISIONS	CHECKER	DATE
	NO.	NO.	
	NO.	NO.	
	NO.	NO.	
	NO.	NO.	
	NO.	NO.	



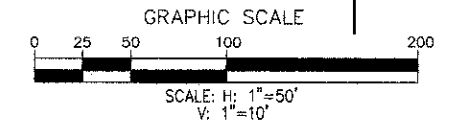
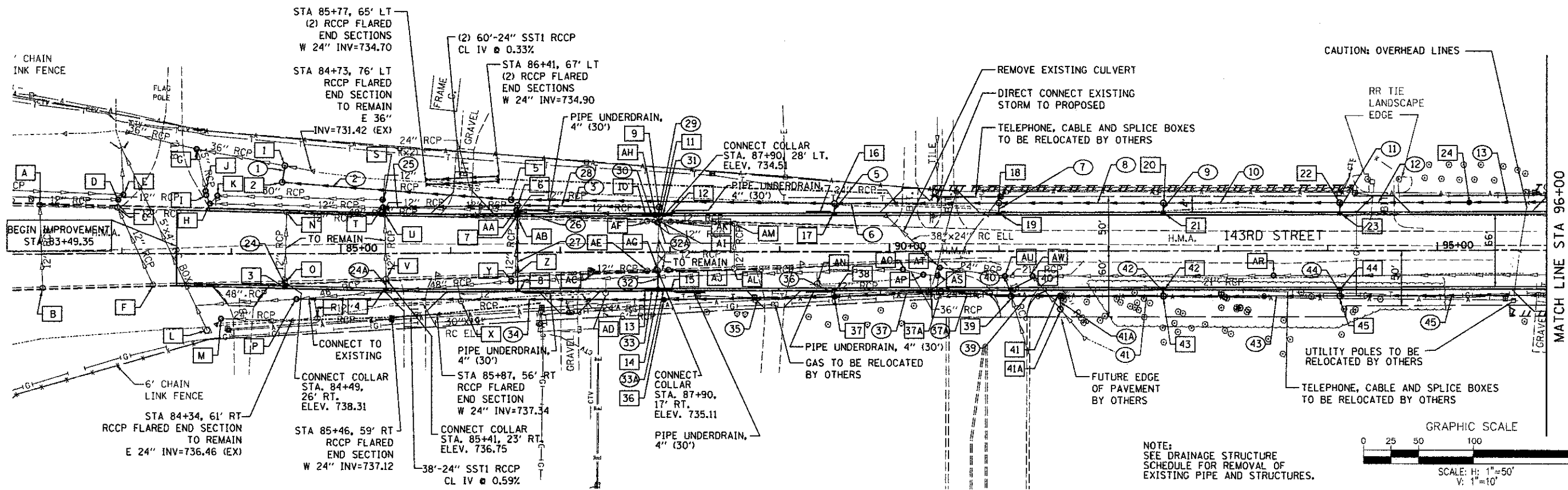
PROPOSED IMPROVEMENT



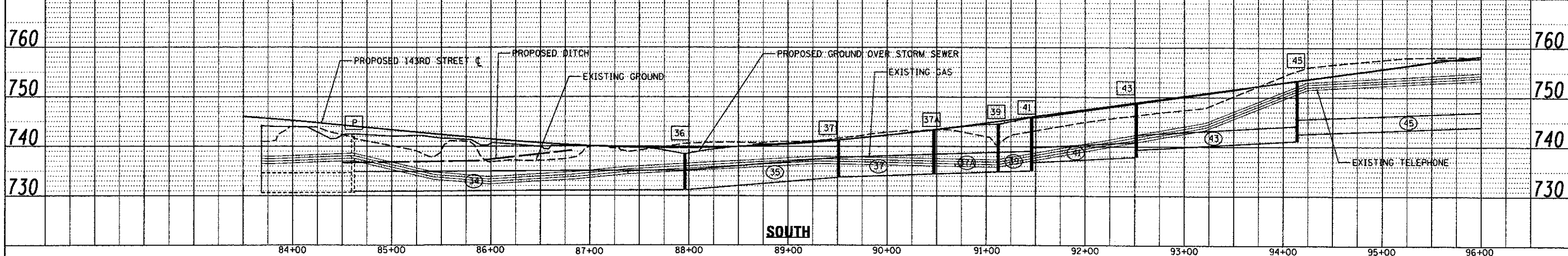
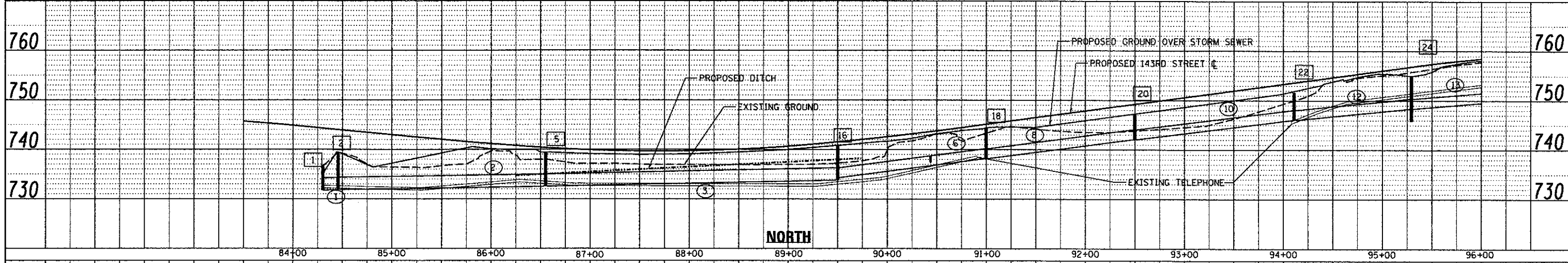
FILE NAME =	DESIGNED - MC	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A.J. RTE. 1600 SECTION 06-00169-14-FP COUNTY WILL TOTAL SHEETS 55 SHEET NO. 23 CONTRACT NO. 63752 ILLINOIS FED. AID PROJECT
...\\w11\Co-9\85689-sh\023-plnprf2.dgn	DRAWN - AP	REVISED -				
PLOT TIME = 5:49:52 PM	CHECKED - GAO	REVISED -				
PLOT DATE = 9/25/2012	DATE - 09/28/2012	REVISED -				
400 WILSON ST CHICAGO, ILL-60611 TEL 312 556 9100 FAX 312 556 1277 60611-1356 WEB www.sepstein.com			SCALE: 1" = 50' SHEET NO. 2 OF 2 SHEETS STA. 96+00.00 TO STA. 110+00.00			



DATE	
BY	
PLAN	
SURVEYED	
DESIGNED	
DRAWN	
CHECKED	
DATE	
BY	
PROFILE	
SURVEYED	
DESIGNED	
DRAWN	
CHECKED	
DATE	
BY	

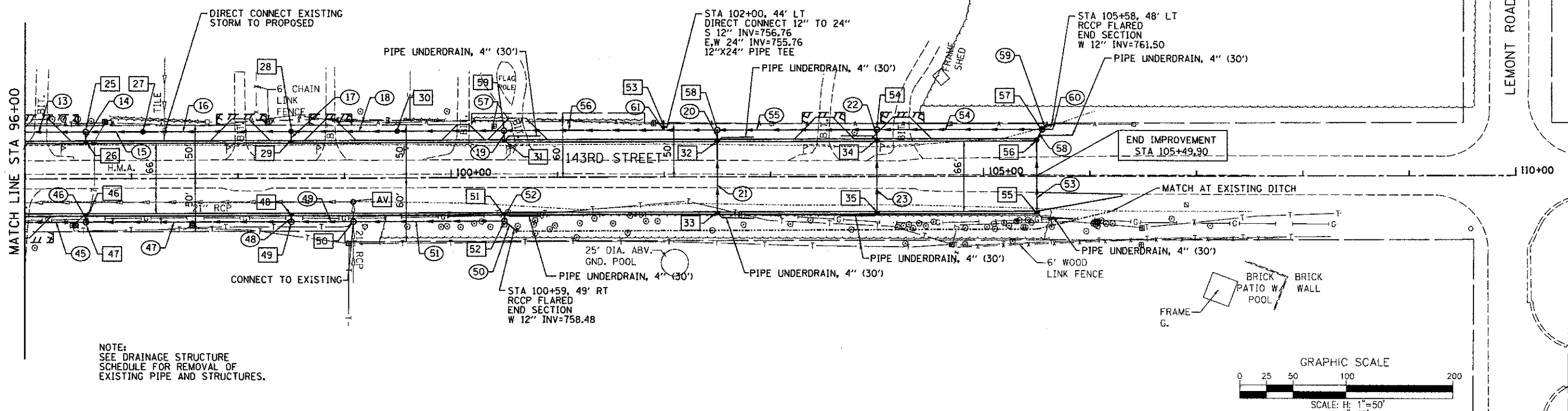


NOTE:
SEE DRAINAGE STRUCTURE
SCHEDULE FOR REMOVAL OF
EXISTING PIPE AND STRUCTURES.

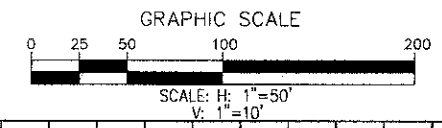


FILE NAME = ...WillCo-9185687-sh24-draw.dgn	DESIGNED - CG	REVISED -	 600 W. FULLERTON ST. CHICAGO, ILLINOIS 60611-1258 TEL: 312.404.8100 FAX: 312.359.1517 WWW.WEB.SEPSTEIN.COM	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			DRAINAGE AND UTILITY PLAN AND PROFILE			F.A.U. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 24	
PLOT TIME = 3:42:46 PM	DRAWN - AP	REVISED -								SCALE: 1" = 50'	SHEET NO. 1 OF 3 SHEETS	STA. 82+00.00 TO STA. 96+00.00	CONTRACT NO. 63752		
PLOT DATE = 12/15/2012	CHECKED - GAO	REVISED -								ILLINOIS FED. AID PROJECT					
DATE = 09/28/2012															

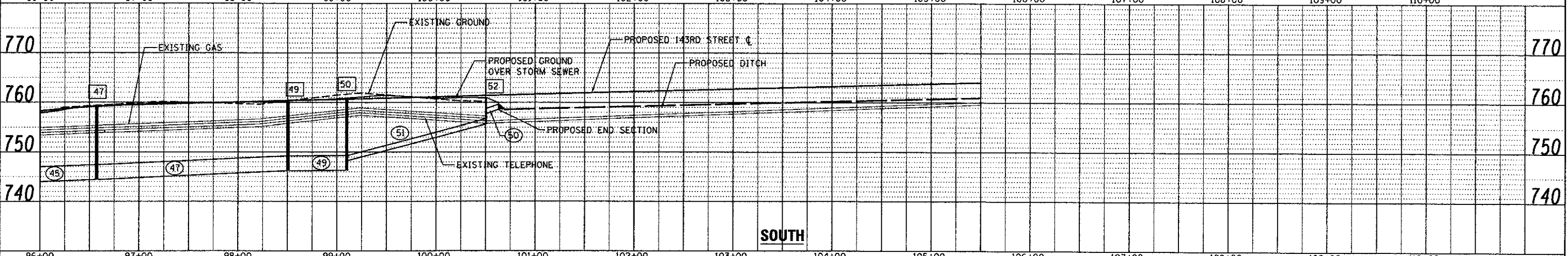
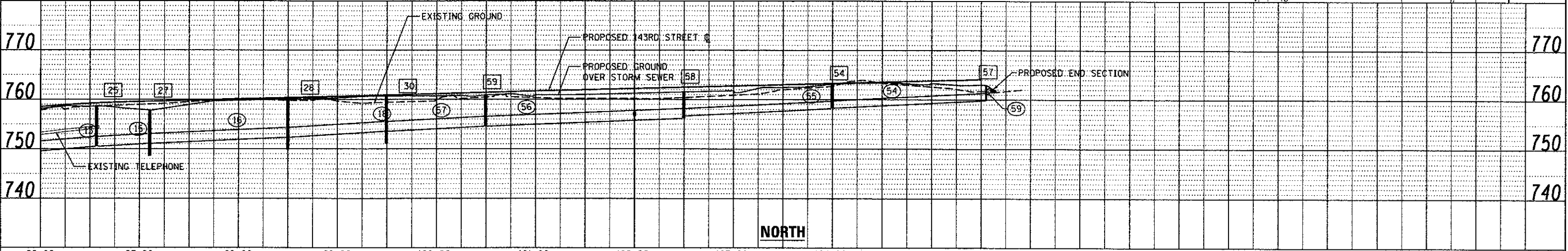
DATE	
BY	
REVISION	
PLAN	
NOTE BOOK	
NO.	



NOTE:
SEE DRAINAGE STRUCTURE
SCHEDULE FOR REMOVAL OF
EXISTING PIPE AND STRUCTURES.



DATE	
BY	
REVISION	
PROFILE	
NOTE BOOK	
NO.	



FILE NAME = ...\\w.11co-9185809-sh1825-draun2.dgn
PLOT TIME = 5/4/2012 PM
PLOT DATE = 9/25/2012

DESIGNED - CG
DRAWN - AP
CHECKED - GAO
DATE - 09/28/2012

REVISED -
REVISED -
REVISED -
REVISED -

SEPSTEIN
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

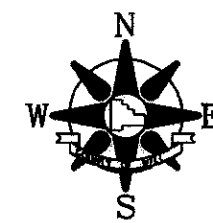
**DRAINAGE AND UTILITY
PLAN AND PROFILE**
SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 96+00.00 TO STA. 110+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	25
CONTRACT NO. 63752				

ILLINOIS FED. AID PROJECT

PART OF SECTION 5 & 8, T36N, R11E OF THE 3RD PM, WILL COUNTY, ILLINOIS.

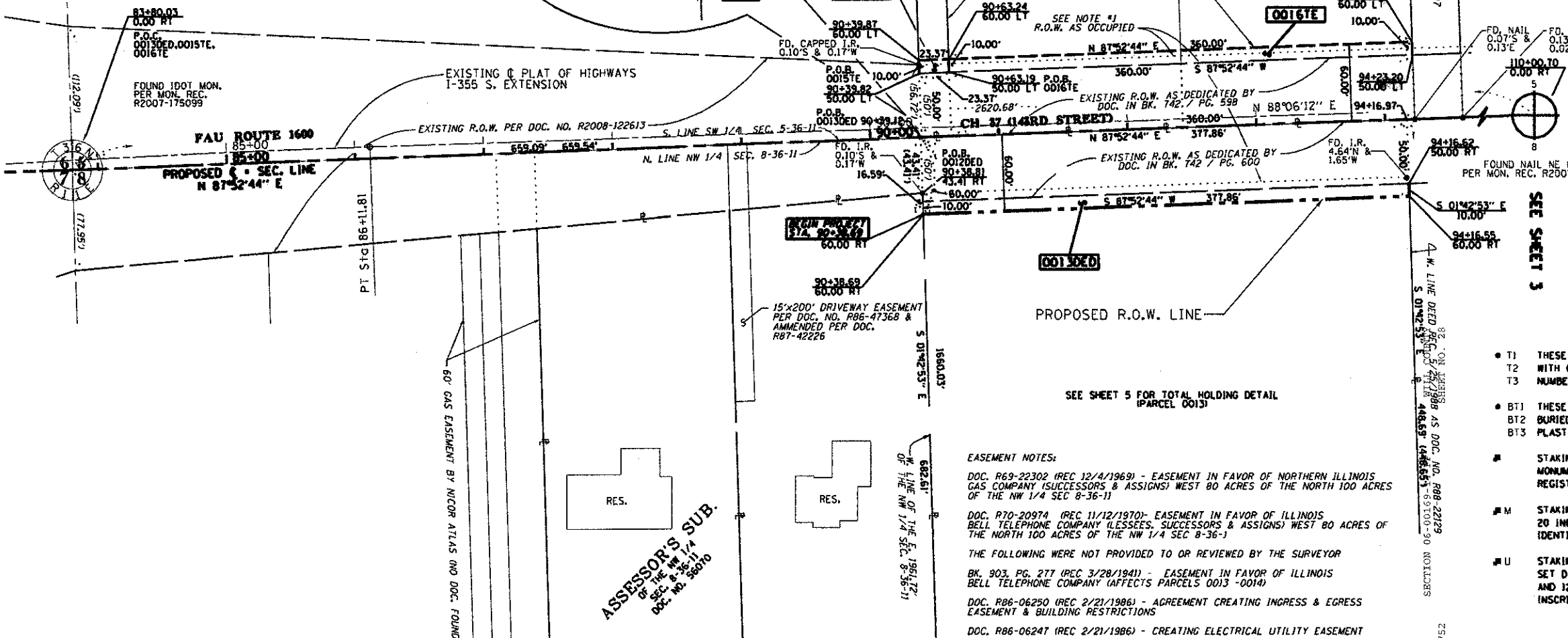
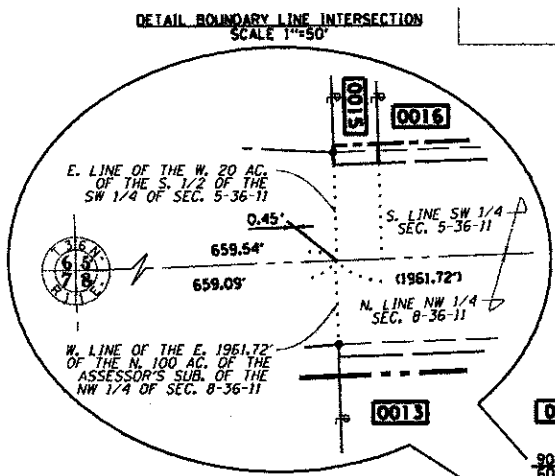
BEARINGS AND COORDINATES SHOWN
HEREON ARE BASED ON ILLINOIS STATE
PLANE EAST ZONE (1201)
NAD 83 (2007)



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- ACCESS CONTROL LINE
- MEASURED OR COMPUTED DIMENSION RECORD DATA
- FOUND IRON PIPE OR IRON ROD SET 5/8 INCH IRON ROD PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET FOUND CONCRETE RIGHT-OF-WAY MARKER
- SAME OWNERSHIP
- FENCE LINE
- MAILBOX SIGN

NOTE: EXISTING R.O.W. DATA
1. EXISTING & OF R.O.W. (AND PROPOSED & OF CONSTRUCTION)
BASED ON SECTION LINE AS MONUMENTED AND DEDICATIONS
OF RECORD (NOTED HEREON). OCCUPIED R.O.W. IS SHOWN
FOR REFERENCE.



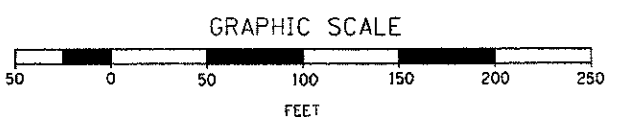
EASEMENT NOTES:
 DOC. R69-22302 (REC 12/4/1969) - EASEMENT IN FAVOR OF NORTHERN ILLINOIS GAS COMPANY (SUCCESSORS & ASSIGNS) WEST 80 ACRES OF THE NORTH 100 ACRES OF THE NW 1/4 SEC 8-36-11
 DOC. R70-20974 (REC 11/12/1970) - EASEMENT IN FAVOR OF ILLINOIS BELL TELEPHONE COMPANY (LESSEES, SUCCESSORS & ASSIGNS) WEST 80 ACRES OF THE NORTH 100 ACRES OF THE NW 1/4 SEC 8-36-11
 THE FOLLOWING WERE NOT PROVIDED TO OR REVIEWED BY THE SURVEYOR
 BK. 303, PG. 277 (REC 3/28/1941) - EASEMENT IN FAVOR OF ILLINOIS BELL TELEPHONE COMPANY (AFFECTS PARCELS 0013 - 0014)
 DOC. R86-06250 (REC 2/21/1986) - AGREEMENT CREATING INGRESS & EGRESS EASEMENT & BUILDING RESTRICTIONS
 DOC. R86-06247 (REC 2/21/1986) - CREATING ELECTRICAL UTILITY EASEMENT

- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BT2 BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER.
- U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 3/8 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA OF DEDICATION	PREVIOUSLY DEDICATED	REMAINDER	AREA EASEMENT	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
0013ED	MURP LOCKPORT LAND, LLC A DELAWARE LIMITED LIABILITY COMPANY	16-05-08-100-013	29.340 AC	0.520 AC	0.434 AC	28.820 AC	0.034 AC	DRIVEWAY CONSTRUCTION	
0015E	WILLIAM L. FREIBERG & VICTORIA L. FREIBERG	16-05-05-300-071	2,500 AC	-	-	2,500 AC	0.005 AC / 234 SF	DRIVEWAY CONSTRUCTION	
0016E	RAVICHAI & PRATIN NIKRODHANOND AS TRUSTEE OF THE NIKRODHANOND FAMILY TRUST, DATED 1/29/2000	16-05-05-300-072; 16-05-05-300-073	5,000 AC	-	-	5,000 AC	0.083 AC	EXCAVATION & GRADING	

* "REMAINDER" REFERS TO THE REMAINDER OF THE PARCEL NOT USED/DEDICATED FOR HIGHWAY PURPOSES

PROP. CURVE PR143-2
 PI STA. = 84+25.33
 Δ = 1° 51' 54" (RT)
 D = 0° 30' 00"
 R = 11,459.13'
 T = 186.51'
 L = 372.99'
 E = 1.52'
 e = NORMAL CROWN
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 82+38.82
 P.T. STA. = 86+11.81



CALCULATIONS BY: E. SLADEK

DRAFTING BY: B. TRAYER & E. SLADEK

CHECKED BY: C. FIDIS

REVISION DATE: 10/17/2012



STATE OF ILLINOIS)
) S.S.
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 5 & 8, TOWNSHIP 36 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT DUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED AT CHICAGO, ILLINOIS THIS 17th DAY OF OCTOBER, 2012.

C. Fidis
 COVENTINE FIDIS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
 LICENSE EXPIRATION DATE 11/30/2014

AMERICAN
 SURVEYING & ENGINEERING, P.C.
 SURVEYORS • ENGINEERS
 105 W. Madison St. Suite 1700
 Chicago, IL 60602
 312-277-2000 / Fax 312-277-2002
 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

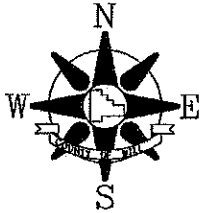
**PLAT OF HIGHWAYS
 WILL COUNTY ILLINOIS
 DEPARTMENT OF HIGHWAYS
 FAU ROUTE 1600
 CH 37 (143RD STREET)**

SECTION: 06-00169-14-FP COUNTY: WILL
 STATION: 90+38.69 JOB NO. R-55-001-97
 SCALE: 1" = 50' TO STATION: 94+50.00
 SHEET 2 OF 5

16841 W. LARAWAY ROAD
 JOLIET, IL 60433
 Phone: (815) 727-8476
 Fax: (815) 727-9806

PART OF SECTION 5 & 8, T36N, R11E OF THE 3RD PM, WILL COUNTY, ILLINOIS.

BEARINGS AND COORDINATES SHOWN
HEREON ARE BASED ON ILLINOIS STATE
PLANE EAST ZONE (1201)
NAD 83 (2007)



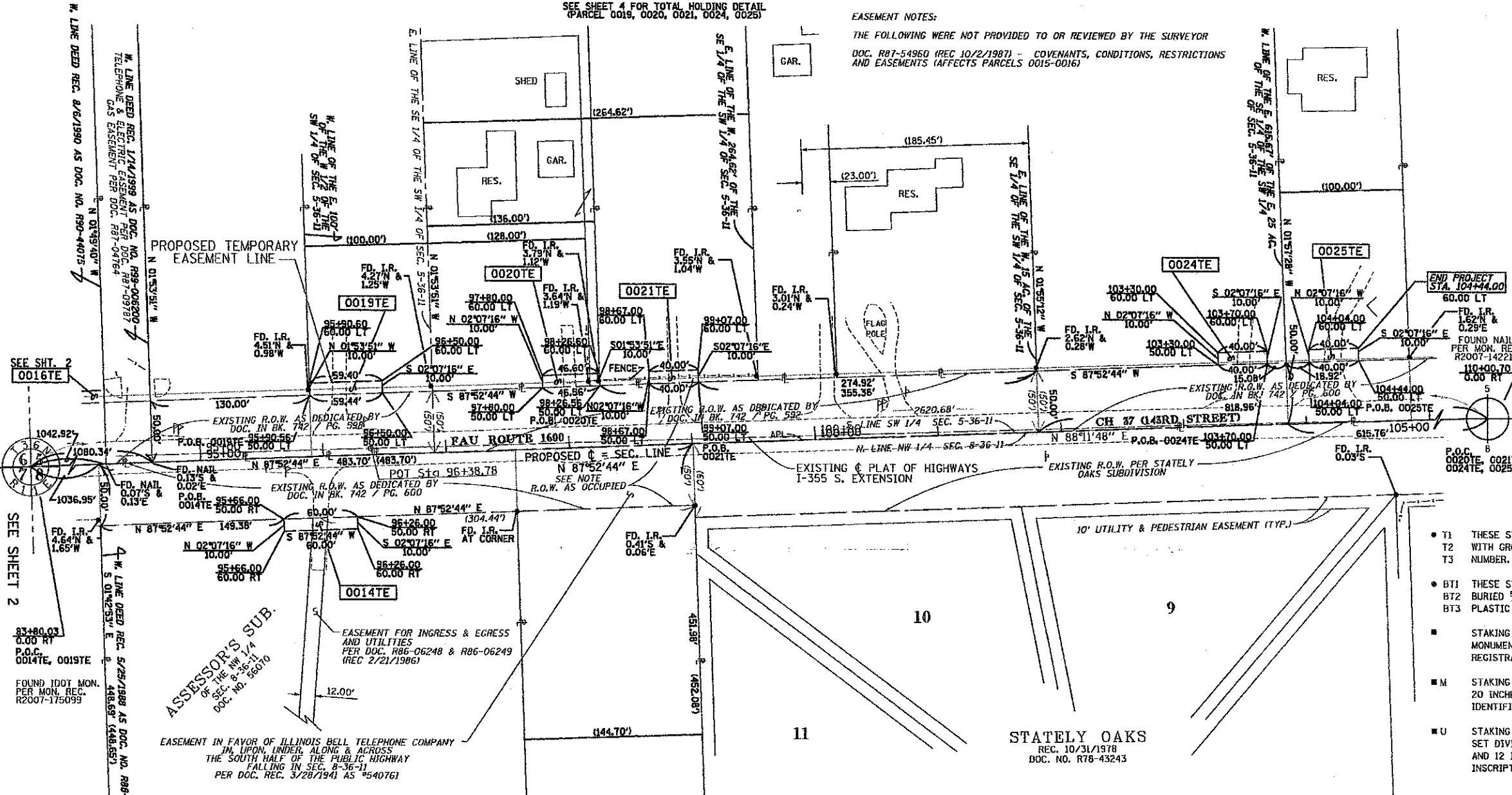
LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- ACCESS CONTROL LINE
- MEASURED OR COMPUTED DIMENSION
- RECORD DATA
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135
- (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- FOUND CONCRETE RIGHT-OF-WAY MARKER
- SAME OWNERSHIP
- FENCE LINE
- MAILBOX SIGN

- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/4 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 3/4 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 3/4 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER.
- U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 3/4 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

EASEMENT NOTES:
THE FOLLOWING WERE NOT PROVIDED TO OR REVIEWED BY THE SURVEYOR
DOC. R87-54960 (REC 10/2/1987) - COVENANTS, CONDITIONS, RESTRICTIONS
AND EASEMENTS (AFFECTS PARCELS 0015-0016)

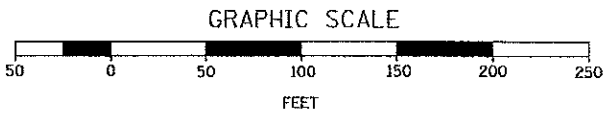
SEE SHEET 4 FOR TOTAL HOLDING DETAIL
(PARCEL 0019, 0020, 0021, 0024, 0025)



NOTE: EXISTING R.O.W. DATA
1. EXISTING & OF R.O.W. (AND PROPOSED & OF CONSTRUCTION)
BASED ON SECTION LINE AS MONUMENTED AND DEDICATIONS OF
RECORD (NOTED HEREON). OCCUPIED R.O.W. IS SHOWN FOR REFERENCE.

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA OF DEDICATION	PREVIOUSLY DEDICATED	REMAINDER	AREA EASEMENT	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
0014TE	JOSEPH RYMKEY & JILL RYMKEY	16-05-08-100-016	3,520 AC	-	-	3,520 AC	0.014 AC	DRIVEWAY CONSTRUCTION	
0019TE	EDWARD J. DODDY & KRISTINA R. DODDY	16-05-05-300-057	0,990 AC	-	-	0,990 AC	0.014 AC	DRIVEWAY CONSTRUCTION	
0020TE	DANIEL HEDAN A/K/A DAN HEDAN & ALAINE KEVDARAS	16-05-05-300-037 16-05-05-300-038(P1)	2,301 AC	-	-	2,301 AC	0.011 AC	DRIVEWAY CONSTRUCTION	
0021TE	RONALD M. GOREHAM	16-05-05-300-082	4,170 AC	-	-	4,170 AC	0.009 AC	DRIVEWAY CONSTRUCTION	
0024TE	LESTER MOORE & CECILIA MOORE	16-05-05-300-040	5,000 AC	-	-	5,000 AC	0.009 AC / 400 SF	DRIVEWAY CONSTRUCTION	
0025TE	TERRENCE J. HEALY & THEA J. HEALY	16-05-05-300-045	1,000 AC	-	-	1,000 AC	0.009 AC / 400 SF	DRIVEWAY CONSTRUCTION	

* "REMAINDER" REFERS TO THE REMAINDER OF THE PARCEL NOT USED/DEDICATED FOR HIGHWAY PURPOSES



CALCULATIONS BY: E. SLADEK

DRAFTING BY: B. TRAVER & E. SLADEK

CHECKED BY: C. FIDIS

REVISION DATE: 9/14/2012

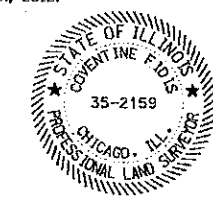
ASE JOB NO. 209066

STATE OF ILLINOIS)
COUNTY OF COOK) S.S.

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 5 & 8, TOWNSHIP 36 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, 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.

DATED AT CHICAGO, ILLINOIS THIS 14th DAY OF SEPTEMBER, 2012.

[Signature]
COVENTINE FIDIS
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
LICENSE EXPIRATION DATE 11/30/2012



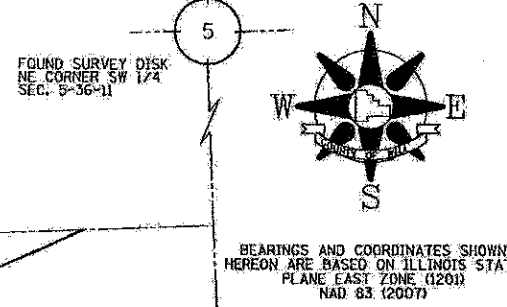
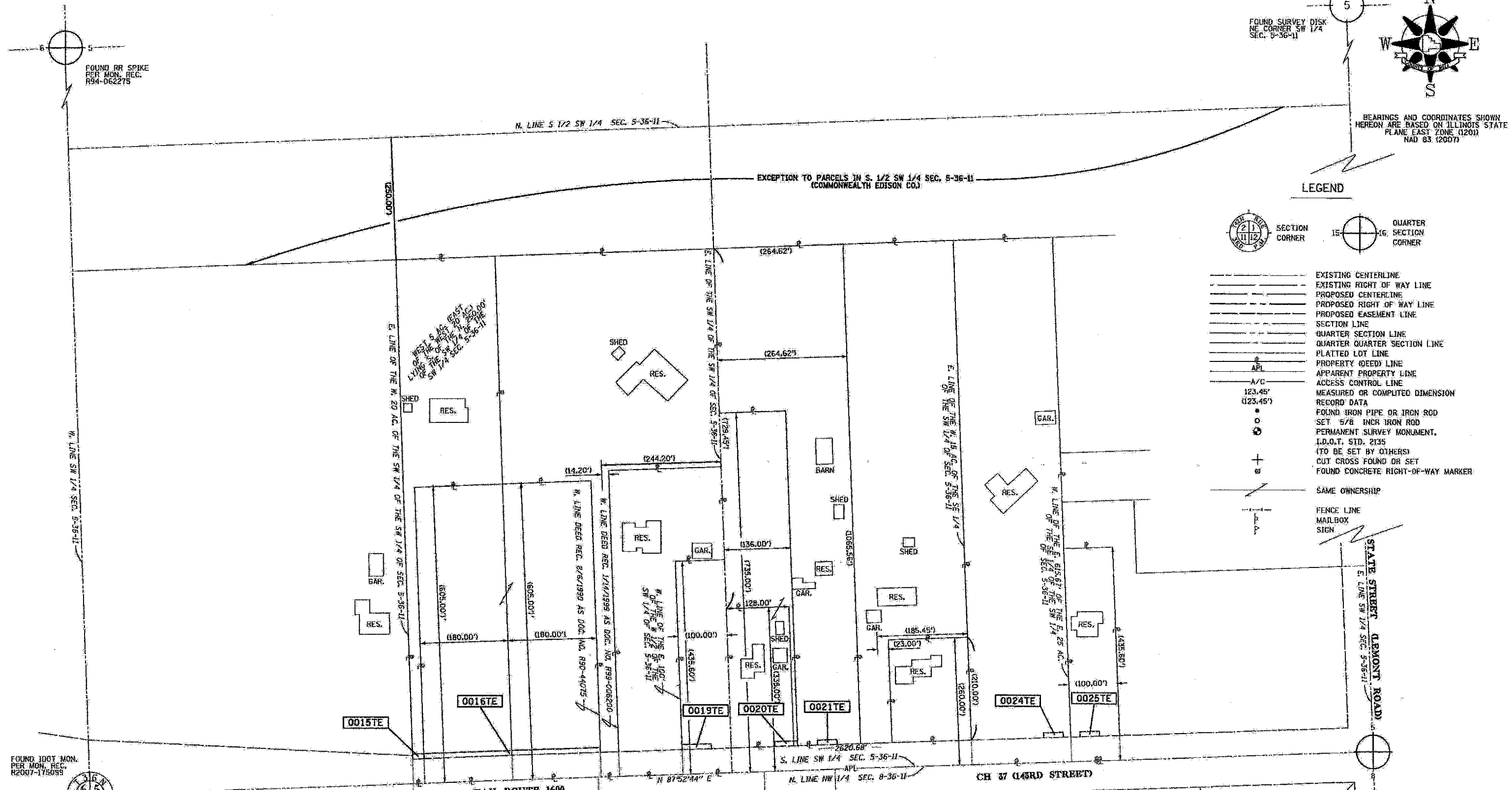
AMERICAN
SURVEYING & ENGINEERING, P.C.
SURVEYORS & ENGINEERS
105 W. Madison St. Suite 1700
Chicago, IL 60602
312-277-2000 / Fax 312-277-2002
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 164-003192

**PLAT OF HIGHWAYS
WILL COUNTY ILLINOIS
DEPARTMENT OF HIGHWAYS
FAU ROUTE 1600
CH 37 (143RD STREET)**

SECTION: 06-00169-14-FP COUNTY: WILL
STATION: 94+50.00 JOB NO. R-55-001-97
SCALE: 1" = 50' TO STATION: 104+44.00
SHEET 3 OF 5

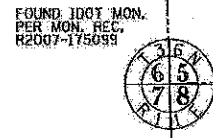
16841 W. LARAWAY ROAD
JOLIET, IL 60433
Phone: (815) 727-8476
Fax: (815) 727-9806

PART OF SW 1/4 SECTION 5, T36N, R11E OF THE 3RD PM, WILL COUNTY, ILLINOIS.



LEGEND

	SECTION CORNER		QUARTER SECTION CORNER
	EXISTING CENTERLINE		PROPOSED CENTERLINE
	EXISTING RIGHT OF WAY LINE		PROPOSED RIGHT OF WAY LINE
	PROPOSED EASEMENT LINE		SECTION LINE
	QUARTER SECTION LINE		QUARTER QUARTER SECTION LINE
	PLATTED LOT LINE		PROPERTY (DEED) LINE
	APPARENT PROPERTY LINE		ACCESS CONTROL LINE
	MEASURED OR COMPUTED DIMENSION		RECORD DATA
	FOUND IRON PIPE OR IRON ROD		SET 5/8 INCH IRON ROD
	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)		CUT CROSS FOUND OR SET
	FOUND CONCRETE RIGHT-OF-WAY MARKER		SAME OWNERSHIP
	FENCE LINE MAILBOX SIGN		



AMERICAN
 SURVEYING & ENGINEERING, P.C.
 SURVEYORS & ENGINEERS
 109 W. Madison St. Suite 1700
 Chicago, IL 60602
 312-277-2000 / Fax 312-277-2002
 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

SEE SHEET 5 FOR TOTAL HOLDING DETAIL (PARCEL 0013 - 0014)

STATE OF ILLINOIS)
) S.S.
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 5 & 8, TOWNSHIP 36 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, 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.

DATED AT CHICAGO, ILLINOIS THIS 14TH DAY OF SEPTEMBER, 2012.

COVENTINE FIDIS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
 LICENSE EXPIRATION DATE 11/30/2012



COUNTY: WILL
 JOB NO. R-55-001-97
 ASE JOB NO. 209066

**PLAT OF HIGHWAYS
 WILL COUNTY ILLINOIS
 DEPARTMENT OF HIGHWAYS
 FAU ROUTE 1600
 CH 37 (143RD STREET)**

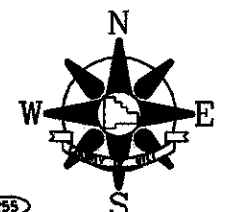
TOTAL HOLDING DETAILS
 PARCELS 0015 - 0025

SCALE: 1" = 100' SHEET 4 OF 5

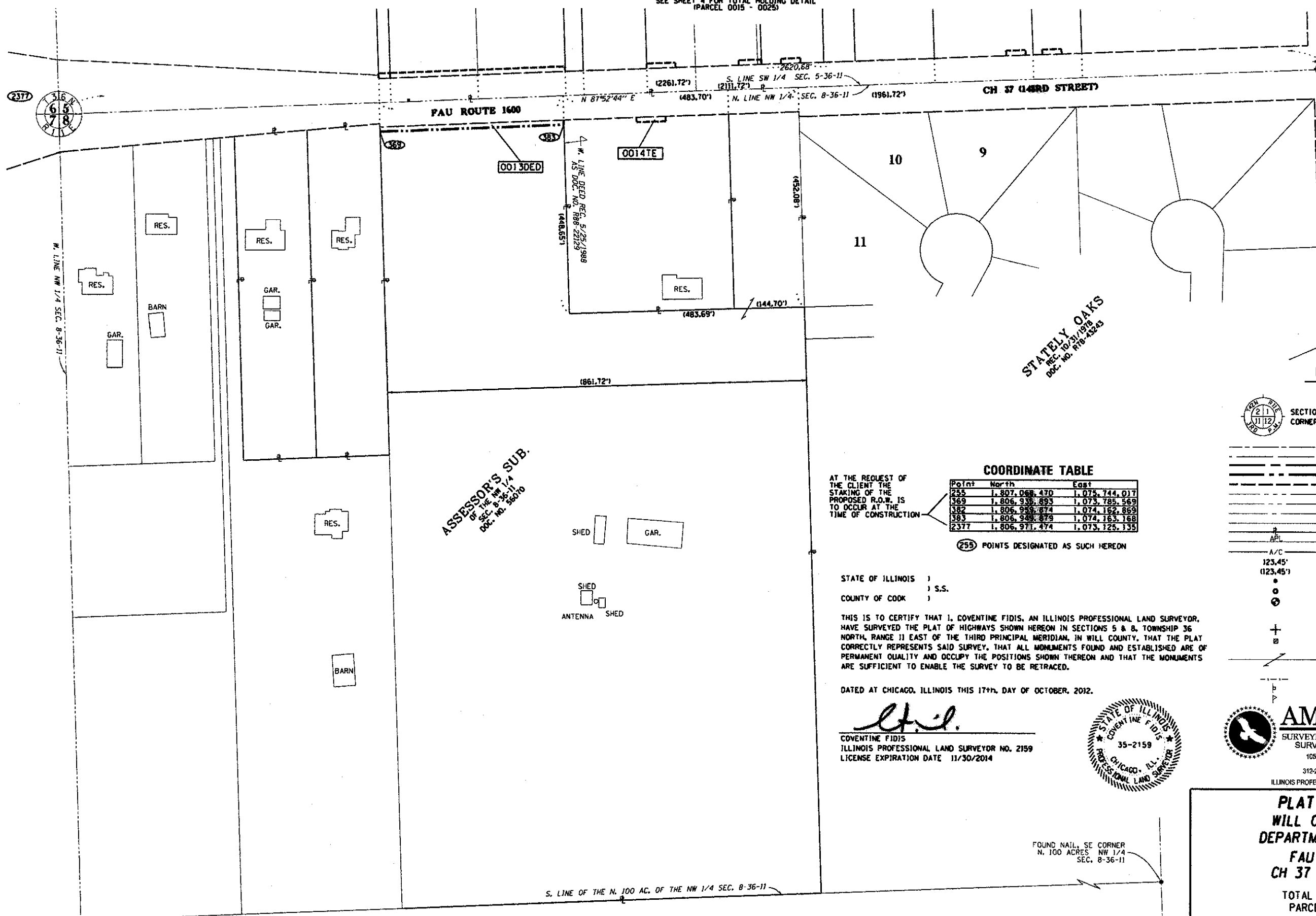
16841 W. LARAWAY ROAD
 JOLIET, IL 60433
 Phone: (815) 727-8476
 Fax: (815) 727-9806

PART OF NW 1/4 SECTION 8, T36N, R11E OF THE 3RD PM, WILL COUNTY, ILLINOIS.

SEE SHEET 4 FOR TOTAL HOLDING DETAIL
(PARCEL 0015 - 0025)



BEARINGS AND COORDINATES SHOWN
HEREON ARE BASED ON ILLINOIS STATE
PLANE EAST ZONE (1201)
NAD 83 (2007)



STALEY OAKS
REC. NO. 10/31/1998
DOC. NO. R18-43243

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
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- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- ACCESS CONTROL LINE
- MEASURED OR COMPUTED DIMENSION
- RECORD DATA
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- FOUND CONCRETE RIGHT-OF-WAY MARKER
- SAME OWNERSHIP
- FENCE LINE
- MAILBOX
- SIGN

COORDINATE TABLE

Point	North	East
255	1,807,068.470	1,075,744.017
369	1,806,938.893	1,073,785.969
382	1,806,958.874	1,074,162.859
383	1,806,948.879	1,074,163.168
2377	1,806,971.474	1,073,125.135

(255) POINTS DESIGNATED AS SUCH HEREON

AT THE REQUEST OF THE CLIENT THE STAKING OF THE PROPOSED R.O.W. IS TO OCCUR AT THE TIME OF CONSTRUCTION

STATE OF ILLINOIS)
COUNTY OF COOK) S.S.

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 5 & 8, TOWNSHIP 36 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, 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.

DATED AT CHICAGO, ILLINOIS THIS 17th DAY OF OCTOBER, 2012.

C. Fidis
COVENTINE FIDIS
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
LICENSE EXPIRATION DATE 11/30/2014



AMERICAN
SURVEYING & ENGINEERING, P.C.
SURVEYORS-ENGINEERS
105 W. Madison St. Suite 1700
Chicago, IL 60602
312-277-2000 / Fax 312-277-2002
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

**PLAT OF HIGHWAYS
WILL COUNTY ILLINOIS
DEPARTMENT OF HIGHWAYS
FAU ROUTE 1600
CH 37 (143RD STREET)**

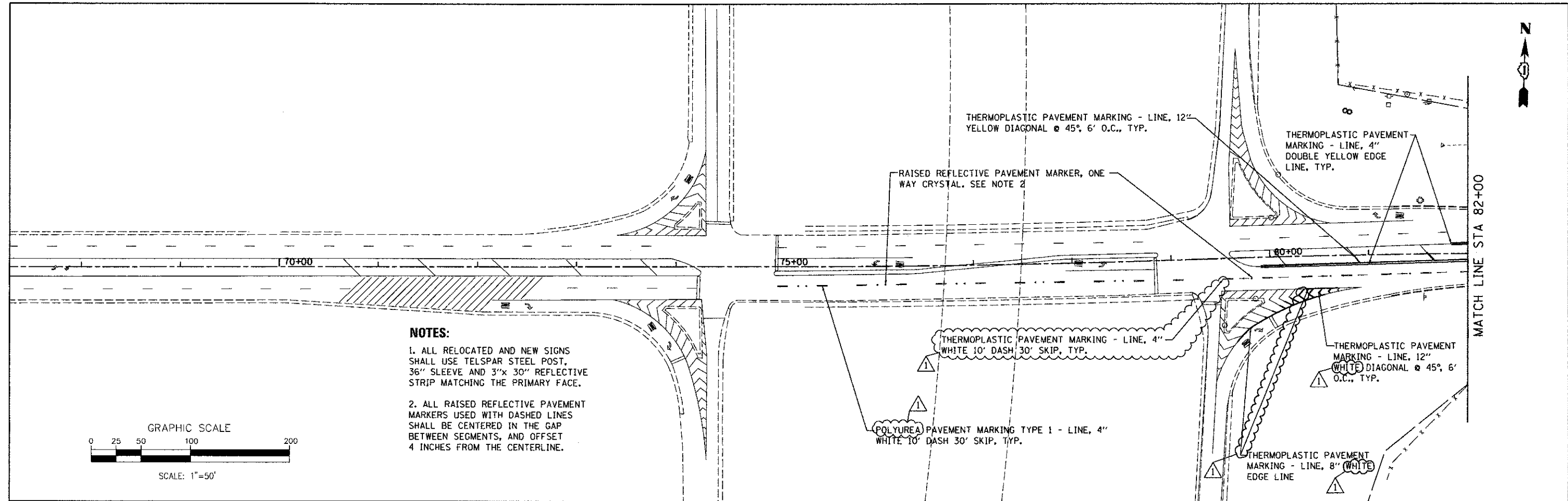
TOTAL HOLDING DETAILS
PARCELS 0011 - 0014

SCALE: 1" = 100' SHEET 5 OF 5

16841 W. LARAWAY ROAD
JOLIET, IL 60433
Phone: (815) 727-8476
Fax: (815) 727-9806

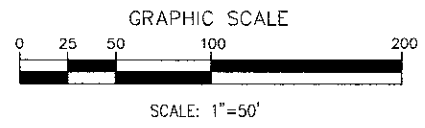
FOUND NAIL, SE CORNER
N. 100 ACRES NW 1/4
SEC. 8-36-11

COUNTY: WILL
JOB NO. R-55-001-97



NOTES:

1. ALL RELOCATED AND NEW SIGNS SHALL USE TELSPAR STEEL POST, 36" SLEEVE AND 3"x 30" REFLECTIVE STRIP MATCHING THE PRIMARY FACE.
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS, AND OFFSET 4 INCHES FROM THE CENTERLINE.



FILE NAME =	DESIGNED - MLC	REVISED - MLC 11/19/2012
...\\w11c0-9185609-shr031-pmk.dgn	DRAWN - MLC	REVISED -
PLOT TIME = 7:54:07 AM	CHECKED - GAO	REVISED -
PLOT DATE = 11/21/2012	DATE - 11/19/2012	REVISED -

STEPSTEIN

610 W. FULTON ST.
CHICAGO, ILLINOIS 60611-1529

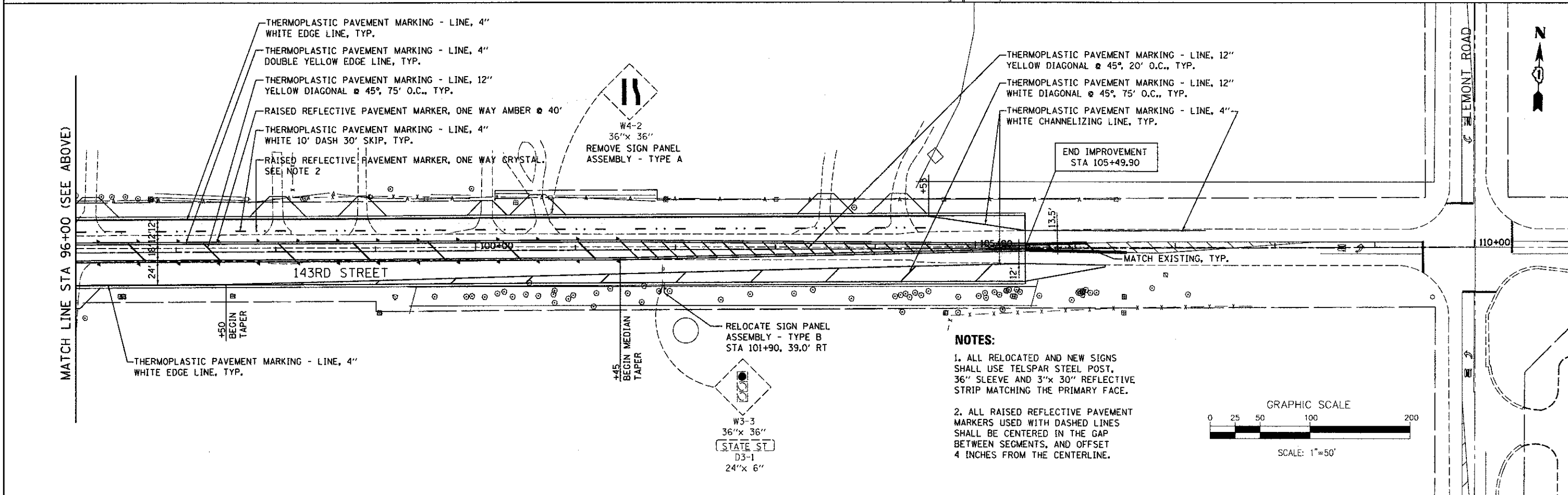
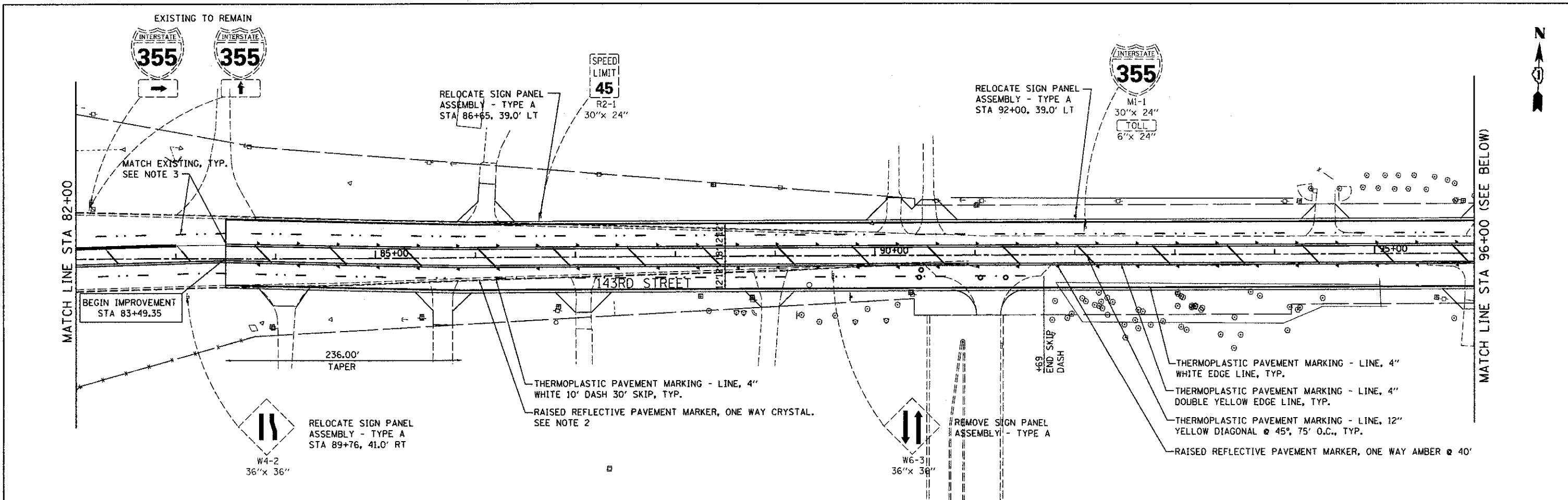
TEL: 312.454.9100
FAX: 312.569.1217
WWW.WWWWWWW.COM

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING
PLAN**

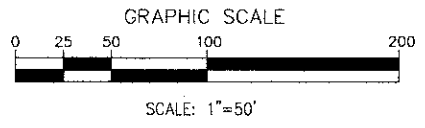
SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. 75+00.00 TO STA. 82+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	31
				CONTRACT NO. 63752
ILLINOIS FED. AID PROJECT				

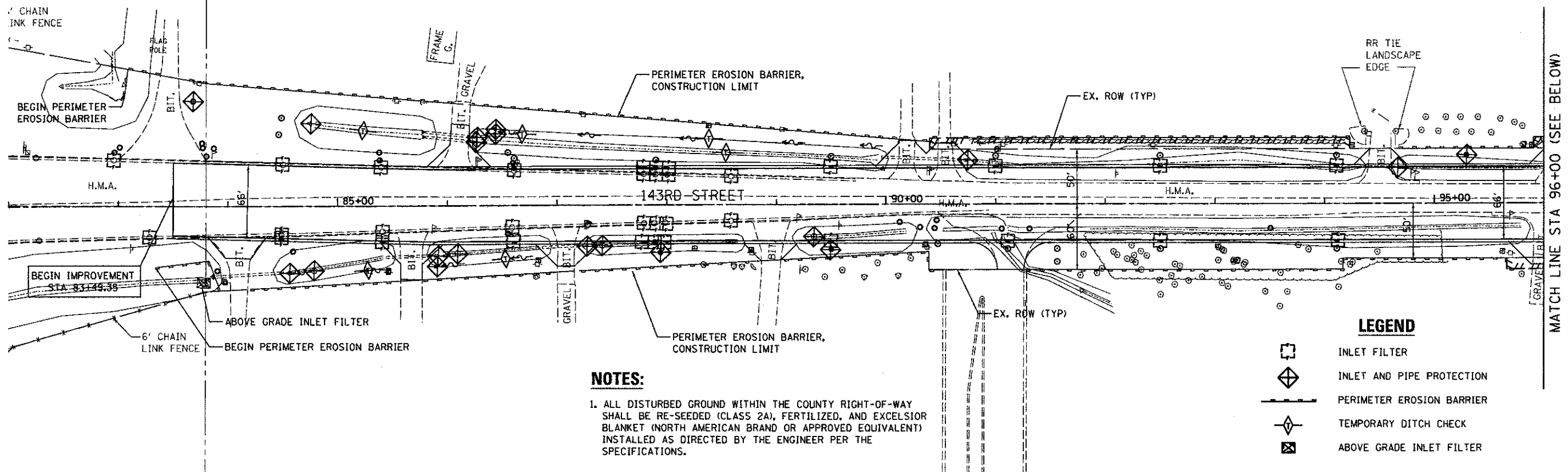


NOTES:

1. ALL RELOCATED AND NEW SIGNS SHALL USE TELSPAR STEEL POST, 36" SLEEVE AND 3" x 30" REFLECTIVE STRIP MATCHING THE PRIMARY FACE.
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS, AND OFFSET 4 INCHES FROM THE CENTERLINE.



FILE NAME = ...\\VA111Co-9185609-ah1832-pmk.dgn	DESIGNED - MC	REVISED -	<p>SEPSTEIN 440 W. FULLERTON ST. CHICAGO, ILLINOIS 60611-1219 TEL: 312.468.9100 FAX: 312.688.1217 WEB: www.sepstein.com</p>	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	PAVEMENT MARKING AND SIGNING PLAN			F.A.I.L. RTE. = 1600	SECTION = 06-00169-14-FP	COUNTY = WILL	TOTAL SHEETS = 55	SHEET NO. = 32	
PLOT TIME = 5/5/08 06 PM	CHECKED - GAO	REVISED -			SCALE: 1" = 50'			SHEET NO. 2 OF 2 SHEETS			STA. 82+00.00 TO STA. 110+00.00		
PLOT DATE = 9/25/2012	DATE = 9/28/2012	REVISED -			CONTRACT NO. 63752			ILLINOIS FED. AID PROJECT					



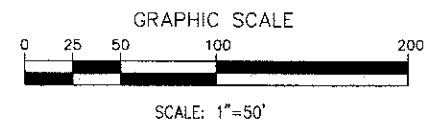
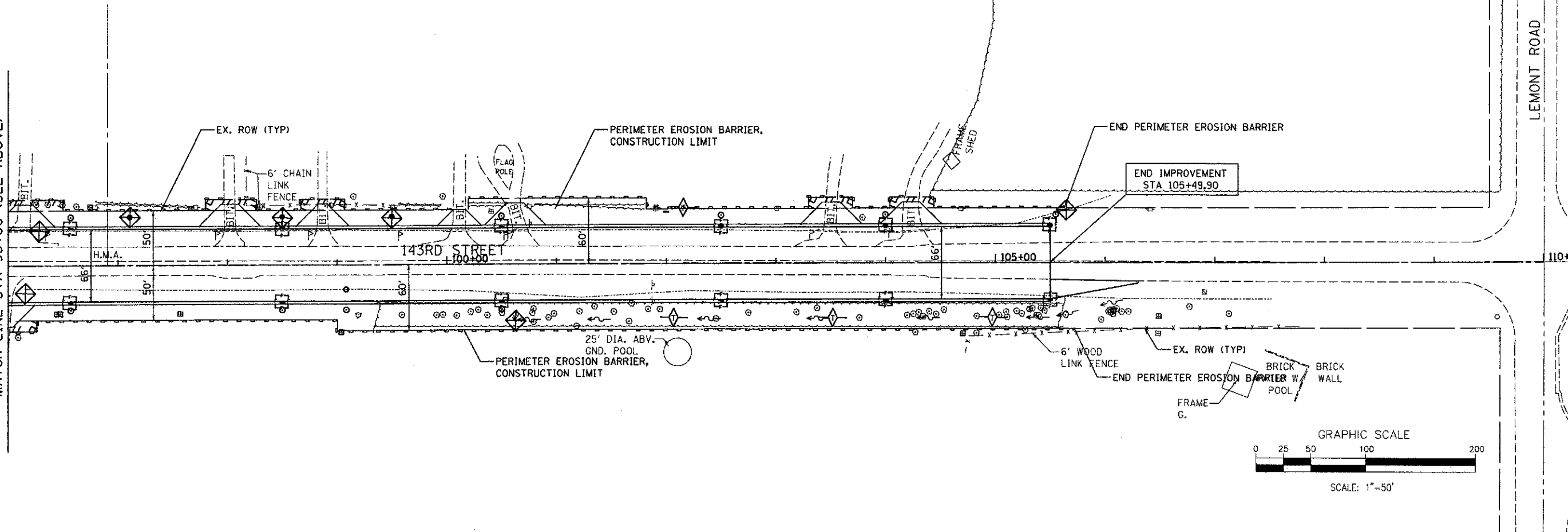
NOTES:

1. ALL DISTURBED GROUND WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE RE-SEEDING (CLASS 2A), FERTILIZED, AND EXCELSIOR BLANKET (NORTH AMERICAN BRAND OR APPROVED EQUIVALENT) INSTALLED AS DIRECTED BY THE ENGINEER PER THE SPECIFICATIONS.

LEGEND

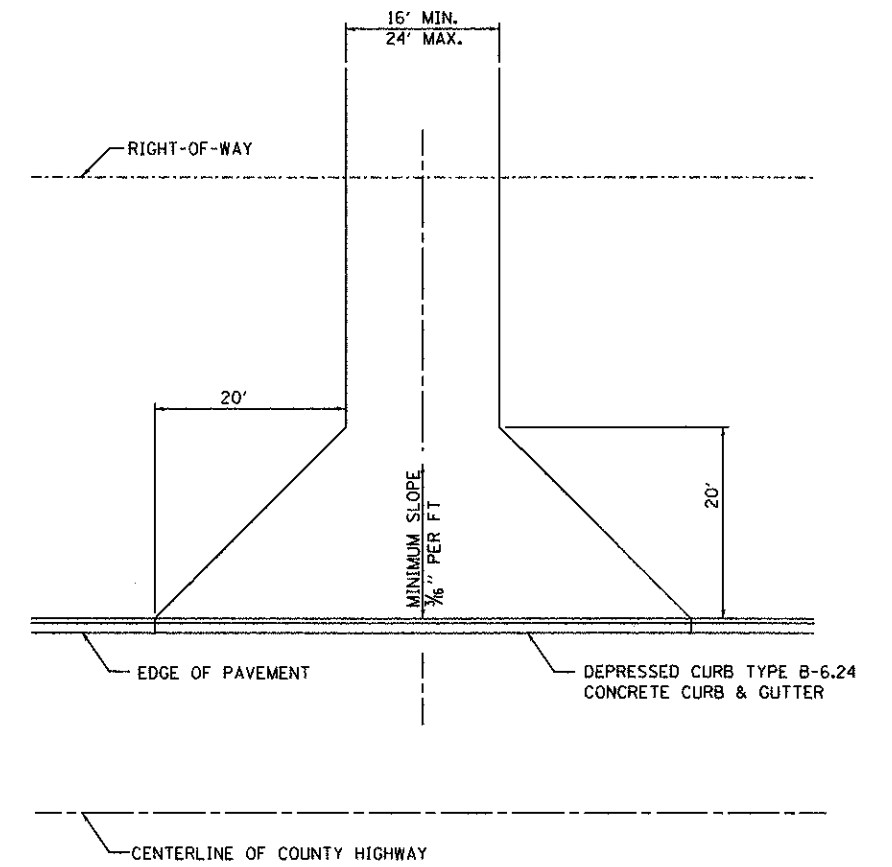
	INLET FILTER
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	ABOVE GRADE INLET FILTER

MATCH LINE STA 96+00 (SEE ABOVE)



FILE NAME = ...WillCo-9185609-sh1233-erom.dgn	DESIGNED - MC DRAWN - AP CHECKED - GAO DATE - 9/28/2012	REVISED - REVISED - REVISED - REVISED -	 800 W FULTON ST CHICAGO, ILLINOIS 60611-1219 TEL 312 424 0100 FAX 312 556 1217 WEB www.sepsteincorp.com	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLAN			F.A.J. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 33
PLOT TIME = 3:45:23 PM PLOT DATE = 10/15/2012				SCALE: 1" = 50'			SHEET NO. 1 OF 1 SHEETS			STA. 82+00.00 TO STA. 110+00.00			CONTRACT NO. 63752	

ILLINOIS FED. AID PROJECT




NOTE:
 ALL CONSTRUCTION TO BE DONE ACCORDING TO STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

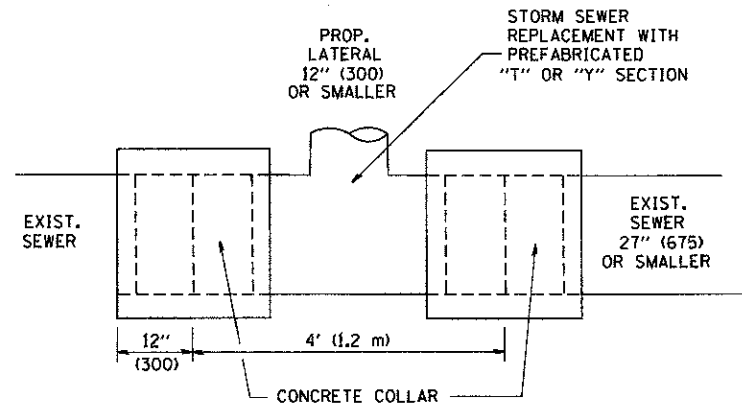
ALL GROUND AREAS DISTURBED SHALL BE RESEEDED AND MULCHED OR JUTE MATTED AS SOON AFTER CONSTRUCTION AS POSSIBLE.

REMOVE AND REPLACE SIDEWALK AS NECESSARY TO PROVIDE ADEQUATE TRANSITION TO EXISTING GRADES.

CUT OUT DIRT ON SHOULDER. INSTALL AGGREGATE SUBGRADE, 12", AND PAVE WITH 2 1/2" HMA SURFACE COURSE, MIX C N50 TO THE NEW PROPERTY LINE.

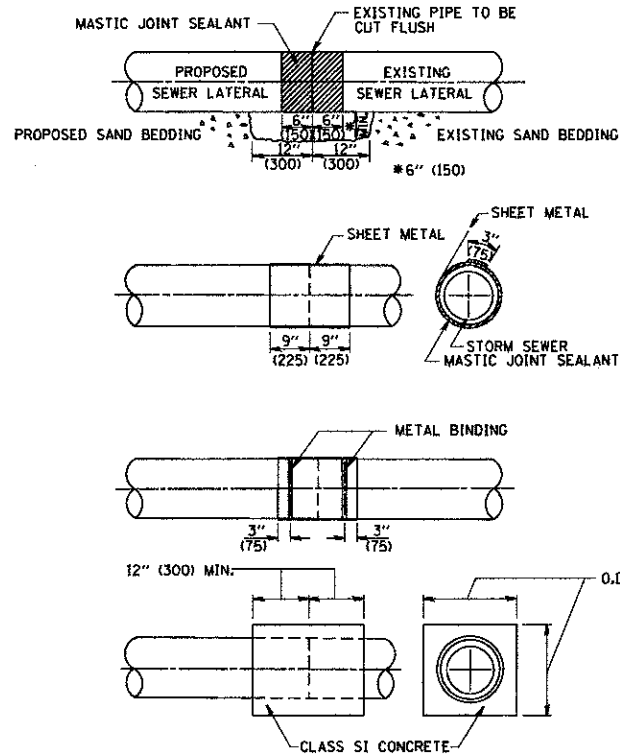
DRIVEWAY DETAIL

FILE NAME = ...\\wllco-9185609-ah1034-Detail.dgn	DESIGNED - CG	REVISED -	 800 W. FULLTOWN ST. CHICAGO, ILLINOIS 60611-1539 TEL: 312.484.9100 FAX: 312.688.1217 WEB: www.sepstein.com	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS			F.A.U. RTE. = 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 34
PLOT TIME = 5:58:12 PM	CHECKED - GAO	REVISED -						SCALE: N/A	SHEET NO. 1	OF 1 SHEETS	STA. N/A	TO STA. N/A
PLOT DATE = 9/25/2012	DATE - 9/28/2012	REVISED -						ILLINOIS FED. AID PROJECT				



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

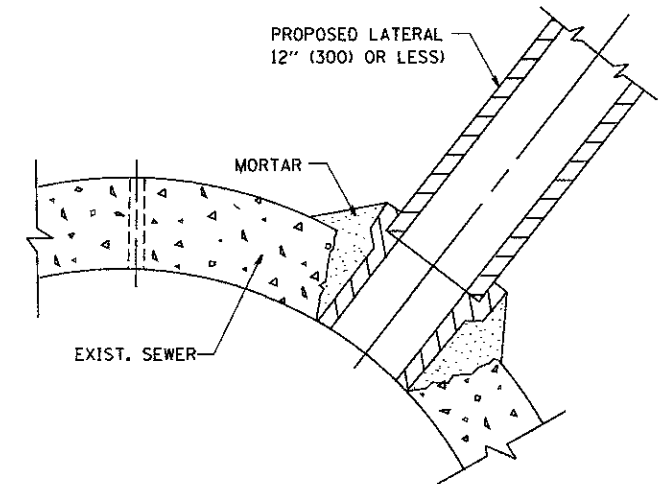


DETAIL "B"

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 OZZES 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

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "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.

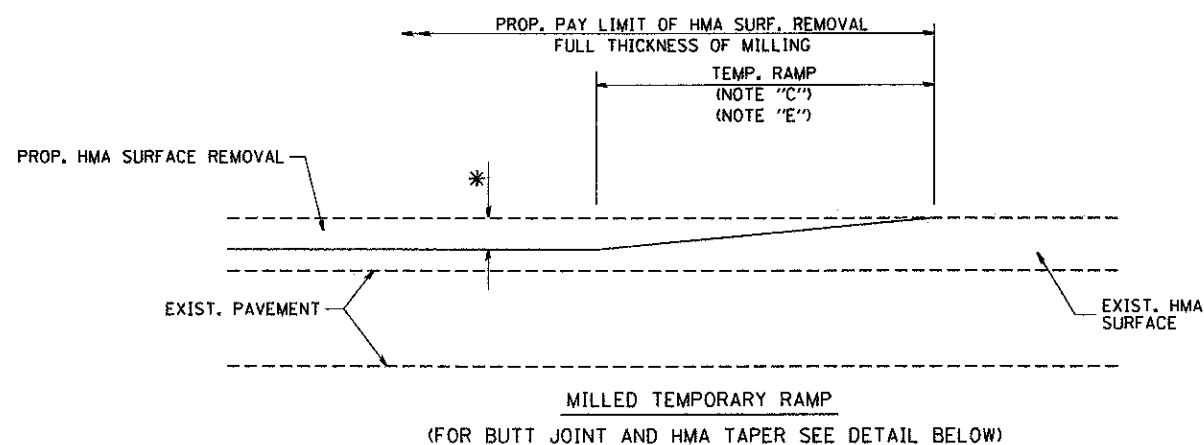
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

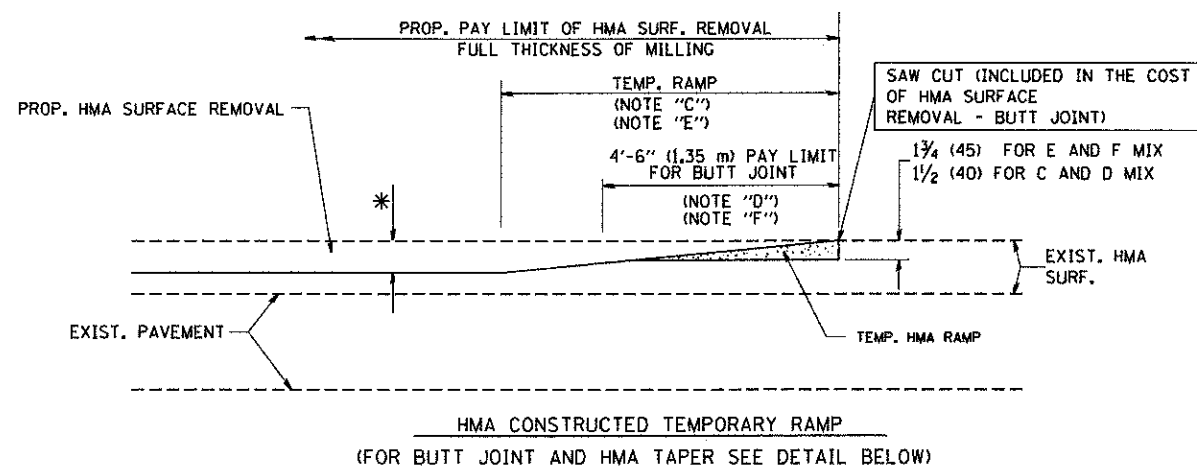
CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

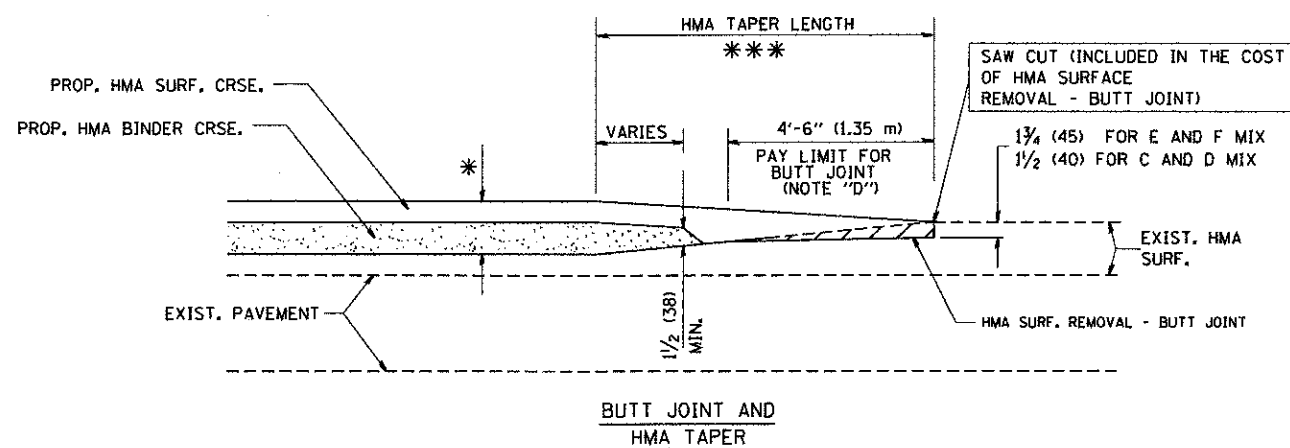
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	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - R. SHAH 09-09-94		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA. TO STA.	BD500-01 (BD-7)		CONTRACT NO. 63752	
	PLOT DATE = 1/4/2000	CHECKED -	REVISED - R. SHAH 10-25-94						FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	
		DATE = 07-25-90	REVISED - R. SHAH 06-12-96									



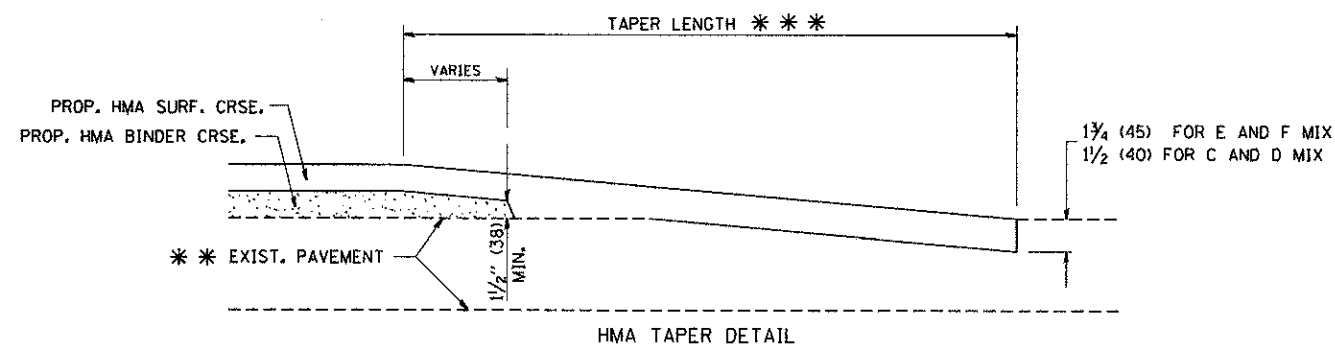
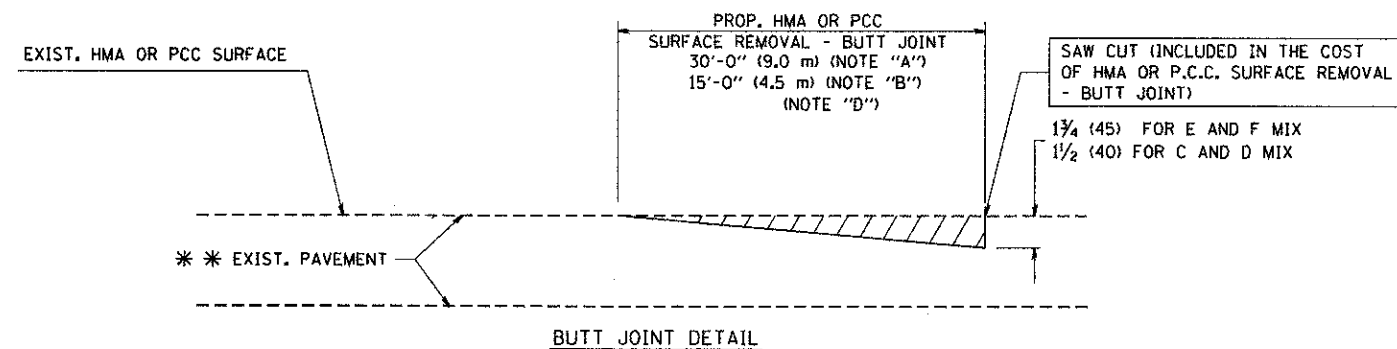
OPTION 1



**OPTION 2
TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING**



**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".

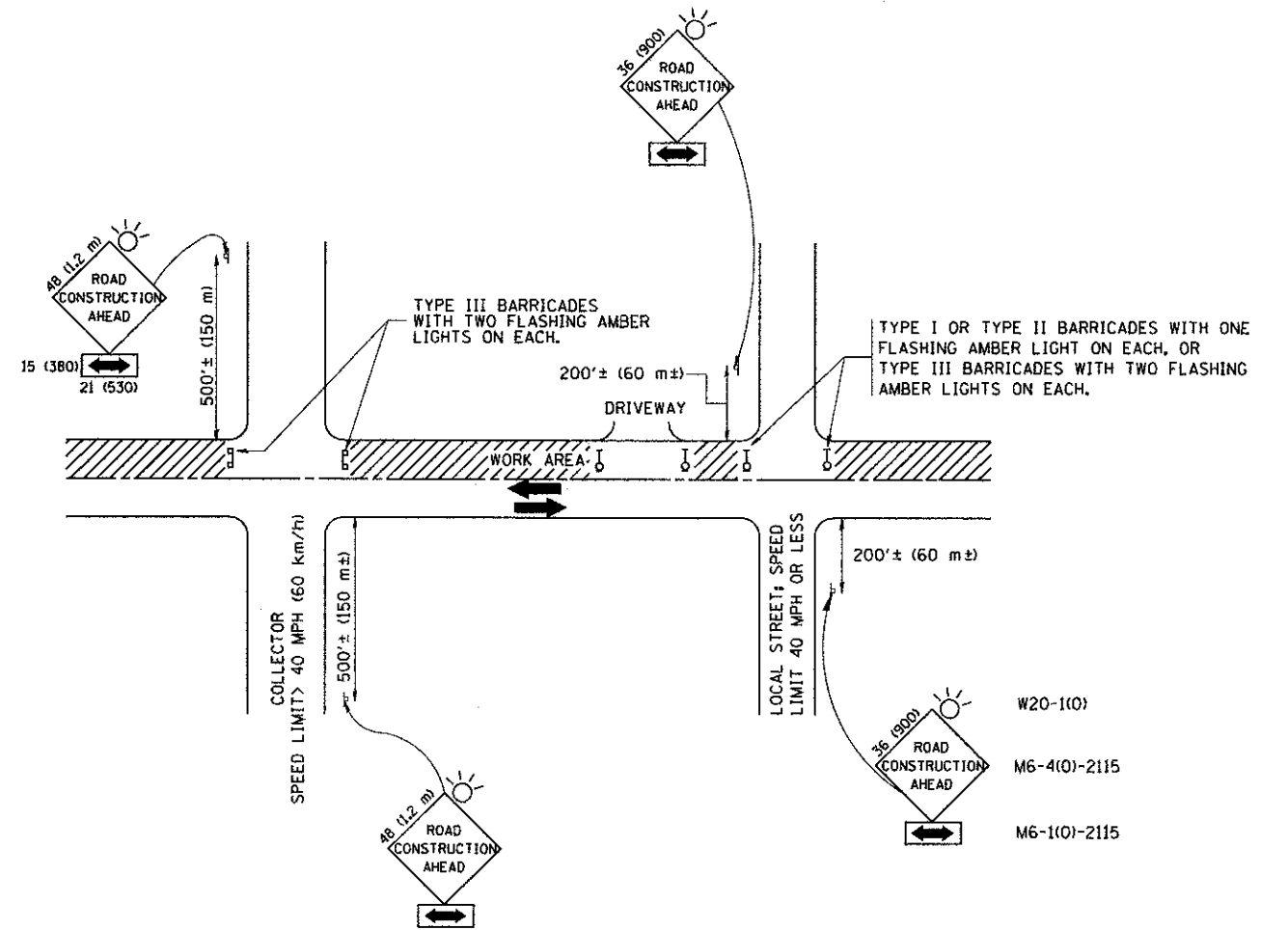
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	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		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD400-05 BD32 CONTRACT NO. 63752		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			56	36



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.

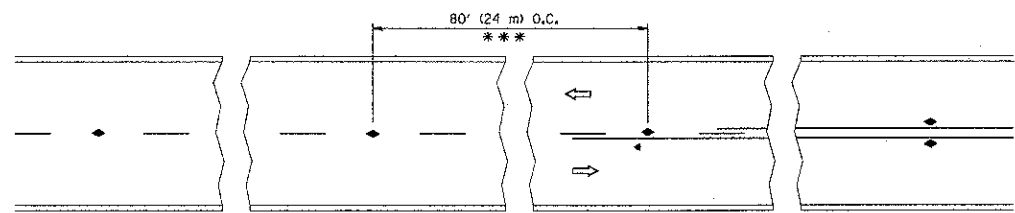
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		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

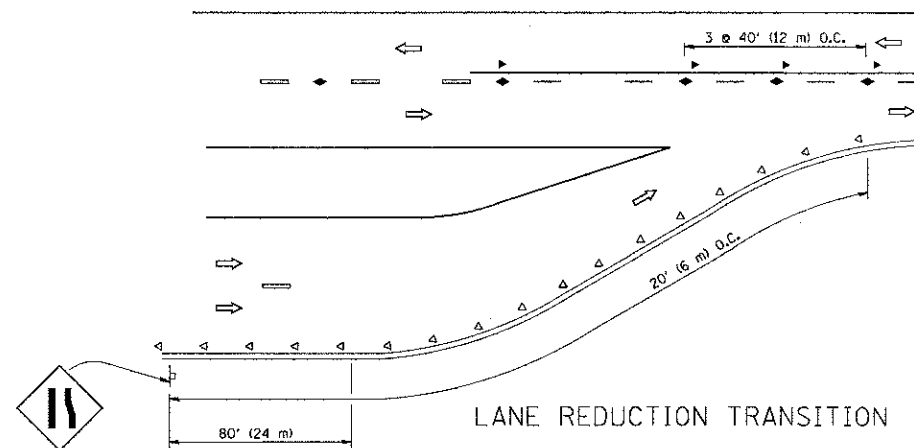
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F.A. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 37
TC-10			CONTRACT NO. 63752	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

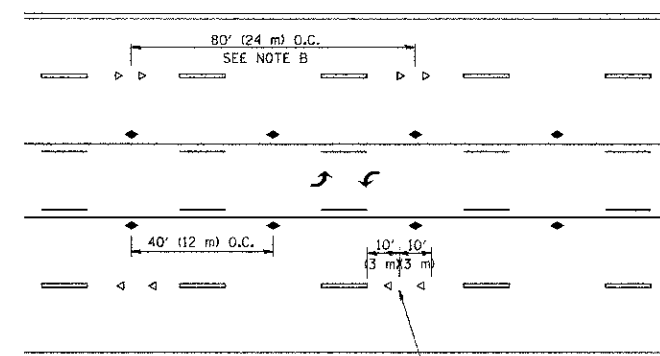


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

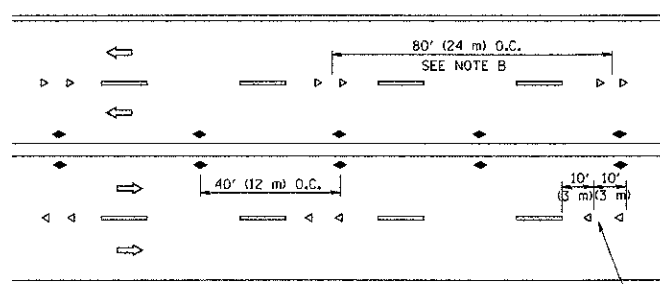
TWO-LANE/TWO-WAY



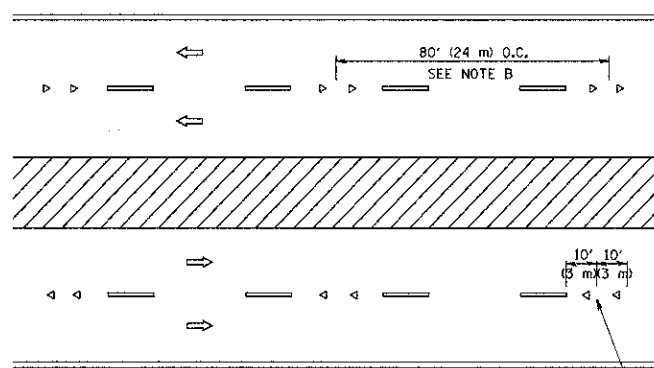
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

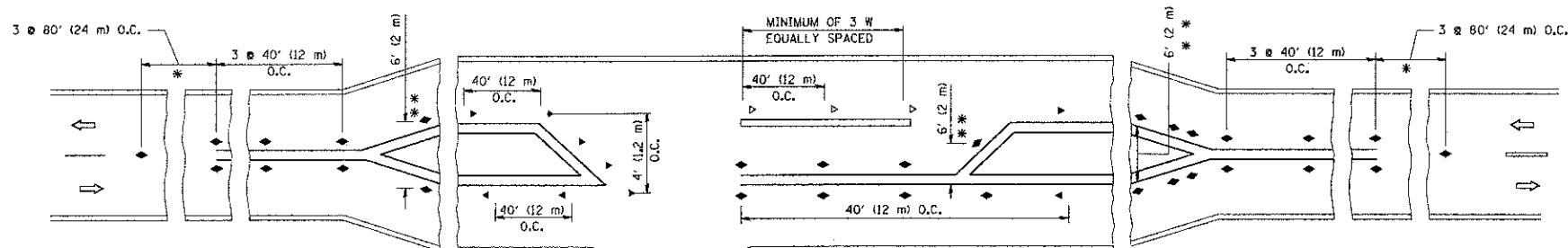
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

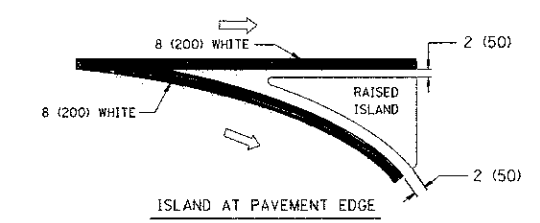
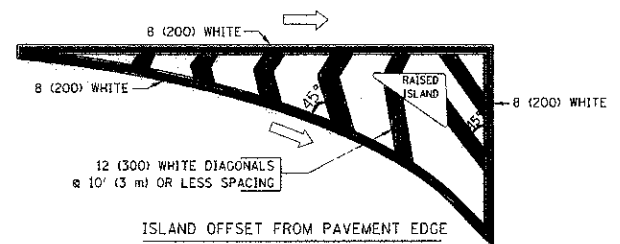
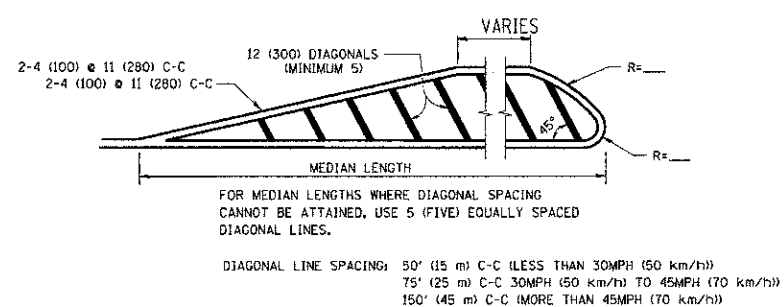
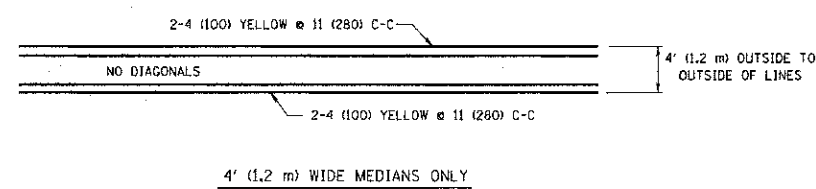
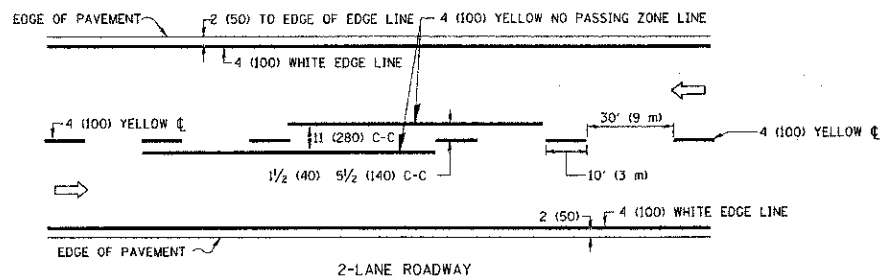


LEFT TURN

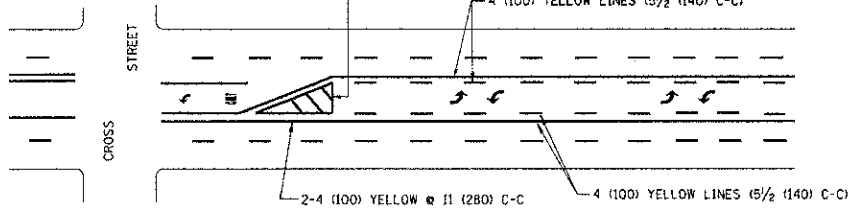
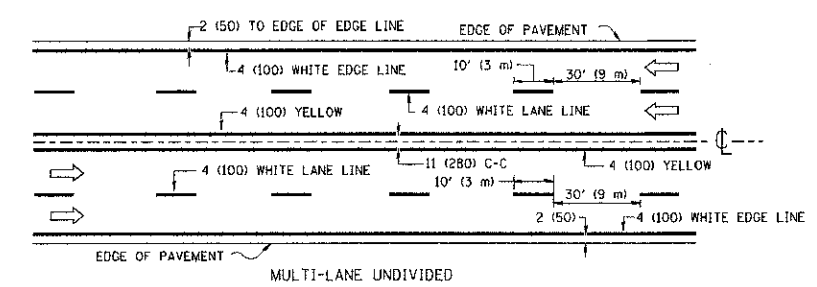
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

All dimensions are in inches (millimeters) unless otherwise shown.

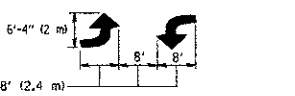
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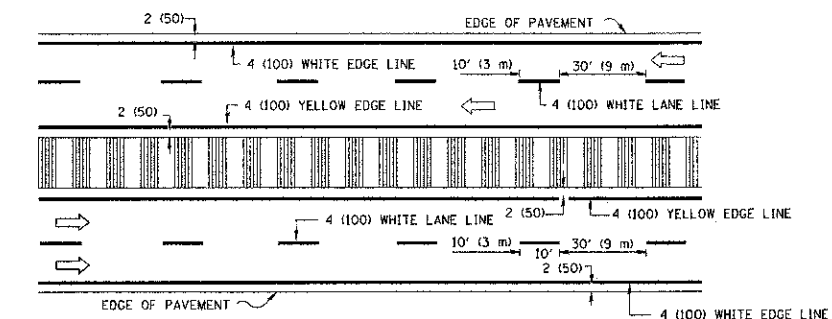
TYPICAL ISLAND MARKING



TYPICAL PAINTED MEDIAN MARKING

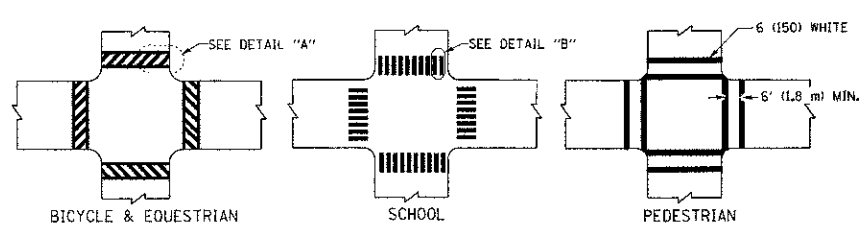


TYPICAL TURN LANE MARKING

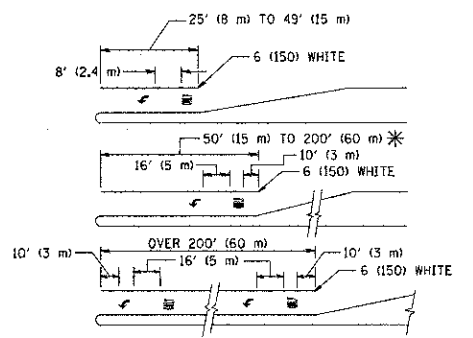


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* 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".

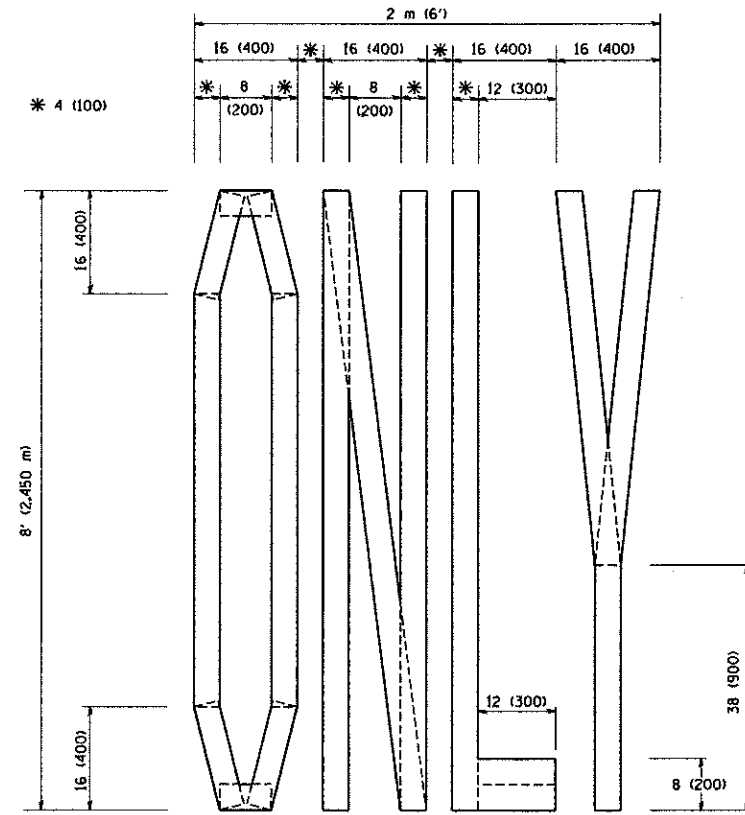
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

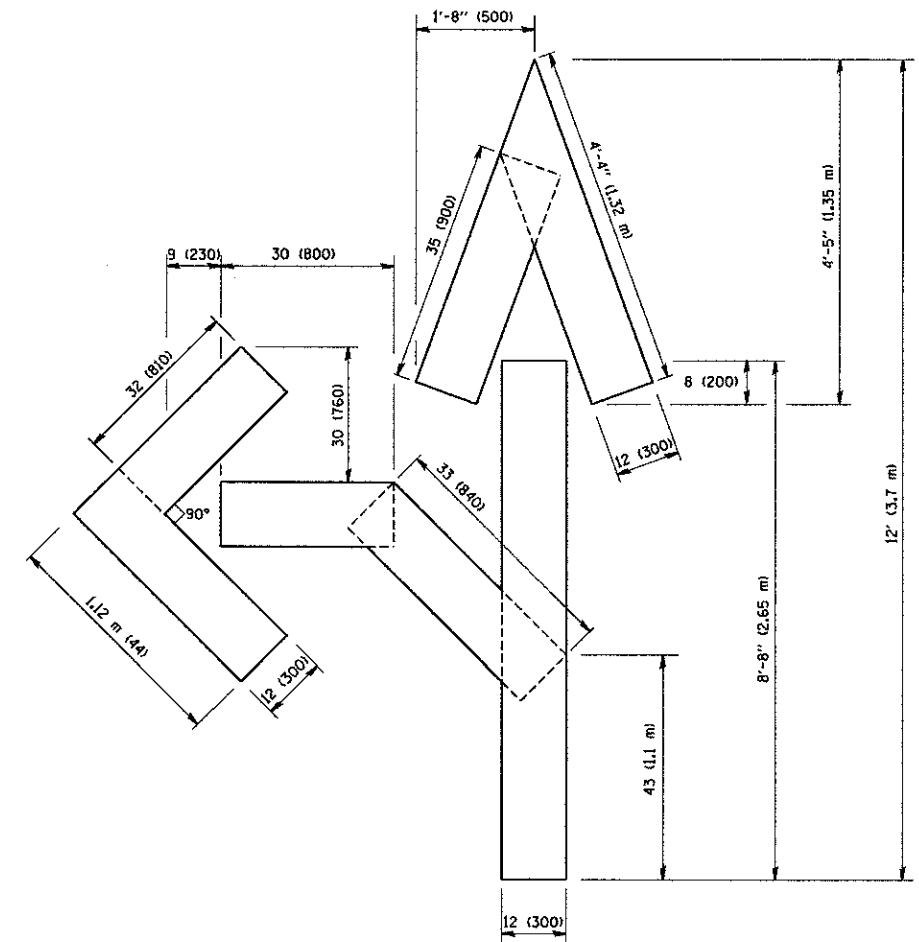
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 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.
GORE 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 (30 MPH (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 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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.

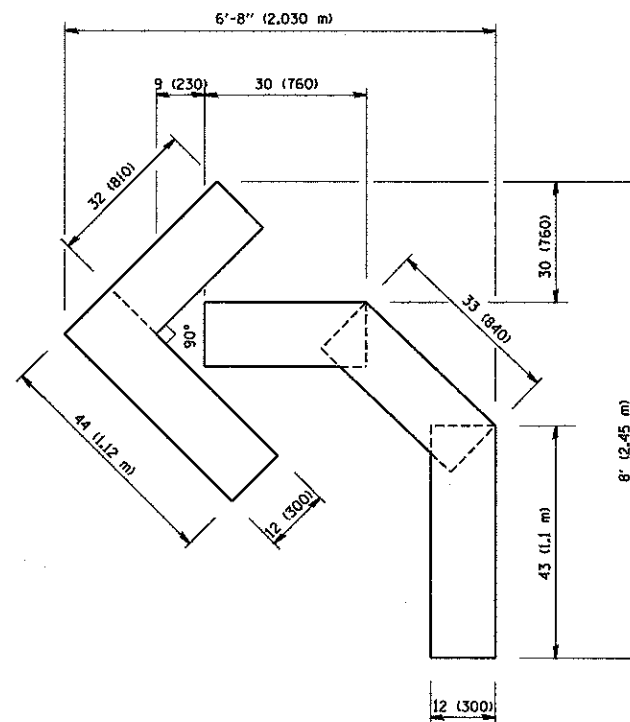
All dimensions are in inches (millimeters) unless otherwise shown.



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.

FILE NAME = w:\disto\22x34\to16.dgn	USER NAME = gegirencbt	DESIGNED - DRAWN -	REVISED -T. RAMMACHER 06-05-96 REVISED -T. RAMMACHER 11-04-97 REVISED -T. RAMMACHER 03-02-98 REVISED -E. GOMEZ 08-28-00
PLOT SCALE = 50.0000" / IN.	CHECKED -	DATE = 09-18-94	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

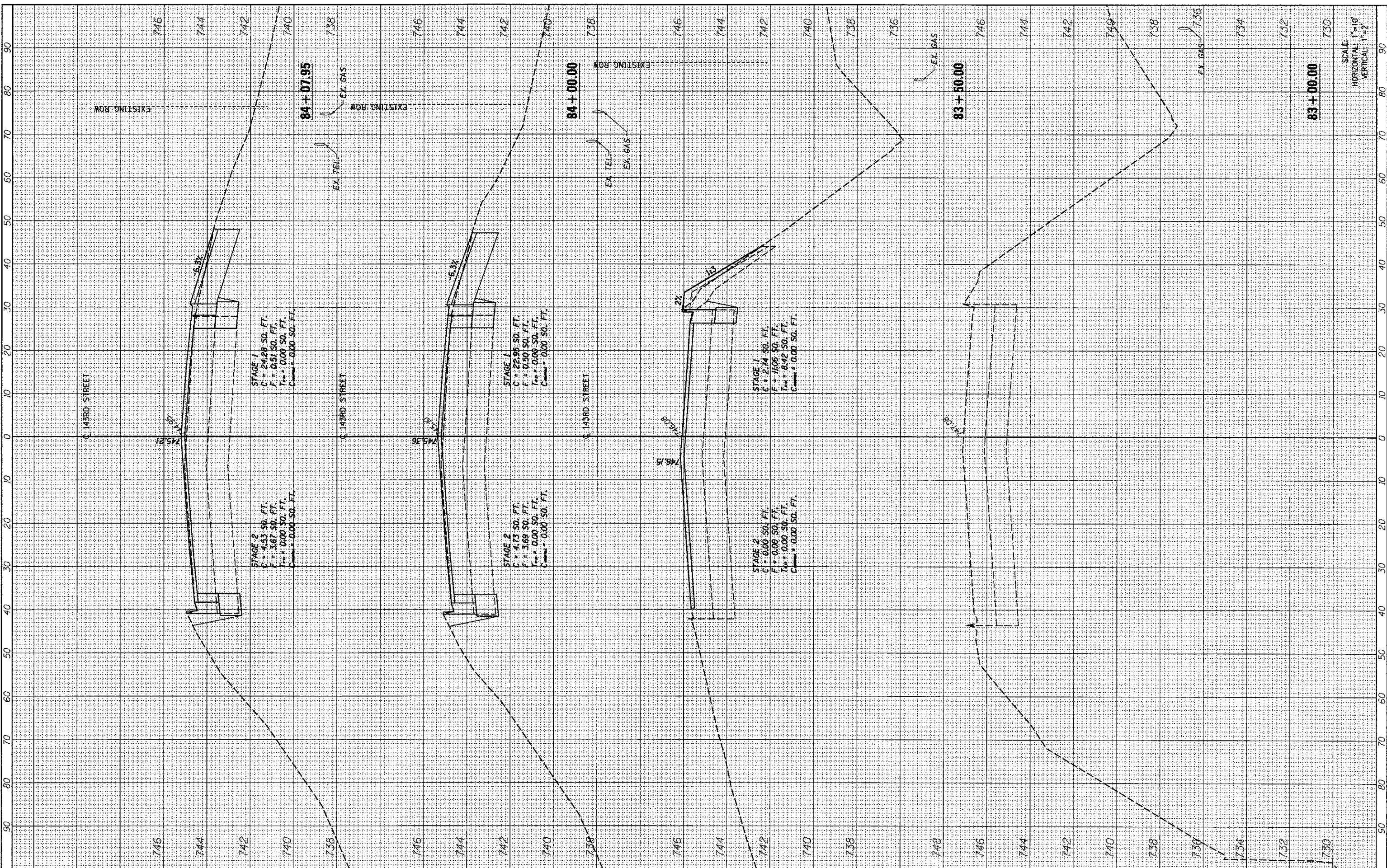
PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	40
TC-16			CONTRACT NO. 63752	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
REVISED	BY
NOTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
REVISED	BY
NOTED	
TEMPLATE	
AREAS	
CHECKED	



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 PLOT DATE = 9/25/2012

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 DRAWN - AP
 CHECKED - GAO
 DATE - 09/28/2012

REVISED -
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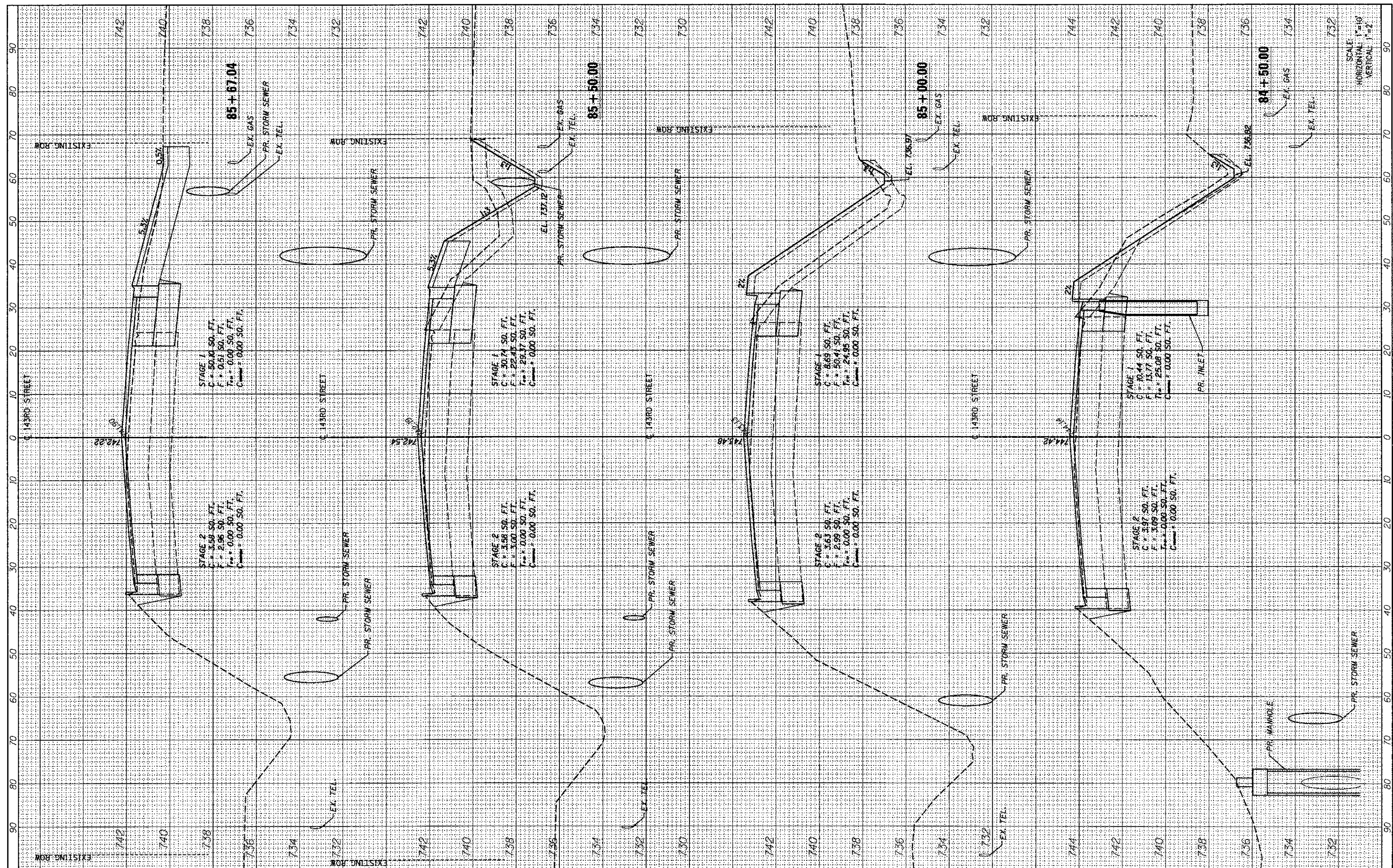
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 1 OF 15 SHEETS STA. 83+00.00 TO STA. 84+07.95

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	41
CONTRACT NO. 63752				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
DATE		

ORIGINAL SURVEY	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
DATE		



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 PLOT SCALE = #SCALE#
 PLOT DATE = 9/25/2012

DESIGNED - MC
 DRAWN - AP
 CHECKED - GAO
 DATE - 09/28/2012

REVISED -
 REVISED -
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 REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

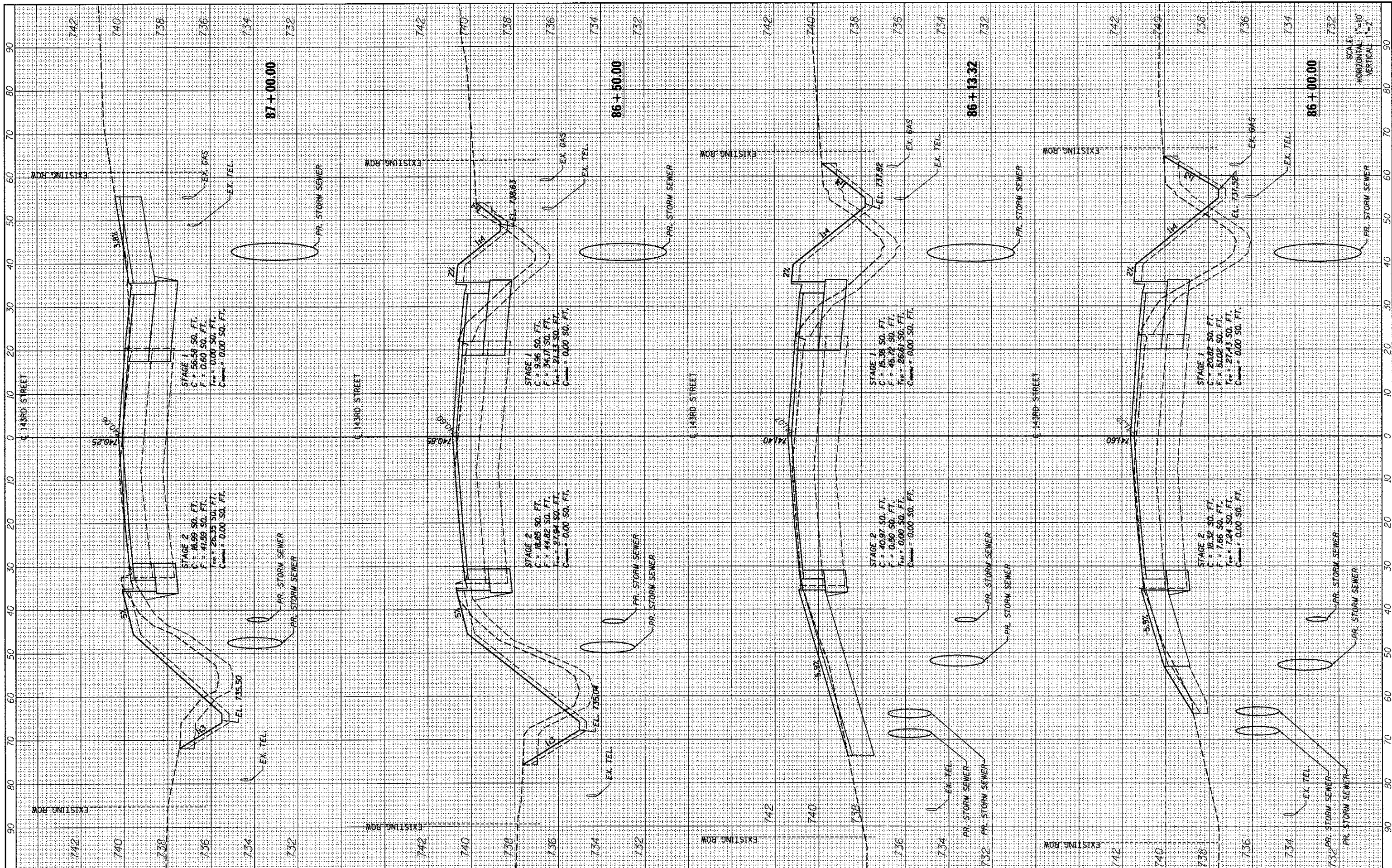
143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 2 OF 15 SHEETS STA. 84+50.00 TO STA. 85+67.02

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL.	55	42
CONTRACT NO. 63752				
ILLINOIS FED. AID PROJECT				

SCALE:
 HORIZONTAL 1"=10'
 VERTICAL 1"=2'

DATE	BY
SURVEYED	SURVEYED
TEMPLATE	TEMPLATE
NOTE BOOK	NOTE BOOK
AREAS CHECKED	AREAS CHECKED
NO.	NO.

DATE	BY
SURVEYED	SURVEYED
TEMPLATE	TEMPLATE
NOTE BOOK	NOTE BOOK
AREAS CHECKED	AREAS CHECKED
NO.	NO.



FILE NAME :
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 PLOT SCALE = #SCALE#
 PLOT DATE = 9/25/2012

DESIGNED - MC
 DRAWN - AP
 CHECKED - GAO
 DATE - 09/28/2012

REVISED -
 REVISED -
 REVISED -
 REVISED -



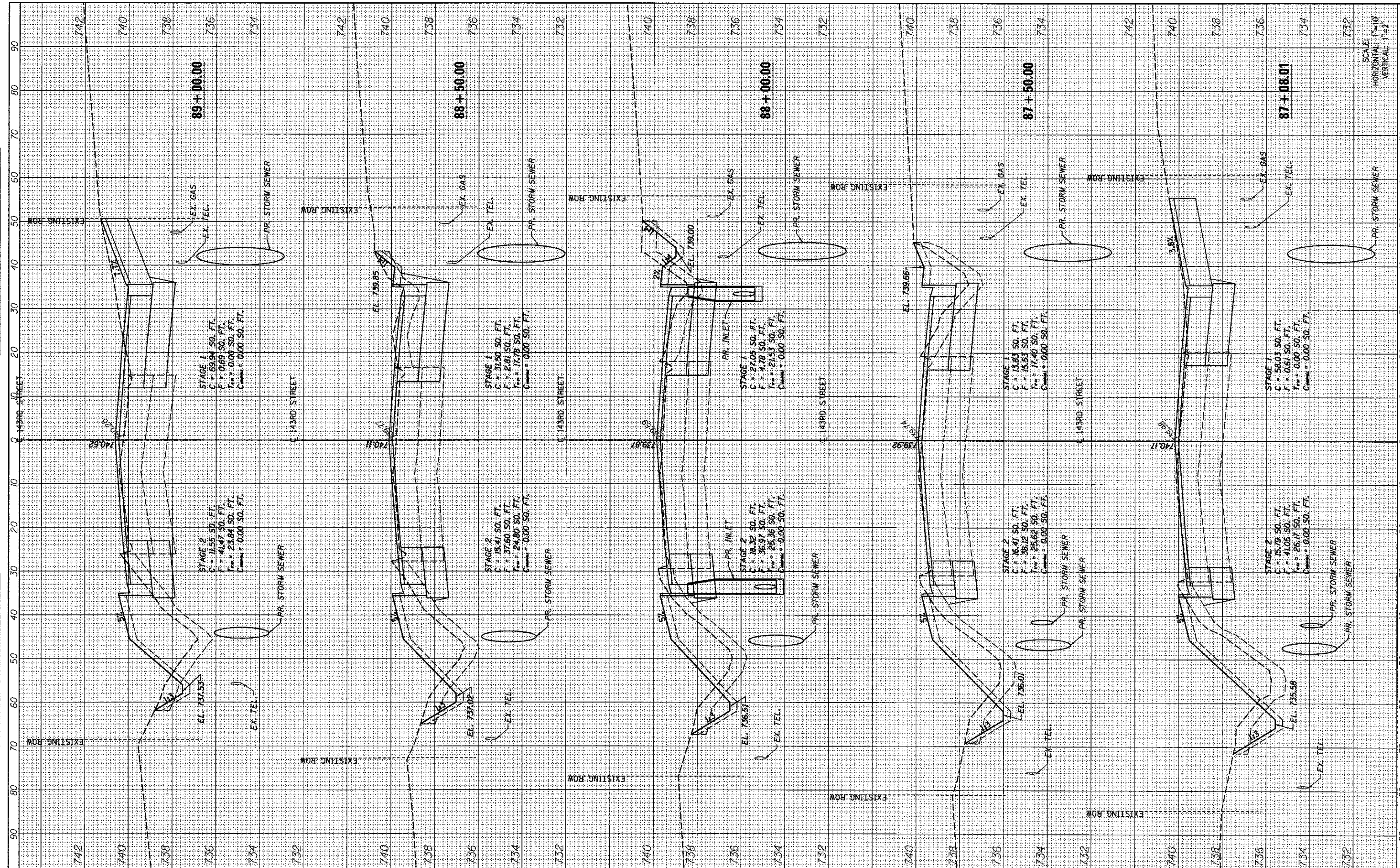
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 3 OF 15 SHEETS STA. 86+00.00 TO STA. 87+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	43
CONTRACT NO. 63752				ILLINOIS FED. AID PROJECT

FINAL SURVEY
 DESIGNED BY
 DRAWN BY
 CHECKED BY
 DATE

ORIGINAL SURVEY
 PLOTTED BY
 TEMPLATE NO.
 NOTE BOOK NO.
 AREAS CHECKED



FILE NAME = ...\\w11Co-9185609-shr044-XS-4.dgn
 PLOT SCALE = #SCALE#
 PLOT DATE = 9/25/2012

DESIGNED - MC
 DRAWN - AP
 CHECKED - GAO
 DATE - 09/28/2012

REVISED -
 REVISED -
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 REVISED -

SEPSTEIN
 800 W. FULLTON ST. TEL: 312.444.9100
 CHICAGO, ILLINOIS FAX: 312.588.1217
 6061-1259 WEB: www.sepstein.com

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

143RD STREET CROSS SECTIONS

SCALE: SHEET NO. 4 OF 15 SHEETS STA. 87+09.39 TO STA. 89+00.00

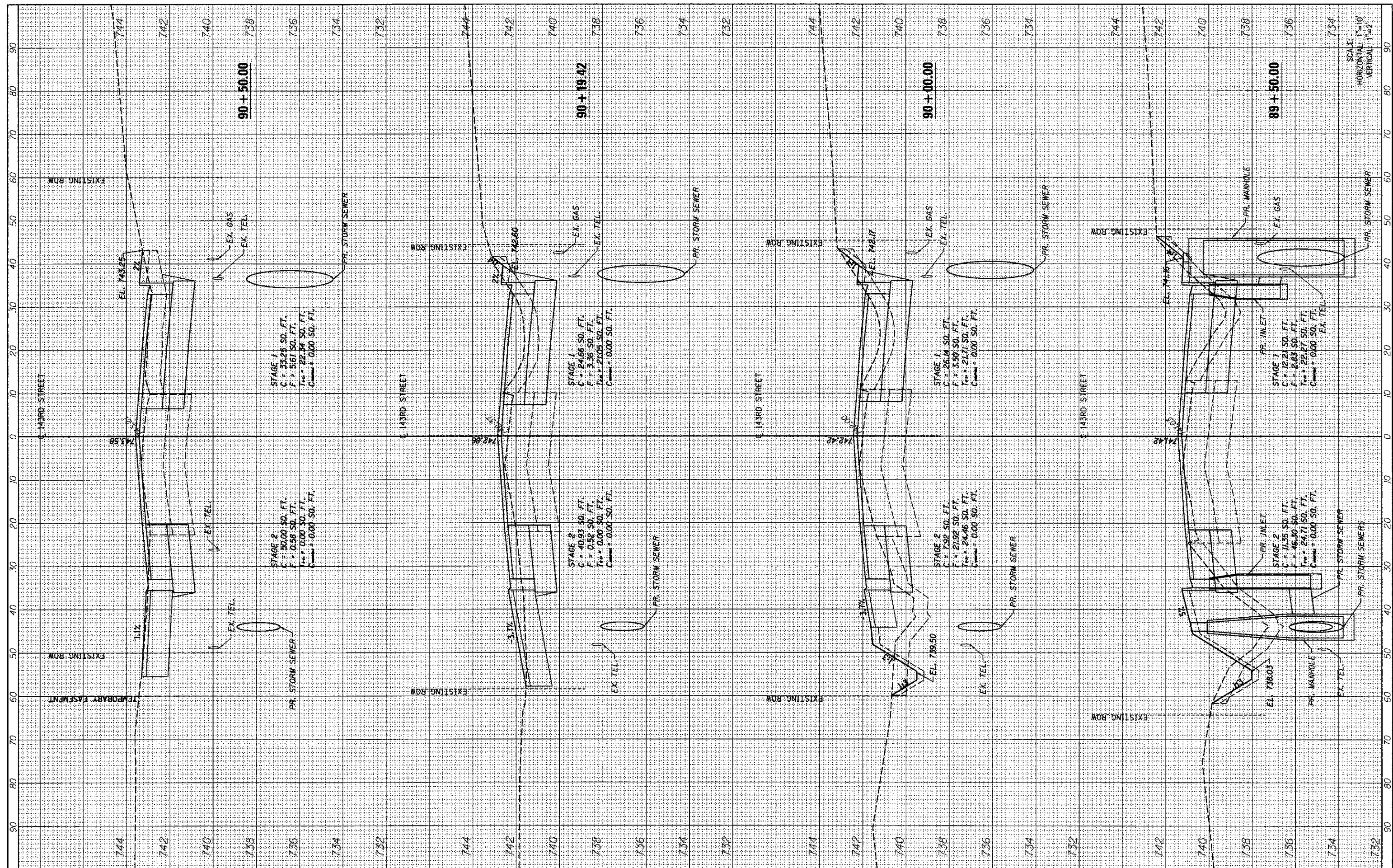
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	44

CONTRACT NO. 63752
 ILLINOIS FED. AID PROJECT

SCALE:
 HORIZONTAL 1"=10'
 VERTICAL 1"=2'

FINAL SURVEY	SURVEYED	BY	DATE
PLOTTED	PLOTTED		
NOTE BOOK	NOTE BOOK		
AREAS CHECKED	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
PLOTTED	PLOTTED		
NOTE BOOK	NOTE BOOK		
AREAS CHECKED	AREAS CHECKED		



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 PLOT SCALE = #SCALE#
 PLOT DATE = 9/25/2012

DESIGNED - MC	REVISED -
DRAWN - AP	REVISED -
CHECKED - GAO	REVISED -
DATE - 09/28/2012	REVISED -

SEPSTEIN
 860 N. PULASKI ST.
 CHICAGO, ILLINOIS 60611-1528
 TEL: 312.454.9110
 FAX: 312.536.1277
 WEB: www.sepstein.com

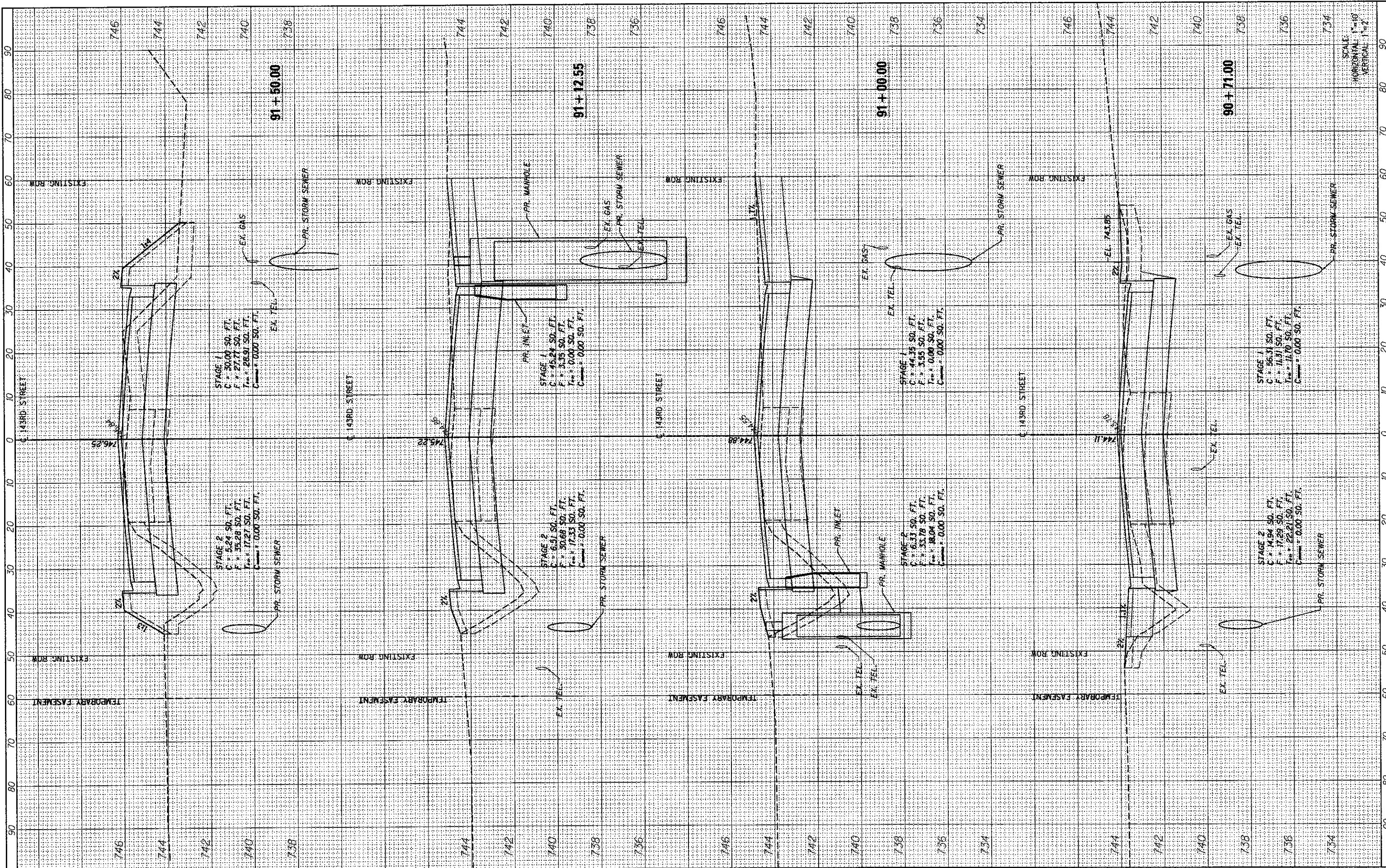
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 5 OF 15 SHEETS STA. 89+50.00 TO STA. 90+50.00

F.A. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 45
CONTRACT NO. 63752				
ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



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 PLOT SCALE = 9SCALE6
 PLOT DATE = 10/15/2012

DESIGNED - MC	REVISED -
DRAWN - AP	REVISED -
CHECKED - GAO	REVISED -
DATE - 09/28/2012	REVISED -

SEPSTEIN
 800 W. PLAZA ST.
 CHICAGO, ILLINOIS 60611-1569
 TEL: 312.404.8100
 FAX: 312.404.1217
 WWW.SEPSTEIN.COM

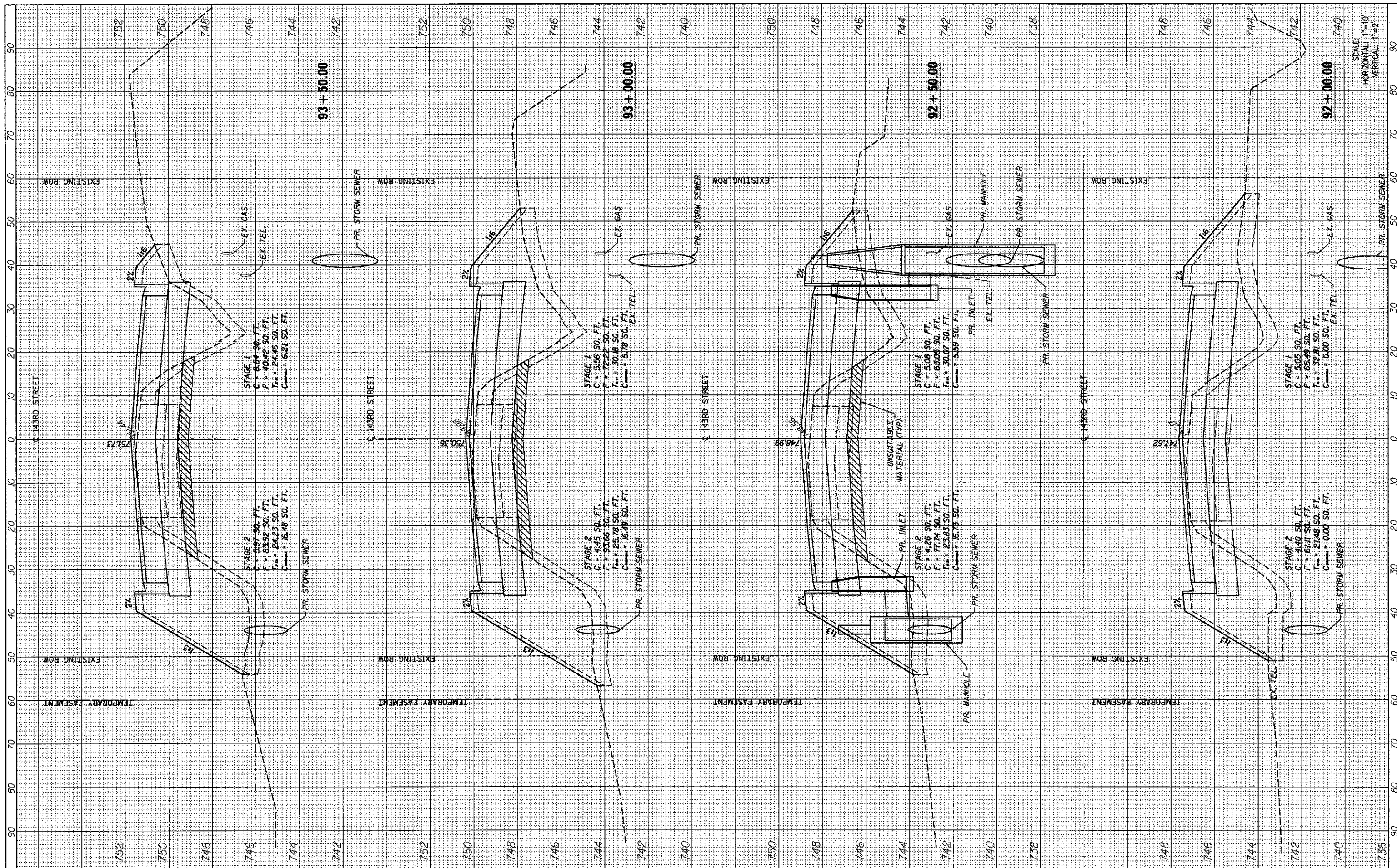
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 6 OF 15 SHEETS STA. 90+70.84 TO STA. 91+50.00

F.A. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 46
CONTRACT NO. 63752				ILLINOIS FED. AID PROJECT

FINAL SURVEY	DATE
SURVEYED	
PLANNED	
NOTED	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	
PLANNED	
NOTED	
AREAS CHECKED	



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 PLOT DATE = 10/15/2012

DESIGNED - MC
 DRAWN - AP
 CHECKED - GAO
 DATE - 09/28/2012

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

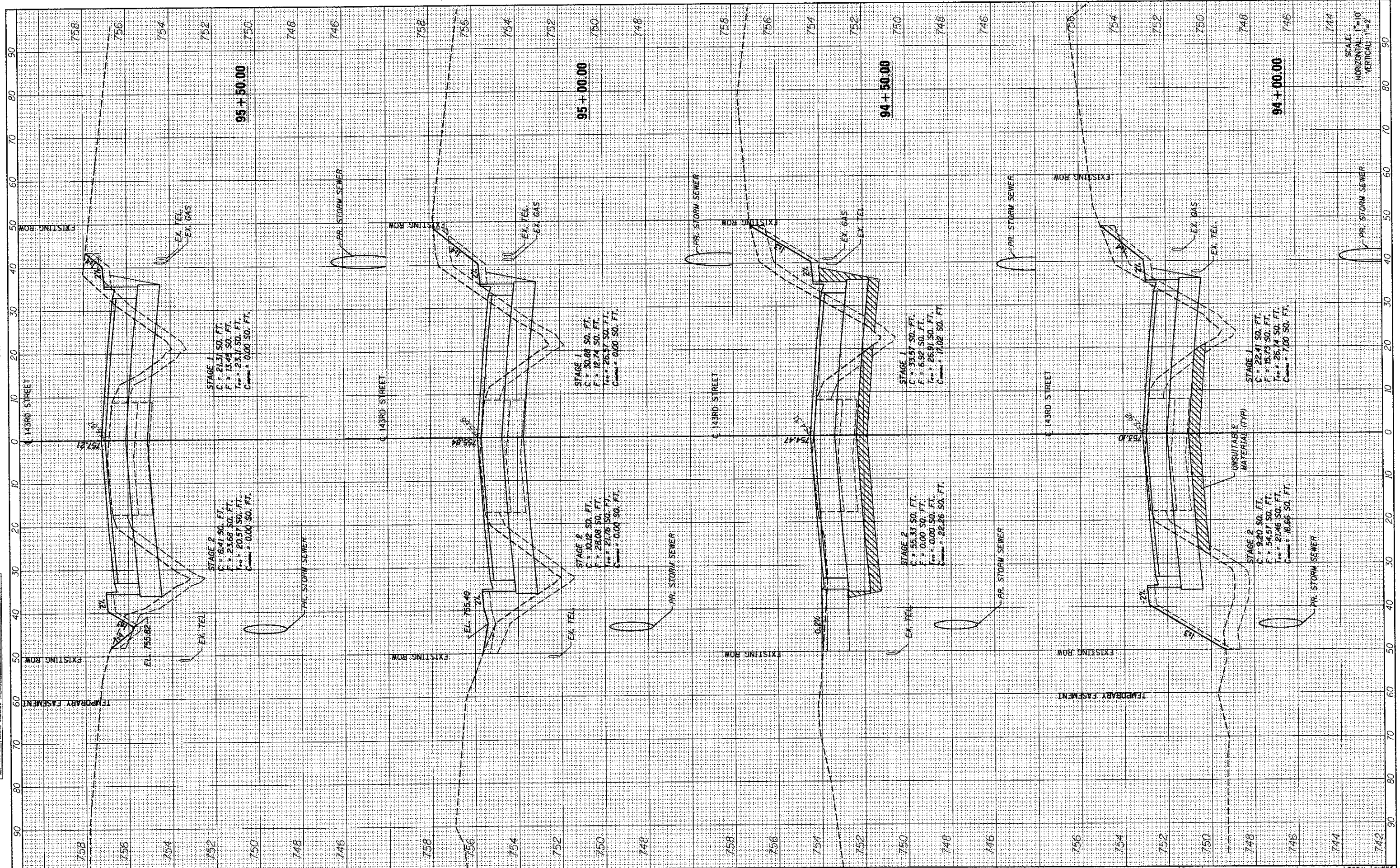
143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 7 OF 13 SHEETS STA. 92+00.00 TO STA. 93+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	47
CONTRACT NO. 63752			ILLINOIS FED. AID PROJECT	

SCALE:
 HORIZONTAL 1"=10'
 VERTICAL 1"=2'

FINAL SURVEY	CHECKED	DATE
NOTED	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	CHECKED	DATE
NOTED	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



FILE NAME = ...\\illco-9185609-ahd046-XS-8.dgn
 PLOT SCALE = 1/8"=1'-0"
 PLOT DATE = 9/28/2012

DESIGNED - MC	REVISED -
DRAWN - AP	REVISED -
CHECKED - GAO	REVISED -
DATE - 09/28/2012	REVISED -

SEPSTEIN
 600 W. FULLERTON ST.
 CHICAGO, ILLINOIS 60611-4203
 TEL. 312.464.8100
 FAX 312.464.8211
 WWW.WWWW.SEPSTEIN.COM

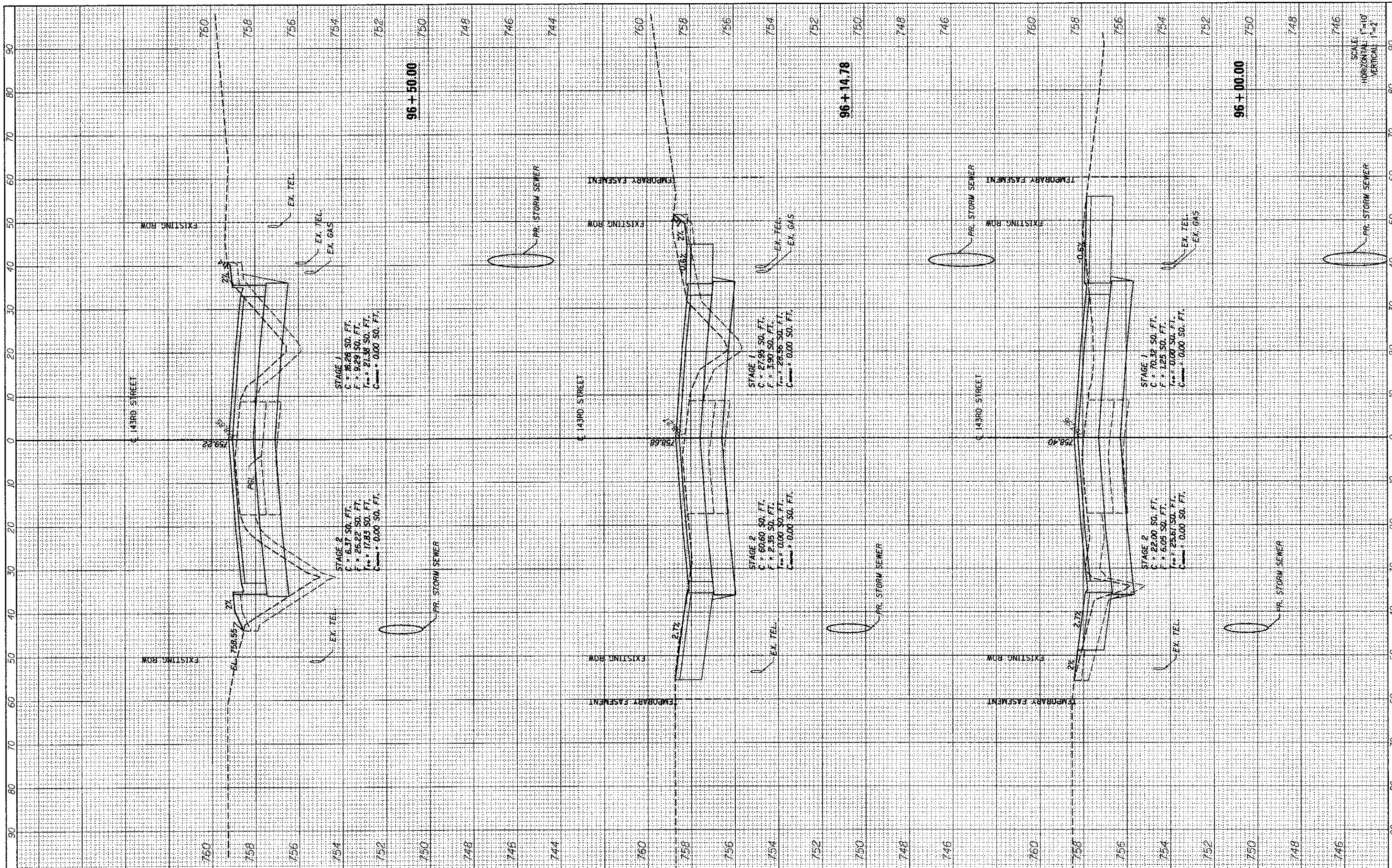
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 8 OF 15 SHEETS
 STA. 94+00.00 TO STA. 95+50.00

F.A. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 48
CONTRACT NO. 63752				
ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

BY	DATE
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = ...\\w111\co-9185609-ah1849-XS-9.dgn
 PLOT SCALE = #SCALE#
 PLOT DATE = 9/25/2012

DESIGNED - MC
 DRAWN - AP
 CHECKED - GAO
 DATE - 09/28/2012

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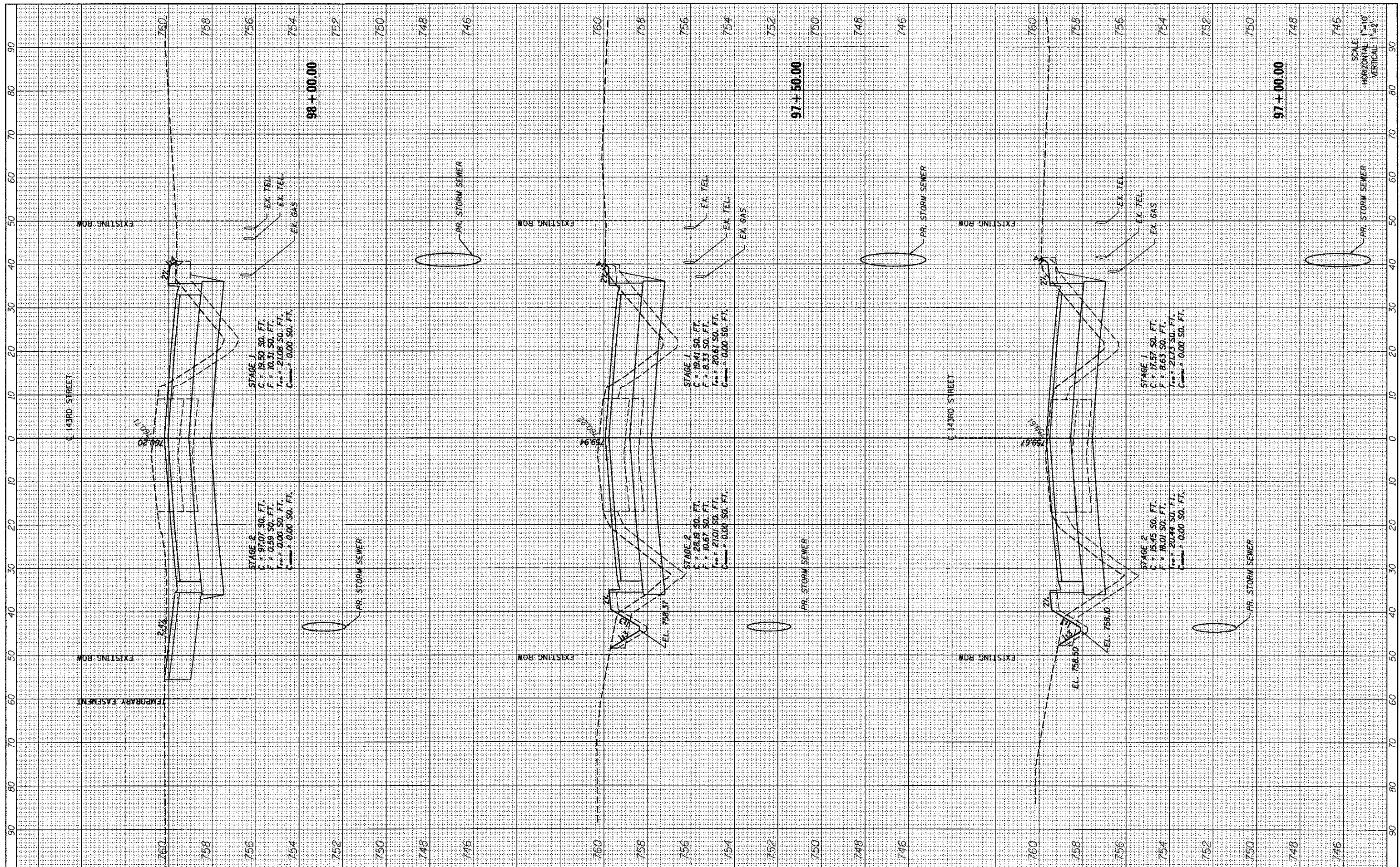
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 9 OF 15 SHEETS STA. 96+00.00 TO STA. 96+50.00

F.A. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 49
CONTRACT NO. 63752				
ILLINOIS FED. AID PROJECT				

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



FILE NAME = ...\\u11Co-9185609-ahs250-XS-10.dgn
 PLOT SCALE = #SCALE#
 PLOT DATE = 9/25/2012

DESIGNED - MC	REVISID -
DRAWN - AP	REVISID -
CHECKED - GAO	REVISID -
DATE - 09/28/2012	REVISID -

SEPSTEIN
 80 W. PULSON ST
 CHICAGO, ILLINOIS 60611-1212
 TEL: 312.481.9100
 FAX: 312.659.1217
 WEB: www.sepstein.com

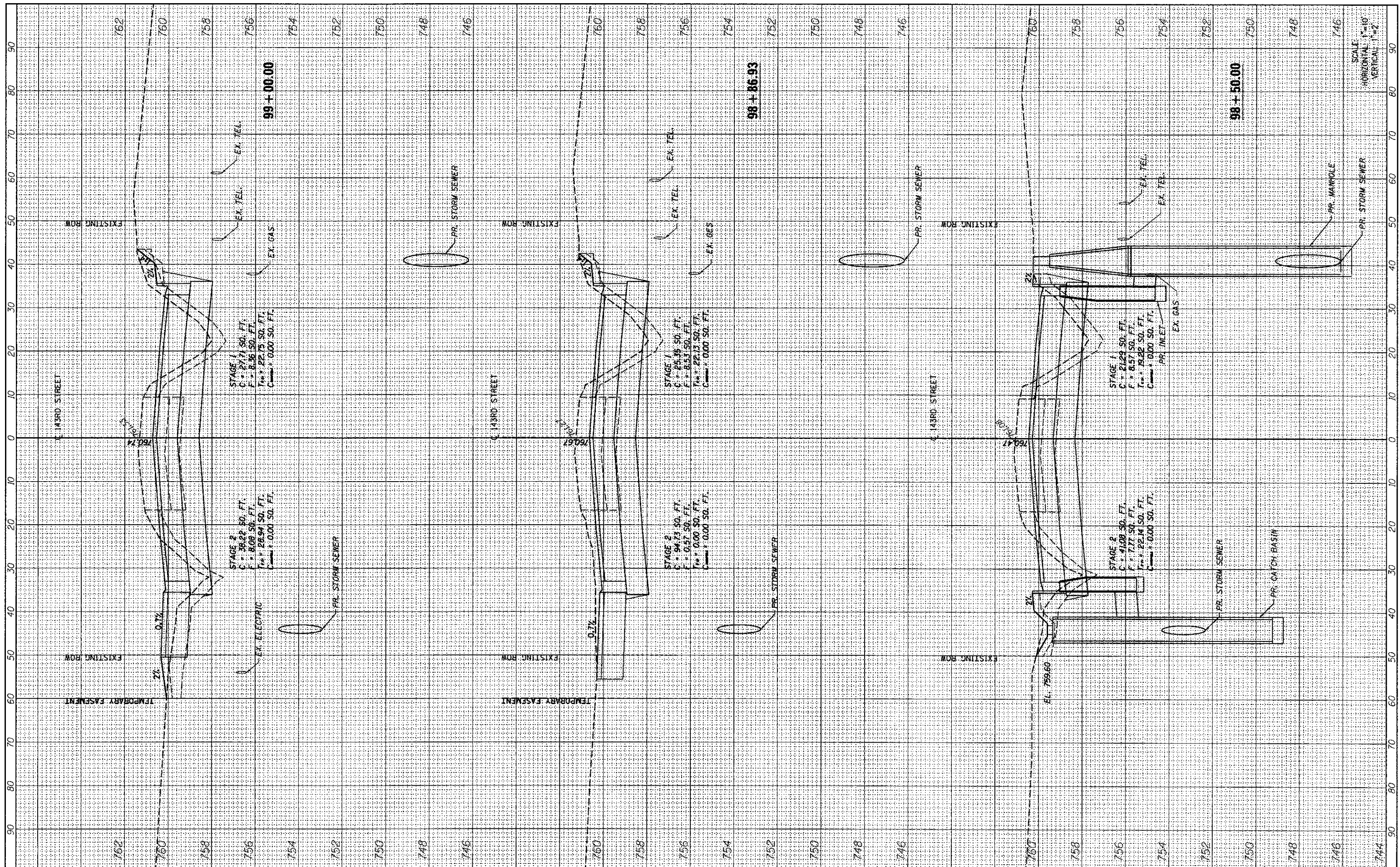
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 10 OF 15 SHEETS STA. 97+00.00 TO STA. 98+00.00

F.A. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 50
			CONTRACT NO. 63752	
ILLINOIS FED. AID PROJECT				

BY	DATE
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



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 PLOT SCALE = #SCALE#
 PLOT DATE = 9/25/2012

DESIGNED - MC	REVISED -
DRAWN - AP	REVISED -
CHECKED - GAO	REVISED -
DATE - 09/28/2012	REVISED -

SEPSTEIN
 NEW YORK, NY TEL: 311 464 1100
 CHICAGO, ILLINOIS FAX: 312 506 1217
 80661-1209 WEB: www.sepstein.com

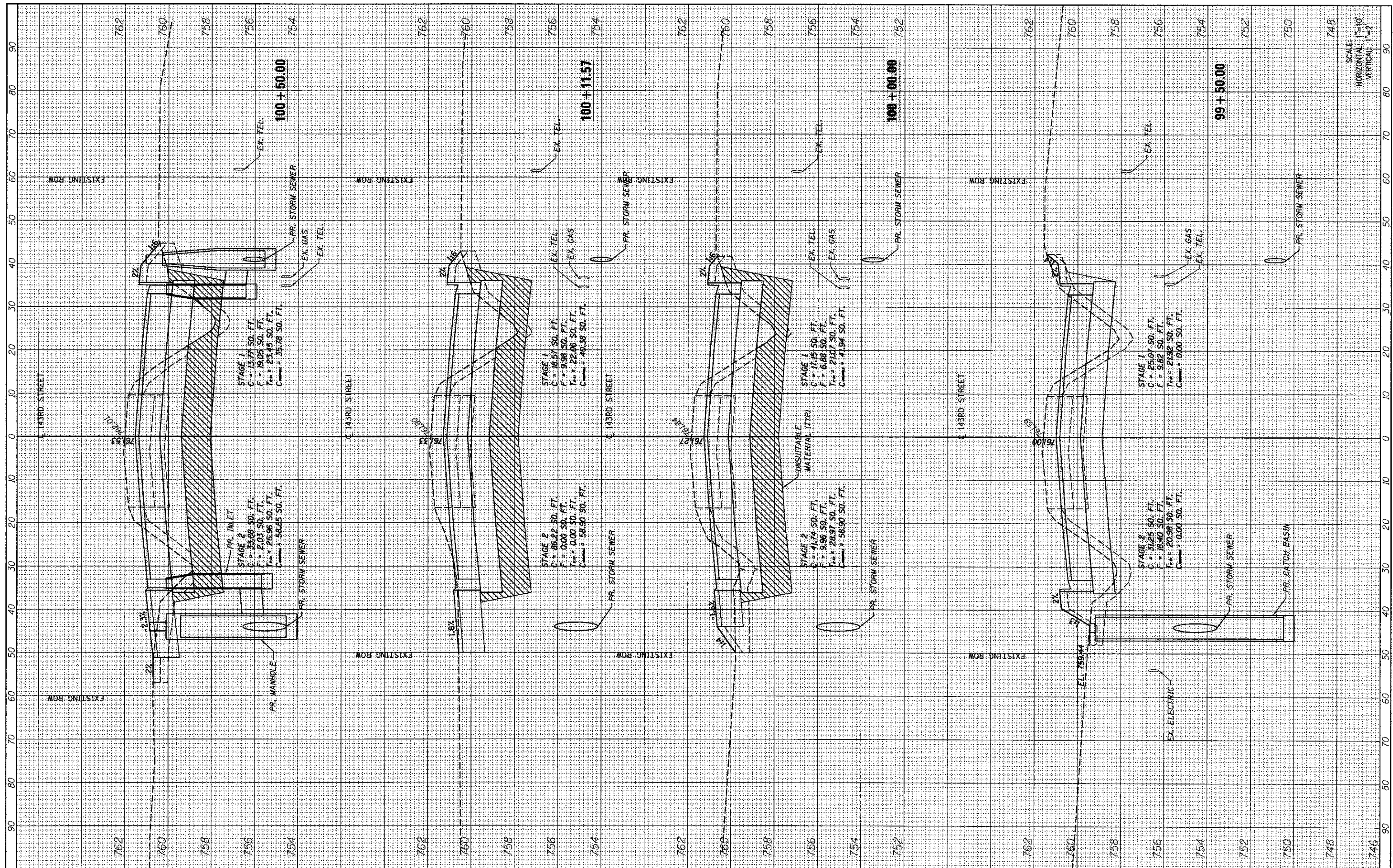
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 11 OF 15 SHEETS STA. 98+50.00 TO STA. 99+00.00

F.A. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 51
CONTRACT NO. 63752			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		



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 PLOT SCALE = *SCALE*
 PLOT DATE = 9/25/2012

DESIGNED - MC	REVISED -
DRAWN - AP	REVISED -
CHECKED - GAO	REVISED -
DATE - 09/28/2012	REVISED -

SEPSTEIN
 880 WILSON ST
 CHICAGO, ILLINOIS 60611-1258
 TEL: 312 464 9100
 FAX: 312 559 1217
 WEB: www.sepstein.com

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 DEPARTMENT OF TRANSPORTATION**

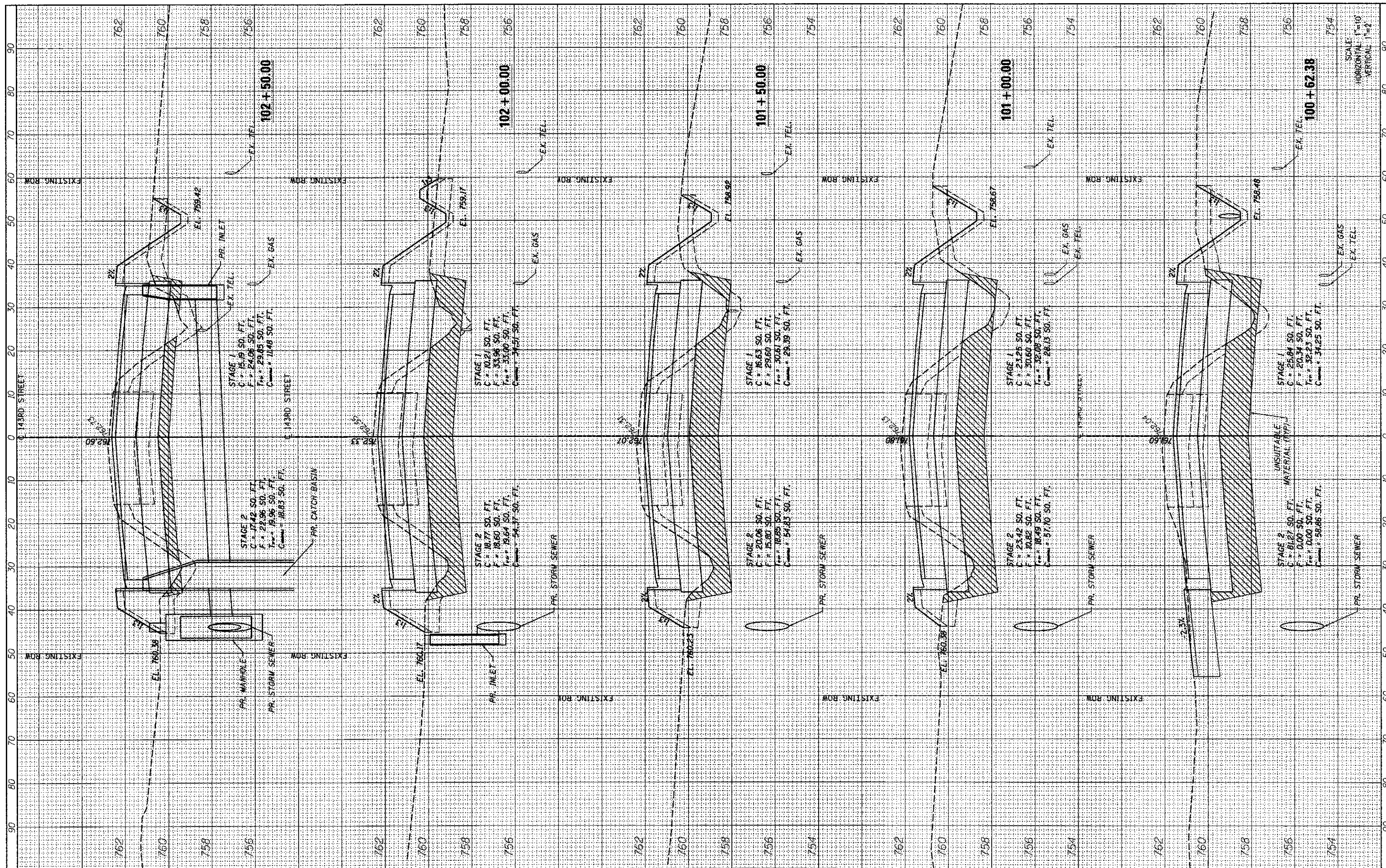
143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 12 OF 15 SHEETS | STA. 99+00.00 TO STA. 100+11.42

F.A. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 52
CONTRACT NO. 63752			ILLINOIS FED. AID PROJECT	

SCALE
 HORIZONTAL 1"=10'
 VERTICAL 1"=2'

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
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DATE	BY
ORIGINAL SURVEY	PLOTTED
NOTE BOOK	AREAS CHECKED
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 PLOT DATE = 9/25/2012

DESIGNED	- MC	REVISED	-
DRAWN	- AP	REVISED	-
CHECKED	- GAO	REVISED	-
DATE	- 09/28/2012	REVISED	-



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

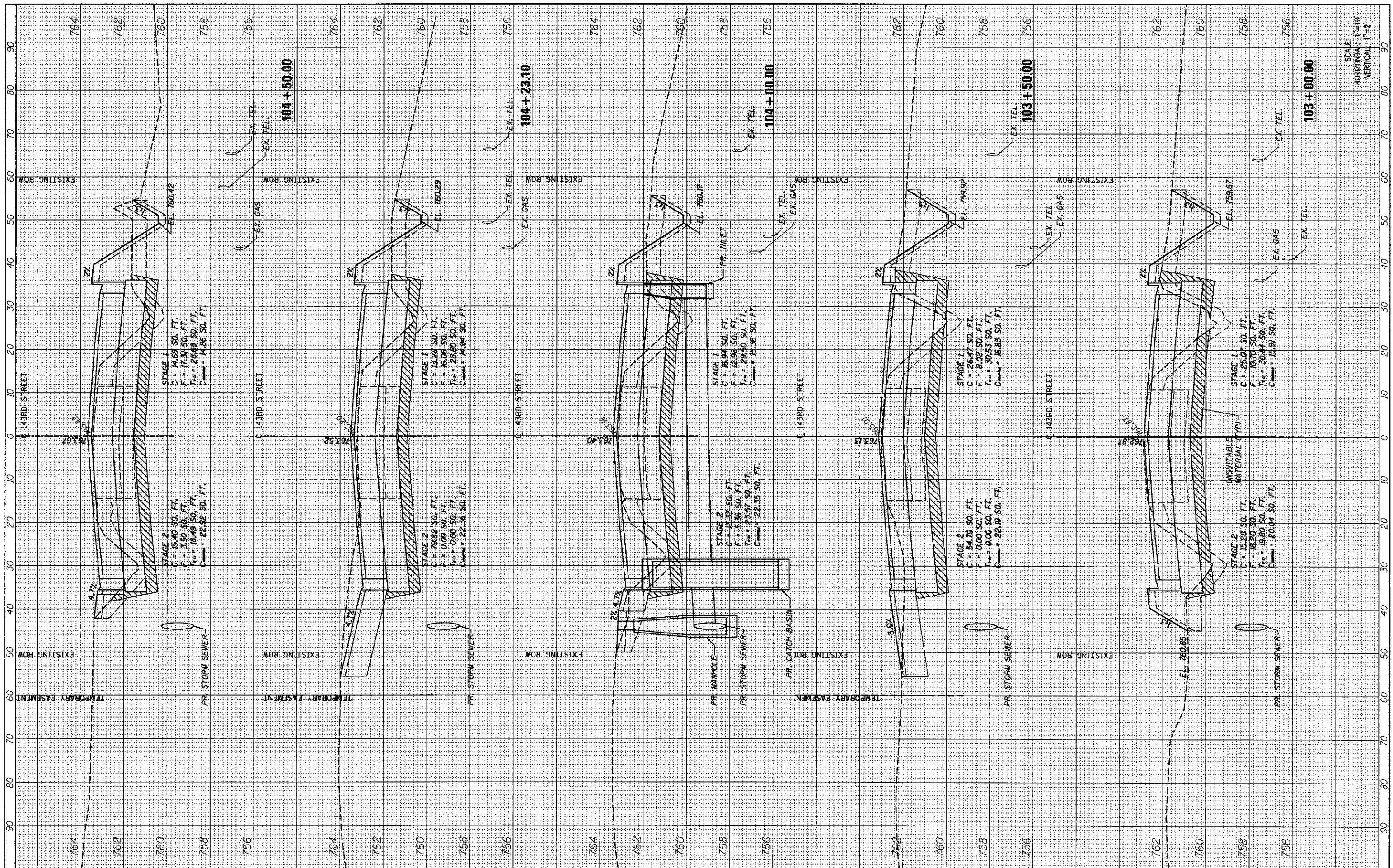
143RD STREET CROSS SECTIONS

SCALE: SHEET NO. 13 OF 15 SHEETS STA. 100+62.38 TO STA. 102+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	53
CONTRACT NO. 63752				
ILLINOIS FED. AID PROJECT				

BY	DATE
FINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

BY	DATE
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



SCALE
HORIZONTAL 1"=10'
VERTICAL 1"=2'

FILE NAME = ...\\w11Co-9185809-ah1254-XS-14.dgn
PLOT SCALE = #SCALE#
PLOT DATE = 9/25/2012

DESIGNED - MC
DRAWN - AP
CHECKED - GAO
DATE - 09/28/2012

REVISED -
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REVISED -



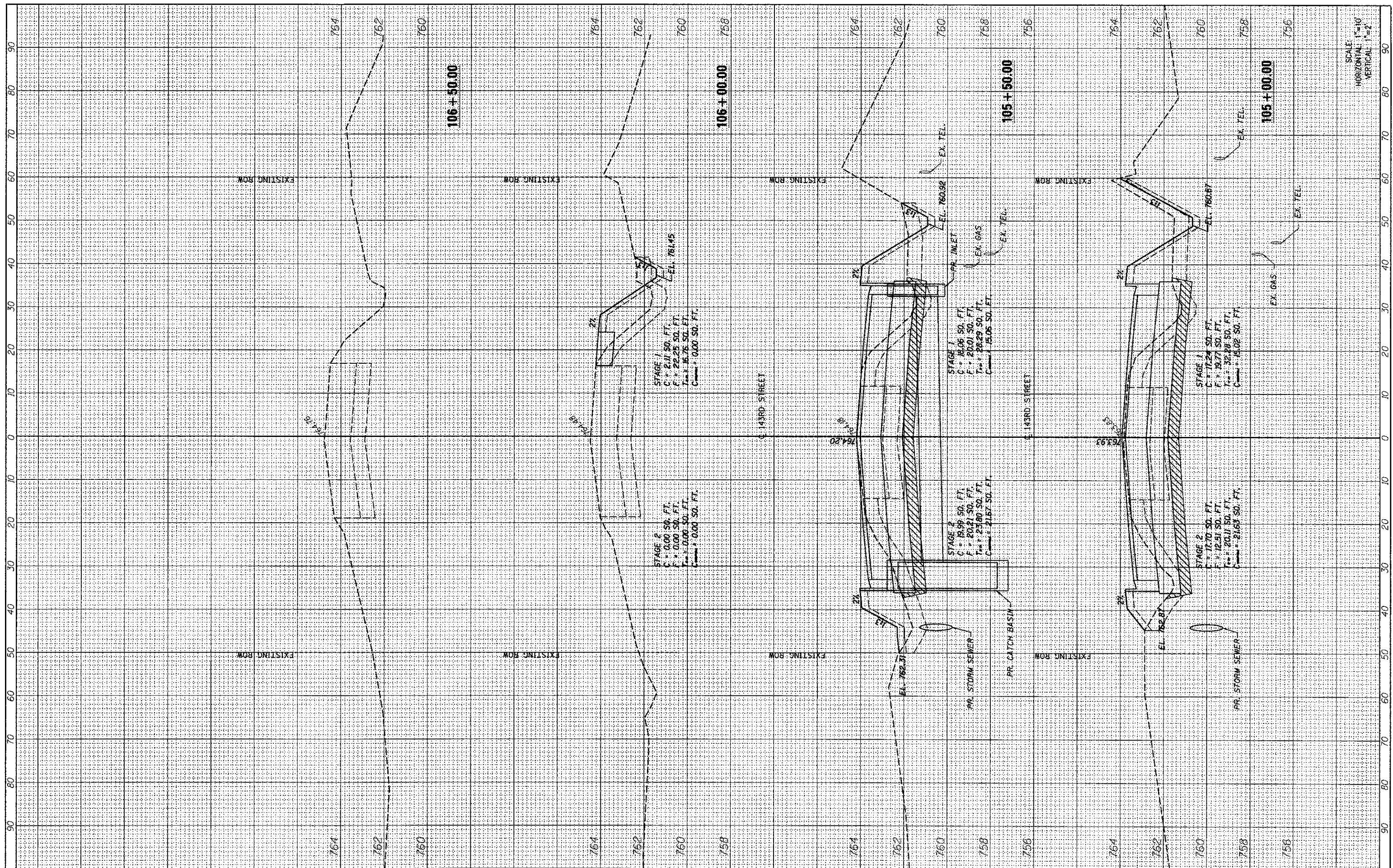
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

143RD STREET CROSS SECTIONS
SCALE: SHEET NO. 14 OF 15 SHEETS STA. 103+00.00 TO STA. 104+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	06-00169-14-FP	WILL	55	54
CONTRACT NO. 63752			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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FILE NAME = ...\\w11co-9185689-ah4855-X5-15.dgn
 PLOT SCALE = #SCALE#
 PLOT DATE = 9/25/2012

DESIGNED - MC
 DRAWN - AP
 CHECKED - GAO
 DATE - 09/28/2012

REVISED -
 REVISED -
 REVISED -
 REVISED -

SEPSTEIN
 88 W. FULTON ST. CHICAGO, ILLINOIS 60641-1493
 TEL. 312.454.4100 FAX 312.546.1277
 WEB www.sepstein.com

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143RD STREET CROSS SECTIONS
 SCALE: SHEET NO. 15 OF 15 SHEETS STA. 105+00.00 TO STA. 106+50.00

F.A. RTE. 1600	SECTION 06-00169-14-FP	COUNTY WILL	TOTAL SHEETS 55	SHEET NO. 55
CONTRACT NO. 63752			ILLINOIS FED. AID PROJECT	