

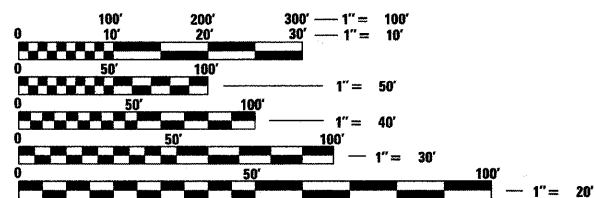
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	1
ILLINOIS		CONTRACT NO. 66983		

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- 878001-08 CONCRETE FOUNDATION DETAILS
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS
- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT



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

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

PROJECT ENGINEER: CRAIG S. REED P.E.  
UNIT CHIEF: MARK JONES P.E.

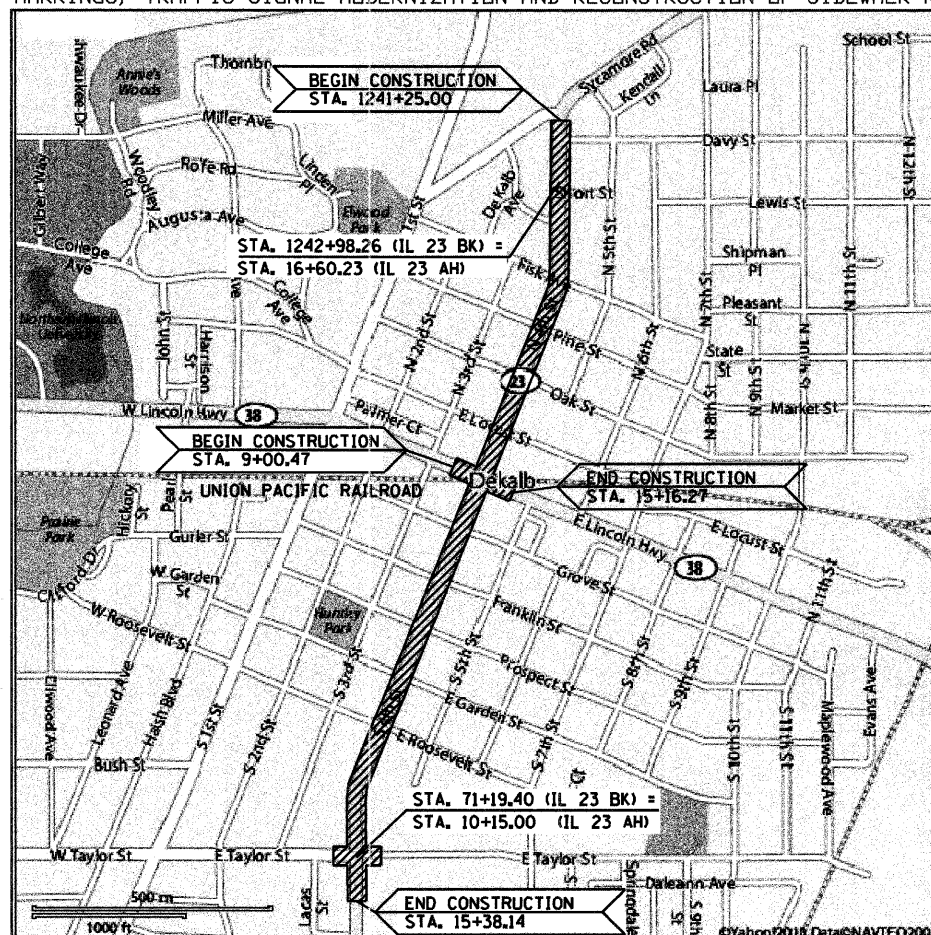
CONTRACT NO. 66983



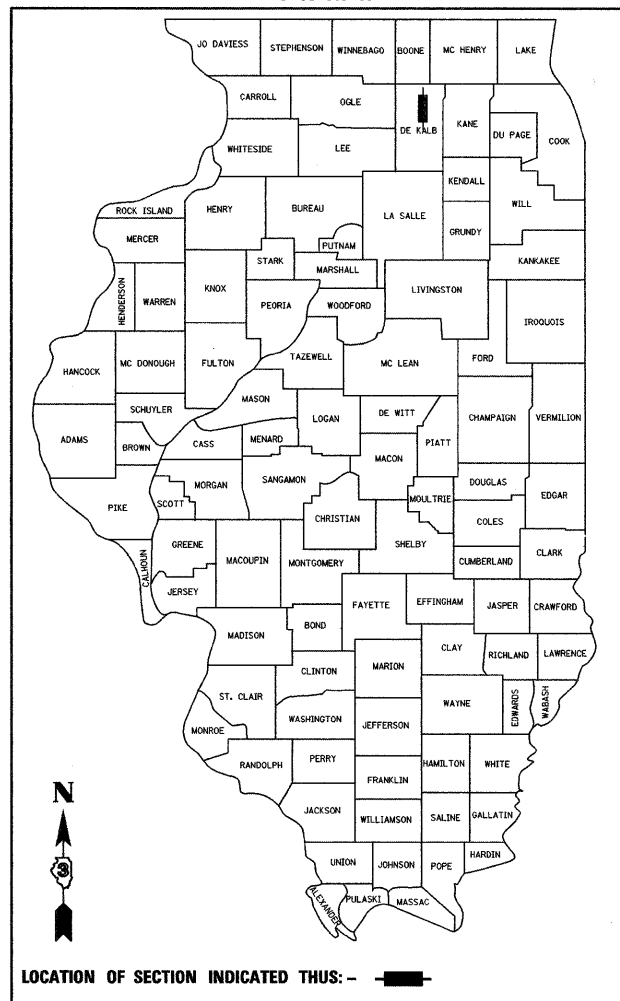
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PROPOSED  
HIGHWAY PLANS**

FAP 68 (IL 23)  
SECTION (28)N, TS & I  
PROJECT: HSIP-F-0068(109)  
SAFETY IMPROVEMENTS  
DEKALB COUNTY  
C-93-019-10

CONSTRUCT SAFETY IMPROVEMENTS ON IL 23 THROUGH THE CITY OF DEKALB. WORK INCLUDES INTERSECTION IMPROVEMENTS, MILLING AND RESURFACING, PAVEMENT MARKINGS, TRAFFIC SIGNAL MODERNIZATION AND RECONSTRUCTION OF SIDEWALK RAMP.



GROSS LENGTH = 6155.6 FT. = 1.166 MILE  
NET LENGTH = 6155.6 FT. = 1.666 MILE



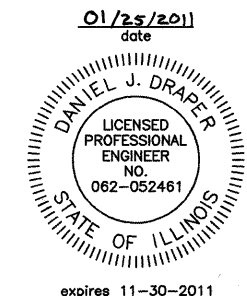
FAP 68 (IL 23)  
FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL ARTERIAL  
ADT 7300 (2009)  
PC 96%  
SU 3%  
MU 1%

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED January 31 20 11  
date  
Eric S. Thekubson  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 13 20 11  
Scott E. Stitt P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

May 13 20 11  
Christine M. Reed  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



Daniel J. Draper  
signature  
PROFESSIONAL DESIGN FIRM  
LICENSE NO. 184-001717

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

EARTHWORK WILL BE PAID FOR SEPARATELY AT THE NORTHEAST AND SOUTHWEST CORNER OF THE FISK AVENUE INTERSECTION; THE NORTHWEST CORNER OF THE ILLINOIS 38 INTERSECTION AND ALL FOUR CORNERS OF THE TAYLOR STREET INTERSECTION.

EARTH EXCAVATION AND SHAPING FOR PCC SIDEWALK AT OTHER LOCATIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF PCC SIDEWALK, 4 INCH

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U. S. G. S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.08	GAL / SQ YD
POLYMERIZED BIT MATERIALS (PRIME COAT)	0.10	GAL / SQ YD
FOR ADDITIONAL HMA LIFTS "FOG COAT"	0.05	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

COMCAST  
VERIZON  
NICOR  
COMED  
DEKALB SANITARY DISTRICT  
CITY OF DEKALB

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

IDOT

COMMITMENTS:

NONE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

REVIEWED BY: *Don Bannitt*  
DISTRICT STUDIES & PLANS ENGINEER

DATE: 1-31-11

EXAMINED BY: *Michael E. Duggan*  
DISTRICT CONSTRUCTION ENGINEER

*Steve P. Phillips*  
DISTRICT MATERIALS ENGINEER

*Steve A. Wheeler*  
DISTRICT OPERATIONS ENGINEER

FILE NAME =  
D366983-SHT-GENNOTE.DGN

USER NAME = ---

DESIGNED - DJD

REVISED - ---

DRAWN - NV

REVISED - ---

PLOT SCALE = 1"=20'

CHECKED - --

REVISED - ---

PLOT DATE = 01/11

DATE - 01/11

REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: 1"=20'

SHEET NO. \_\_\_ OF \_\_\_ SHEETS

STA. TO STA.

F.A.P.  
RTE.  
68

SECTION  
(28)N, TS & I

COUNTY  
DEKALB

TOTAL SHEETS  
120

SHEET NO.  
2

CONTRACT NO. 66983

FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	STP		HSIP										
				ROADWAY 0005	ROADWAY 0005	80% FED/ 20% STATE	90% FED/ 10% STATE	90% FED/ 6.67% STATE/ 3.33% CITY	90% FED/ 5% STATE/ 5% CITY	90% FED/ 5% STATE/ 5% CITY	90% FED/ 10% STATE	90% FED/ 5% STATE/ 5% CITY	90% FED/ 10% STATE	90% FED/ 10% STATE	100% CITY	100% CITY
						TRAFFIC SIGNALS SYCAMORE STREET 0021	TRAFFIC SIGNALS PINE STREET 0021	TRAFFIC SIGNALS LOCUST STREET 0021	TRAFFIC SIGNALS IL 38 0021	TRAFFIC SIGNALS TAYLOR STREET 0021	TRAFFIC SIGNALS INTERCONNECT 0021	LIGHTING 0021	LIGHTING 0021	LIGHTING 0021	EMERGENCY VEHICLE PREEMPTION 0021	UTILITIES 0043
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	16	16	---	---	---	---	---	---	---	---	---	---	---	---
20200100	EARTH EXCAVATION	CU YD	325	325	---	---	---	---	---	---	---	---	---	---	---	---
20800150	TRENCH BACKFILL	CU YD	3	3	---	---	---	---	---	---	---	---	---	---	---	---
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	10	10	---	---	---	---	---	---	---	---	---	---	---	---
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	10	10	---	---	---	---	---	---	---	---	---	---	---	---
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	10	10	---	---	---	---	---	---	---	---	---	---	---	---
25200110	SODDING, SALT TOLERANT	SQ YD	791	791	---	---	---	---	---	---	---	---	---	---	---	---
25200200	SUPPLEMENTAL WATERING	UNIT	17	17	---	---	---	---	---	---	---	---	---	---	---	---
31100500	SUBBASE GRANULAR MATERIAL, TYPE A 6"	SQ YD	453	456	---	---	---	---	---	---	---	---	---	---	---	---
35400510	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 11"	SQ YD	342	342	---	---	---	---	---	---	---	---	---	---	---	---
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2709	2709	---	---	---	---	---	---	---	---	---	---	---	---
40600300	AGGREGATE (PRIME COAT)	TON	66	66	---	---	---	---	---	---	---	---	---	---	---	---
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	102	102	---	---	---	---	---	---	---	---	---	---	---	---
40600525	LEVELING BINDER (HAND METHOD), N50	TON	17	17	---	---	---	---	---	---	---	---	---	---	---	---
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	---	---	---	---	---	---	---	---	---	---	---	---
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3567	3567	---	---	---	---	---	---	---	---	---	---	---	---
40600990	TEMPORARY RAMP	SQ YD	930	930	---	---	---	---	---	---	---	---	---	---	---	---
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	225	225	---	---	---	---	---	---	---	---	---	---	---	---
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	30	30	---	---	---	---	---	---	---	---	---	---	---	---
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	95	95	---	---	---	---	---	---	---	---	---	---	---	---
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	14413	14413	---	---	---	---	---	---	---	---	---	---	---	---
42400800	DETECTABLE WARNINGS	SQ FT	1022	1022	---	---	---	---	---	---	---	---	---	---	---	---
44000100	PAVEMENT REMOVAL	SQ YD	81	81	---	---	---	---	---	---	---	---	---	---	---	---
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2'	SQ YD	33521	33521	---	---	---	---	---	---	---	---	---	---	---	---
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	219	219	---	---	---	---	---	---	---	---	---	---	---	---
44000300	CURB REMOVAL	FOOT	149	149	---	---	---	---	---	---	---	---	---	---	---	---
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2306	2306	---	---	---	---	---	---	---	---	---	---	---	---
44000600	SIDEWALK REMOVAL	SQ FT	14338	14338	---	---	---	---	---	---	---	---	---	---	---	---
44201361	CLASS C PATCHES, TYPE I, 11 INCH	SQ YD	3	3	---	---	---	---	---	---	---	---	---	---	---	---
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	10256	10256	---	---	---	---	---	---	---	---	---	---	---	---
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	13	13	---	---	---	---	---	---	---	---	---	---	---	---
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	21	21	---	---	---	---	---	---	---	---	---	---	---	---
55100400	STORM SEWER REMOVAL 10"	FOOT	8	8	---	---	---	---	---	---	---	---	---	---	---	---
56109210	WATER VALVES TO BE ADJUSTED	EACH	2	---	---	---	---	---	---	---	---	---	---	---	---	2
56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	1	---	---	---	---	---	---	---	---	---	---	---	---	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2	2	---	---	---	---	---	---	---	---	---	---	---	---

\* - SPECIALTY ITEM

FILE NAME = 0366983-SHT-S00.DGN

USER NAME = ---

DESIGNED - DJD

REVISED - ---

DRAWN - NV

REVISED - ---

CHECKED - DJD

REVISED - ---

DATE - 01/11

REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: 1"=20'

SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE. 68

SECTION (28)N, TS & I

COUNTY DEKALB

TOTAL SHEETS 120 SHEET NO. 3

CONTRACT NO. 66983

FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	STP		HSIP														
				ROADWAY 0005	ROADWAY 0005	URBAN			SUBURBAN			RURAL			100% CITY		100% CITY		100% CITY	
						80% FED/ 20% STATE	90% FED/ 10% STATE	TRAFFIC SIGNALS SYCAMORE STREET 0021	TRAFFIC SIGNALS PINE STREET 0021	TRAFFIC SIGNALS LOCUST STREET 0021	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE	TRAFFIC SIGNALS TAYLOR STREET 0021	TRAFFIC SIGNALS INTERCONNECT 0021	LIGHTING 0021	LIGHTING 0021	EMERGENCY VEHICLE PREEMPTION 0021	UTILITIES 0043	
60235800	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	3	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	65	65	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
60260600	INLETS TO BE ADJUSTED WITH NEW TYPE 4 FRAME AND GRATE	EACH	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	9	9	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
60500050	REMOVING CATCH BASINS	EACH	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	2	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	2	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
60600605	CONCRETE CURB, TYPE B	FOOT	114	114	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6-12	FOOT	2232	2232	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	3.5	3.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
67100100	MOBILIZATION	L SUM	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	65	65	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9616	---	9616	---	---	---	---	---	---	---	---	---	---	---	---	---		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2137	---	2137	---	---	---	---	---	---	---	---	---	---	---	---	---		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	45478	---	45478	---	---	---	---	---	---	---	---	---	---	---	---	---		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	7994	---	7994	---	---	---	---	---	---	---	---	---	---	---	---	---		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1522	---	1522	---	---	---	---	---	---	---	---	---	---	---	---	---		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	8040	---	8040	---	---	---	---	---	---	---	---	---	---	---	---	---		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1598	---	1598	---	---	---	---	---	---	---	---	---	---	---	---	---		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1603	---	1603	---	---	---	---	---	---	---	---	---	---	---	---	---		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	148	128	---	---	---	---	---	---	20	---	---	---	---	---	---	---		
* 72000200	SIGN PANEL - TYPE 2	SQ FT	250.5	---	---	42.5	48	50	60	50	---	---	---	---	---	---	---	---		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	232	232	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1069	---	1069	---	---	---	---	---	---	---	---	---	---	---	---	---		

\* - SPECIALTY ITEM

FILE NAME = D366983-SHT-S00.DGN

USER NAME = ---	DESIGNED - DJD	REVISED - ---
PLOT SCALE = 1"=20'	CHECKED - DJD	REVISED - ---
PLOT DATE = 01/11	DATE - 01/11	REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 4
CONTRACT NO. 66983				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	STP		HSIP											
				URBAN		90% FED/ 6.67% STATE/ 3.33% CITY	90% FED/ 5% STATE/ 5% CITY	90% FED/ 5% STATE/ 5% CITY	90% FED/ 10% STATE	90% FED/ 5% STATE/ 5% CITY	90% FED/ 10% STATE	90% FED/ 10% STATE	100% CITY	100% CITY	100% CITY		
				ROADWAY 0005	ROADWAY 0005	TRAFFIC SIGNALS SYCAMORE STREET 0021	TRAFFIC SIGNALS PINE STREET 0021	TRAFFIC SIGNALS LOCUST STREET 0021	IL 38 0021	TRAFFIC SIGNALS TAYLOR STREET 0021	TRAFFIC SIGNALS	LIGHTING 0021	LIGHTING 0021	EMERGENCY VEHICLE PREEMPTION 0021	UTILITIES 0043		
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22739		22739												
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3527		3527												
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	761		761												
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3020		3020												
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	799		799												
78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	470		470												
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	305		305												
78300100	PAVEMENT MARKING REMOVAL	SQ FT	477		477												
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	57		57												
80500200	SERVICE INSTALLATION, TYPE B	EACH	4			1	1	1		1							
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	194				48	124		2			20				
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	2620			35	11	15	91	274	2194						
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	316			54	52	54	101	55							
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	53				34	11		8							
81021300	CONDUIT PUSHED, 1" DIA., PVC	FOOT	36				25	7		4							
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	4521				296	468		639	3118						
81021340	CONDUIT PUSHED, 2 1/2" DIA., PVC	FOOT	24						24								
81021370	CONDUIT PUSHED, 4" DIA., PVC	FOOT	667						401	266							
X8100105	CONDUIT SPLICE	EACH	5				1						4				
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	29				4	2	2	6	15						
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1							1							
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	9869									971	8898				
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	2286										2286				
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2870			89	109	128	192	158	2174		20				
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	18									3	15				
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5			1	1	1	1	1							
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	4			1	1	1		1							
86000105	MASTER CONTROLLER (SPECIAL)	EACH	1								1						
86200300	UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	5			1	1	1	1	1							
86400100	TRANSCIVER - FIBER OPTIC	EACH	7								7						
8710 0020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F & SM12F	FOOT	7125								7125						
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	4132			930	1135	940	412	715							
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	5969			922	1135	940	1853	1149							
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	9686			1086	1982	1693	4183	742							

\* - SPECIALTY ITEM

Rev. 6-2-11

FILE NAME = 0366983-SHT-500.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 5
PLOT SCALE = 1"=20'	CHECKED - DJD	REVISED - ---	SCALE: 1"=20'		SHEET NO. -- OF -- SHEETS	STA. TO STA.	CONTRACT NO. 66983						
PLOT DATE = 01/11	DATE - 01/11	REVISED - ---	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT										

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	STP		HSIP										EMERGENCY VEHICLE PREEMPTION 0021	UTILITIES 0043
				URBAN		90% FED/ 6.67% STATE/ 3.33% CITY	90% FED/ 5% STATE/ 5% CITY	90% FED/ 5% STATE/ 5% CITY	90% FED/ 10% STATE	90% FED/ 5% STATE/ 5% CITY	90% FED/ 10% STATE	90% FED/ 10% STATE	100% CITY	100% CITY	100% CITY		
				ROADWAY 0005	ROADWAY 0005	TRAFFIC SIGNALS SYCAMORE STREET 0021	TRAFFIC SIGNALS PINE STREET 0021	TRAFFIC SIGNALS LOCUST STREET 0021	TRAFFIC SIGNALS IL 38 0021	TRAFFIC SIGNALS TAYLOR STREET 0021	TRAFFIC SIGNALS INTERCONNECT 0021	LIGHTING 0021	LIGHTING 0021	LIGHTING 0021			
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2246	---	---	285	---	---	594	1367	---	---	---	---	---		
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4418	---	---	---	1203	1165	---	2050	---	---	---	---	---		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	113	---	---	26	37	26	---	29	---	---	---	---	---		
87502270	TRAFFIC SIGNAL POST, PAINTED STEEL 12 FT.	EACH	4	---	---	---	---	2	2	---	---	---	---	---	---		
87502310	TRAFFIC SIGNAL POST, PAINTED STEEL 16 FT.	EACH	2	---	---	---	---	1	1	---	---	---	---	---	---		
87502330	TRAFFIC SIGNAL POST, PAINTED STEEL 18 FT.	EACH	2	---	---	---	---	---	2	---	---	---	---	---	---		
87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	1	---	---	---	1	---	---	---	---	---	---	---	---		
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2	---	---	1	1	---	---	---	---	---	---	---	---		
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2	---	---	1	---	---	---	1	---	---	---	---	---		
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1	---	---	1	---	---	---	---	---	---	---	---	---		
87701130	STEEL MAST ARM ASSEMBLY AND POLE, 18 FT. (SPECIAL)	EACH	1	---	---	---	---	---	1	---	---	---	---	---	---		
87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	EACH	1	---	---	---	1	---	---	---	---	---	---	---	---		
87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	1	---	---	---	---	---	---	1	---	---	---	---	---		
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1	---	---	1	---	---	---	---	---	---	---	---	---		
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1	---	---	---	---	---	---	1	---	---	---	---	---		
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	2	---	---	---	1	---	---	1	---	---	---	---	---		
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1	---	---	---	---	---	---	1	---	---	---	---	---		
87704010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16 FT. (SPECIAL)	EACH	1	---	---	---	---	---	1	---	---	---	---	---	---		
87704030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT. (SPECIAL)	EACH	1	---	---	---	---	1	---	---	---	---	---	---	---		
87704060	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT. (SPECIAL)	EACH	1	---	---	---	---	1	---	---	---	---	---	---	---		
87704080	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT. (SPECIAL)	EACH	1	---	---	---	---	---	1	---	---	---	---	---	---		
87704110	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT. (SPECIAL)	EACH	1	---	---	---	---	---	1	---	---	---	---	---	---		
87704184	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT. (SPECIAL)	EACH	1	---	---	---	---	---	1	---	---	---	---	---	---		
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	36	---	---	6	6	9	15	3	---	---	---	---	---		
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5	---	---	---	---	---	---	3.5	---	---	---	---	---		
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	180	---	---	25	37	34	37	47	---	---	---	---	---		
87900100	DRILL EXISTING FOUNDATION	EACH	3	---	---	---	2	1	---	---	---	---	---	---	---		
87900200	DRILL EXISTING HANDHOLE	EACH	49	---	---	7	14	15	10	---	3	---	---	---	---		
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	13	---	---	3	2	4	4	---	---	---	---	---	---		
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	32	---	---	6	8	8	6	4	---	---	---	---	---		
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1	---	---	---	---	---	1	---	---	---	---	---	---		
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5	---	---	1	---	---	---	4	---	---	---	---	---		
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5	---	---	1	---	---	---	4	---	---	---	---	---		
88102810	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	8	---	---	---	---	---	8	---	---	---	---	---	---		

\* - SPECIALTY ITEM

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	STP		HSIP									
				URBAN	80% FED/ 20% STATE	90% FED/ 10% STATE	90% FED/ 6.67% STATE/ 3.33% CITY	90% FED/ 5% STATE/ 5% CITY	90% FED/ 5% STATE/ 5% CITY	90% FED/ 10% STATE	90% FED/ 5% STATE/ 5% CITY	90% FED/ 10% STATE	90% FED/ 10% STATE	100% CITY	100% CITY
				ROADWAY 0005	ROADWAY 0005	TRAFFIC SIGNALS SYCAMORE STREET 0021	TRAFFIC SIGNALS PINE STREET 0021	TRAFFIC SIGNALS LOCUST STREET 0021	IL 38 0021	TRAFFIC SIGNALS TAYLOR STREET 0021	TRAFFIC SIGNALS INTERCONNECT 0021	LIGHTING 0021	LIGHTING 0021	EMERGENCY VEHICLE PREEMPTION 0021	UTILITIES 0043
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	30	---	---	6	8	8	---	8	---	---	---	---	---
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	62	---	---	11	10	12	17	12	---	---	---	---	---
88500100	INDUCTIVE LOOP DETECTOR	EACH	28	---	---	3	6	8	---	12	---	---	---	---	---
88600100	DETECTOR LOOP, TYPE I	FOOT	2460	---	---	---	391	496	---	1573	---	---	---	---	---
88700200	LIGHT DETECTOR	EACH	16	---	---	---	---	---	---	---	---	---	---	19	---
88700300	LIGHT DETECTOR AMPLIFIER	EACH	5	---	---	---	---	---	---	---	---	---	---	5	---
88800100	PEDESTRIAN PUSH-BUTTON	EACH	30	---	---	6	8	8	---	8	---	---	---	---	---
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	3	---	---	---	---	---	2	---	1	---	---	---	---
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	23571	---	---	3689	3533	3213	6591	2093	---	---	4452	---	---
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5	---	---	1	1	1	1	1	---	---	---	---	---
89502380	REMOVE EXISTING HANDHOLE	EACH	8	---	---	---	1	---	3	4	---	---	---	---	---
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	32	---	---	4	8	6	8	6	---	---	---	---	---
X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	10	10	---	---	---	---	---	---	---	---	---	---	---
Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1	---	---	---	---	---	---	---	1	---	---	---	---
X4404700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	1559	1559	---	---	---	---	---	---	---	---	---	---	---
X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	1	1	---	---	---	---	---	---	---	---	---	---	---
X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	3	---	---	---	---	---	---	---	---	---	3	---	---
87301900	ELECTRIC CABLE IN CONDUIT/GROUNDING, NO. 6 1C <i>EQUIPMENT CONDUCTOR</i>	FOOT	4927	---	---	459	844	812	986	1064	---	---	762	---	---
X8808118	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	---	---	---	---	---	1	---	---	---	---	---	---
X8808120	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4	---	---	---	---	---	4	---	---	---	---	---	---
X8808121	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1	---	---	---	---	---	1	---	---	---	---	---	---
X8860100	LOOP DETECTOR TESTING	EACH	2	---	---	1	---	1	---	---	---	---	---	---	---
Z0033900	MASONRY SIDEWALK	SQ. FT.	2074	2074	---	---	---	---	---	---	---	---	---	---	---
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	---	---	---	---	---	---	---	---	---	---	---
X0327273	RELOCATE EXISTING RAILROAD WAYSIDE HORN	EACH	4	---	---	---	---	---	4	---	---	---	---	---	---
X0327274	RELOCATE EXISTING RAILROAD WAYSIDE HORN CABINET	EACH	4	---	---	---	---	---	4	---	---	---	---	---	---
X0327275	RELOCATE EXISTING DUAL RAILROAD CONFIRMATION SIGNAL	EACH	1	---	---	---	---	---	1	---	---	---	---	---	---
87301270	ELECTRIC CABLE IN CONDUIT, NO. 16 2C <i>SIGNAL</i>	FOOT	1223	---	---	---	---	---	1223	---	---	---	---	---	---
87301282	ELECTRIC CABLE IN CONDUIT, NO. 16 10C <i>SIGNAL</i>	FOOT	1179	---	---	---	---	---	1179	---	---	---	---	---	---
87704312	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 22 FT. AND 40 FT.	EACH	1	---	---	1	---	---	---	---	---	---	---	---	---
87704311	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 20 FT. AND 48 FT.	EACH	1	---	---	---	1	---	---	---	---	---	---	---	---
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	7125	---	---	---	---	---	---	---	7125	---	---	---	---
87301732	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 20 3 C	FOOT	3266	---	---	---	---	---	---	---	---	---	---	3266	---
X8770250	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 32 FT. AND 48 FT. (SPECIAL)	EACH	1	---	---	---	---	1	---	---	---	---	---	---	---

\* - SPECIALTY ITEM

FILE NAME = 0366983-SHT-500.DGN

USER NAME = ---  
PLOT SCALE = 1"=20'  
PLOT DATE = 01/11

DESIGNED - DJD  
DRAWN - NV  
CHECKED - DJD  
DATE - 01/11

REVISED - ---  
REVISED - ---  
REVISED - ---  
REVISED - ---

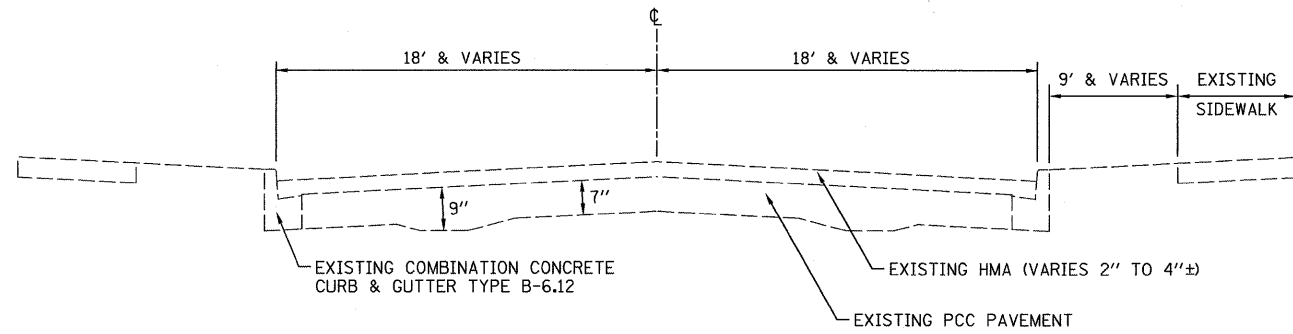
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE. 68 SECTION (28)N, TS & I COUNTY DEKALB TOTAL SHEETS 120 SHEET NO. 7 CONTRACT NO. 66983  
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT

Rev.

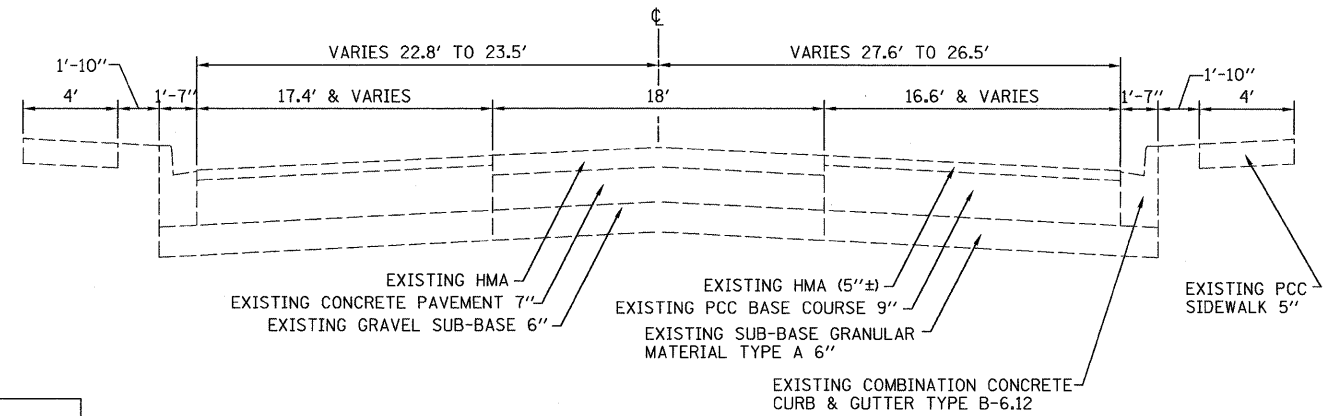


EXISTING ROADWAY TYPICAL SECTION - IL 23

STA. 1241+25.00 TO STA. 1242+98.26(BK)  
 STA. 16+60.23(AH) TO STA. 37+45.14  
 STA. 45+39.92 TO STA. 67+82.90

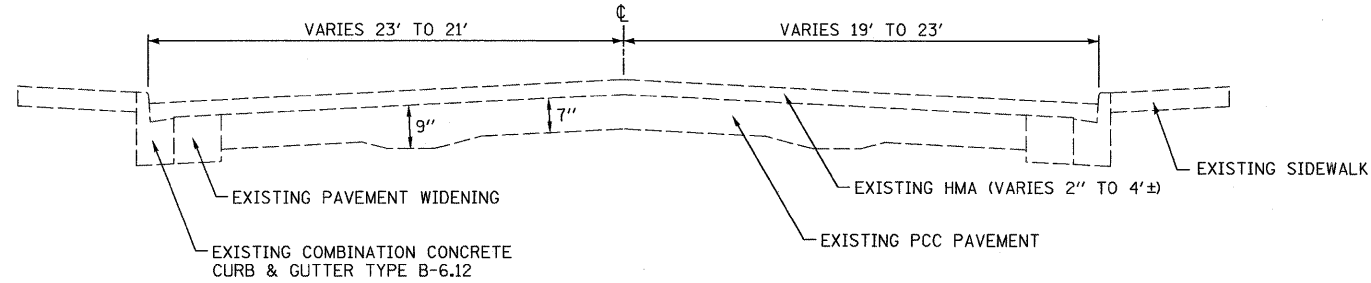
STATION EQUATIONS

STA. 1242+98.26 (BK) = STA. 16+60.23 (AH)  
 STA. 71+19.40 (BK) = STA. 10+15.00 (AH)



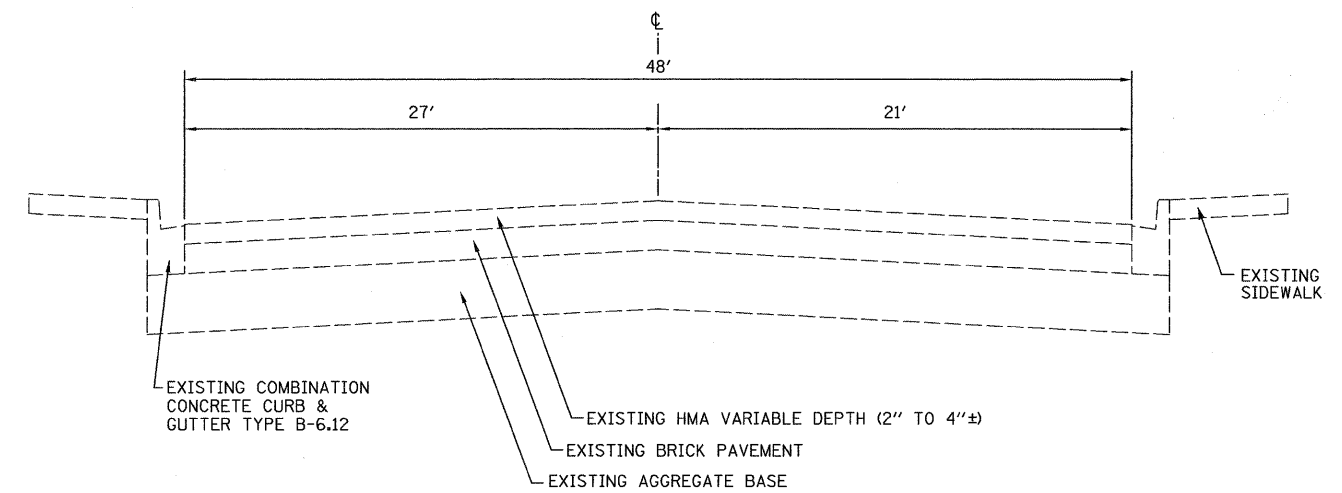
EXISTING ROADWAY TYPICAL SECTION - IL 23

STA. 11+36.00 TO STA. 15+38.14

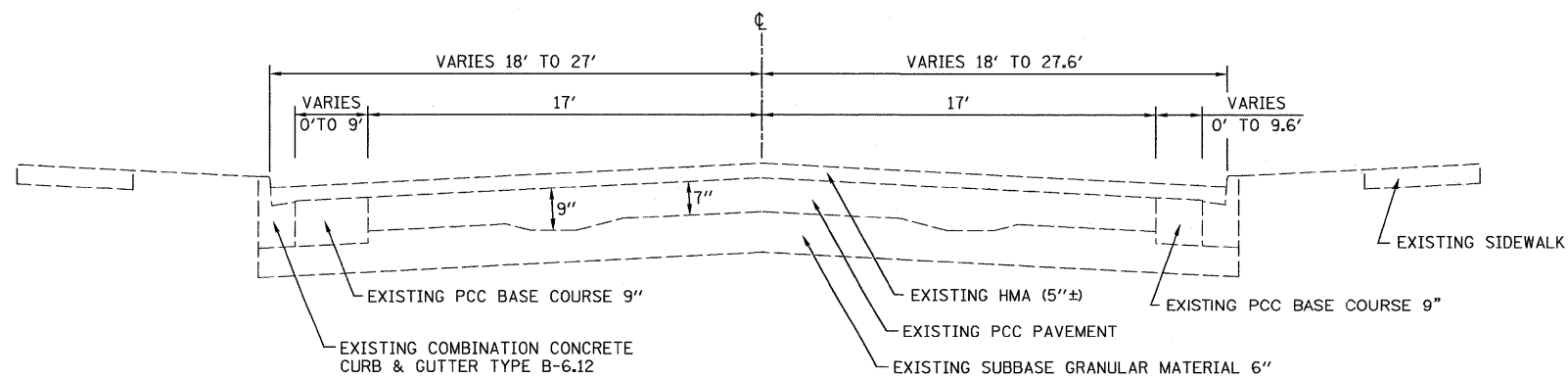


EXISTING ROADWAY TYPICAL SECTION - IL 23

STA. 37+45.14 TO STA. 45+39.92

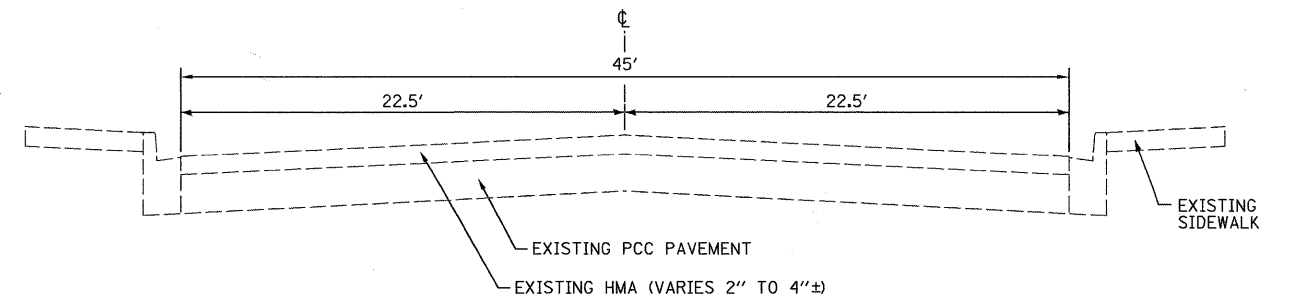


EXISTING ROADWAY TYPICAL SECTION - IL 38 WEST OF IL 23



EXISTING ROADWAY TYPICAL SECTION - IL 23

STA. 67+82.90 TO STA. 71+19.40(BK)  
 STA. 10+15.00(AH) TO STA. 11+36.00



EXISTING ROADWAY TYPICAL SECTION - IL 38 EAST OF IL 23

FILE NAME = 0366983-SHT-TYPICAL.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---
		DRAWN - NV	REVISED - ---
		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

DESIGNED - DJD	REVISED - ---
DRAWN - NV	REVISED - ---
CHECKED - DJD	REVISED - ---
DATE - 01/11	REVISED - ---

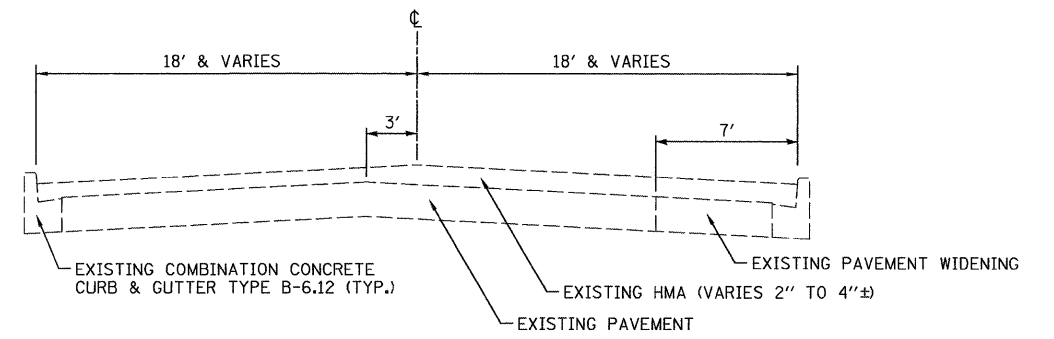
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

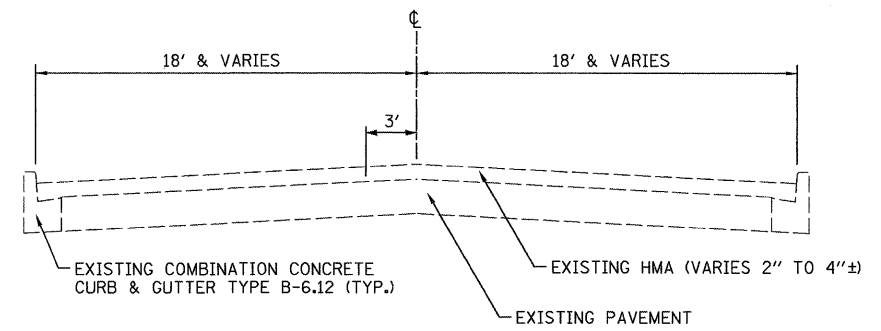
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 8
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				





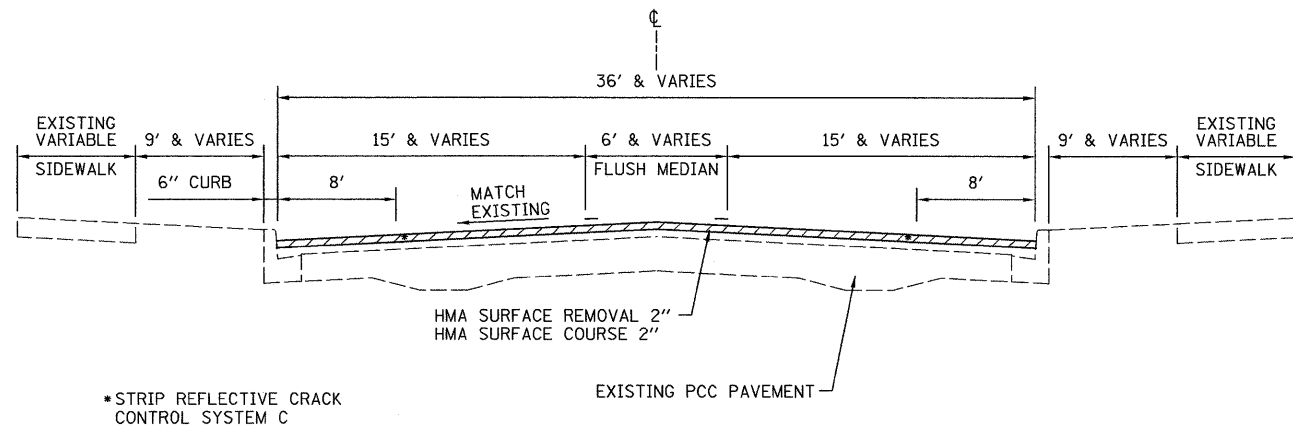
EXISTING ROADWAY TYPICAL SECTION - TAYLOR STREET (WEST)



EXISTING ROADWAY TYPICAL SECTION - TAYLOR STREET (EAST)

STATION EQUATIONS  
 STA. 1242+98.26 (BK) = STA. 16+60.23 (AH)  
 STA. 71+19.40 (BK) = STA. 10+15.00 (AH)

FILE NAME = 0366983-SHT-TYPICAL.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 9
	PLOT SCALE = 1"=20'	DRAWN - NV	REVISED - ---		SCALE: 1"=20'	SHEET NO. ___ OF ___ SHEETS	STA. TO STA.	CONTRACT NO. 66983				
	PLOT DATE = 01/11	CHECKED - DJD	REVISED - ---		FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT							
		DATE - 01/11	REVISED - ---									

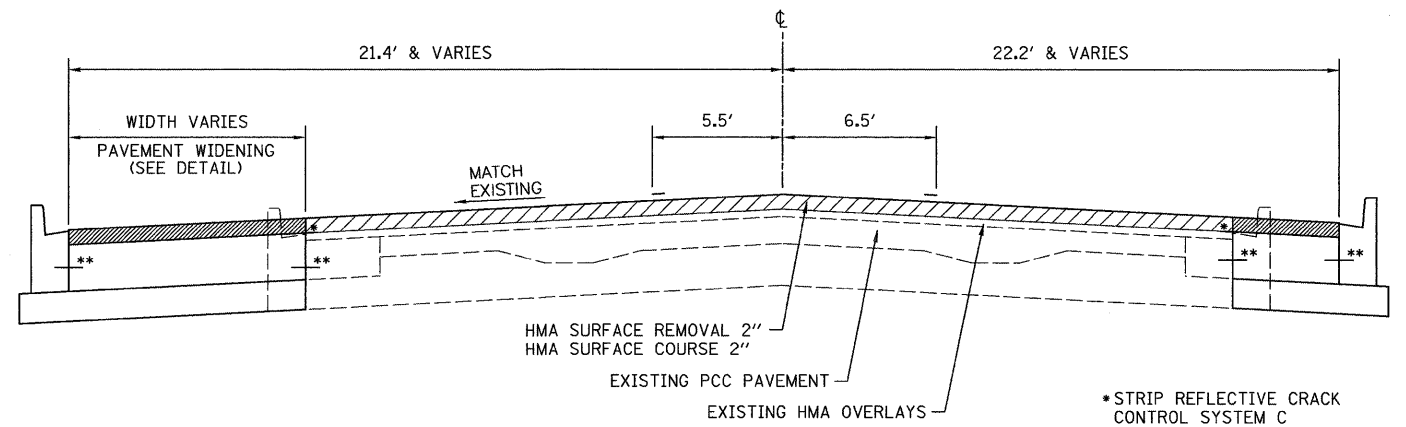


PAVEMENT WIDENING REQUIRED AT NE & SW CORNERS OF FISK STREET INTERSECTION. SEE PAVEMENT WIDENING DETAIL ON SHEET 11

**PROPOSED ROADWAY TYPICAL SECTION - IL 23**

STA. 1241+25.00 TO STA. 1242+98.26(BK)  
 STA. 16+60.23(AH) TO STA. 37+45.14  
 STA. 45+39.92 TO STA. 67+82.90

**STATION EQUATIONS**  
 STA. 1242+98.26 (BK) = STA. 16+60.23 (AH)  
 STA. 71+19.40 (BK) = STA. 10+15.00 (AH)

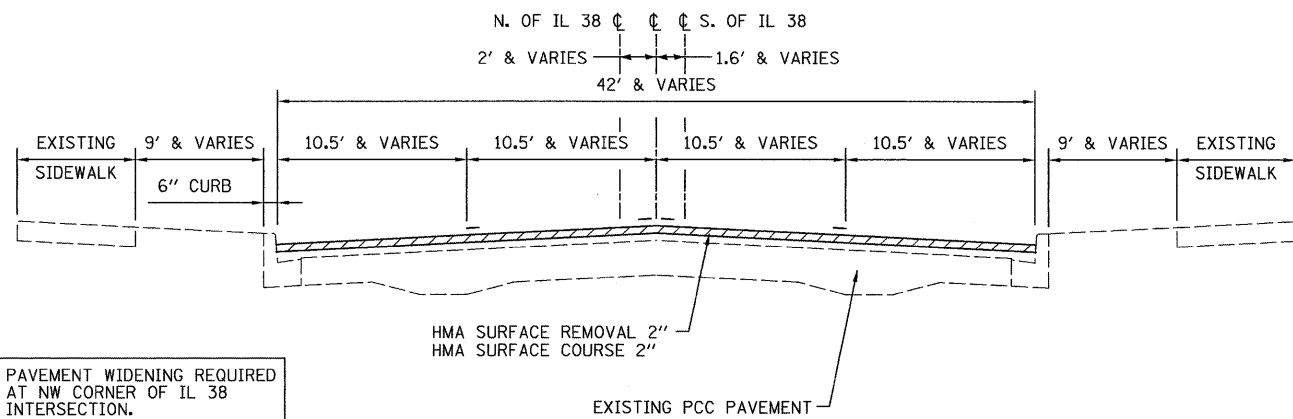


**PROPOSED ROADWAY TYPICAL SECTION - IL 23**

STA. 70+19.34 TO STA. 71+19.40(BK)  
 STA. 10+15.00(AH) TO STA. 10+94.19

• STRIP REFLECTIVE CRACK CONTROL SYSTEM C

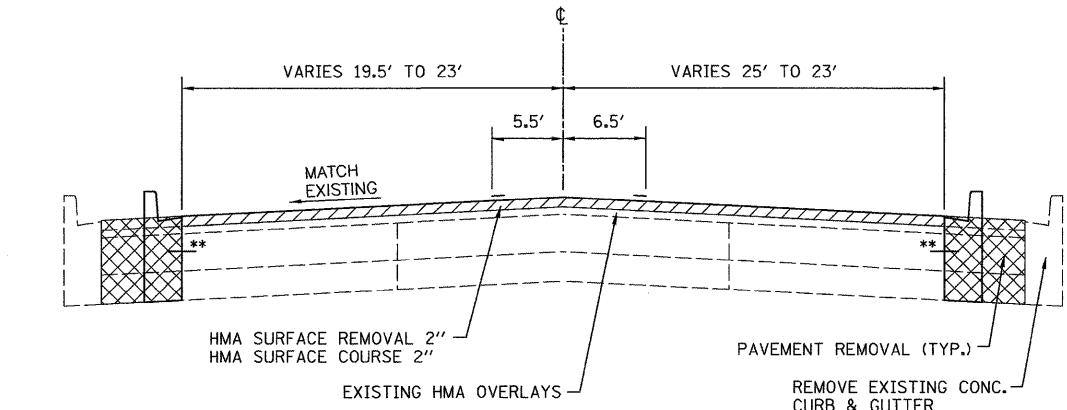
\*\* PROPOSED NO. 6X30" TIE BARS @ 30" CTS.



PAVEMENT WIDENING REQUIRED AT NW CORNER OF IL 38 INTERSECTION. SEE PAVEMENT WIDENING DETAIL ON SHEET 11

**PROPOSED ROADWAY TYPICAL SECTION - IL 23**

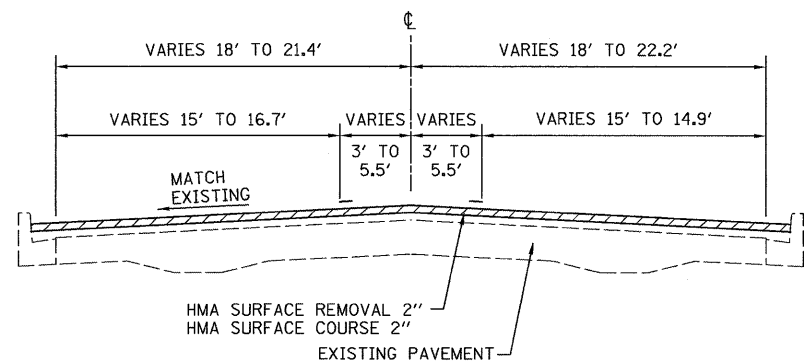
STA. 37+45.14 TO STA. 45+39.92



\*\* PROPOSED NO. 6X30" TIE BARS @ 30" CTS.

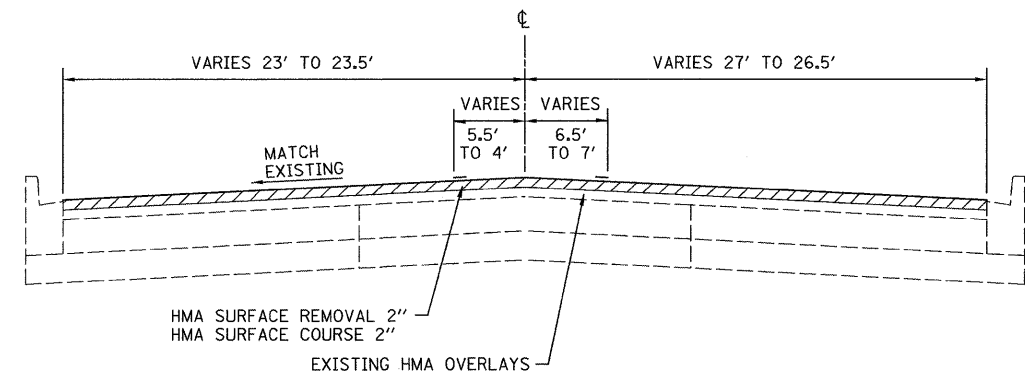
**PROPOSED ROADWAY TYPICAL SECTION - IL 23**

STA. 10+94.19 TO STA. 12+64.20



**PROPOSED ROADWAY TYPICAL SECTION - IL 23**

STA. 67+82.90 TO STA. 70+19.34



**PROPOSED ROADWAY TYPICAL SECTION - IL 23**

STA. 12+64.20 TO STA. 15+38.14

FILE NAME = 0366983-SHT-TYPICAL.DGN  
 USER NAME = ---  
 PLOT SCALE = 1"=20'  
 PLOT DATE = 01/11

DESIGNED - DJD  
 DRAWN - NV  
 CHECKED - DJD  
 DATE - 01/11

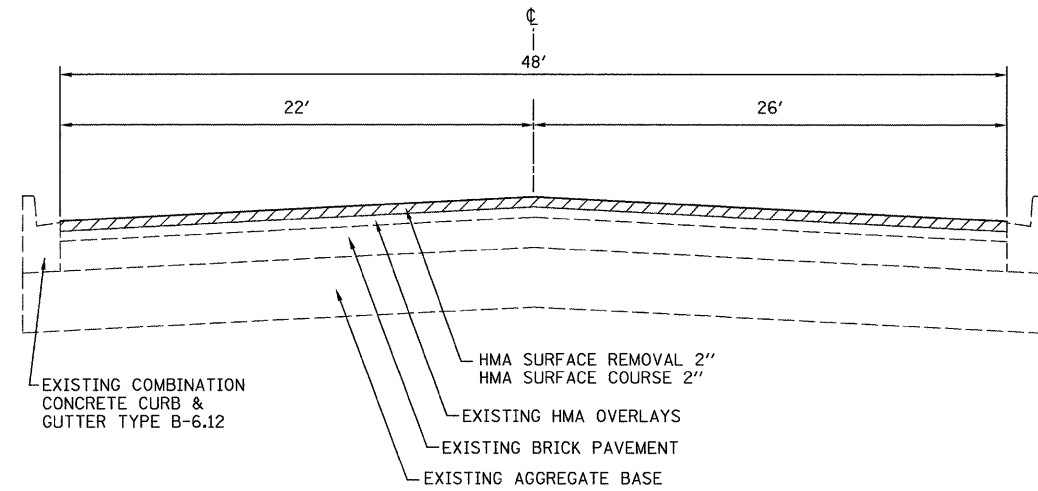
REVISED - ---  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

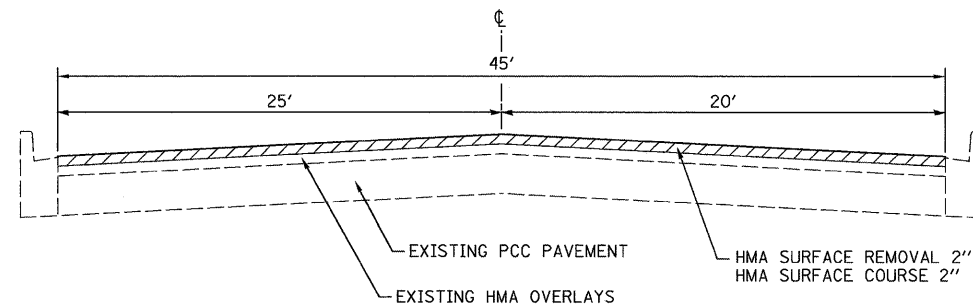
**TYPICAL SECTIONS**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 10
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



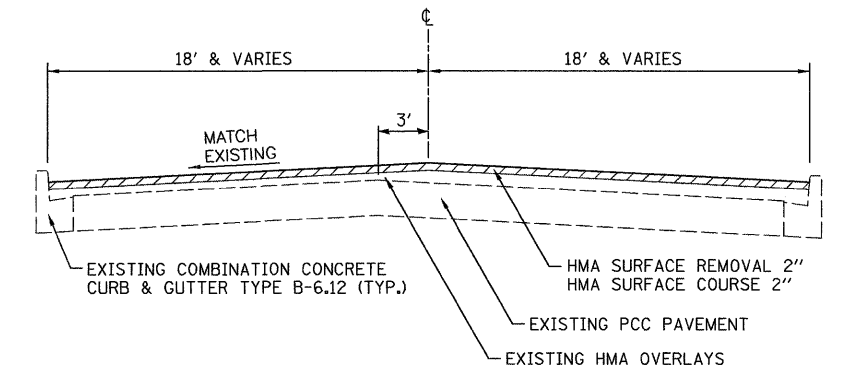
PROPOSED ROADWAY TYPICAL SECTION - IL 38 WEST OF IL 23



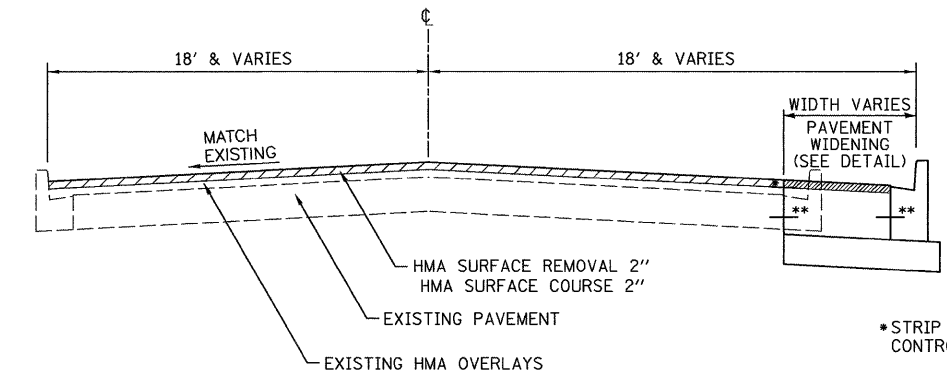
PROPOSED ROADWAY TYPICAL SECTION - IL 38 EAST OF IL 23

PAVEMENT WIDENING REQUIRED AT NW CORNER OF IL 38 INTERSECTION. SEE PAVEMENT WIDENING DETAIL BELOW

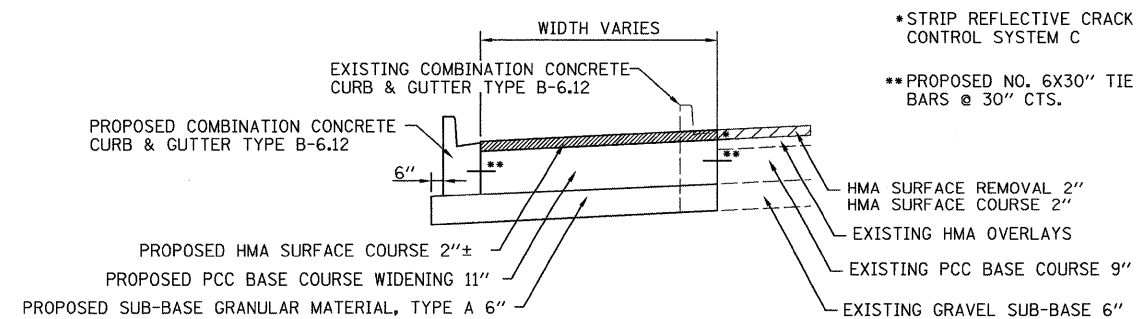
STATION EQUATIONS  
 STA. 1242+98.26 (BK) = STA. 16+60.23 (AH)  
 STA. 71+19.40 (BK) = STA. 10+15.00 (AH)



PROPOSED ROADWAY TYPICAL SECTION - TAYLOR STREET (WEST)



PROPOSED ROADWAY TYPICAL SECTION - TAYLOR STREET (EAST)



PROPOSED PAVEMENT WIDENING DETAIL

- ① AT NE & SW CORNERS OF FISK STREET INTERSECTION
- ② AT NW CORNER OF IL 38 INTERSECTION
- ③ AT TAYLOR STREET

	HMA SURFACE
PG GRADE **	PG64-22
DESIGN AIR VOIDS	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5
FRICTION AGGREGATE	MIXTURE D
DENSITY TEST METHOD	CORES/ CORRELATION

- \* MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.
- \*\* WHEN RAP EXCEEDS 20%, THE VIRGIN ASPHALT BINDER SHALL BE REDUCED BY ONE GRADE (I.E. 25% RAP WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG64-22 TO BE REDUCED TO A PG58-22).

FILE NAME = 0366983-SHT-TYPICAL.DGN

USER NAME = ---

DESIGNED - DJD

REVISED - ---

DRAWN - NV

REVISED - ---

PLOT SCALE = 1"=20'

CHECKED - DJD

REVISED - ---

PLOT DATE = 01/11

DATE - 01/11

REVISED - ---

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: 1"=20'

SHEET NO. \_\_\_ OF \_\_\_ SHEETS

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	11
CONTRACT NO. 66983				

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

EARTHWORK SCHEDULE				
LOCATION	EARTH EXCAVATION CU. YD.	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU. YD.	EMBANKMENT CU. YD.	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU. YD.
<b>FIK STREET</b>				
NE QUAD	11.7	8.775	0.6	8.2
SW QUAD	17	12.75	1.2	11.6
<b>ILLINOIS 38</b>				
NW QUAD	86.8	65.1	2.1	63.0
<b>TAYLOR STREET</b>				
NW QUAD	26.7	20.0	0.5	19.5
NE QUAD	71.1	53.3	0.3	53.0
SW QUAD	22.2	16.7	40.7	-24.1
SE QUAD	89.2	66.9	11.7	55.2
<b>TOTAL</b>	<b>325</b>	<b>244</b>	<b>57</b>	<b>186</b>

SOD SCHEDULE					
LOCATION	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHORUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	SODDING, SALT TOLERANT SQ. YD.	SUPPLEMENTAL WATERING UNIT
<b>DAVY STREET</b>					
NE QUAD	0.03	0.03	0.03	2.19	0.05
SE QUAD	0.03	0.03	0.03	2.70	0.06
<b>SHORT STREET</b>					
NE QUAD	0.10	0.10	0.10	7.73	0.16
SE QUAD	0.17	0.17	0.17	13.52	0.28
<b>POND STREET</b>					
NW QUAD	0.15	0.15	0.15	12.37	0.26
SW QUAD	0.12	0.12	0.12	9.38	0.20
<b>FIK STREET</b>					
NW QUAD	0.13	0.13	0.13	10.87	0.23
NE QUAD	0.18	0.18	0.18	14.14	0.30
SW QUAD	0.00	0.00	0.00	0.00	0.00
SE QUAD	0.18	0.18	0.18	14.83	0.31
<b>PINE STREET</b>					
NW QUAD	0.03	0.03	0.03	2.47	0.05
NE QUAD	0.14	0.14	0.14	11.58	0.24
SW QUAD	0.13	0.13	0.13	10.16	0.21
SE QUAD	0.15	0.15	0.15	12.28	0.26
<b>OAK STREET</b>					
NW QUAD	0.16	0.16	0.16	13.08	0.27
NE QUAD	0.10	0.10	0.10	7.72	0.16
SW QUAD	0.10	0.10	0.10	7.79	0.16
SE QUAD	0.12	0.12	0.12	9.63	0.20
<b>LOCUST STREET</b>					
NW QUAD	0.00	0.00	0.00	0.00	0.00
NE QUAD	0.00	0.00	0.00	0.00	0.00
SW QUAD	0.00	0.00	0.00	0.00	0.00
SE QUAD	0.00	0.00	0.00	0.00	0.00
<b>IL 38 (LINCOLN HIGHWAY)</b>					
NW QUAD	0.32	0.32	0.32	25.61	0.54
NE QUAD	0.24	0.24	0.24	19.51	0.41
SW QUAD	0.15	0.15	0.15	12.20	0.26
SE QUAD	0.00	0.00	0.00	0.00	0.00
<b>GROVE STREET</b>					
NW QUAD	0.18	0.18	0.18	14.92	0.31
NE QUAD	0.08	0.08	0.08	6.39	0.13
SW QUAD	0.00	0.00	0.00	0.00	0.00
SE QUAD	0.09	0.09	0.09	7.51	0.16
<b>DEKALB MUNICIPAL BUILDING</b>					
NE QUAD	0.09	0.09	0.09	7.03	0.15
SE QUAD	0.08	0.08	0.08	6.47	0.14
WEST	0.04	0.04	0.04	3.29	0.07
<b>FRANKLIN STREET</b>					
NW QUAD	0.19	0.19	0.19	14.93	0.31
NE QUAD	0.16	0.16	0.16	12.88	0.27
SW QUAD	0.16	0.16	0.16	12.80	0.27
SE QUAD	0.15	0.15	0.15	11.71	0.25
<b>PROSPECT STREET</b>					
NW QUAD	0.15	0.15	0.15	12.00	0.25
NE QUAD	0.13	0.13	0.13	10.52	0.22
SW QUAD	0.15	0.15	0.15	12.21	0.26
SE QUAD	0.12	0.12	0.12	9.85	0.21
<b>GARDEN STREET</b>					
NW QUAD	0.23	0.23	0.23	18.25	0.38
NE QUAD	0.12	0.12	0.12	10.00	0.21
SW QUAD	0.22	0.22	0.22	17.71	0.37
SE QUAD	0.12	0.12	0.12	9.65	0.20
<b>ROOSEVELT STREET</b>					
NW QUAD	0.24	0.24	0.24	19.39	0.41
NE QUAD	0.13	0.13	0.13	10.62	0.22
SW QUAD	0.25	0.25	0.25	20.17	0.42
SE QUAD	0.17	0.17	0.17	13.93	0.29
<b>TAYLOR STREET</b>					
NW QUAD	0.52	0.52	0.52	41.93	0.88
NE QUAD	0.49	0.49	0.49	39.21	0.82
SW QUAD	0.94	0.94	0.94	76.12	1.60
SE QUAD	1.89	1.89	1.89	152.21	3.20
<b>TOTAL</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>791</b>	<b>17</b>

SIDEWALK & CURB RAMP SCHEDULE							
LOCATION	SIDEWALK REMOVAL SQ. FT.	CC&G REMOVAL FOOT	CC&G TYPE B-6.12 FOOT	PCC SIDEWALK 4" SQ. FT.	SIDEWALK REMOVAL (SPECIAL) SQ. FT.	MASONRY SIDEWALK SQ. FT.	DETECTABLE WARNINGS SQ. FT.
<b>DAVY STREET</b>							
NE QUAD	72.8	18.6	18.6	76.7	---	---	12.2
SE QUAD	136.8	23.5	23.5	143.9	---	---	12.9
<b>SHORT STREET</b>							
NE QUAD	117.3	9.4	9.4	86.9	---	---	10.0
SE QUAD	201.9	11.0	11.0	180.3	---	---	9.6
<b>POND STREET</b>							
NW QUAD	169.9	11.6	11.6	222.0	---	---	12.1
SW QUAD	134.8	11.5	11.5	161.5	---	---	12.1
<b>FIK STREET</b>							
NW QUAD	172.0	15.1	15.1	202.6	---	---	16.2
NE QUAD	213.6	72.6	70.7	228.7	---	---	20.0
SW QUAD	892.8	82.0	80.1	793.0	---	---	28.1
SE QUAD	234.1	26.1	26.1	279.4	---	---	20.0
<b>PINE STREET</b>							
NW QUAD	192.7	30.0	30.0	194.1	---	---	20.0
NE QUAD	186.0	27.0	27.0	204.0	---	---	20.0
SW QUAD	162.4	28.4	28.4	178.8	---	---	20.0
SE QUAD	206.7	25.6	25.6	237.0	---	---	20.0
<b>OAK STREET</b>							
NW QUAD	246.2	40.3	40.3	224.0	---	---	20.0
NE QUAD	160.0	27.1	27.1	175.2	---	---	20.0
SW QUAD	154.2	27.5	27.5	175.9	---	---	20.0
SE QUAD	182.1	22.0	22.0	189.2	---	---	20.0
<b>LOCUST STREET</b>							
NW QUAD	88.9	---	---	88.9	79.4	79.4	---
NE QUAD	287.3	33.9	33.9	287.3	---	---	24.9
SW QUAD	22.9	---	---	22.9	148.4	148.4	---
SE QUAD	468.4	26.2	26.2	468.4	---	---	14.8
<b>IL 38 (LINCOLN HIGHWAY)</b>							
NW QUAD	600.9	148.8	125.6	---	937.3	1452.2	22.1
NE QUAD	506.9	48.1	48.1	511.0	---	---	47.9
SW QUAD	145.8	55.3	55.3	139.1	294.3	294.3	39.7
SE QUAD	570.8	58.1	58.1	584.0	---	---	21.5
<b>GROVE STREET</b>							
NW QUAD	260.8	24.7	24.7	298.3	---	---	20.0
NE QUAD	181.2	27.3	27.3	189.0	---	---	20.0
SW QUAD	295.1	36.1	36.1	295.1	---	---	20.0
SE QUAD	259.6	33.6	33.6	274.7	---	---	20.0
<b>DEKALB MUNICIPAL BUILDING</b>							
NE QUAD	274.8	48.3	48.3	292.7	---	---	24.1
SE QUAD	117.7	9.7	9.7	118.7	---	---	12.0
WEST	71.2	12.0	12.0	73.8	---	---	14.0
<b>FRANKLIN STREET</b>							
NW QUAD	186.2	32.2	32.2	209.6	---	---	20.0
NE QUAD	184.1	30.8	30.8	199.6	---	---	20.0
SW QUAD	192.3	30.6	30.6	199.8	---	---	20.0
SE QUAD	185.9	29.3	29.3	193.1	---	---	20.0
<b>PROSPECT STREET</b>							
NW QUAD	180.2	30.0	30.0	194.0	---	---	20.0
NE QUAD	186.3	28.6	28.6	184.0	---	---	20.0
SW QUAD	178.8	29.7	29.7	189.8	---	---	20.0
SE QUAD	157.7	27.6	27.6	176.0	---	---	20.0
<b>GARDEN STREET</b>							
NW QUAD	303.3	26.9	26.9	316.8	---	---	20.0
NE QUAD	183.1	27.9	27.9	177.9	---	---	20.0
SW QUAD	295.9	28.3	28.3	317.7	---	---	20.0
SE QUAD	184.5	27.5	27.5	174.6	---	---	20.0
<b>ROOSEVELT STREET</b>							
NW QUAD	307.4	29.4	29.4	329.2	---	---	20.0
NE QUAD	154.5	28.3	28.3	182.0	---	---	20.0
SW QUAD	305.4	30.6	30.6	335.0	---	---	20.0
SE QUAD	231.8	27.8	27.8	232.0	---	---	20.0
<b>TAYLOR STREET</b>							
NW QUAD	478.9	73.5	64.4	445.8	---	---	20.0
NE QUAD	648.4	146.9	128.2	638.9	---	---	20.0
SW QUAD	877.4	280.2	279.3	1186.9	---	---	27.3
SE QUAD	927.4	267.4	248.8	933.2	---	---	20.0
<b>3RD STREET &amp; IL 38</b>							
SE QUAD	---	---	---	---	100.0	100.0	---
<b>TOTAL</b>	<b>14338</b>	<b>2306</b>	<b>2232</b>	<b>14413</b>	<b>1559</b>	<b>2074</b>	<b>1022</b>

TEMPORARY RAMP SCHEDULE	
LOCATION	TEMPORARY RAMP SQ. YD.
<b>MAINLINE</b>	
STA. 1241+25.00	39.0
STA. 41+48.03	103.9
STA. 41+72.75	137.1
STA. 15+38.14	37.0
<b>SIDE STREETS</b>	
DAVY STREET - EAST	16.3
SHORT STREET - EAST	21.4
POND STREET - WEST	23.3
FIK STREET - EAST	22.3
FIK STREET - WEST	23.7
PINE STREET - EAST	25.3
PINE STREET - WEST	25.2
OAK STREET - EAST	20.7
OAK STREET - WEST	21.5
LOCUST STREET - EAST	24.7
LOCUST STREET - WEST	63.3
IL 38 (LINCOLN HIGHWAY) - EAST	33.4
IL 38 (LINCOLN HIGHWAY) - WEST	35.5
GROVE STREET - EAST	17.9
GROVE STREET - WEST	21.0
FRANKLIN STREET - EAST	16.6
FRANKLIN STREET - WEST	18.0
PROSPECT STREET - EAST	21.7
PROSPECT STREET - WEST	20.1
GARDEN STREET - EAST	22.4
GARDEN STREET - WEST	22.4
ROOSEVELT STREET - EAST	22.2
ROOSEVELT STREET - WEST	21.1
TAYLOR STREET - EAST	25.3
TAYLOR STREET - WEST	27.7
<b>TOTAL</b>	<b>930</b>

PATCHING SCHEDULE	
LOCATION	CLASS C PATCH, TYPE I, 11 INCH SQ. YD.
<b>MAINLINE</b>	
STA. 10+69.0, LT	2.9
<b>TOTAL</b>	<b>3</b>

FIRE HYDRANT SCHEDULE	
LOCATION	FIRE HYDRANT TO BE RELOCATED EACH
STA. 70+95.72, 39.9' RT	1
<b>TOTAL</b>	<b>1</b>

TREE REMOVAL SCHEDULE	
LOCATION	TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT
STA. 70+76.5, 53' LT	16
<b>TOTAL</b>	<b>16</b>

FILE

LOCATION	PAVING SCHEDULE									
	LENGTH FOOT	HMA SURFACE REMOVAL 2" SQ. YD.	BITUMINOUS MATERIALS (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TON	MIXTURE FOR CRACKS JOINTS & FLANGEWAYS TON	LEVELING BINDER (HAND METHOD) TON	HMA SURFACE COURSE TON	INCIDENTAL HMA SURFACING TON		
<b>MAINLINE</b>										
STA. 1241+25.00 TO STA. 1242+98.26 (BK)	173.26	881.2	70.5	1.8	2.6	0.4	98.7	---		
STA. 16+60.23 (AH) TO STA. 37+45.14	2084.91	8350.9	669.7	16.7	25.1	4.2	937.5	---		
STA. 37+45.14 TO STA. 41+48.03	402.89	2164.3	172.6	4.3	6.5	1.1	241.7	---		
STA. 41+48.03 TO STA. 41+72.75 (RR CROSSING)	24.72	56.8	4.5	0.1	0.2	0.0	6.4	---		
STA. 41+72.75 TO STA. 45+39.92	367.17	1761.0	140.8	3.5	5.3	0.9	197.1	---		
STA. 45+39.92 TO STA. 67+82.90	2242.98	8907.3	712.6	17.8	26.7	4.5	997.6	---		
STA. 67+82.90 TO STA. 71+19.40 (BK)	336.5	1510.9	120.9	3.0	4.5	0.8	189.2	---		
STA. 10+15.00 (AH) TO STA. 15+38.14	523.14	2807.2	224.6	5.6	8.4	1.4	314.4	---		
<b>SIDE STREETS</b>										
DAVY STREET - EAST	---	137.5	11.0	0.3	0.4	0.1	---	15.4		
SHORT STREET - EAST	---	105.1	8.4	0.2	0.3	0.1	---	11.8		
POND STREET - WEST	---	167.6	13.4	0.3	0.5	0.1	---	18.8		
ISK STREET - EAST	---	106.6	9.2	0.2	0.3	0.1	---	12.9		
ISK STREET - WEST	---	158.2	11.8	0.3	0.4	0.1	---	16.5		
PINE STREET - EAST	---	77.8	6.2	0.2	0.2	0.0	---	8.7		
PINE STREET - WEST	---	77.4	6.2	0.2	0.2	0.0	---	8.7		
OAK STREET - EAST	---	104.7	8.4	0.2	0.3	0.1	---	11.7		
OAK STREET - WEST	---	82.5	6.6	0.2	0.2	0.0	---	9.2		
LOCUST STREET - EAST	---	166.3	13.3	0.3	0.5	0.1	---	18.6		
LOCUST STREET - WEST	---	---	---	---	---	---	---	---		
IL 38 (LINCOLN HIGHWAY) - EAST	---	1551.1	124.0	3.1	4.7	0.8	173.6	---		
IL 38 (LINCOLN HIGHWAY) - WEST	---	1274.8	109.7	2.7	4.1	0.7	153.6	---		
GROVE STREET - EAST	---	92.1	7.4	0.2	0.3	0.0	---	10.3		
GROVE STREET - WEST	---	76.0	6.1	0.2	0.2	0.0	---	8.5		
FRANKLIN STREET - EAST	---	76.3	6.1	0.2	0.2	0.0	---	8.5		
FRANKLIN STREET - WEST	---	70.4	5.6	0.1	0.2	0.0	---	7.9		
PROSPECT STREET - EAST	---	86.9	7.0	0.2	0.3	0.0	---	9.7		
PROSPECT STREET - WEST	---	76.4	6.1	0.2	0.2	0.0	---	8.6		
GARDEN STREET - EAST	---	93.5	7.5	0.2	0.3	0.0	---	10.5		
GARDEN STREET - WEST	---	89.0	7.1	0.2	0.3	0.0	---	10.0		
ROOSEVELT STREET - EAST	---	86.8	6.9	0.2	0.3	0.0	---	9.7		
ROOSEVELT STREET - WEST	---	82.1	6.6	0.2	0.2	0.0	---	9.2		
TAYLOR STREET - EAST	---	1089.2	103.1	2.6	3.9	0.6	144.3	---		
TAYLOR STREET - WEST	---	1153.1	94.9	2.4	3.6	0.6	132.8	---		
<b>TOTAL</b>		<b>6155.57</b> GROSS	<b>6155.57</b> NET	<b>33521</b>	<b>2709</b>	<b>68</b>	<b>102</b>	<b>17</b>	<b>3567</b>	<b>225</b>

LOCATION	PAVEMENT WIDENING SCHEDULE		
	PAVEMENT REMOVAL SQ. YD.	SUB-BASE GRAN. MATL., TYPE A 6" SQ. YD.	PCC BASE COURSE WIDENING 11" SQ. YD.
<b>FIK STREET</b>			
NE QUAD	0.0	20.5	8.9
SW QUAD	0.0	21.9	10.4
<b>ILLINOIS 38</b>			
NW QUAD	0.0	113.1	93.1
<b>TAYLOR STREET</b>			
NW QUAD	0.0	37.8	26.9
NE QUAD	0.0	112.9	87.0
SW QUAD	56.4	8.1	3.6
SE QUAD	24.8	141.7	111.7
<b>TOTAL</b>	<b>81</b>	<b>456</b>	<b>342</b>

LOCATION	DRIVEWAY SCHEDULE		
	DRIVEWAY PAVEMENT REMOVAL SQ. YD.	PCC DRIVEWAY PAVEMENT 6" SQ. YD.	PCC DRIVEWAY PAVEMENT 8" SQ. YD.
<b>MAINLINE</b>			
STA. 70+16.03, LT.	32.4	30.3	0.0
STA. 10+67.20, LT.	53.0	0.0	0.0
STA. 11+31.56, LT.	18.9	0.0	30.2
STA. 11+73.74, RT.	30.7	0.0	42.0
STA. 12+58.39, RT.	23.8	0.0	22.7
STA. 139+40.19, RT. (TAYLOR ST)	60.3	0.0	0.0
<b>TOTAL</b>	<b>219</b>	<b>30</b>	<b>95</b>

LOCATION	CONCRETE CURB SCHEDULE	
	CURB REMOVAL FOOT	CONCRETE CURB, TYPE B FOOT
<b>TAYLOR STREET</b>		
SW QUAD	85.7	68.2
SE QUAD	62.9	45.8
<b>TOTAL</b>	<b>149</b>	<b>114</b>

LOCATION	STRIP REFLECTIVE CRACK CONTROL SCHEDULE	
	STRIP REFLECTIVE CRACK CONTROL FOOT	STRIP REFLECTIVE CRACK CONTROL FOOT
<b>MAINLINE</b>		
STA. 1241+25.00 TO STA. 1242+98.26 (BK)	---	347
STA. 16+60.23 (AH) TO STA. 37+45.14	---	4170
STA. 45+39.92 TO STA. 71+19.40 (BK)	---	5159
ISK STREET - NE	---	52
ISK STREET - SW	---	54
ILLINOIS 38 - NW	---	112
TAYLOR STREET - NW	---	58
TAYLOR STREET - NE	---	130
TAYLOR STREET - SW	---	23
TAYLOR STREET - SE	---	151
<b>TOTAL</b>	---	<b>10256</b>

LOCATION	PAVEMENT MARKING SCHEDULE													PREFORMED PLASTIC PAV'T MARKING, TY. B - INLAID	RAISED REFLECTIVE PAVEMENT MARKERS EACH	SHORT TERM PAVEMENT MARKING FOOT	WORK ZONE PAV'T MARKING REM. SQ. FT.	PAVEMENT MARKING REM. SQ. FT.
	TEMPORARY PAVEMENT MARKING						THERMOPLASTIC PAVEMENT MARKING											
	LETTERS & SYMBOLS SQ. FT.	LINE 4" FOOT	LINE 6" FOOT	LINE 8" FOOT	LINE 12" FOOT	LINE 24" FOOT	LETTERS & SYMBOLS SQ. FT.	LINE 4" FOOT	LINE 6" FOOT	LINE 8" FOOT	LINE 12" FOOT	LINE 24" FOOT	LINE 6" FOOT					
<b>MAINLINE</b>																		
STA. 1241+25.00 TO STA. 1242+98.26 (BK)	83.0	1416	376	---	16	58	41.5	708	148	---	8	29	40	10	222	37.0	285.0	
STA. 16+60.23 (AH) TO STA. 37+45.14	---	13548	922	---	1374	88	---	6774	461	---	687	44	---	102	688	115.0	---	
STA. 37+45.14 TO STA. 41+48.03	546.0	1512	666	180	494	168	273.0	756	213	90	247	84	130	5	1316	219.0	---	
STA. 41+48.03 TO STA. 41+72.75 (RR CROSSING)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
STA. 41+72.75 TO STA. 45+39.92	546.0	1186	622	100	180	130	273.0	593	171	50	90	65	140	20	1194	199.0	---	
STA. 45+39.92 TO STA. 67+82.90	129.2	15616	578	---	2286	---	64.6	7808	289	---	1143	---	---	119	448	75.0	---	
STA. 67+82.90 TO STA. 71+19.40 (BK)	62.4	1748	224	326	70	56	31.2	874	112	163	35	28	---	19	448	75.0	---	
STA. 10+15.00 (AH) TO STA. 15+38.14	124.8	4330	322	350	716	70	62.4	2165	121	175	358	35	40	30	798	133.0	---	
<b>SIDE STREETS</b>																		
DAVY STREET - EAST	---	---	128	---	---	50	---	---	64	---	---	25	---	---	150	25.0	---	
SHORT STREET - EAST	---	---	122	---	---	28	---	---	61	---	---	14	---	---	84	14.0	---	
POND STREET - WEST	---	---	168	---	---	32	---	---	84	---	---	16	---	---	96	16.0	---	
ISK STREET - EAST	---	---	130	---	---	28	---	---	65	---	---	14	---	---	84	14.0	---	
ISK STREET - WEST	---	---	188	---	---	76	---	---	94	---	---	38	---	---	228	38.0	---	
PINE STREET - EAST	---	---	142	---	---	34	---	---	71	---	---	17	---	---	102	17.0	35.0	
PINE STREET - WEST	---	---	140	---	---	34	---	---	70	---	---	17	---	---	102	17.0	33.0	
OAK STREET - EAST	---	---	142	---	---	30	---	---	71	---	---	15	---	---	90	15.0	---	
OAK STREET - WEST	---	---	128	---	---	---	---	---	64	---	---	---	---	---	---	---	---	
LOCUST STREET - EAST	31.2	54	210	26	---	48	15.6	27	105	13	---	24	---	200	33.0	---		
IL 38 (LINCOLN HIGHWAY) - EAST	244.8	2354	756	---	526	150	122.4	1177	348	---	283	75	30	---	874	146.0	---	
IL 38 (LINCOLN HIGHWAY) - WEST	244.8	1690	394	---	378	132	122.4	845	107	---	189	66	90	---	812	135.0	---	
GROVE STREET - EAST	---	---	128	---	---	26	---	---	64	---	---	13	---	---	78	13.0	---	
GROVE STREET - WEST	---	---	132	---	---	30	---	---	66	---	---	15	---	---	90	15.0	27.0	
FRANKLIN STREET - EAST	---	---	102	---	---	22	---	---	51	---	---	11	---	---	66	11.0	20.0	
FRANKLIN STREET - WEST	---	---	100	---	---	24	---	---	50	---	---	12	---	---	72	12.0	25.0	
PROSPECT STREET - EAST	---	---	126	---	---	30	---	---	63	---	---	15	---	---	90	15.0	---	
PROSPECT STREET - WEST	---	---	118	---	---	30	---	---	59	---	---	15	---	---	90	15.0	---	
GARDEN STREET - EAST	---	---	128	---	---	30	---	---	64	---	---	15	---	---	90	15.0	---	
GARDEN STREET - WEST	---	---	130	---	---	30	---	---	65	---	---	15	---	---	90	15.0	---	
ROOSEVELT STREET - EAST	---	---	128	---	---	30	---	---	64	---	---	15	---	---	90	15.0	26.0	
ROOSEVELT STREET - WEST	---	---	124	---	---	30	---	---	62	---	---	15	---	---	90	15.0	26.0	
TAYLOR STREET - EAST	62.4	968	248	268	---	58	31.2	484	124	134	---	29	---	---	434	72.0	---	
TAYLOR STREET - WEST	62.4	1056	152	272	---	46	31.2	528	76	136	---	23	---	---	400	67.0	---	
<b>TOTAL</b>	<b>2137</b>	<b>45478</b>	<b>7994</b>	<b>1522</b>	<b>6040</b>	<b>1598</b>	<b>1069</b>	<b>22739</b>	<b>3527</b>	<b>761</b>	<b>3020</b>	<b>799</b>	<b>470</b>	<b>305</b>	<b>9616</b>	<b>1603</b>	<b>477</b>	

LOCATION	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL SCHEDULE	
	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH
<b>MAINLINE</b>		
STA. 24+73 TO 26+29	---	10
STA. 65+90 TO STA. 70+87	---	26
<b>ILLINOIS 38</b>		
WEST	---	12
EAST	---	9
<b>TOTAL</b>	---	<b>57</b>

LOCATION	SIGN SCHEDULE	
	SIGN PANEL - TYPE 1 SQ. FT.	TELESCOPING STEEL SIGN SUPPORT FOOT
<b>IL 23</b>		
STA. 38+34.2, LT.	9.0	15
STA. 40+03.3, LT.	9.0	16
STA. 40+50.0, LT.	9.0	16
STA. 42+35.8, RT.	9.0	16
STA. 43+29.6, RT.	9.0	16
STA. 44+57.3, RT.	9.0	15
STA. 68+00, RT.	7.5	14.5
STA. 69+37.9, RT.	8.8	16
STA. 10+56.1, RT.	8.8	16
STA. 10+65.0, LT.	8.8	16
STA. 11+98.1, LT.	8.8	16
STA. 13+00, LT.	7.5	14.5
STA. 21+03, LT. (S. OF TAYLOR ST.)	9.0	16
<b>TAYLOR STREET</b>		
STA. 136+93.5, RT.	7.5	14.5
STA. 142+96.3, LT.	7.5	14.5
<b>TOTAL</b>	<b>128</b>	<b>232</b>

ADJUSTMENT SCHEDULE								
LOCATION	WATER VALVES TO BE ADJUSTED EACH	MANHOLES TO BE ADJUSTED EACH	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID EACH	INLETS TO BE ADJUSTED WITH NEW TYPE 4 FRAME AND GRATE EACH	VALVE VAULTS TO BE ADJUSTED EACH	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID EACH	VALVE BOXES TO BE ADJUSTED EACH	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID EACH
STA. 1241+61.13, 42.8' LT.	1							
STA. 1241+99.30, 16.2' RT.			1					
STA. 1242+97.84, 11.6' RT.			1					
STA. 17+73.25, 12.0' RT.			1					
STA. 17+73.46, 13.4' LT.			1					
STA. 19+29.82, 12.1' RT.			1					
STA. 19+45.50, 10.9' RT.			1					
STA. 20+49.28, 11.4' RT.			1					
STA. 21+34.21, 11.1' RT.			1					
STA. 21+71.68, 5.8' RT.			1					
STA. 21+75.48, 12.4' RT.			1					
STA. 22+07.47, 8.5' LT.			1					
STA. 22+11.79, 14.3' LT.			1					
STA. 23+39.33, 10.9' LT.			1					
STA. 25+12.80, 11.7' RT.			1					
STA. 25+21.26, 12.1' LT.			1					
STA. 25+39.57, 13.9' RT.			1					
STA. 29+87.72, 11.3' RT.			1					
STA. 31+46.68, 11.4' RT.			1					
STA. 33+15.61, 13.4' RT.			1					
STA. 33+27.94, 10.8' RT.			1					
STA. 33+31.99, 9.5' RT.			1					
STA. 33+81.14, 13.9' RT.			1					
STA. 36+21.43, 6.1' RT.			1					
STA. 36+58.11, 14.2' RT.			1					
STA. 37+13.50, 31.2' LT.	1							
STA. 37+24.57, 14.7' RT.			1					
STA. 37+33.51, 14.0' RT.			1					1
STA. 37+36.45, 19.1' LT.			1					
STA. 37+44.92, 8.8' RT.			1					
STA. 37+66.84, 10.8' RT.			1					
STA. 37+78.95, 16.7' RT.			1					
STA. 38+72.88, 17.5' RT.			1					
STA. 38+72.90, 21.1' LT.			1					
STA. 39+38.37, 8.6' RT.			1					
STA. 39+57.96, 17.3' RT.			1					
STA. 39+72.35, 16.6' RT.			1					
STA. 39+78.09, 21.6' LT.			1					
STA. 39+99.78, 8.4' RT.			1			1		
STA. 39+99.92, 14.6' RT.			1					
STA. 40+01.01, 20.8' LT.			1					
STA. 40+59.52, 21.7' LT.			1			1		
STA. 40+69.65, 17.7' RT.			1					
STA. 41+23.45, 33.8' LT.			1					
STA. 41+24.56, 16.2' RT.			1			1		
STA. 41+30.23, 22.1' RT.			1					
STA. 42+06.57, 17.7' LT.			1			1		
STA. 45+17.96, 27.2' RT.			1					
STA. 45+55.84, 16.2' LT.			1					
STA. 45+56.21, 18.3' RT.			1					
STA. 45+75.82, 14.5' RT.			1					
STA. 47+13.81, 12.6' RT.			1					
STA. 49+02.93, 14.1' RT.			1					
STA. 49+67.57, 11.7' RT.			1					
STA. 51+09.33, 11.5' RT.			1					
STA. 53+09.69, 11.5' RT.			1					
STA. 53+16.02, 13.1' LT.			1					1
STA. 53+69.66, 14.3' RT.			1					
STA. 55+39.43, 10.8' RT.			1					
STA. 57+49.39, 10.9' RT.			1					
STA. 57+68.95, 13.8' RT.			1					
STA. 59+32.18, 11.3' RT.			1					
STA. 61+06.47, 15.6' RT.			1					
STA. 61+61.38, 13.4' RT.			1					
STA. 61+64.37, 13.5' LT.			1					1
STA. 64+59.18, 14.0' LT.			1					1
STA. 65+99.24, 13.2' LT.			1					1
STA. 66+12.39, 9.1' RT.			1					
STA. 67+98.99, 13.6' LT.		1						
STA. 68+90.17, 12.8' LT.			1					
STA. 70+67.00, 11.2' LT.			1					
STA. 71+02.97, 17.4' LT.			1					
STA. 71+03.83, 24.3' RT.			1			1		
STA. 71+04.52, 30.6' LT.			1					
STA. 10+25.80, 18.3' LT.			1					1
STA. 10+30.39, 19.0' LT.			1					1
STA. 10+31.17, 24.9' RT.			1					1
STA. 10+35.24, 19.6' LT.			1			1		
STA. 10+41.15, 29.9' LT.			1				1	
STA. 10+69.00, 17.9' LT.			1					
STA. 11+91.62, 18.8' LT.			1		1			
STA. 12+89.73, 16.5' LT.			1					
STA. 13+15.19, 23.0' RT.			1					
STA. 13+54.90, 11.5' LT.			1					
STA. 14+13.76, 11.0' LT.		1						
STA. 137+73.80, 13.4' RT. (TAYLOR)		1						
STA. 10+75.04, 19.0' RT. (IL 38)		1						
STA. 10+84.21, 18.3' RT. (IL 38)					1			
STA. 10+89.67, 14.1' RT. (IL 38)					1			
STA. 10+94.18, 7.9' LT. (IL 38)								1
STA. 12+44.22, 23.7' RT. (IL 38)			1					
STA. 12+61.21, 20.9' RT. (IL 38)					1			
STA. 12+83.31, 12.3' RT. (IL 38)					1			
STA. 13+41.48, 10.7' RT. (IL 38)					1			
STA. 13+57.23, 0.48' LT. (IL 38)			1					
TOTAL	2	4	65	1	3	9	1	10

SEWER SCHEDULE										
LOCATION	TRENCH BACKFILL CU. YD.	STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS A, TYPE 1 12", RUBBER GASKET FOOT	INLETS, TYPE A, TYPE 3 FRAME AND GRATE EACH	INLETS, TYPE A, TYPE 4 FRAME AND GRATE EACH	REMOVING CATCH BASINS EACH	REMOVING CATCH BASINS TO MAINTAIN FLOW EACH	REMOVING INLETS TO MAINTAIN FLOW EACH	SANITARY MANHOLES TO BE REMOVED EACH	STORM SEWER REMOVAL 10" FOOT
STA. 25+99.50, 18.40' RT.							1			
STA. 25+99.72, 21.71' RT.				1						
STA. 25+99.50, 18.40' RT. TO STA. 25+99.72, 21.71' RT.	1.2	4								
STA. 70+67.24, 32.94' LT.					1					
STA. 70+67.26, 24.43' LT.								1		
STA. 70+67.24, 32.94' LT. TO STA. 70+67.26, 24.43' LT.	0.2	7								
STA. 70+82.44, 26.80' RT.									1	
STA. 70+97.19, 40.65' RT.				1						
STA. 71+04.40, 40.75' RT.								1		
STA. 70+97.19, 40.65' RT. TO STA. 71+04.40, 40.75' RT.	0.7		6							
STA. 10+38.20, 41.20' RT.							1			
STA. 10+41.17, 41.23' RT.					1					
STA. 10+38.20, 41.20' RT. TO STA. 10+41.17, 41.23' RT.	0.2	2								
STA. 10+64.42, 24.96' LT.						1				
STA. 10+62.54, 27.83' LT.					1					
STA. 10+62.54, 27.83' LT. TO STA. 10+69.00, 17.88' LT.	0.2		15							8
TOTAL	3	13	21	2	3	1	2	2	1	8

FILE NAME = D366793-SHT-SCHEDULE.DGN

USER NAME = ---  
 PLOT SCALE = 1"=20'  
 PLOT DATE = 01/11

DESIGNED - DJD  
 DRAWN - NV  
 CHECKED - DJD  
 DATE - 01/11

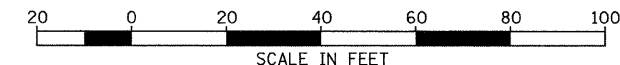
REVISED - ---  
 REVISED - ---  
 REVISED - ---  
 REVISED - ---

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

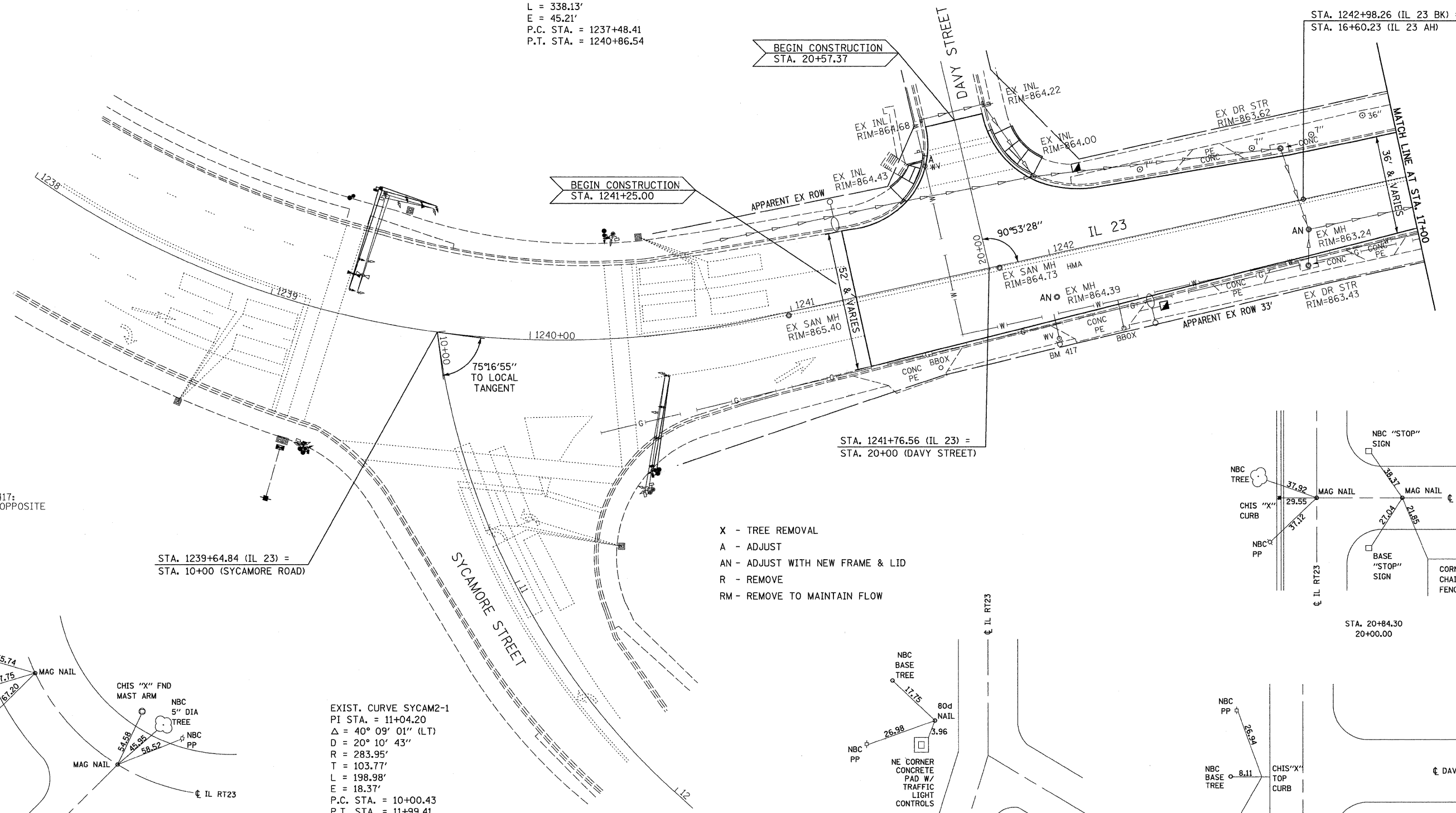
SCHEDULE OF QUANTITIES

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28N, TS & I	DEKALB	104	14
CONTRACT NO. 66983				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



EXIST. CURVE RT23NRTH-1  
 PI STA. = 1239+31.98  
 $\Delta = 55^\circ 20' 56''$  (LT)  
 $D = 16^\circ 22' 09''$   
 $R = 350.02'$   
 $T = 183.57'$   
 $L = 338.13'$   
 $E = 45.21'$   
 P.C. STA. = 1237+48.41  
 P.T. STA. = 1240+86.54



BENCHMARK #417:  
 E. BOLT F.H. OPPOSITE  
 DAVY STREET  
 EL.=866.74

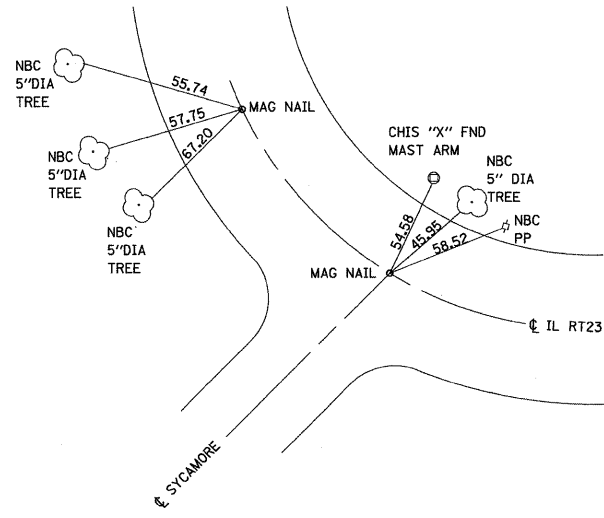
STA. 1239+64.84 (IL 23) =  
 STA. 10+00 (SYCAMORE ROAD)

STA. 1241+76.56 (IL 23) =  
 STA. 20+00 (DAVY STREET)

STA. 1242+98.26 (IL 23 BK) =  
 STA. 16+60.23 (IL 23 AH)

- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW

EXIST. CURVE SYCAM2-1  
 PI STA. = 11+04.20  
 $\Delta = 40^\circ 09' 01''$  (LT)  
 $D = 20^\circ 10' 43''$   
 $R = 283.95'$   
 $T = 103.77'$   
 $L = 198.98'$   
 $E = 18.37'$   
 P.C. STA. = 10+00.43  
 P.T. STA. = 11+99.41



PC STA. 1237+48.41  
 10+00.00

CP 23501 - STA. 1239+14.66- 51.43 RT

CP 23510- STA. 1241+65.11- 29.44RT

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN - IL 23**

FILE NAME =  
 0366983-SHT-PLAN-1238-17.DGN

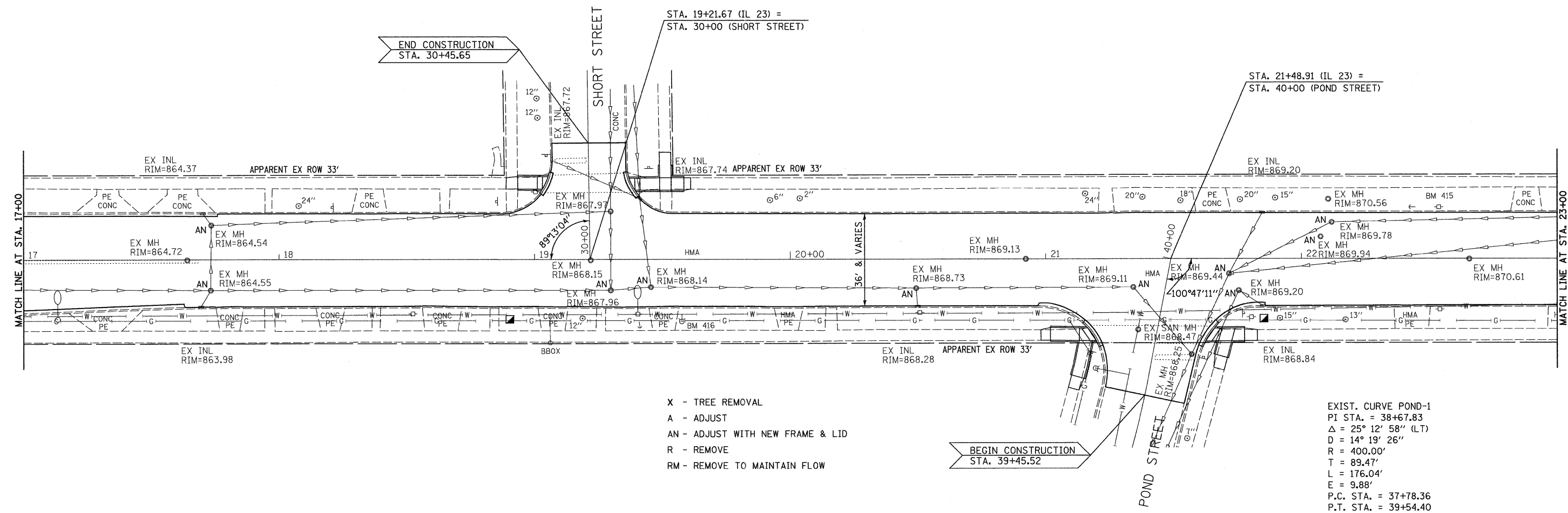
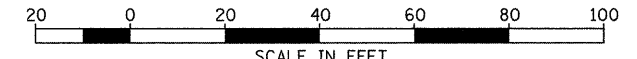
USER NAME = ---  
 DESIGNED - DJD  
 DRAWN - NV  
 CHECKED - DJD  
 PLOT SCALE = 1"=20'  
 PLOT DATE = 01/11

REVISOR - ---  
 REVISIONS - ---  
 DATE - 01/11

REVISOR - ---  
 REVISIONS - ---  
 DATE - 01/11

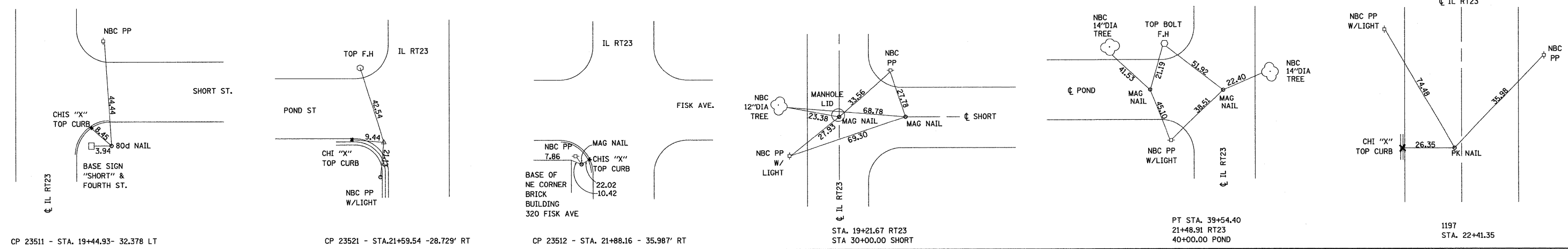
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 1238+00 TO STA. 17+00

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 15
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



BENCHMARK #416:  
SE BOLT F.H. SW  
QUAD IL 23 & SHORT ST.  
EL.=874.56

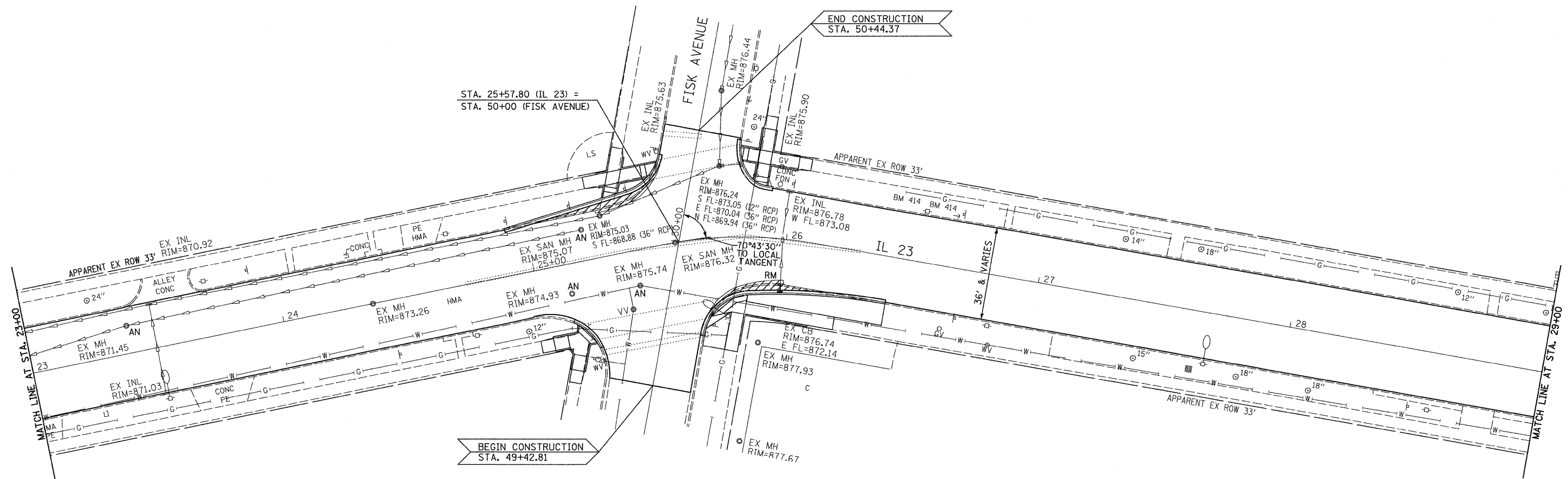
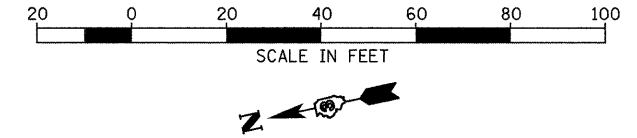
BENCHMARK #415:  
RR SPIKE IN GUY POLE @  
HSE 612  
EL.=871.19



FILE NAME = 0366983-SHT-PLAN-17-23.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN - IL 23</b>	F.A.P. RTE. = 68	SECTION (28N, TS & I)	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 16	
PLOT SCALE = 1"=20'		CHECKED - DJD	REVISED - ---			SCALE: 1"=20'		SHEET NO. ___ OF ___ SHEETS		STA. 17+00 TO STA. 23+00	
PLOT DATE = 01/11		DATE - 01/11	REVISED - ---			CONTRACT NO. 66983		FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT			

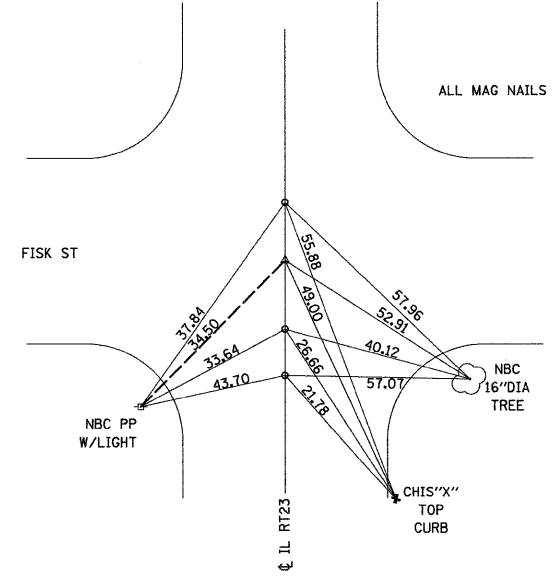


EXIST. CURVE 23N38-1  
 PI STA. = 25+81.10  
 $\Delta = 21^\circ 34' 32''$  (RT)  
 D = 35° 59' 31"  
 R = 159.19'  
 T = 30.33'  
 L = 59.95'  
 E = 2.86'  
 P.C. STA. = 25+50.77  
 P.T. STA. = 26+10.71



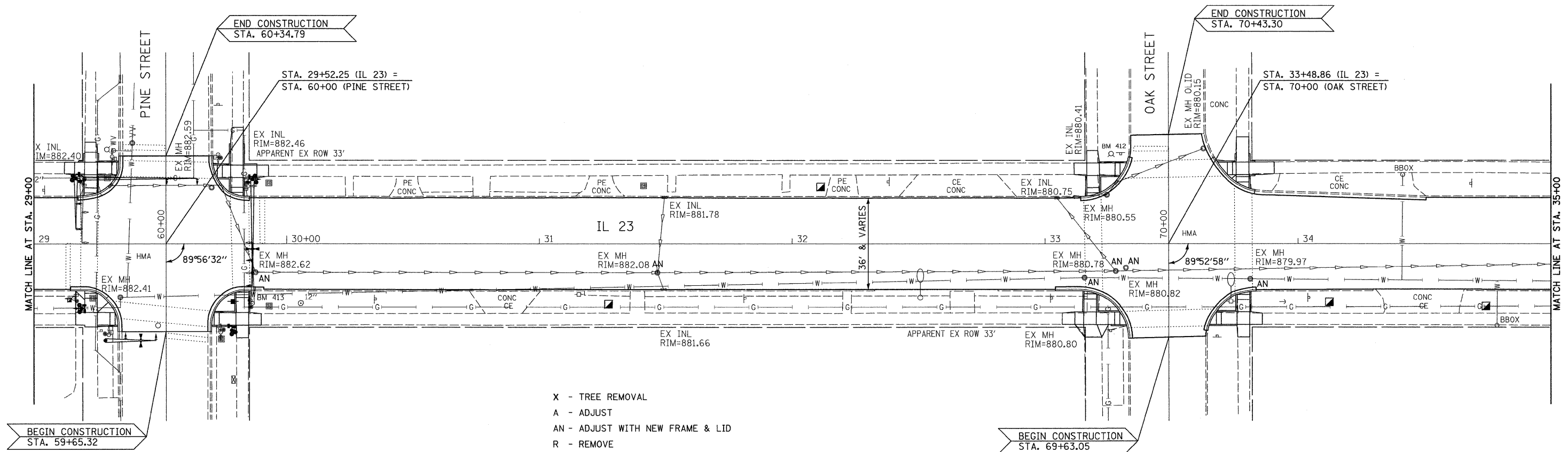
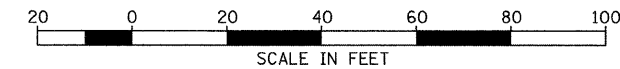
BENCHMARK #414:  
 RR SPIKE IN GUY POLE  
 @ HSE 424  
 EL.=879.53

- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW



STA.25+57.80 RT23  
 50+00.00 FISK  
 PC 25+50.77  
 PI 25+81.10  
 PT 26+10.71

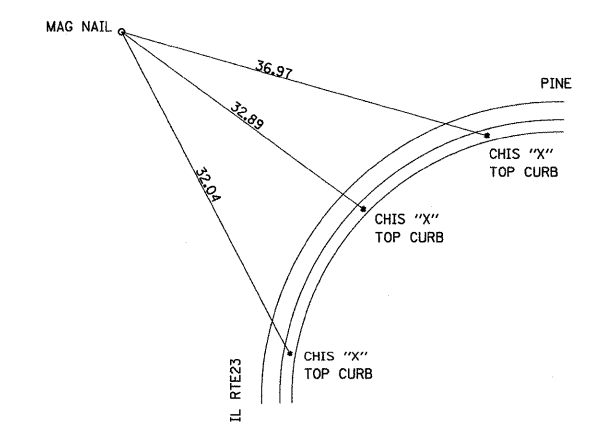
FILE NAME = D366983-SHT-PLAN-23-29.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN - IL 23</b>	F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 17	
PLOT SCALE = 1"=20'	CHECKED - DJD	REVISED - ---	SCALE: 1"=20'			SHEET NO. ___ OF ___ SHEETS	STA. 23+00 TO STA. 29+00	CONTRACT NO. 66983		ILLINOIS FED. AID PROJECT	
PLOT DATE = 01/11	DATE - 01/11	REVISED - ---									



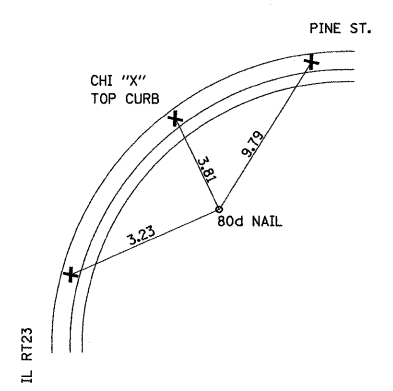
- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW

BENCHMARK #413:  
CHIS "X" TOP E EDGE MAST ARM FDN  
@ SW QUAD IL 23 & PINE ST.  
EL.=882.95

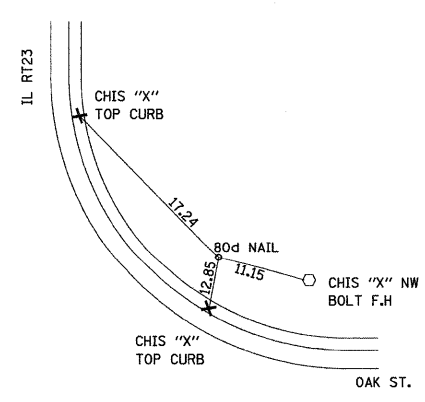
BENCHMARK #412:  
CHIS "X" TOP NW BOLT F.H. IN  
NE QUAD IL 23 & OAK ST.  
EL.=882.58



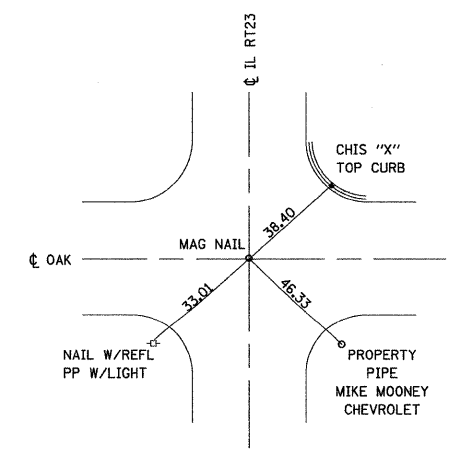
STA. 29+52.25 RT23  
60+00.00 PINE



CP 23502 - STA.29+76.25 -24.009' LT

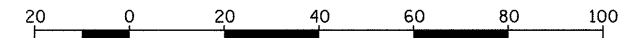


CP 23513 - STA.33+26.70 - 23.965' LT

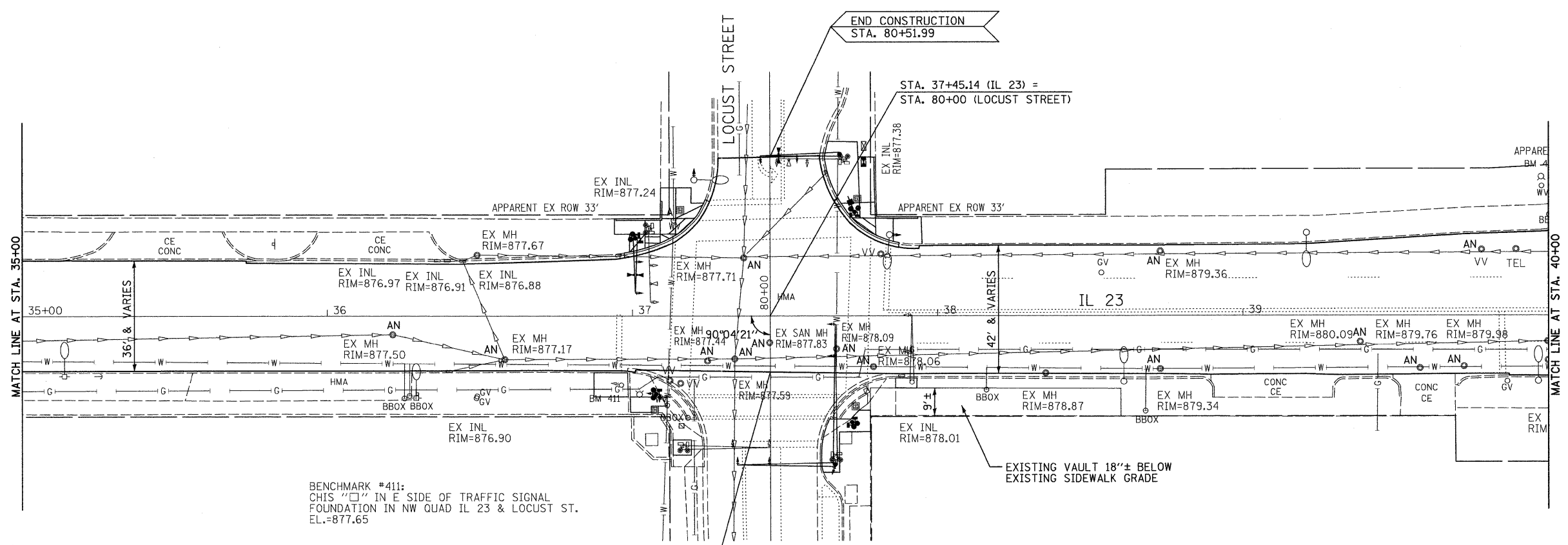


STA. 33+48.86 RT23  
70+00.00 OAK

FILE NAME = 0366983-SHT-PLAN-29-35.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN - IL 23</b>		F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 18
	PLOT SCALE = 1"=20'	CHECKED - DJD	REVISED - ---				SCALE: 1"=20' SHEET NO. ___ OF ___ SHEETS STA. 29+00 TO STA. 35+00		CONTRACT NO. 66983		FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT
PLOT DATE = 01/11	DATE - 01/11	REVISED - ---	REVISED - ---								



SCALE IN FEET

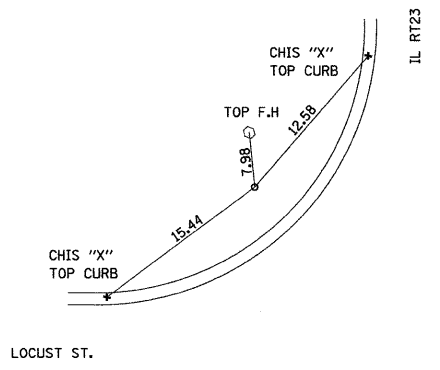


- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW

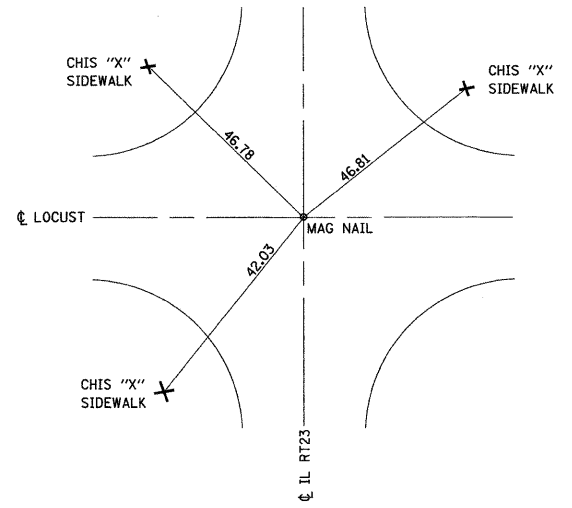
BENCHMARK #411:  
CHIS "X" IN E SIDE OF TRAFFIC SIGNAL  
FOUNDATION IN NW QUAD IL 23 & LOCUST ST.  
EL.=877.65

BEGIN CONSTRUCTION  
STA. 79+81.66

END CONSTRUCTION  
STA. 80+51.99



CP 23514 - STA. 37+09.94 -24.9159' RT



STA. 37+45.14 RT23  
80+00.00 LOCUST

FILE NAME = 0366983-SHT-PLAN-35-48.DGN  
USER NAME = ---  
PLOT SCALE = 1"=20'  
PLOT DATE = 01/11

DESIGNED - DJD  
DRAWN - NV  
CHECKED - DJD  
DATE - 01/11

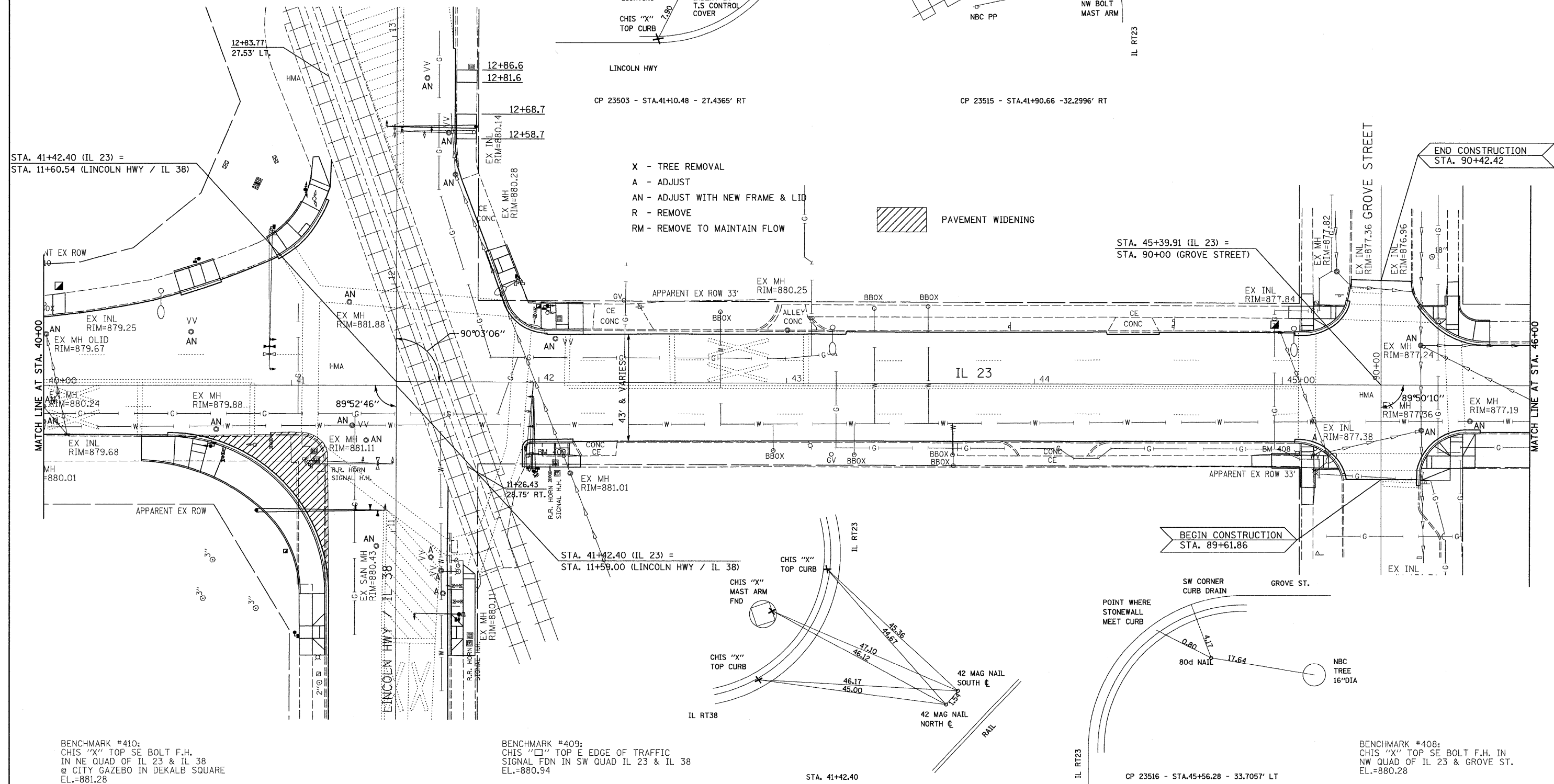
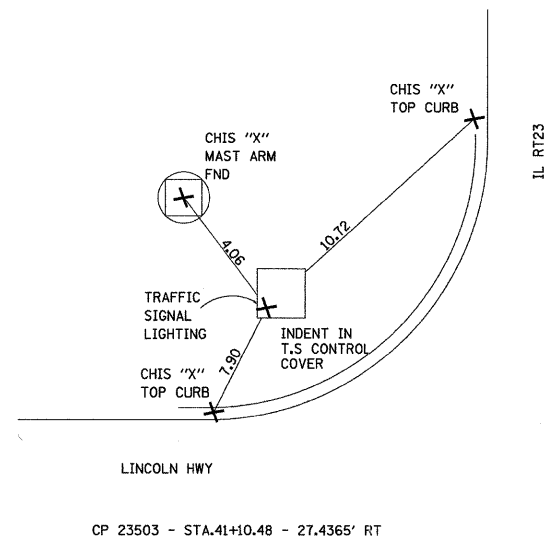
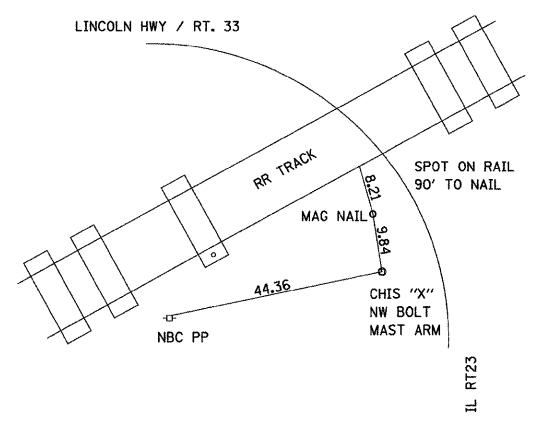
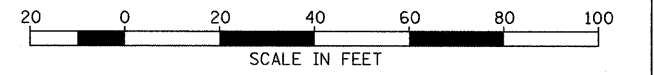
REVISED - ---  
REVISED - ---  
REVISED - ---  
REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN - IL 23**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 35+00 TO STA. 40+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	19
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW



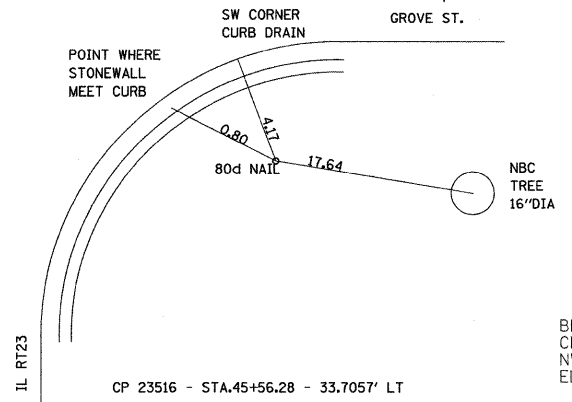
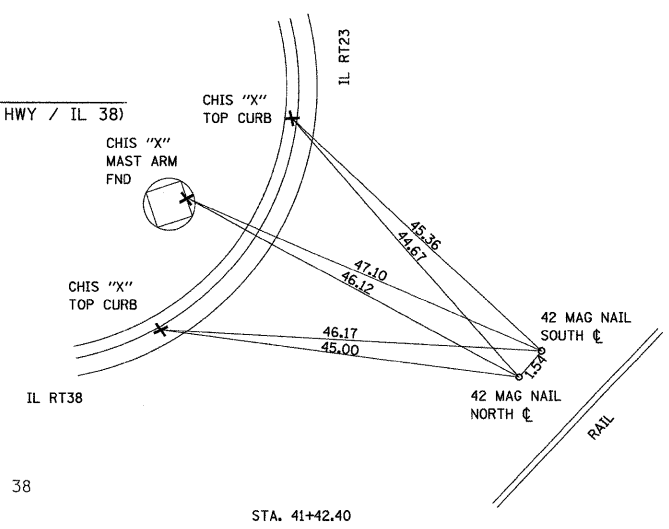
STA. 41+42.40 (IL 23) =  
STA. 11+60.54 (LINCOLN HWY / IL 38)

STA. 45+39.91 (IL 23) =  
STA. 90+00 (GROVE STREET)

END CONSTRUCTION  
STA. 90+42.42

BEGIN CONSTRUCTION  
STA. 89+61.86

STA. 41+42.40 (IL 23) =  
STA. 11+59.00 (LINCOLN HWY / IL 38)



BENCHMARK #410:  
CHIS "X" TOP SE BOLT F.H.  
IN NE QUAD OF IL 23 & IL 38  
@ CITY GAZEBO IN DEKALB SQUARE  
EL.=881.28

BENCHMARK #409:  
CHIS "□" TOP E EDGE OF TRAFFIC  
SIGNAL FDN IN SW QUAD IL 23 & IL 38  
EL.=880.94

STA. 41+42.40

CP 23516 - STA.45+56.28 - 33.7057' LT

FILE NAME =  
D386983-SHT-PLAN-40-46.DGN

USER NAME = ---  
DESIGNED - DJD  
DRAWN - NV  
CHECKED - DJD  
DATE - 01/11

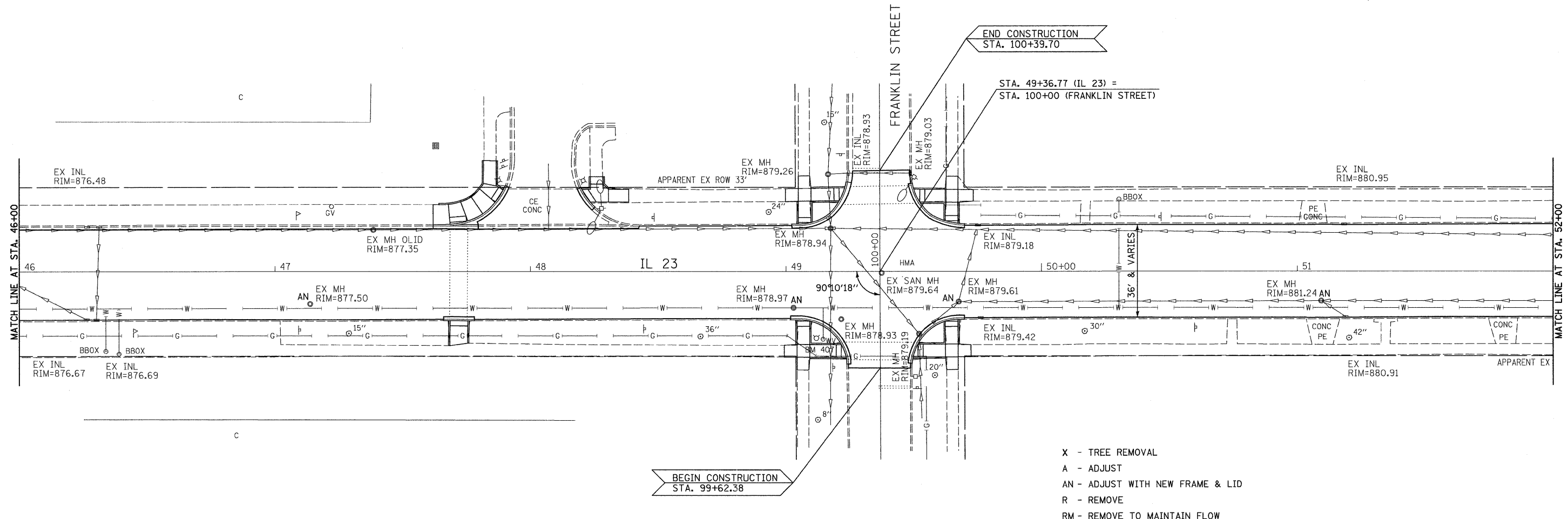
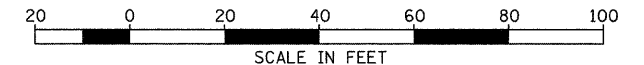
REVISD - ---  
REVISD - ---  
REVISD - ---  
REVISD - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN - IL 23**

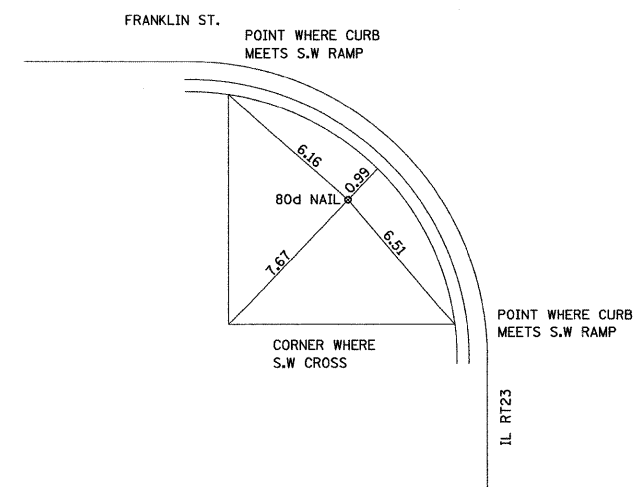
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 40+00 TO STA. 46+00

F.A.P. RTE. 68	SECTION (28IN, TS & I)	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 20
CONTRACT NO. 66983				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

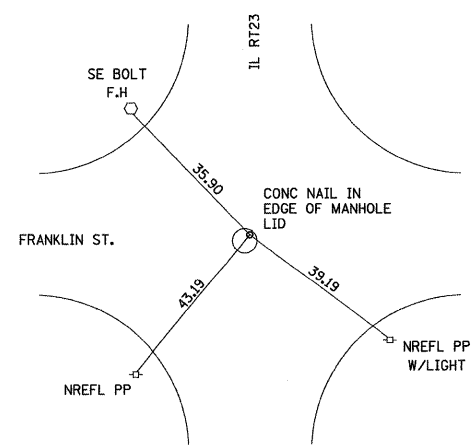


- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW

BENCHMARK \*407:  
 CHIS "X" TOP SE BOLT F.H. IN NW  
 QUAD IL 23 & FRANKLIN ST.  
 EL.=881.12

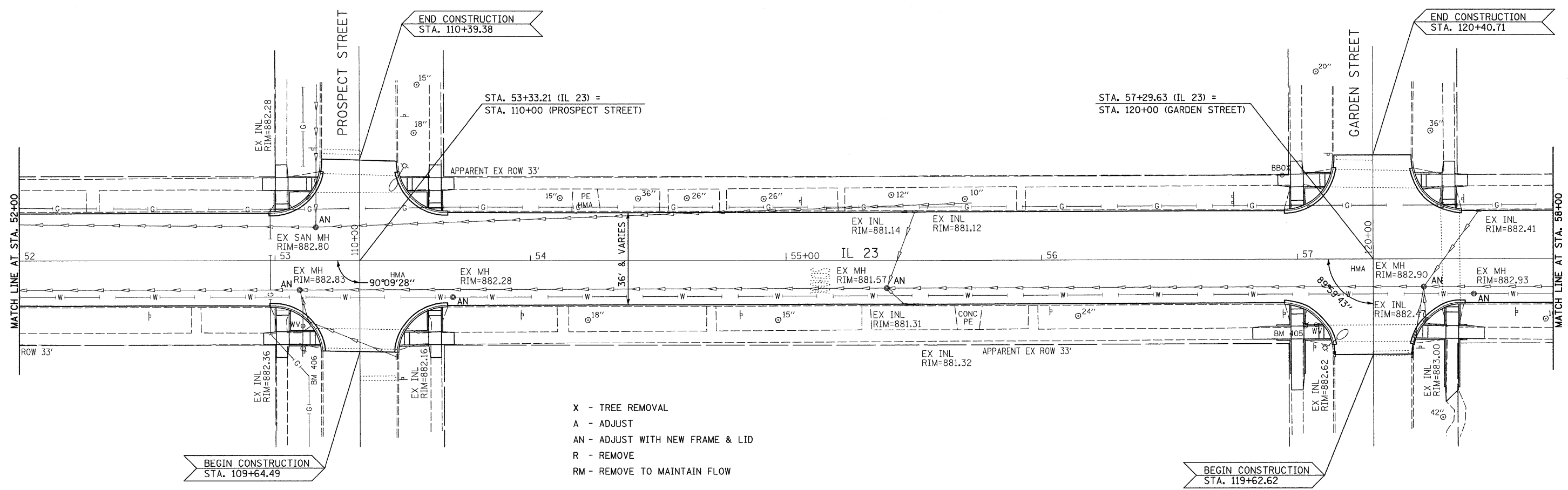
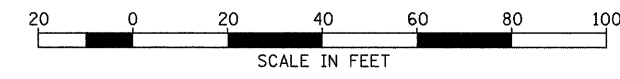


CP 23517 - STA. 49+56.93 -23.5438' RT



STA. 49+36.77 RT23  
 100+00 FRANKLIN

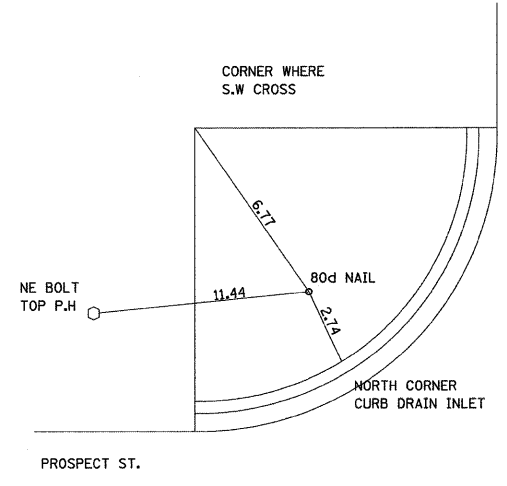
FILE NAME = 0366983-SHT-PLAN-46-52.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN - IL 23</b>	F.A.P. RTE. = 68	SECTION = (28)N, TS & I	COUNTY = DEKALB	TOTAL SHEETS = 120	SHEET NO. = 21
PLOT SCALE = 1"=20'	CHECKED - DJD	REVISED - ---	CONTRACT NO. 66983							
PLOT DATE = 01/11	DATE = 01/11	REVISED - ---	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							
						SCALE: 1"=20'    SHEET NO. ___ OF ___ SHEETS    STA. 46+00 TO STA. 52+00				



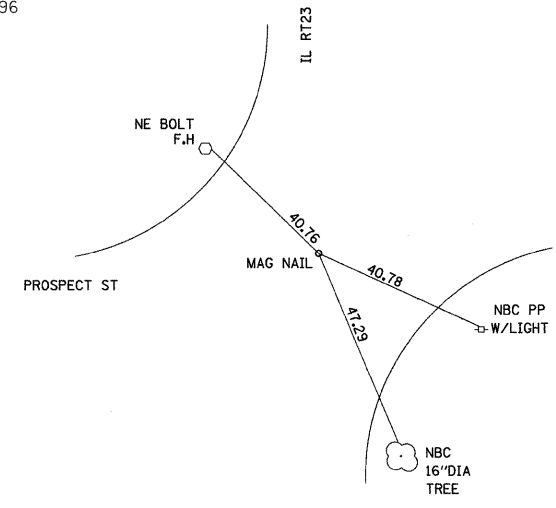
- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW

BENCHMARK #406:  
CHIS "X" TOP NE BOLT F.H. IN  
NW QUAD IL 23 & PROSPECT ST.  
EL.=885.96

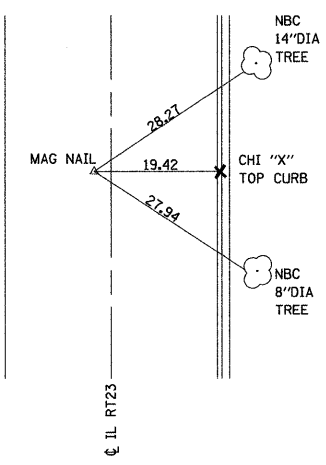
BENCHMARK #405:  
CHIS "X" TOP NE BOLT IN NW  
QUAD IL 23 & GARDEN ST.  
EL.=885.10



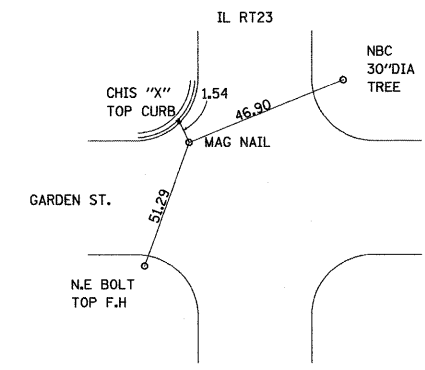
CP 23518 - STA.53+09.43 - 23.1784' RT



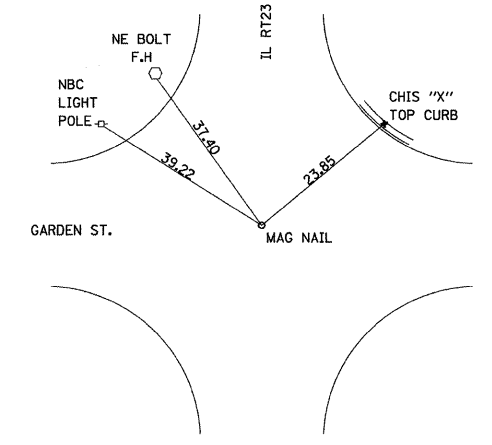
STA. 53+33.21 RT23  
110+00.00 PROSPECT



PI STA. 55+55.28

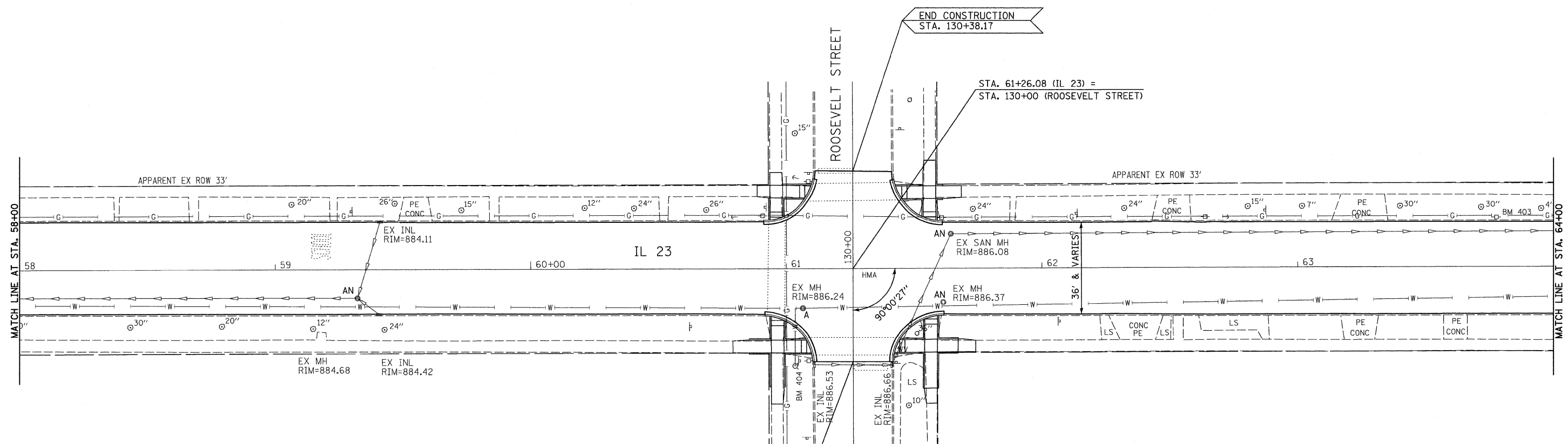
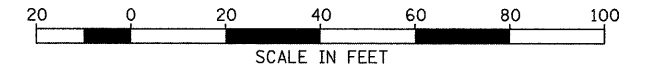


CP 23504 - STA. 57+10.56 -24.8059' LT



STA. 57+29.63 RT23  
120+00 GARDEN

FILE NAME = 0366983-SHT-PLAN-52-58.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN - IL 23</b>		F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 22
	PLOT SCALE = 1"=20'	CHECKED - DJD	REVISED - ---				CONTRACT NO. 66983				
	PLOT DATE = 01/11	DATE - 01/11	REVISED - ---				ILLINOIS FED. AID PROJECT				
					SCALE: 1"=20'	SHEET NO. ___ OF ___ SHEETS	STA. 52+00 TO STA. 58+00				



- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW

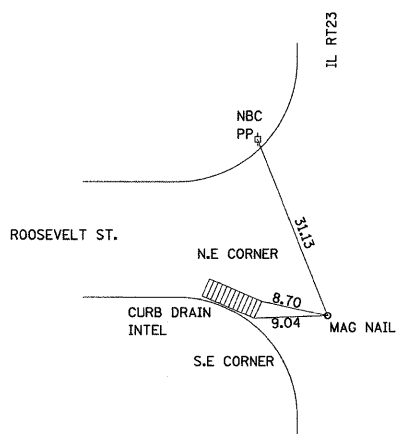
BEGIN CONSTRUCTION  
STA. 129+63.51

END CONSTRUCTION  
STA. 130+38.17

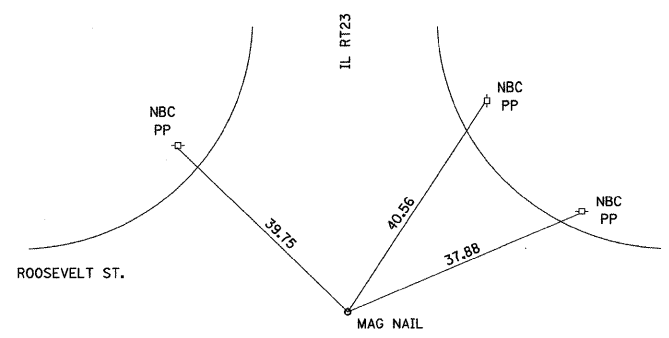
STA. 61+26.08 (IL 23) =  
STA. 130+00 (ROOSEVELT STREET)

BENCHMARK #404:  
CHIS "X" TOP NW BOLT F.H. IN  
NW QUAD IL 23 & ROOSEVELT ST.  
EL.=890.27

BENCHMARK #403:  
RR SPIKE IN PP  
@ HSE 626  
EL.=884.61



CP 23519 - STA.61+39.28 - 28.1308' RT



STA. 61+26.08 RT23  
130+00.00 ROOSEVELT

FILE NAME = 0366983-SHT-PLAN-58-64.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---
		DRAWN - NV	REVISED - ---
	PLOT SCALE = 1"=20'	CHECKED - DJD	REVISED - ---
	PLOT DATE = 01/11	DATE - 01/11	REVISED - ---

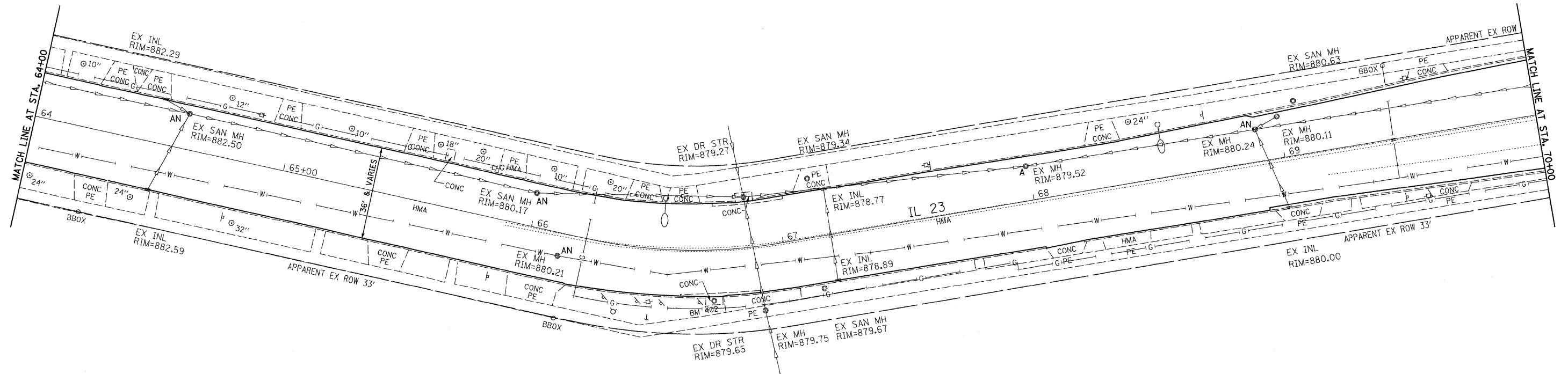
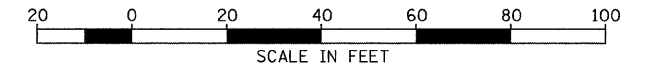
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN - IL 23**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 58+00 TO STA. 64+00

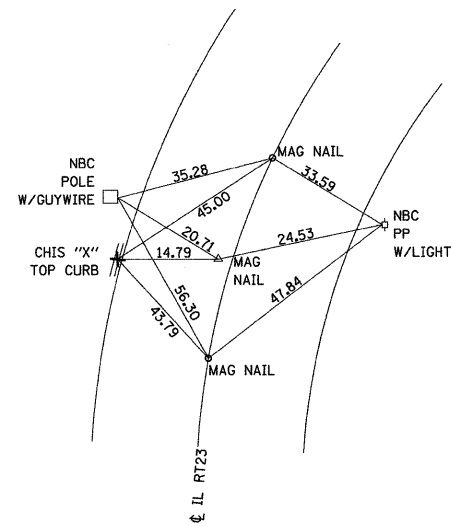
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	23
CONTRACT NO. 66983				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

EXIST. CURVE 23S38-1  
 PI STA. = 66+60.37  
 $\Delta = 22^\circ 08' 35''$  (LT)  
 $D = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 39.14'$   
 $L = 77.29'$   
 $E = 3.79'$   
 P.C. STA. = 66+21.23  
 P.T. STA. = 66+98.53

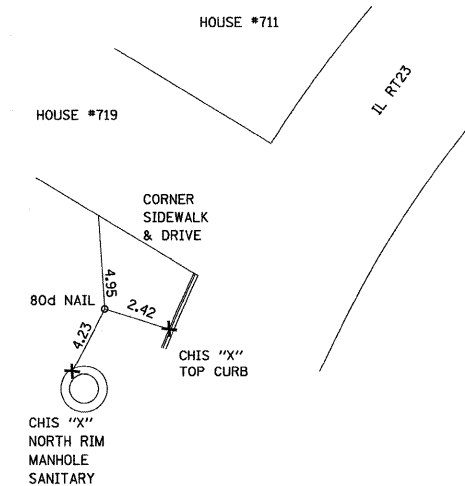


BENCHMARK #402:  
 CHIS "X" ON E EDGE MH FRAME  
 ACROSS IL RT 23 FROM HSE 712  
 EL. = 879.65

- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW



PC 66+21.23  
 PI 66+60.37  
 PT 66+98.53



CP 23520 - STA.67+07.90 -20.9480' RT

FILE NAME =  
 0366983-SHT-PLAN-64-78.DGN

USER NAME = ---

DESIGNED - DJD  
 DRAWN - NV

REVISED - ---  
 REVISED - ---

PLOT SCALE = 1"=20'  
 PLOT DATE = 01/11

CHECKED - DJD  
 DATE - 01/11

REVISED - ---  
 REVISED - ---

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

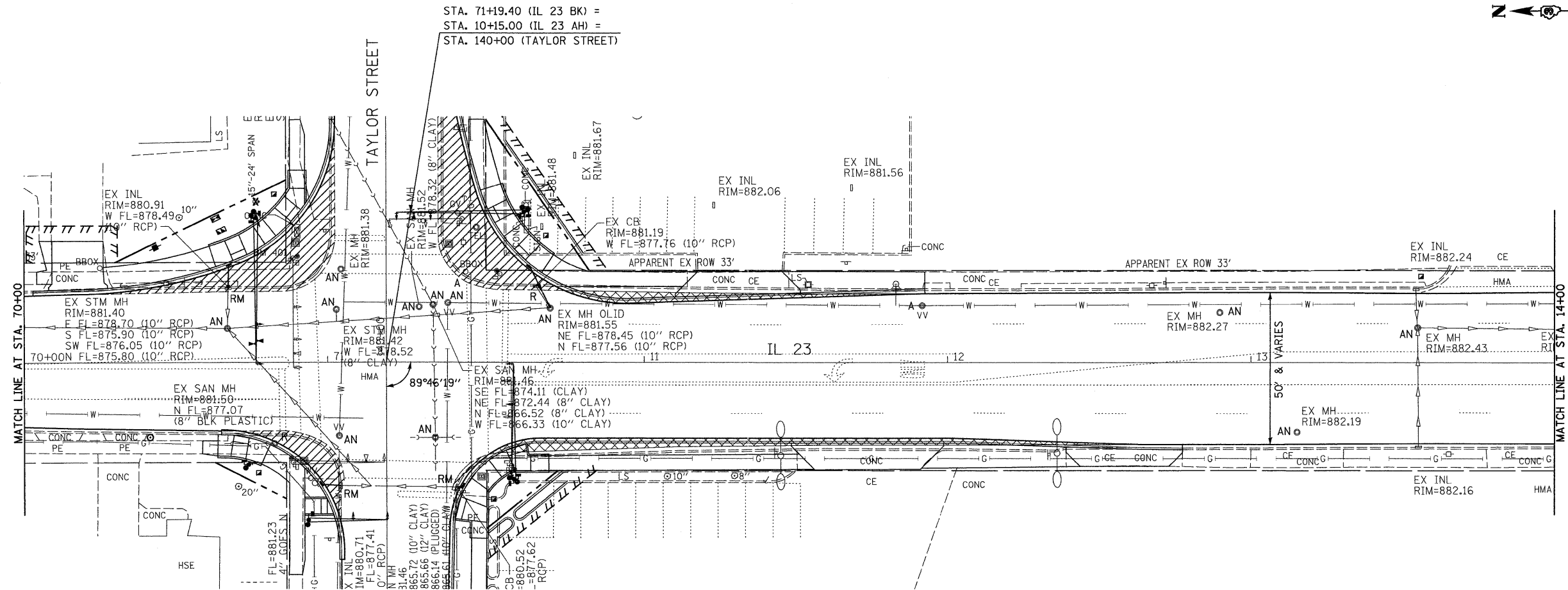
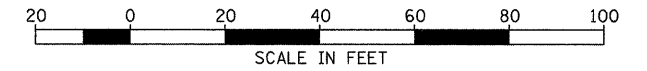
PLAN - IL 23

SCALE: 1"=20'

SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 64+00 TO STA. 70+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	24
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				

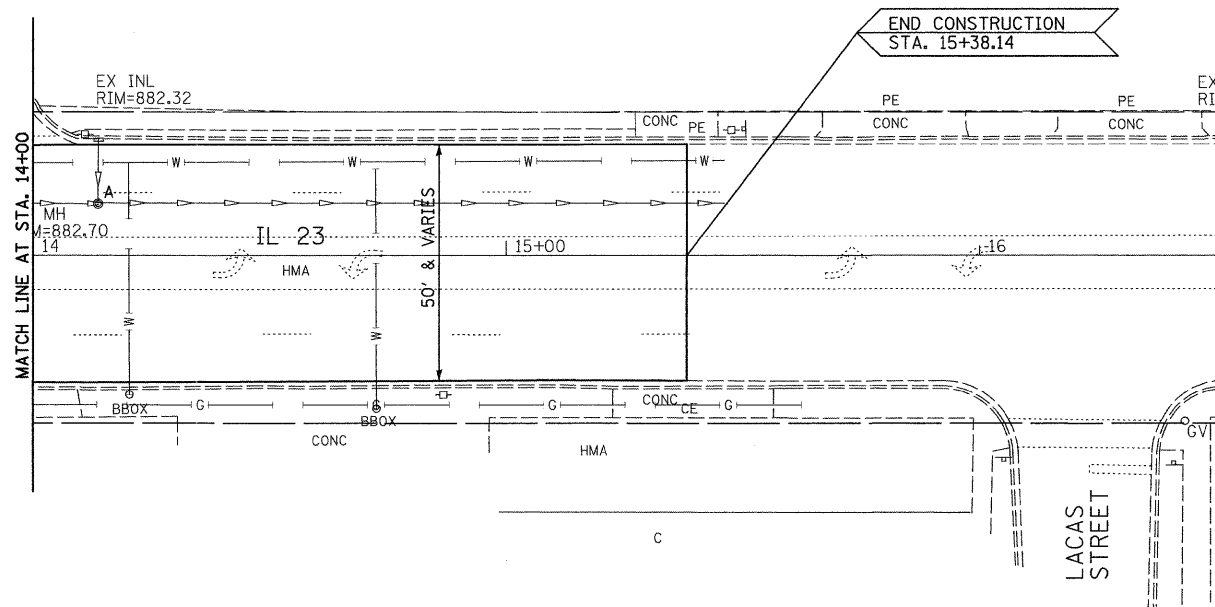
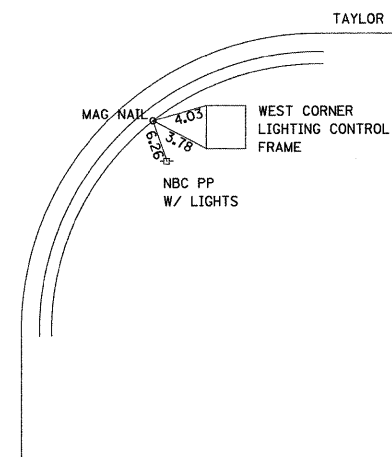
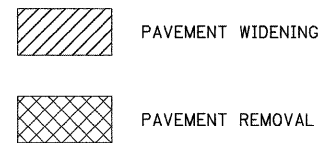




FIRE HYDRANT TO BE RELOCATED  
STA. 70+93.40, 43.5' RT.

BENCHMARK #401:  
CHIS "□" TOP NE EDGE MAST ARM  
FDN IN NE QUAD IL 23 & TAYLOR ST.  
EL.=882.08

- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW



FILE NAME =  
D366983-SHT-PLAN-70-16.DGN

USER NAME = ---

DESIGNED - DJD  
DRAWN - NV

REVISED - ---  
REVISED - ---

PLOT SCALE = 1"=20'  
PLOT DATE = 01/11

CHECKED - DJD  
DATE - 01/11

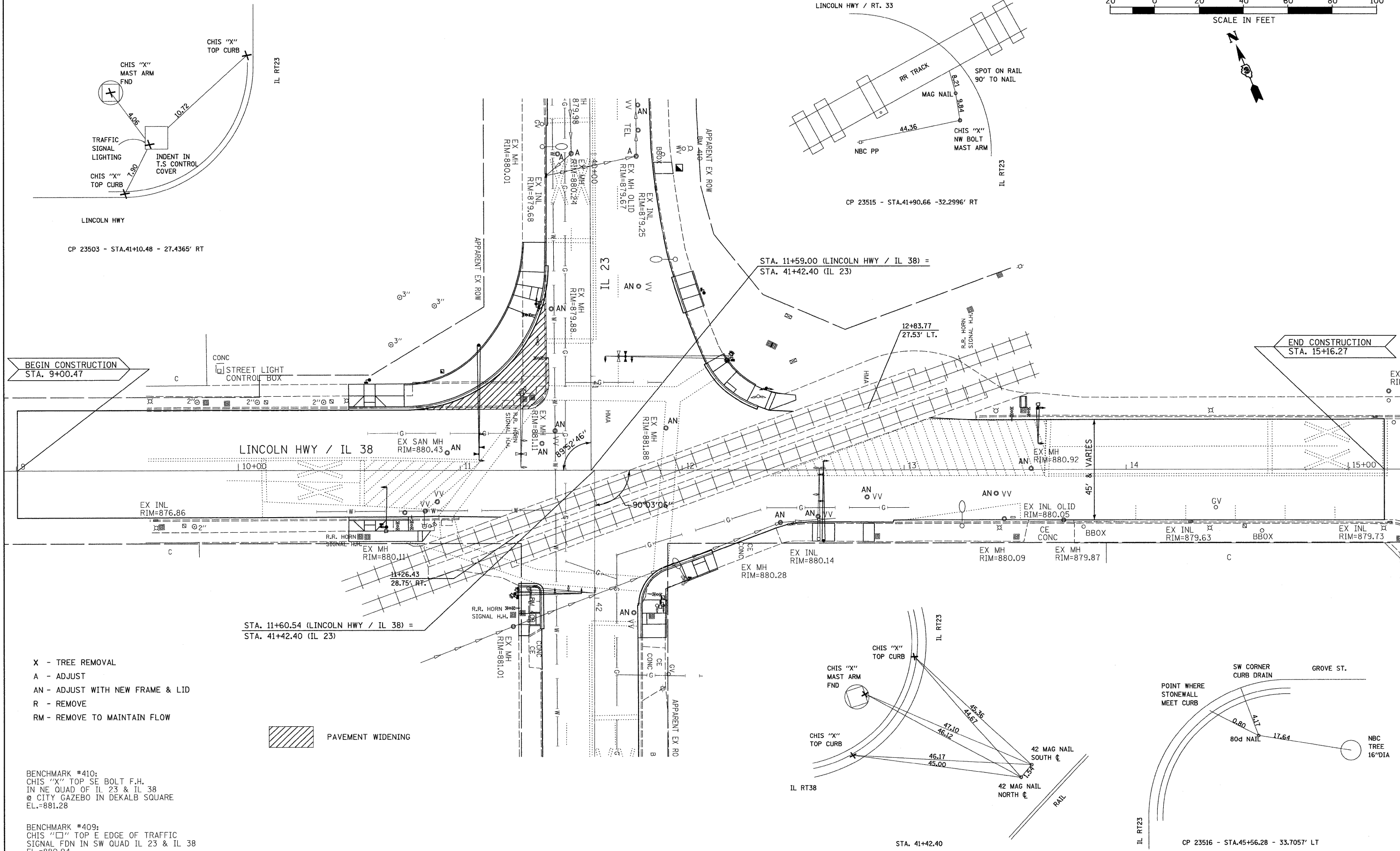
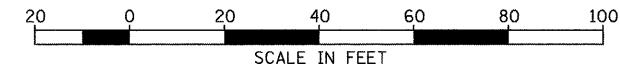
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN - IL 23

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 70+00 TO STA. 16+00

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 25
CONTRACT NO. 66983				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



BEGIN CONSTRUCTION  
STA. 9+00.47

END CONSTRUCTION  
STA. 15+16.27

- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW

PAVEMENT WIDENING

BENCHMARK #410:  
CHIS "X" TOP SE BOLT F.H.  
IN NE QUAD OF IL 23 & IL 38  
@ CITY GAZEBO IN DEKALB SQUARE  
EL.=881.28

BENCHMARK #409:  
CHIS "□" TOP E EDGE OF TRAFFIC  
SIGNAL FDN IN SW QUAD IL 23 & IL 38  
EL.=880.94

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN - LINCOLN HIGHWAY /IL 38**

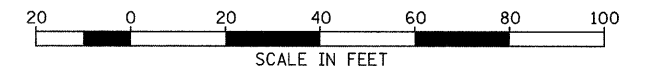
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USER NAME = ---

PLOT SCALE = 1"=20'  
PLOT DATE = 01/11

DESIGNED - DJD	REVISED - ---
DRAWN - NV	REVISED - ---
CHECKED - DJD	REVISED - ---
DATE - 01/11	REVISED - ---

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 40+00 TO STA. 46+00

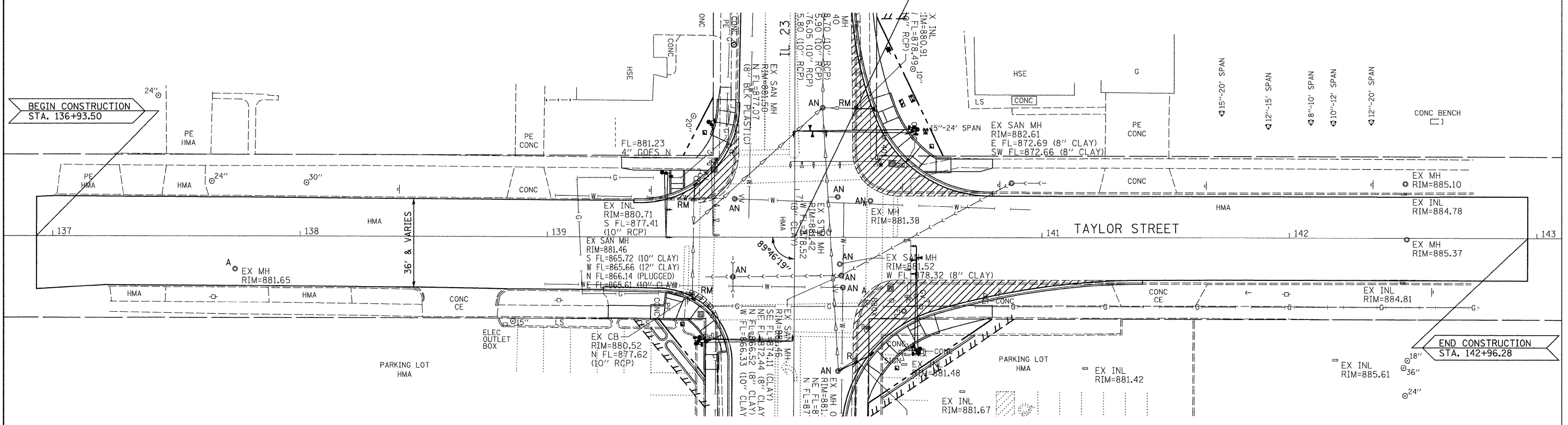
F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 26
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



STA. 140+00 (TAYLOR STREET) =  
 STA. 71+19.40 (IL 23 BK) =  
 STA. 10+15.00 (IL 23 AH)

BEGIN CONSTRUCTION  
 STA. 136+93.50

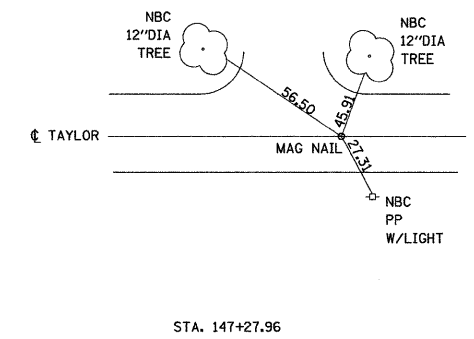
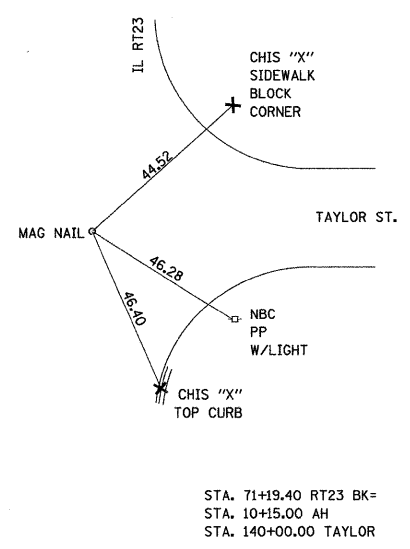
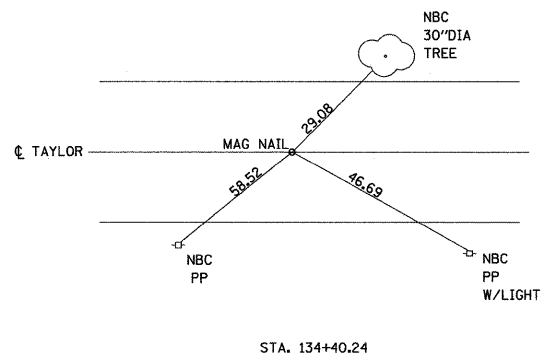
END CONSTRUCTION  
 STA. 142+96.28



PAVEMENT WIDENING

BENCHMARK #401:  
 CHIS "X" TOP NE EDGE MAST ARM  
 FDN IN NE QUAD IL 23 & TAYLOR ST.  
 EL.=882.08

- X - TREE REMOVAL
- A - ADJUST
- AN - ADJUST WITH NEW FRAME & LID
- R - REMOVE
- RM - REMOVE TO MAINTAIN FLOW



FILE NAME =  
 D366983-SHT-PLAN-TAYLOR.DGN

USER NAME = ---  
 DESIGNED - DJD  
 DRAWN - NV  
 CHECKED - DJD  
 DATE - 11/10

REVISED - ---  
 REVISED - ---  
 REVISED - ---  
 REVISED - ---

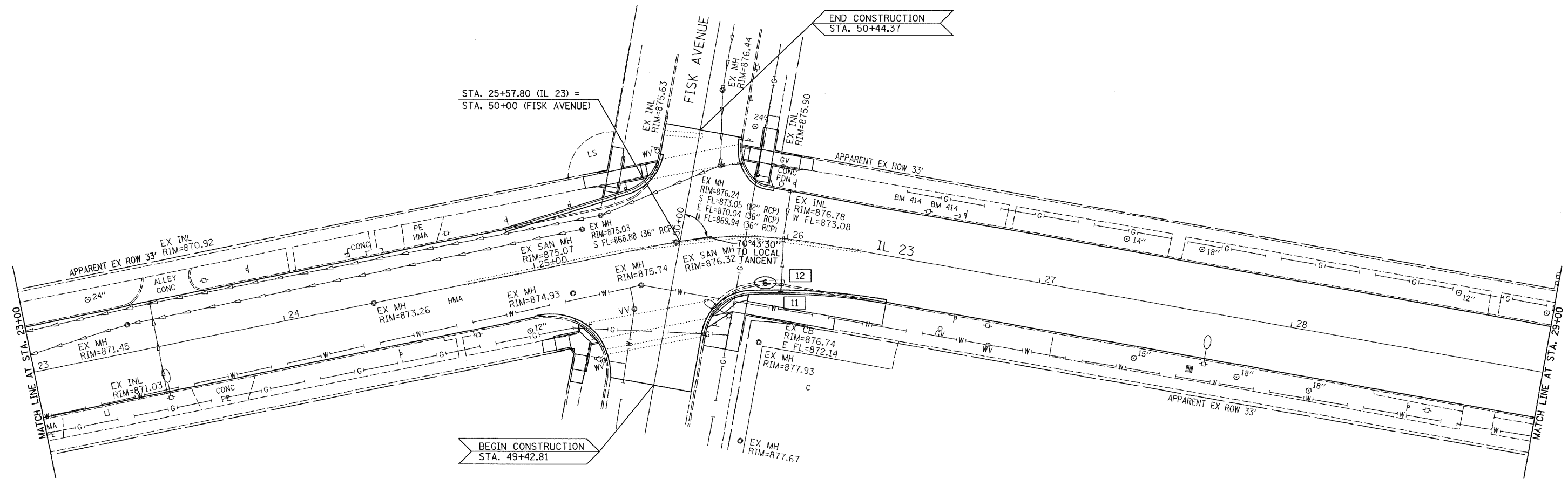
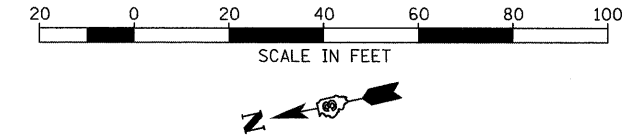
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN - TAYLOR STREET**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 137+00 TO STA. 143+00

F.A.P. RTE. 68	SECTION (28N, TS & I)	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 27
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				

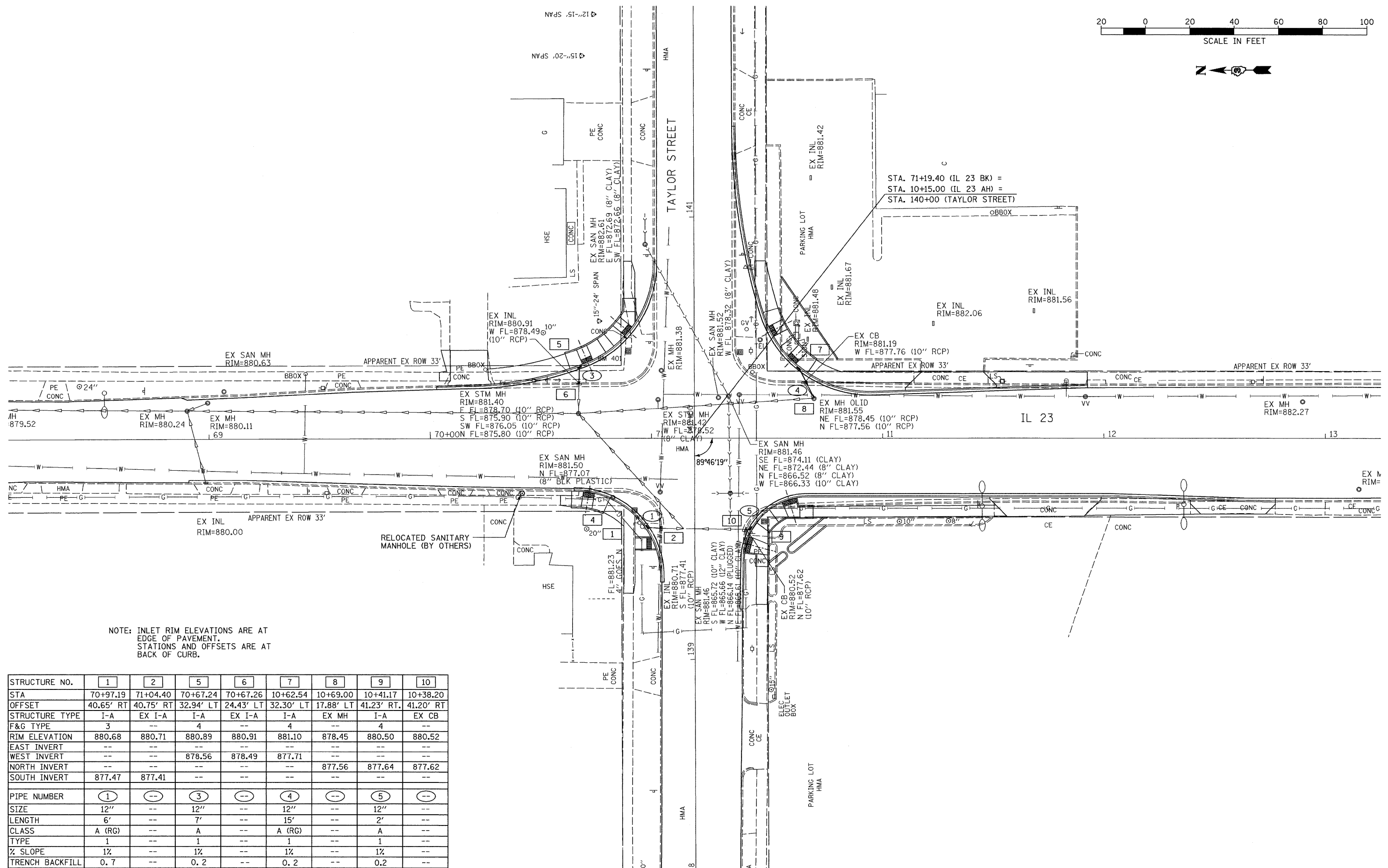
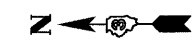
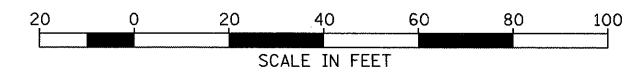
EXIST. CURVE 23N38-1  
 PI STA. = 25+81.10  
 $\Delta = 21^\circ 34' 32''$  (RT)  
 $D = 35^\circ 59' 31''$   
 $R = 159.19'$   
 $T = 30.33'$   
 $L = 59.95'$   
 $E = 2.86'$   
 P.C. STA. = 25+50.77  
 P.T. STA. = 26+10.71



NOTE: INLET RIM ELEVATIONS ARE AT  
 EDGE OF PAVEMENT.  
 STATIONS AND OFFSETS ARE AT  
 BACK OF CURB.

STRUCTURE NO.	11	12
STA	25+99.72	25+99.50
OFFSET	21.71' RT.	18.40' RT.
STRUCTURE TYPE	I-A	EX CB
F&G TYPE	3	--
RIM ELEVATION	876.83	876.74
EAST INVERT	872.18	876.14
WEST INVERT	--	--
NORTH INVERT	--	--
SOUTH INVERT	--	--
PIPE NUMBER	6	-
SIZE	12"	--
LENGTH	4'	--
CLASS	A	--
TYPE	1	--
% SLOPE	1%	--
TRENCH BACKFILL	1.2	--

BENCHMARK #414:  
 RR SPIKE IN GUY POLE  
 @ HSE 424  
 EL.=879.53



NOTE: INLET RIM ELEVATIONS ARE AT  
EDGE OF PAVEMENT.  
STATIONS AND OFFSETS ARE AT  
BACK OF CURB.

STRUCTURE NO.	1	2	5	6	7	8	9	10
STA	70+97.19	71+04.40	70+67.24	70+67.26	10+62.54	10+69.00	10+41.17	10+38.20
OFFSET	40.65' RT	40.75' RT	32.94' LT	24.43' LT	32.30' LT	17.88' LT	41.23' RT	41.20' RT
STRUCTURE TYPE	I-A	EX I-A	I-A	EX I-A	I-A	EX MH	I-A	EX CB
F&G TYPE	3	--	4	--	4	--	4	--
RIM ELEVATION	880.68	880.71	880.89	880.91	881.10	878.45	880.50	880.52
EAST INVERT	--	--	--	--	--	--	--	--
WEST INVERT	--	--	878.56	878.49	877.71	--	--	--
NORTH INVERT	--	--	--	--	--	877.56	877.64	877.62
SOUTH INVERT	877.47	877.41	--	--	--	--	--	--
PIPE NUMBER	1	--	3	--	4	--	5	--
SIZE	12"	--	12"	--	12"	--	12"	--
LENGTH	6'	--	7'	--	15'	--	2'	--
CLASS	A (RG)	--	A	--	A (RG)	--	A	--
TYPE	1	--	1	--	1	--	1	--
% SLOPE	1%	--	1%	--	1%	--	1%	--
TRENCH BACKFILL	0.7	--	0.2	--	0.2	--	0.2	--

RG = RUBBER GASKET

FILE NAME =  
0366783-SHT-DRAIN-68-13.DGN

USER NAME = ---  
PLOT SCALE = 1"=20'  
PLOT DATE = 01/11

DESIGNED - DJD  
DRAWN - NV  
CHECKED - DJD  
DATE - 01/11

REVISED - ---  
REVISED - ---  
REVISED - ---  
REVISED - ---

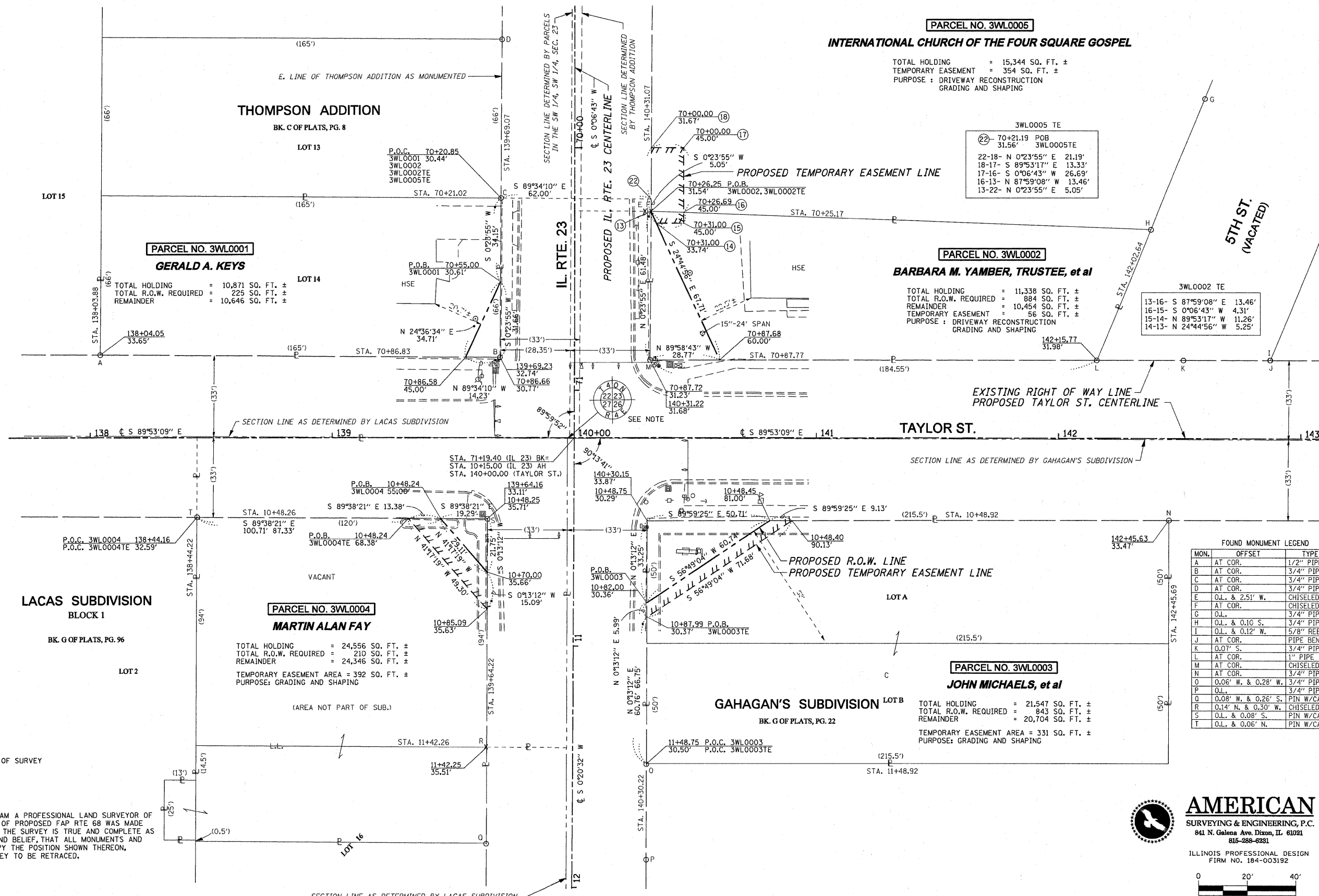
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	29
CONTRACT NO. 66983				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SEC. 22, 23, 26 & 27, T 40 N., R 4 E. OF THE 3RD P.M.



STATE OF ILLINOIS )  
COUNTY OF LEE ) S.S

I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED FAP RTE 68 WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED THIS 7TH DAY OF SEPTEMBER, 2010

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 35-2169 MY LICENSE EXPIRES 11/30/10

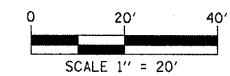
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		DRAWN - CH	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**RIGHT OF WAY PLANS**

PROJECT	JOB NO. R-93-018-10
SHEET NO. 1 OF 1 SHEETS	STA. 70+00 TO STA. 11+00

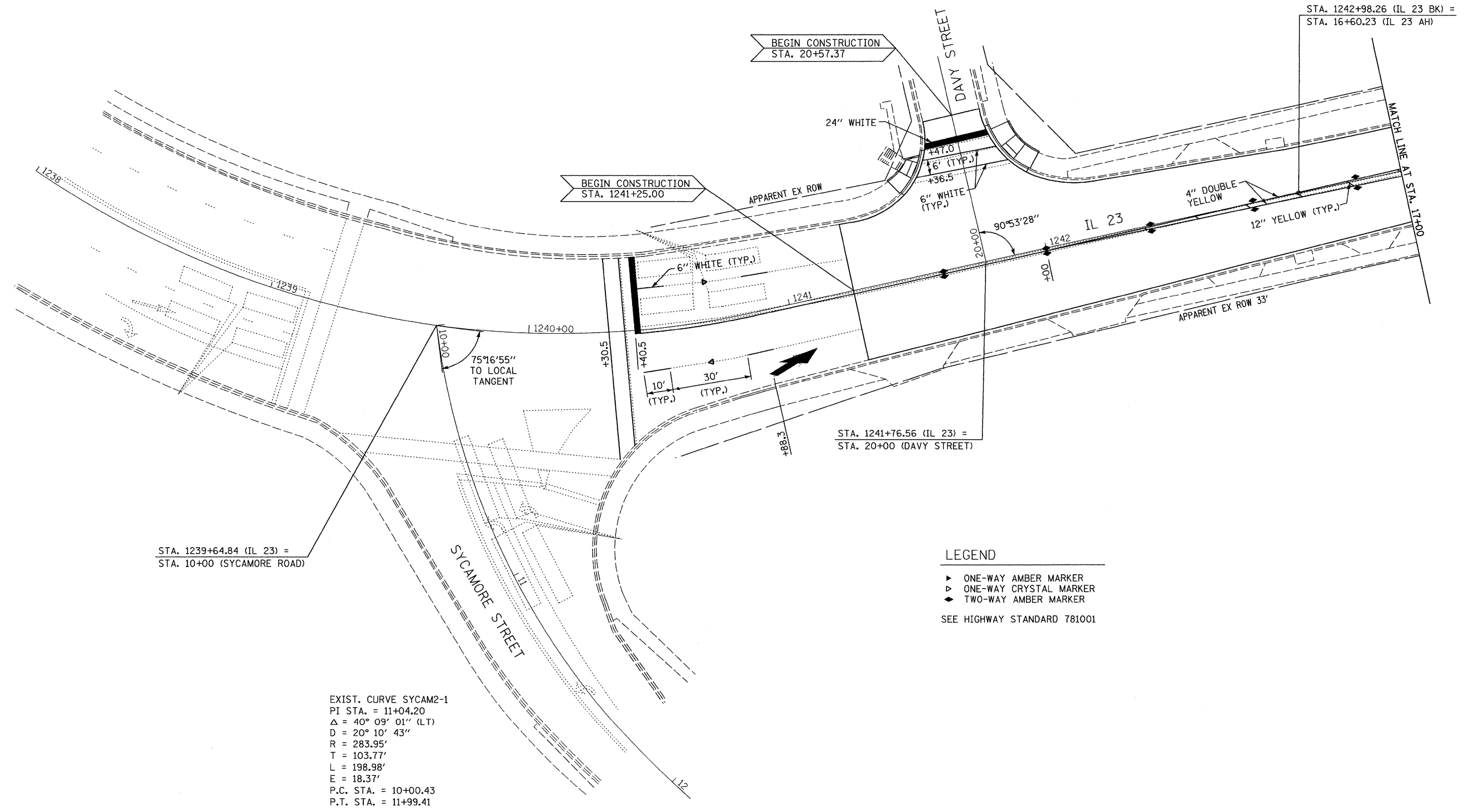
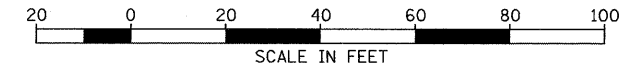
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
68	(28)N, TS & I	DE KALB	120 30
IL 23			CONTRACT NO. 66983
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



NOTE: SECTION CORNER AS DETERMINED FROM GAHAGAN'S SUBDIVISION & LACAS SUBDIVISION (NOT SET)

NOTE: BEARINGS SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD 83(97)), DISTANCES ARE GROUND

EXIST. CURVE RT23NRTH-1  
 PI STA. = 1239+31.98  
 $\Delta = 55^\circ 20' 56''$  (LT)  
 $D = 16^\circ 22' 09''$   
 $R = 350.02'$   
 $T = 183.57'$   
 $L = 338.13'$   
 $E = 45.21'$   
 P.C. STA. = 1237+48.41  
 P.T. STA. = 1240+86.54



STA. 1239+64.84 (IL 23) =  
 STA. 10+00 (SYCAMORE ROAD)

EXIST. CURVE SYCAM2-1  
 PI STA. = 11+04.20  
 $\Delta = 40^\circ 09' 01''$  (LT)  
 $D = 20^\circ 10' 43''$   
 $R = 283.95'$   
 $T = 103.77'$   
 $L = 198.98'$   
 $E = 18.37'$   
 P.C. STA. = 10+00.43  
 P.T. STA. = 11+99.41

**LEGEND**

- ▶ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

SEE HIGHWAY STANDARD 781001

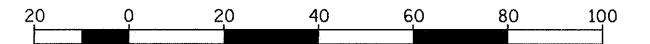
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		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

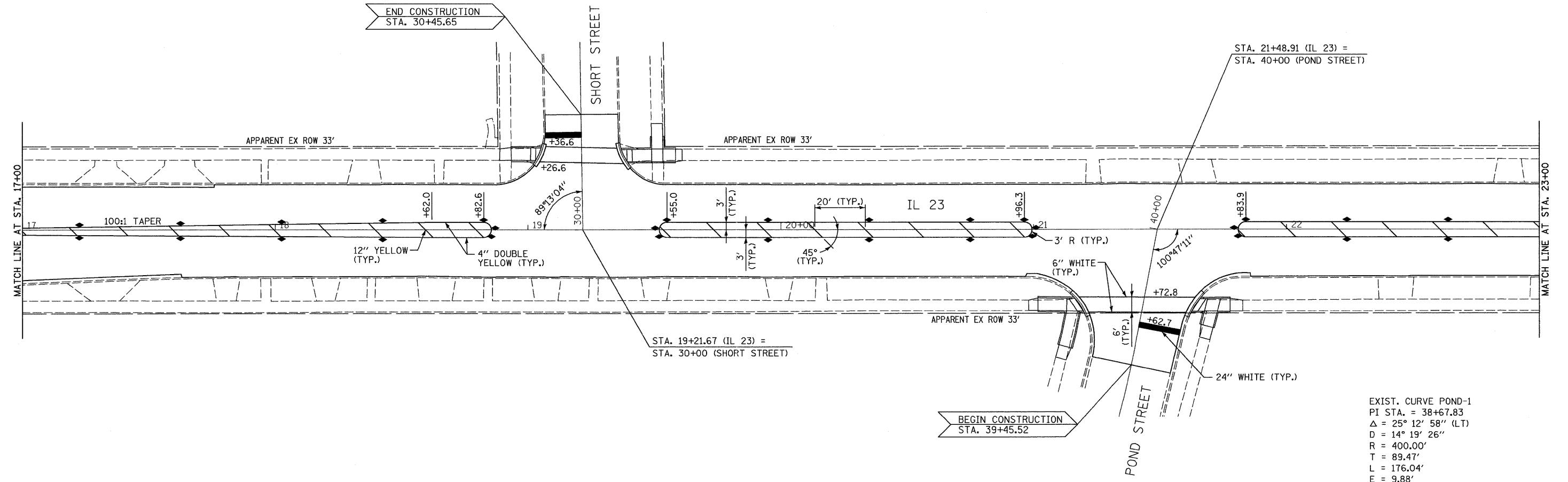
**PAVEMENT MARKING & SIGNING - IL 23**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 1238+00 TO STA. 17+00

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 31
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



SCALE IN FEET



STA. 19+21.67 (IL 23) =  
STA. 30+00 (SHORT STREET)

STA. 21+48.91 (IL 23) =  
STA. 40+00 (POND STREET)

BEGIN CONSTRUCTION  
STA. 39+45.52

EXIST. CURVE POND-1  
PI STA. = 38+67.83  
Δ = 25° 12' 58" (LT)  
D = 14° 19' 26"  
R = 400.00'  
T = 89.47'  
L = 176.04'  
E = 9.88'  
P.C. STA. = 37+78.36  
P.T. STA. = 39+54.40

**LEGEND**

- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

SEE HIGHWAY STANDARD 781001

FILE NAME = D366793-SHT-PMK-17-23.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---
		DRAWN - NV	REVISED - ---
		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

DESIGNED - DJD	REVISED - ---
DRAWN - NV	REVISED - ---
CHECKED - DJD	REVISED - ---
DATE - 01/11	REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

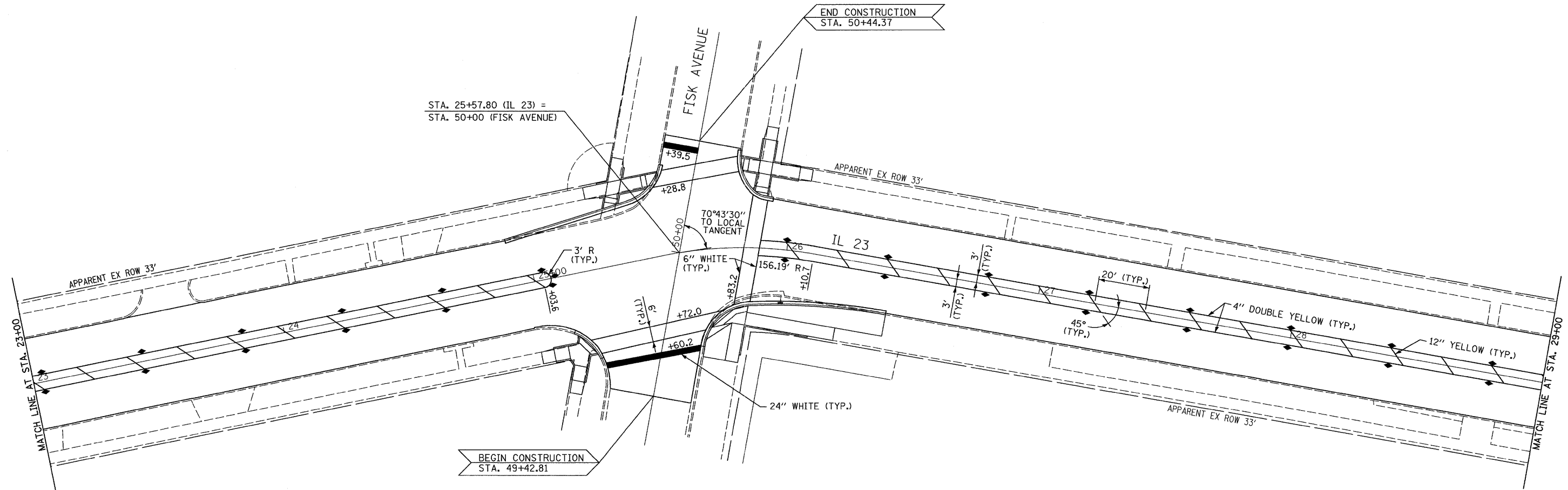
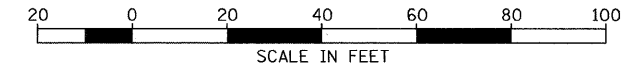
**PAVEMENT MARKING & SIGNING - IL 23**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 17+00 TO STA. 23+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(2)B, TS & I	DEKALB	120	32
CONTRACT NO. 66983			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT	



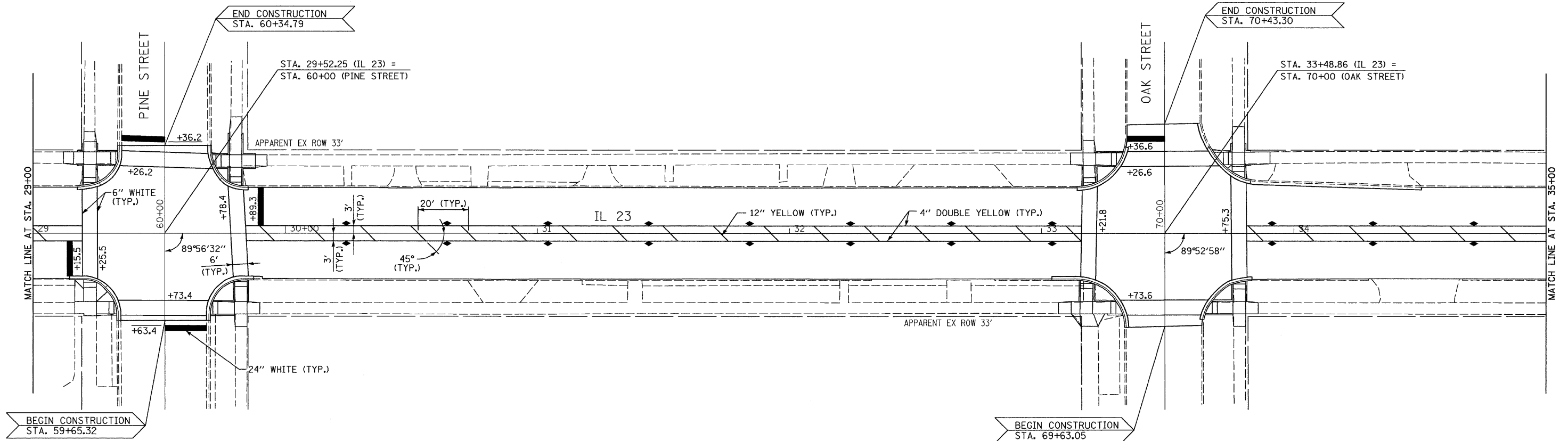
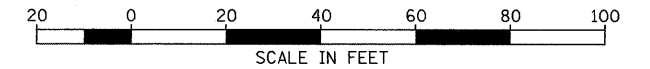
EXIST. CURVE 23N38-1  
 PI STA. = 25+81.10  
 $\Delta = 21^\circ 34' 32''$  (RT)  
 $D = 35^\circ 59' 31''$   
 $R = 159.19'$   
 $T = 30.33'$   
 $L = 59.95'$   
 $E = 2.86'$   
 P.C. STA. = 25+50.77  
 P.T. STA. = 26+10.71



**LEGEND**

- ▶ ONE-WAY AMBER MARKER
  - ▷ ONE-WAY CRYSTAL MARKER
  - ◆ TWO-WAY AMBER MARKER
- SEE HIGHWAY STANDARD 781001

FILE NAME = 0366983-SHT-PMK-23-29.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING &amp; SIGNING - IL 23</b>	F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 33
PLOT SCALE = 1"=20'		CHECKED - DJD	REVISED - ---	SCALE: 1"=20'    SHEET NO. ___ OF ___ SHEETS    STA. 23+00 TO STA. 29+00		CONTRACT NO. 66983				
PLOT DATE = 01/11		DATE - 01/11	REVISED - ---	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT						



**LEGEND**

- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

SEE HIGHWAY STANDARD 781001

FILE NAME =  
0366983-SHT-PMK-29-35.DGN

USER NAME = ---

DESIGNED - DJD

REVISED - ---

PLOT SCALE = 1"=20'

DRAWN - NV

REVISED - ---

PLOT DATE = 01/11

CHECKED - DJD

REVISED - ---

DATE - 01/11

REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING - IL 23**

SCALE: 1"=20'

SHEET NO. \_\_\_ OF \_\_\_ SHEETS

STA. 29+00 TO STA. 35+00

F.A.P.  
RTE.  
68

SECTION  
(28)N, TS & I

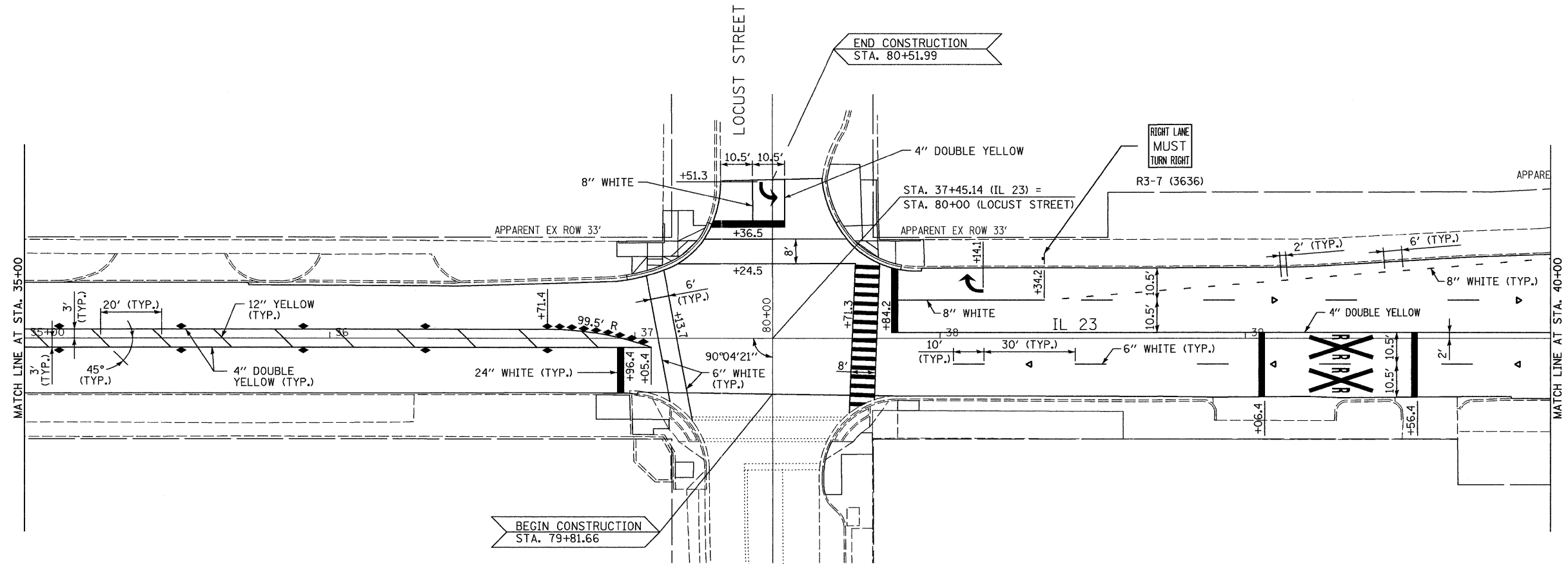
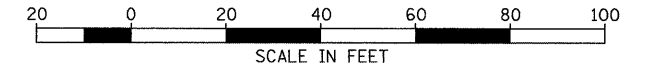
COUNTY  
DEKALB

TOTAL SHEETS  
120

SHEET NO.  
34

CONTRACT NO. 66983

FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT



**LEGEND**

- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

SEE HIGHWAY STANDARD 781001

FILE NAME =  
0366983-SHT-PMK-35-40.DGN

USER NAME = ---

DESIGNED - DJD  
DRAWN - NV

REVISED - ---  
REVISED - ---

PLOT SCALE = 1"=20'  
PLOT DATE = 01/11

CHECKED - DJD  
DATE - 01/11

REVISED - ---  
REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING - IL 23**

SCALE: 1"=20'

SHEET NO. \_\_\_ OF \_\_\_ SHEETS

STA. 35+00 TO STA. 40+00

F.A.P.  
RTE.  
68

SECTION  
(28)N, TS & I

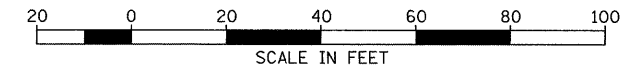
COUNTY  
DEKALB

TOTAL SHEETS  
120

SHEET NO.  
35

CONTRACT NO. 66983

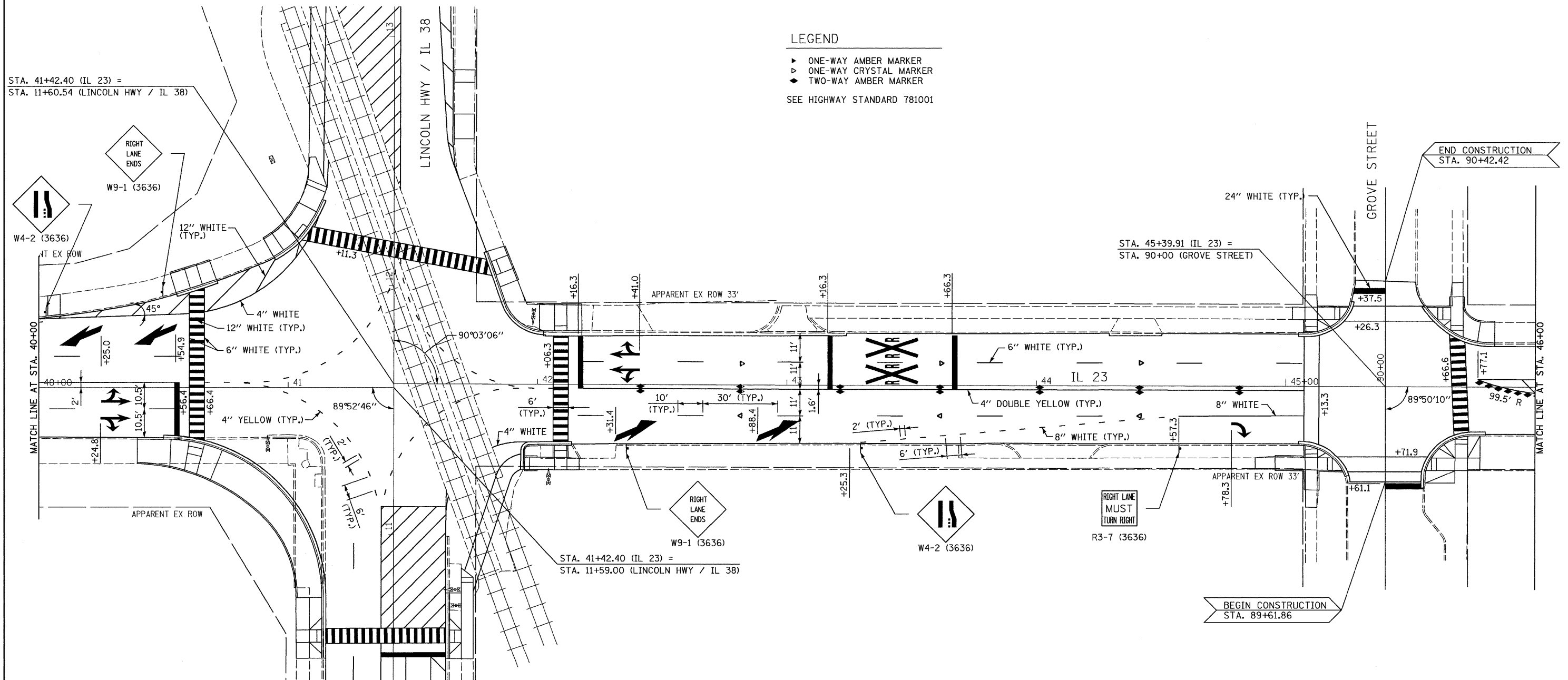
FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT



**LEGEND**

- ▶ ONE-WAY AMBER MARKER
  - ▽ ONE-WAY CRYSTAL MARKER
  - ◆ TWO-WAY AMBER MARKER
- SEE HIGHWAY STANDARD 781001

STA. 41+42.40 (IL 23) =  
STA. 11+60.54 (LINCOLN HWY / IL 38)



FILE NAME =  
D366983-SHT-PMK-48-46.DGN

USER NAME = ---  
PLOT SCALE = 1"=20'  
PLOT DATE = 01/11

DESIGNED - DJD  
DRAWN - NV  
CHECKED - DJD  
DATE - 01/11

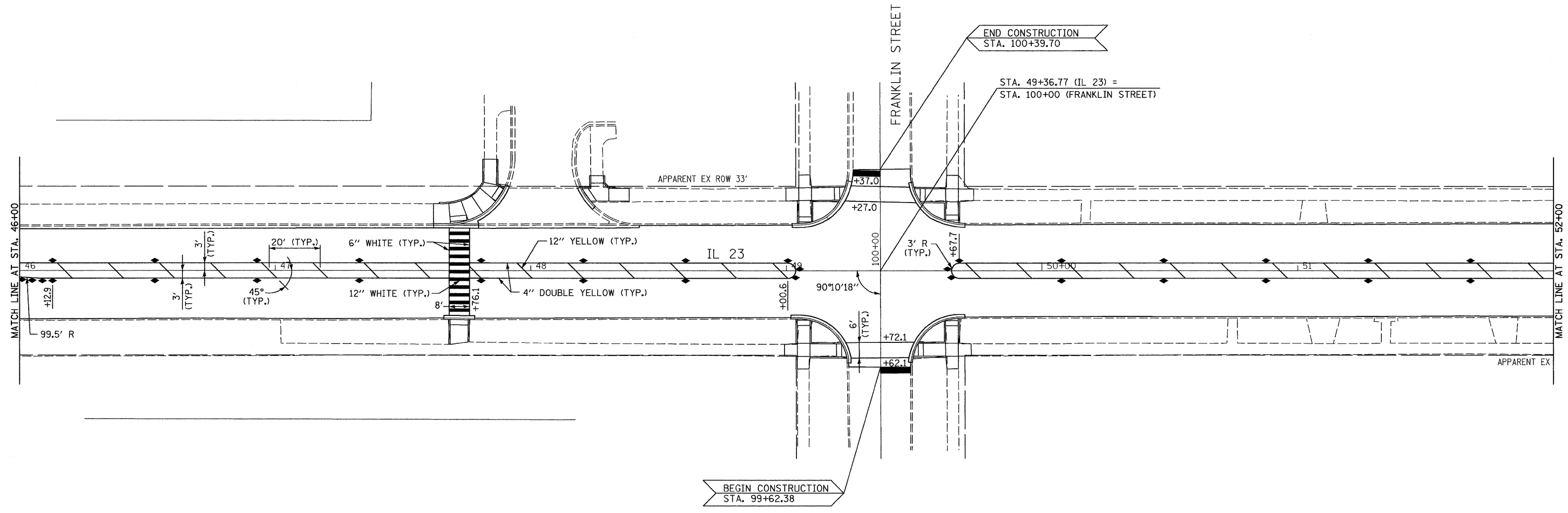
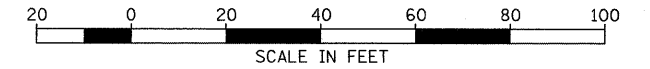
REVISED - ---  
REVISED - ---  
REVISED - ---  
REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING - IL 23**

SCALE: 1"=20'    SHEET NO. \_\_\_ OF \_\_\_ SHEETS    STA. 40+00 TO STA. 46+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	36
CONTRACT NO. 66983				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



- LEGEND**
- ▶ ONE-WAY AMBER MARKER
  - ▷ ONE-WAY CRYSTAL MARKER
  - ◄ TWO-WAY AMBER MARKER
- SEE HIGHWAY STANDARD 781001

FILE NAME = 0366983-SHT-PMK-46-52.DGN  
 USER NAME = ---  
 PLOT SCALE = 1"=20'  
 PLOT DATE = 01/11

DESIGNED - DJD  
 DRAWN - NV  
 CHECKED - DJD  
 DATE - 01/11

REVISED - ---  
 REVISED - ---  
 REVISED - ---  
 REVISED - ---

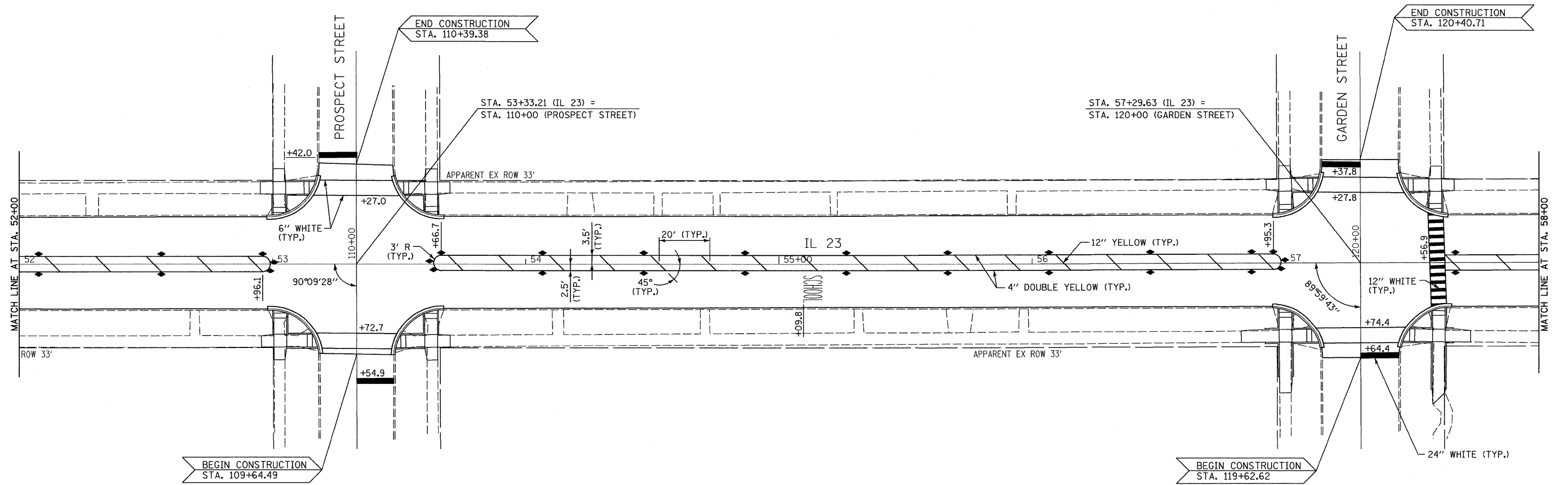
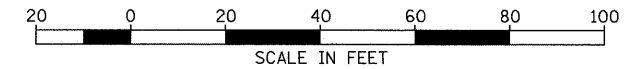
REVISED - ---  
 REVISED - ---  
 REVISED - ---  
 REVISED - ---

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING - IL 23**

SCALE: 1"=20'    SHEET NO. \_\_\_ OF \_\_\_ SHEETS    STA. 46+00 TO STA. 52+00

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 37
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



LEGEND

- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

SEE HIGHWAY STANDARD 781001

FILE NAME =  
D366983-SHT-PMK-52-58.DGN

USER NAME = ---

DESIGNED - DJD

REVISED - ---

PLOT SCALE = 1"=20'

DRAWN - NV

REVISED - ---

PLOT DATE = 01/11

CHECKED - DJD

REVISED - ---

DATE - 01/11

REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING - IL 23

SCALE: 1"=20'

SHEET NO. \_\_\_ OF \_\_\_ SHEETS

STA. 52+00 TO STA. 58+00

F.A.P.  
RTE.  
68

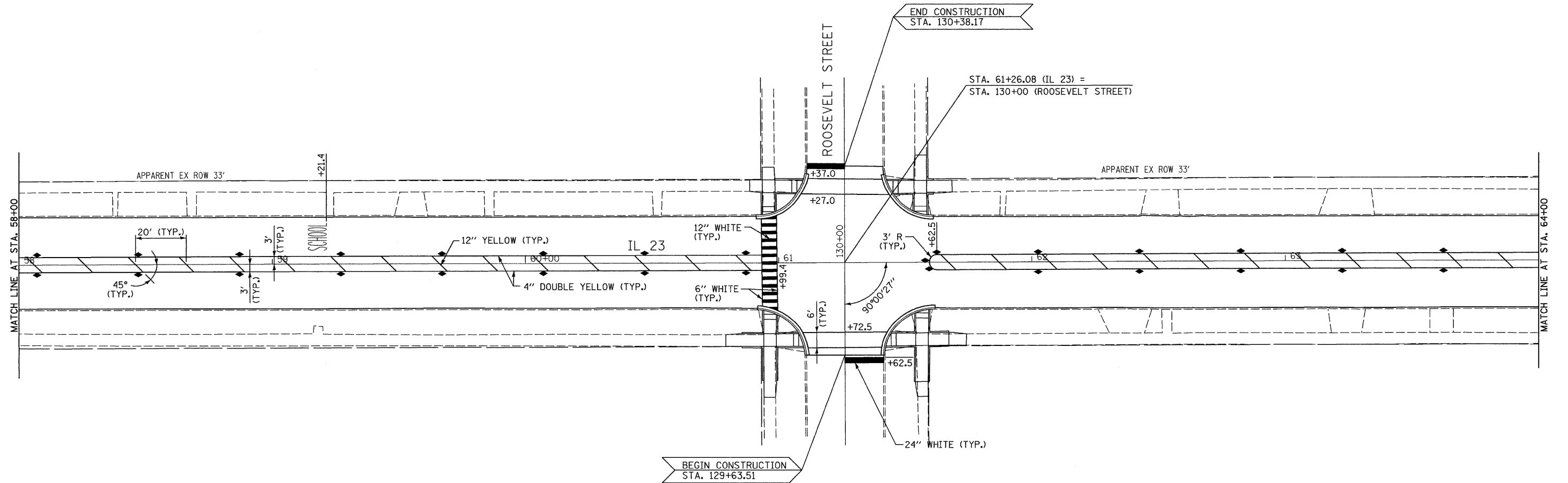
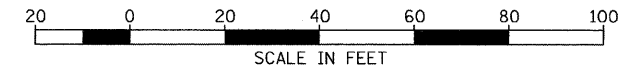
SECTION  
(28)N, TS & I

COUNTY  
DEKALB

TOTAL SHEETS  
120

SHEET NO.  
38

CONTRACT NO. 66983  
FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT



**LEGEND**

- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

SEE HIGHWAY STANDARD 781001

FILE NAME = 0366983-SHT-PLAN-58-64.DGN
-------------------------------------------

USER NAME = ---
PLOT SCALE = 1"=20'
PLOT DATE = 01/11

DESIGNED - DJD
DRAWN - NV
CHECKED - DJD
DATE - 01/11

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

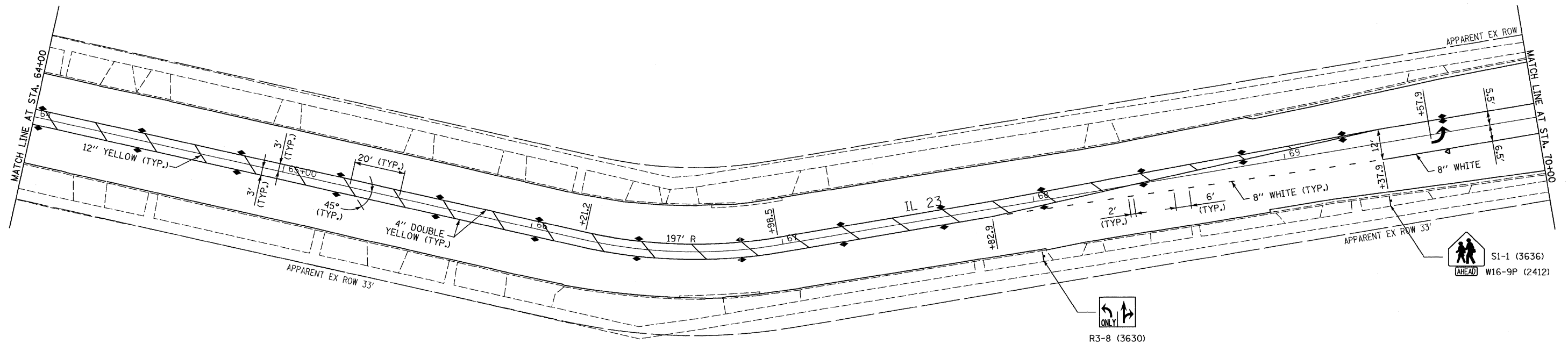
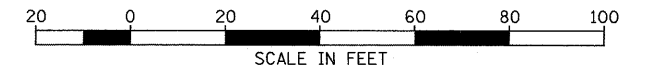
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING - IL 23**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 58+00 TO STA. 64+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	39
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 66983	

EXIST. CURVE 23S38-1  
 PI STA. = 66+60.37  
 $\Delta = 22^\circ 08' 35''$  (LT)  
 D = 28° 38' 52"  
 R = 200.00'  
 T = 39.14'  
 L = 77.29'  
 E = 3.79'  
 P.C. STA. = 66+21.23  
 P.T. STA. = 66+98.53



LEGEND

- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

SEE HIGHWAY STANDARD 781001

FILE NAME =  
 D366783-SHT-FMK-64-70.DGN

USER NAME = ---

DESIGNED - DJD

REVISED - ---

DRAWN - NV

REVISED - ---

PLOT SCALE = 1"=20'

CHECKED - DJD

REVISED - ---

PLOT DATE = 01/11

DATE - 01/11

REVISED - ---

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING - IL 23

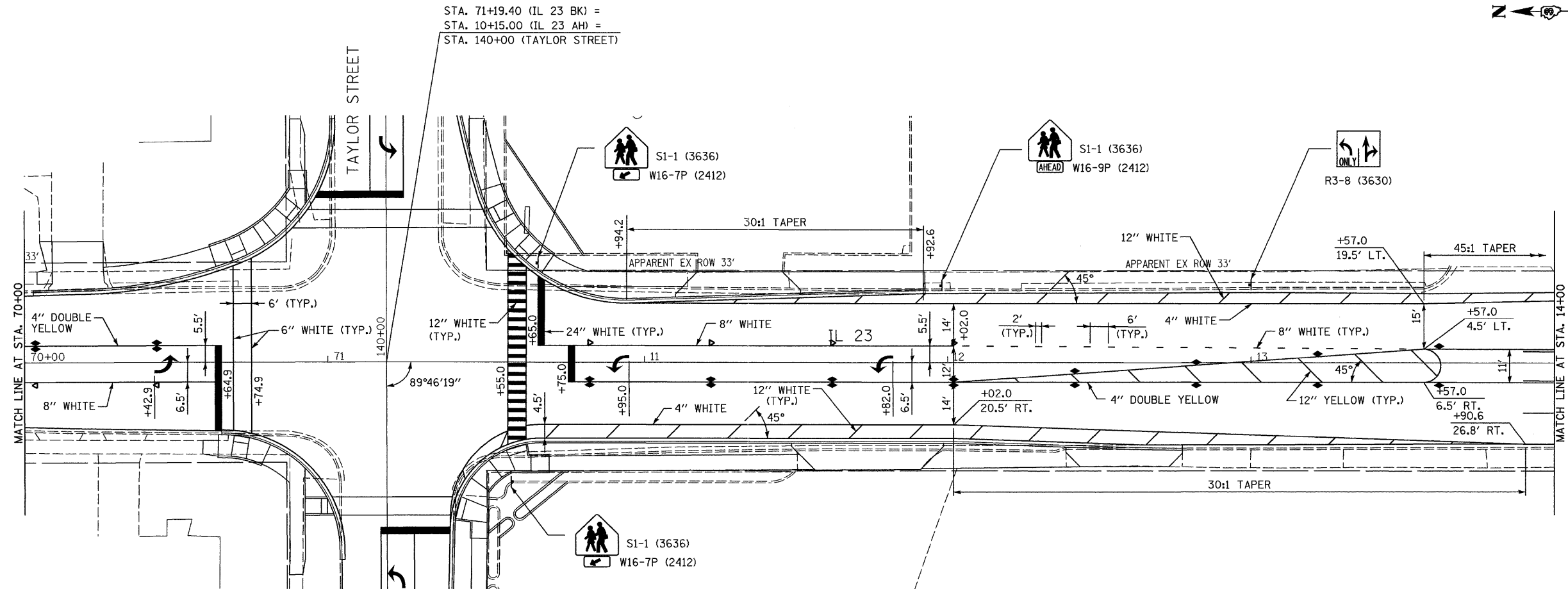
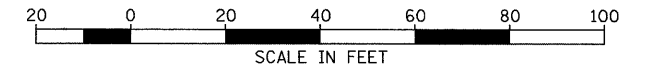
SCALE: 1"=20'

SHEET NO. \_\_\_ OF \_\_\_ SHEETS

STA. 64+00 TO STA. 70+00

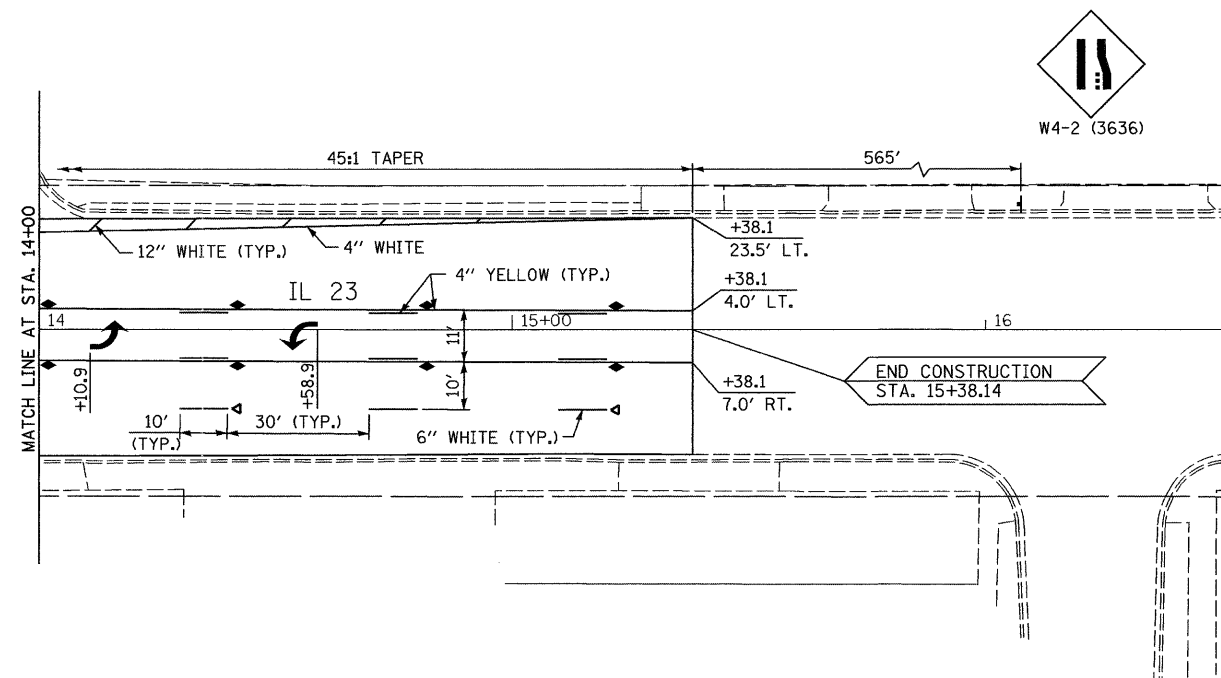
F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 40
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				





**LEGEND**

- ▶ ONE-WAY AMBER MARKER
  - ◀ ONE-WAY CRYSTAL MARKER
  - ◆ TWO-WAY AMBER MARKER
- SEE HIGHWAY STANDARD 781001



FILE NAME =  
D366983-SHT-PMK-70-16.DGN

USER NAME = ---  
PLOT SCALE = 1"=20'  
PLOT DATE = 01/11

DESIGNED - DJD  
DRAWN - NV  
CHECKED - DJD  
DATE - 01/11

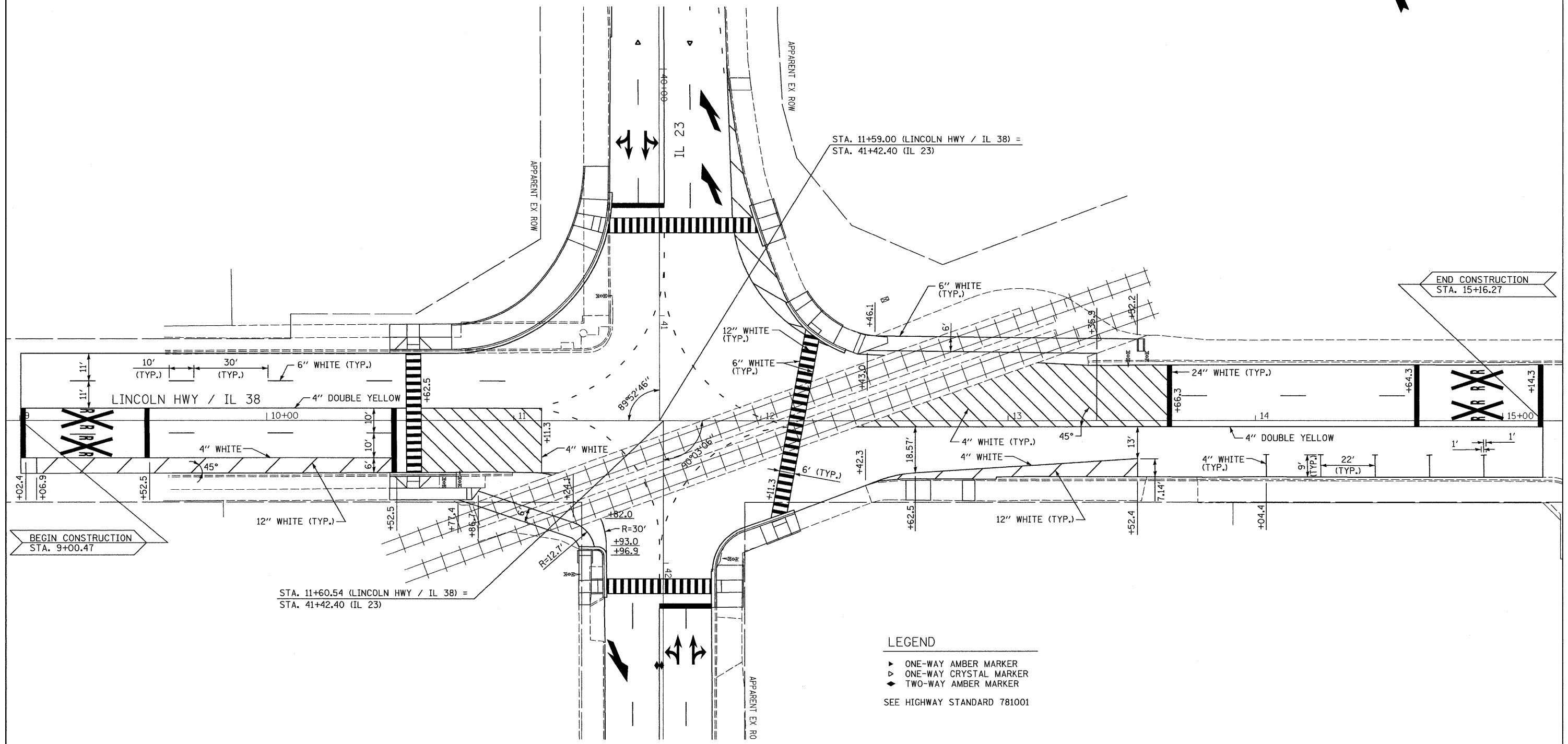
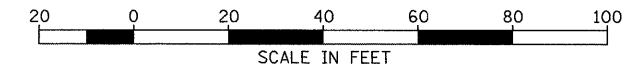
REVISED - ---  
REVISED - ---  
REVISED - ---  
REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING - IL 23**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 70+00 TO STA. 16+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	41
CONTRACT NO. 66983				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



- LEGEND**
- ▶ ONE-WAY AMBER MARKER
  - ▷ ONE-WAY CRYSTAL MARKER
  - ◆ TWO-WAY AMBER MARKER
- SEE HIGHWAY STANDARD 781001

FILE NAME = 0366983-SHT-PMK-LINCOLN.DGN  
 USER NAME = ---  
 PLOT SCALE = 1"=20'  
 PLOT DATE = 01/11

DESIGNED - DJD  
 DRAWN - NV  
 CHECKED - DJD  
 DATE - 01/11

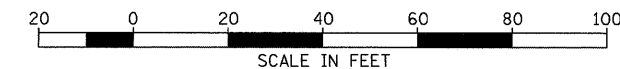
REVISED - ---  
 REVISED - ---  
 REVISED - ---  
 REVISED - ---

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

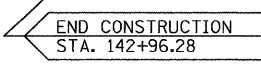
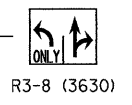
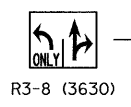
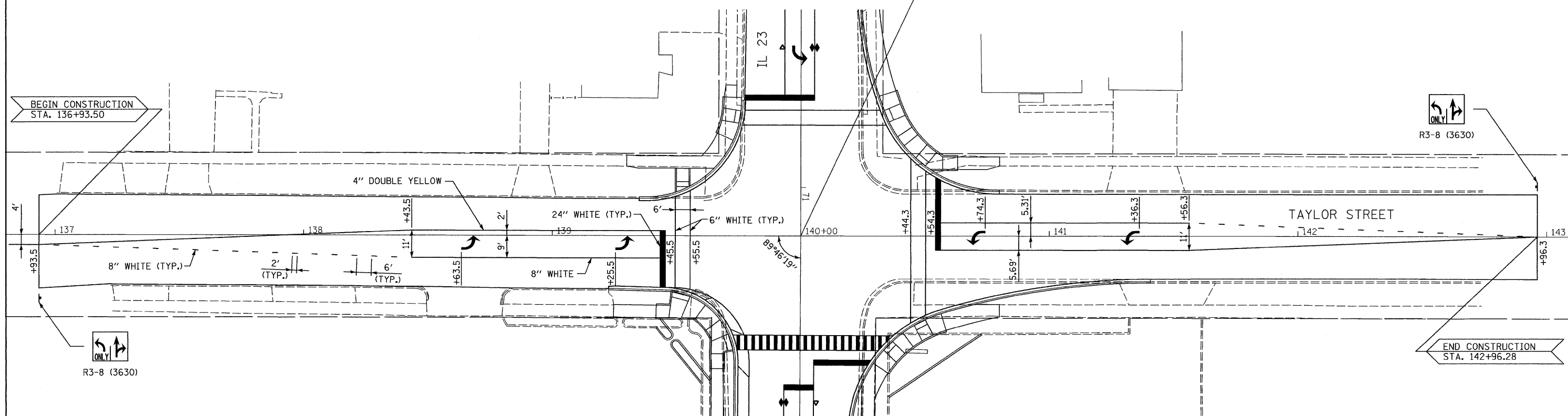
**PAVEMENT MARKING & SIGNING - LINCOLN HIGHWAY /IL 38**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 40+00 TO STA. 46+00

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 42
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



STA. 140+00 (TAYLOR STREET) =  
 STA. 71+19.40 (IL 23 BK) =  
 STA. 10+15.00 (IL 23 AH)

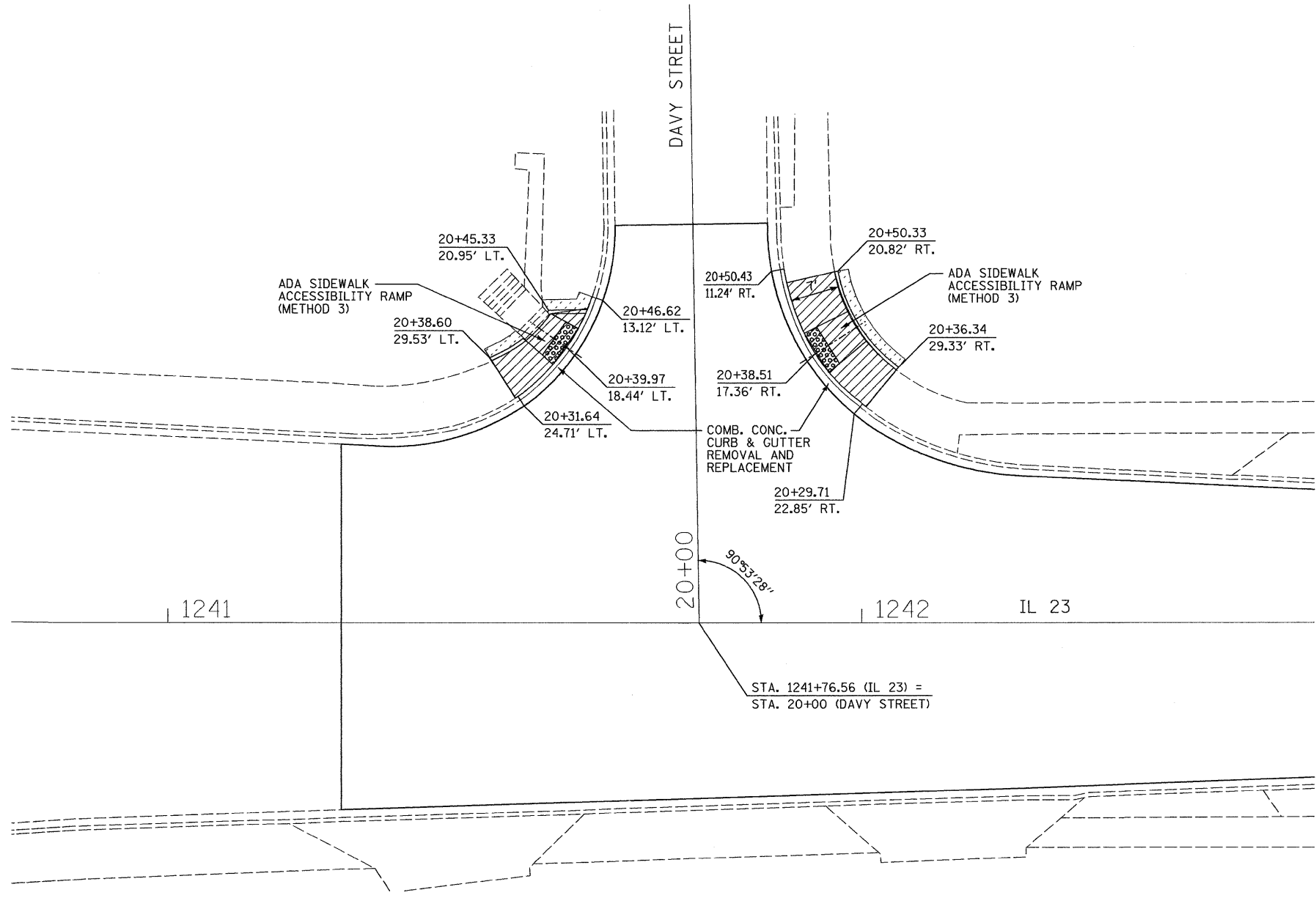
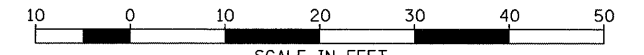


**LEGEND**

- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

SEE HIGHWAY STANDARD 781001

FILE NAME = 0366983-SHT-PMK-TAYLOR.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING &amp; SIGNING - TAYLOR STREET</b>	F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 43
	PLOT SCALE = 1"=20'	CHECKED - DJD	REVISED - ---			CONTRACT NO. 66983				
	PLOT DATE = 01/11	DATE - 01/11	REVISED - ---			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
					SCALE: 1"=20'	SHEET NO. ___ OF ___ SHEETS		STA. 137+00 TO STA. 143+00		



- DETECTABLE WARNING
- SIDEWALK REMOVAL
- SODDING

SEE SHEET 92-98  
FOR ADA SIDEWALK  
ACCESSIBILITY RAMP  
DETAILS.

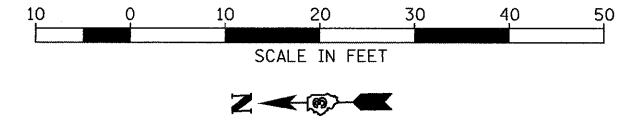
FILE NAME = 0366983-SHT-INTERSEC.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---
		DRAWN - NV	REVISED - ---
		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---




PLOT SCALE = 1"=20'	
PLOT DATE = 01/11	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

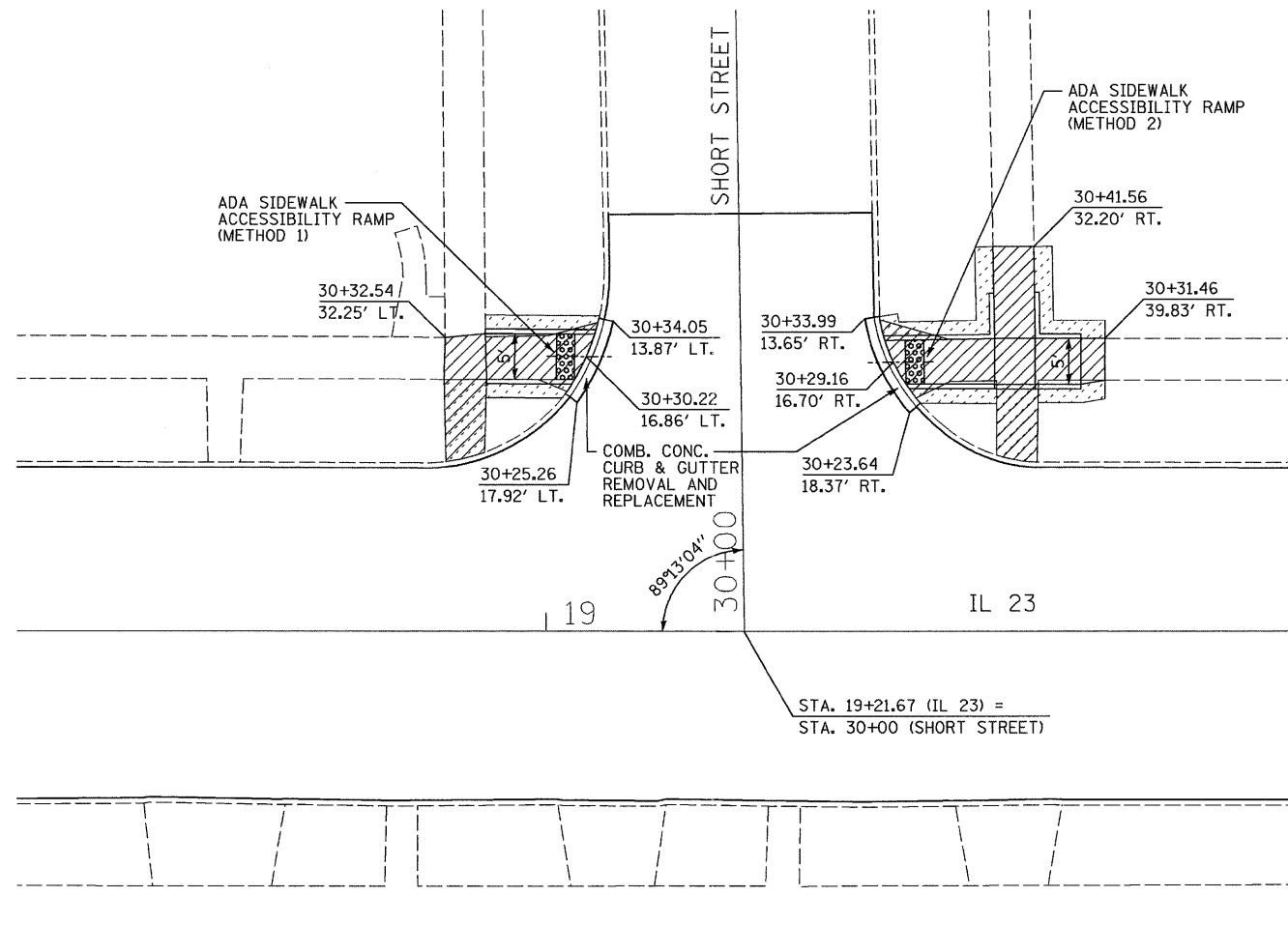
<b>INTERSECTION DETAIL DAVY STREET</b>	
SCALE: 1"=20'	SHEET NO. ___ OF ___ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 44
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



-  DETECTABLE WARNING
-  SIDEWALK REMOVAL
-  SODDING

SEE SHEET 92-98  
FOR ADA SIDEWALK  
ACCESSIBILITY RAMP  
DETAILS.



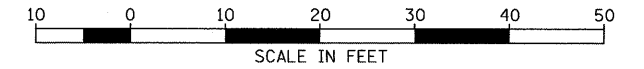
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		DRAWN - NV	REVISED - ---
	PLOT SCALE = 1"=20'	CHECKED - DJD	REVISED - ---
	PLOT DATE = 01/11	DATE - 01/11	REVISED - ---




**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL  
SHORT STREET**

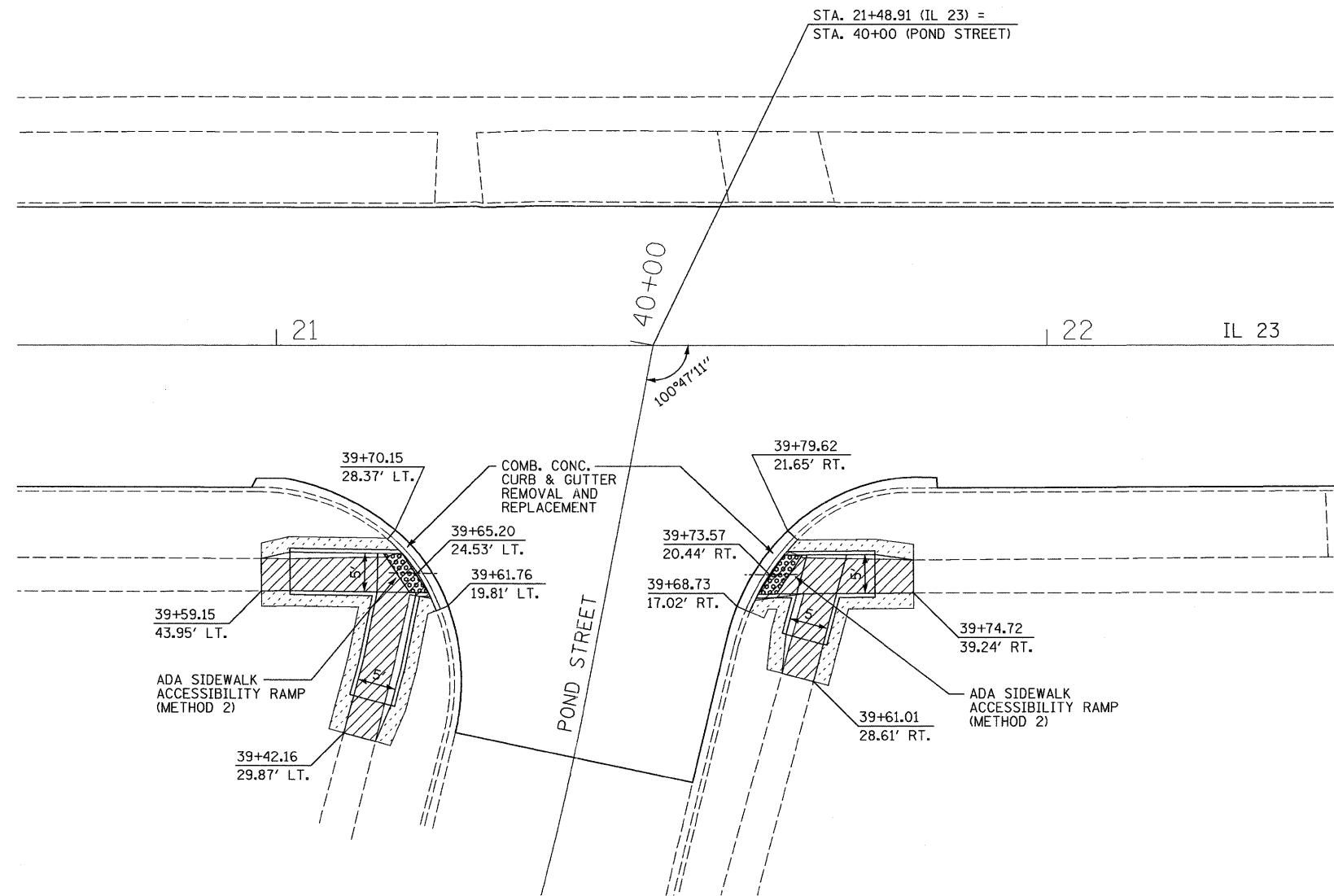
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	45
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



-  DETECTABLE WARNING
-  SIDEWALK REMOVAL
-  SODDING

SEE SHEET 92-98  
FOR ADA SIDEWALK  
ACCESSIBILITY RAMP  
DETAILS.



FILE NAME =  
0366983-SHT-INTERSEC.DGN

USER NAME = ---

DESIGNED - DJD

REVISED - ---

DRAWN - NV

REVISED - ---

PLOT SCALE = 1"=20'

CHECKED - DJD

REVISED - ---

PLOT DATE = 01/11

DATE - 01/11

REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL  
POND STREET**

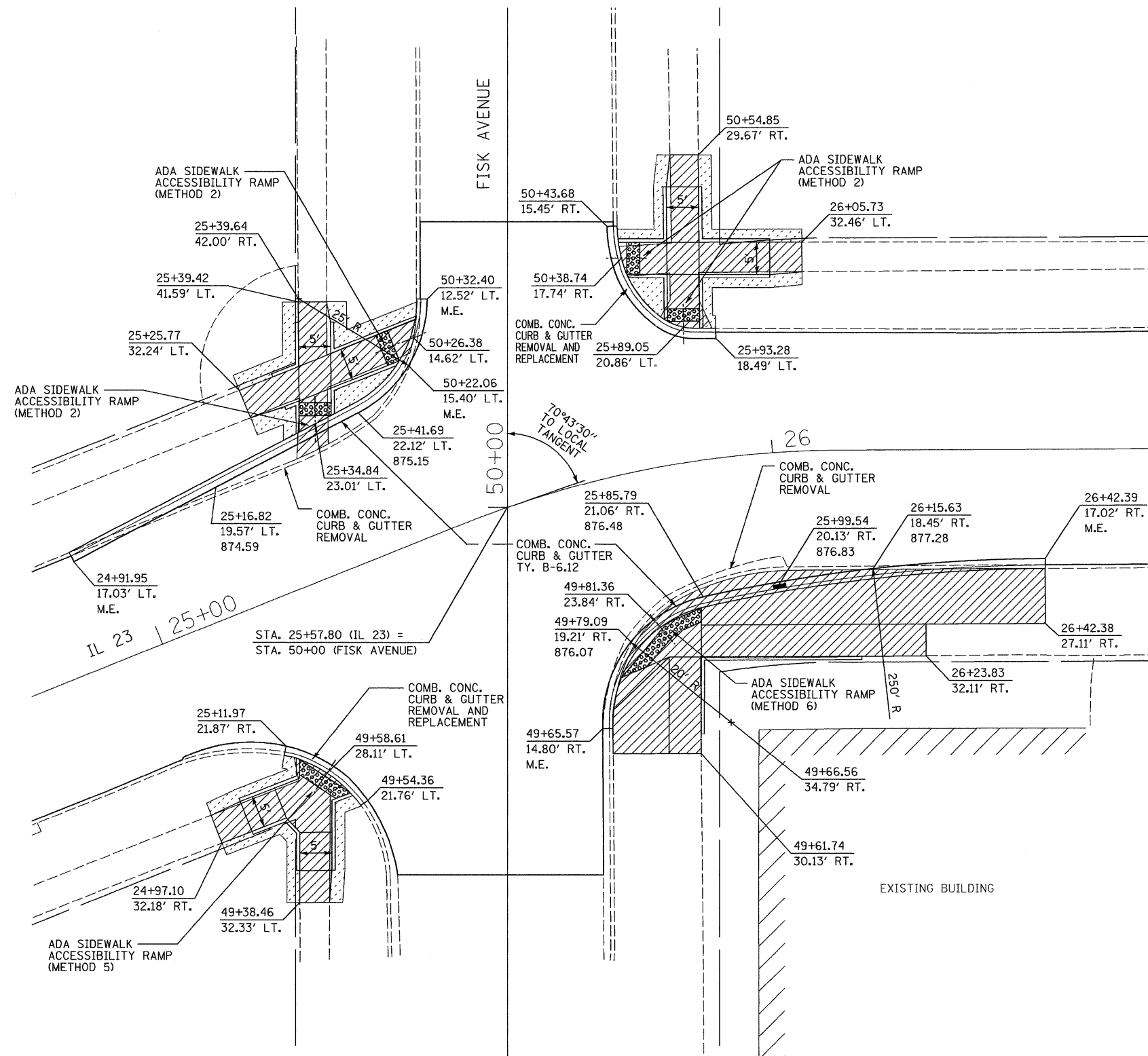
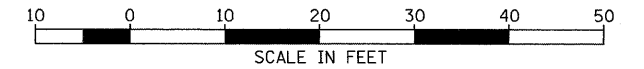
SCALE: 1"=20'

SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	46

CONTRACT NO. 66983

FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT



- DETECTABLE WARNING
- SIDEWALK REMOVAL
- SODDING
- M.E. MATCH EXISTING

SEE SHEET 92-98  
FOR ADA SIDEWALK  
ACCESSIBILITY RAMP  
DETAILS.

FILE NAME =  
D366983-SHT-INTERSEC.DGN

USER NAME = ---  
PLOT SCALE = 1"=20'  
PLOT DATE = 01/11

DESIGNED - DJD  
DRAWN - NV  
CHECKED - DJD  
DATE - 01/11

REVISED - ---  
REVISED - ---  
REVISED - ---  
REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

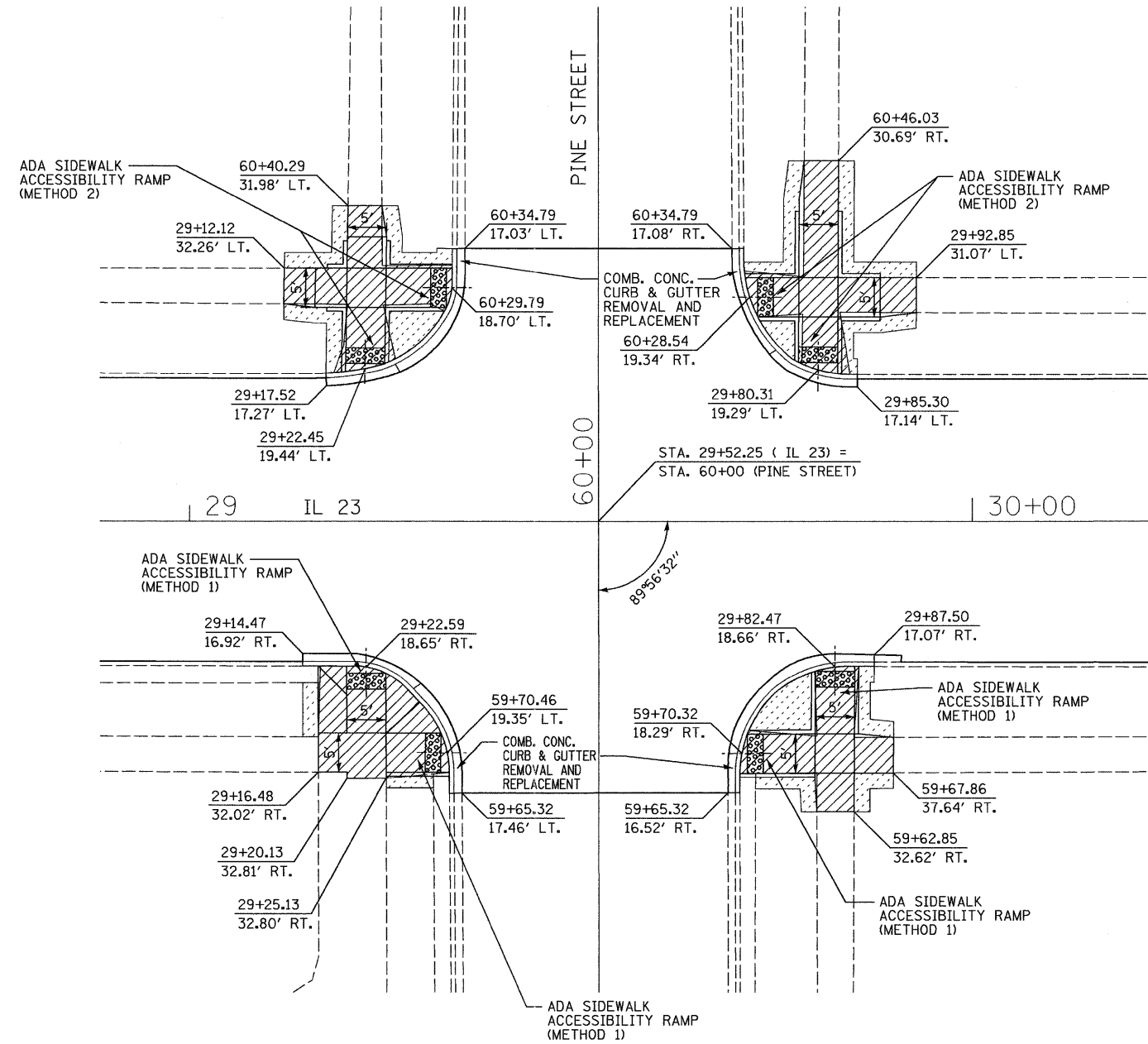
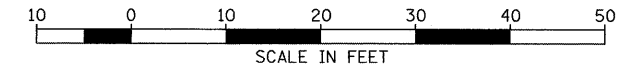
**INTERSECTION DETAIL  
FISK AVENUE**




SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	47

CONTRACT NO. 66983

FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT



-  DETECTABLE WARNING
-  SIDEWALK REMOVAL
-  SODDING

SEE SHEET 92-98  
FOR ADA SIDEWALK  
ACCESSIBILITY RAMP  
DETAILS.

FILE NAME = 0366983-SHT-INTERSEC.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---
		DRAWN - NV	REVISED - ---
		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

PLOT SCALE = 1"=20'	
PLOT DATE = 01/11	

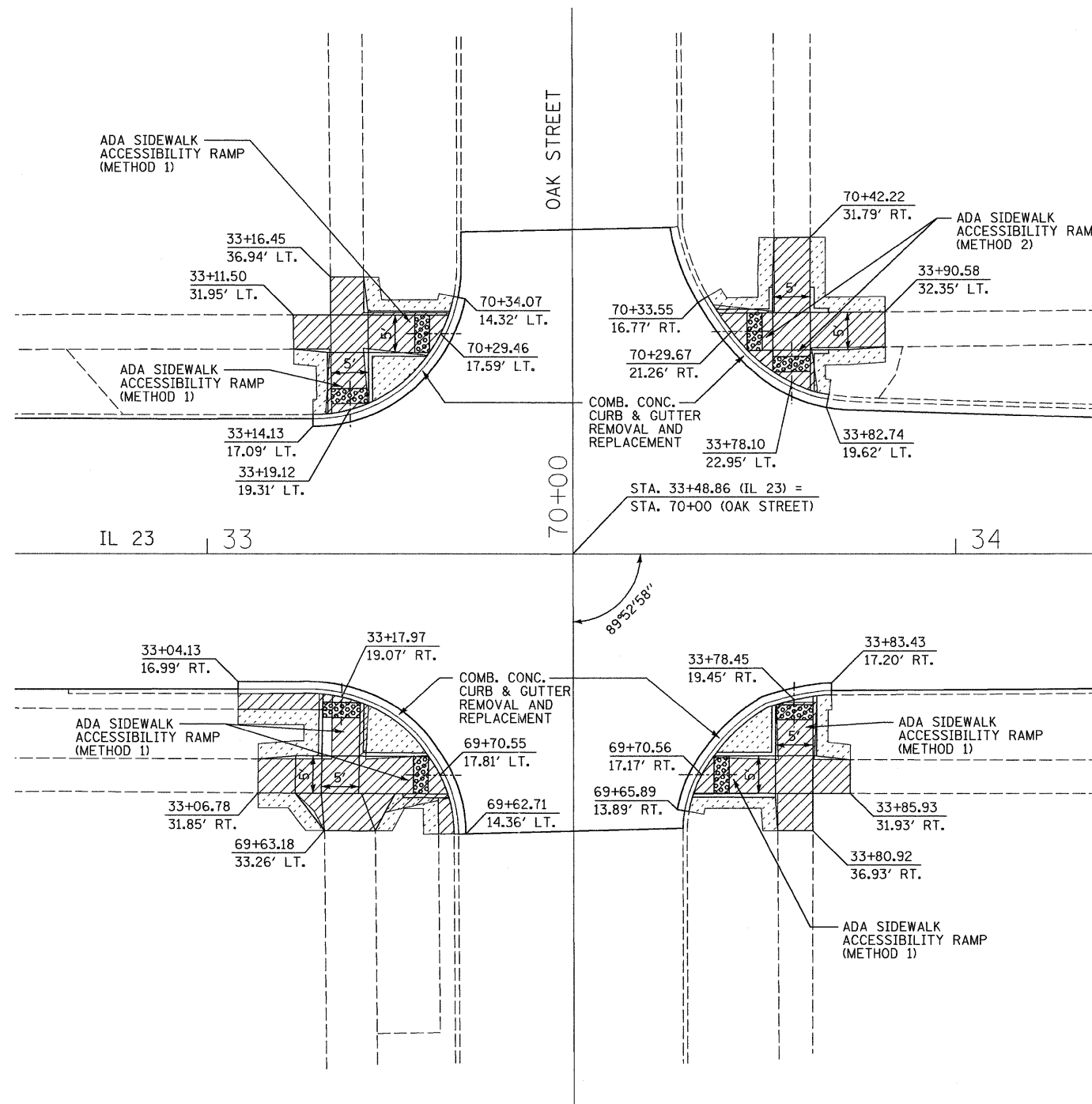
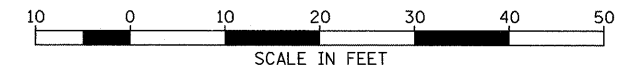
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




**INTERSECTION DETAIL  
PINE STREET**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	48
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				





-  DETECTABLE WARNING
-  SIDEWALK REMOVAL
-  SODDING

SEE SHEET 92-98  
FOR ADA SIDEWALK  
ACCESSIBILITY RAMP  
DETAILS.

FILE NAME = D366983-SHT-INTERSEC.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---
		DRAWN - NV	REVISED - ---
		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

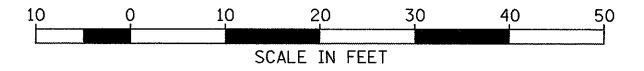
PLOT SCALE = 1"=20'	CHECKED - DJD	REVISED - ---
PLOT DATE = 01/11	DATE - 01/11	REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL  
OAK STREET**

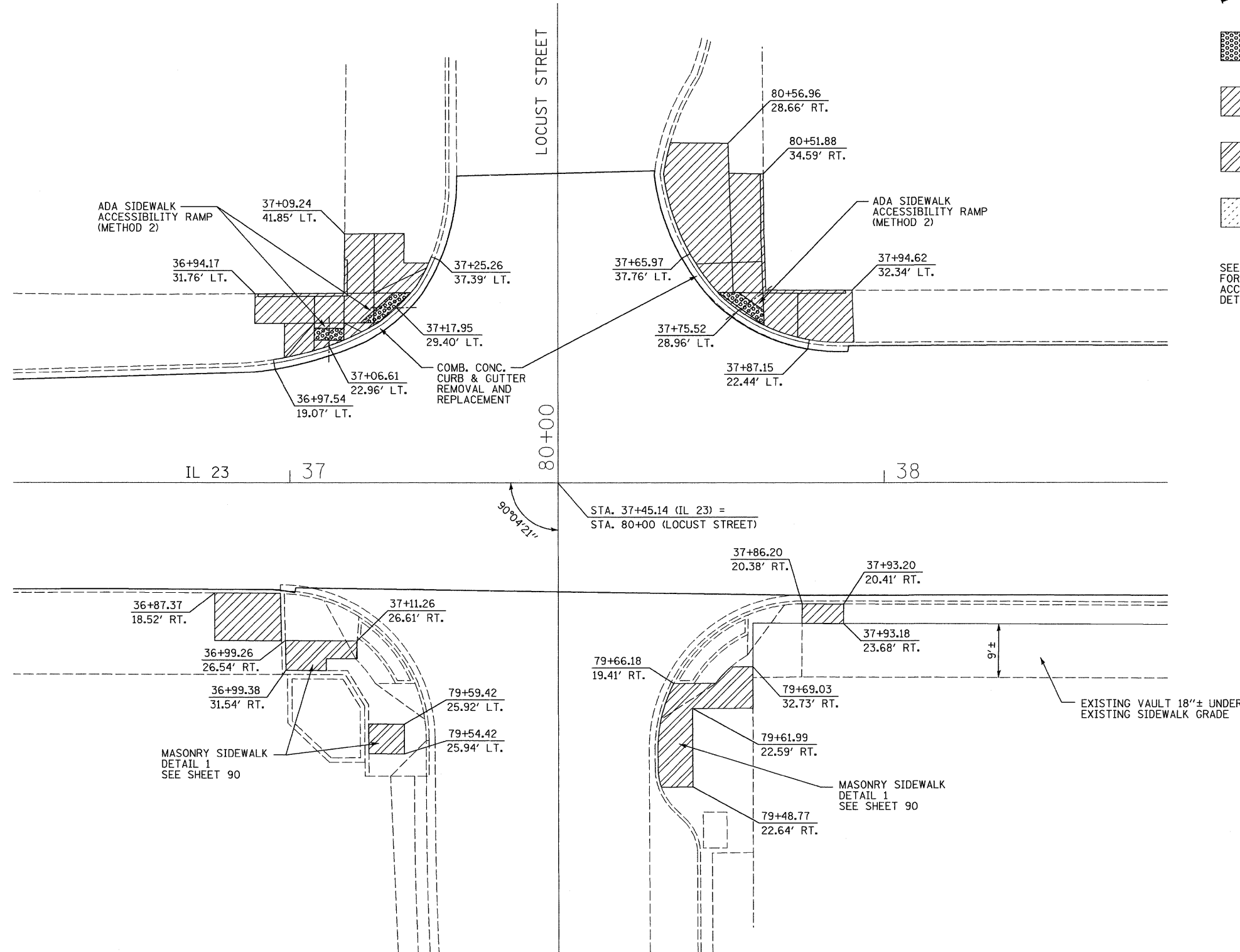
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	49
CONTRACT NO. 66983				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



- DETECTABLE WARNING
- SIDEWALK REMOVAL
- SIDEWALK REMOVAL (SPECIAL)
- SODDING

SEE SHEET 92-98  
FOR ADA SIDEWALK  
ACCESSIBILITY RAMP  
DETAILS.



FILE NAME = 0366983-SHT-INTERSEC.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---
		DRAWN - NV	REVISED - ---
		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

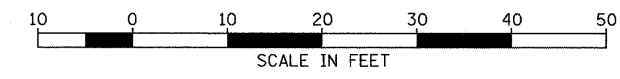
PLOT SCALE = 1"=20'	
PLOT DATE = 01/11	




**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL  
LOCUST STREET**

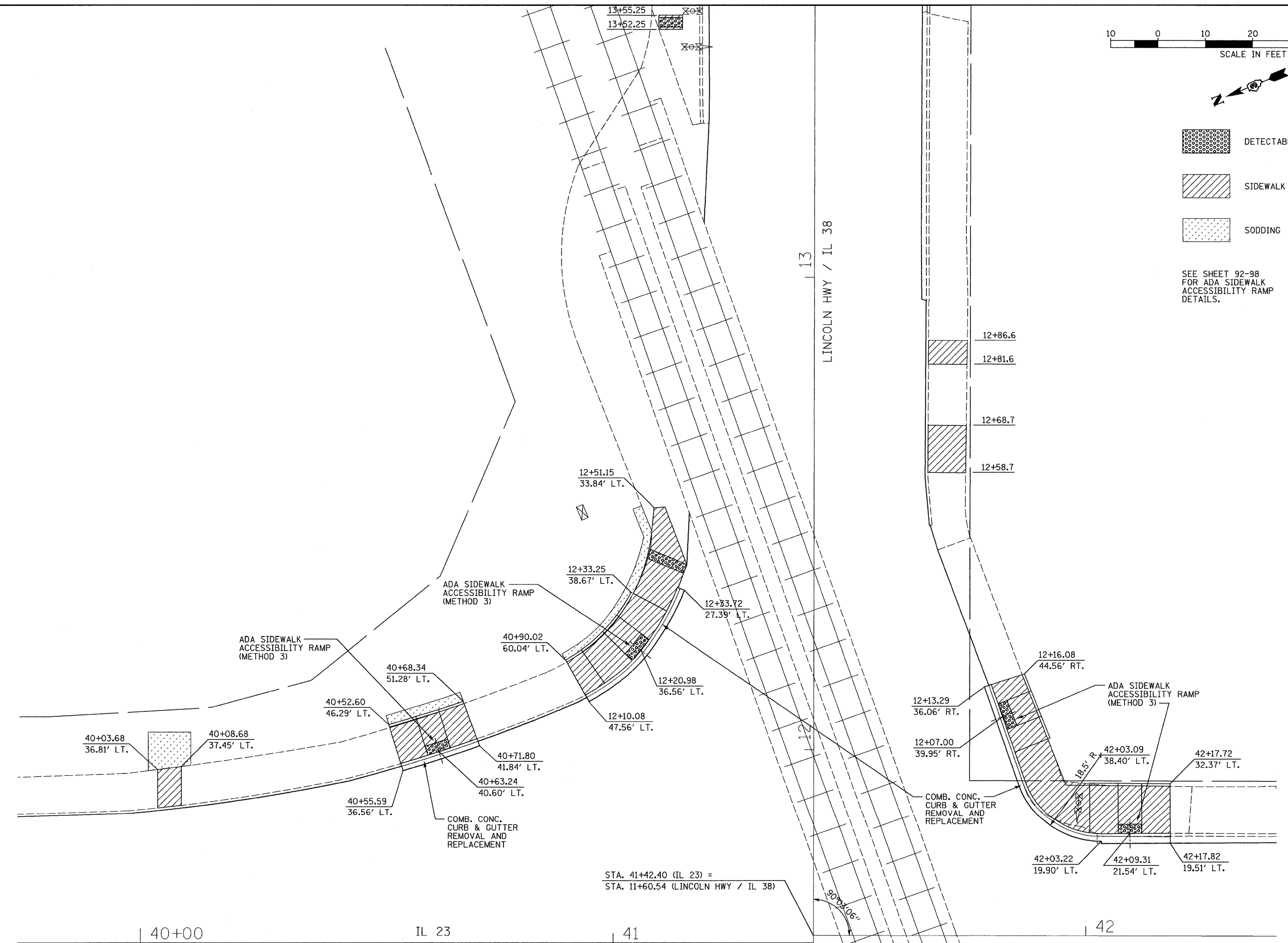
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	50
CONTRACT NO. 66983				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



-  DETECTABLE WARNING
-  SIDEWALK REMOVAL
-  SODDING

SEE SHEET 92-98  
FOR ADA SIDEWALK  
ACCESSIBILITY RAMP  
DETAILS.



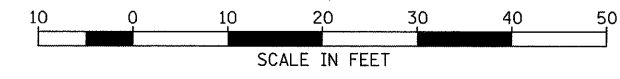
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USER NAME =	---
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PLOT DATE =	01/11





DESIGNED -	DJD	REVISED -	---
DRAWN -	NV	REVISED -	---
CHECKED -	DJD	REVISED -	---
DATE -	01/11	REVISED -	---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

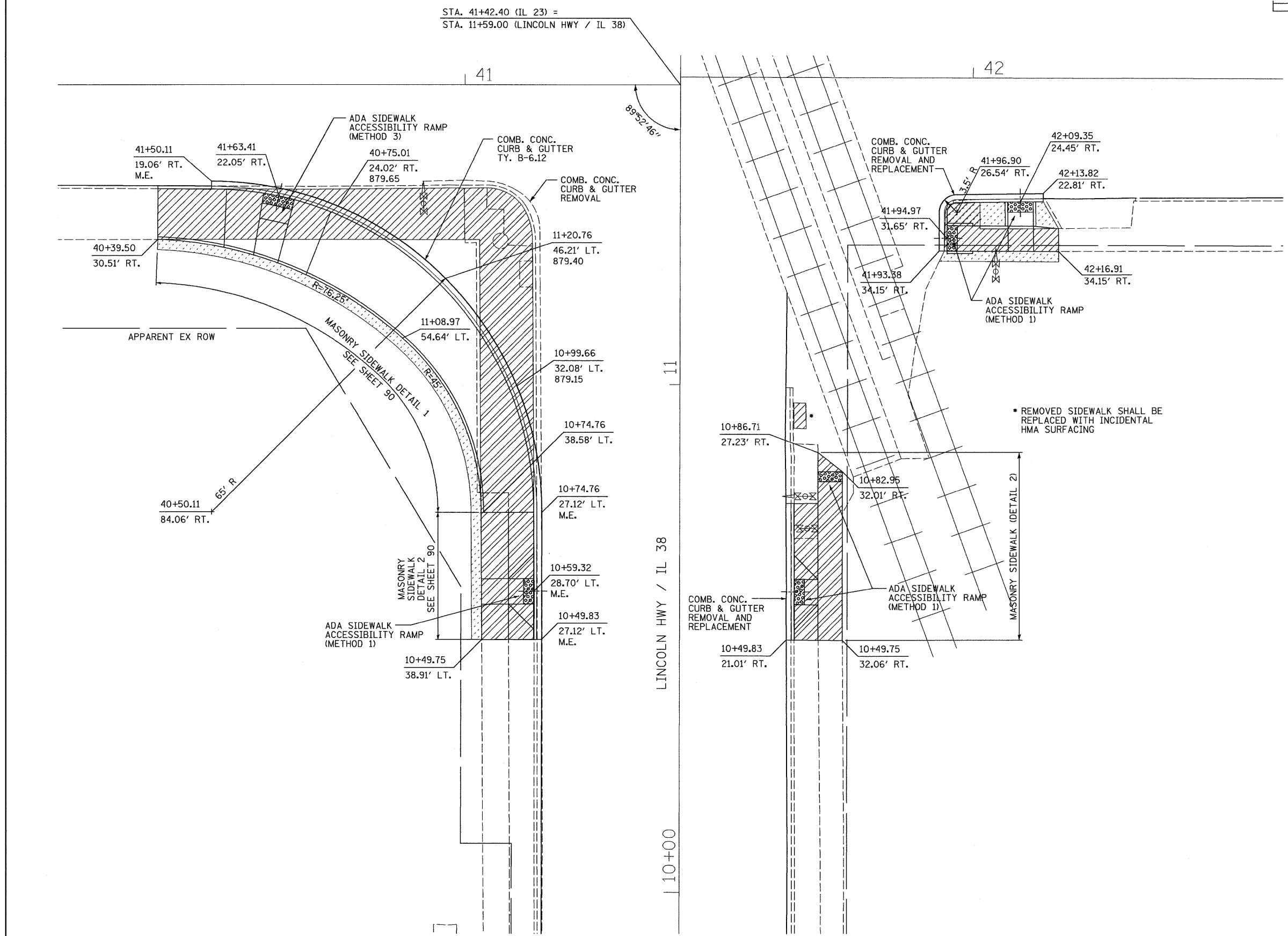
<b>INTERSECTION DETAIL LINCOLN HIGHWAY /IL 38</b>	
SCALE: 1"=20'	SHEET NO. ___ OF ___ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	51
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



-  DETECTABLE WARNING
-  SIDEWALK REMOVAL
-  SIDEWALK REMOVAL (SPECIAL)
-  SODDING
- M.E. MATCH EXISTING

SEE SHEET 92-98  
FOR ADA SIDEWALK  
ACCESSIBILITY RAMP  
DETAILS.



FILE NAME =	USER NAME = ---
D366983-SHT-INTERSEC.DGN	

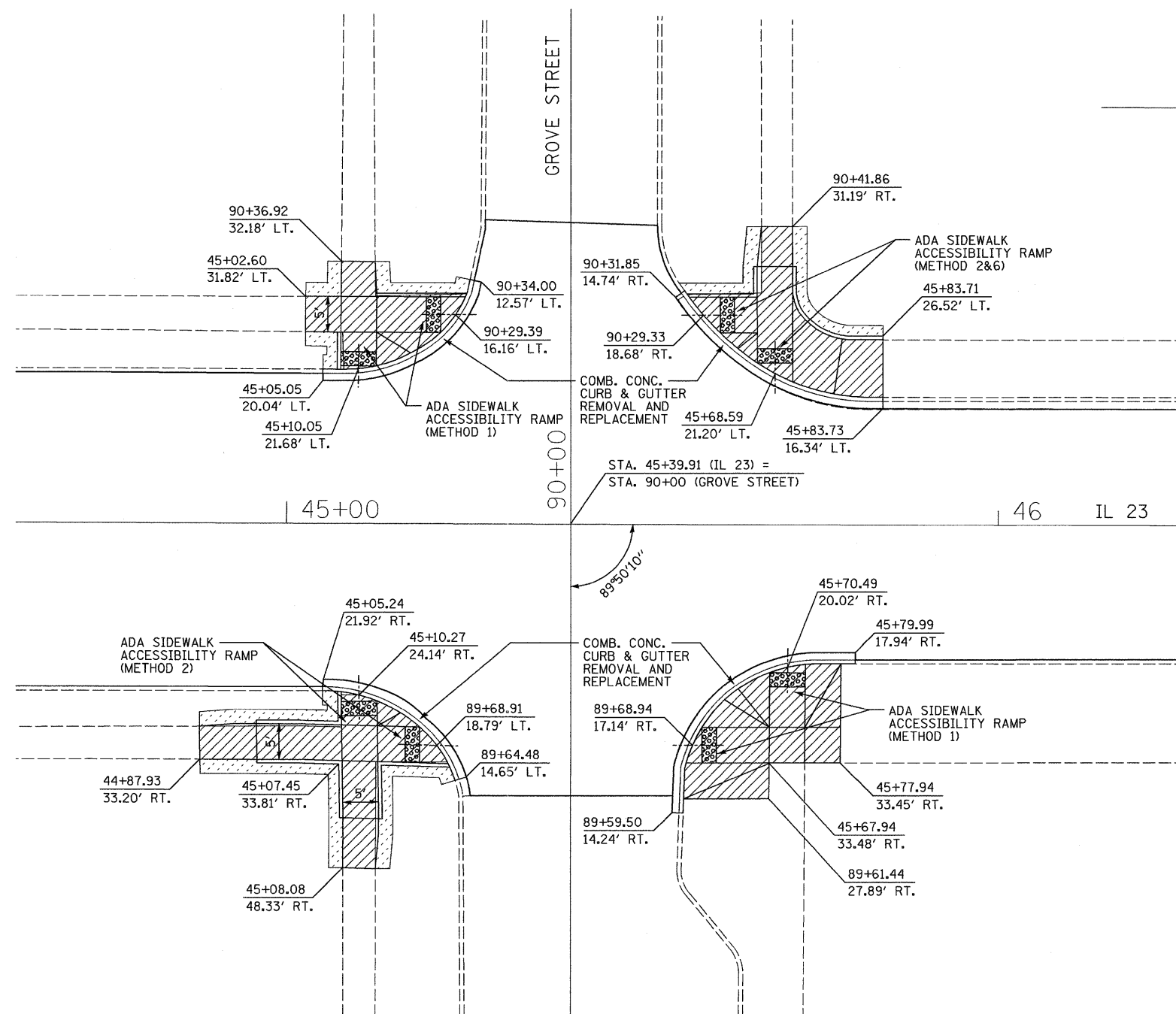
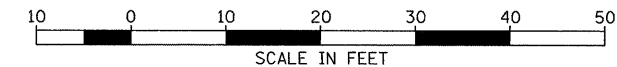
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PLOT DATE = 01/11	DRAWN - NV
	CHECKED - DJD
	DATE - 01/11

DESIGNED - DJD	REVISED - ---
DRAWN - NV	REVISED - ---
CHECKED - DJD	REVISED - ---
DATE - 01/11	REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>INTERSECTION DETAIL LINCOLN HIGHWAY /IL 38</b>	
SCALE: 1"=20'	SHEET NO. ___ OF ___ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 52
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



DETECTABLE WARNING

SIDEWALK REMOVAL

SODDING

SEE SHEET 92-98 FOR ADA SIDEWALK ACCESSIBILITY RAMP DETAILS.

FILE NAME = 0366983-SHT-INTERSEC.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---
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		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

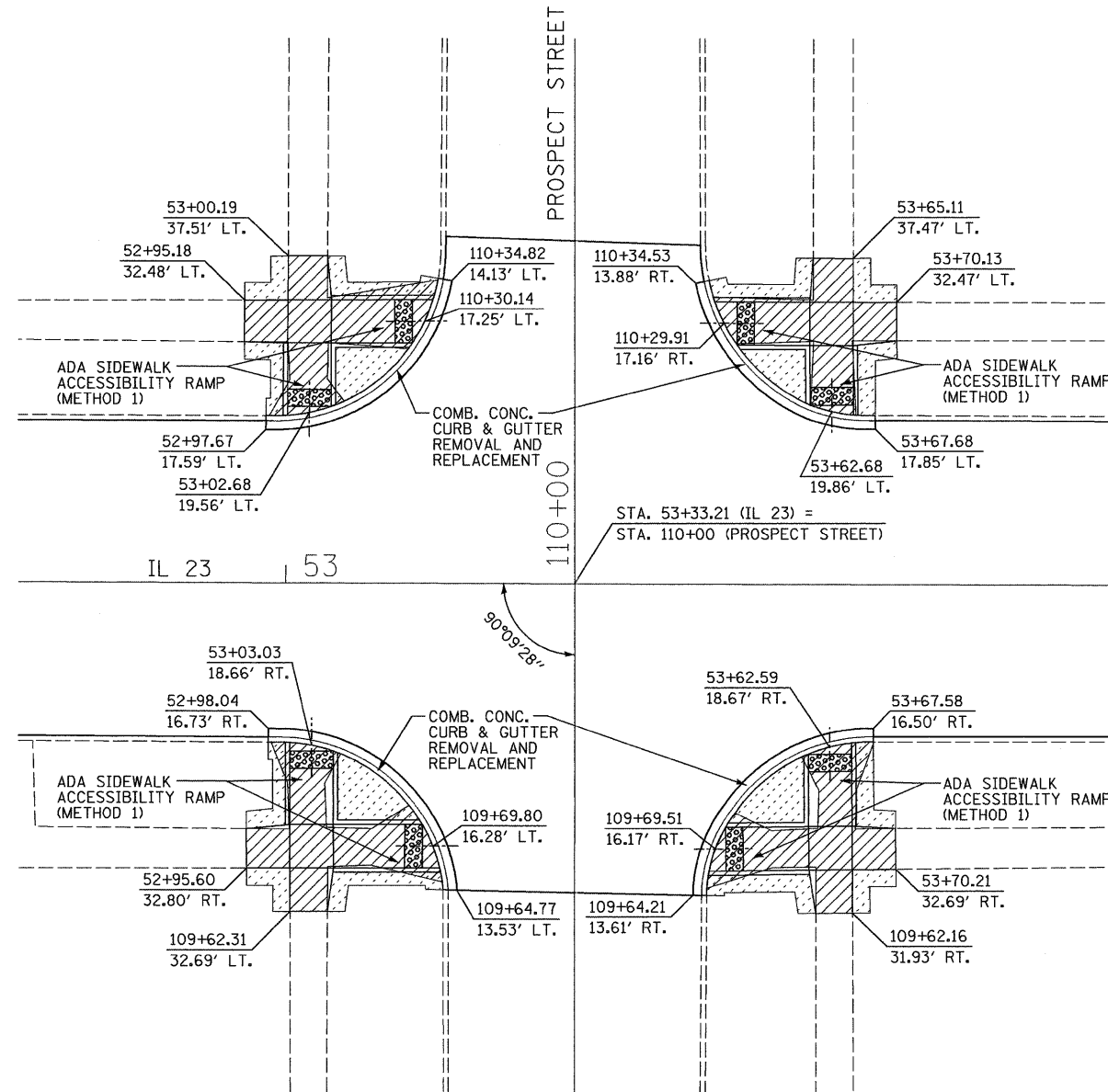
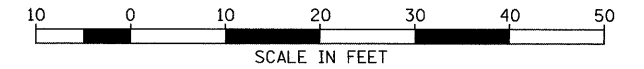

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL  
GROVE STREET

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	53
CONTRACT NO. 66983				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

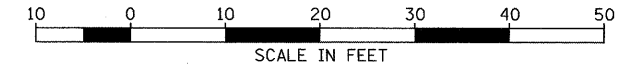







- DETECTABLE WARNING
- SIDEWALK REMOVAL
- SODDING

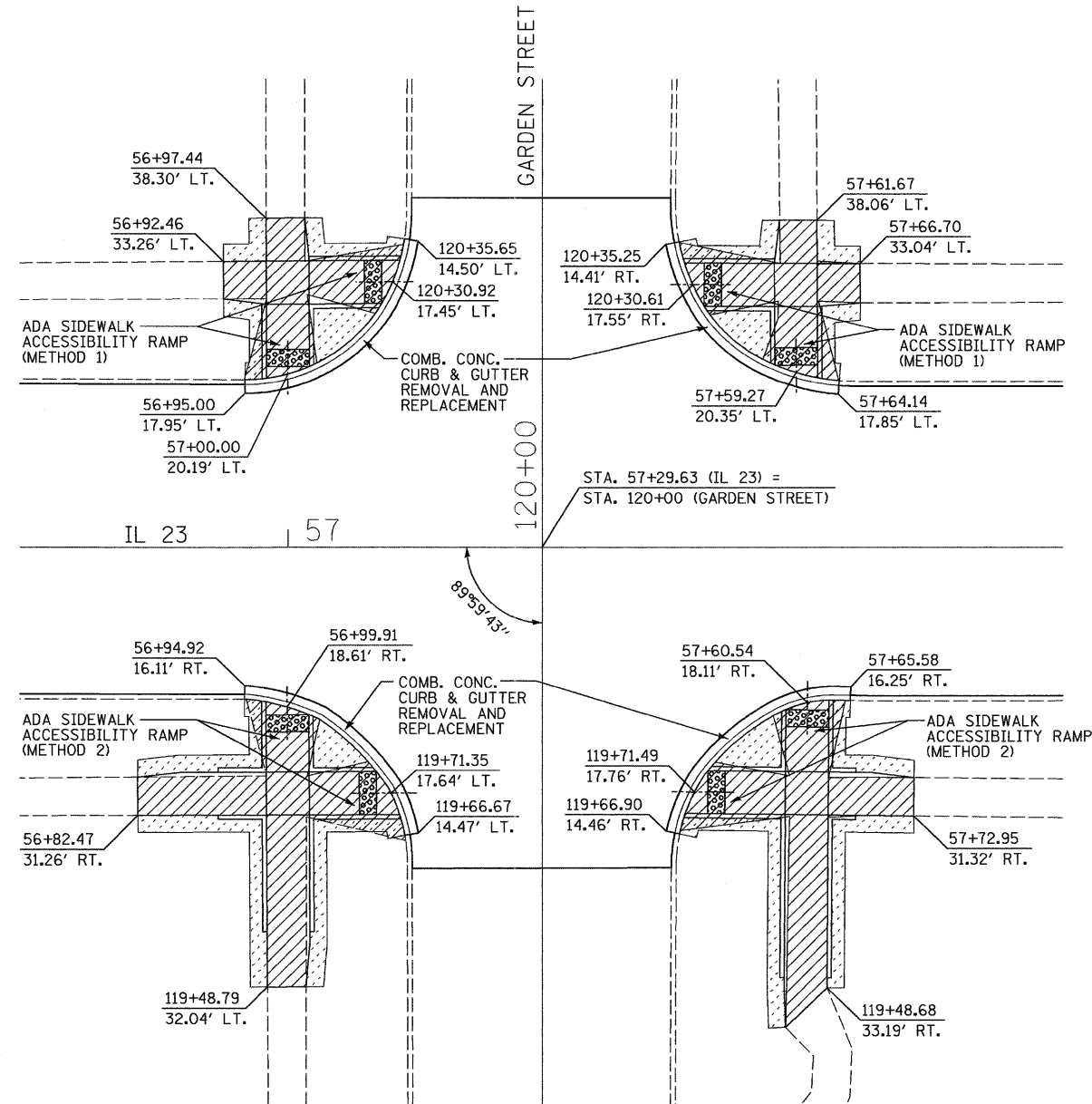
SEE SHEET 92-98 FOR ADA SIDEWALK ACCESSIBILITY RAMP DETAILS.

FILE NAME = 0366983-SHT-INTERSEC.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION DETAIL PROSPECT STREET</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=20'	DRAWN - NV	REVISED - ---				68	(28)N. TS & I	DEKALB	120	55
	PLOT DATE = 01/11	CHECKED - DJD	REVISED - ---				CONTRACT NO. 66983				
	DATE - 01/11	DATE - 01/11	REVISED - ---				FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
				SCALE: 1"=20'		SHEET NO. ___ OF ___ SHEETS		STA. TO STA.			



-  DETECTABLE WARNING
-  SIDEWALK REMOVAL
-  SODDING

SEE SHEET 92-98  
FOR ADA SIDEWALK  
ACCESSIBILITY RAMP  
DETAILS.



FILE NAME = 0366983-SHT-INTERSEC.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---
		DRAWN - NV	REVISED - ---
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	PLOT DATE = 01/11	DATE - 01/11	REVISED - ---

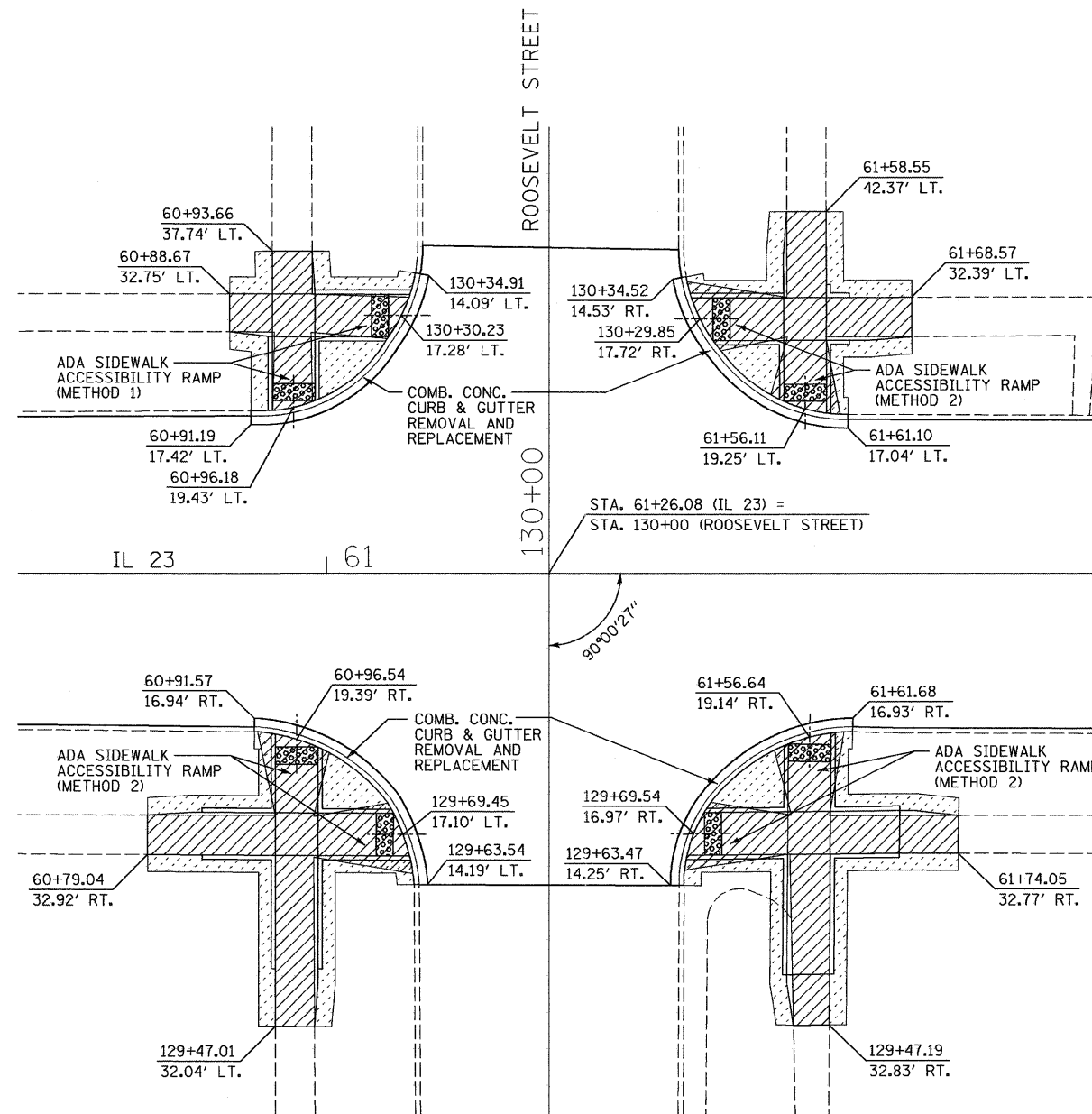
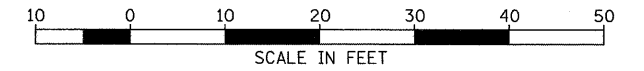
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




**INTERSECTION DETAIL  
GARDEN STREET**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	56
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				

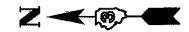
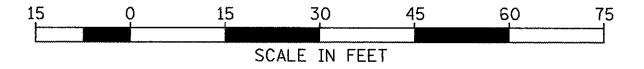




-  DETECTABLE WARNING
-  SIDEWALK REMOVAL
-  SODDING

SEE SHEET 92-98  
FOR ADA SIDEWALK  
ACCESSIBILITY RAMP  
DETAILS.

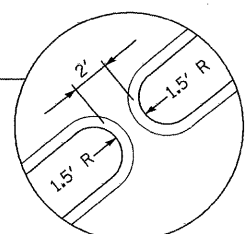
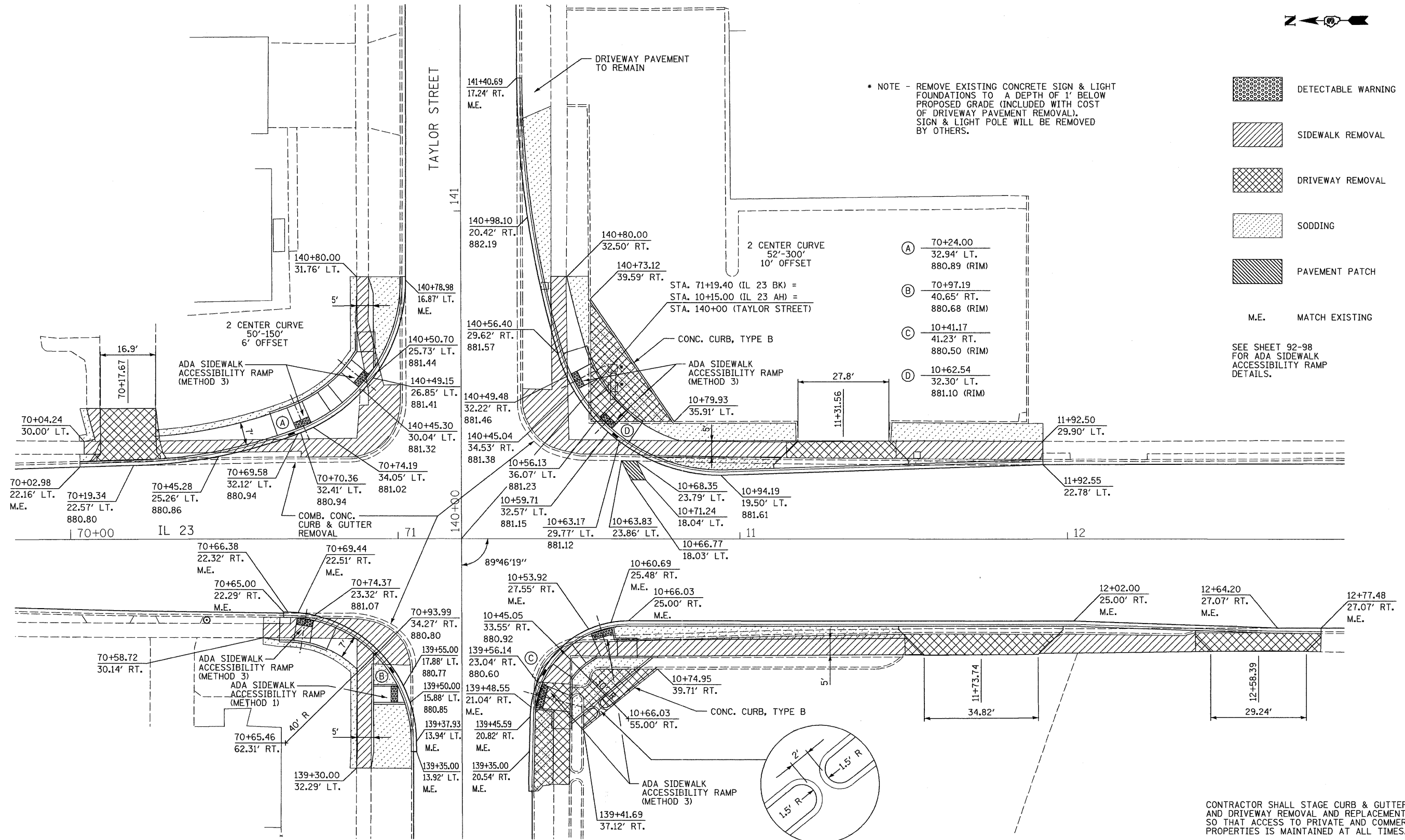
FILE NAME = D366983-SHT-INTERSEC.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION DETAIL ROOSEVELT STREET</b>	F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 57	
PLOT SCALE = 1"=20'						SCALE: 1"=20'		SHEET NO. ___ OF ___ SHEETS		STA. TO STA.	
PLOT DATE = 01/11						DATE - 01/11		FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT			
						CONTRACT NO. 66983					



- DETECTABLE WARNING
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- SODDING
- PAVEMENT PATCH
- M.E. MATCH EXISTING

SEE SHEET 92-98 FOR ADA SIDEWALK ACCESSIBILITY RAMP DETAILS.

\* NOTE - REMOVE EXISTING CONCRETE SIGN & LIGHT FOUNDATIONS TO A DEPTH OF 1' BELOW PROPOSED GRADE (INCLUDED WITH COST OF DRIVEWAY PAVEMENT REMOVAL). SIGN & LIGHT POLE WILL BE REMOVED BY OTHERS.



CONTRACTOR SHALL STAGE CURB & GUTTER AND DRIVEWAY REMOVAL AND REPLACEMENT SO THAT ACCESS TO PRIVATE AND COMMERCIAL PROPERTIES IS MAINTAINED AT ALL TIMES.

SEE PLAN SHEETS FOR PAVEMENT REMOVAL AND PAVEMENT WIDENING LOCATIONS.

FILE NAME = D:\366\983-SHT-INTERSEC.DGN	USER NAME = ---	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION DETAIL TAYLOR STREET</b>				F.A.P. RTE. 68	SECTION (28N, TS & I)	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 58
PLOT SCALE = 1"=20'	CHECKED - DJD	REVISED - ---	REVISED - ---		SCALE: 1"=20'	SHEET NO. ___ OF ___ SHEETS	STA. TO STA.	CONTRACT NO. 66983					
PLOT DATE = 01/11	DATE - 01/11	REVISED - ---	REVISED - ---		FED. ROAD DIST. NO. _ ILLINOIS/ FED. AID PROJECT								

# TRAFFIC SIGNAL GENERAL NOTES

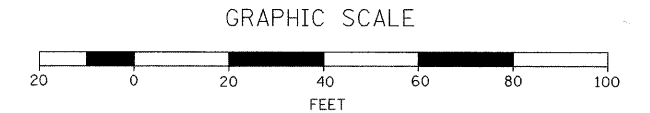
1. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION (J.U.L.I.E. 800/892-0123). CONTACT IDOT FOR HIGHWAY LIGHTING LOCATE.
2. ALL TRAFFIC SIGNAL HEADS SHALL BE 12", UNLESS OTHERWISE NOTED.
3. ALL SIGNAL BASES SHALL BE LOCATED AT 6 FOOT MINIMUM CLEARANCE FROM CURB UNLESS OTHERWISE DIRECTED BY ENGINEER.
4. ALL CONDUIT IN TRENCH SHALL BE P.V.C. ALL CONDUIT PUSHED MAY BE GALVANIZED STEEL OR P.V.C. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.
5. A 1/4" DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER AS INCIDENTAL TO THE RESPECTIVE CONDUIT PAY ITEM.
6. THE PROPOSED TRAFFIC SIGNAL CONTROL CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CORD WITHIN THE POLICE DOOR COMPARTMENT AS INCIDENTAL TO THE CONTROL CABINET PAY ITEM.
7. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON, INCIDENTAL TO THE CONTROLLER PAY ITEM.
8. THE DEPARTMENT OF TRANSPORTATION (815-434-8505) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE TURNING ON OF THE CONTROLLER UNIT.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING THE NEW ELECTRICAL LOADS FOR THE UNMETERED SERVICES ON THIS IMPROVEMENT TO THE UTILITY COMPANY AND AGENCY RESPONSIBLE FOR ENERGY CHARGES: CITY OF DEKALB, DEKALB IL.
10. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FEET MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
11. ALL MAST ARM SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE "RED" INDICATIONS ARE LEVEL WITH EACH OTHER.
12. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
13. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES, AS NECESSARY, INCIDENTAL TO THE CONDUIT PAY ITEM.
14. ALL THREADS OF BOLTS USED IN TRAFFIC COMPONENT ASSEMBLIES SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
15. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.
16. BACK PLATES MUST BE POLYCARBONATE WITH A DEEP BACK FLANGE.
17. THE CONTRACTOR SHALL PROVIDE 3 FEET SLACK CABLE IN EACH TRAFFIC SIGNAL STRUCTURE: MAST ARM, POST, CONTROLLER. THE SLACK, WHICH IS IN ADDITION TO THE VERTICAL LENGTH OF CABLE DEFINED IN THE SPECIFICATIONS, SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH CABLE.
18. ALL EXISTING HANDHOLES WHICH ARE TO BE RE-USED SHALL BE THOROUGHLY CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS, OR FOREIGN MATTER OF ANY KIND AND HAVE NEW AGGREGATE PLACED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. EXISTING GROUND RODS SHALL BE RE-SET TO PROJECT ONLY TEN(10) INCHES OF ROD ABOVE HANDHOLE BASE OR PROVIDED IF NOT PRESENT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEM.
19. ALL GROUNDING MATERIALS FOR TRAFFIC SIGNAL CONCRETE FOUNDATIONS SHALL REFER TO SECTION 807 IN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007.
20. THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
21. SIGNAL AND PEDESTRIAN HEADS SHALL HAVE BLACK HOUSING AND BLACK POLYCARBONATE BRACKETS.
22. RELOCATION OF EXISTING TRAFFIC SIGNAGE ONTO PROPOSED TRAFFIC SIGNAL POSTS SHALL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
23. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
24. ALL TRAFFIC SIGNAL POSTS, MAST ARMS, EMERGENCY VEHICLE PRIORITY EQUIPMENT AND CABINETS (INCLUDING BATTERY BACKUP CABINETS) AT THE IL 38 AND LOCUST STREET INTERSECTIONS SHALL BE FACTORY POWER COATED BLACK.
25. ALL FIBER OPTIC CABLE RUNS SHALL INCLUDE A SINGLE NO. 14 TRACER WIRE. THIS SHALL BE PAID FOR PER LINEAL FOOT AS ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C.
26. THE USE OF BRACKET EXTENSIONS MAY BE REQUIRED TO ALIGN PEDESTRIAN SIGNAL HEADS WITH CROSSWALKS IN ORDER TO ENSURE PEDESTRIAN VISIBILITY. THE COST OF ANY ADDITIONAL BRACKET EXTENSIONS OR COMPONENTS SHALL BE CONSIDERED INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEM.
27. WHERE EXISTING FOUNDATIONS ARE TO BE RE-USED. THE CONTRACTOR SHALL MEASURE AND PROVIDE BOLT PATTERN DETAILS TO TRAFFIC SIGNAL EQUIPMENT SUPPLIER PRIOR TO FABRICATION TO ENSURE COMPATABILITY. IN ADDITION THE CONTRACTOR SHALL INSPECT THE EXISTING ANCHOR BOLTS FOR SIGNS OF CORROSION IF SIGNIFICANT CORROSION IS PRESENT THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AS SOON AS POSSIBLE.
28. PEDESTRIAN SIGNALS SHALL BE 16" X 18", 1-FACE, 1-SECTION, LED
29. HAND AND PERSON SYMBOLS ON PEDESTRIAN SIGNALS SHALL BE FILLED.
30. REMOVAL OF EXISTING SERVICES & APPURTENANCES WILL BE INCLUDED IN THE COST OF SERVICE INSTALLATION, OF THE TYPE SPECIFIED. NEW SERVICE INSTALLATIONS SHALL BE INSTALLED AT SAME LOCATION AS EXISTING UNLESS OTHERWISE NOTED IN THE PLANS.
31. TREE PRUNING IF NECESSARY, FOR INSTALLATION OF NEW TRAFFIC SIGNAL STRUCTURES AT THE NORTHWEST QUADRANT OF THE PINE STREET INTERSECTION, SHALL BE IN ACCORDANCE WITH ARTICLE 201.05 (c) OF THE STANDARD SPECIFICATIONS.
32. THE EXISTING TRAFFIC SIGNAL CONTROLLER AT THE IL 23/IL 38 INTERSECTION SHALL BE PAINTED ACCORDING TO ARTICLES 851.03 AND 851.04 OF THE STANDARD SPECIFICATIONS EXCEPT THE COLOR OF THE PAINT SHALL BE BLACK. THIS WORK WILL BE INCLUDED IN THE COST OF MODIFY EXISTING CONTROLLER.
33. DETECTOR LOOPS SHALL BE INSTALLED IN MILLED SURFACE PRIOR TO HMA PLACEMENT.

**ALL UNINTERRUPTABLE POWER SUPPLIES SHALL BE EQUIPPED WITH ALPHAGUARD MONITORS**

FILE NAME = 0366983-SHT-TS-GNOTES.DGN	USER NAME = --	DESIGNED - DJD	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL GENERAL NOTES</b>	F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 59
	PLOT SCALE = 1" = 20'	CHECKED - ---	REVISED - ---		SCALE: 1" = 20' SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____					CONTRACT NO. 66983
	PLOT DATE = 01/11	DATE - 01/11	REVISED - ---							ILLINOIS FED. AID PROJECT

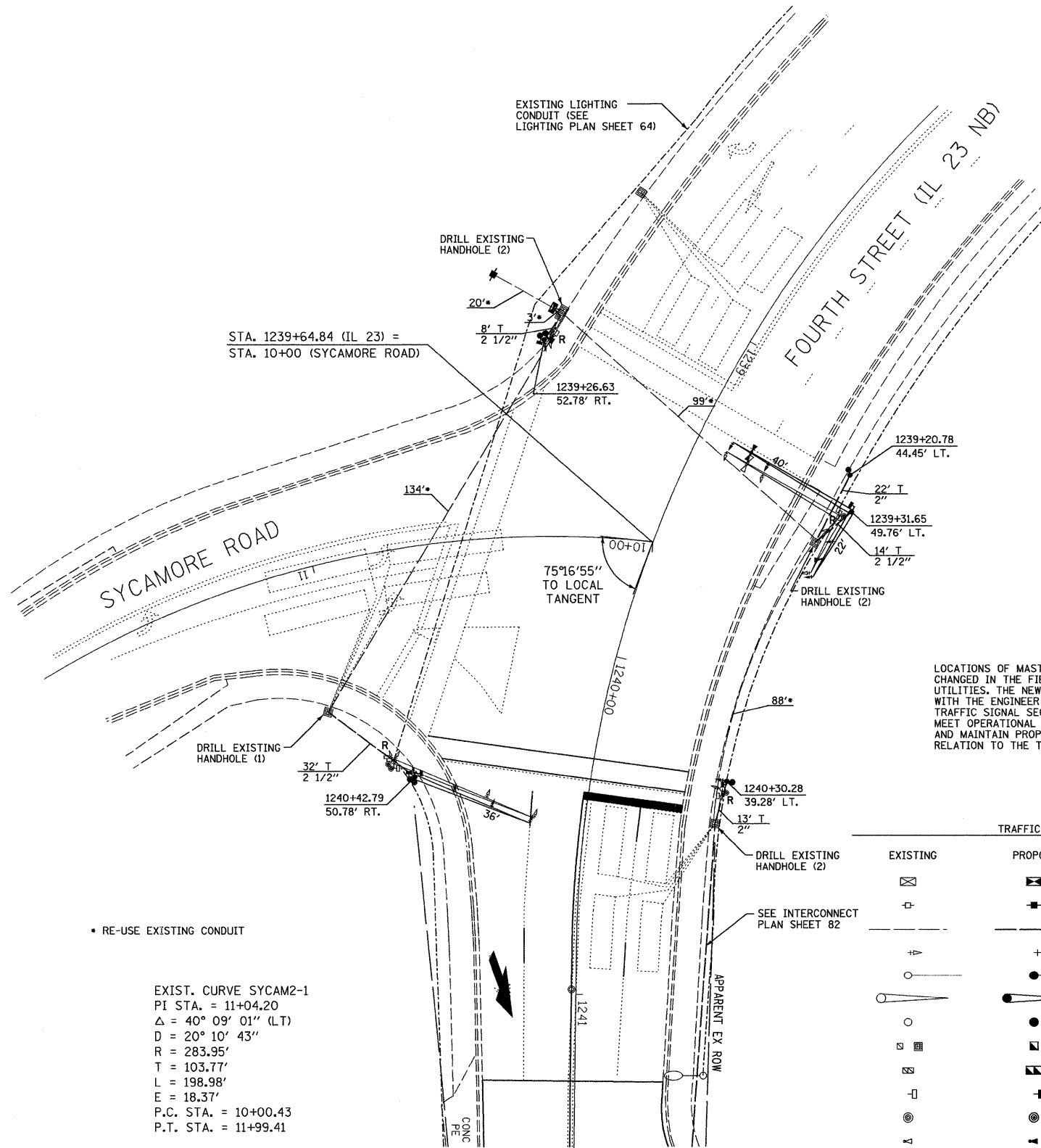
**CONSTRUCTION NOTES:**

- REMOVE AND REPLACE CONTROLLER AND CABINET ON EXISTING FOUNDATION.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- REMOVE AND REPLACE EXISTING TRAFFIC SIGNAL POST ON THE NORTHWEST CORNER ON A NEW FOUNDATION AS SHOWN.
- REMOVE AND REPLACE EXISTING TRAFFIC SIGNAL POST AND DUAL COMBINATION MAST ARM AND POLE ON THE EAST SIDE OF INTERSECTION ON NEW FOUNDATIONS AS SHOWN.
- REMOVE AND REPLACE EXISTING COMBINATION MAST ARM AND POLE ON THE SOUTHWEST CORNER ON A NEW FOUNDATION AS SHOWN.
- REMOVE AND REPLACE CABLE IN EXISTING CONDUIT WHERE SHOWN.
- INSTALL NEW CONDUIT AND CABLE WHERE NOTED.
- EXISTING HANDHOLES SHALL BE UTILIZED AS SHOWN.
- EXISTING FOUNDATIONS SHALL BE REMOVED AS SHOWN.
- INSTALL NEW EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENT ON PROPOSED TRAFFIC SIGNAL STRUCTURES AS SHOWN
- REMOVE AND REPLACE EXISTING SERVICE INSTALLATION AT EXISTING LOCATION AS SHOWN.
- REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
  - 1 EACH - CONTROLLER CABINET W/ALL CONTENTS
  - 2 EACH - TRAFFIC SIGNAL POST
  - 1 EACH - DUAL COMBINATION MAST ARM AND POLE
  - 1 EACH - COMBINATION MAST ARM AND POLE
  - 5 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
  - 6 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
  - 6 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
  - 3 EACH - EMERGENCY VEHICLE PRIORITY SYSTEM
  - 1 EACH - SERVICE INSTALLATION



**SCHEDULE OF QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
72000200	SIGN PANEL - TYPE 2	50 FT	42.5
80500200	SERVICE INSTALLATION, TYPE B	EACH	1
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	35
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	54
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	89
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	930
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	922
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1806
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	285
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	26
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE 1	EACH	1
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	25
87900200	DRILL EXISTING HANDHOLE	EACH	7
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	6
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	11
88500100	INDUCTIVE LOOP DETECTOR	EACH	3
88700200	LIGHT DETECTOR	EACH	3
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	6
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3689
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
<del>89730027</del>	<del>ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C</del>	<del>FOOT</del>	<del>459</del>
X8860100	LOOP DETECTOR TESTING	EACH	1
*3002186	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL ARMS, 22 FT. AND 40 FT.	EACH	1
*3002214	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 20 3/C	FOOT	611



EXIST. CURVE RT23NRTH-1  
 PI STA. = 1239+31.98  
 $\Delta = 55^\circ 20' 56''$  (LT)  
 $D = 16^\circ 22' 09''$   
 $R = 350.02'$   
 $T = 183.57'$   
 $L = 338.13'$   
 $E = 45.21'$   
 P.C. STA. = 1237+48.41  
 P.T. STA. = 1240+86.54

LOCATIONS OF MAST ARM ASSEMBLIES MAY BE CHANGED IN THE FIELD AS NECESSARY TO AVOID UTILITIES. THE NEW LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER AND APPROVED BY THE DISTRICT TRAFFIC SIGNAL SECTION TO ENSURE THE NEW LOCATIONS MEET OPERATIONAL OFFSET/CLEAR ZONE REQUIREMENTS AND MAINTAIN PROPER POSITION OF SIGNAL HEADS IN RELATION TO THE TRAVELED LANES.

**TRAFFIC SIGNALS LEGEND**

EXISTING	PROPOSED	
		CONTROLLER CABINET
		SERVICE INSTALLATION
		CONDUIT
		SIGNAL HEAD WITH BACKPLATE
		STEEL MAST ARM
		COMBINATION STEEL MAST ARM
		TRAFFIC SIGNAL POST
		HANDHOLE
		DOUBLE HANDHOLE
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSH BUTTON
		LIGHT DETECTOR W/CONFIRMATION BEACON

FILE NAME = 0366983-SHT-TS-PLN-RT23-SYCAMORE.DGN	USER NAME = --	DESIGNED - DJD	REVISED - ---
		DRAWN - ARR	REVISED - ---
		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

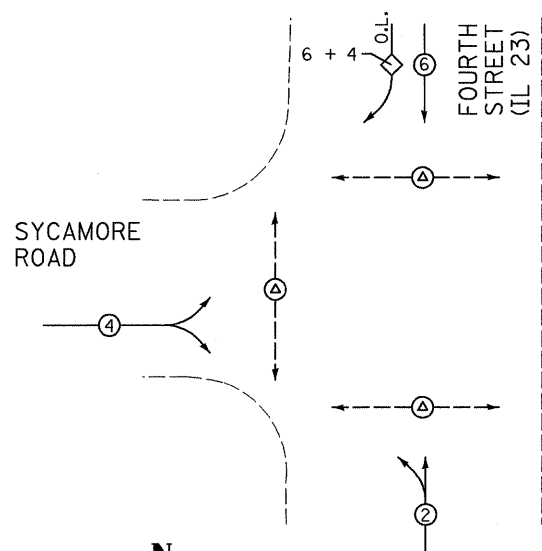
**TRAFFIC SIGNAL PLAN  
FAP 68 (IL 23)/FOURTH STREET AND SYCAMORE ROAD**

SCALE: 1" = 20'    SHEET NO. \_\_\_ OF \_\_\_ SHEETS    STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 60
CONTRACT NO. 66983				ILLINOIS FED. AID PROJECT

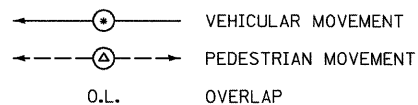
**CONTROLLER SEQUENCE**

NAME OF INTERSECTION: FOURTH STREET (IL 23) AND SYCAMORE ROAD  
 CONTROLLER SPECIFIED: FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE II, 8 PHASE, IN TYPE IV CABINET  
 REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED.



**PROPOSED PLAN**  
NOT TO SCALE

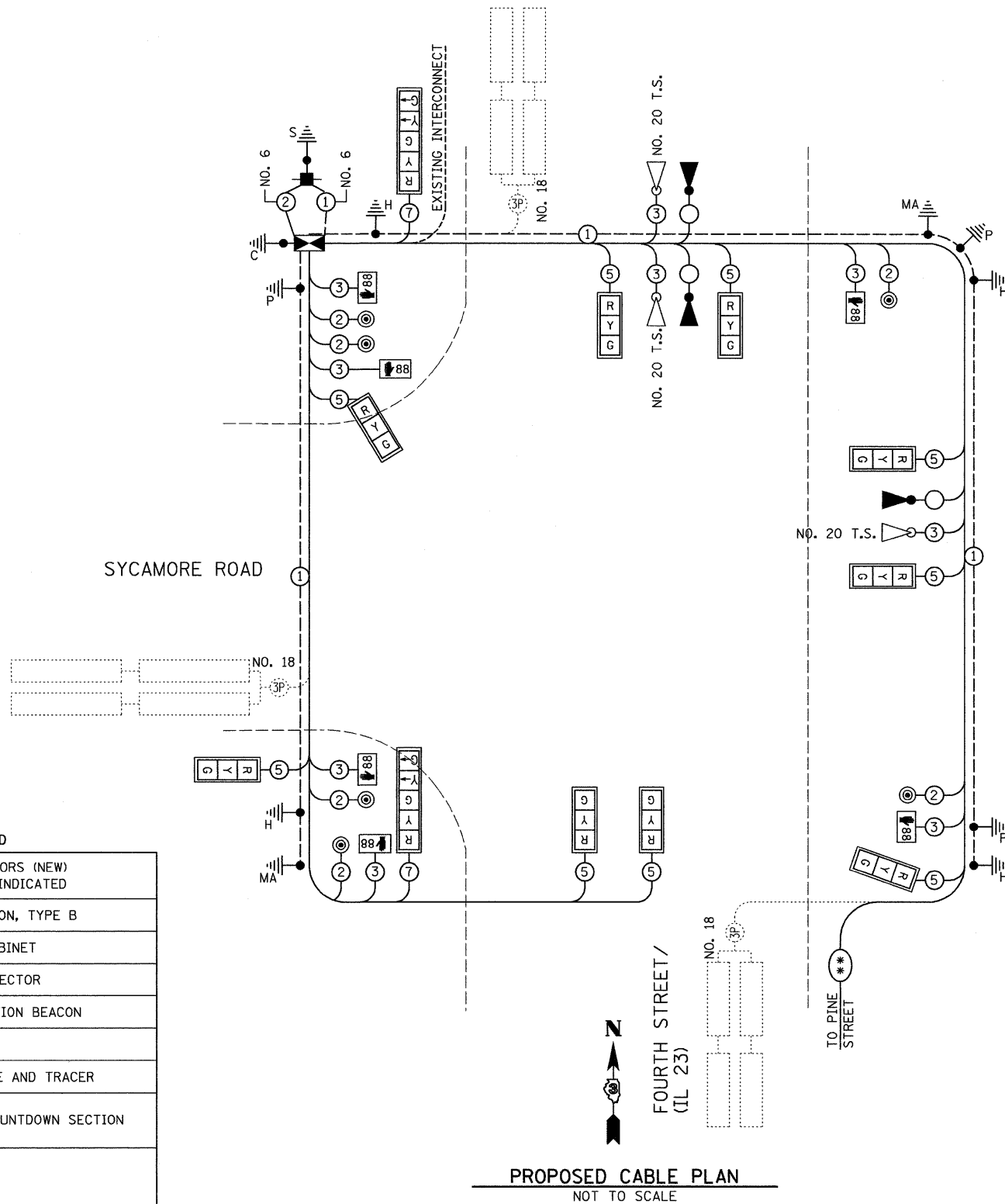
**LEGEND**



\* NUMBER REFERS TO ASSOCIATED PHASE  
 Δ PEDESTRIAN PHASE ALL WAY RED (PEDESTRIAN SCRAMBLE)

**TRAFFIC SIGNALS LEGEND**

	DETNOTES NUMBER OF CONDUCTORS (NEW) ALL CABLE NO. 14 EXCEPT AS INDICATED
	PROPOSED SERVICE INSTALLATION, TYPE B
	PROPOSED CONTROLLER AND CABINET
	EMERGENCY VEHICLE LIGHT DETECTOR
	EMERGENCY VEHICLE CONFIRMATION BEACON
	SIGNAL SECTION 12"
	PROPOSED INTERCONNECT CABLE AND TRACER
	PROPOSED WALK/DONT WALK COUNTDOWN SECTION
	TRAFFIC SIGNAL BACKPLATE
	GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)
	GROUND ROD AT POST (P) OR MAST ARM (MA) OR CONTROLLER (C) OR SERVICE INSTALLATION (S) OR HANDHOLE (H)
	250 WATT HPS LUMINAIRE
	PEDESTRIAN PUSH BUTTON



**PROPOSED CABLE PLAN**  
NOT TO SCALE

FILE NAME = 0366983-SHT-TS-CABLE-RT23-SYCAMORE.DGN

USER NAME = --

DESIGNED - DJD  
 DRAWN - ARR

REVISED - ---  
 REVISED - ---

PLOT SCALE = 1" = 20'

CHECKED - DJD  
 DATE - 01/11

REVISED - ---  
 REVISED - ---

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL CABLE PLAN  
 FAP 68 (IL 23)/FOURTH STREET AND SYCAMORE ROAD**

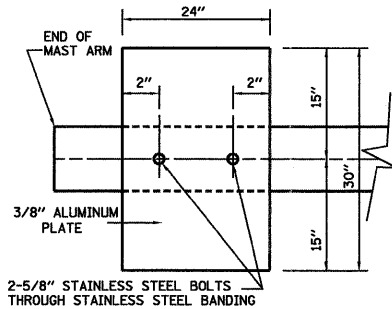
SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (20)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 61
				CONTRACT NO. 66983
ILLINOIS FED. AID PROJECT				

ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
FOURTH STREET (IL 23)	RED	6	10	58
	YELLOW	6	22	4
	GREEN	6	12	38
	YELLOW ARROW RT.	2	9	4
	GREEN ARROW RT.	2	3.4	21
		4	6	100
		4	5	13
SYCAMORE ROAD	RED	4	10	75
	YELLOW	4	22	4
	GREEN	4	12	21
		2	6	100
		2	5	13
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100
	EMERGENCY VEHICLE PREEMPT	3	--	--
LIGHTING	LUMINAIRE	<del>X</del>	<del>250</del>	<del>30</del>

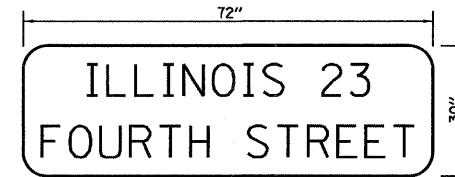
AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES:  
CITY OF DEKALB

NOTE:  
DAMPENING DEVICE SHALL CONSIST OF A 24" X 30" TYPE 1, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 30" LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE IS INCLUDED IN THE MAST ARM PAY ITEM.



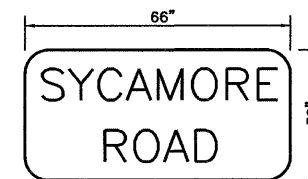
NOTE:  
MOUNT DAMPENING PLATE TO END OF EACH TRAFFIC SIGNAL MAST ARM.

DAMPENING PLATE DETAIL - TOP VIEW



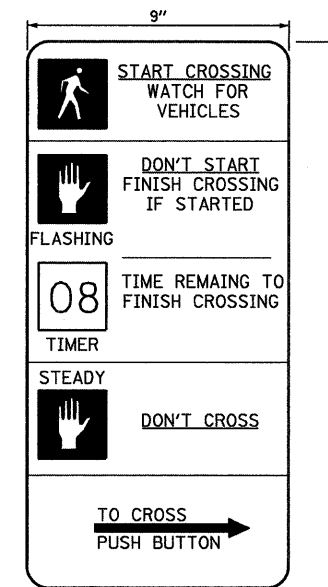
TYPE ZZ SHEETING REQUIRED  
6" D SERIES LETTERS (CITY STREET LETTERING)  
8" D SERIES LETTERS (STATE ROUTE LETTERING)  
1 SIGN REQUIRED = 15.0 SQ. FT. EACH  
= 15.0 SQ. FT. TOTAL

THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH FOURTH STREET (IL 23)



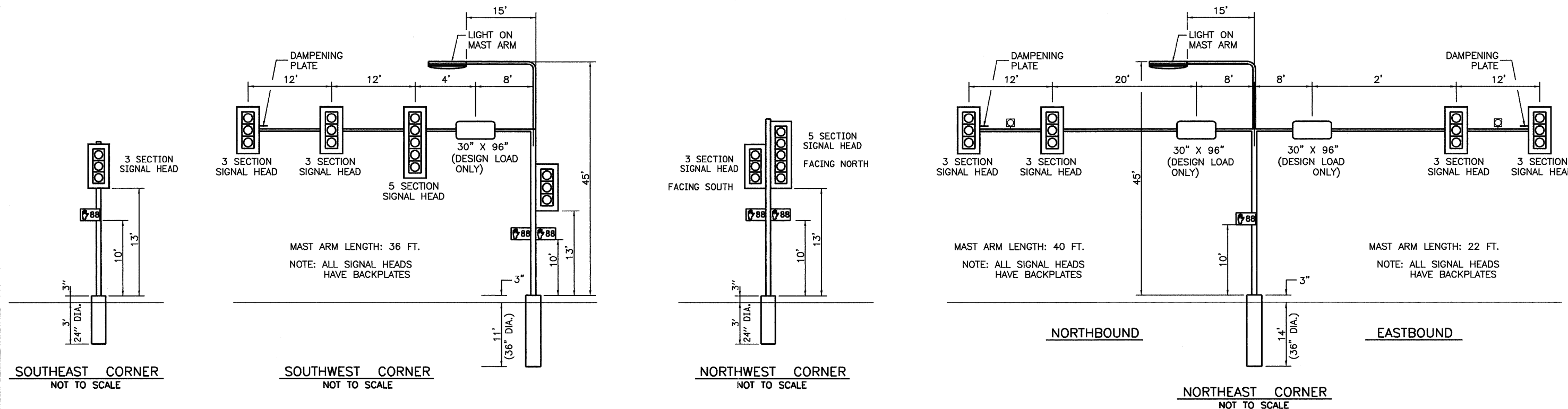
TYPE ZZ SHEETING REQUIRED  
8" D SERIES LETTERS  
2 SIGNS REQUIRED = 13.75 SQ. FT. EACH  
= 27.5 SQ. FT. TOTAL

THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH SYCAMORE STREET



R10-3E

THE CONTRACTOR SHALL SUPPLY AND MOUNT ONE SIGN WITH EACH PEDESTRIAN PUSH-BUTTON AND THIS SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON PAY ITEM.



FILE NAME = D366983-SHT-TS-DETAILS-SYCAMORE.DGN

USER NAME = --

DESIGNED - DJD

REVISED - ---

DRAWN - ARR

REVISED - ---

PLOT SCALE = 1" = 20'

CHECKED - DJD

REVISED - ---

PLOT DATE = 01/11

DATE - 01/11

REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS  
FAP 68 (IL 23)/FOURTH STREET AND SYCAMORE ROAD

SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	62
				CONTRACT NO. 66983

ILLINOIS FED. AID PROJECT

Rev.

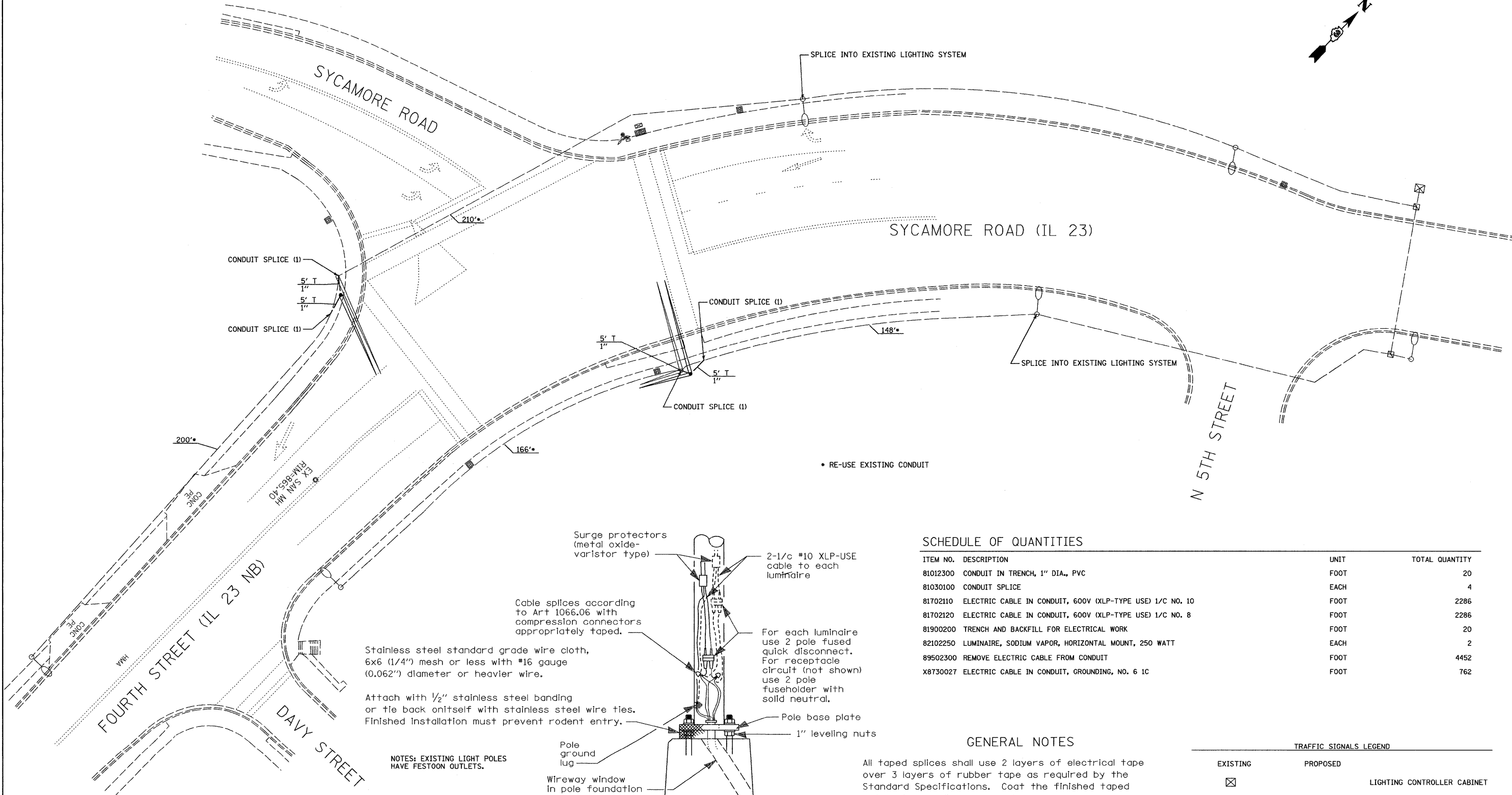
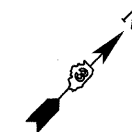
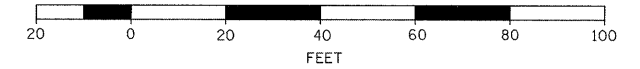


NOTES:

REMOVE EXISTING ELECTRICAL CABLE FROM CONDUIT AND REPLACE WITH

- 3 EACH 600 V (XLP-TYPE USE) 1/C NO. 8
- 3 EACH 600 V (XLP-TYPE USE) 1/C NO. 10
- 1 EACH GROUNDING, NO. 6 1C ELECTRICAL CABLES

GRAPHIC SCALE



• RE-USE EXISTING CONDUIT

SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	20
81030100	CONDUIT SPLICE	EACH	4
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	2286
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	2286
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	20
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	2
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4452
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	762

GENERAL NOTES

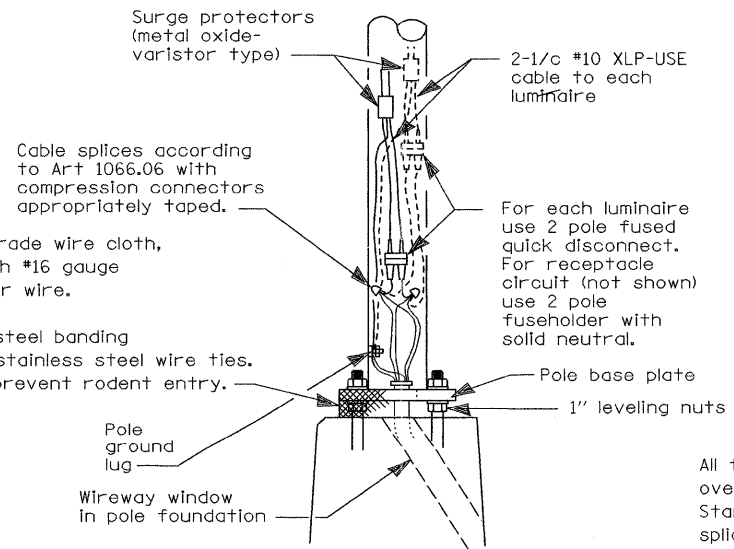
All taped splices shall use 2 layers of electrical tape over 3 layers of rubber tape as required by the Standard Specifications. Coat the finished taped splice with bonding compound.

All cable splices shall be taped unless another method has been specifically approved by the Engineer.

For example purposes the pole is shown on an anchor base. If the pole is required to be set on a breakaway base, consult the Standard Specifications.

TRAFFIC SIGNALS LEGEND

EXISTING	PROPOSED	DESCRIPTION
		LIGHTING CONTROLLER CABINET
		CONTROLLER CABINET
		CONDUIT
		COMBINATION STEEL MAST ARM
		HANDHOLE
		DOUBLE HANDHOLE



WIRING DETAIL

NO SCALE

Stainless steel standard grade wire cloth, 6x6 (1/4") mesh or less with #16 gauge (0.062") diameter or heavier wire.

Attach with 1/2" stainless steel banding or tie back on itself with stainless steel wire ties. Finished installation must prevent rodent entry.

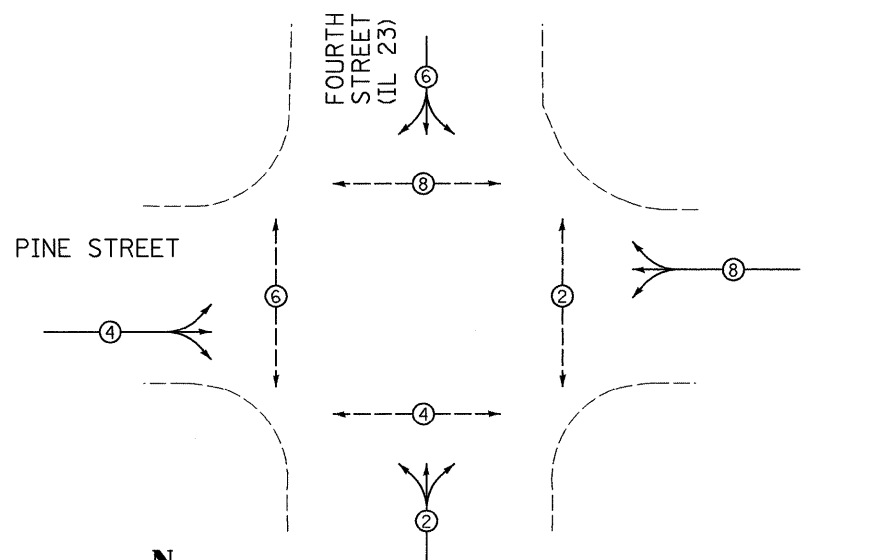
NOTES: EXISTING LIGHT POLES HAVE FESTOON OUTLETS.





**CONTROLLER SEQUENCE**

NAME OF INTERSECTION: FOURTH STREET (IL 23) AND PINE STREET  
 CONTROLLER SPECIFIED: FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE II, 8 PHASE, IN TYPE IV CABINET  
 REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED.



**LEGEND**

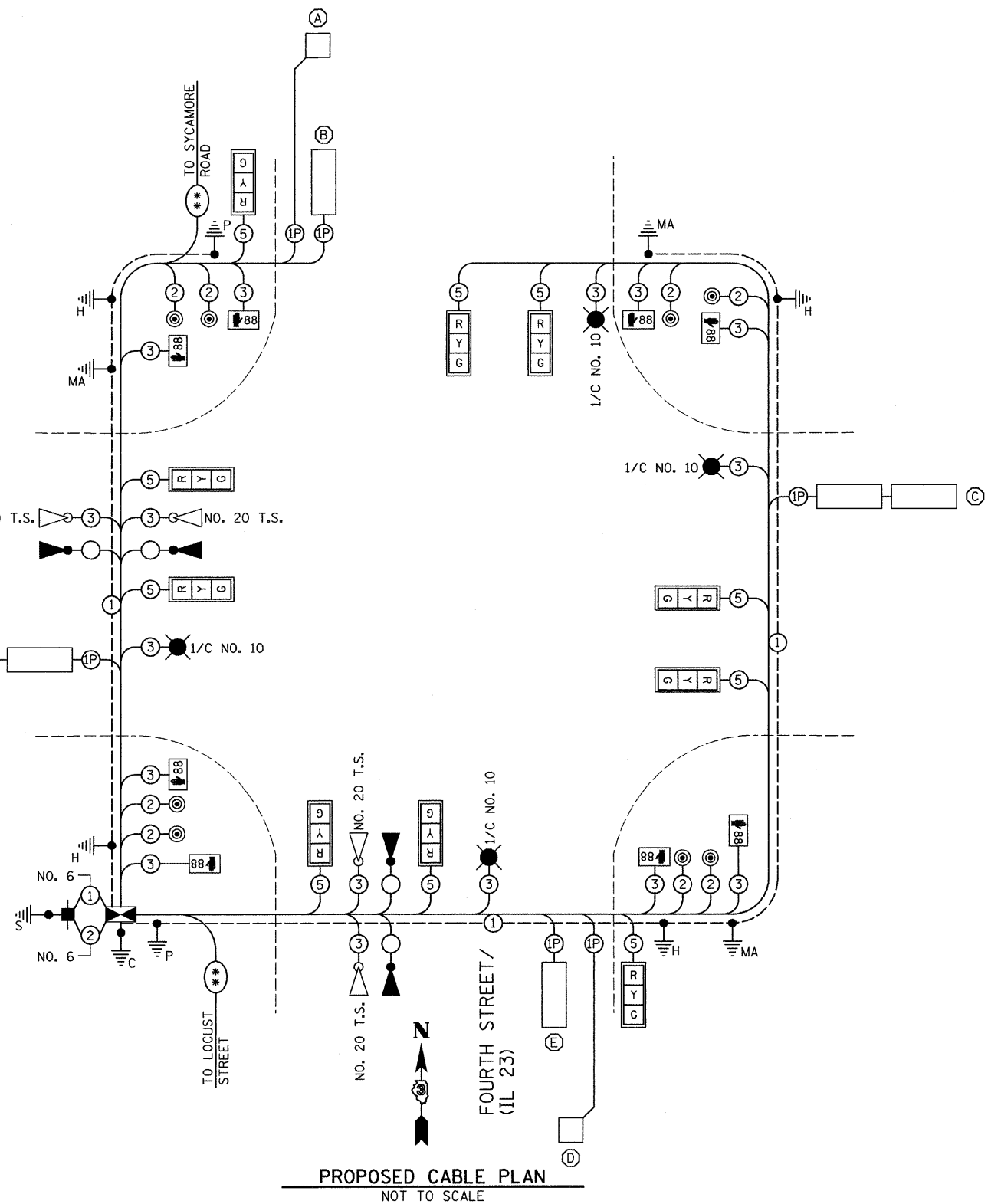
- VEHICULAR MOVEMENT
- - -●- - - PEDESTRIAN MOVEMENT
- \* NUMBER REFERS TO ASSOCIATED PHASE

**PROPOSED PLAN**  
 NOT TO SCALE

**TRAFFIC SIGNALS LEGEND**

⊙	DETNOTES NUMBER OF CONDUCTORS (NEW) ALL CABLE NO. 14 EXCEPT AS INDICATED
■	PROPOSED SERVICE INSTALLATION, TYPE B
⚡	PROPOSED CONTROLLER AND CABINET
⚡	EMERGENCY VEHICLE LIGHT DETECTOR
⚡	EMERGENCY VEHICLE CONFIRMATION BEACON
□	SIGNAL SECTION 12"
**	PROPOSED INTERCONNECT CABLE AND TRACER
88	PROPOSED WALK/DONT WALK COUNTDOWN SECTION
□	TRAFFIC SIGNAL BACKPLATE
①	GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)
⚡	GROUND ROD AT POST (P) OR MAST ARM (MA) OR CONTROLLER (C) OR SERVICE INSTALLATION (S) OR HANDHOLE (H)
●	250 WATT HPS LUMINAIRE
⊙	PEDESTRIAN PUSH BUTTON
⊙	DENOTES DETECTOR LOOP SYSTEM
□	VEHICLE DETECTOR, INDUCTION LOOP

PINE STREET



**PROPOSED CABLE PLAN**  
 NOT TO SCALE

FILE NAME = 0366983-SHT-TS-CABLE-RT23-PINE.DGN

USER NAME = --  
 PLOT SCALE = 1" = 20'  
 PLOT DATE = 01/11

DESIGNED - DJD  
 DRAWN - ARR  
 CHECKED - DJD  
 DATE - 01/11

REVISED - ---  
 REVISED - ---  
 REVISED - ---  
 REVISED - ---

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL CABLE PLAN  
 FAP 68 (IL 23)/FOURTH STREET AND PINE STREET**

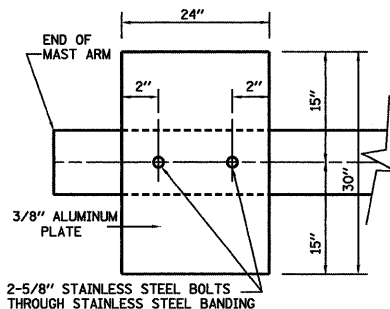
SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (20)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 66
				CONTRACT NO. 66983
ILLINOIS FED. AID PROJECT				

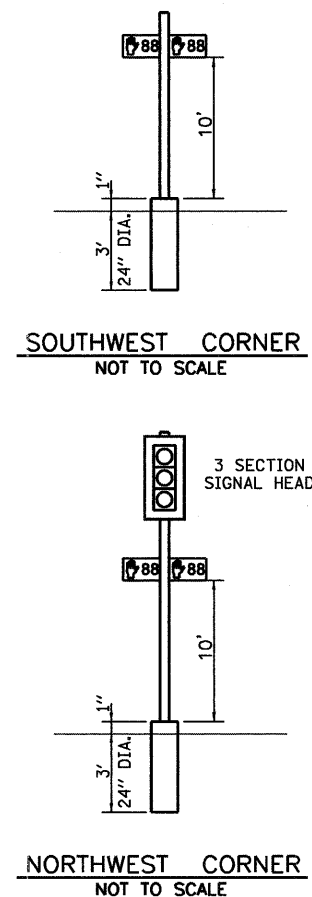
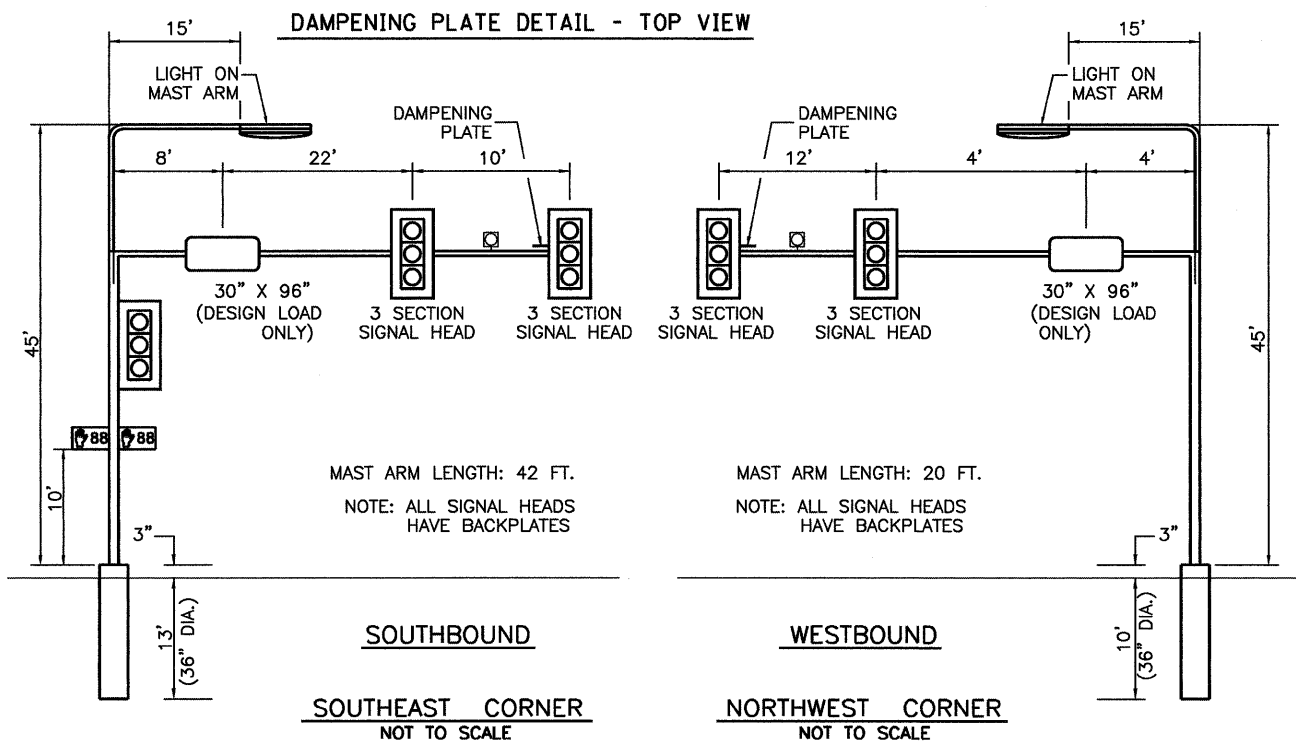
DETECTOR LOOP INDUCTANCE CHART						
DETECTOR LOOP SYSTEM	Ø	LOCATION	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	6	SB FAR	5	255	38226	ON
B	6	SB THRU	4	286	36054	OFF
C	8	WB	4	470	28148	ON
D	2	NB FAR	5	255	38226	ON
E	2	NB THRU	4	286	36068	OFF
F	4	EB	4	429	29431	ON

J PIN STATUS: "ON" MEANS STANDARD DETECTOR SETUP. "OFF" MEANS J WIRE HAS BEEN DISCONNECTED. BUT INTACT, AT THE HARNESS PANEL WITH THE NECESSARY NOTE:

DAMPENING DEVICE SHALL CONSIST OF A 24" X 30" TYPE 1, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 30" LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE IS INCLUDED IN THE MAST ARM PAY ITEM.

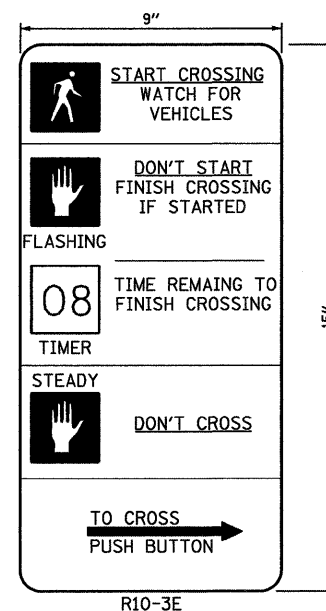


DAMPENING PLATE DETAIL - TOP VIEW



ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
FOURTH STREET (IL 23)	RED	6	10	58
	YELLOW	6	22	4
	GREEN	6	12	38
	88	4	6	100
	88	4	5	13
PINE STREET	RED	4	10	75
	YELLOW	4	22	4
	GREEN	4	12	21
	88	4	6	100
	88	4	5	13
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100
	VEHICLE DETECTORS	2	4	100
	EMERGENCY VEHICLE PREEMPT	4	--	--
	LIGHTING	LUMINAIRE	4	250

AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES: CITY OF DEKALB

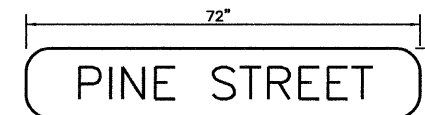


THE CONTRACTOR SHALL SUPPLY AND MOUNT ONE SIGN WITH EACH PEDESTRIAN PUSH-BUTTON AND THIS SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON PAY ITEM.



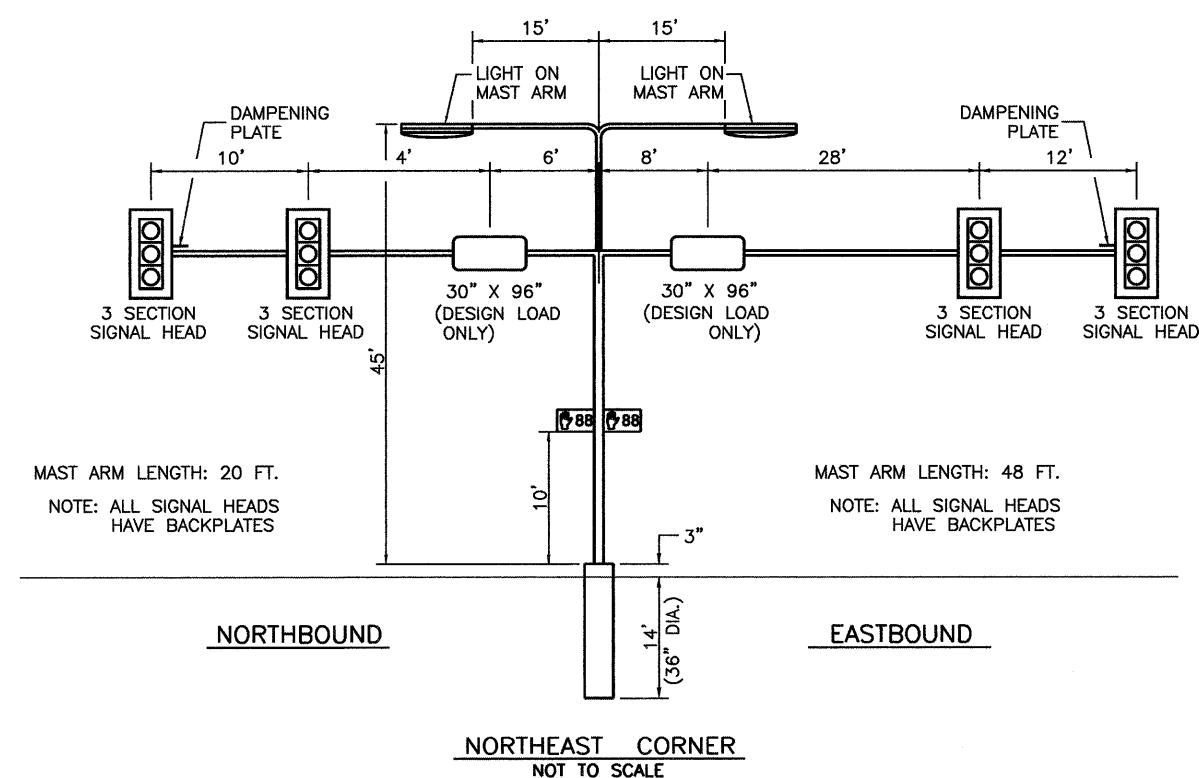
TYPE ZZ SHEETING REQUIRED  
6" D SERIES LETTERS (CITY STREET LETTERING)  
8" D SERIES LETTERS (STATE ROUTE LETTERING)  
2 SIGNS REQUIRED = 15.0 SQ. FT. EACH  
= 30.0 SQ. FT. TOTAL

THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH FOURTH STREET (IL 23)



TYPE ZZ SHEETING REQUIRED  
8" D SERIES LETTERS  
2 SIGNS REQUIRED = 9.0 SQ. FT. EACH  
= 18.0 SQ. FT. TOTAL

THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH PINE STREET



FILE NAME = 0366983-SHT-TS-DETAILS-PINE.DGN

USER NAME = --

DESIGNED - DJD

REVISED - ---

PLOT SCALE = 1" = 20'

DRAWN - ARR

REVISED - ---

PLOT DATE = 01/11

CHECKED - DJD

REVISED - ---

DATE - 01/11

REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS  
FAP 68 (IL 23)/FOURTH STREET AND PINE STREET

SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(20)N, TS & I	DEKALB	120	67

CONTRACT NO. 66983

ILLINOIS FED. AID PROJECT



**Illinois Department of Transportation**  
Division of Highways  
ILLINOIS DEPARTMENT OF TRANSPORTATION

## SOIL BORING LOG

Page 1 of 1

Date 9/28/10

ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & Pine Street in Dekalb LOGGED BY Larry Myers  
SECTION (28)N, TS & I LOCATION NW 1/4, SEC. 23, TWP. 40N, RNG. 4E  
COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O S T	Surface Water Elev. Stream Bed Elev.	ft ft	Groundwater Elev.: First Encounter Upon Completion After Hrs.	ft ft ft
Augered Black Silty Clay Loam Fill								
					860.49			
Very Stiff Black & Brown Silty Clay/Silty Clay Loam Fill		3	2.0	18.6				
		4	P					
					876.49			
Stiff Light Brown Silty Loam/Silt		3	1.5	16.9				
		4	P					
					875.99			
Stiff to Very Stiff Light Reddish Brown Silty Clay Loam Till		3						
		4	1.5	15.5				
		3	P					
					-10			
		3						
		4	2.1	13.7				
		3	B					
					4			
		5	2.3	13.2				
		5	B					
					-15			
		4	2.6	14.1				
		8	B					
End of Boring					868.49			
					-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)



**Illinois Department of Transportation**  
Division of Highways  
ILLINOIS DEPARTMENT OF TRANSPORTATION

## SOIL BORING LOG

Page 1 of 1

Date 10/12/10

ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & Pine Street in Dekalb LOGGED BY Larry Myers  
SECTION (28)N, TS & I LOCATION NW 1/4, SEC. 23, TWP. 40N, RNG. 4E  
COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O S T	Surface Water Elev. Stream Bed Elev.	ft ft	Groundwater Elev.: First Encounter Upon Completion After Hrs.	ft ft ft	D E P T H	B L O W S	U C S Qu	M O S T
Augered Black Silty Clay Loam, Brown Silty Clay Loam Fill												
					881.25							
Stiff to Very Stiff Brown Silty Clay Loess		5										
		4	2.0	27.3								
		4	P									
					879.25							
Stiff to Very Stiff Brown Silty Clay Loam Till		4										
		4	2.0	14.9								
		3	P									
					3							
					3	2.1	13.0					
					4	B						
					-10							
		4										
		4	3.6	14.4								
		5	B									
					871.25							
Very Stiff to Hard Brownish Gray Silty Clay Loam Till		5										
		7	4.3	12.9								
		10	S									
					-15							
		4										
		5	4.1	12.7								
		7	S									
					886.75							
Very Stiff Gray Silty Clay Loam Till		3										
		3	3.4	12.9								
		4	B									
					-20							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)

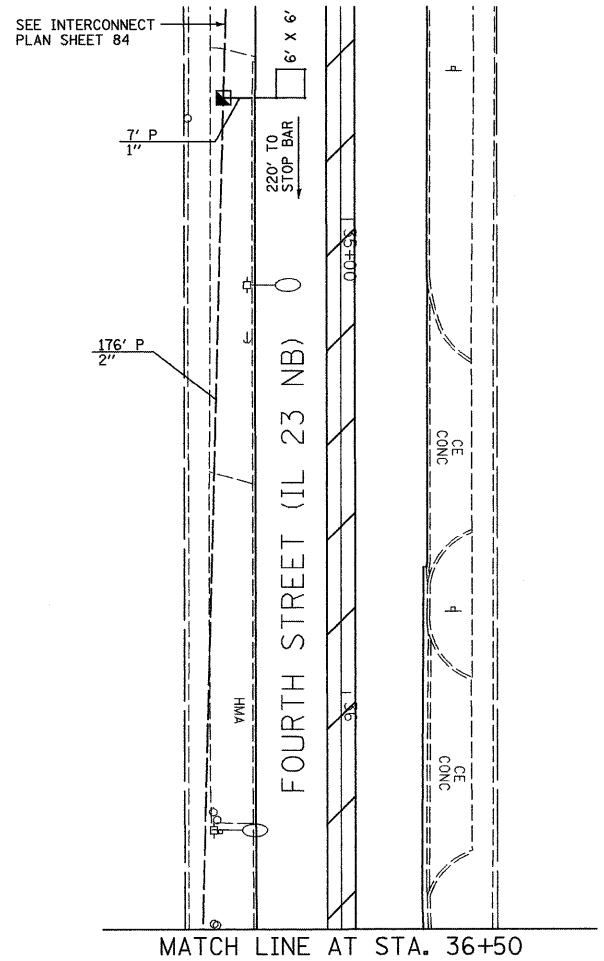
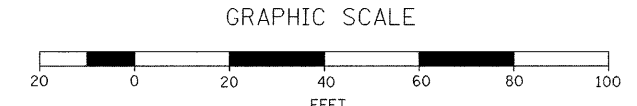
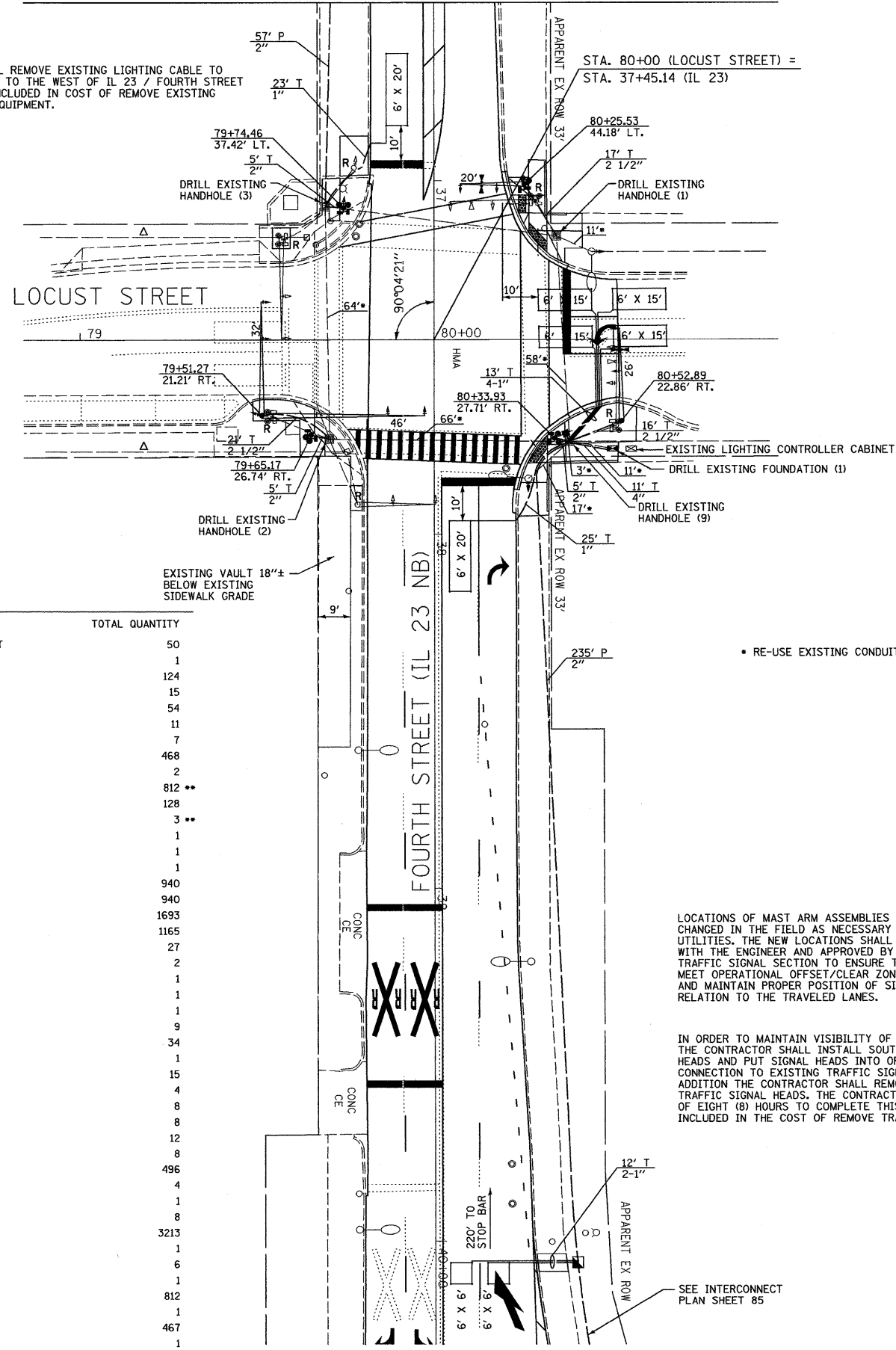
**CONSTRUCTION NOTES:**

- REMOVE AND REPLACE CONTROLLER AND CABINET ON EXISTING FOUNDATION.
  - INSTALL UNINTERRUPTABLE POWER SUPPLY.
  - REMOVE EXISTING TRAFFIC SIGNAL POST AND COMBINATION MAST ARM AND POLE ON THE NORTHWEST CORNER AND REPLACE WITH A TRAFFIC SIGNAL POST ON NEW FOUNDATION AS SHOWN.
  - REMOVE AND REPLACE EXISTING MAST ARM AND POLE ON THE NORTHEAST CORNER ON NEW FOUNDATION AS SHOWN.
  - REMOVE AND REPLACE EXISTING TRAFFIC SIGNAL HEADS MOUNTED ON EXISTING LIGHT POLES ON THE NORTHEAST AND SOUTHEAST CORNERS AS SHOWN.
  - REMOVE EXISTING MAST ARM AND POLE ON THE SOUTHWEST CORNER AND REPLACE WITH PEDESTRIAN SIGNAL POST AND COMBINATION MAST ARM AND POLE ON NEW FOUNDATIONS AS SHOWN.
  - REMOVE EXISTING TRAFFIC SIGNAL POST AND COMBINATION MAST ARM AND POLE ON SOUTHWEST CORNER AND REPLACE WITH PEDESTRIAN SIGNAL POST AND TWO(2) COMBINATION MAST ARMS AND POLES ON NEW FOUNDATIONS AS SHOWN.
  - REMOVE AND REPLACE CABLE IN EXISTING CONDUIT WHERE SHOWN.
  - INSTALL NEW CONDUIT AND CABLE WHERE NOTED.
  - EXISTING HANDHOLES SHALL BE UTILIZED AS SHOWN.
  - EXISTING FOUNDATIONS SHALL BE REMOVED AS SHOWN.
  - INSTALL NEW EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENT ON PROPOSED TRAFFIC SIGNAL STRUCTURES AS SHOWN.
  - REMOVE AND REPLACE EXISTING SERVICE INSTALLATION ON EXISTING POLE AS SHOWN.
  - REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
    - 1 EACH - CONTROLLER CABINET W/ALL CONTENTS
    - 2 EACH - TRAFFIC SIGNAL POST
    - 2 EACH - MAST ARM AND POLE
    - 2 EACH - COMBINATION MAST ARM AND POLE
    - 4 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
    - 8 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
    - 8 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
    - 4 EACH - EMERGENCY VEHICLE PRIORITY SYSTEM
    - 1 EACH - SERVICE INSTALLATION
- \*\* NOTE - LIGHTING AT SE CORNERS IS 90% FED/10% STATE FUNDS  
ALL OTHER LIGHTING IS 100% CITY COST

**SCHEDULE OF QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
72000200	SIGN PANEL - TYPE 2	SQ FT	50
80500200	SERVICE INSTALLATION, TYPE B	EACH	1
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	124
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	15
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	54
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	11
81021300	CONDUIT PUSHED, 1" DIA., PVC	FOOT	7
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	468
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	812 **
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	128
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	3 **
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	940
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	940
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1693
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1165
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	27
87502270	TRAFFIC SIGNAL POST, PAINTED STEEL 12 FT.	EACH	2
87502310	TRAFFIC SIGNAL POST, PAINTED STEEL 16 FT.	EACH	1
87704030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT. (SPECIAL)	EACH	1
87704060	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT. (SPECIAL)	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	34
87900100	DRILL EXISTING FOUNDATION	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	15
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12
88500100	INDUCTIVE LOOP DETECTOR	EACH	8
88600100	DETECTOR LOOP, TYPE I	FOOT	496
88700200	LIGHT DETECTOR	EACH	4
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3213
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	812
X8860100	LOOP DETECTOR TESTING	EACH	1
*3002214	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 20 3/C	FOOT	467
*3002218	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL ARMS, 32 FT. AND 46 FT.	EACH	1

MATCH LINE AT STA. 36+50



LOCATIONS OF MAST ARM ASSEMBLIES MAY BE CHANGED IN THE FIELD AS NECESSARY TO AVOID UTILITIES. THE NEW LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER AND APPROVED BY THE DISTRICT TRAFFIC SIGNAL SECTION TO ENSURE THE NEW LOCATIONS MEET OPERATIONAL OFFSET/CLEAR ZONE REQUIREMENTS AND MAINTAIN PROPER POSITION OF SIGNAL HEADS IN RELATION TO THE TRAVELED LANES.

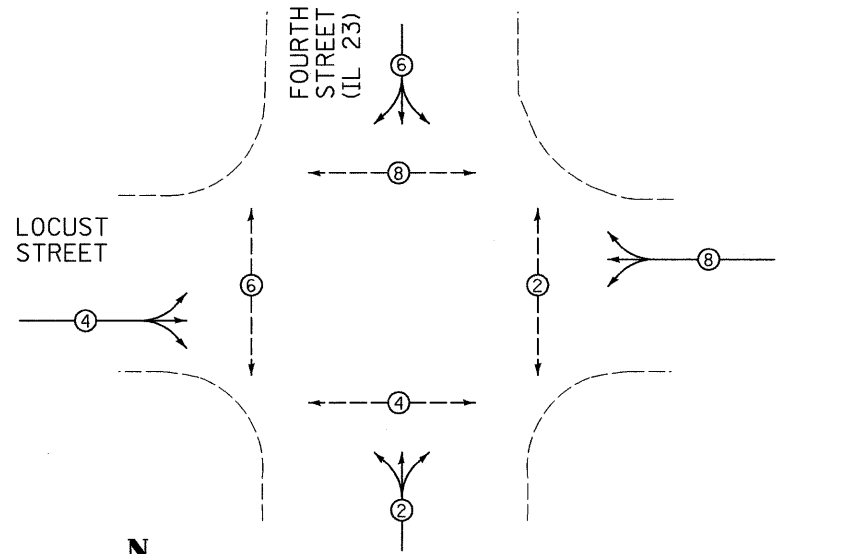
IN ORDER TO MAINTAIN VISIBILITY OF SOUTHBOUND TRAFFIC SIGNALS, THE CONTRACTOR SHALL INSTALL SOUTHBOUND MAST ARM AND SIGNAL HEADS AND PUT SIGNAL HEADS INTO OPERATION BY MAKING A TEMPORARY CONNECTION TO EXISTING TRAFFIC SIGNAL CONTROLLER CABINET. IN ADDITION THE CONTRACTOR SHALL REMOVE THE EXISTING SOUTHBOUND TRAFFIC SIGNAL HEADS. THE CONTRACTOR WILL BE ALLOWED A MAXIMUM OF EIGHT (8) HOURS TO COMPLETE THIS WORK. THIS WORK WILL BE INCLUDED IN THE COST OF REMOVE TRAFFIC SIGNAL EQUIPMENT.

**TRAFFIC SIGNALS LEGEND**

EXISTING	PROPOSED	DESCRIPTION
		CONTROLLER CABINET
		SERVICE INSTALLATION
		CONDUIT
		SIGNAL HEAD WITH BACKPLATE
		STEEL MAST ARM
		COMBINATION STEEL MAST ARM
		TRAFFIC SIGNAL POST
		HANDHOLE
		DOUBLE HANDHOLE
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSH BUTTON
		LIGHT DETECTOR W/CONFIRMATION BEACON

**CONTROLLER SEQUENCE**

NAME OF INTERSECTION: FOURTH STREET (IL 23) AND LOCUST STREET  
 CONTROLLER SPECIFIED: FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE II, 8 PHASE, IN TYPE IV CABINET  
 REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED.

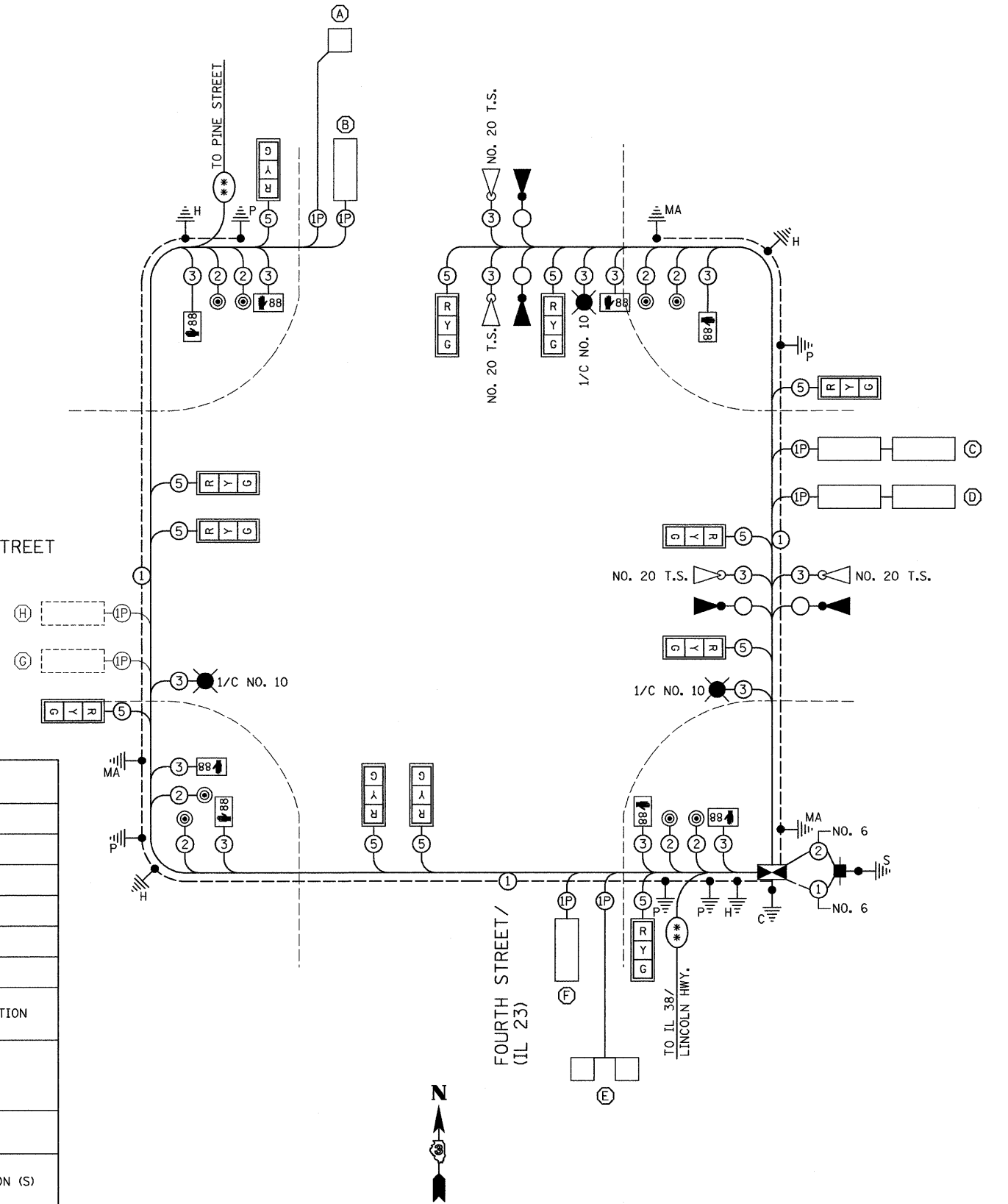


**LEGEND**

—●— VEHICULAR MOVEMENT  
 - - -●- - PEDESTRIAN MOVEMENT  
 \* NUMBER REFERS TO ASSOCIATED PHASE

**PROPOSED PLAN**  
 NOT TO SCALE

LOCUST STREET



**PROPOSED CABLE PLAN**  
 NOT TO SCALE

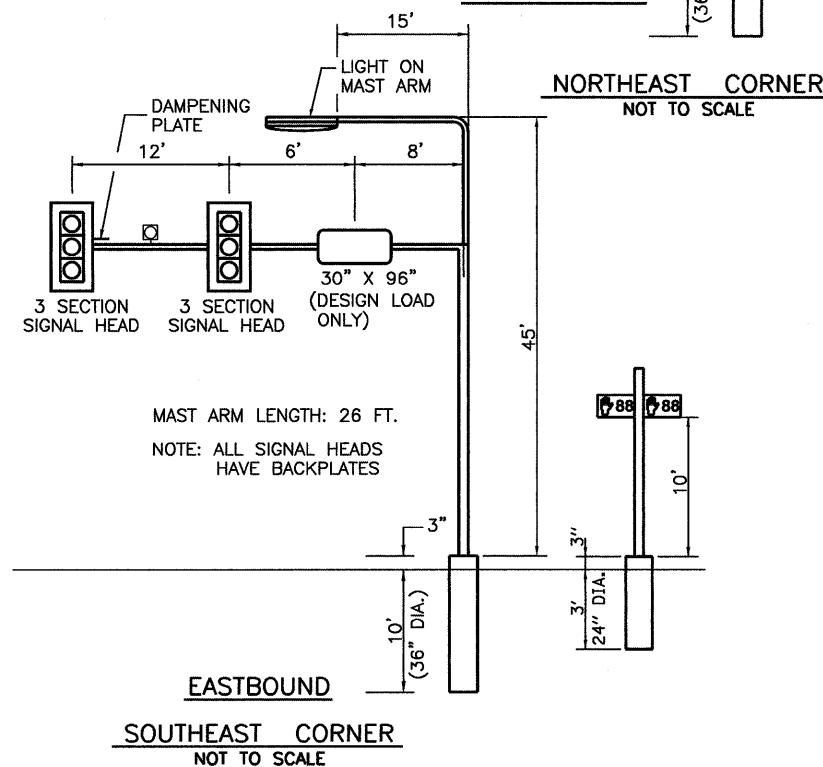
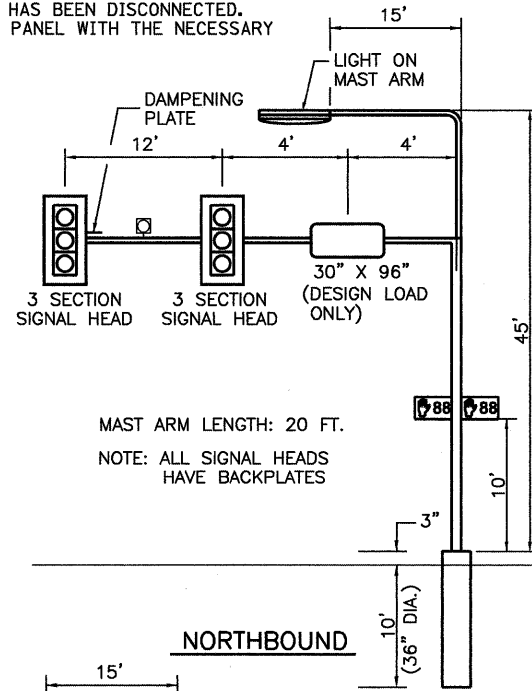
**TRAFFIC SIGNALS LEGEND**

●	DETNOTES NUMBER OF CONDUCTORS (NEW) ALL CABLE NO. 14 EXCEPT AS INDICATED
■	PROPOSED SERVICE INSTALLATION, TYPE B
⊠	PROPOSED CONTROLLER AND CABINET
⊡	EMERGENCY VEHICLE LIGHT DETECTOR
⊢	EMERGENCY VEHICLE CONFIRMATION BEACON
□	SIGNAL SECTION 12"
**	PROPOSED INTERCONNECT CABLE AND TRACER
88	PROPOSED WALK/DONT WALK COUNTDOWN SECTION
⊞	TRAFFIC SIGNAL BACKPLATE
①	GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)
⊥	GROUND ROD AT POST (P) OR MAST ARM (MA) OR CONTROLLER (C) OR SERVICE INSTALLATION (S) OR HANDHOLE (H)
⊙	250 WATT HPS LUMINAIRE
⊙	PEDESTRIAN PUSH BUTTON
⊞	DENOTES DETECTOR LOOP SYSTEM
⊞	EXISTING VEHICLE DETECTOR, INDUCTION LOOP
⊞	VEHICLE DETECTOR, INDUCTION LOOP

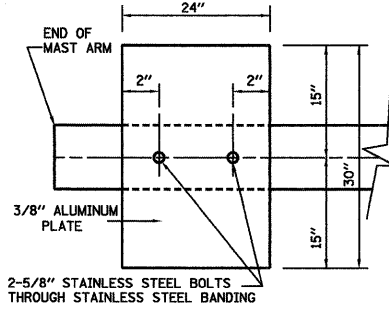
DETECTOR LOOP INDUCTANCE CHART

DETECTOR LOOP SYSTEM	Ø	LOCATION	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	6	SB FAR	5	268	37287	ON
B	6	SB THRU	4	300	35185	OFF
C	8	WB THRU	4	443	28982	ON
D	8	WB LT	4	438	29156	ON
E	2	NB FAR	5	843	21010	ON
F	2	NB THRU	4	272	36990	OFF
G	4	EB THRU	4	284	36207	ON
H	4	EB LT	4	286	36040	ON

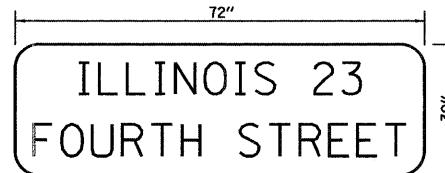
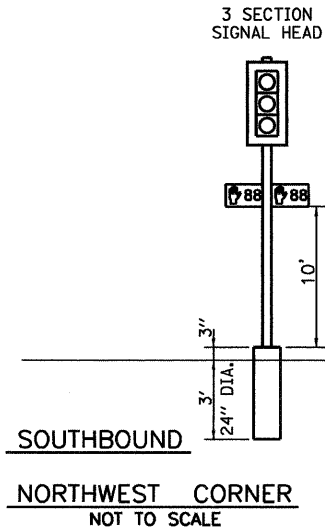
J PIN STATUS: "ON" MEANS STANDARD DETECTOR SETUP. "OFF" MEANS J WIRE HAS BEEN DISCONNECTED, BUT INTACT, AT THE HARNESS PANEL WITH THE NECESSARY



NOTE:  
DAMPENING DEVICE SHALL CONSIST OF A 24" X 30" TYPE 1, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 30" LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE IS INCLUDED IN THE MAST ARM PAY ITEM.

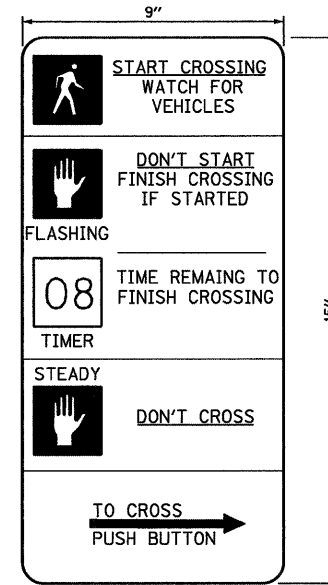


DAMPENING PLATE DETAIL - TOP VIEW



TYPE ZZ SHEETING REQUIRED  
6" D SERIES LETTERS (CITY STREET LETTERING)  
8" D SERIES LETTERS (STATE ROUTE LETTERING)  
2 SIGNS REQUIRED = 15.0 SQ. FT. EACH  
= 30.0 SQ. FT. TOTAL

THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH FOURTH STREET (IL 23)

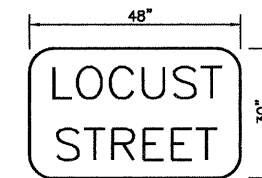


THE CONTRACTOR SHALL SUPPLY AND MOUNT ONE SIGN WITH EACH PEDESTRIAN PUSH-BUTTON AND THIS SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON PAY ITEM.

ELECTRICAL LOAD FOR INTERSECTION

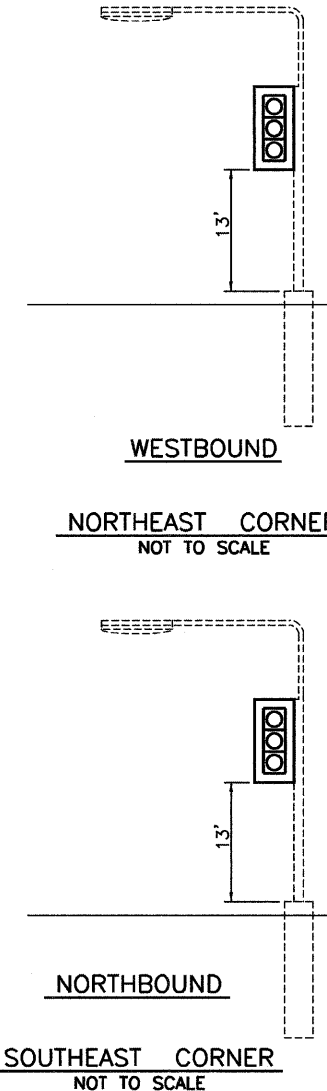
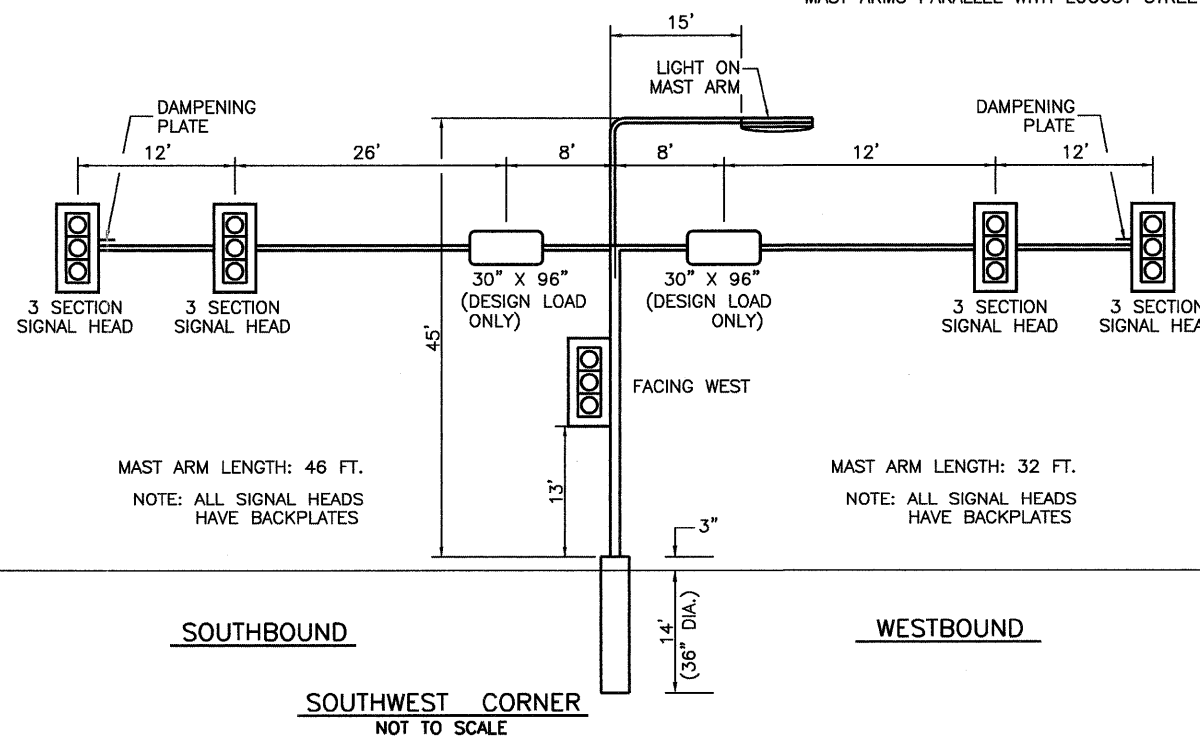
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
FOURTH STREET (IL 23)	RED	6	10	58
	YELLOW	6	22	4
	GREEN	6	12	38
	88	4	6	100
	88	4	5	13
LOCUST STREET	RED	6	10	75
	YELLOW	6	22	4
	GREEN	6	12	21
	88	4	6	100
	88	4	5	13
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100
	VEHICLE DETECTORS	4	4	100
	EMERGENCY VEHICLE PREEMPT	4	--	--
	LIGHTING	LUMINAIRE	3	250

AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES:  
CITY OF DEKALB



TYPE ZZ SHEETING REQUIRED  
8" D SERIES LETTERS  
2 SIGNS REQUIRED = 10.0 SQ. FT. EACH  
= 20.0 SQ. FT. TOTAL

THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH LOCUST STREET







**CONSTRUCTION NOTES:**

- MODIFY EXISTING TRAFFIC SIGNAL AND MASTER HORN CONTROLLERS AND CABINET ON EXISTING FOUNDATION.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- REMOVE AND REPLACE EXISTING TRAFFIC SIGNAL POST ON NORTHEAST CORNER, NORTH OF RAILROAD ON NEW FOUNDATION AS SHOWN.
- REMOVE AND REPLACE TRAFFIC SIGNAL HEADS AND REMOVE AND REPLACE SOUTH FACING PEDESTRIAN SIGNAL HEAD ON EXISTING MAST ARM ASSEMBLY IN NORTHEAST CORNER, NORTH OF RAILROAD AS SHOWN.
- REMOVE AND REPLACE EXISTING COMBINATION MAST ARM AND POLE ON NORTHEAST CORNER, SOUTH OF RAILROAD ON EXISTING FOUNDATION AS SHOWN.
- REMOVE AND REPLACE COMBINATION MAST ARM AND POLE ON SOUTHEAST CORNER ON NEW FOUNDATION AS SHOWN.
- REMOVE AND REPLACE EXISTING HANDHOLE ON SOUTHEAST CORNER AS SHOWN.
- REMOVE AND REPLACE EXISTING TRAFFIC SIGNAL POST ON NEW FOUNDATION ON SOUTHEAST CORNER AS SHOWN.
- REMOVE AND REPLACE EXISTING PEDESTRIAN SIGNAL HEADS ON SOUTHEAST CORNER MOUNTED ON EXISTING LIGHT POLE AS SHOWN.
- REMOVE AND REPLACE EXISTING COMBINATION MAST ARM AND POLE ON SOUTHWEST CORNER, SOUTH OF RAILROAD ON NEW FOUNDATION AS SHOWN.
- REMOVE AND REPLACE EXISTING MAST ARM AND POLE ON SOUTHWEST CORNER, NORTH OF RAILROAD ON EXISTING FOUNDATIONS AS SHOWN.
- REMOVE AND REPLACE EXISTING COMBINATION MAST ARM AND POLE ON NORTHWEST CORNER ON NEW FOUNDATION AS SHOWN.
- INSTALL PEDESTRIAN SIGNAL HEAD ON NEW TRAFFIC SIGNAL POST ON NORTHWEST CORNER ON NEW FOUNDATION AS SHOWN.
- REMOVE AND REPLACE EXISTING TRAFFIC SIGNAL POST ON NORTHWEST CORNER ON NEW FOUNDATION AS SHOWN.
- REMOVE 2 EXISTING HANDHOLES AND INSTALL 1 NEW HANDHOLE ON NORTHWEST CORNER AS SHOWN.
- RELOCATE ALL RAILROAD CONFIRMATION SIGNALS, WAYSIDE HORNS, CABINETS AND RAILROAD WARNING SIGNAGE ONTO PROPOSED TRAFFIC SIGNAL STRUCTURES AS DIRECTED BY ENGINEER.
- REMOVE AND REPLACE CABLE IN EXISTING CONDUIT WHERE SHOWN.
- INSTALL NEW CABLE AND CONDUIT WHERE SHOWN.
- EXISTING HANDHOLES SHALL BE UTILIZED AS SHOWN.
- EXISTING FOUNDATIONS SHALL BE REMOVED AS SHOWN.
- EXISTING SERVICE INSTALLATION AND CABLE SHALL BE RE-UTILIZED.
- INSTALL NEW EMERGENCY VEHICLE PRIORITY SYSTEM ON PROPOSED TRAFFIC SIGNAL STRUCTURES AS SHOWN.
- PAINT EXISTING TRAFFIC SIGNAL CONTROLLER CABINET.

**SCHEDULE OF QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
72000200	SIGN PANEL - TYPE 2	SQ FT	60
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	91
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	101
81021340	CONDUIT PUSHED, 2 1/2" DIA., PVC	FOOT	24
81021370	CONDUIT PUSHED, 4" DIA., PVC	FOOT	401
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3132
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	192
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	5
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
87301215	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	412
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1853
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3589
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	594
87502270	TRAFFIC SIGNAL POST, PAINTED STEEL 12 FT.	EACH	2
87502310	TRAFFIC SIGNAL POST, PAINTED STEEL 16 FT.	EACH	1
87502330	TRAFFIC SIGNAL POST, PAINTED STEEL 18 FT.	EACH	2
87701130	STEEL MAST ARM ASSEMBLY AND POLE 18 FT. (SPECIAL)	EACH	1
87704010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16 FT. (SPECIAL)	EACH	1
87704080	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT. (SPECIAL)	EACH	1
87704110	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT. (SPECIAL)	EACH	1
87704184	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT. (SPECIAL)	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	15
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	37
87900200	DRILL EXISTING HANDHOLE	EACH	10
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
88102810	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	8
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	17
88700200	LIGHT DETECTOR	EACH	4
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
89502210	MODIFY EXISTING CONTROLLER AND CABINET	EACH	2
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	6591
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
<del>89502385</del>	<del>ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C</del>	<del>FOOT</del>	<del>986</del>
X8808118	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
X8808120	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
X8808121	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
*3002181	RELOCATE EXISTING RAILROAD WAYSIDE HORN	EACH	4
*3002182	RELOCATE EXISTING RAILROAD WAYSIDE HORN CABINET	EACH	4
*3002183	RELOCATE EXISTING DUAL RAILROAD CONFIRMATION SIGNAL	EACH	1
*3002184	ELECTRICAL CABLE IN CONDUIT, NO. 16 2C TWISTED PAIR	FOOT	1223
*3002185	ELECTRICAL CABLE IN CONDUIT, NO. 16 10C	FOOT	1179
*3002214	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 20 3/C	FOOT	817

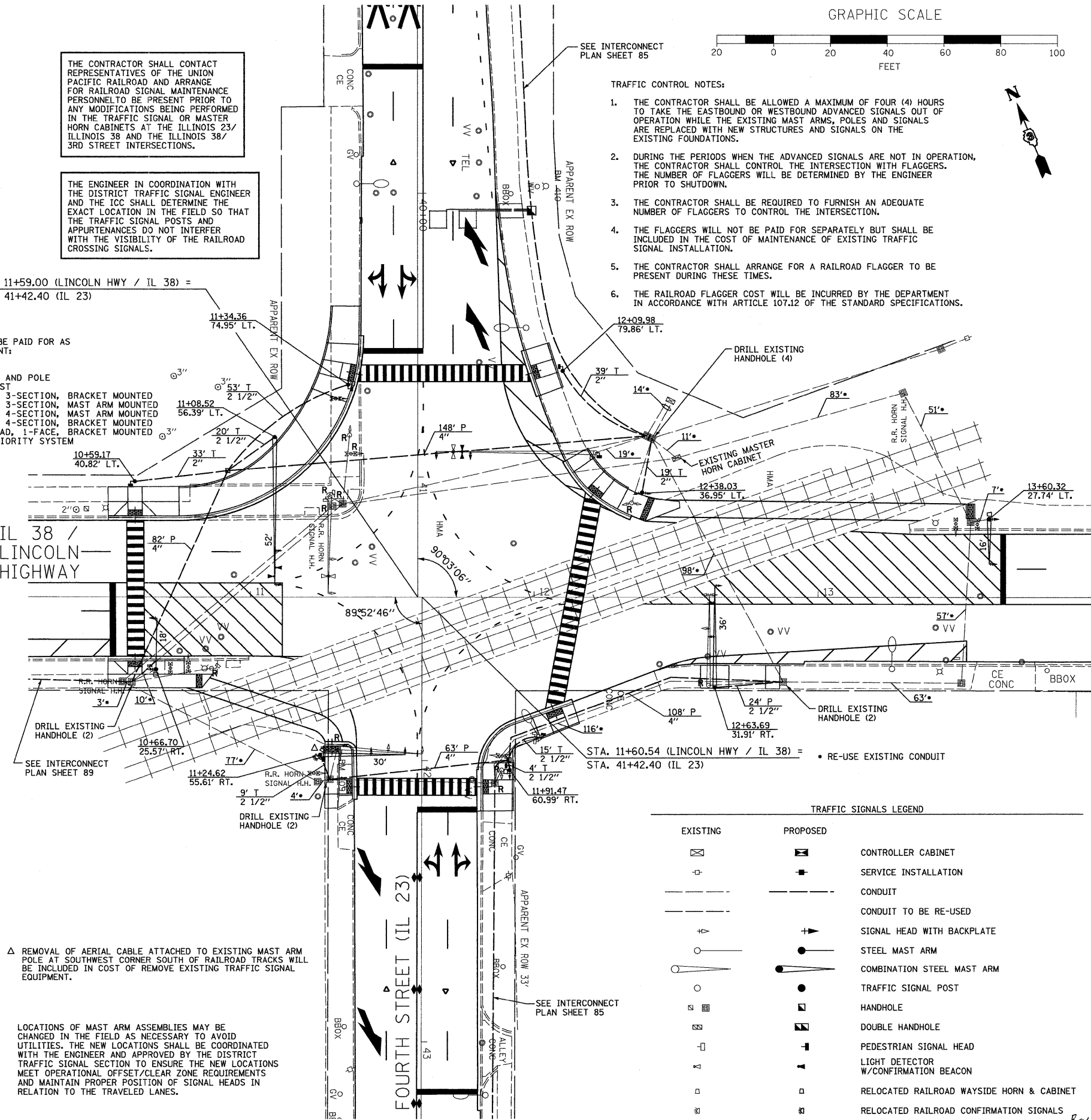
THE CONTRACTOR SHALL CONTACT REPRESENTATIVES OF THE UNION PACIFIC RAILROAD AND ARRANGE FOR RAILROAD SIGNAL MAINTENANCE PERSONNEL TO BE PRESENT PRIOR TO ANY MODIFICATIONS BEING PERFORMED IN THE TRAFFIC SIGNAL OR MASTER HORN CABINETS AT THE ILLINOIS 23/ ILLINOIS 38 AND THE ILLINOIS 38/ 3RD STREET INTERSECTIONS.

THE ENGINEER IN COORDINATION WITH THE DISTRICT TRAFFIC SIGNAL ENGINEER AND THE ICC SHALL DETERMINE THE EXACT LOCATION IN THE FIELD SO THAT THE TRAFFIC SIGNAL POSTS AND APPURTENANCES DO NOT INTERFERE WITH THE VISIBILITY OF THE RAILROAD CROSSING SIGNALS.

REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:  
 3 EACH - TRAFFIC SIGNAL POST  
 1 EACH - MAST ARM AND POLE  
 4 EACH - COMBINATION MAST ARM AND POLE  
 1 EACH - PEDESTRIAN SIGNAL POST  
 5 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED  
 10 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED  
 1 EACH - SIGNAL HEAD, 1-FACE, 4-SECTION, MAST ARM MOUNTED  
 1 EACH - SIGNAL HEAD, 1-FACE, 4-SECTION, BRACKET MOUNTED  
 8 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED  
 4 EACH - EMERGENCY VEHICLE PRIORITY SYSTEM

STA. 11+59.00 (LINCOLN HWY / IL 38) =  
 STA. 41+42.40 (IL 23)

IL 38 / LINCOLN HIGHWAY



- TRAFFIC CONTROL NOTES:**
- THE CONTRACTOR SHALL BE ALLOWED A MAXIMUM OF FOUR (4) HOURS TO TAKE THE EASTBOUND OR WESTBOUND ADVANCED SIGNALS OUT OF OPERATION WHILE THE EXISTING MAST ARMS, POLES AND SIGNALS ARE REPLACED WITH NEW STRUCTURES AND SIGNALS ON THE EXISTING FOUNDATIONS.
  - DURING THE PERIODS WHEN THE ADVANCED SIGNALS ARE NOT IN OPERATION, THE CONTRACTOR SHALL CONTROL THE INTERSECTION WITH FLAGGERS. THE NUMBER OF FLAGGERS WILL BE DETERMINED BY THE ENGINEER PRIOR TO SHUTDOWN.
  - THE CONTRACTOR SHALL BE REQUIRED TO FURNISH AN ADEQUATE NUMBER OF FLAGGERS TO CONTROL THE INTERSECTION.
  - THE FLAGGERS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION.
  - THE CONTRACTOR SHALL ARRANGE FOR A RAILROAD FLAGGER TO BE PRESENT DURING THESE TIMES.
  - THE RAILROAD FLAGGER COST WILL BE INCURRED BY THE DEPARTMENT IN ACCORDANCE WITH ARTICLE 107.12 OF THE STANDARD SPECIFICATIONS.

**TRAFFIC SIGNALS LEGEND**

EXISTING	PROPOSED	DESCRIPTION
[Symbol]	[Symbol]	CONTROLLER CABINET
[Symbol]	[Symbol]	SERVICE INSTALLATION
[Symbol]	[Symbol]	CONDUIT
[Symbol]	[Symbol]	CONDUIT TO BE RE-USED
[Symbol]	[Symbol]	SIGNAL HEAD WITH BACKPLATE
[Symbol]	[Symbol]	STEEL MAST ARM
[Symbol]	[Symbol]	COMBINATION STEEL MAST ARM
[Symbol]	[Symbol]	TRAFFIC SIGNAL POST
[Symbol]	[Symbol]	HANDHOLE
[Symbol]	[Symbol]	DOUBLE HANDHOLE
[Symbol]	[Symbol]	PEDESTRIAN SIGNAL HEAD
[Symbol]	[Symbol]	LIGHT DETECTOR W/CONFIRMATION BEACON
[Symbol]	[Symbol]	RELOCATED RAILROAD WAYSIDE HORN & CABINET
[Symbol]	[Symbol]	RELOCATED RAILROAD CONFIRMATION SIGNALS

Δ REMOVAL OF AERIAL CABLE ATTACHED TO EXISTING MAST ARM POLE AT SOUTHWEST CORNER SOUTH OF RAILROAD TRACKS WILL BE INCLUDED IN COST OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

LOCATIONS OF MAST ARM ASSEMBLIES MAY BE CHANGED IN THE FIELD AS NECESSARY TO AVOID UTILITIES. THE NEW LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER AND APPROVED BY THE DISTRICT TRAFFIC SIGNAL SECTION TO ENSURE THE NEW LOCATIONS MEET OPERATIONAL OFFSET/CLEAR ZONE REQUIREMENTS AND MAINTAIN PROPER POSITION OF SIGNAL HEADS IN RELATION TO THE TRAVELED LANES.

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

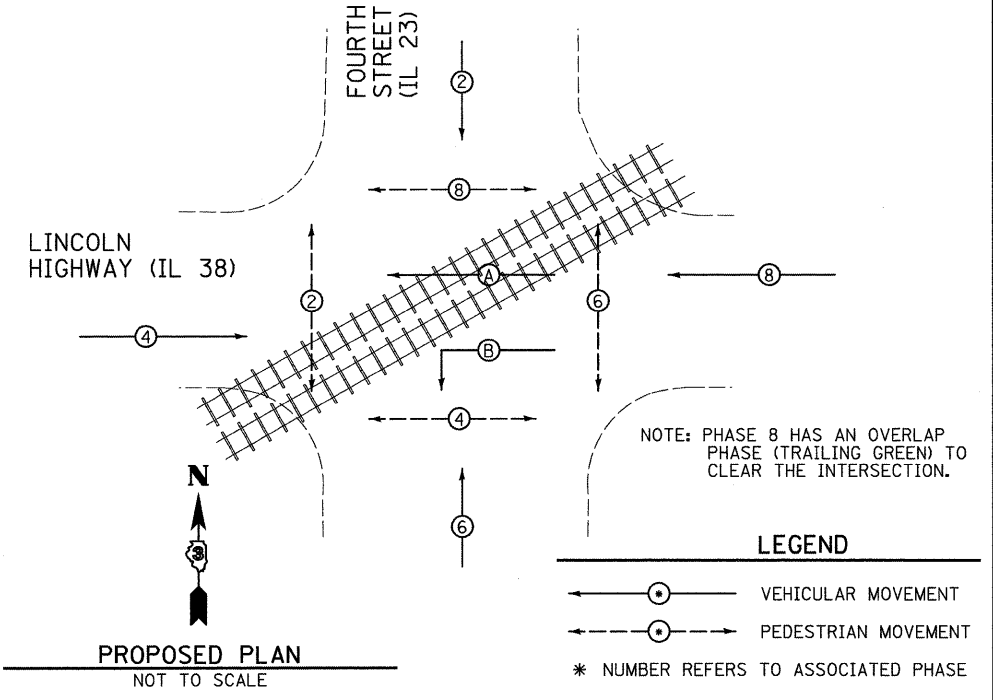
**TRAFFIC SIGNAL PLAN  
 FAP 68 (IL 23)/FOURTH STREET AND LINCOLN HIGHWAY (IL 38)**

F.A.P. R.TE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	73
				CONTRACT NO. 66983
ILLINOIS FED. AID PROJECT				

FILE NAME = 0366983-SHT-TS-PLN-RT23-LINCOLN.DGN	USER NAME = --	DESIGNED - DJD	REVISED - ---
PLOT SCALE = 1" = 20'	CHECKED - DJD	DATE - 01/11	REVISED - ---

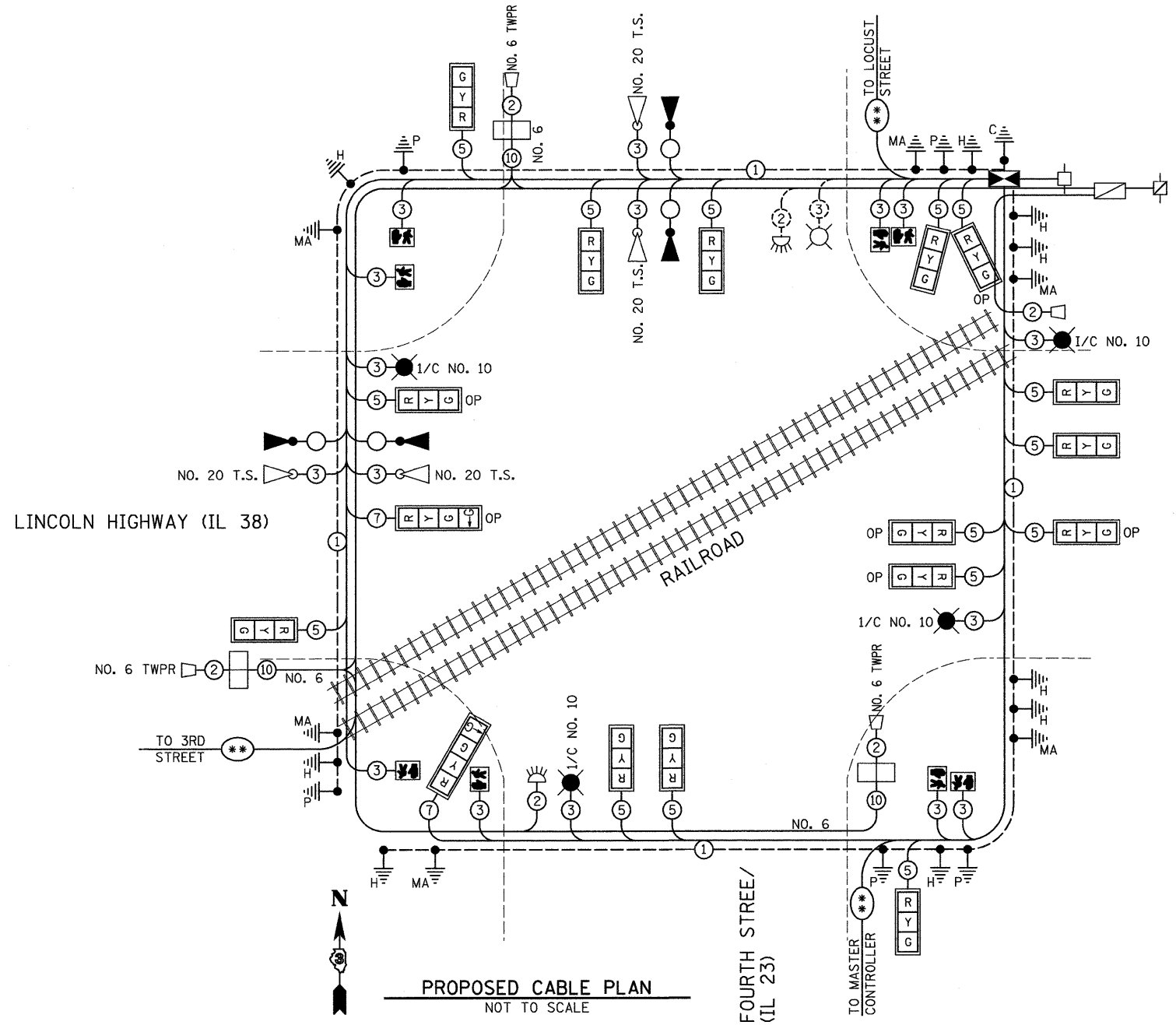
**CONTROLLER SEQUENCE**

NAME OF INTERSECTION: FOURTH STREET (IL 23) AND LINCOLN HIGHWAY (IL 38)  
 CONTROLLER SPECIFIED: FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE II, 8 PHASE, IN TYPE IV CABINET REFERRING TO STANDARD 857001. THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED.



**TRAFFIC SIGNALS LEGEND**

	DETNOTES NUMBER OF CONDUCTORS (NEW) ALL CABLE NO. 14 EXCEPT AS INDICATED
	EXISTING SERVICE INSTALLATION, TYPE B
	PROPOSED CONTROLLER AND CABINET
	EMERGENCY VEHICLE LIGHT DETECTOR
	EMERGENCY VEHICLE CONFIRMATION BEACON
	SIGNAL SECTION 12"
	PROPOSED INTERCONNECT CABLE AND TRACER
	PROPOSED WALK/DONT SECTION
	TRAFFIC SIGNAL BACKPLATE
	GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)
	GROUND ROD AT POST (P) OR MAST ARM (MA) OR CONTROLLER (C) OR SERVICE INSTALLATION (S) OR HANDHOLE (H)
	250 WATT HPS LUMINAIRE
	EXISTING LUMINAIRE
	OPTICALLY PROGRAMMED
	RAILROAD WAYSIDE HORN
	RAILROAD HORN CABINET
	RAILROAD DUAL CONFIRMATION SIGNAL
	EXISTING RAILROAD SERVICE INSTALLATION
	EXISTING MASTER HORN CABINET



EXISTING CONTROLLER AND TRAFFIC SIGNAL PHASING (NORMAL SEQUENCE, EVP, AND RAILROAD) SHALL REMAIN

**RAILROAD PREEMPTION**

1. OVERLAPS A AND B SHALL PROVIDE TRACK CLEAR GREEN INTERVAL DURING RR PREEMPTION
2. RR HOLD PHASE = ALL RED
3. RAILROAD PREEMPTION SHALL HAVE PRIORITY OVER EMERGENCY VEHICLE PREEMPTION

FILE NAME = D366983-SHT-TS-CABLE-RT23-LINCOLN.DGN

USER NAME = --

DESIGNED - DJD  
 DRAWN - ARR

REVISED - ---  
 REVISED - ---

PLOT SCALE = 1" = 20'  
 PLOT DATE = 01/11

CHECKED - DJD  
 DATE - 01/11

REVISED - ---  
 REVISED - ---

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL CABLE PLAN  
 FAP 68 (IL 23)/FOURTH STREET AND LINCOLN HIGHWAY (IL 38)**

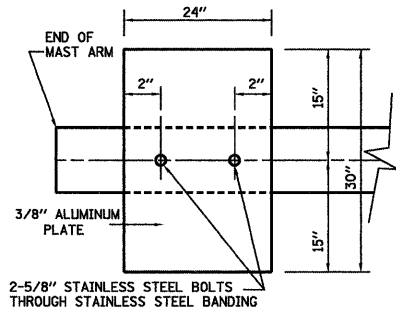
SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 74
CONTRACT NO. 66983				ILLINOIS FED. AID PROJECT

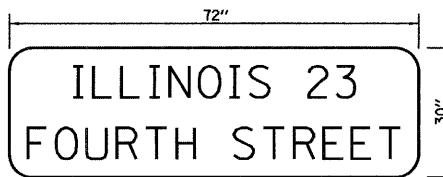
ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
FOURTH STREET (IL 23)	RED	6	10	58
	YELLOW	6	22	4
	GREEN	6	12	38
		4	6	100
		4	6	13
LINCOLN HWY (IL 38)	RED	11	10	75
	YELLOW	11	22	4
	GREEN	11	12	21
		4	6	100
		4	6	13
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100
	EMERGENCY VEHICLE PREEMPT	4	--	--
LIGHTING	LUMINAIRE	6	250	50

AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES:  
CITY OF DEKALB

NOTE:  
DAMPENING DEVICE SHALL CONSIST OF A 24" X 30" TYPE 1, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 30" LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE IS INCLUDED IN THE MAST ARM PAY ITEM.

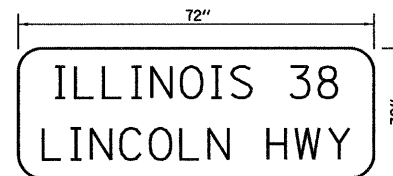


NOTE:  
MOUNT DAMPENING PLATE TO END OF EACH TRAFFIC SIGNAL MAST ARM.  
**DAMPENING PLATE DETAIL - TOP VIEW**



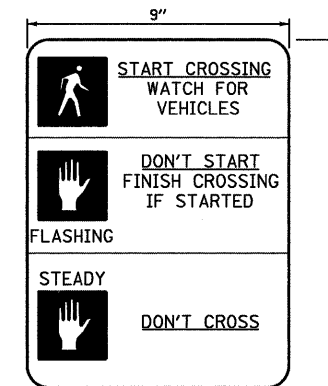
TYPE ZZ SHEETING REQUIRED  
6" D SERIES LETTERS (CITY STREET LETTERING)  
8" D SERIES LETTERS (STATE ROUTE LETTERING)  
2 SIGNS REQUIRED = 15.0 SQ. FT. EACH  
= 30.0 SQ. FT. TOTAL

THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH FOURTH STREET (IL 23)

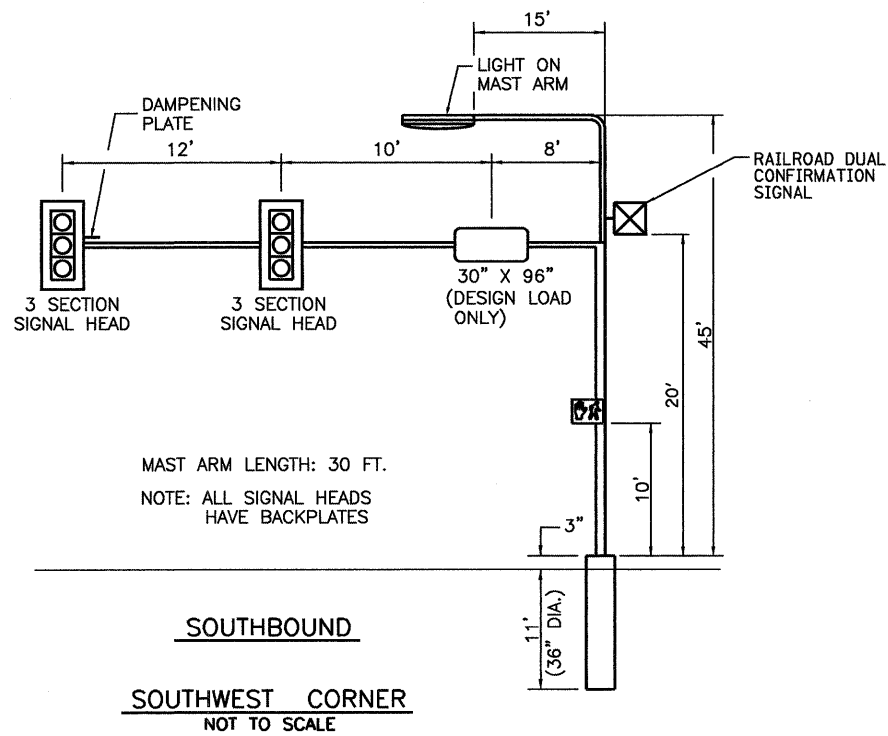
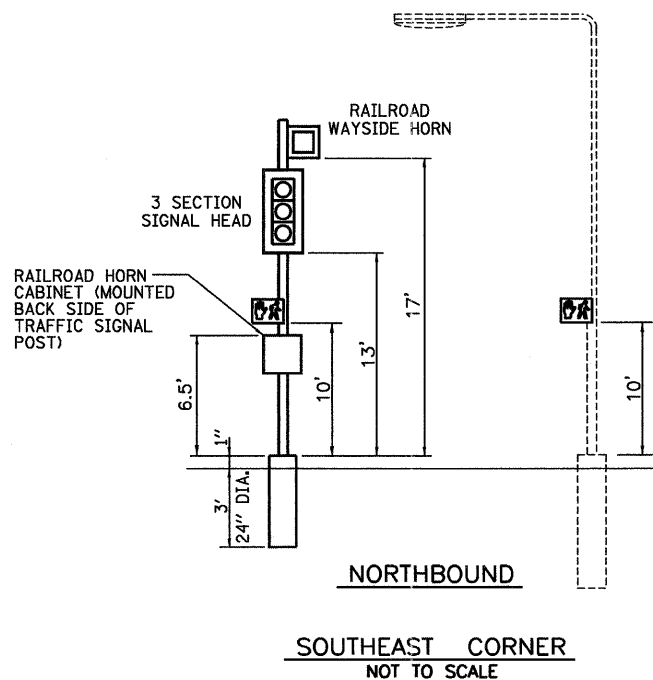
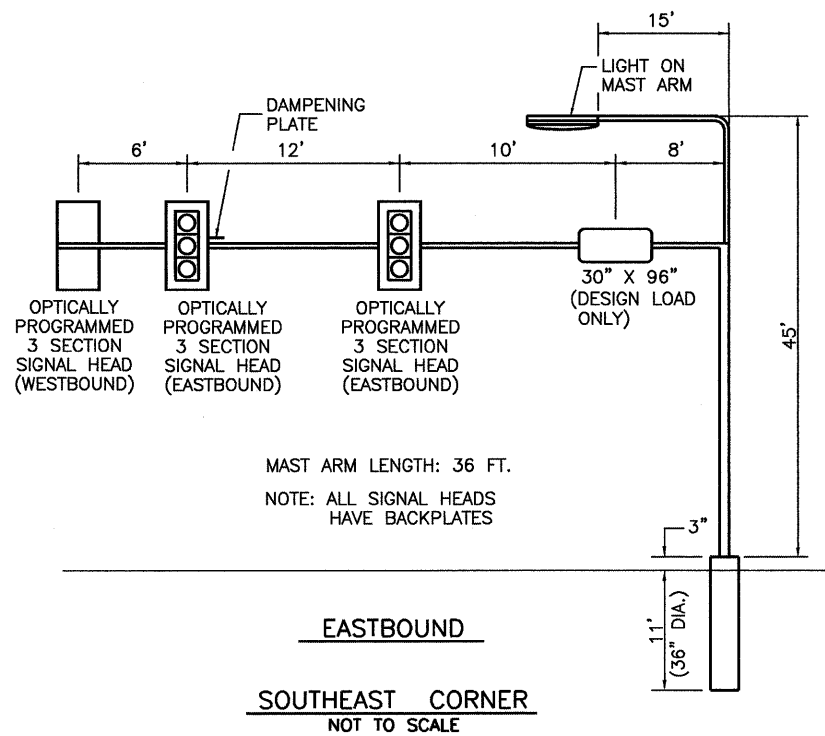


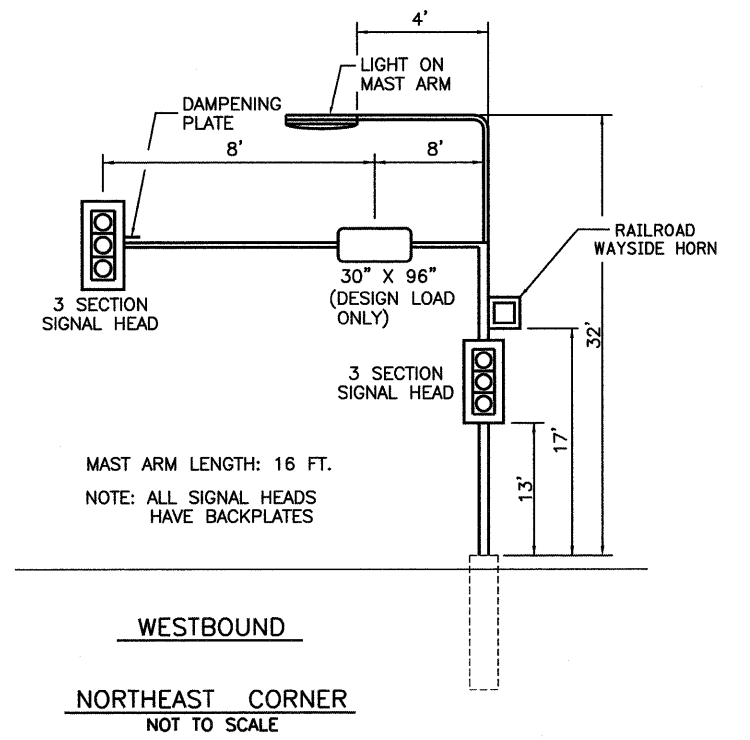
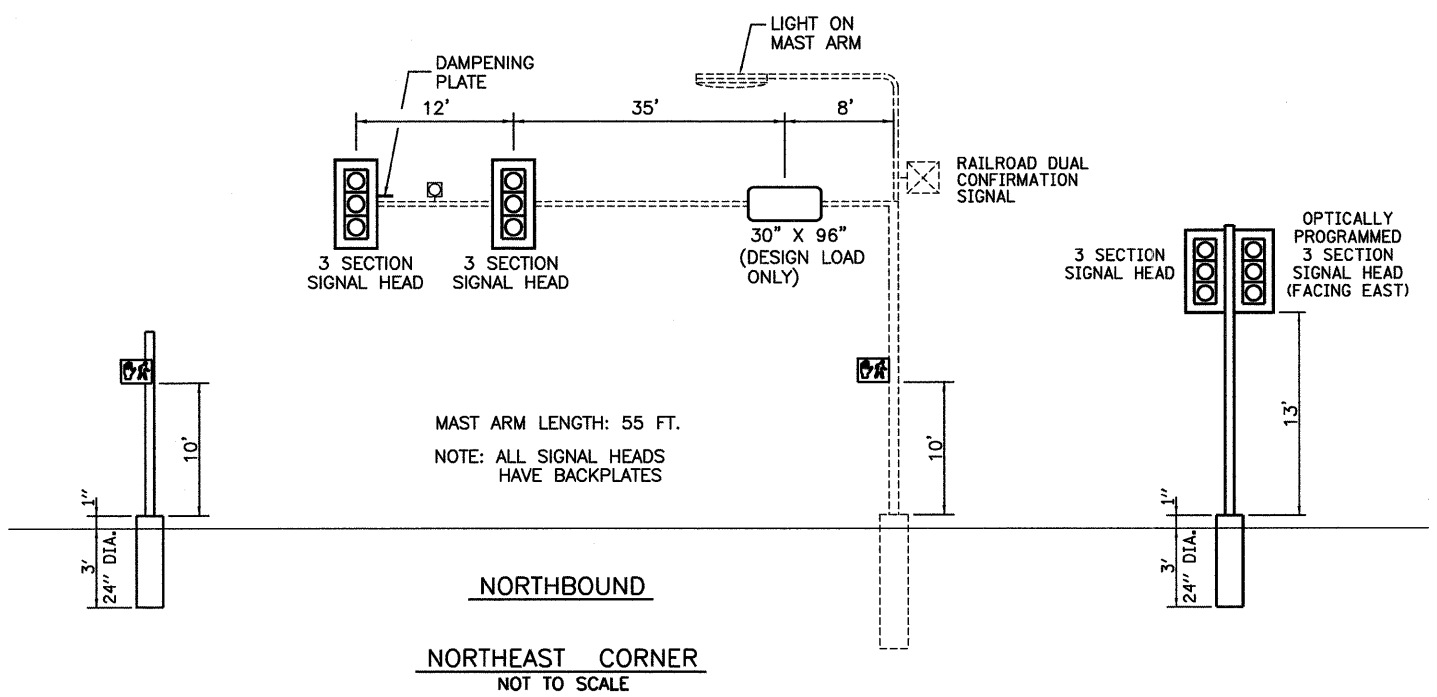
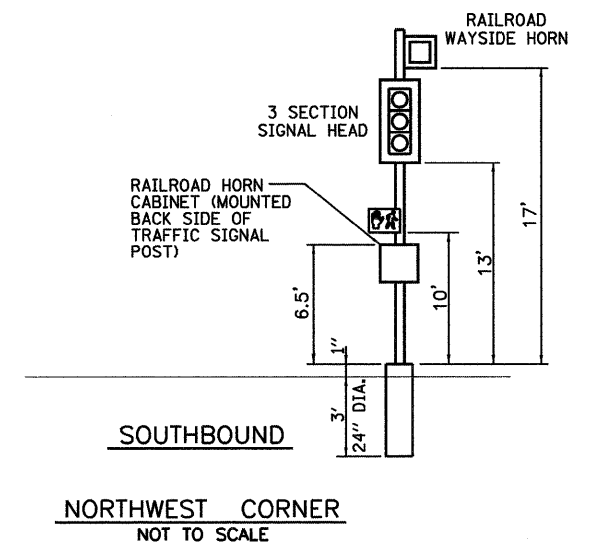
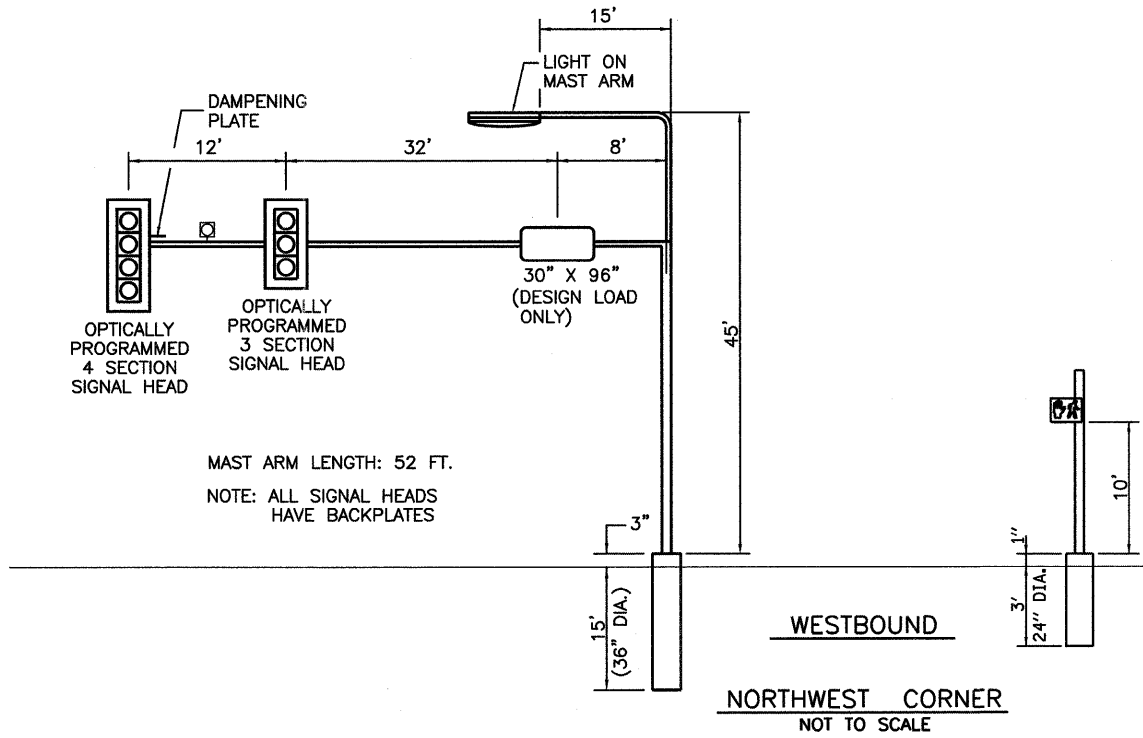
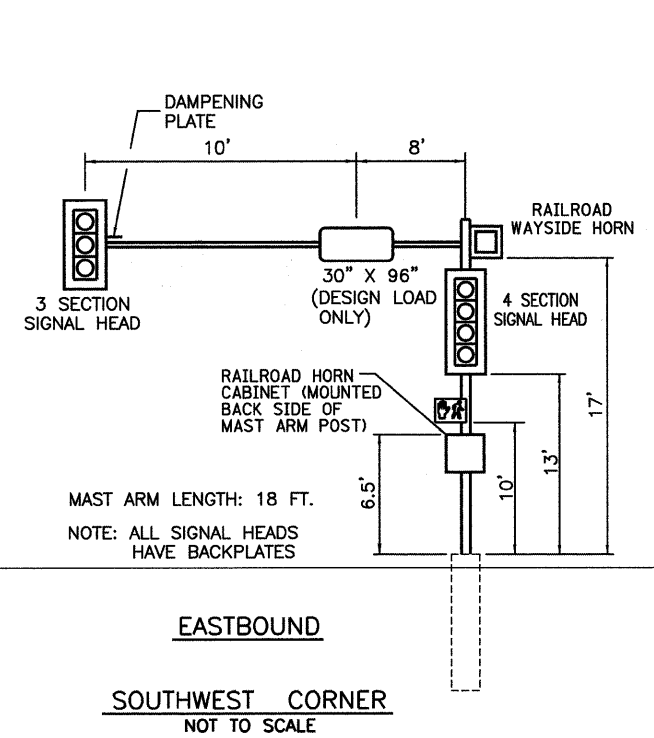
TYPE ZZ SHEETING REQUIRED  
6" D SERIES LETTERS (CITY STREET LETTERING)  
8" D SERIES LETTERS (STATE ROUTE LETTERING)  
2 SIGNS REQUIRED = 15.0 SQ. FT. EACH  
= 30.0 SQ. FT. TOTAL

THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH LINCOLN HIGHWAY (IL 38)



X10-I100  
THE CONTRACTOR SHALL SUPPLY AND MOUNT ONE OF EACH SIGN AT EACH TRAFFIC SIGNAL STRUCTURE WITH A PEDESTRIAN SIGNAL HEAD. THIS SHALL BE INCLUDED IN THE COST OF THE PEDESTRIAN SIGNAL HEAD PAY ITEM.





FILE NAME = 0366983-SHT-TS-DETAILS-LINCOLN.DGN

USER NAME = --

PLOT SCALE = 1" = 20'

PLOT DATE = 01/11

DESIGNED - DJD

DRAWN - ARR

CHECKED - DJD

DATE - 01/11

REVISED - ---

REVISED - ---

REVISED - ---

REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS

FAP 68 (IL 23)/FOURTH STREET AND LINCOLN HIGHWAY (IL 38)

SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(20)N, TS & I	DEKALB	120	76
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				



**Illinois Department of Transportation**  
Division of Highways  
ILLINOIS DEPARTMENT OF TRANSPORTATION

### SOIL BORING LOG

Page 1 of 1

Date 10/7/10

ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & IL 38 (Lincoln Highway) in Dekalb LOGGED BY Larry Myers

SECTION (28)N, TS & I LOCATION NW 1/4, SEC. 23, TWP. 40N, RNG. 4E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft
Station	E	L	C	O	Stream Bed Elev.	ft
	P	O	S	I		
BORING NO. 1 (S.W. Quad.)	T	W	S	Qu	Groundwater Elev.:	
Station 42+42	H	S	Qu	T	First Encounter	ft
Offset 19.00ft RL					Upon Completion	Dry ft
Ground Surface Elev. 880.81	ft	(ft)	(/ft)	(tsf)	(%)	After Hrs. ft

Augered Bituminous Pavement, Black & Brown Silty Clay Loam Fill						
	878.11					
Stiff Brown Silty Clay Loess		1				
		2	1.5	30.5		
		3	P			
	876.11					
Stiff Brown Silty Loam/Silty Clay Loam Till		2				
		2	1.5	23.8		
		3	P			
	873.81					
Loose Brown Interbedded Layers of Silt, Sand, & Gravel		2				
		3		21.6		
		4				
	871.11					
Very Stiff Brownish Gray Silty Clay Loam Till		4				
		5	3.2	11.2		
		8	S			
		2				
		4	2.4	15.7		
		4	S			
		3				
		4	2.6	13.0		
		4	S			
End of Boring	864.11					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)



**Illinois Department of Transportation**  
Division of Highways  
ILLINOIS DEPARTMENT OF TRANSPORTATION

### SOIL BORING LOG

Page 1 of 1

Date 10/12/10

ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & IL 38 (Lincoln Highway) in Dekalb LOGGED BY Larry Myers

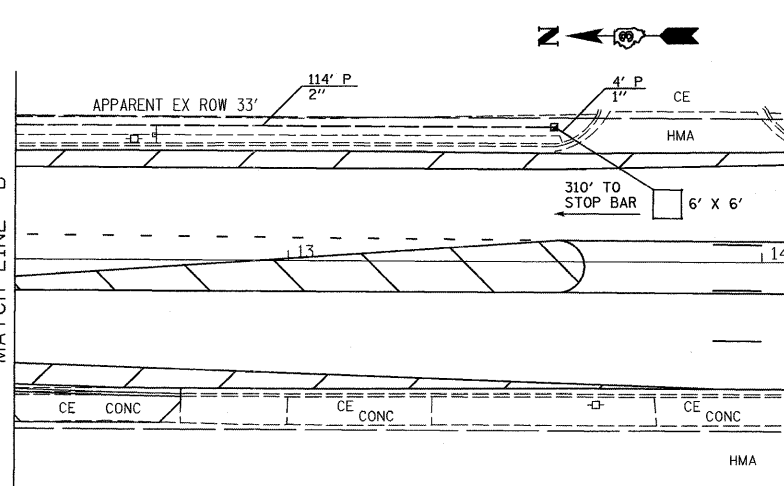
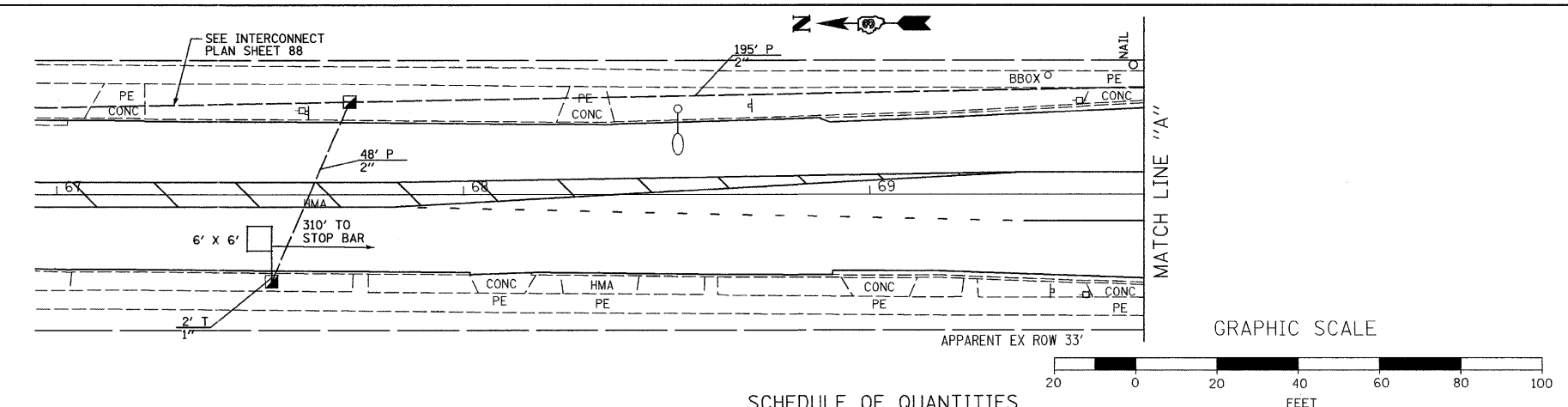
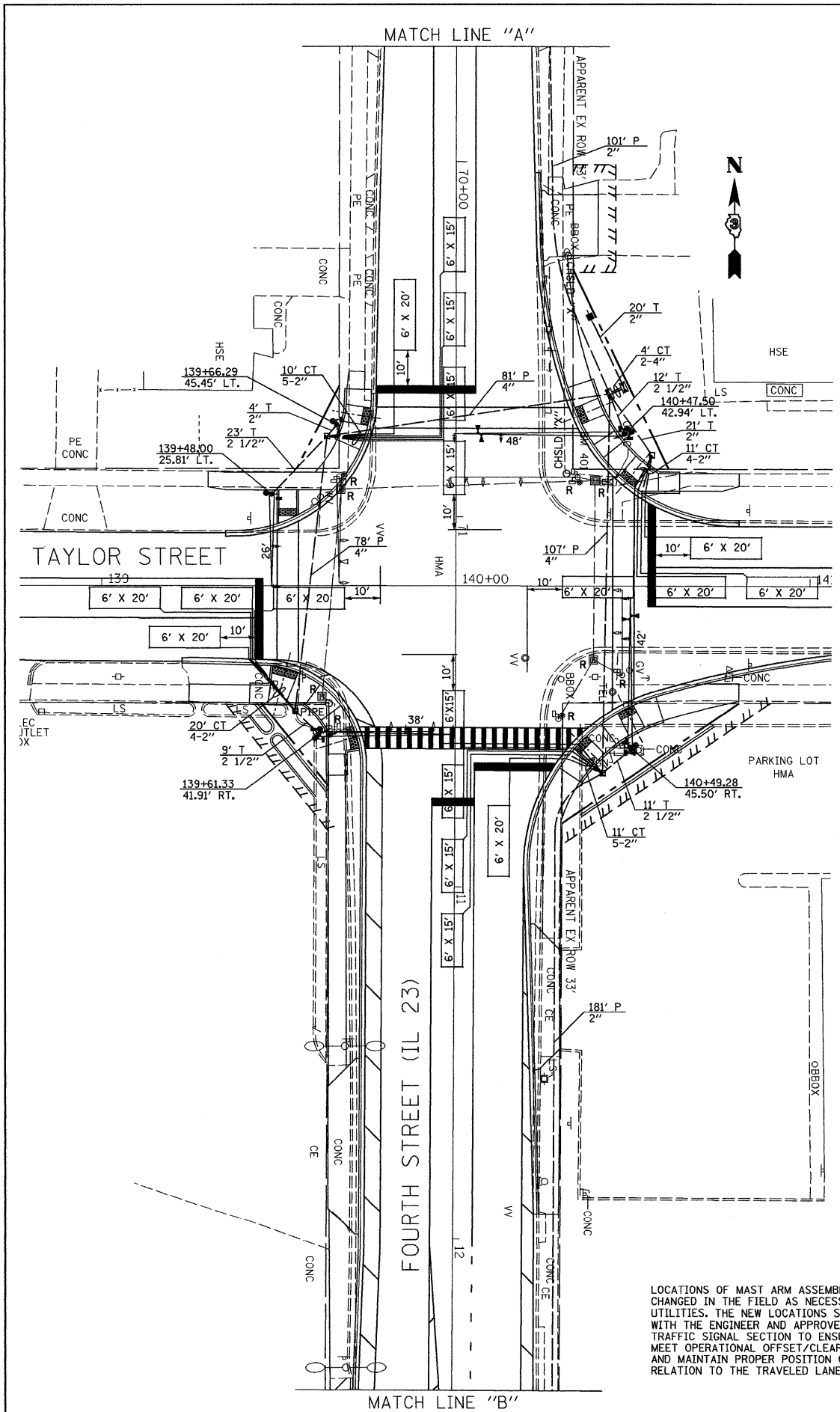
SECTION (28)N, TS & I LOCATION NW 1/4, SEC. 23, TWP. 40N, RNG. 4E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft
Station	E	L	C	O	Stream Bed Elev.	ft
	P	O	S	I		
BORING NO. 2 (N.W. Quad.)	T	W	S	Qu	Groundwater Elev.:	
Station 40+63	H	S	Qu	T	First Encounter	ft
Offset 42.00ft RL					Upon Completion	Dry ft
Ground Surface Elev. 880.31	ft	(ft)	(/ft)	(tsf)	(%)	After Hrs. ft

Augered Black Silty Clay Loam, Sand/Gravel Fill						
	877.81					
Medium Brown Sand/Gravel Fill (CA2)		7				
		8		5.0		
		8				
		8				
		8		4.9		
		8				
	872.81					
Black, Brown Sand, Gravel Oversize Rock (Limestone)		8				
		12		11.8		
		38				
	870.81					
Very Stiff to Hard Brownish Gray Silty Clay Loam Till		3				
		5	4.1	12.2		
		7	S			
		5				
		7	4.6	12.0		
		9	S			
		6				
		8	4.3	12.3		
		8	S			
End of Boring	863.81					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)



**SCHEDULE OF QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
72000100	SIGN PANEL - TYPE 1	SQ FT	20
72000200	SIGN PANEL - TYPE 2	SQ FT	50
80500200	SERVICE INSTALLATION, TYPE B	EACH	1
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	2
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	274
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	55
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	8
81021300	CONDUIT PUSHED, 1" DIA., PVC	FOOT	4
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	639
81021370	CONDUIT PUSHED, 4" DIA., PVC	FOOT	266
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	6
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1596
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	158
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
86200300	UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	715
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1149
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	742
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1367
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2050
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	29
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	1
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
87704030	CONCRETE FOUNDATION, TYPE A	FOOT	3
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800415	CONCRETE FOUNDATION, TYPE E, 36 INCH DIAMETER	FOOT	47
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12
88500100	INDUCTIVE LOOP DETECTOR	EACH	12
88600100	DETECTOR LOOP, TYPE 1	FOOT	1573
88700200	LIGHT DETECTOR	EACH	4
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2093
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	4
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
X8250505	LIGHTING CONTROLLER, SPECIAL EQUIPMENT	EACH	1
X8730027	ELECTRIC CABLE IN CONDUIT-GROUNDING, NO. 6 1C	FOOT	1064
*3002214	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 20 3/C	FOOT	629

**CONSTRUCTION NOTES:**

- INSTALL UNINTERRUPTIBLE POWER SUPPLY.
- PROPOSED SERVICE MAY REQUIRE FIELD ADJUSTMENT AFTER UTILITY RELOCATIONS.
- REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
  - 1 EACH - CONTROLLER AND CABINET
  - 1 EACH - SERVICE INSTALLATION
  - 3 EACH - MAST ARM AND POLE
  - 1 EACH - COMBINATION MAST ARM AND POLE
  - 1 EACH - PEDESTRIAN SIGNAL POST
  - 9 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
  - 8 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
  - 4 EACH - PEDESTRIAN PUSH BUTTON
  - 4 EACH - EMERGENCY VEHICLE PRIORITY SYSTEM

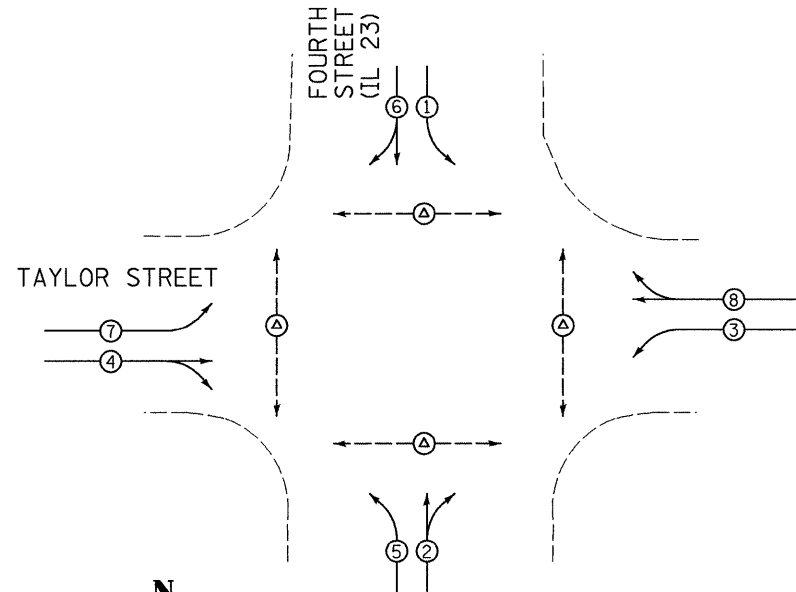
**TRAFFIC SIGNALS LEGEND**

EXISTING	PROPOSED	DESCRIPTION
[Symbol]	[Symbol]	CONTROLLER CABINET
[Symbol]	[Symbol]	SERVICE INSTALLATION
[Symbol]	[Symbol]	CONDUIT
[Symbol]	[Symbol]	SIGNAL HEAD WITH BACKPLATE
[Symbol]	[Symbol]	STEEL MAST ARM
[Symbol]	[Symbol]	COMBINATION STEEL MAST ARM
[Symbol]	[Symbol]	TRAFFIC SIGNAL POST
[Symbol]	[Symbol]	HANDHOLE
[Symbol]	[Symbol]	DOUBLE HANDHOLE
[Symbol]	[Symbol]	PEDESTRIAN SIGNAL HEAD
[Symbol]	[Symbol]	PEDESTRIAN PUSH BUTTON
[Symbol]	[Symbol]	LIGHT DETECTOR
[Symbol]	[Symbol]	W/CONFIRMATION BEACON

LOCATIONS OF MAST ARM ASSEMBLIES MAY BE CHANGED IN THE FIELD AS NECESSARY TO AVOID UTILITIES. THE NEW LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER AND APPROVED BY THE DISTRICT TRAFFIC SIGNAL SECTION TO ENSURE THE NEW LOCATIONS MEET OPERATIONAL OFFSET/CLEAR ZONE REQUIREMENTS AND MAINTAIN PROPER POSITION OF SIGNAL HEADS IN RELATION TO THE TRAVELED LANES.

**CONTROLLER SEQUENCE**

NAME OF INTERSECTION: FOURTH STREET/(IL 23) AND TAYLOR STREET  
 CONTROLLER SPECIFIED: FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE II, 8 PHASE, IN TYPE IV CABINET  
 REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED.



**LEGEND**

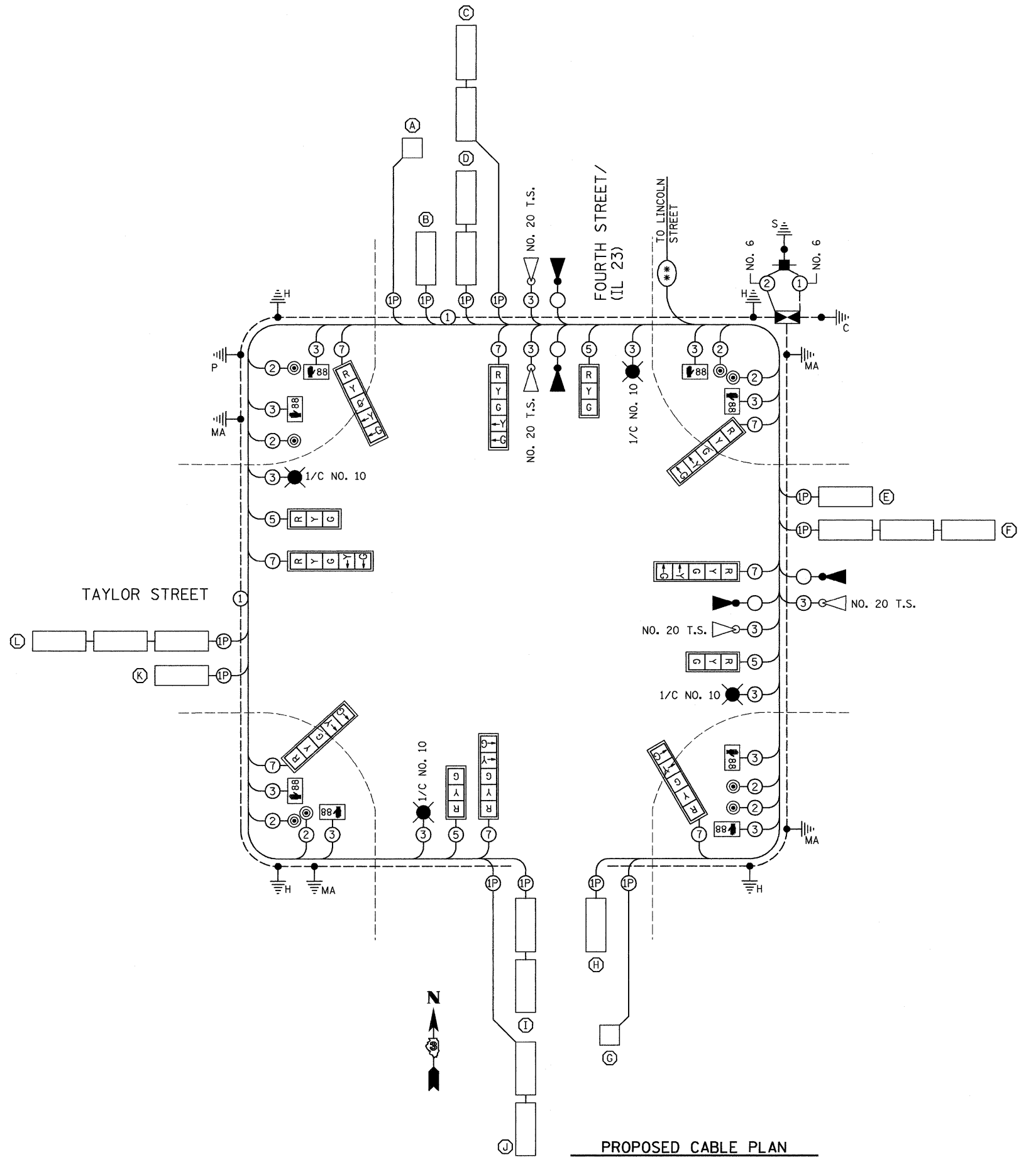
- ← ⊙ → VEHICULAR MOVEMENT
- ← ⊠ → PEDESTRIAN MOVEMENT

**PROPOSED PLAN**  
 NOT TO SCALE

\* NUMBER REFERS TO ASSOCIATED PHASE  
 Δ PEDESTRIAN PHASE ALL WAY RED (PEDESTRIAN SCRAMBLE)

**TRAFFIC SIGNALS LEGEND**

⊙	DETNOTES NUMBER OF CONDUCTORS (NEW) ALL CABLE NO. 14 EXCEPT AS INDICATED
■	PROPOSED SERVICE INSTALLATION, TYPE B
⊠	PROPOSED CONTROLLER AND CABINET
⊠	EMERGENCY VEHICLE LIGHT DETECTOR
⊠	EMERGENCY VEHICLE CONFIRMATION BEACON
□	SIGNAL SECTION 12"
⊙*	PROPOSED INTERCONNECT CABLE AND TRACER
⊠88	PROPOSED WALK/DONT WALK COUNTDOWN SECTION
⊠	TRAFFIC SIGNAL BACKPLATE
⊠	GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)
⊠	GROUND ROD AT POST (P) OR MAST ARM (MA) OR CONTROLLER (C) OR SERVICE INSTALLATION (S) OR HANDHOLE (H)
⊠	250 WATT HPS LUMINAIRE
⊙	PEDESTRIAN PUSH BUTTON
⊙	DENOTES DETECTOR LOOP SYSTEM
⊠	VEHICLE DETECTOR, INDUCTION LOOP



**PROPOSED CABLE PLAN**  
 NOT TO SCALE

FILE NAME = 0366983-SHT-TS-CABLE-RT23-TAYLOR.DGN

USER NAME = --

DESIGNED - DJD  
 DRAWN - ARR

REVISED - ---  
 REVISED - ---

PLOT SCALE = 1" = 20'  
 PLOT DATE = 01/11

CHECKED - DJD  
 DATE - 01/11

REVISED - ---  
 REVISED - ---

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL CABLE PLAN**  
**FAP 68 (IL 23)/FOURTH STREET AND TAYLOR STREET**

SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 79
				CONTRACT NO. 66983
ILLINOIS FED. AID PROJECT				

DETECTOR LOOP INDUCTANCE CHART						
DETECTOR LOOP SYSTEM	Ø	LOCATION	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	6	SB FAR	5	264	37566	ON
B	6	SB THRU	4	292	35685	OFF
C	1	SB LT	4	472	28063	ON
D	1	SB LT	4	457	28525	ON
E	8	WB THRU	4	278	36549	ON
F	3	WB LT	4	816	21350	ON
G	2	NB FAR	6	353	32474	ON
H	2	NB THRU	4	297	35367	OFF
I	5	NB LT	4	480	27831	ON
J	5	NB LT	4	467	28215	ON
K	4	EB THRU	4	314	34401	ON
L	7	EB LT	4	868	20697	ON

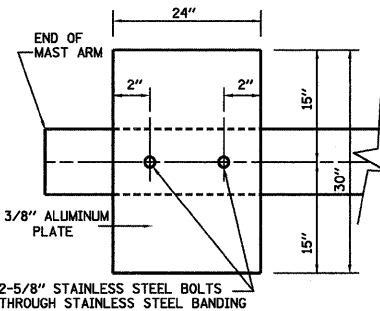
J PIN STATUS: "ON" MEANS STANDARD DETECTOR SETUP. "OFF" MEANS J WIRE HAS BEEN DISCONNECTED. BUT INTACT, AT THE HARNESS PANEL WITH THE NECESSARY

ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
FOURTH STREET (IL 23)	RED	6	10	54
	YELLOW	6	22	4
	GREEN	6	12	42
	YELLOW ARROW LT.	4	9	5
	GREEN ARROW LT.	4	3.4	21
	88	4	6	100
	88	4	5	13
TAYLOR STREET	RED	6	10	70
	YELLOW	6	22	4
	GREEN	6	12	26
	YELLOW ARROW LT.	4	9	4
	GREEN ARROW LT.	4	3.4	16
	88	4	6	100
	88	4	5	13
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100
	EMERGENCY VEHICLE PREEMPT	4	--	--
LIGHTING	LUMINAIRE	4	250	50

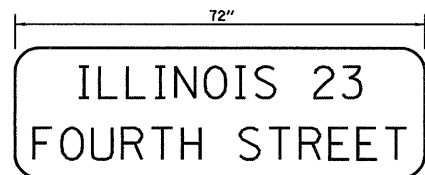
AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES:  
CITY OF DEKALB

NOTE:

DAMPENING DEVICE SHALL CONSIST OF A 24" X 30" TYPE 1, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 30" LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE IS INCLUDED IN THE MAST ARM PAY ITEM.

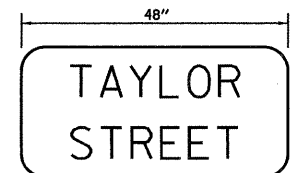


DAMPENING PLATE DETAIL - TOP VIEW



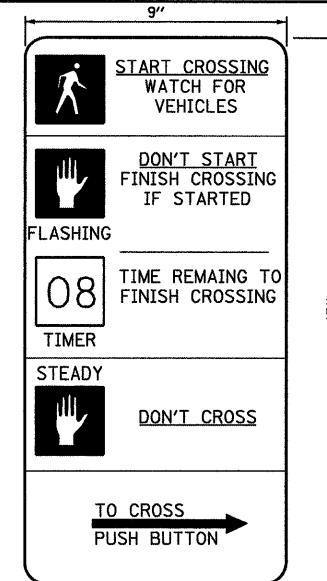
TYPE ZZ SHEETING REQUIRED  
6" D SERIES LETTERS (CITY STREET LETTERING)  
8" D SERIES LETTERS (STATE ROUTE LETTERING)  
2 SIGNS REQUIRED = 15.0 SQ. FT. EACH  
= 30.0 SQ. FT. TOTAL

THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH FOURTH STREET (IL 23)

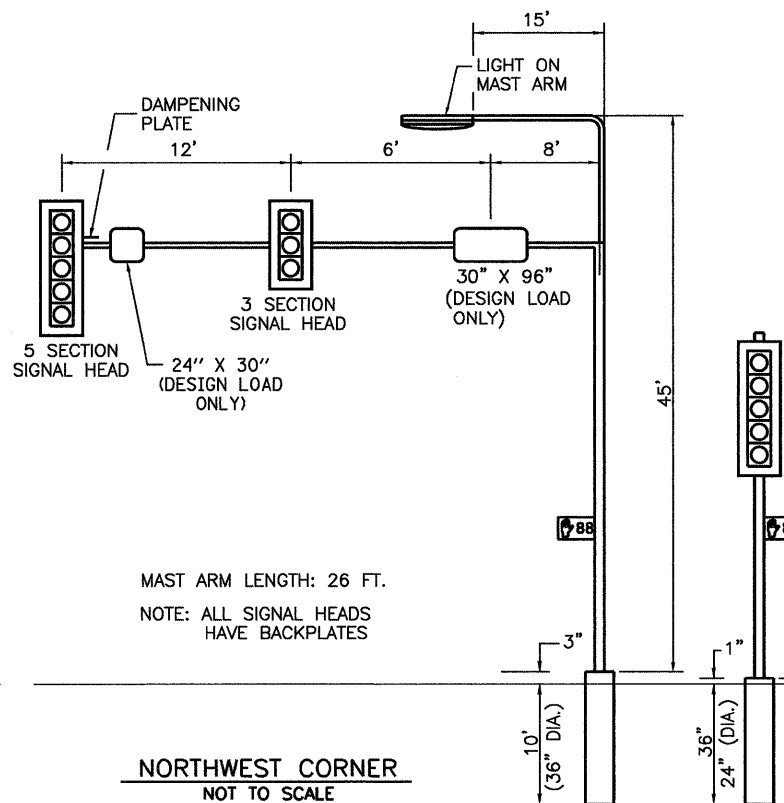
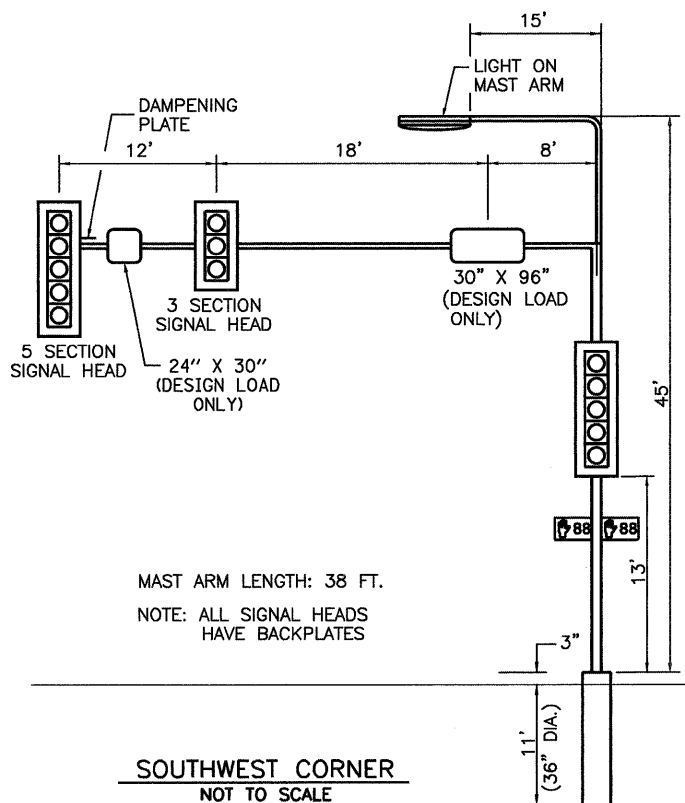
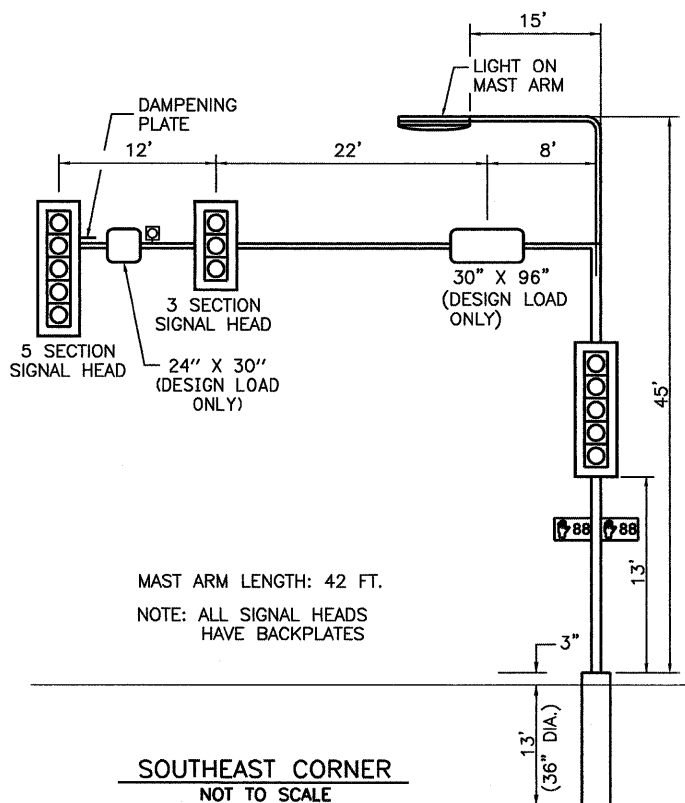
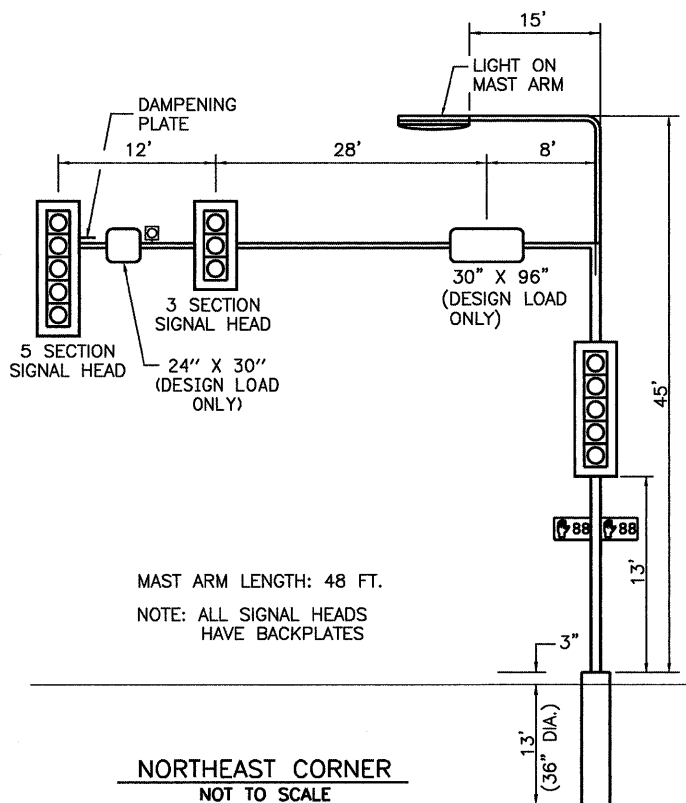


TYPE ZZ SHEETING REQUIRED  
8" D SERIES LETTERS  
2 SIGNS REQUIRED = 10.0 SQ. FT. EACH  
= 20.0 SQ. FT. TOTAL

THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH LINCOLN HIGHWAY (IL 38)



R10-3E  
THE CONTRACTOR SHALL SUPPLY AND MOUNT ONE SIGN WITH EACH PEDESTRIAN PUSH-BUTTON AND THIS SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON PAY ITEM.



FILE NAME = 0366983-SHT-TS-DETAILS-TAYLOR.DGN

USER NAME = --

DESIGNED - DJD

REVISED - ---

DRAWN - ARR

REVISED - ---

PLOT SCALE = 1" = 20'

CHECKED - DJD

REVISED - ---

PLOT DATE = 01/11

DATE - 01/11

REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS  
FAP 68 (IL 23)/FOURTH STREET AND TAYLOR STREET

SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	80
				CONTRACT NO. 66983

ILLINOIS FED. AID PROJECT





**Illinois Department of Transportation**  
DIVISION OF HIGHWAYS  
ILLINOIS DEPARTMENT OF TRANSPORTATION

### SOIL BORING LOG

Page 1 of 1

Date 9/28/10

ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & Taylor Street in Dekalb LOGGED BY Larry Myers

SECTION (28)N, TS & I LOCATION NW 1/4, SEC. 26, TWP. 40N, RNG. 4E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U L C S	M O I S T U R E	Surface Water Elev. Stream Bed Elev.	ft ft	Groundwater Elev.: First Encounter Upon Completion After Hrs.	ft ft ft	
Augered Black & Brown Silty Clay Loam & Gravel Fill									
					880.14				
Stiff Brown & Gray Silty Clay		3							
		4	2.0	25.5					
		5	P						
		2							
		2	1.5	26.8					
		2	P						
Hard Light Brown Silty Clay Loam Till					875.64				
		3							
		4	4.1	14.0					
		6	S						
Stiff to Very Stiff Light Gray Silty Clay and Silt Pockets					872.64				
		2							
		3	2.0	15.9					
		5	P						
Very Stiff Reddish Gray Sandy Clay Loam Till					870.64				
		3							
		3	3.1	12.2					
		4	B						
		3							
		4	3.3	12.7					
		5	B						
End of Boring					868.14				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer).  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



**Illinois Department of Transportation**  
DIVISION OF HIGHWAYS  
ILLINOIS DEPARTMENT OF TRANSPORTATION

### SOIL BORING LOG

Page 1 of 1

Date 9/28/10

ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & Taylor Street in Dekalb LOGGED BY Larry Myers

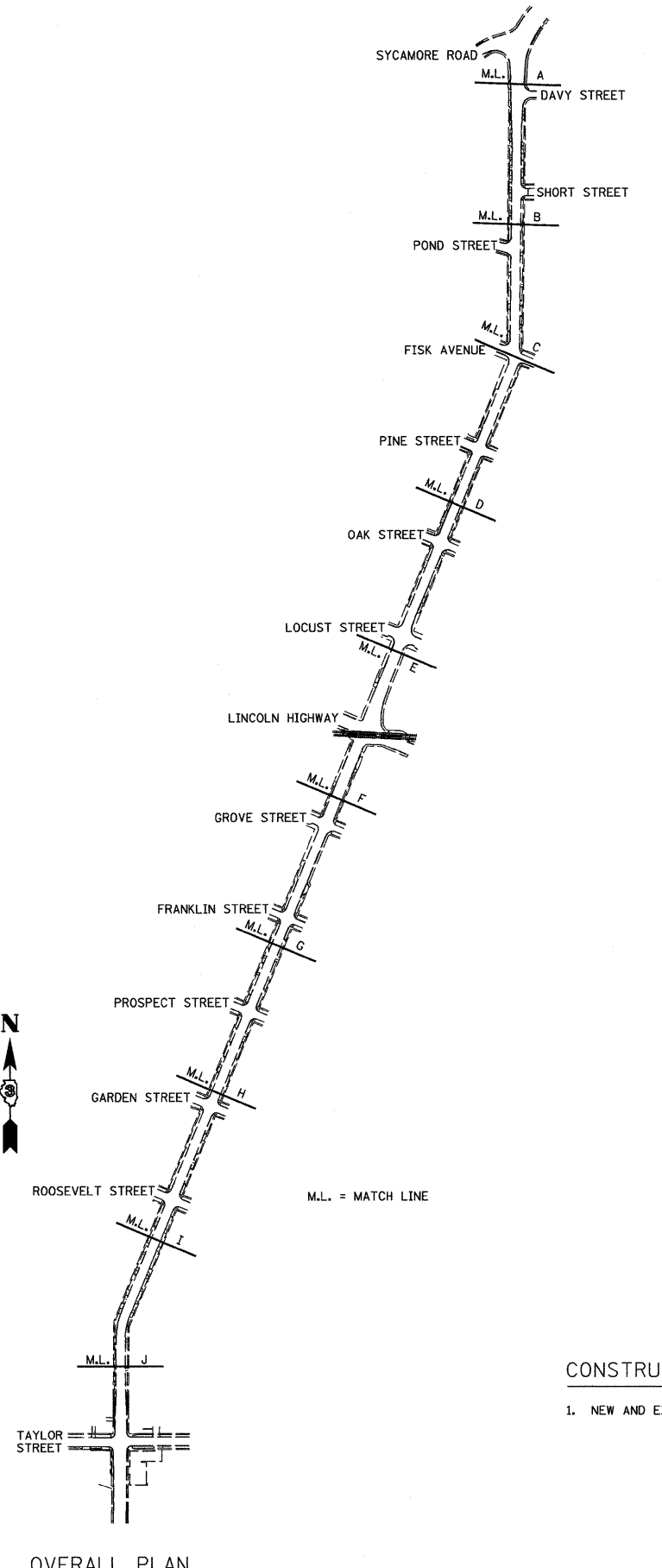
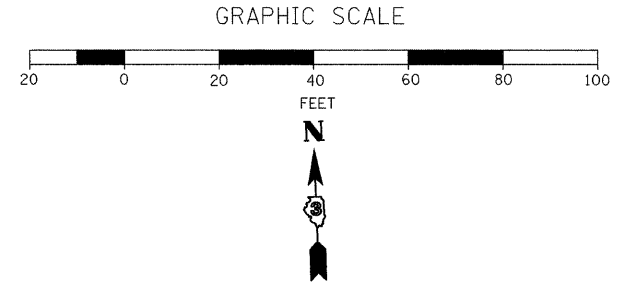
SECTION (28)N, TS & I LOCATION NE 1/4, SEC. 27, TWP. 40N, RNG. 4E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U L C S	M O I S T U R E	Surface Water Elev. Stream Bed Elev.	ft ft	Groundwater Elev.: First Encounter Upon Completion After Hrs.	ft ft ft	
Augered Bituminous, Brown Sand & Gravel Fill, Black Silty Clay Loam Till									
					878.96				
Very Stiff Black Silty Clay Loam Topsoil Fill									
		4							
		4	3.5	17.7					
		4	P						
Stiff to Very Stiff Brown Silty Clay Loam Till					877.46				
		2							
		2	1.5	18.8					
		2	P						
		4							
		5	3.6	12.7					
		6	B						
Very Stiff Reddish Gray Silty Clay Loam Till					871.96				
		3							
		4	3.4	11.3					
		5	B						
Hard Reddish Gray Sandy Clay Loam Till with Sand Seams					869.46				
		5							
		6	4.1	9.8					
		7	B						
		4							
		5	4.0	13.3					
		6	B						
End of Boring					864.96				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer).  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



M.L. = MATCH LINE

OVERALL PLAN

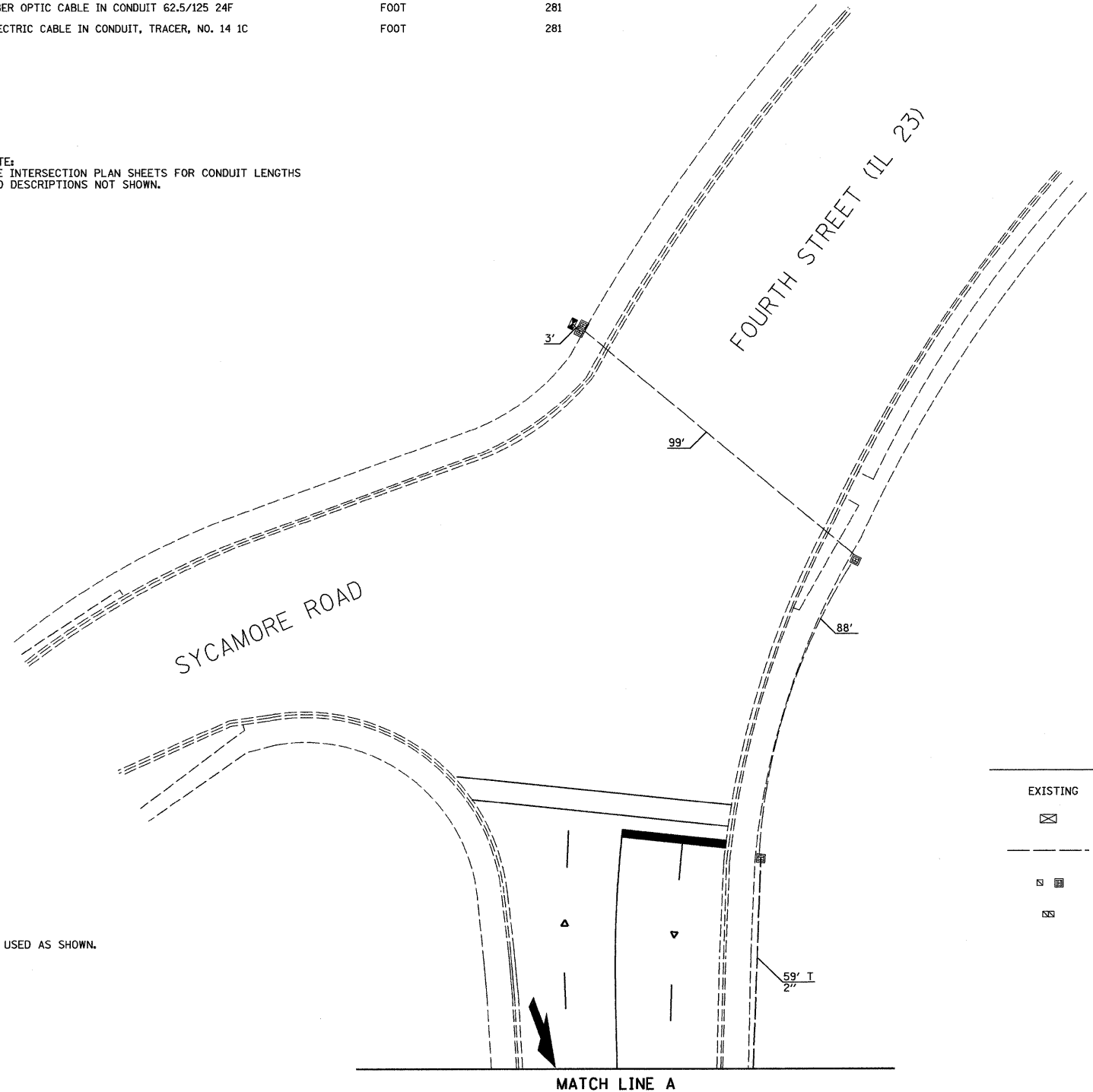
SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	59
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	59
86400100	TRANSCEIVER-FIBER OPTIC	EACH	1
87100160	FIBER OPTIC CABLE IN CONDUIT 62.5/125 24F	FOOT	281
*3002213	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	281

NOTE:  
SEE INTERSECTION PLAN SHEETS FOR CONDUIT LENGTHS  
AND DESCRIPTIONS NOT SHOWN.

CONSTRUCTION NOTES:

1. NEW AND EXISTING HANDHOLES SHALL BE USED AS SHOWN.



MATCH LINE A

TRAFFIC SIGNALS LEGEND

EXISTING	PROPOSED	
		CONTROLLER CABINET
		CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE

FILE NAME = 0366983-SHT-TS-INTERCONNECT.DGN

USER NAME = --  
DESIGNED - DJD  
DRAWN - ARR  
CHECKED - DJD  
PLOT SCALE = 1" = 20'  
PLOT DATE = 01/11

REVISOR - ---  
REVISION - ---  
REVISION - ---  
REVISION - ---  
DATE - 01/11

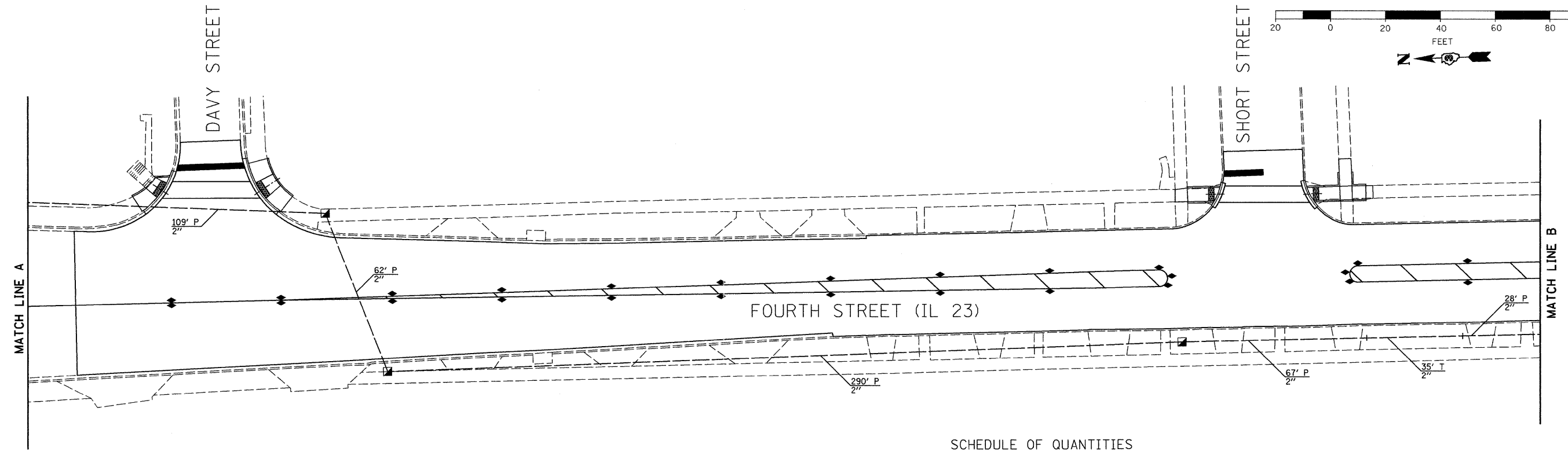
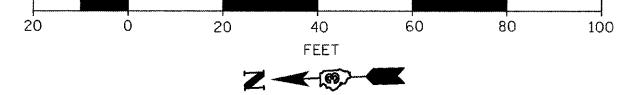
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INTERCONNECT PLAN  
FAP 68 (IL 23)/FOURTH STREET

SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	82
CONTRACT NO. 66983			ILLINOIS FED. AID PROJECT	

GRAPHIC SCALE



TRAFFIC SIGNALS LEGEND

EXISTING	PROPOSED	
		CONTROLLER CABINET
		CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE

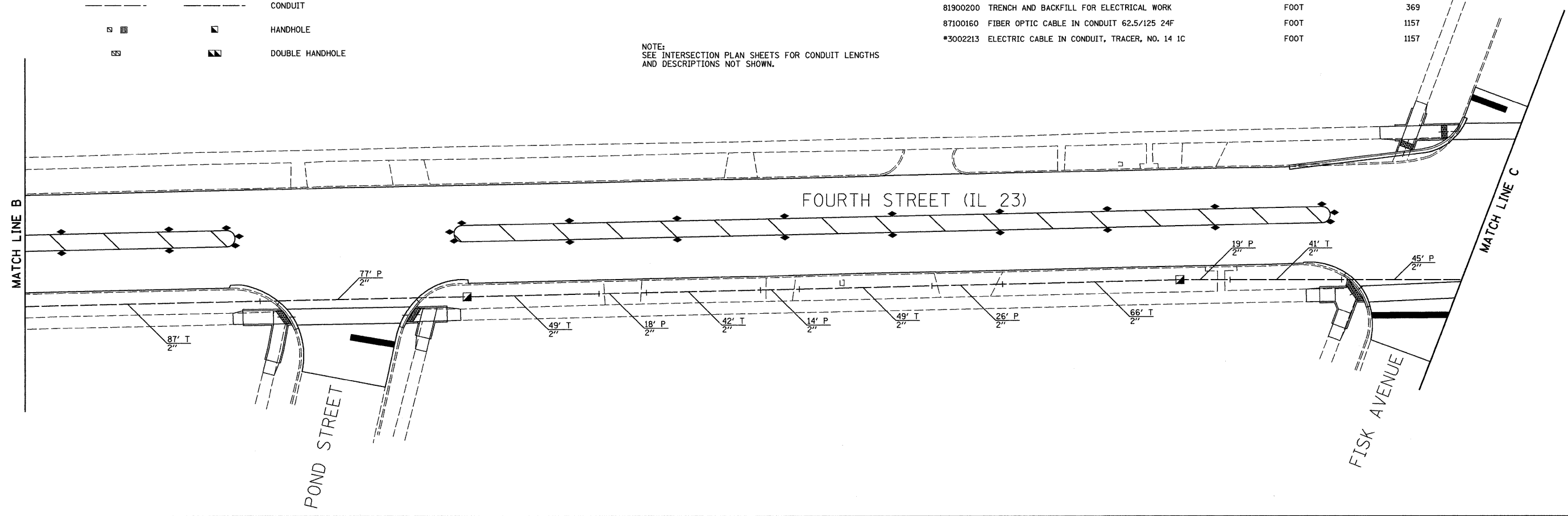
CONSTRUCTION NOTES:

1. NEW AND EXISTING HANDHOLES SHALL BE USED AS SHOWN.

NOTE:  
SEE INTERSECTION PLAN SHEETS FOR CONDUIT LENGTHS  
AND DESCRIPTIONS NOT SHOWN.

SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	369
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	755
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	369
87100160	FIBER OPTIC CABLE IN CONDUIT 62.5/125 24F	FOOT	1157
*3002213	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1157



FILE NAME = 0366983-SHT-TS-INTERCONNECT.DGN  
 USER NAME = --  
 PLOT SCALE = 1" = 20'  
 PLOT DATE = 01/11

DESIGNED - DJD	REVISED - ---
DRAWN - ARR	REVISED - ---
CHECKED - DJD	REVISED - ---
DATE - 01/11	REVISED - ---

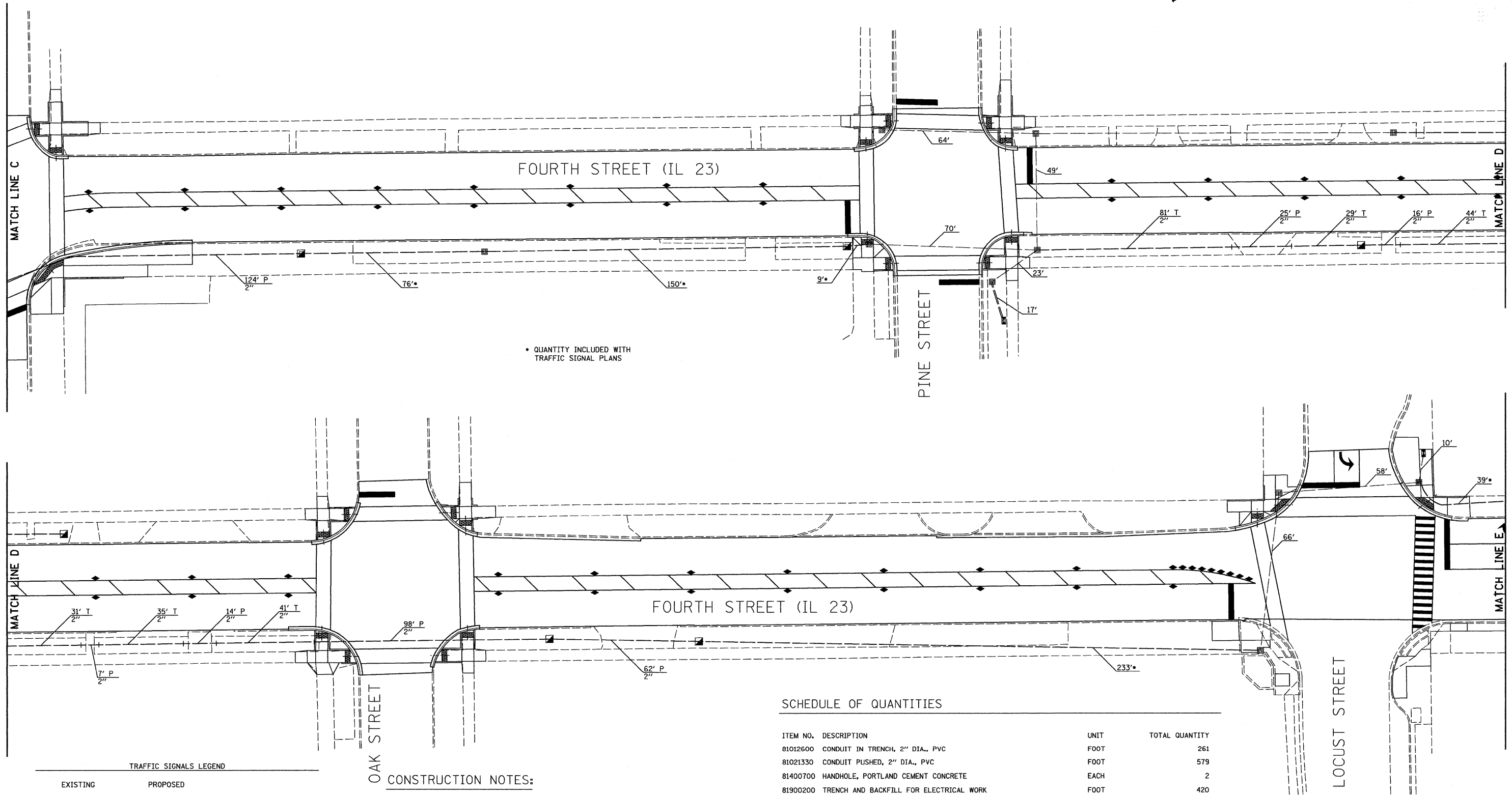
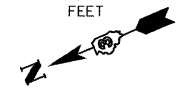
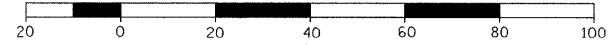
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INTERCONNECT PLAN  
FAP 68 (IL 23)/FOURTH STREET**

SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	83
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

NOTE:  
SEE INTERSECTION PLAN SHEETS FOR CONDUIT LENGTHS  
AND DESCRIPTIONS NOT SHOWN.



• QUANTITY INCLUDED WITH  
TRAFFIC SIGNAL PLANS

**CONSTRUCTION NOTES:**  
1. NEW AND EXISTING HANDHOLES SHALL BE USED AS SHOWN.

**SCHEDULE OF QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	261
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	579
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	420
86400100	TRANSCEIVER-FIBER OPTIC	EACH	2
87100160	FIBER OPTIC CABLE IN CONDUIT 62.5/125 24F	FOOT	1523
*3002213	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1523

**TRAFFIC SIGNALS LEGEND**

EXISTING	PROPOSED	DESCRIPTION
		CONTROLLER CABINET
		CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE

FILE NAME =  
D366983-SHT-TS-INTERCONNECT.DGN

USER NAME = --  
DESIGNED - DJD  
DRAWN - ARR  
CHECKED - DJD  
PLOT SCALE = 1" = 20'  
PLOT DATE = 01/11

REVISOR - --  
REVISOR - --  
REVISOR - --  
REVISOR - --  
DATE - 01/11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INTERCONNECT PLAN  
FAP 68 (IL 23)/FOURTH STREET**  
SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 84
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

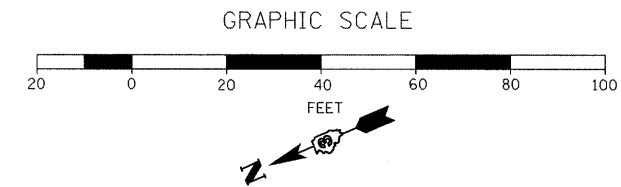
**CONSTRUCTION NOTES:**

- 1. NEW AND EXISTING HANDHOLES SHALL BE USED AS SHOWN.

**SCHEDULE OF QUANTITIES**

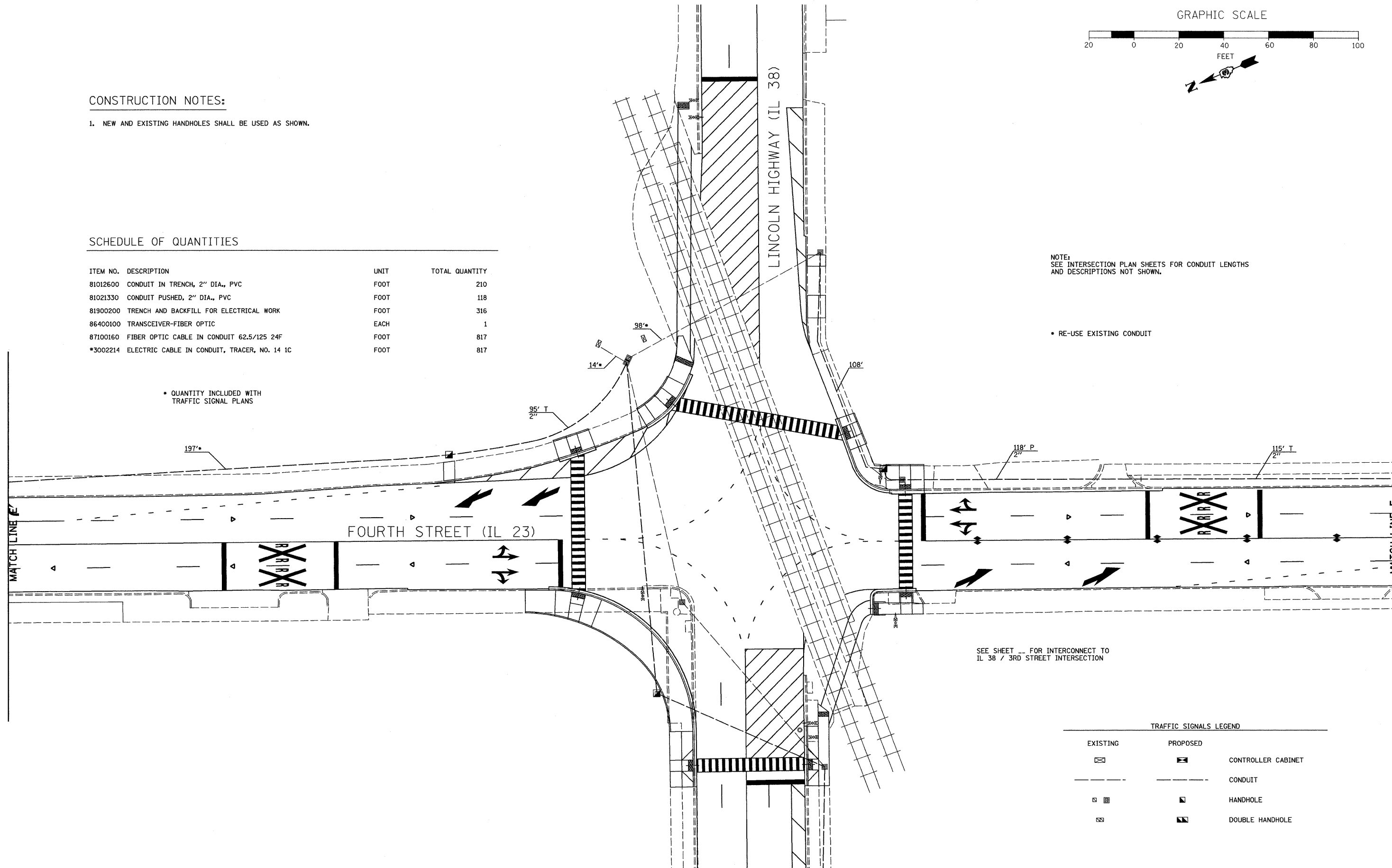
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	210
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	118
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	316
86400100	TRANSCIEVER-FIBER OPTIC	EACH	1
87100160	FIBER OPTIC CABLE IN CONDUIT 62.5/125 24F	FOOT	817
*3002214	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	817

\* QUANTITY INCLUDED WITH TRAFFIC SIGNAL PLANS



NOTE: SEE INTERSECTION PLAN SHEETS FOR CONDUIT LENGTHS AND DESCRIPTIONS NOT SHOWN.

\* RE-USE EXISTING CONDUIT

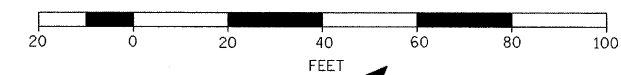


SEE SHEET ... FOR INTERCONNECT TO IL 38 / 3RD STREET INTERSECTION

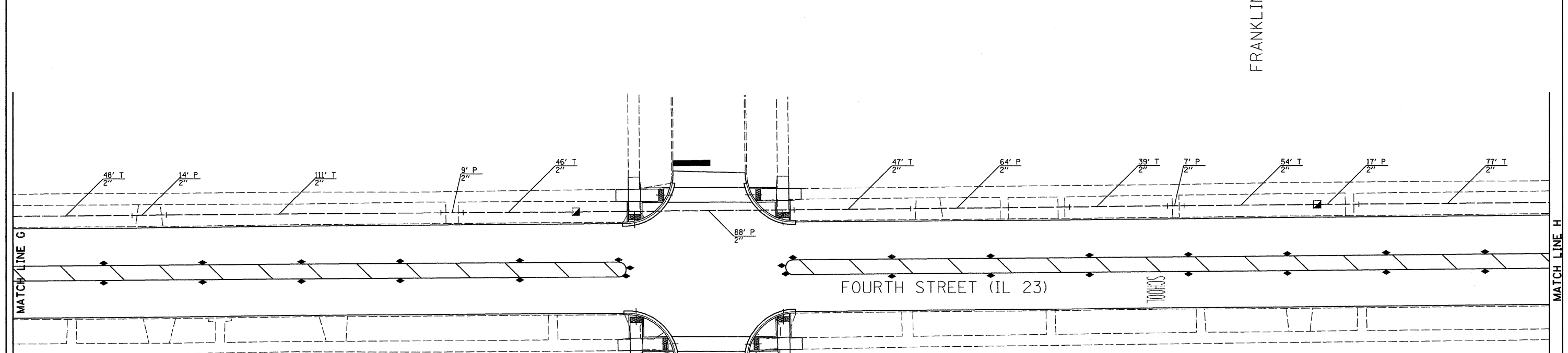
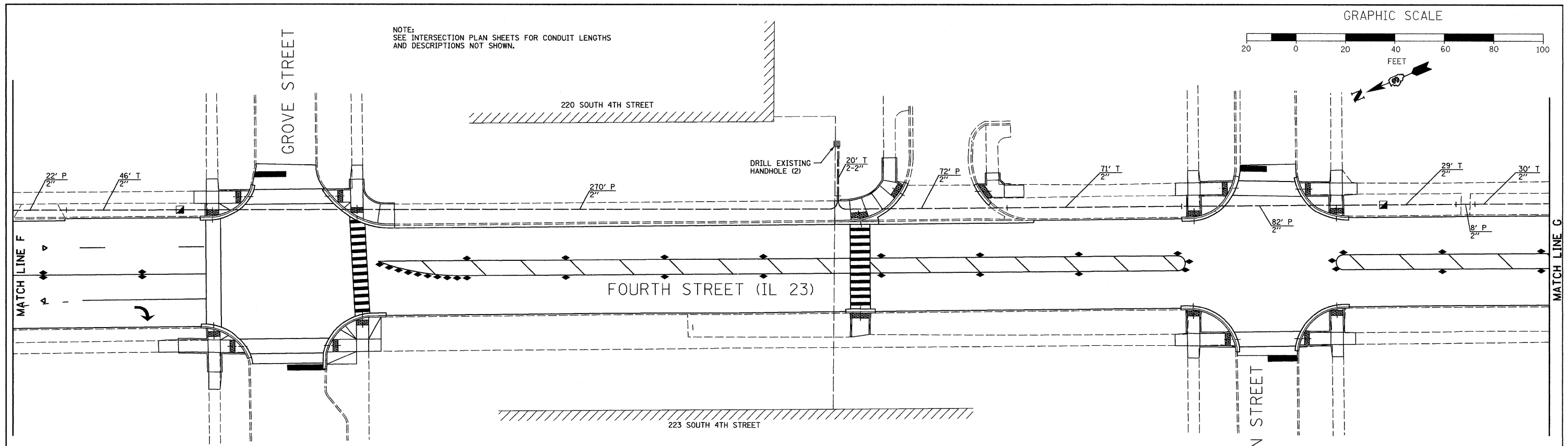
**TRAFFIC SIGNALS LEGEND**

EXISTING	PROPOSED	
		CONTROLLER CABINET
		CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE

GRAPHIC SCALE



NOTE:  
SEE INTERSECTION PLAN SHEETS FOR CONDUIT LENGTHS  
AND DESCRIPTIONS NOT SHOWN.



**CONSTRUCTION NOTES:**

1. THE MASTER CONTROLLER SHALL BE LOCATED AT THE DEKALB ENGINEERING ANNEX BUILDING AT 223 SOUTH 4TH STREET.
2. NEW AND EXISTING HANDHOLES SHALL BE USED AS SHOWN.
3. FIBER OPTIC CABLE IN CONDUIT SHALL BE PAID TO EXISTING HANDHOLE LOCATED SOUTHWEST OF THE BUILDING AT 220 SOUTH 4TH STREET. FIBER OPTIC CABLE INCLUDING SLACK FROM HANDHOLE TO MASTER CONTROLLER SHALL BE INCLUDED IN THE COST OF THE MASTER CONTROLLER.

**SCHEDULE OF QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	638
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	653
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	618
86000105	MASTER CONTROLLER (SPECIAL)	EACH	1
86400100	TRANSCEIVER-FIBER OPTIC	EACH	1
87100160	FIBER OPTIC CABLE IN CONDUIT 62.5/125 24F	FOOT	1330
87900200	DRILL EXISTING HANDHOLE	EACH	2
86325096	OPTIMIZE TRAFFIC SIGNAL SYSTEM 2	L SUM	1
*3002213	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1330

**TRAFFIC SIGNALS LEGEND**

EXISTING	PROPOSED	DESCRIPTION
		CONTROLLER CABINET
		CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE

FILE NAME = 0366983-SHT-TS-INTERCONNECT.DGN	USER NAME = --	DESIGNED - DJD	REVISED - ---
		DRAWN - ARR	REVISED - ---
		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

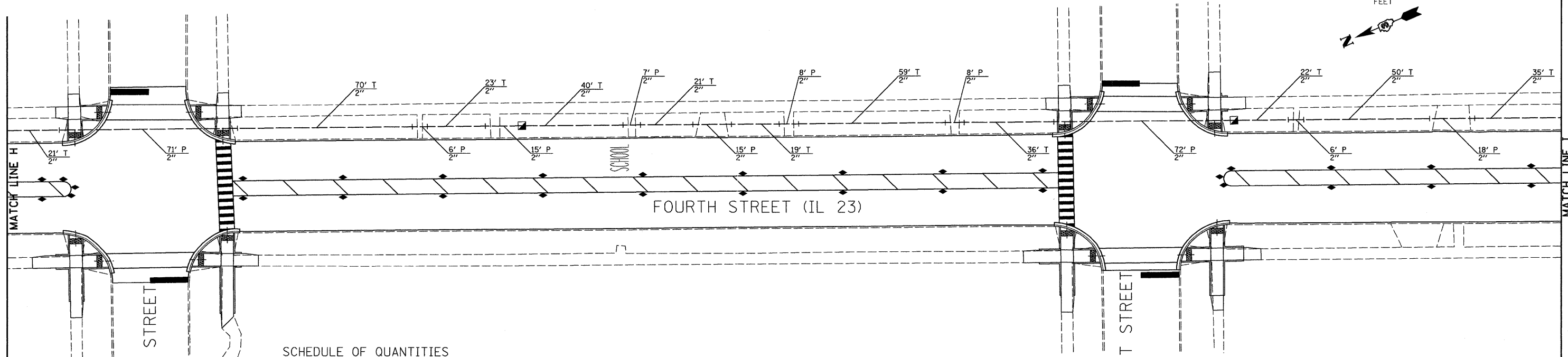
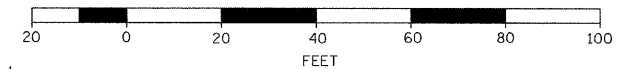
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INTERCONNECT PLAN  
FAP 68 (IL 23)/FOURTH STREET**

SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 86
CONTRACT NO. 66983				ILLINOIS FED. AID PROJECT

GRAPHIC SCALE



SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	657
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	481
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	657
87100160	FIBER OPTIC CABLE IN CONDUIT 62.5/125 24F	FOOT	1164
*3002213	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1164

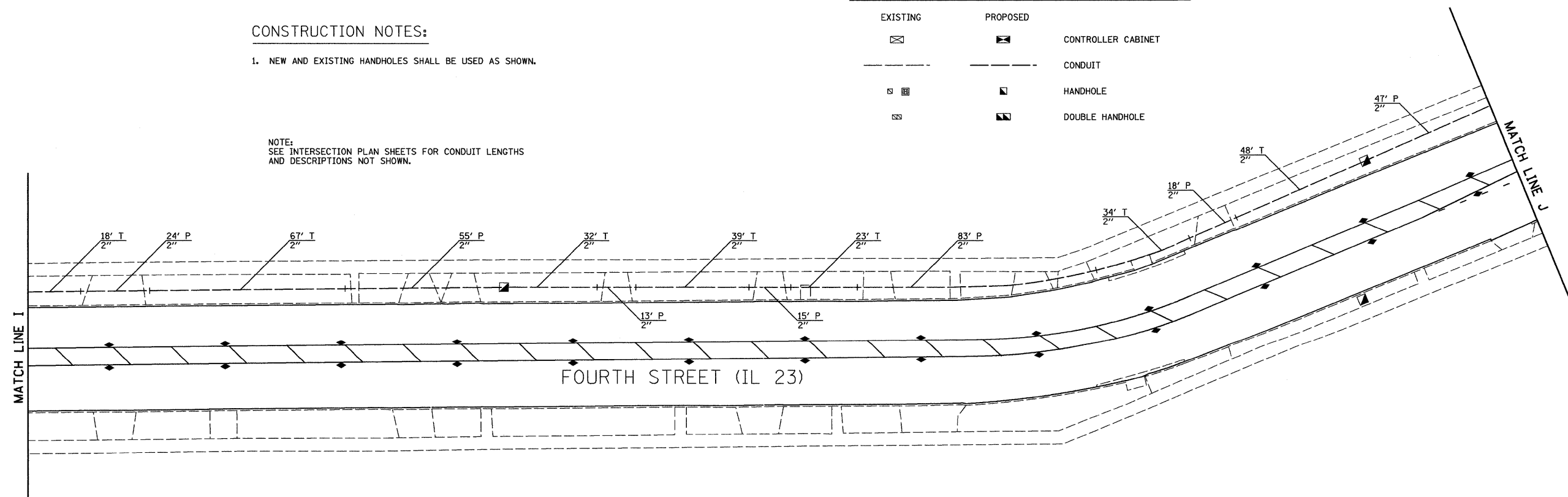
CONSTRUCTION NOTES:

- NEW AND EXISTING HANDHOLES SHALL BE USED AS SHOWN.

NOTE:  
SEE INTERSECTION PLAN SHEETS FOR CONDUIT LENGTHS  
AND DESCRIPTIONS NOT SHOWN.

TRAFFIC SIGNALS LEGEND

EXISTING	PROPOSED	
		CONTROLLER CABINET
		CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE



FILE NAME = 0366983-SHT-TS-INTERCONNECT.DGN

USER NAME = --

DESIGNED - DJD

REVISED - ---

DRAWN - ARR

REVISED - ---

CHECKED - DJD

REVISED - ---

DATE - 01/11

REVISED - ---

PLOT SCALE = 1" = 20'

PLOT DATE = 01/11

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INTERCONNECT PLAN  
FAP 68 (IL 23)/FOURTH STREET

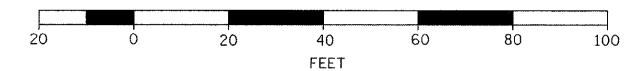
SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	87
CONTRACT NO. 66983				

ILLINOIS FED. AID PROJECT

MATCH LINE J

GRAPHIC SCALE

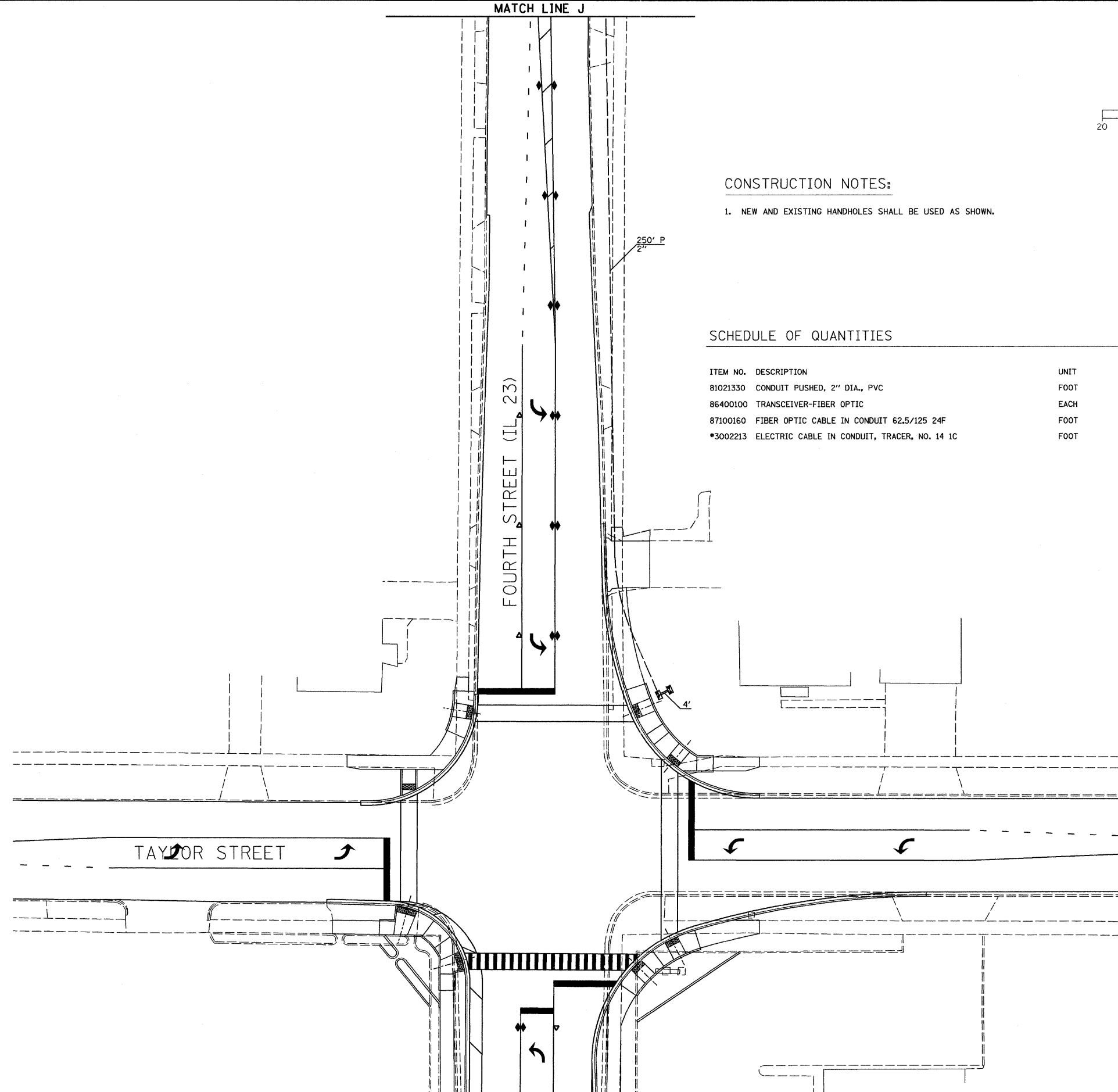


**CONSTRUCTION NOTES:**

1. NEW AND EXISTING HANDHOLES SHALL BE USED AS SHOWN.

**SCHEDULE OF QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	250
86400100	TRANSCEIVER-FIBER OPTIC	EACH	1
87100160	FIBER OPTIC CABLE IN CONDUIT 62.5/125 24F	FOOT	273
*3002213	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	273



NOTE:  
SEE INTERSECTION PLAN SHEETS FOR CONDUIT LENGTHS  
AND DESCRIPTIONS NOT SHOWN.

**TRAFFIC SIGNALS LEGEND**

EXISTING	PROPOSED	
		CONTROLLER CABINET
		CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE

FILE NAME =  
0366983-SHT-TS-INTERCONNECT.DGN

USER NAME = --  
DESIGNED - DJD  
DRAWN - ARR  
CHECKED - DJD  
DATE - 01/11

REVISI...  
REVISI...  
REVISI...  
REVISI...

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INTERCONNECT PLAN  
FAP 68 (IL 23)/FOURTH STREET**

SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 88
CONTRACT NO. 66983				ILLINOIS FED. AID PROJECT

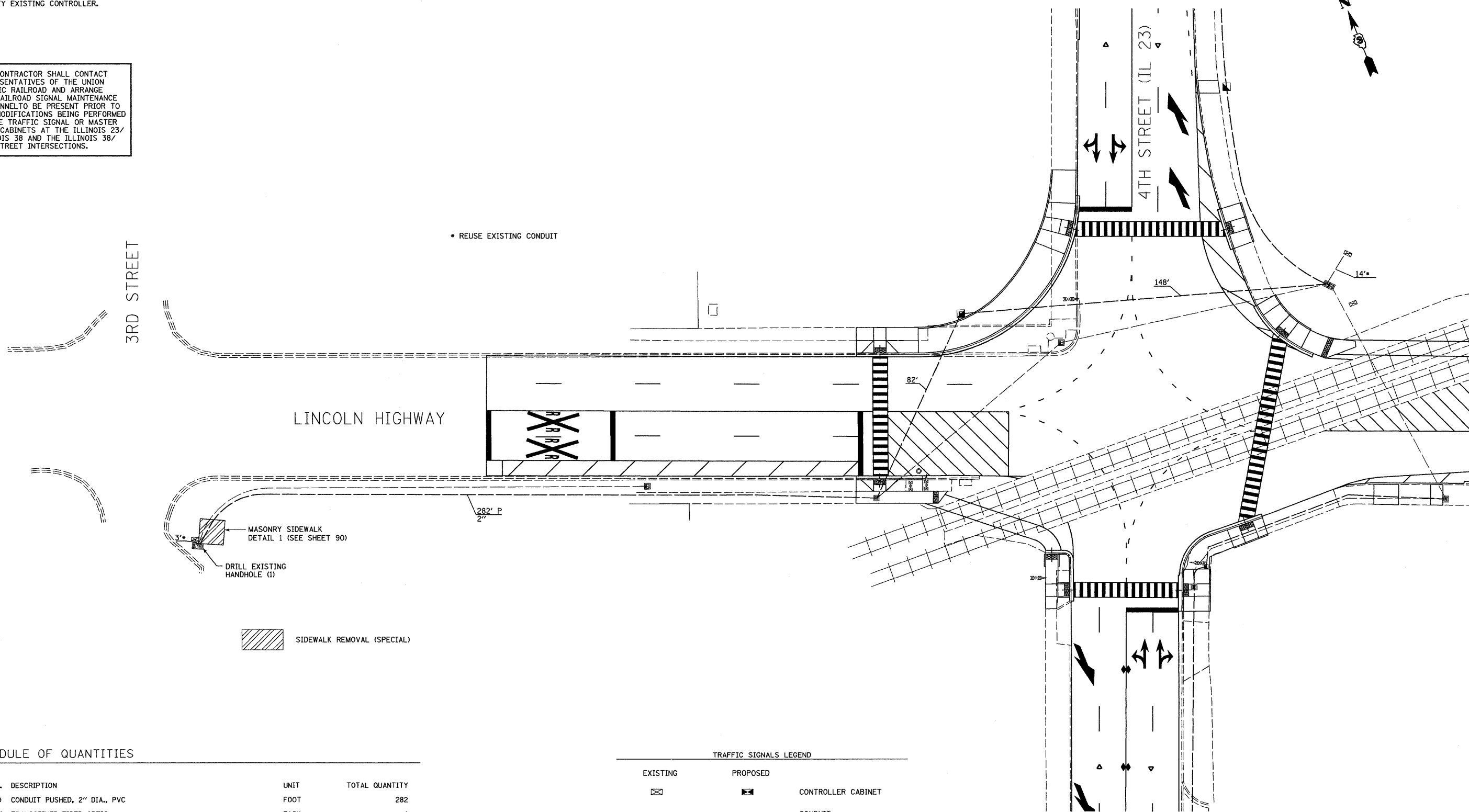
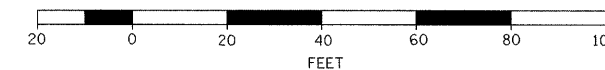


**CONSTRUCTION NOTES:**

1. THE CONTRACTOR SHALL REMOVE THE EXISTING INTERCONNECT CABLE AND REPLACE WITH FIBER OPTIC CABLE AS SPECIFIED.
2. NEW AND EXISTING HANDHOLES SHALL BE USED AS SHOWN.
3. MODIFY EXISTING CONTROLLER.

THE CONTRACTOR SHALL CONTACT REPRESENTATIVES OF THE UNION PACIFIC RAILROAD AND ARRANGE FOR RAILROAD SIGNAL MAINTENANCE PERSONNEL TO BE PRESENT PRIOR TO ANY MODIFICATIONS BEING PERFORMED IN THE TRAFFIC SIGNAL OR MASTER HORN CABINETS AT THE ILLINOIS 23/ ILLINOIS 38 AND THE ILLINOIS 38/ 3RD STREET INTERSECTIONS.

GRAPHIC SCALE



**SCHEDULE OF QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	282
86400100	TRANSCEIVER-FIBER OPTIC	EACH	1
87100160	FIBER OPTIC CABLE IN CONDUIT 62.5/125 24F	FOOT	580
87900200	DRILL EXISTING HANDHOLE	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
*3002213	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	580

**TRAFFIC SIGNALS LEGEND**

EXISTING	PROPOSED	
		CONTROLLER CABINET
		CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE

FILE NAME = 0366983-SHT-TS-INTERCONNECT.DGN

USER NAME = --  
 PLOT SCALE = 1" = 20'  
 PLOT DATE = 01/11

DESIGNED - DJD  
 DRAWN - ARR  
 CHECKED - DJD  
 DATE - 01/11

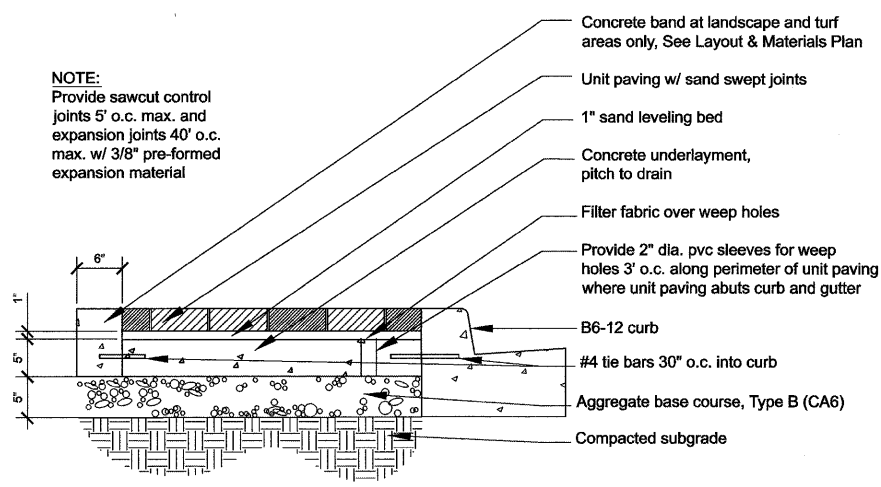
REVISED - ---  
 REVISED - ---  
 REVISED - ---  
 REVISED - ---

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INTERCONNECT PLAN  
 FAP 68 (IL 23)/FOURTH STREET**

SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

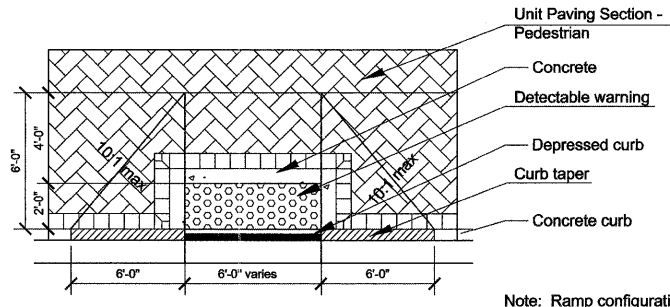
F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 89
				CONTRACT NO. 66983
ILLINOIS FED. AID PROJECT				



**NOTE:**  
Provide sawcut control joints 5' o.c. max. and expansion joints 40' o.c. max. w/ 3/8\"/>

**DETAIL 1**

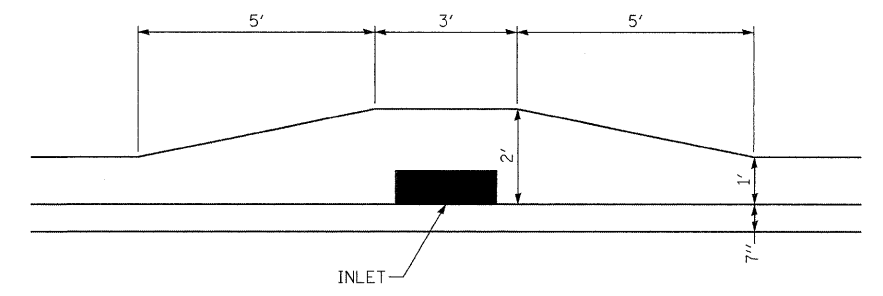
See sidewalk removal and replacement details for additional details



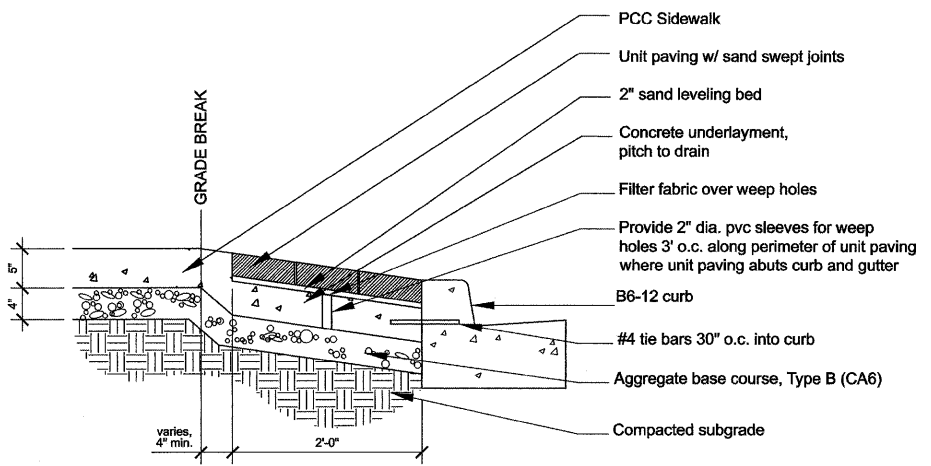
**ADA RAMP**

Note: Ramp configurations vary depending on specific field conditions - see layout plans for more information

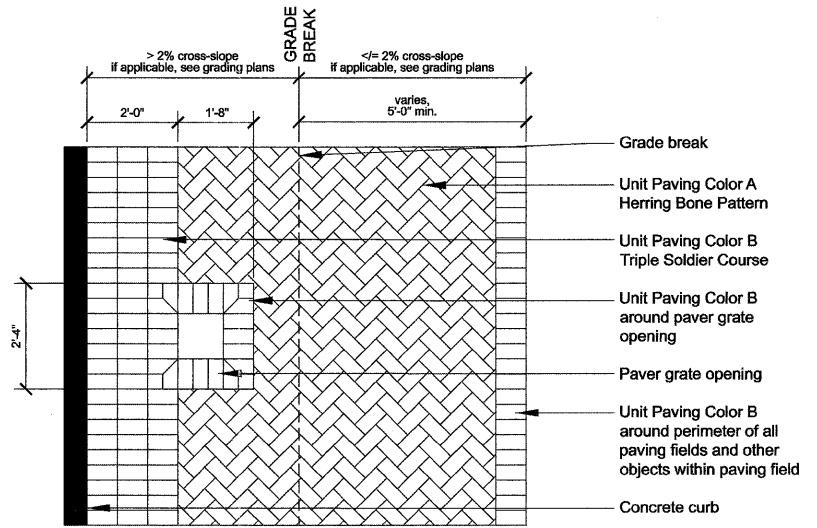
See ADA sidewalk ramp details and highway standard 424001 for additional details



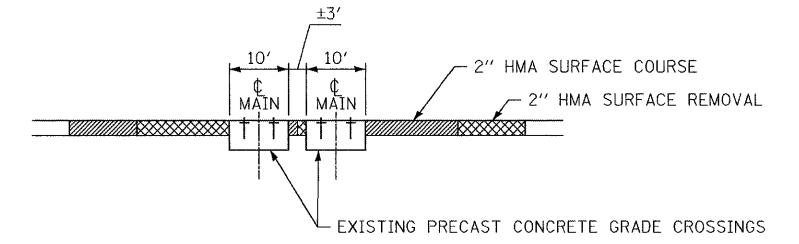
**GUTTER TRANSITION AT INLET DETAIL**



**DETAIL 2**



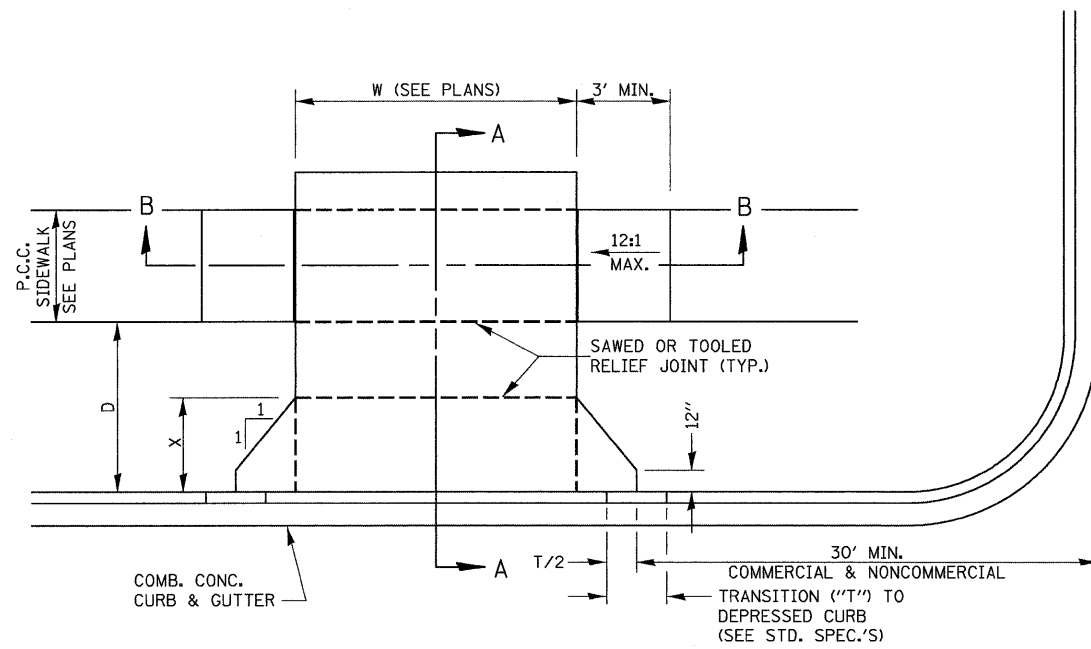
**MASONRY SIDEWALK PATTERN**



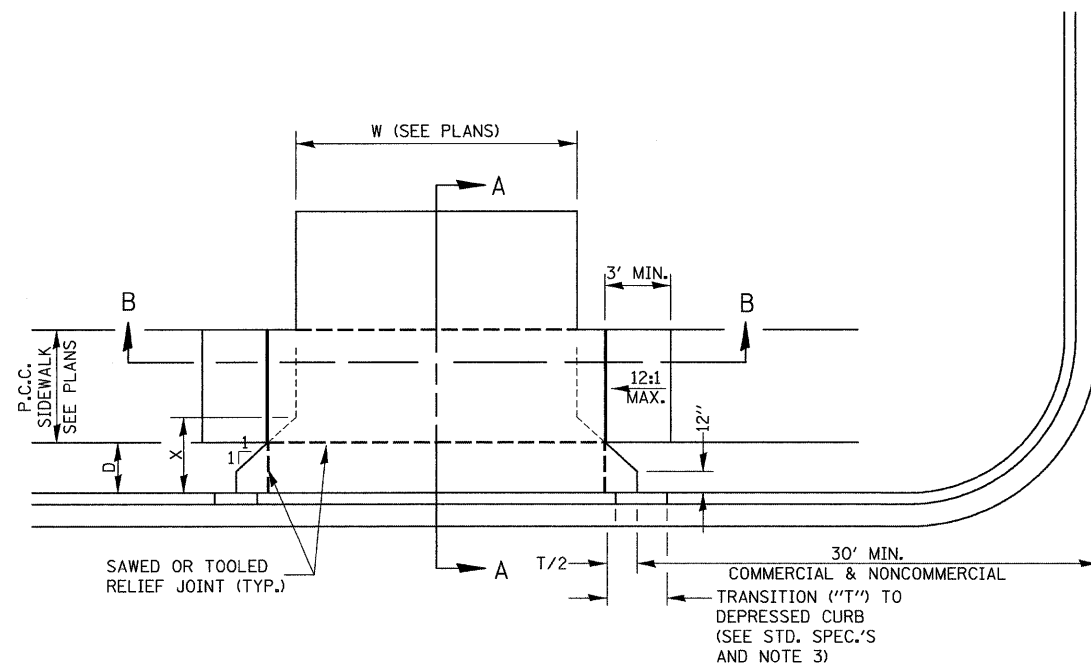
**PROPOSED MILLING & RESURFACING  
DETAIL AT UP RAILROAD CROSSING  
DOT /AAR NO. 175 042 V**

**MASONRY SIDEWALK DETAILS**

FILE NAME = D366983-SHT-DETAILS.DGN	USER NAME = ---	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>	F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 90
	PLOT SCALE = NONE	CHECKED - DJD	REVISED - ---			SCALE: NONE	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 66983	
	PLOT DATE = 01/11	DATE - 01/11	REVISED - ---			FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



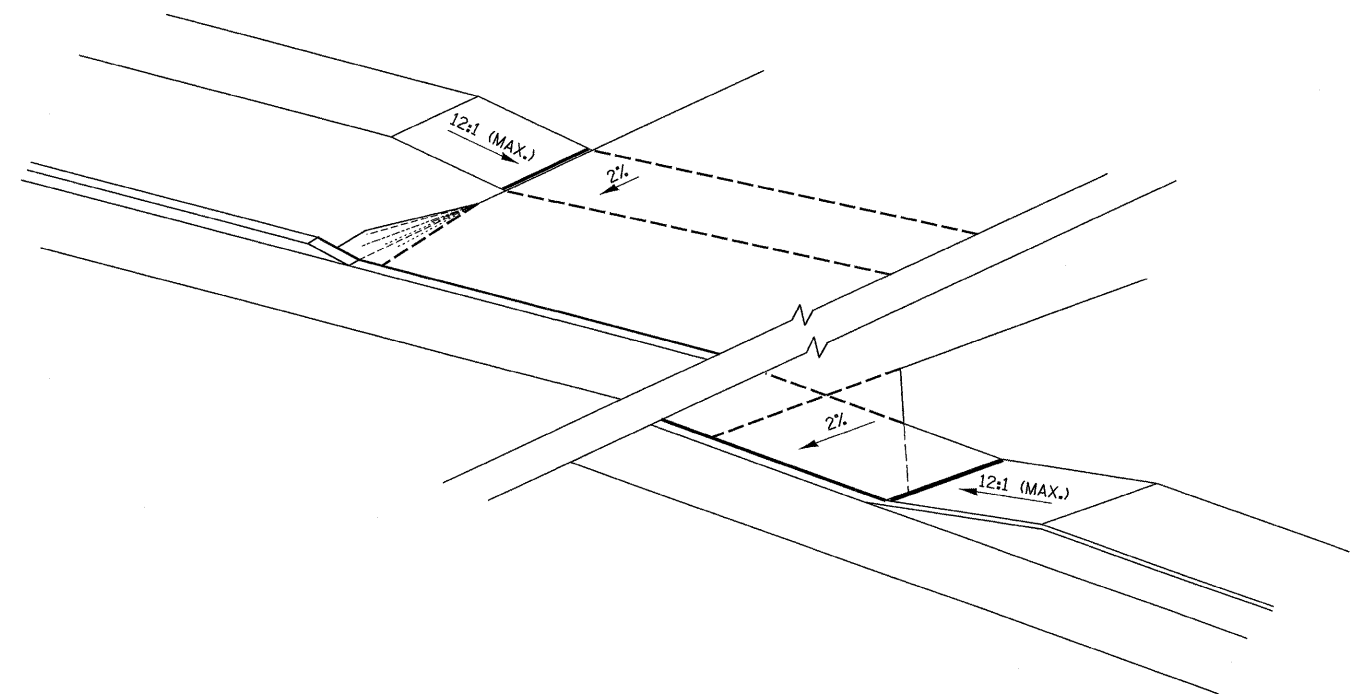
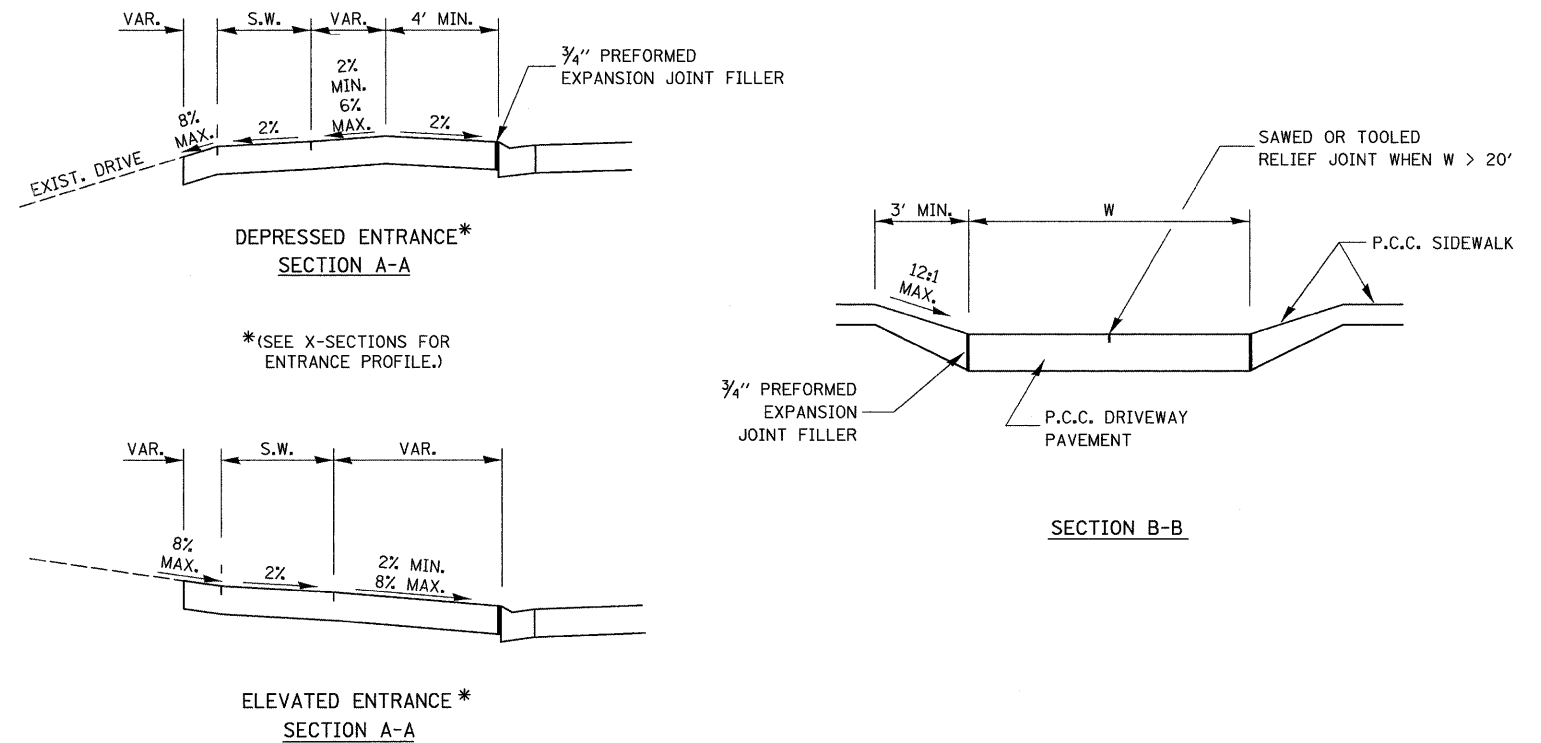
CASE I (D ≥ X)



CASE I (D < X)

GENERAL NOTES:

1. X = 7' (NON-COMMERCIAL) X = 15' (COMMERCIAL)
2. COST OF EXPANSION JOINTS AND RELIEF JOINTS SHALL BE INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT.
3. AS THE DIMENSION "D" APPROACHES ZERO, THE TRANSITION TO DEPRESSED CURB SHALL BE NO STEEPER THAN 12:1



423-1

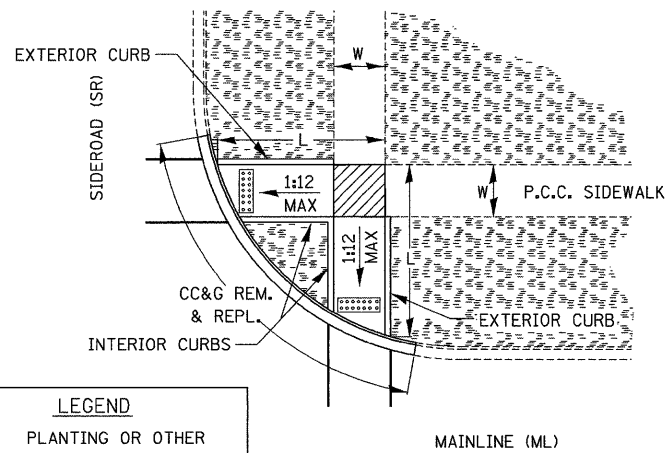
FILE NAME = 0366983-SHT-DETAILS.DGN	USER NAME = ---	DESIGNED - ---	REVISED - ---
		DRAWN - NV	REVISED - ---
		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: NONE SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 91
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				

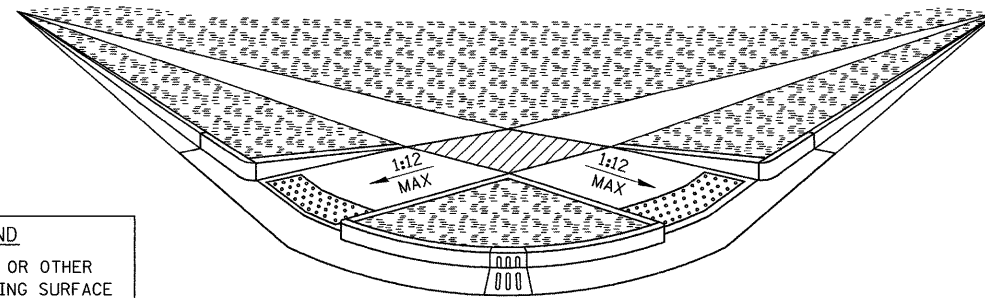


**LEGEND**

- PLANTING OR OTHER NON-WALKING SURFACE
- SLOPE = 2% MAX.
- DETECTABLE WARNING

**424-5**

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 1**

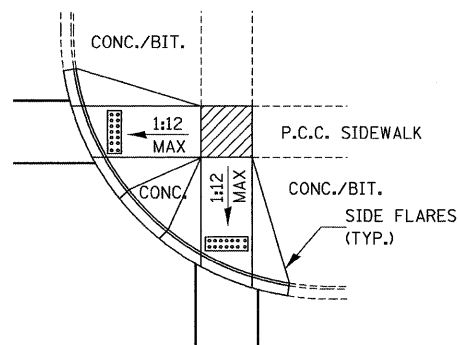


**LEGEND**

- PLANTING OR OTHER NON-WALKING SURFACE
- SLOPE = 2% MAX.
- DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 1 PERSPECTIVE WITH SIDE CURBS**

**424-7**



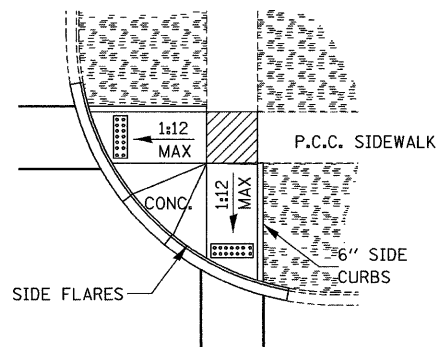
**LEGEND**

- PLANTING OR OTHER NON-WALKING SURFACE
- SLOPE = 2% MAX.
- DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 1 PERSPECTIVE WITH SIDE FLARES**

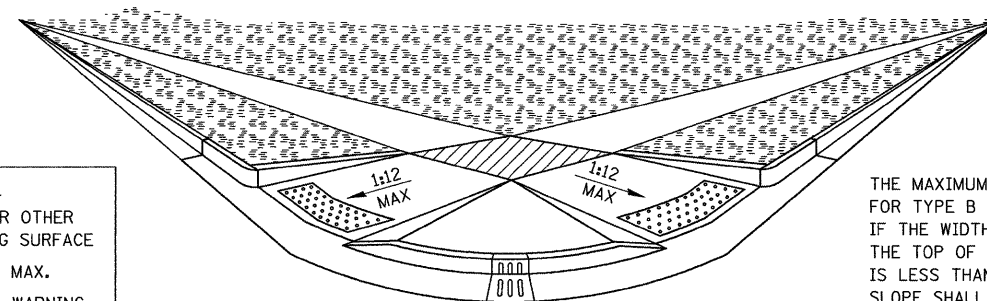
**424-8**

THE MAXIMUM SLOPE OF THE SIDE FLARE FOR TYPE B RAMPS SHALL BE 1:10; HOWEVER, IF THE WIDTH OF THE LANDING AREA BETWEEN THE TOP OF THE RAMP AND AN OBSTRUCTION IS LESS THAN 4'-0" THEN THE MAXIMUM SLOPE SHALL BE 1:12.



**LEGEND**

- PLANTING OR OTHER NON-WALKING SURFACE
- SLOPE = 2% MAX.
- DETECTABLE WARNING



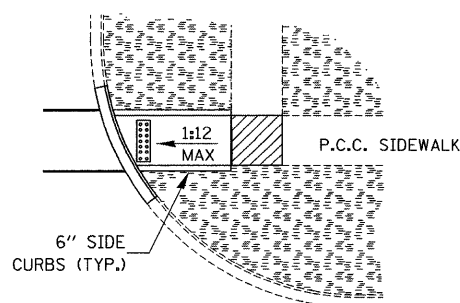
**LEGEND**

- PLANTING OR OTHER NON-WALKING SURFACE
- SLOPE = 2% MAX.
- DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 1 PERSPECTIVE WITH SIDE CURBS AND SIDE FLARES**

**424-9**

THE MAXIMUM SLOPE OF THE SIDE FLARE FOR TYPE B RAMPS SHALL BE 1:10; HOWEVER, IF THE WIDTH OF THE LANDING AREA BETWEEN THE TOP OF THE RAMP AND AN OBSTRUCTION IS LESS THAN 4'-0" THEN THE MAXIMUM SLOPE SHALL BE 1:12.



**424-6**

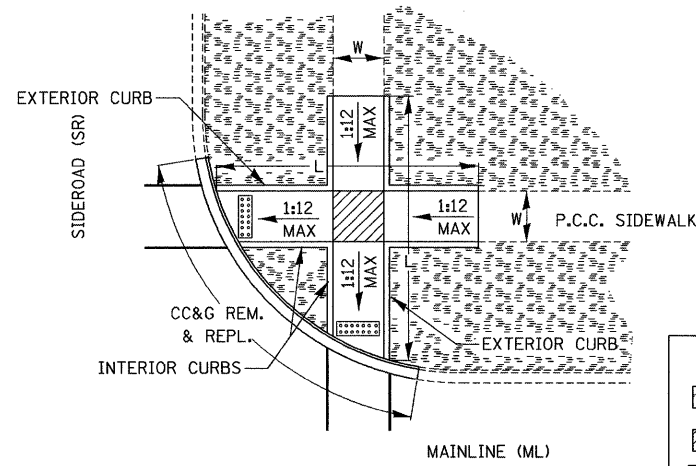
**TYPICAL CURB APPLICATIONS FOR METHOD 1**

FILE NAME = D366983-SHT-DETAILS.DGN	USER NAME = ---	DESIGNED - ---	REVISED - ---
		DRAWN - NV	REVISED - ---
		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS</b>	
SCALE: NONE	SHEET NO. ___ OF ___ SHEETS
STA. _____ TO STA. _____	

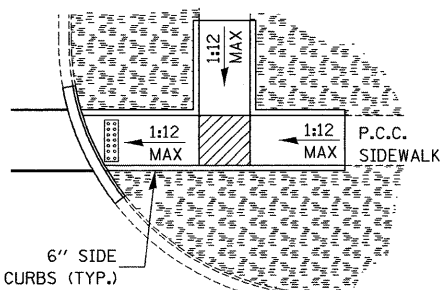
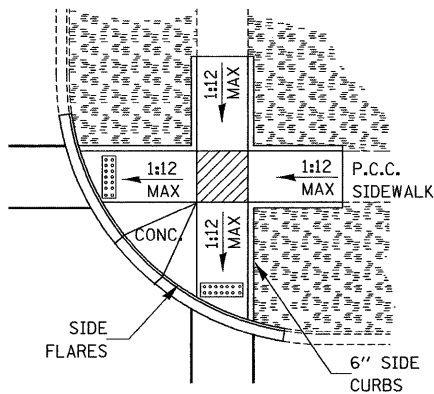
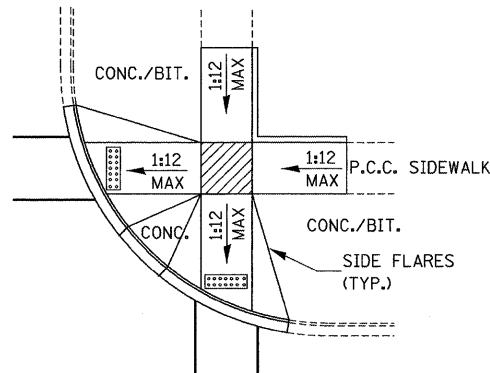
F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 92
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



**LEGEND**

- PLANTING OR OTHER NON-WALKING SURFACE
- SLOPE = 2% MAX.
- DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 2  
424-10**

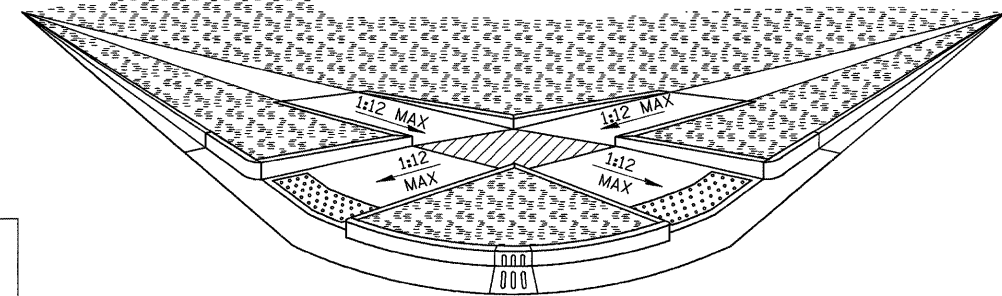


**LEGEND**

- PLANTING OR OTHER NON-WALKING SURFACE
- SLOPE = 2% MAX.
- DETECTABLE WARNING

**424-11**

**TYPICAL CURB APPLICATIONS FOR METHOD 2**

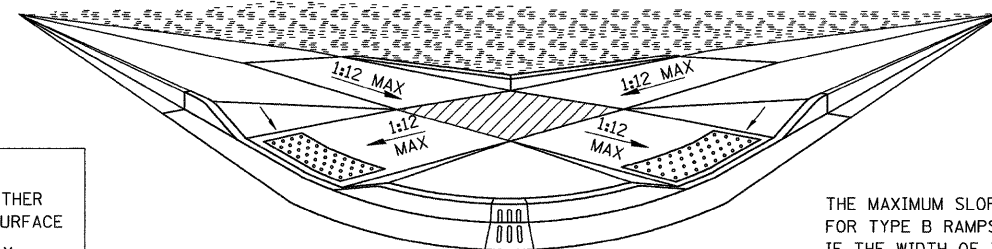


**LEGEND**

- PLANTING OR OTHER NON-WALKING SURFACE
- SLOPE = 2% MAX.
- DETECTABLE WARNING

**424-12**

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 2 PERSPECTIVE WITH SIDE CURBS**

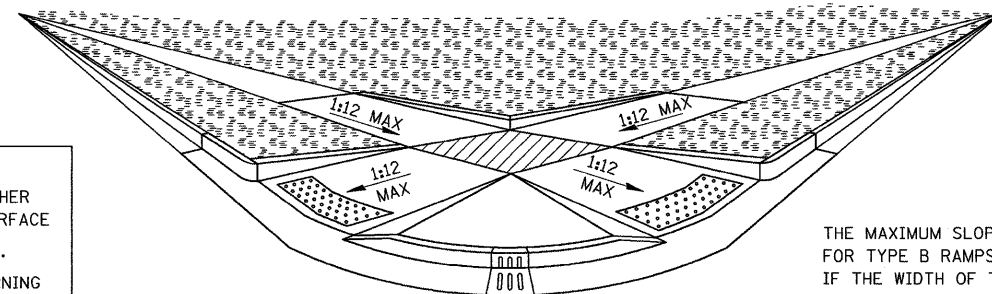


**LEGEND**

- PLANTING OR OTHER NON-WALKING SURFACE
- SLOPE = 2% MAX.
- DETECTABLE WARNING

THE MAXIMUM SLOPE OF THE SIDE FLARE FOR TYPE B RAMPS SHALL BE 1:10; HOWEVER, IF THE WIDTH OF THE LANDING AREA BETWEEN THE TOP OF THE RAMP AND AN OBSTRUCTION IS LESS THAN 4'-0" THEN THE MAXIMUM SLOPE SHALL BE 1:12.

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 2 PERSPECTIVE WITH SIDE FLARES  
424-13**



**LEGEND**

- PLANTING OR OTHER NON-WALKING SURFACE
- SLOPE = 2% MAX.
- DETECTABLE WARNING

THE MAXIMUM SLOPE OF THE SIDE FLARE FOR TYPE B RAMPS SHALL BE 1:10; HOWEVER, IF THE WIDTH OF THE LANDING AREA BETWEEN THE TOP OF THE RAMP AND AN OBSTRUCTION IS LESS THAN 4'-0" THEN THE MAXIMUM SLOPE SHALL BE 1:12.

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 2 PERSPECTIVE WITH SIDE CURBS AND SIDE FLARES  
424-14**

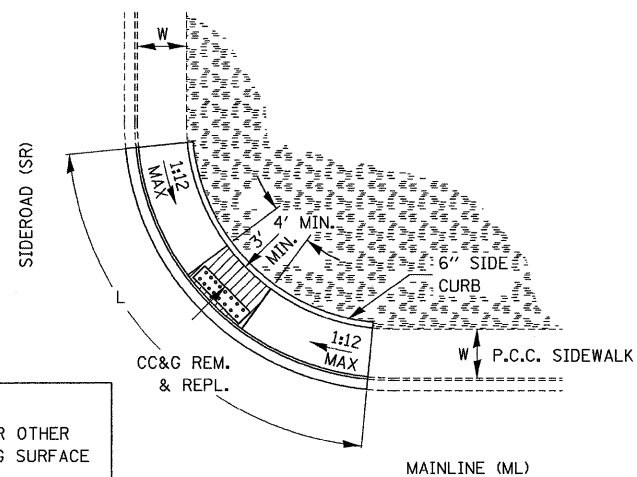
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	PLOT SCALE = NONE	DRAWN - NV	REVISED - ---
	PLOT DATE = 01/11	CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS**

SCALE: NONE SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

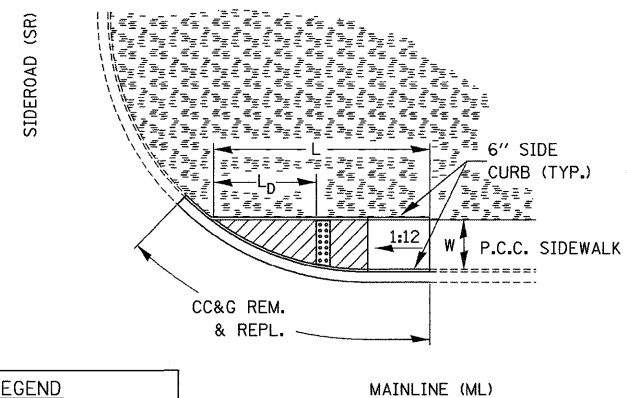
F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 93
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



- LEGEND**
- PLANTING OR OTHER NON-WALKING SURFACE
  - SLOPE = 2% MAX.
  - DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 3**

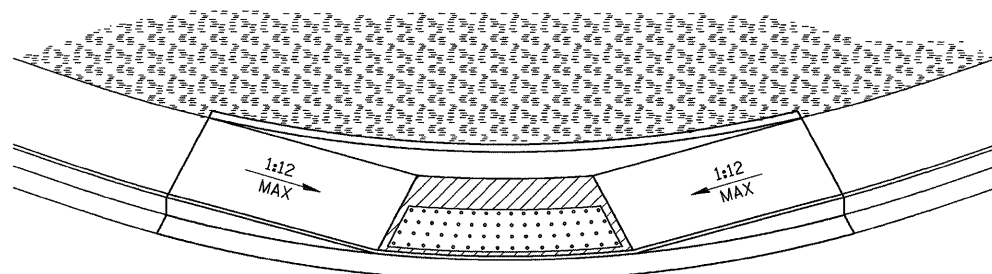
**424-15**



- $L_D \leq 5'$
- LEGEND**
- PLANTING OR OTHER NON-WALKING SURFACE
  - SLOPE = 2% MAX.
  - DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 4**

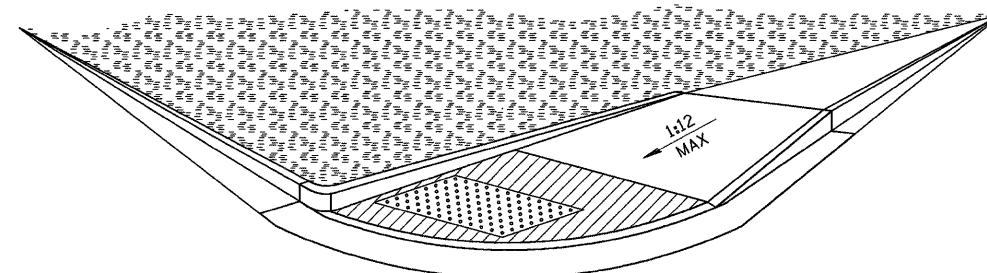
**424-17**



- LEGEND**
- PLANTING OR OTHER NON-WALKING SURFACE
  - SLOPE = 2% MAX.
  - DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 3 PERSPECTIVE**

**424-16**

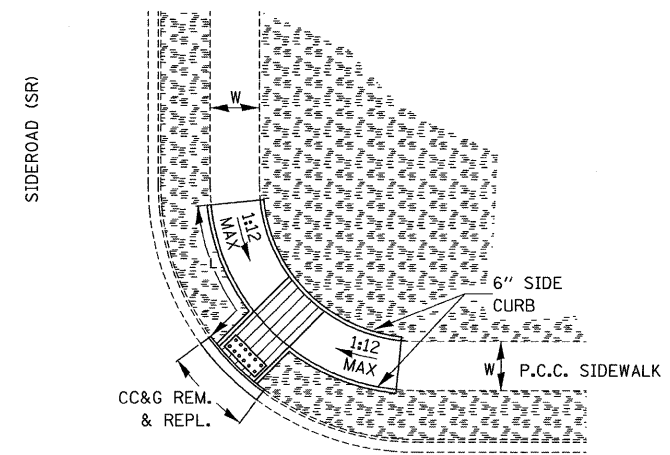


- LEGEND**
- PLANTING OR OTHER NON-WALKING SURFACE
  - SLOPE = 2% MAX.
  - DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 4 PERSPECTIVE**

**424-18**

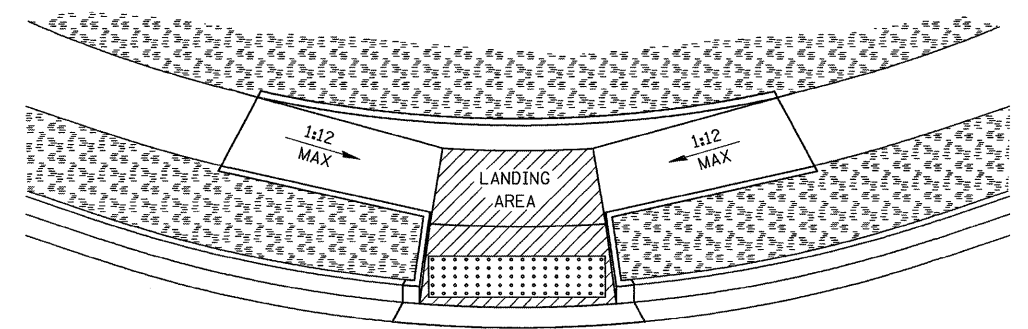
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	PLOT SCALE = NONE	CHECKED - DJD	REVISED - ---					68	(28)N, TS & I	DEKALB	120	94
	PLOT DATE = 01/11	DATE - 01/11	REVISED - ---		SCALE: NONE	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT CONTRACT NO. 66983				



LEGEND	
	PLANTING OR OTHER NON-WALKING SURFACE
	SLOPE = 2% MAX.
	DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 5**

**424-19**

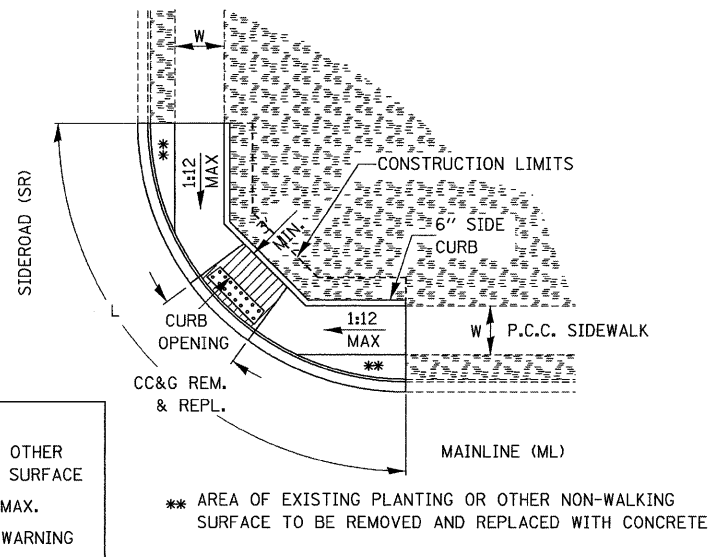


LEGEND	
	PLANTING OR OTHER NON-WALKING SURFACE
	SLOPE = 2% MAX.
	DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 5 PERSPECTIVE**

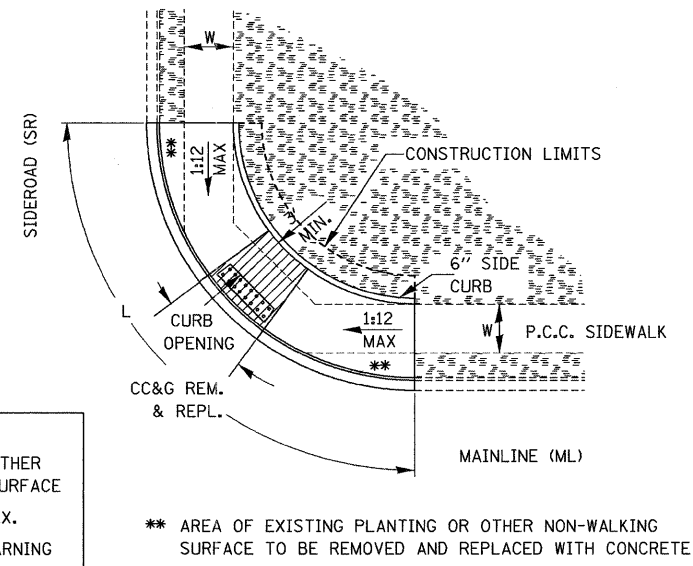
**424-20**

FILE NAME = D366983-SHT-DETAILS.DGN	USER NAME = ---	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>	F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 95		
PLOT SCALE = NONE	CHECKED - DJD	REVISED - ---	REVISED - ---			SCALE: NONE	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 66983			
PLOT DATE = 01/11	DATE - 01/11	REVISED - ---	REVISED - ---			FED. ROAD DIST. NO. _ [ILLINOIS] FED. AID PROJECT						



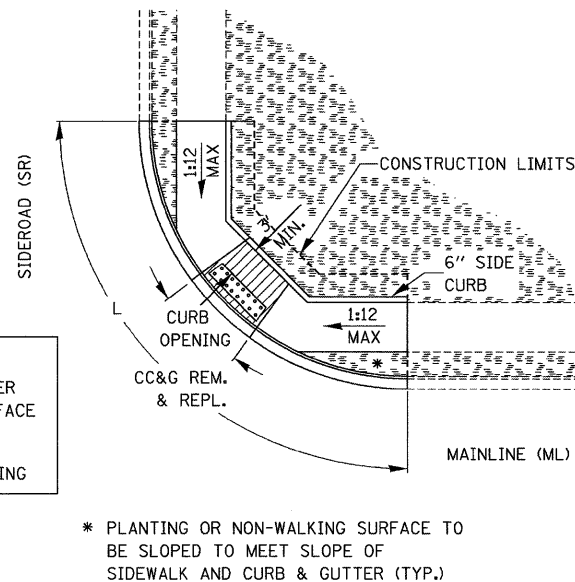
**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 6**

**424-21**



**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 6**

**424-22**

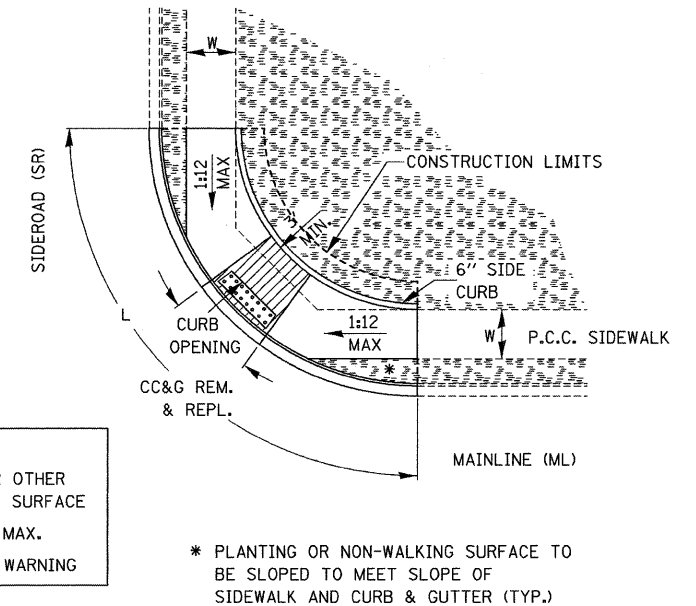


**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 6**

**424-23**

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 6**

**424-24**



**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 6**

**424-25**

FILE NAME =	USER NAME = ---
D366983-SHT-DETAILS.DGN	
PLOT SCALE = NONE	
PLOT DATE = 01/11	

DESIGNED - ---	REVISED - ---
DRAWN - NV	REVISED - ---
CHECKED - DJD	REVISED - ---
DATE - 01/11	REVISED - ---

DESIGNED - ---	REVISED - ---
DRAWN - NV	REVISED - ---
CHECKED - DJD	REVISED - ---
DATE - 01/11	REVISED - ---

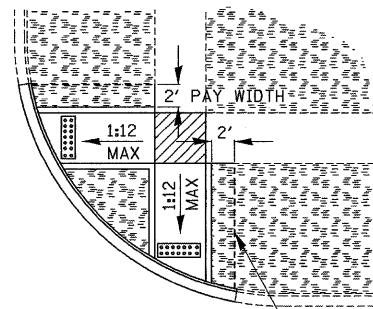
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS**

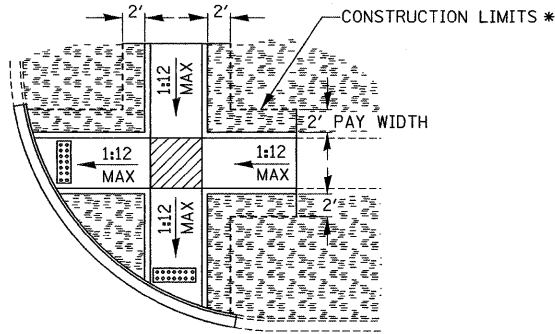
SCALE: NONE SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	96
CONTRACT NO. 66983				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				

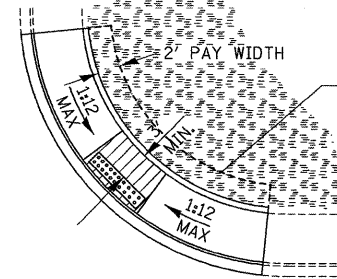




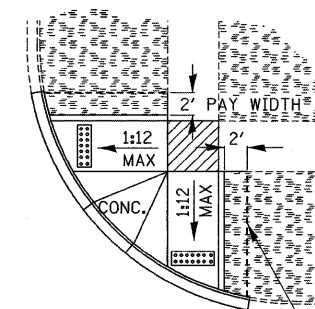
CONSTRUCTION LIMITS \*



CONSTRUCTION LIMITS \*



CONSTRUCTION LIMITS \*



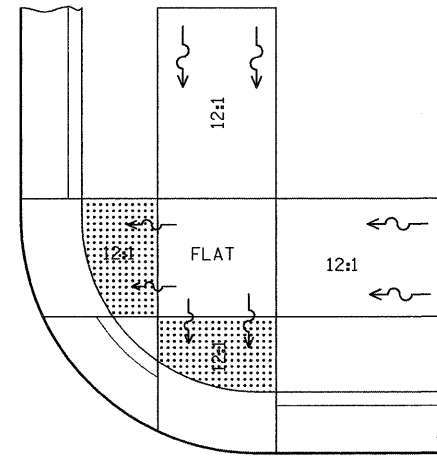
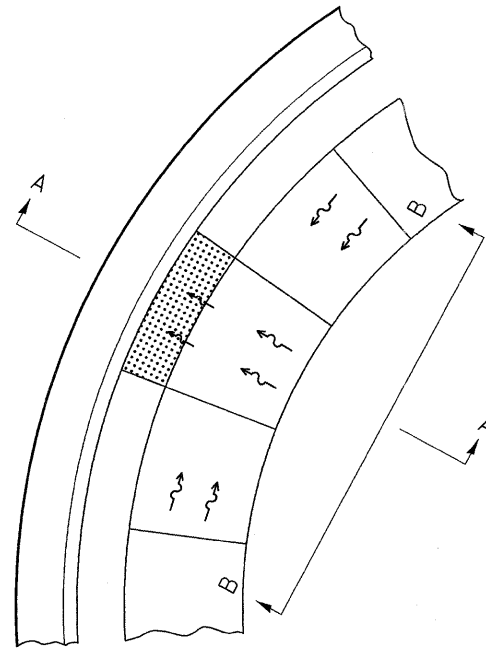
CONSTRUCTION LIMITS \*

LEGEND	
	PLANTING OR OTHER NON-WALKING SURFACE
	SLOPE = 2% MAX.
	DETECTABLE WARNING

\* PAY FOR SOD IN PLANTING AREAS OR REMOVE AND REPLACE FOR OTHER SURFACES

## ADA SIDEWALK ACCESSIBILITY RAMP TYPICAL SODDING DETAILS FOR SIDEWALK RAMP 424-26

FILE NAME = 0365983-SHT-DETAILS.DGN	USER NAME = ---	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = NONE	CHECKED - DJD	REVISED - ---					68	(28)N, TS & I	DEKALB	120	97	
	PLOT DATE = 01/11	DATE - 01/11	REVISED - ---		SCALE: NONE	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 66983					
								FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					



SEE STANDARD 424001 FOR SIDE FLARE  
DETAIL & SEE PLANS FOR RAMP TYPE.

NOTES:

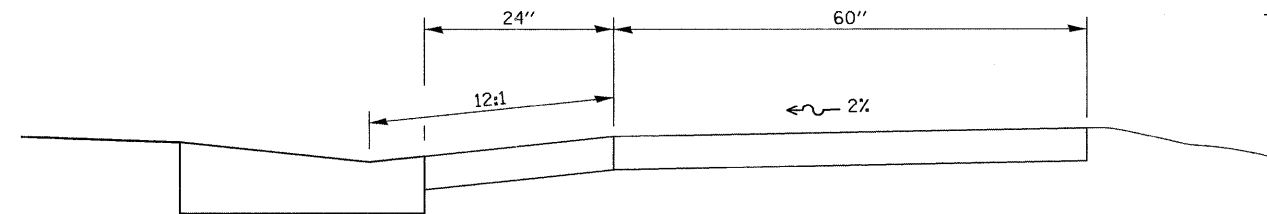
THIS DETAIL TO BE USED IN CONJUNCTION WITH STATE STANDARD 424001.

THE MAXIMUM ALLOWABLE CROSS SLOPE FOR SIDEWALK IS 2%.

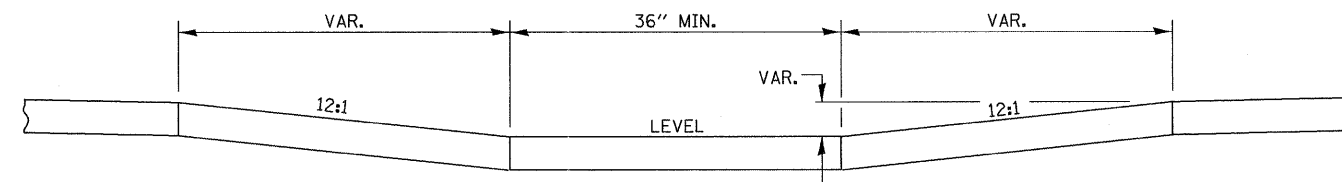
THE MAXIMUM ALLOWABLE SIDEWALK GRADE IS 8%.

IF SPACE LIMITATIONS PROHIBIT THE USE OF THE 12:1 SLOPE, THEN SLOPES BETWEEN 10:1 AND 12:1 ARE PERMITTED FOR A MAXIMUM RISE OF 6". SLOPES 8:1 AND 10:1 ARE ALLOWED FOR A MAXIMUM RISE OF 3". SLOPES STEEPER THAN 8:1 ARE NOT PERMITTED.

THE DEPRESSED CURB IS NOT STANDARD. THE RISE IS 1/2" INSTEAD OF 1 1/2".



SECTION A-A

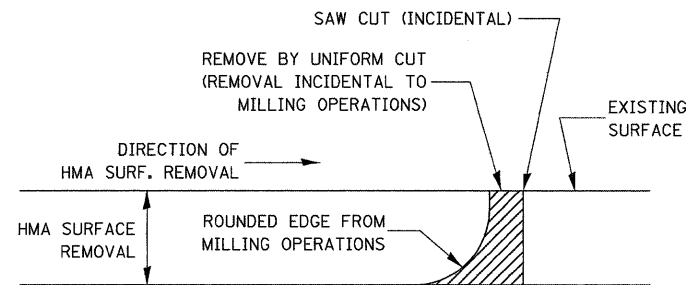


SECTION B-B

**ADA SIDEWALK ACCESSIBILITY RAMP DETAIL**

**424-29**

FILE NAME = D366983-SHT-DETAILS.DGN	USER NAME = ---	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>	F.A.P. RTE. = 68	SECTION = (28)N, TS & I	COUNTY = DEKALB	TOTAL SHEETS = 120	SHEET NO. = 98	
PLOT SCALE = NONE	CHECKED - DJD	REVISED - ---	SCALE: NONE			SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 66983			
PLOT DATE = 01/11	DATE - 01/11	REVISED - ---	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT								

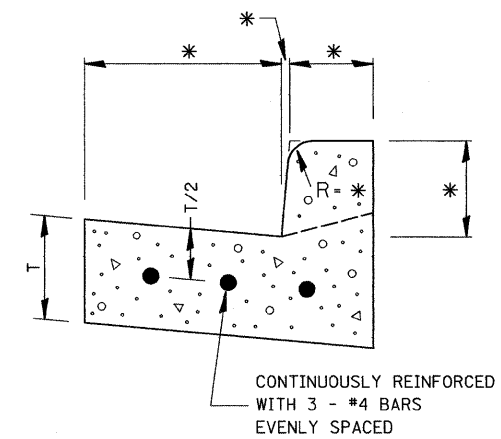


NOTE:  
 WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE,  
 THEN A SAW CUT SHALL BE USED TO MANUFACTURE  
 A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL.  
 THE ENGINEER SHALL BE THE SOLE JUDGE  
 CONCERNING THE USE OF THIS DETAIL.

**HMA DETAIL AT BUTT JOINTS**

406-8

\* VARIES - SEE STANDARD 606001

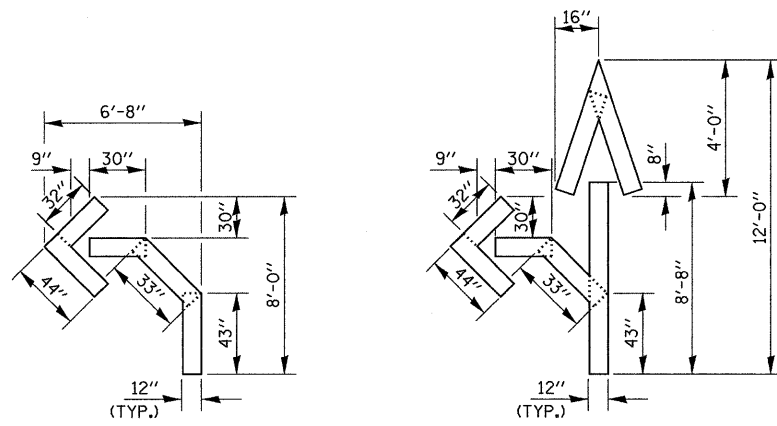


REINFORCEMENT SHALL NOT BE PAID FOR  
 SEPARATELY BUT WILL BE INCLUDED IN THE  
 CONTRACT UNIT PRICE FOR CC&G.

**REINFORCEMENT DETAIL  
 FOR  
 COMBINATION CONCRETE  
 CURB AND GUTTER**

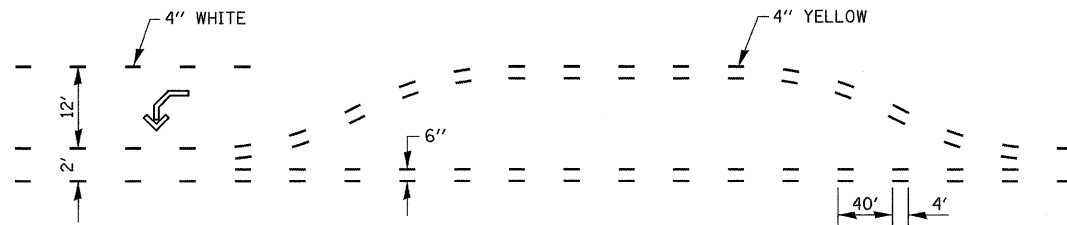
606-4

FILE NAME = 0366983-SHT-DETAILS.DGN	USER NAME = ---	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>	F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 99	
PLOT SCALE = NONE	CHECKED - DJD	REVISED - ---	REVISED - ---			CONTRACT NO. 66983					
PLOT DATE = 01/11	DATE - 01/11	REVISED - ---	REVISED - ---			FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					
SCALE: NONE		SHEET NO. ___ OF ___ SHEETS				STA. _____ TO STA. _____					



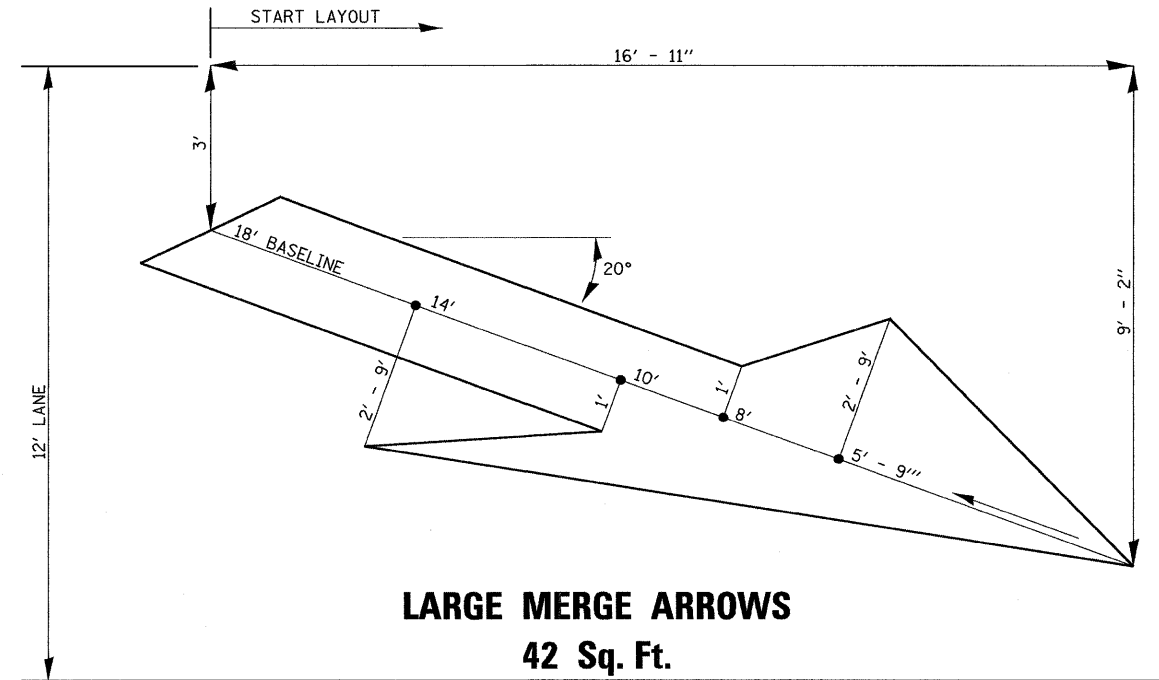
QUANTITY  
12" LINE = 16 LIN. FT.  
OR 4" LINE = 48 LIN. FT.

QUANTITY  
12" LINE = 29 LIN. FT.  
OR 4" LINE = 87 LIN. FT.



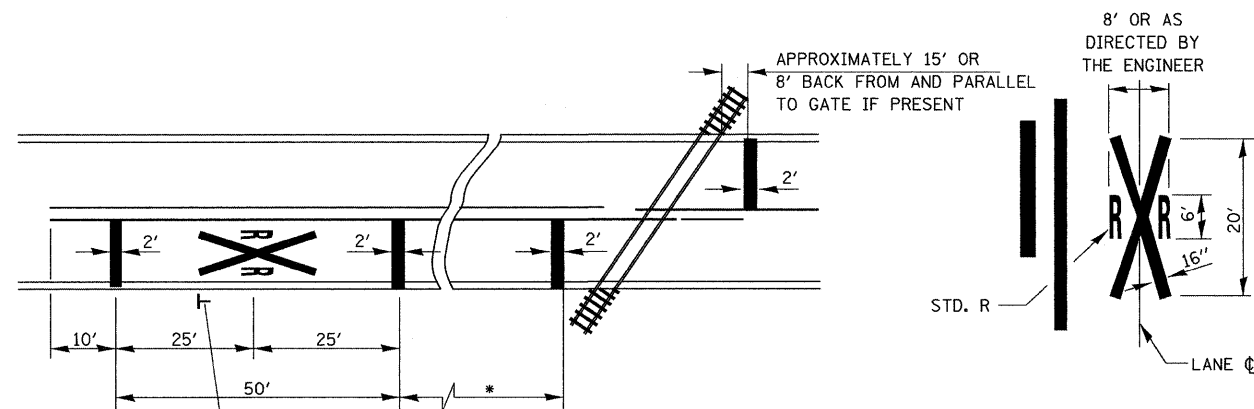
**SHORT-TERM PAVEMENT MARKING  
FOR MEDIANS AND ARROWS**

703-1



**LARGE MERGE ARROWS  
42 Sq. Ft.**

780-17

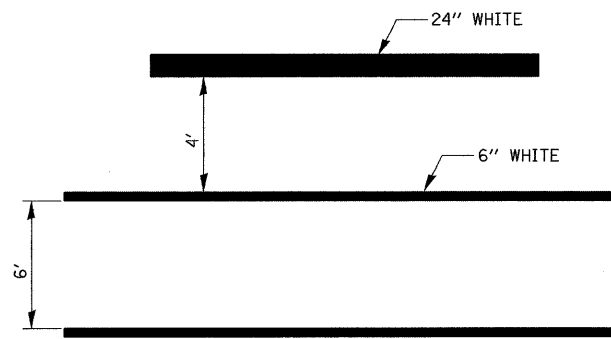


**PAVEMENT MARKINGS AT  
RAILROAD-HIGHWAY GRADE CROSSING**

NOTES:  
THE TRANSVERSE SPREAD OF THE "X"  
MAY VARY ACCORDING TO LANE WIDTH.  
ON MULTI-LANE ROADS, THE STOP LINES  
SHALL EXTEND ACROSS ALL APPROACH  
LANES AND SEPARATE RXR SYMBOLS SHALL  
BE PLACED ADJACENT TO EACH OTHER  
IN EACH LANE.  
WHEN THE PAVEMENT MARKING SYMBOL  
IS USED, A PORTION OF THE SYMBOL  
SHOULD BE LOCATED DIRECTLY ADJACENT  
TO THE ADVANCE WARNING SIGN (W10-1).

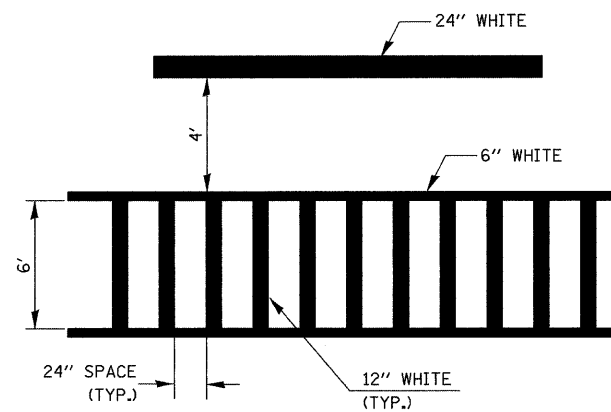
780-15

FILE NAME = 0366983-SHT-DETAILS.DGN	USER NAME = ---	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>	F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 100	
PLOT SCALE = NONE	CHECKED - DJD	REVISED - ---	REVISED - ---			SCALE: NONE SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____					
PLOT DATE = 01/11	DATE - 01/11	REVISED - ---	REVISED - ---			FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					
						CONTRACT NO. 66983					



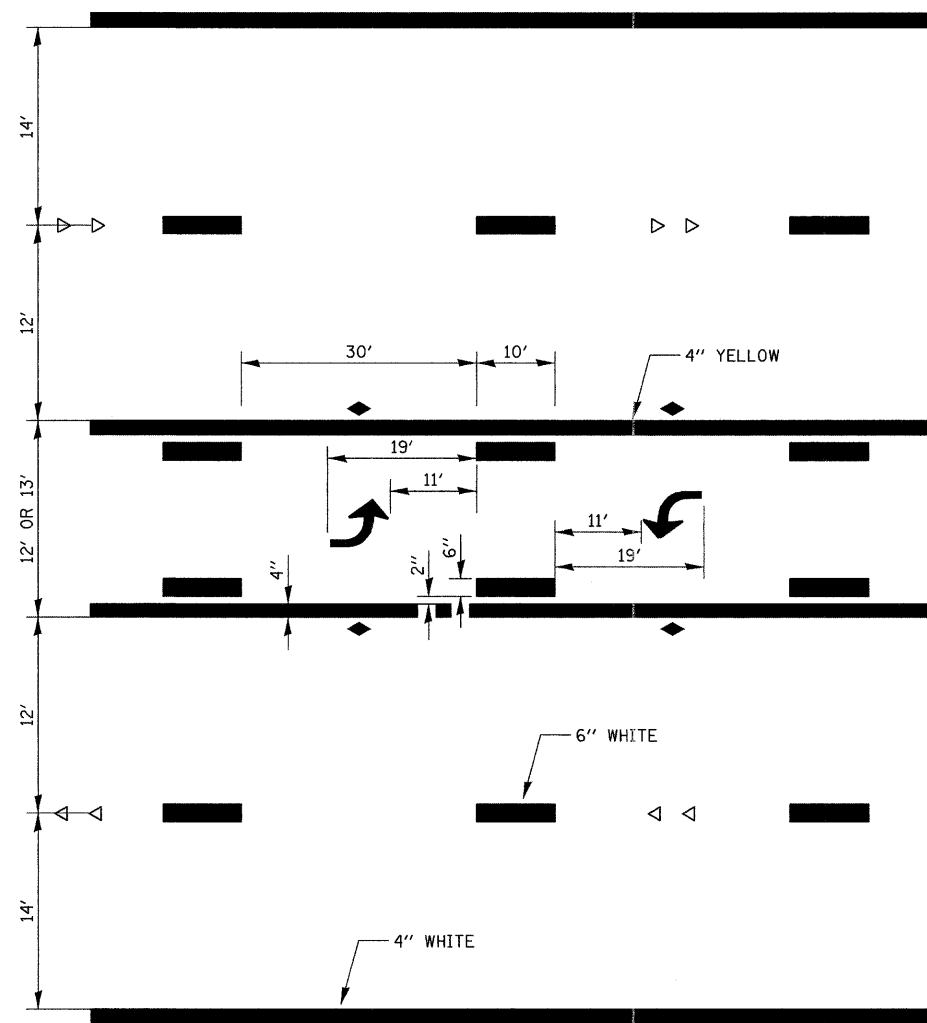
**TYPICAL SPACING DETAIL FOR  
CROSSWALKS AND STOP BARS**

**780-3  
OPTION 1**

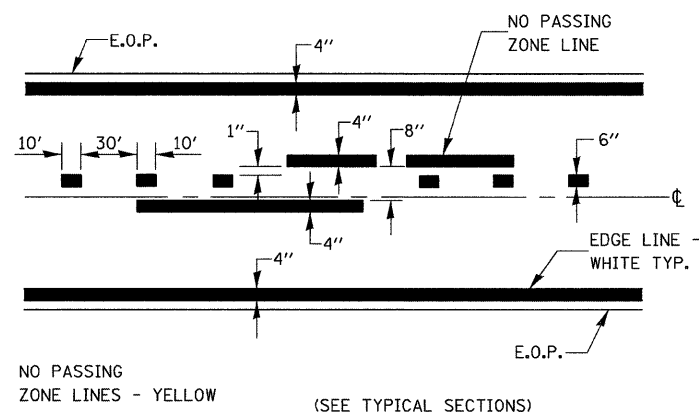


**TYPICAL SPACING DETAIL FOR  
CROSSWALKS AND STOP BARS**

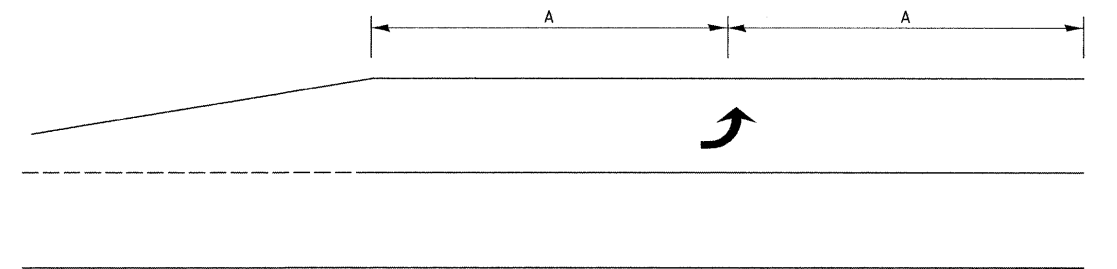
**780-3  
OPTION 2**



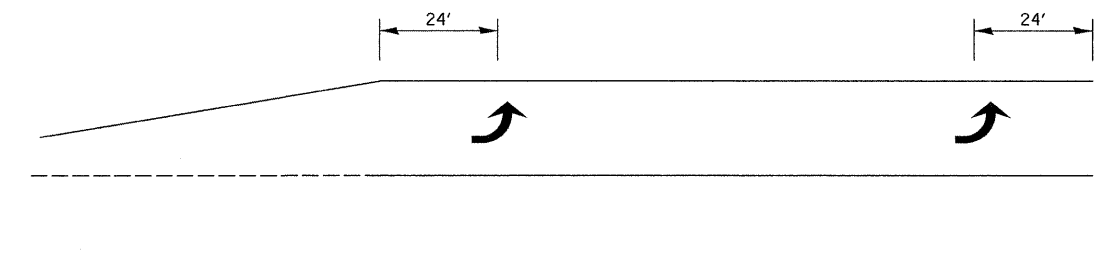
**TYPICAL APPLICATION @  
TWO WAY LEFT TURN LANE (TWLTL)**  
**780-2**



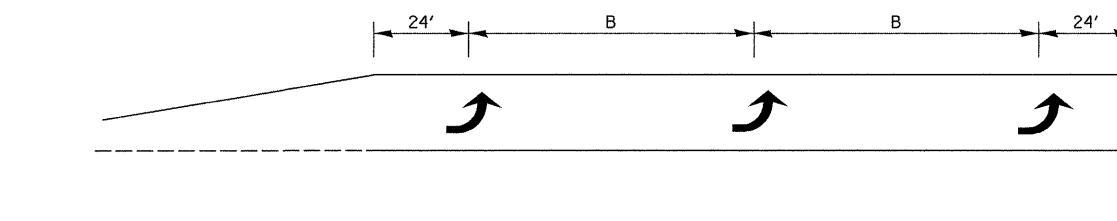
**PAVEMENT MARKING 780-8**



**99' AND UNDER**



**100' TO 149'**



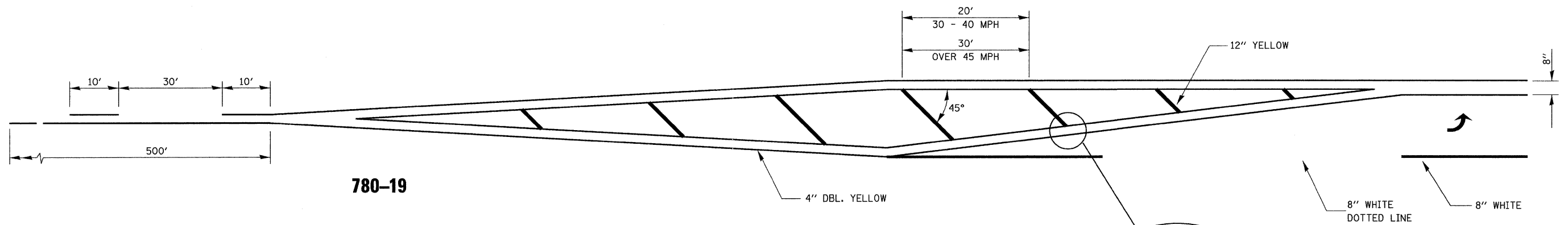
**150' AND LONGER**

**TYPICAL PLACEMENT OF ARROWS  
IN TURN LANES**

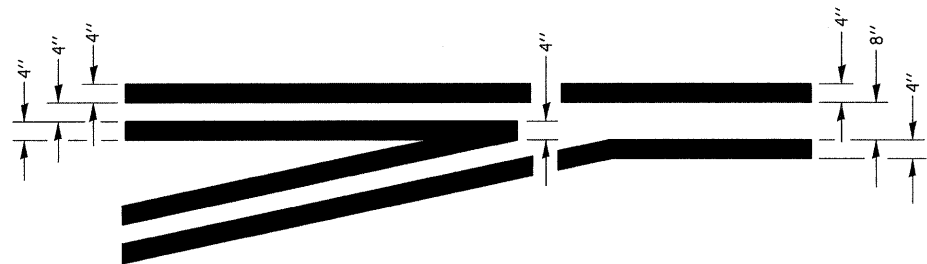
**780-10**

# URBAN PAVEMENT MARKING

FILE NAME = 0366983-SHT-DETAILS.DGN	USER NAME = ---	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>				F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 101
					SCALE: NONE	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		CONTRACT NO. 66983			
PLOT SCALE = NONE													
PLOT DATE = 01/11													

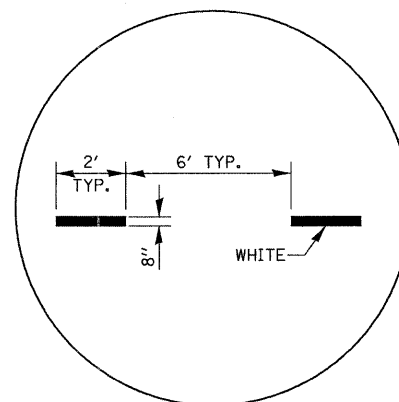
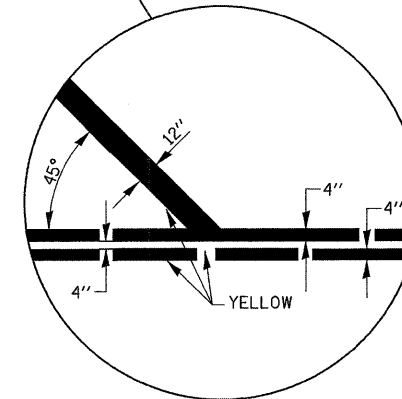


780-19



**TYPICAL APPLICATION  
@ LEFT TURN LANES**

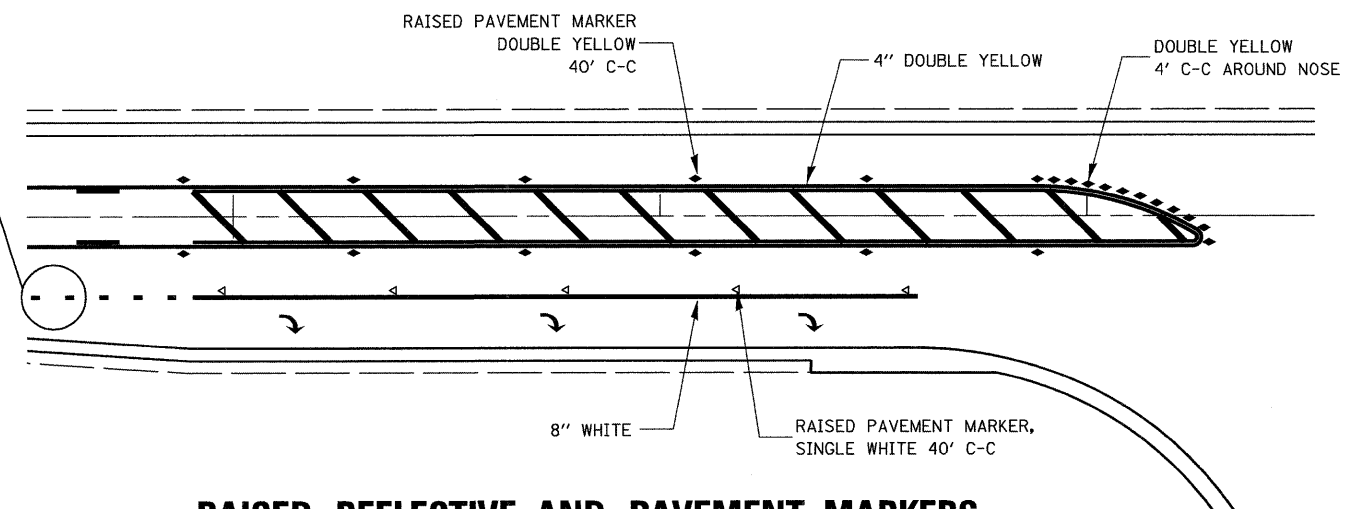
780-1



**ADVANCE AND INTERSECTION LANE  
DIVIDER LINES**

780-5

# URBAN PAVEMENT MARKING



**RAISED REFLECTIVE AND PAVEMENT MARKERS  
@ RIGHT TURN LANE**

781-1

FILE NAME = D366983-SHT-DETAILS.DGN	USER NAME = ---	DESIGNED - ---	REVISED - ---
		DRAWN - NV	REVISED - ---
		CHECKED - DJD	REVISED - ---
		DATE - 01/11	REVISED - ---

PLOT SCALE = NONE	CHECKED - DJD	REVISED - ---
PLOT DATE = 01/11	DATE - 01/11	REVISED - ---

DESIGNED - ---	REVISED - ---
DRAWN - NV	REVISED - ---
CHECKED - DJD	REVISED - ---
DATE - 01/11	REVISED - ---

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

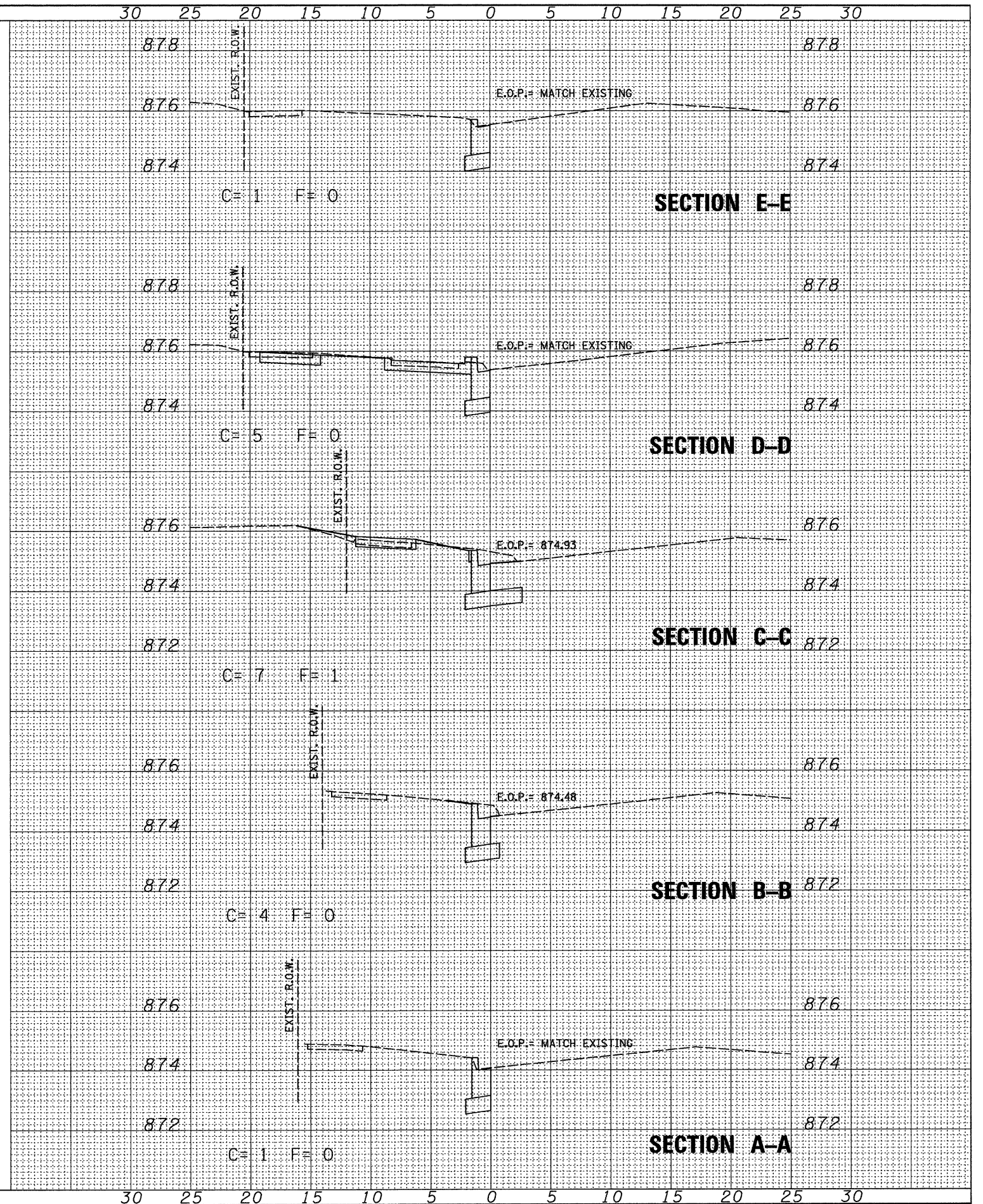
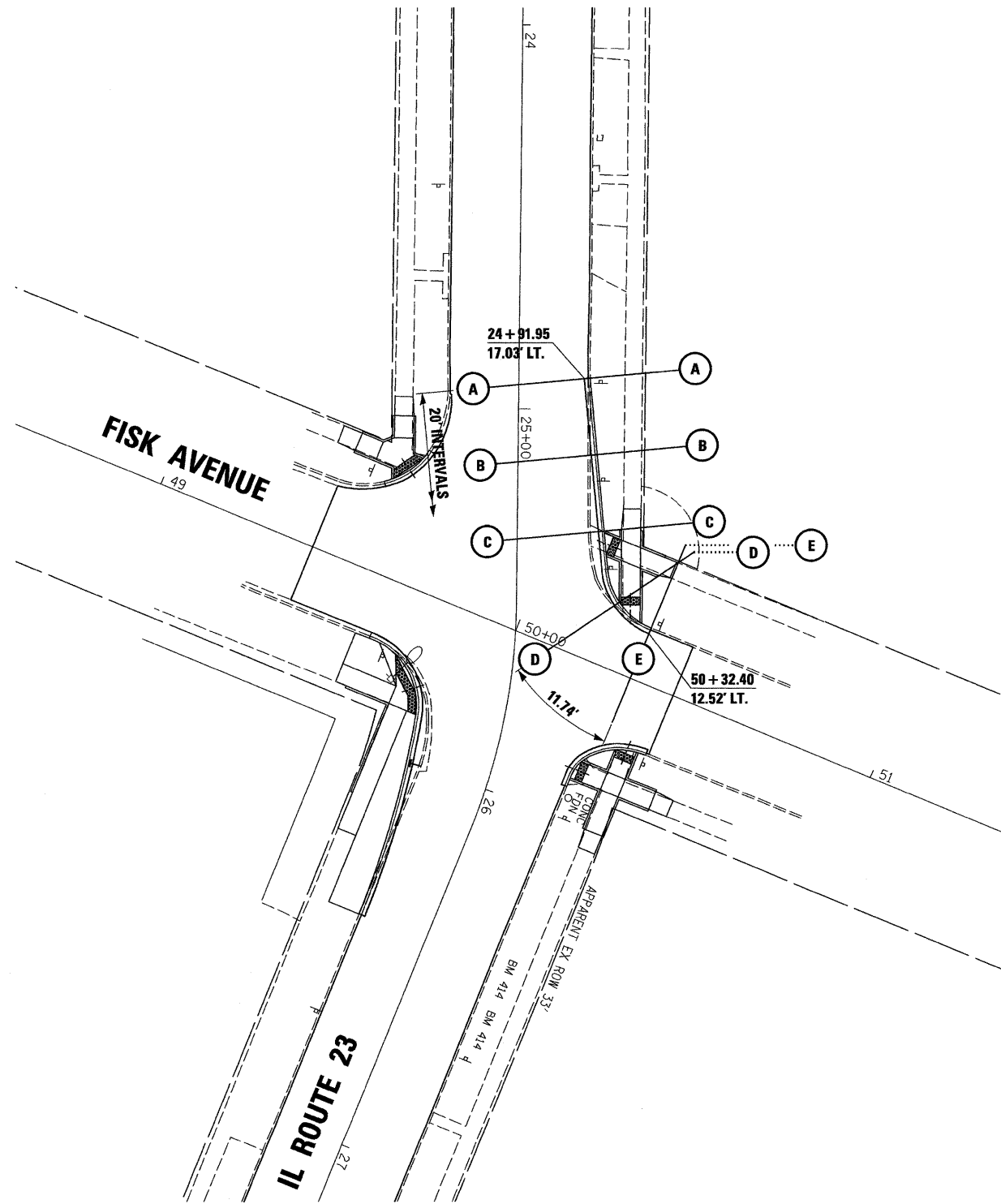
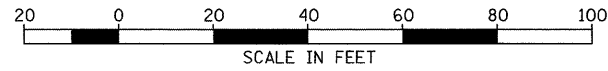
**DETAILS**

SCALE: NONE SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	102
CONTRACT NO. 66983				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

NO.	
AREAS CHECKED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
SURVEYED	
FINAL SURVEY	

NO.	
AREAS CHECKED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
SURVEYED	
ORIGINAL SURVEY	



FILE NAME =	USER NAME =
0366983-SHT-XSHT-FISK-NE.DGN	
PLOT SCALE = 1"=20'	DATE = 01/11

DESIGNED - DJD	REVISOR -
DRAWN - LAG	REVISOR -
CHECKED - DJD	REVISOR -
DATE - 01/11	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

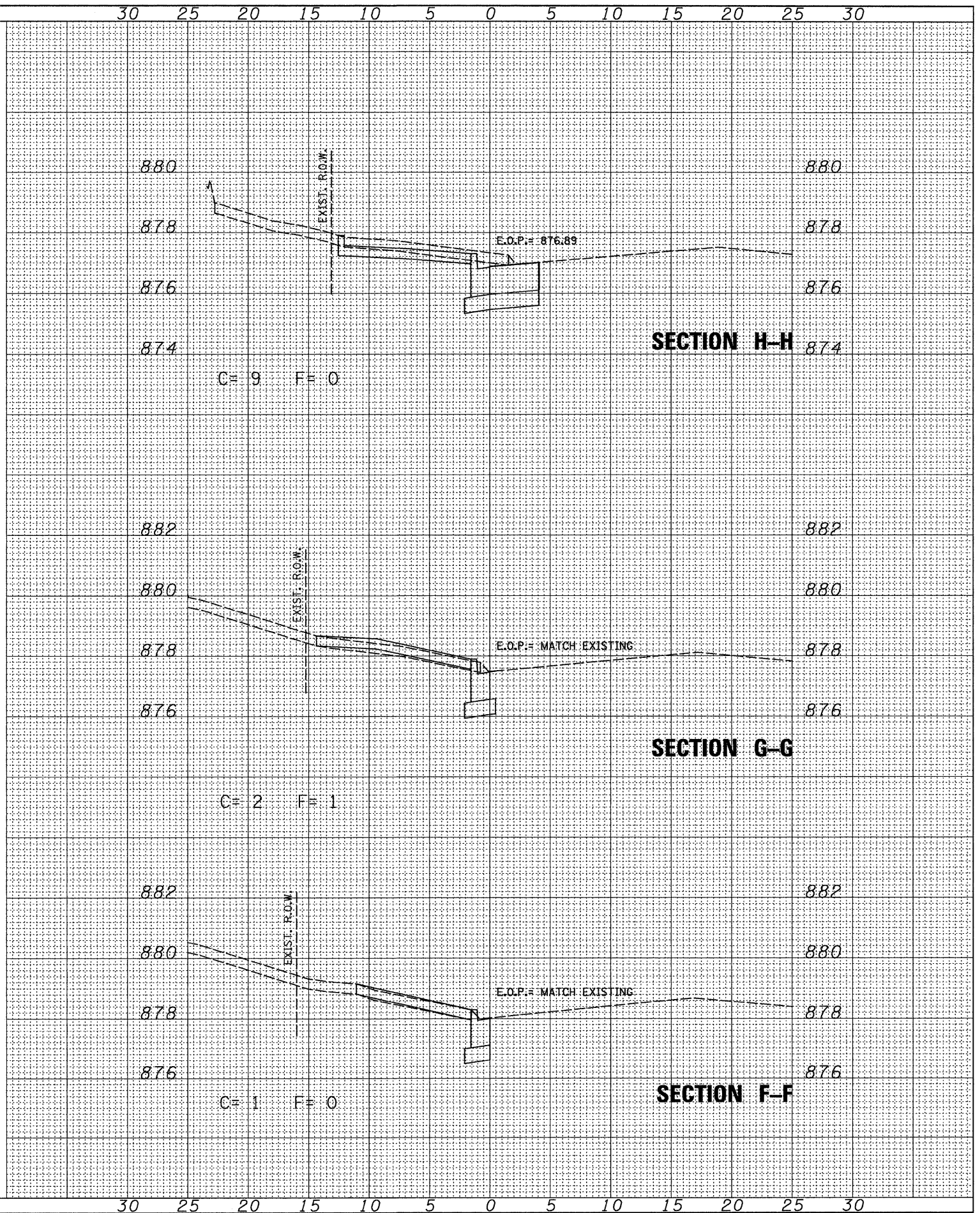
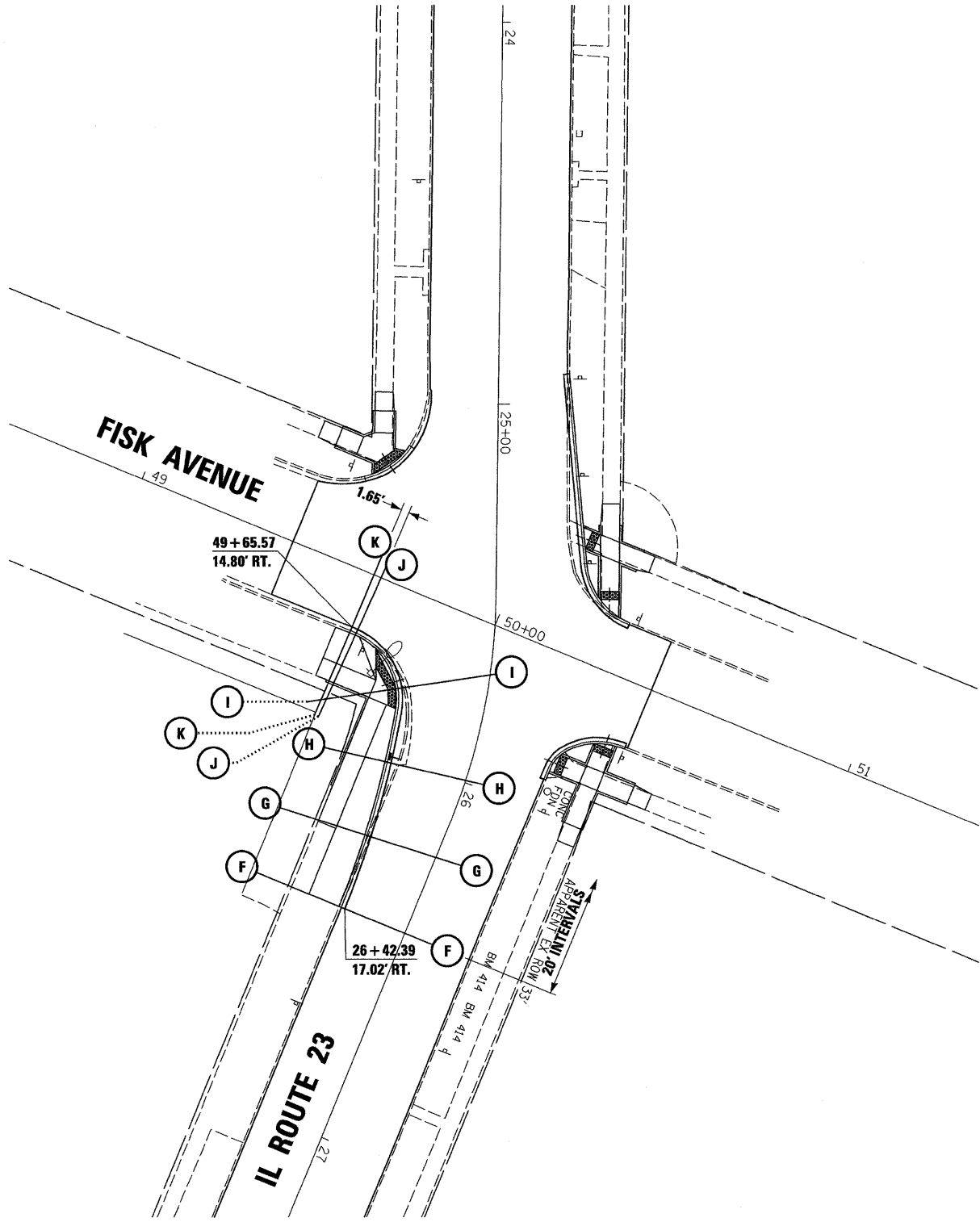
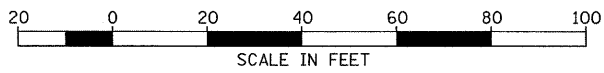
CROSS SECTIONS (FISK AVENUE) NE

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	103
				CONTRACT NO. 66983
ILLINOIS FED. AID PROJECT				

DATE: 07/09  
 SURVEYED  
 PLOTTED  
 TEMPLATE  
 NOTE BOOK  
 AREAS CHECKED

DATE: 07/09  
 SURVEYED  
 PLOTTED  
 TEMPLATE  
 NOTE BOOK  
 AREAS CHECKED



FILE NAME = D366983-SHT-XSHT-FISK-SW.DGN  
 USER NAME =  
 PLOT SCALE = 1"=20'  
 PLOT DATE = 01/11

DESIGNED - DJD  
 DRAWN - LAG  
 CHECKED - DJD  
 DATE - 01/11

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS (FIK AVENUE) SW**

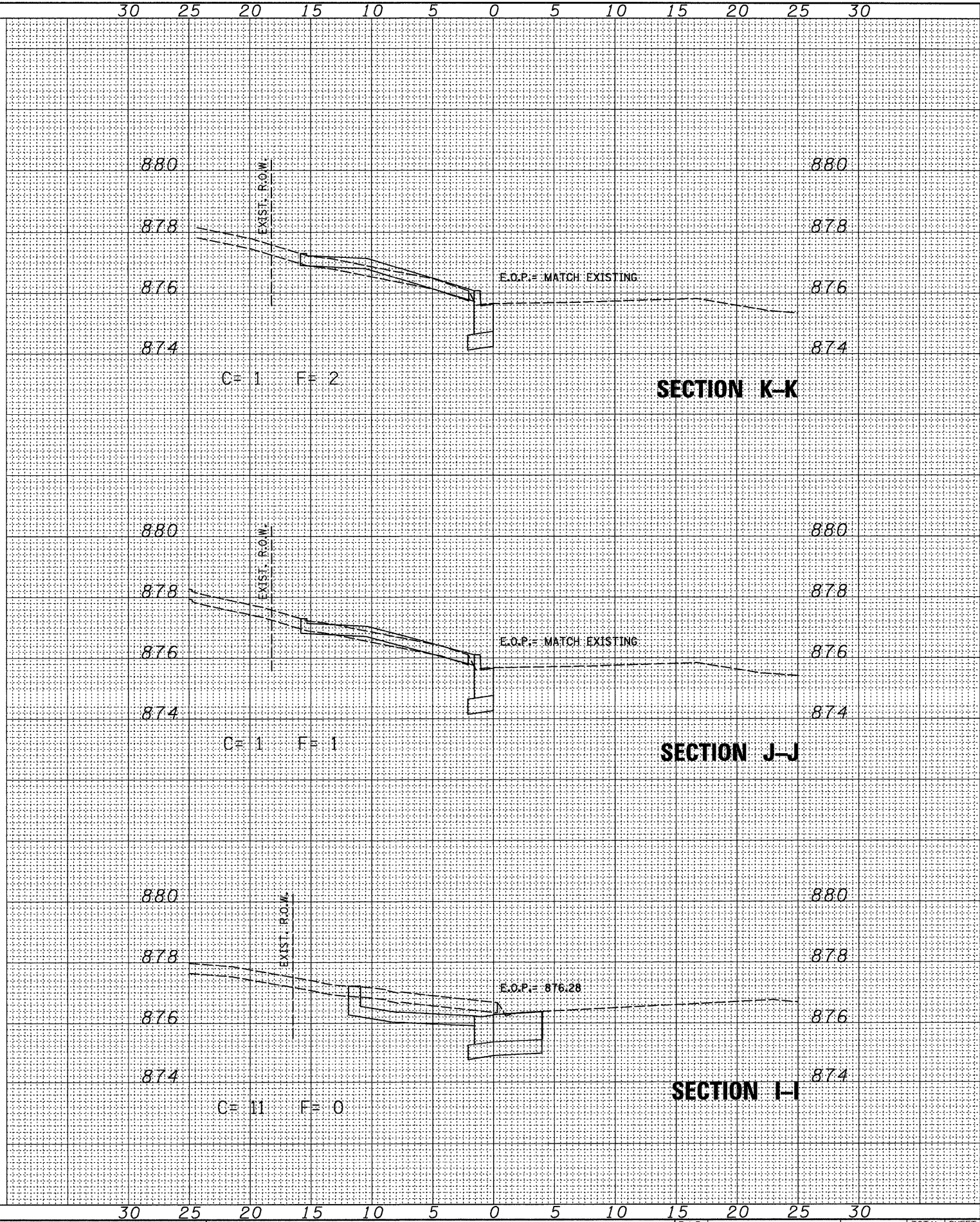
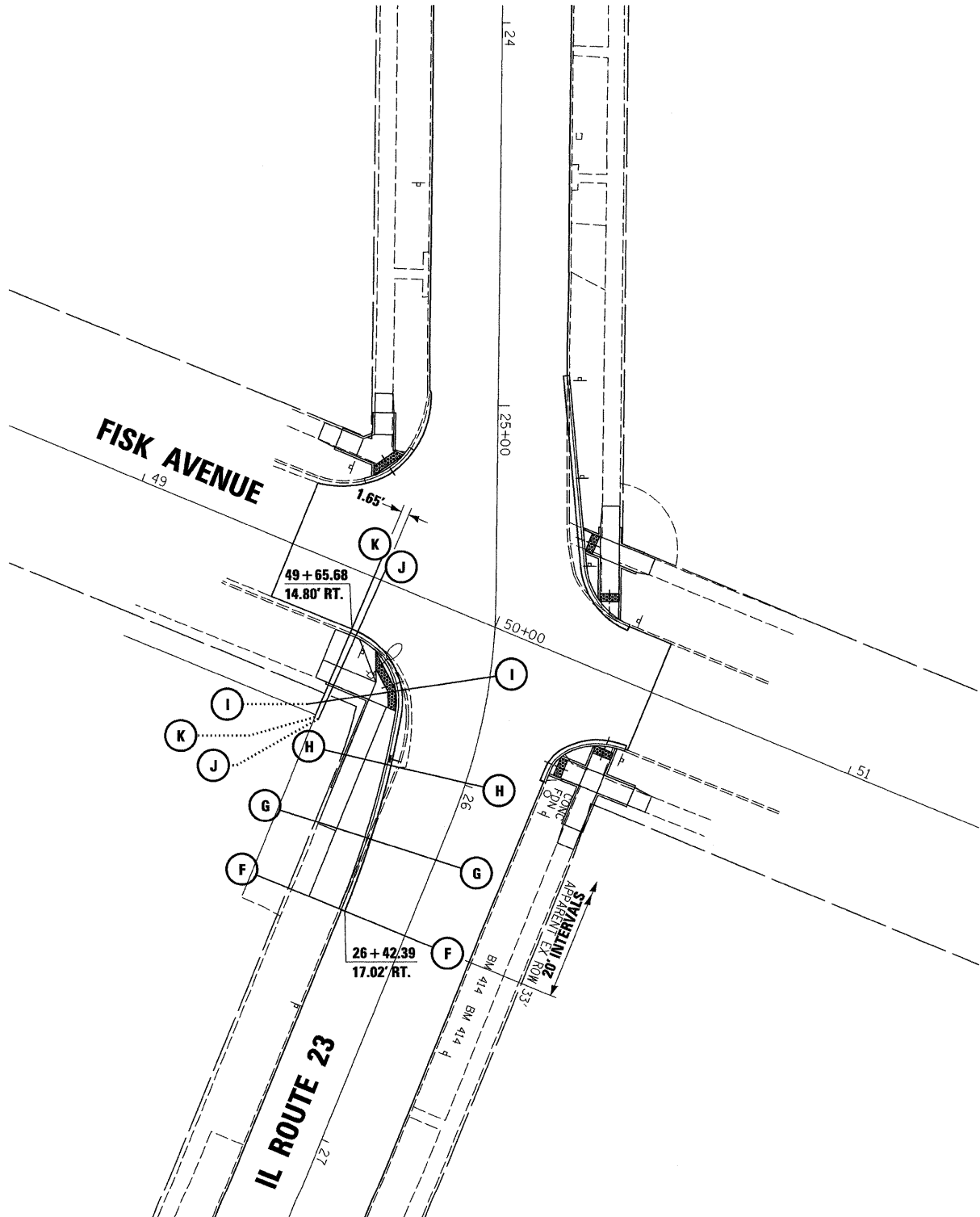
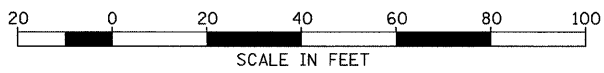
SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 104
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				



NO.	AREAS CHECKED
NO.	TEMP. PLATE
NO.	NOTE BOOK
NO.	PLOTTED
NO.	SURVEYED

NO.	AREAS CHECKED
NO.	TEMP. PLATE
NO.	NOTE BOOK
NO.	PLOTTED
NO.	SURVEYED



FILE NAME =	USER NAME =
D366983-SHT-XSSHT-FISK-SW.DGN	
PLOT SCALE = 1"=20'	DATE = 01/11
PLOT DATE = 01/11	

DESIGNED - DJD	REVISED -
DRAWN - LAG	REVISED -
CHECKED - DJD	REVISED -
DATE - 01/11	REVISED -

DESIGNED - DJD	REVISED -
DRAWN - LAG	REVISED -
CHECKED - DJD	REVISED -
DATE - 01/11	REVISED -

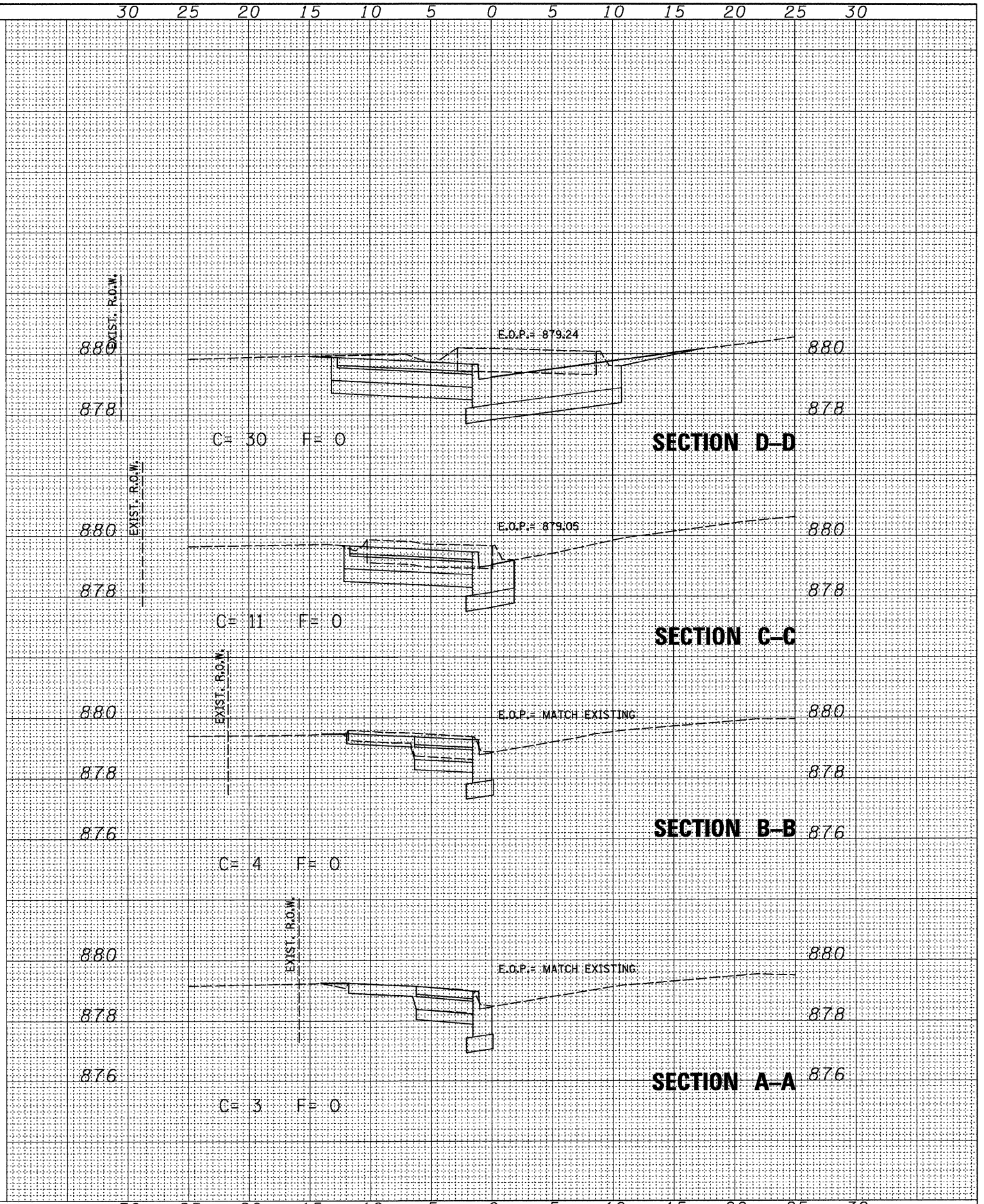
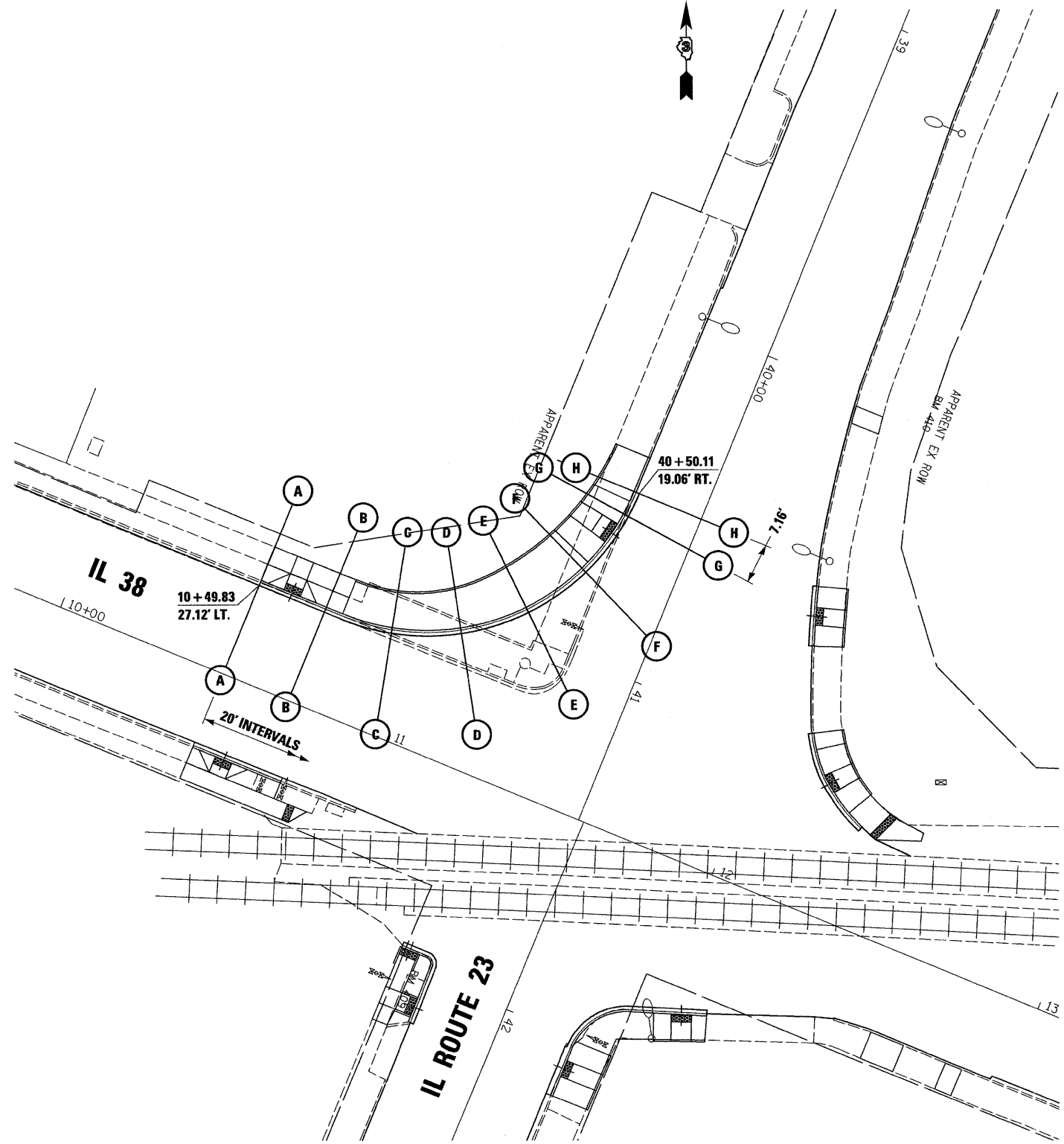
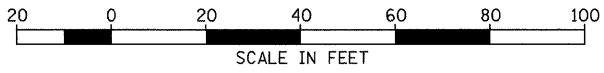
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS (FISK AVENUE) SW		
SCALE: 1"=20'	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 105
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME =
D366983-SHT-XSHT-38-NW.DGN	
PLOT SCALE = 1"=20'	DATE = 01/11

DESIGNED - DJD	REVISOR -
DRAWN - LAG	REVISOR -
CHECKED - DJD	REVISOR -
DATE - 01/11	REVISOR -

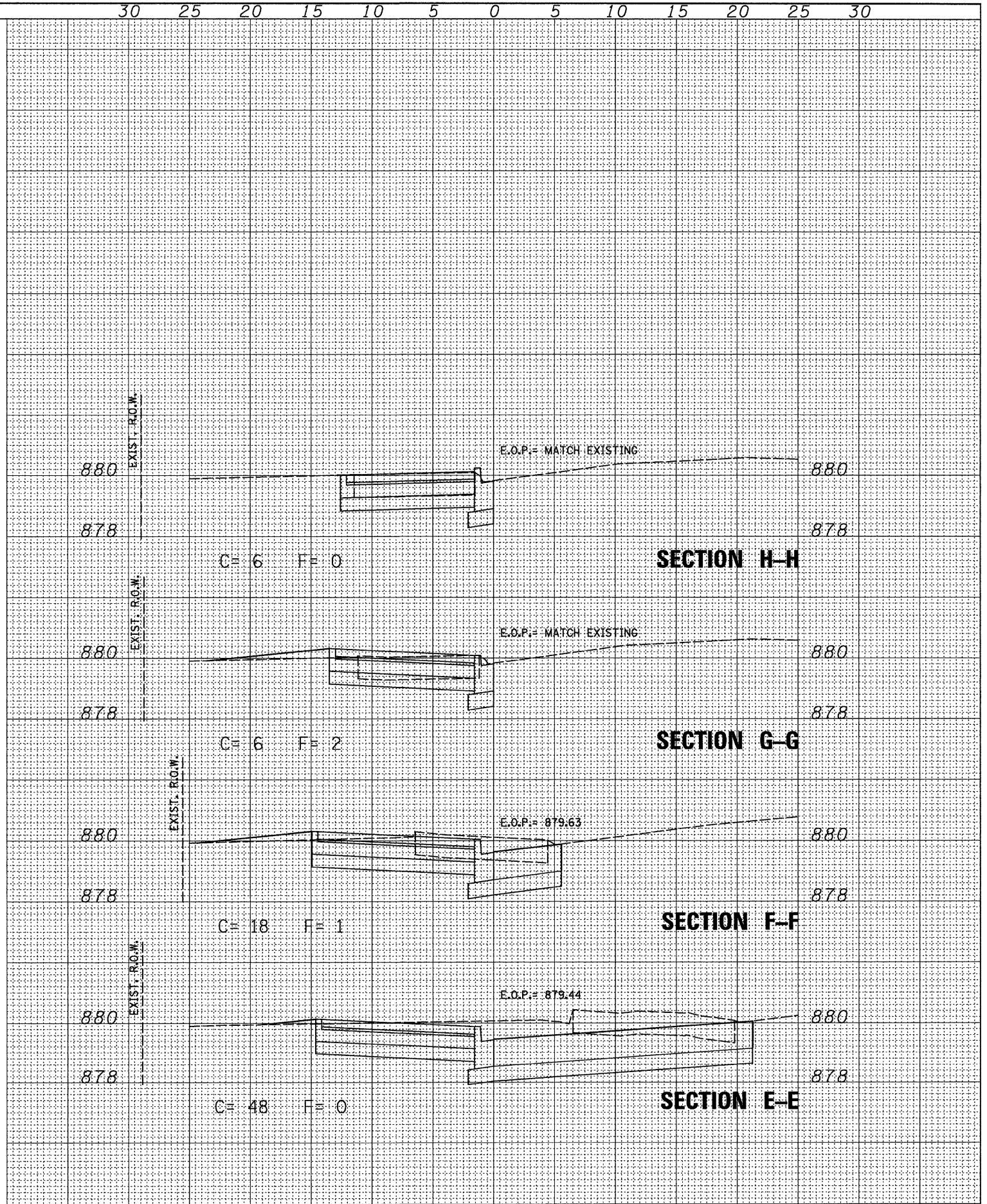
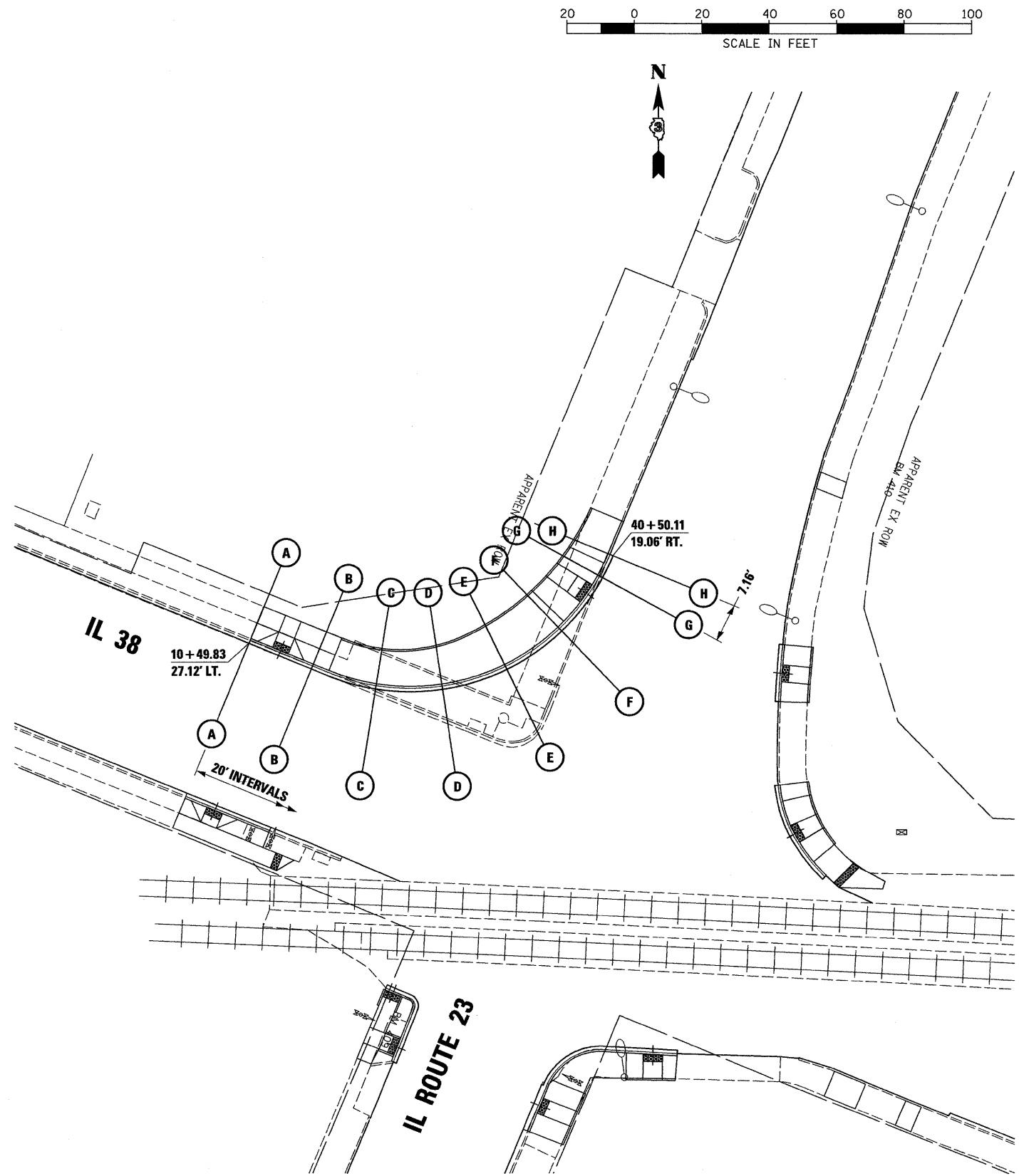
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS (IL 38) NW
SCALE: 1"=20'
SHEET NO. ___ OF ___ SHEETS
STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	106
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

NO.	AREAS CHECKED
NO.	PLATE
NO.	NOTE BOOK
NO.	TEMPLE
NO.	PLOTTED
NO.	SURVEYED

NO.	AREAS CHECKED
NO.	PLATE
NO.	NOTE BOOK
NO.	TEMPLE
NO.	PLOTTED
NO.	SURVEYED



FILE NAME = D366983-SHT-XSST-38-NW.DGN

USER NAME =  
 PLOT SCALE = 1"=20'  
 PLOT DATE = 01/11

DESIGNED - DJD  
 DRAWN - LAG  
 CHECKED - DJD  
 DATE - 01/11

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

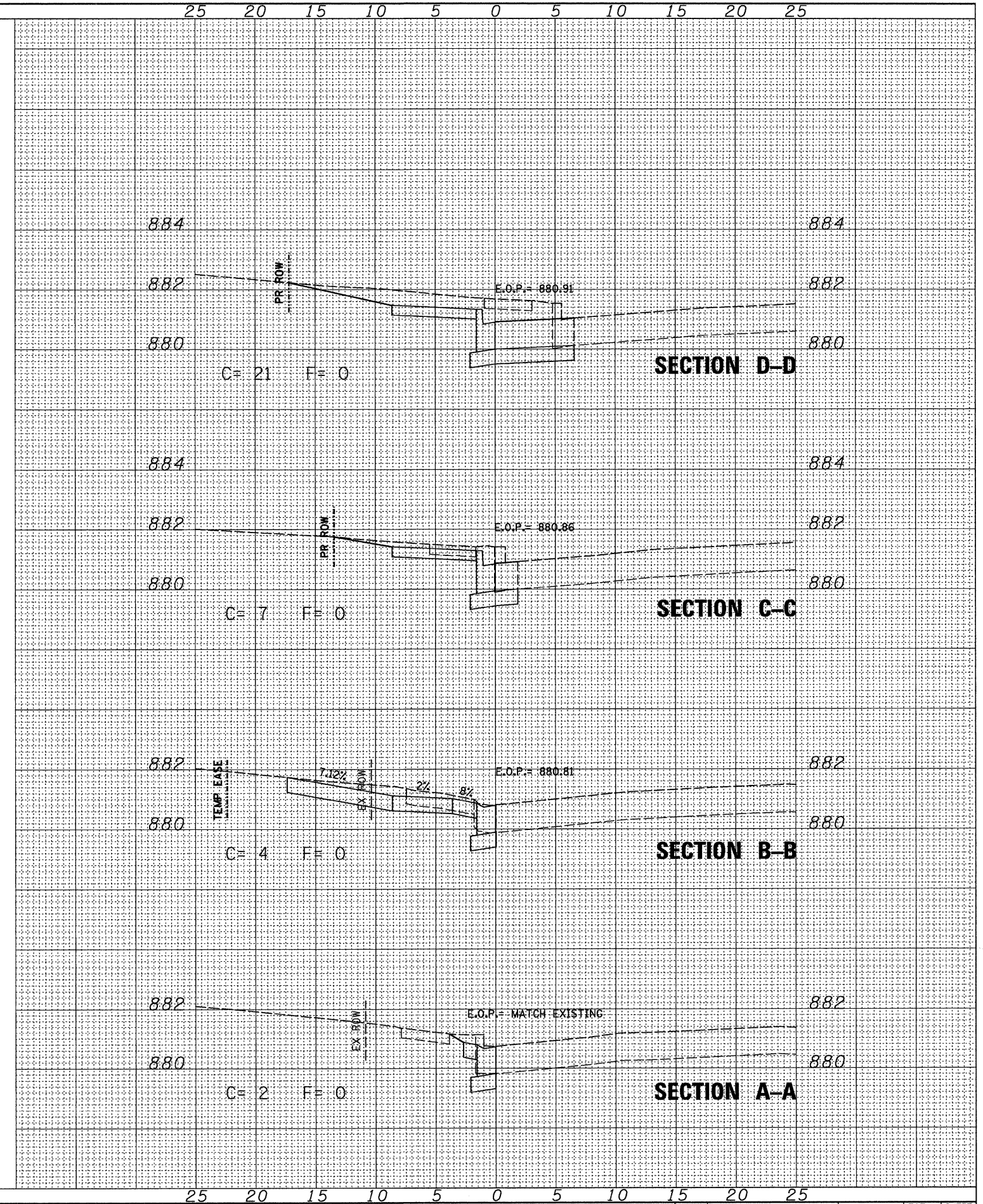
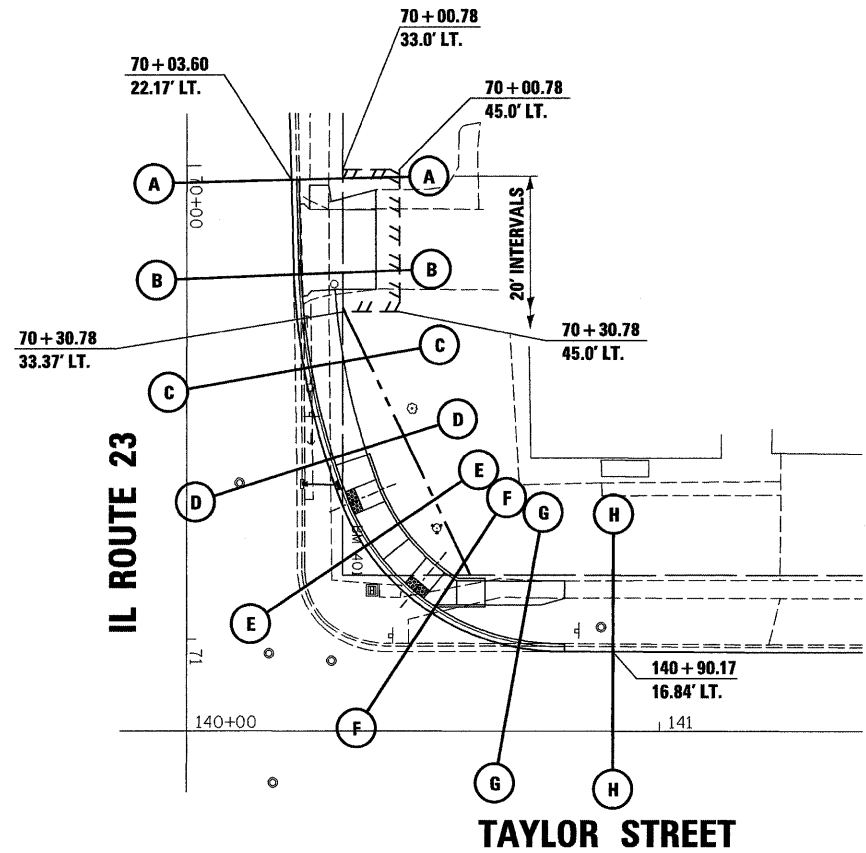
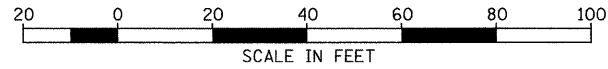
CROSS SECTIONS (IL 38) NW

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 107
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	PLOTTED	NO. _____
NO. _____	NO. _____	NO. _____
NO. _____	NO. _____	NO. _____
NO. _____	NO. _____	NO. _____
NO. _____	NO. _____	NO. _____

ORIGINAL SURVEY	PLOTTED	NO. _____
NO. _____	NO. _____	NO. _____
NO. _____	NO. _____	NO. _____
NO. _____	NO. _____	NO. _____
NO. _____	NO. _____	NO. _____



FILE NAME =	USER NAME =
D3669B3-SHT-XSHT-TAYLOR-NE.DGN	

DESIGNED -	DJD
DRAWN -	LAG
CHECKED -	DJD
DATE -	01/11

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS (TAYLOR STREET) NE**

SCALE: 1"=20'

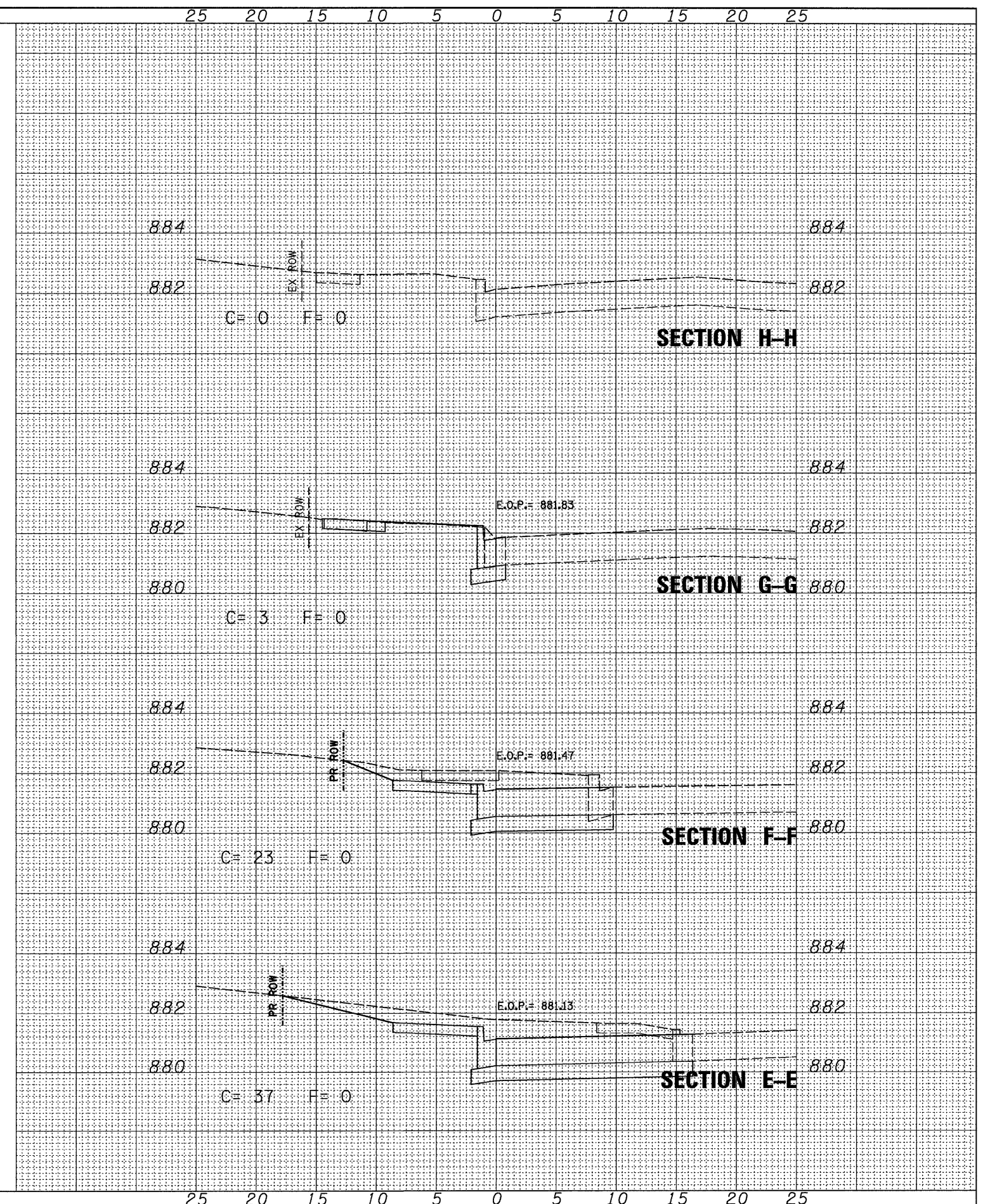
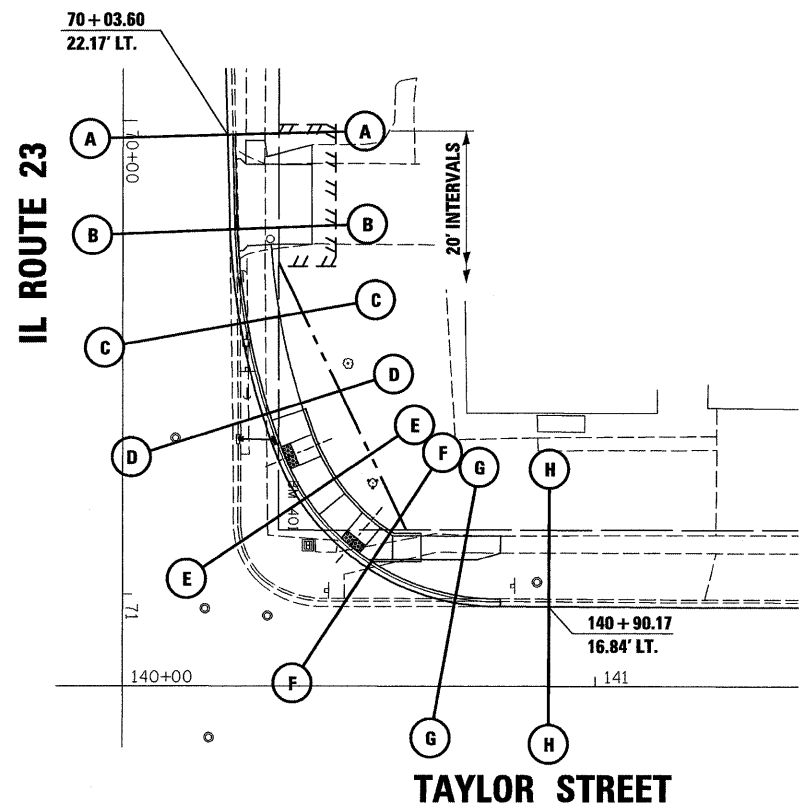
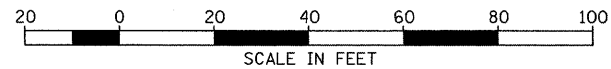
SHEET NO. \_\_\_ OF \_\_\_ SHEETS

STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	108
CONTRACT NO. 66983			ILLINOIS FED. AID PROJECT	

NO.	
AREAS CHECKED	
TEMPLATE	
NOTE BOOK	
SURVEYED	
DATE	

NO.	
AREAS CHECKED	
TEMPLATE	
NOTE BOOK	
SURVEYED	
DATE	



FILE NAME =	0366983-SHT-XSST-TAYLOR-NE.DGN
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USER NAME =	---
DESIGNED -	DJD
DRAWN -	LAG
CHECKED -	DJD
DATE -	01/11

REVISED -	---
REVISED -	---
REVISED -	---
REVISED -	---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS (TAYLOR STREET) NE

SCALE: 1"=20'

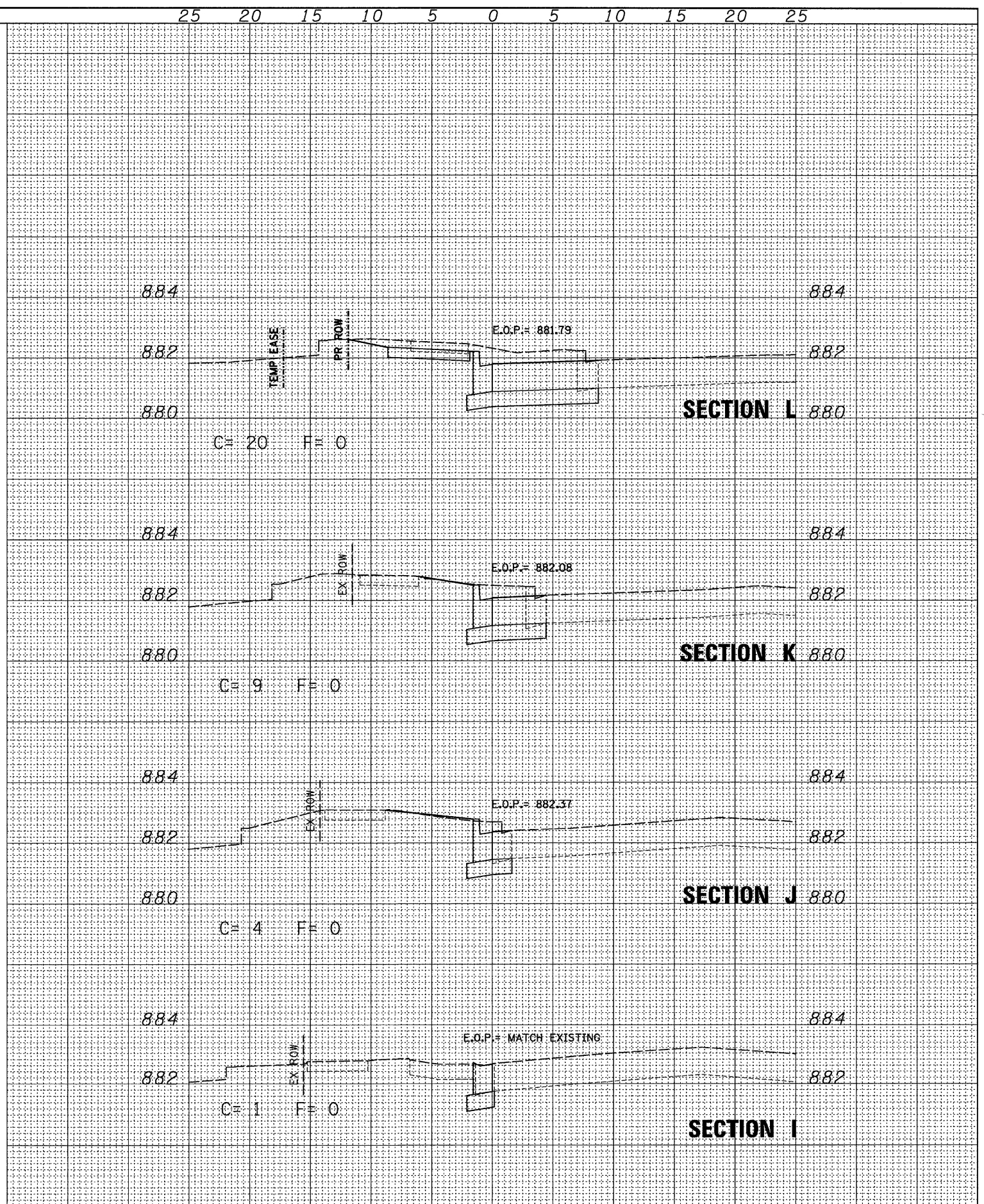
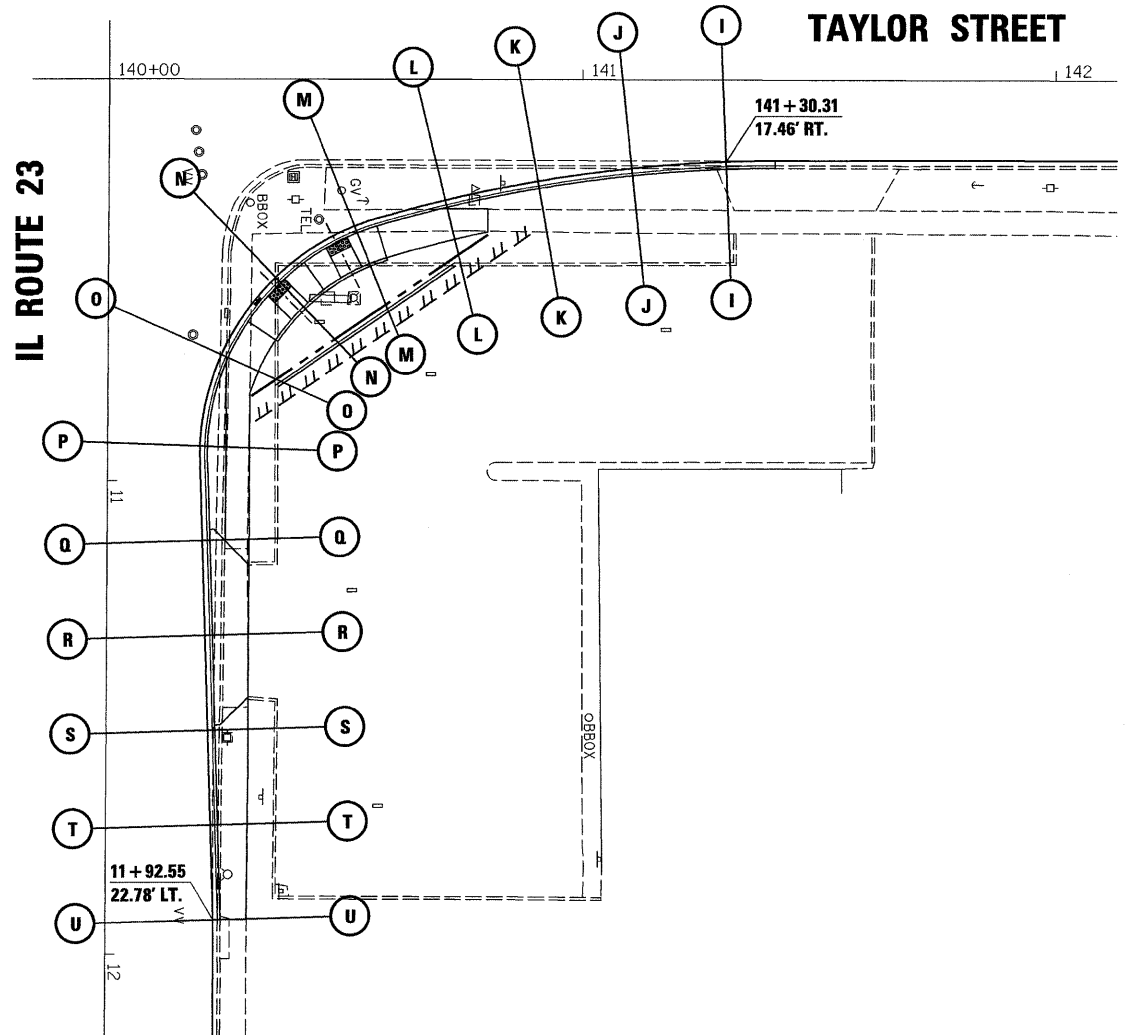
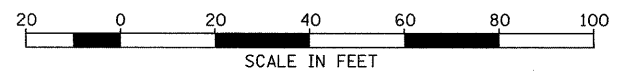
SHEET NO. \_\_\_ OF \_\_\_ SHEETS

STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	109
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED

NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED



FILE NAME =	USER NAME =
0366983-SHT-XSSHT-TAYLOR-SE.DGN	

PLOT SCALE = 1"=20'	DESIGNED - DJD
PLOT DATE = 01/11	DRAWN - LAG
	CHECKED - DJD
	DATE - 01/11

REVISED -	REVISED -
REVISED -	REVISED -
REVISED -	REVISED -
REVISED -	REVISED -

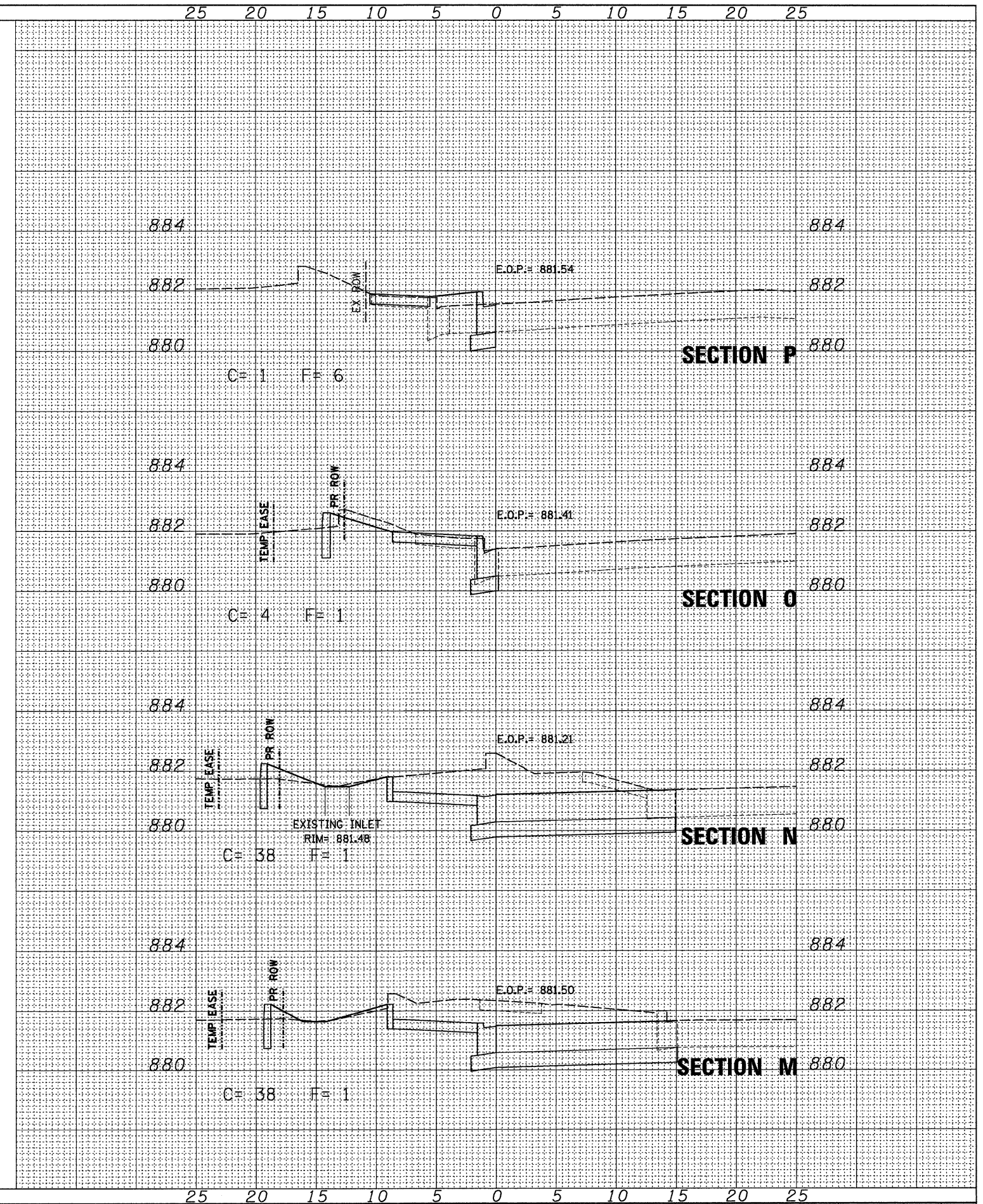
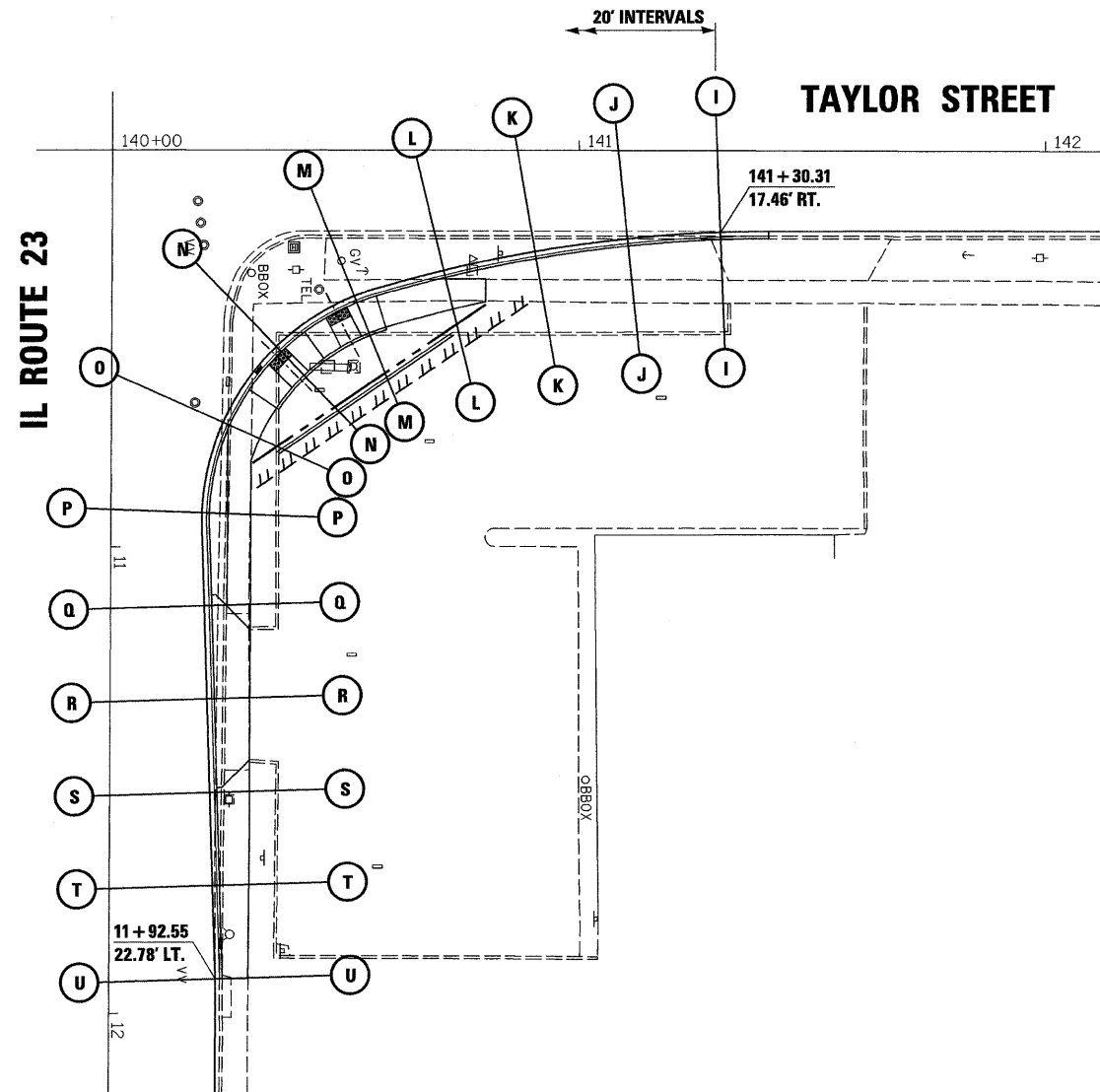
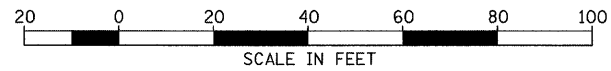
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS (TAYLOR STREET) SE  
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 110
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

DATE	
NO.	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	07/09
NO.	LAG
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME =	0366983-SHT-XSHT-TAYLOR-SE.DGN
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USER NAME =	
DESIGNED -	DJD
DRAWN -	LAG
CHECKED -	DJD
DATE -	01/11

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

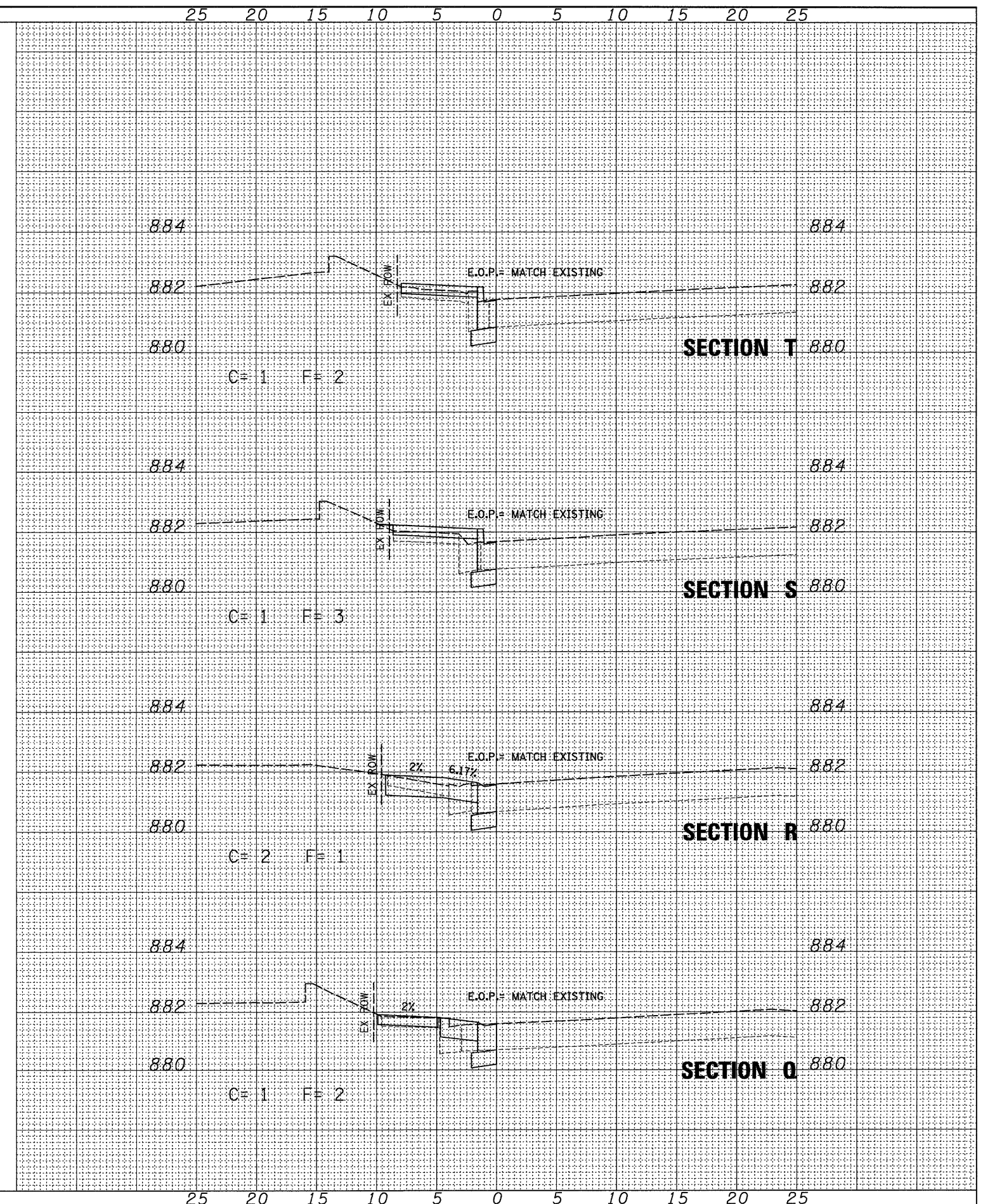
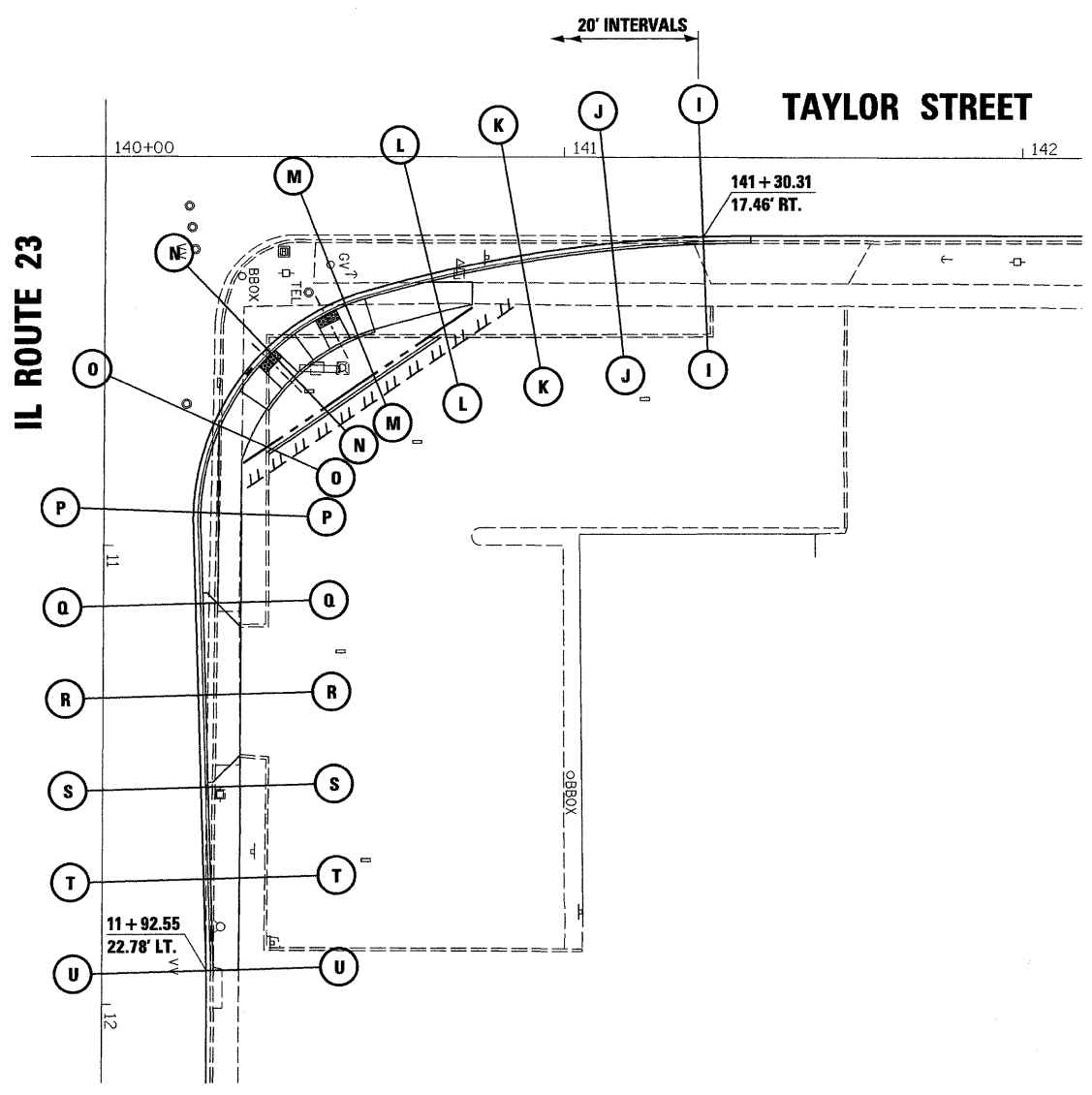
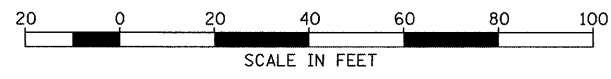
**CROSS SECTIONS (TAYLOR STREET) SE**

SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	111
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

ORIGINAL SURVEY \_\_\_\_\_  
 CHAMBLIN & ASSOCIATES L.L.C. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME = 0366983-SHT-XSSHT-TAYLOR-SE.DGN  
 USER NAME = \_\_\_\_  
 PLOT SCALE = 1"=20'  
 PLOT DATE = 01/11

DESIGNED - DJD	REVISED - _____
DRAWN - LAG	REVISED - _____
CHECKED - DJD	REVISED - _____
DATE - 01/11	REVISED - _____

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

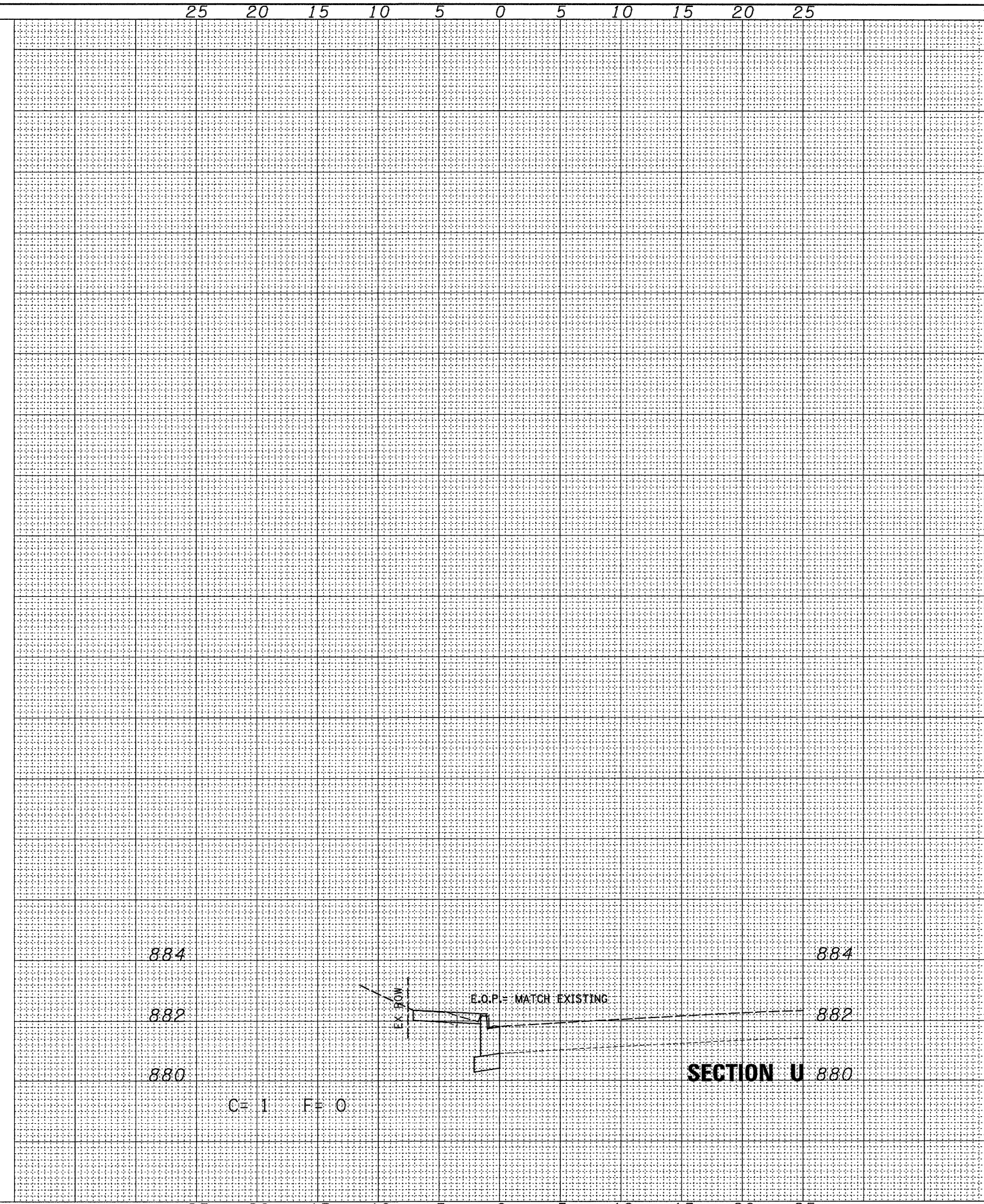
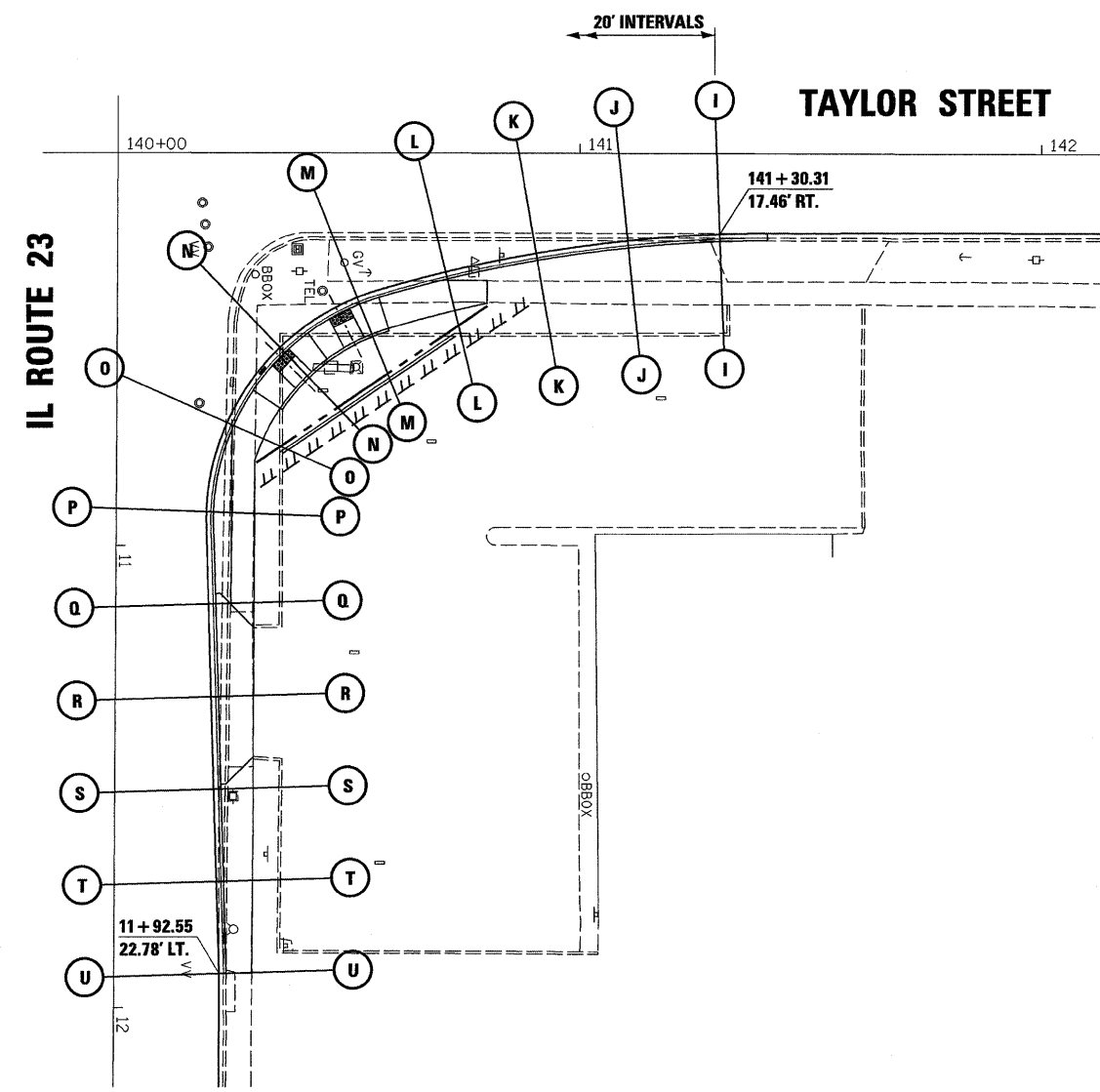
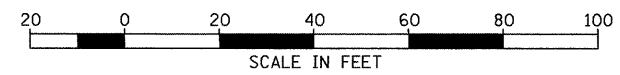
CROSS SECTIONS (TAYLOR STREET) SE  
 SCALE: 1"=20' SHEET NO. \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 112
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				



DATE	
SCALE	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
SCALE	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = 0366983-SHT-XSSHT-TAYLOR-SE.DGN

USER NAME =	DESIGNED - DJD	REVISED -
PLOT SCALE = 1"=20'	DRAWN - LAG	REVISED -
PLOT DATE = 01/11	CHECKED - DJD	REVISED -
	DATE - 01/11	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS (TAYLOR STREET) SE  
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

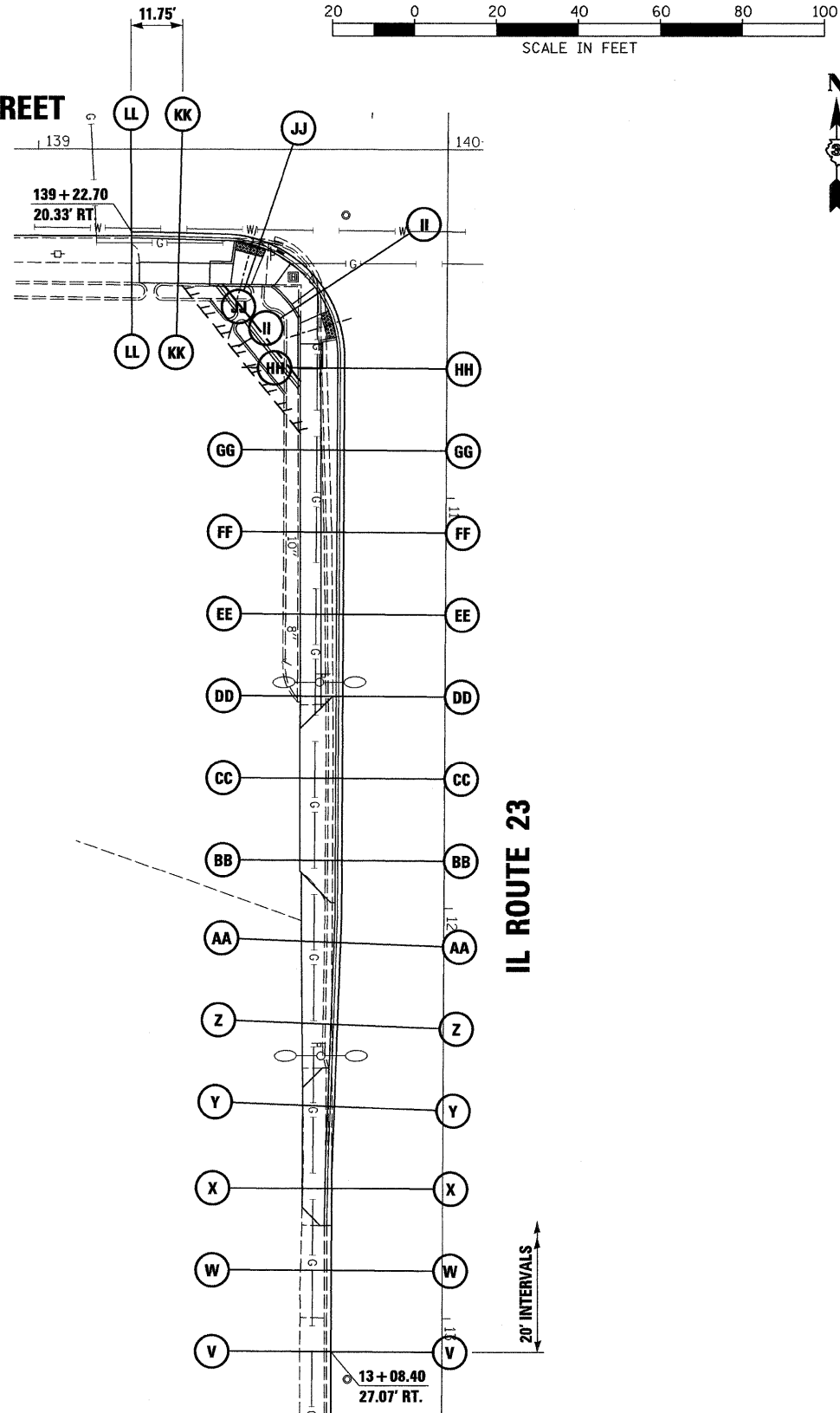
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	113
CONTRACT NO. 66983				

ILLINOIS FED. AID PROJECT

NO.	
AREAS CHECKED	
TEMP. AREAS	
PLOTTED	
SURVEYED	
NO.	
NOTE BOOK	
TEMP. AREAS	
PLOTTED	
SURVEYED	

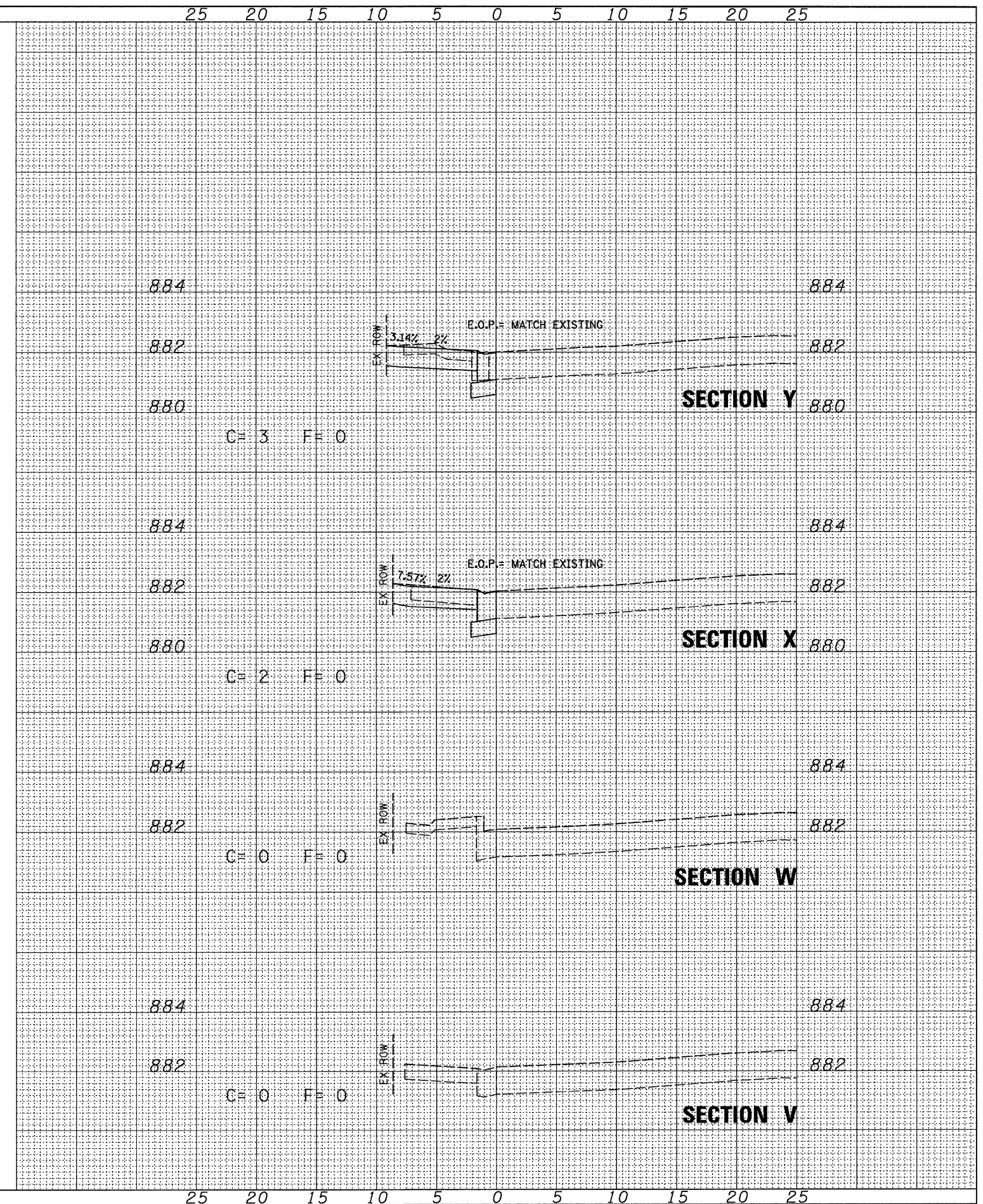
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AREAS CHECKED	
TEMP. AREAS	
PLOTTED	
SURVEYED	
NO.	
NOTE BOOK	
TEMP. AREAS	
PLOTTED	
SURVEYED	

**TAYLOR STREET**



**IL ROUTE 23**

20' INTERVALS



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS (TAYLOR STREET) SW**

FILE NAME = 0366983-SHT-XSSHT-TAYLOR-SW.DGN

USER NAME =

DESIGNED - DJD  
DRAWN - LAG

REVISED -  
REVISED -

PLOT SCALE = 1"=20'  
PLOT DATE = 01/11

CHECKED - DJD  
DATE - 01/11

REVISED -  
REVISED -

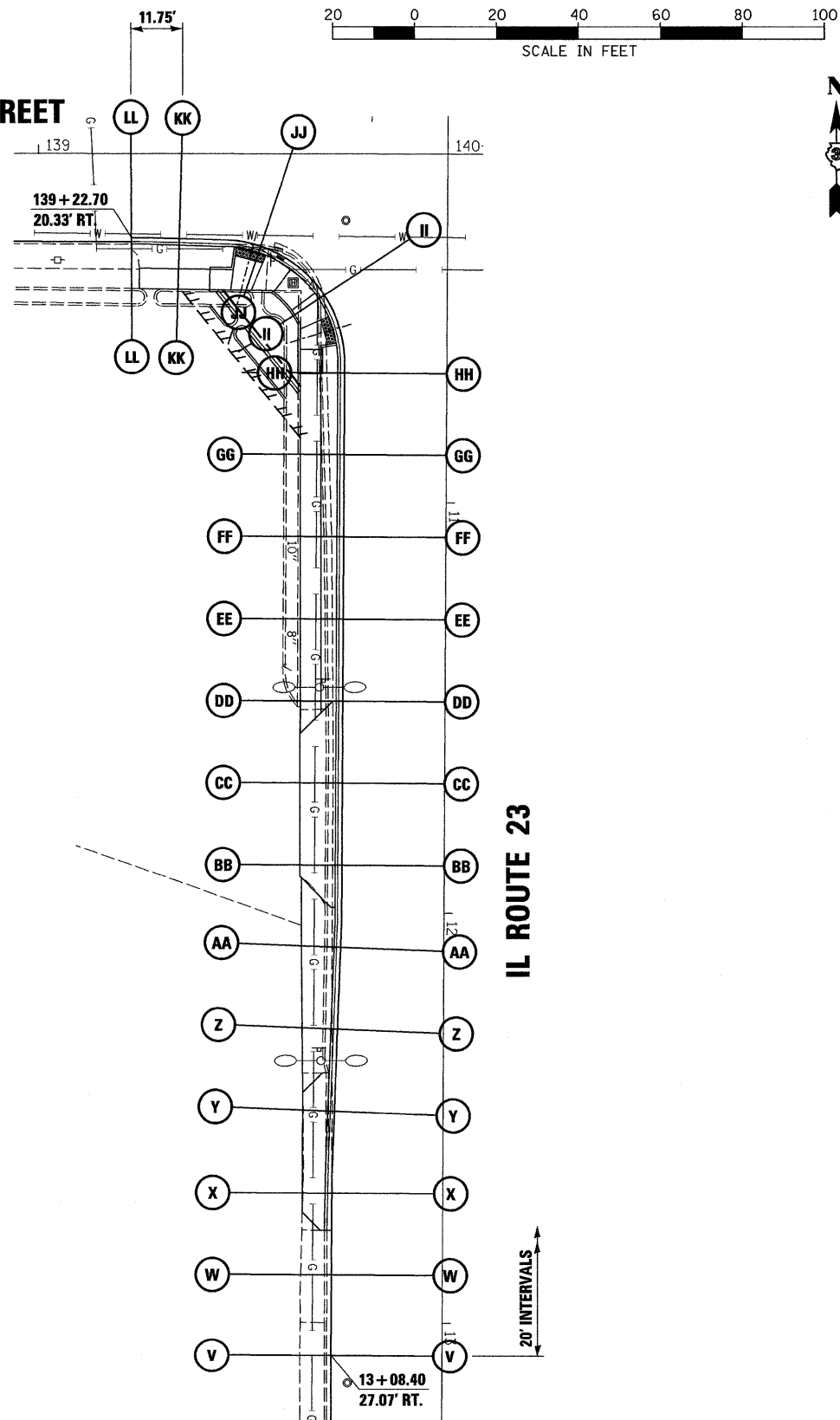
SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 114
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

NO.	
AREAS CHECKED	
TEMP. PLATE	
PLOTTED	
SURVEYED	
FINAL SURVEY	
NO.	
NOTE BOOK	

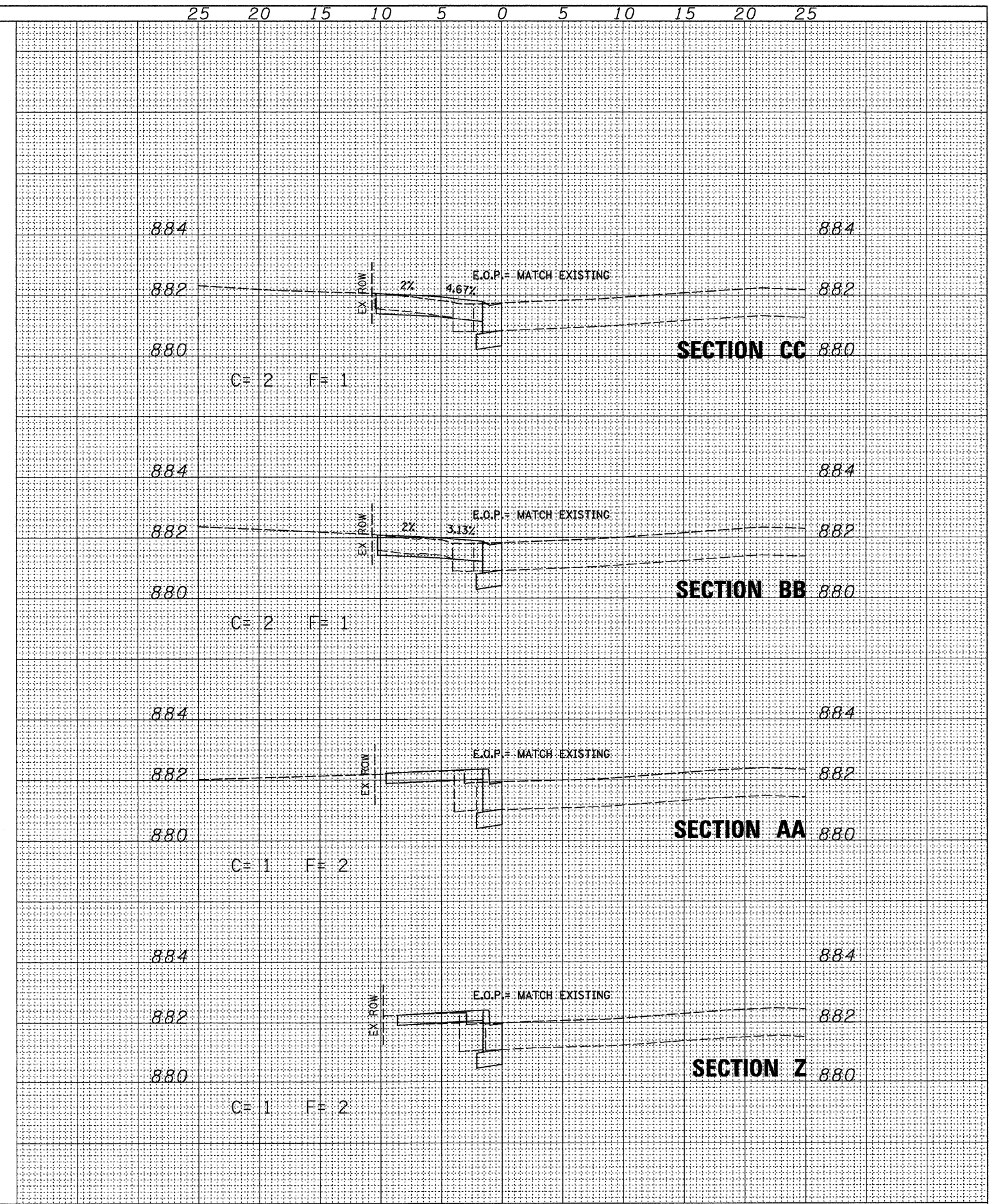
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AREAS CHECKED	
TEMP. PLATE	
PLOTTED	
SURVEYED	
ORIGINAL SURVEY	
NO.	
NOTE BOOK	
LAG	
ASSOCIATES	
CHAMLIN &	
NO.	
DATE	07/09
DATE	07/09

**TAYLOR STREET**



**IL ROUTE 23**

20' INTERVALS



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS (TAYLOR STREET) SW**

FILE NAME = D366983-SHT-XSST-TAYLOR-SW.DGN

USER NAME = ---

DESIGNED - DJD  
DRAWN - LAG

REVISED - ---  
REVISED - ---

PLOT SCALE = 1"=20'  
PLOT DATE = 01/11

CHECKED - DJD  
DATE - 01/11

REVISED - ---  
REVISED - ---

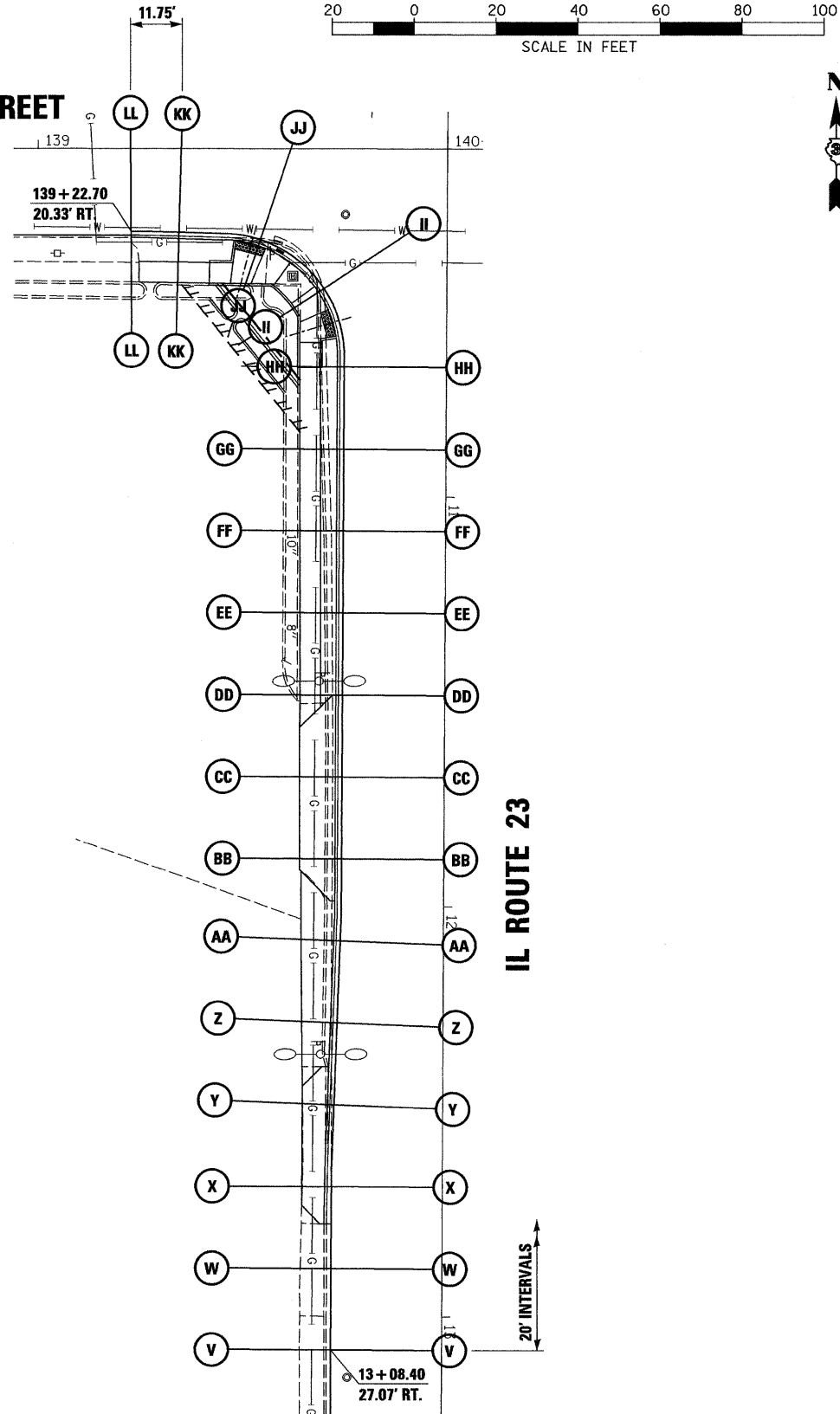
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (20)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 115
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

NO.	
AREAS CHECKED	
TEMP. PLATE	
NOTE BOOK	
PLOTTED	
SURVEYED	
FINAL SURVEY	

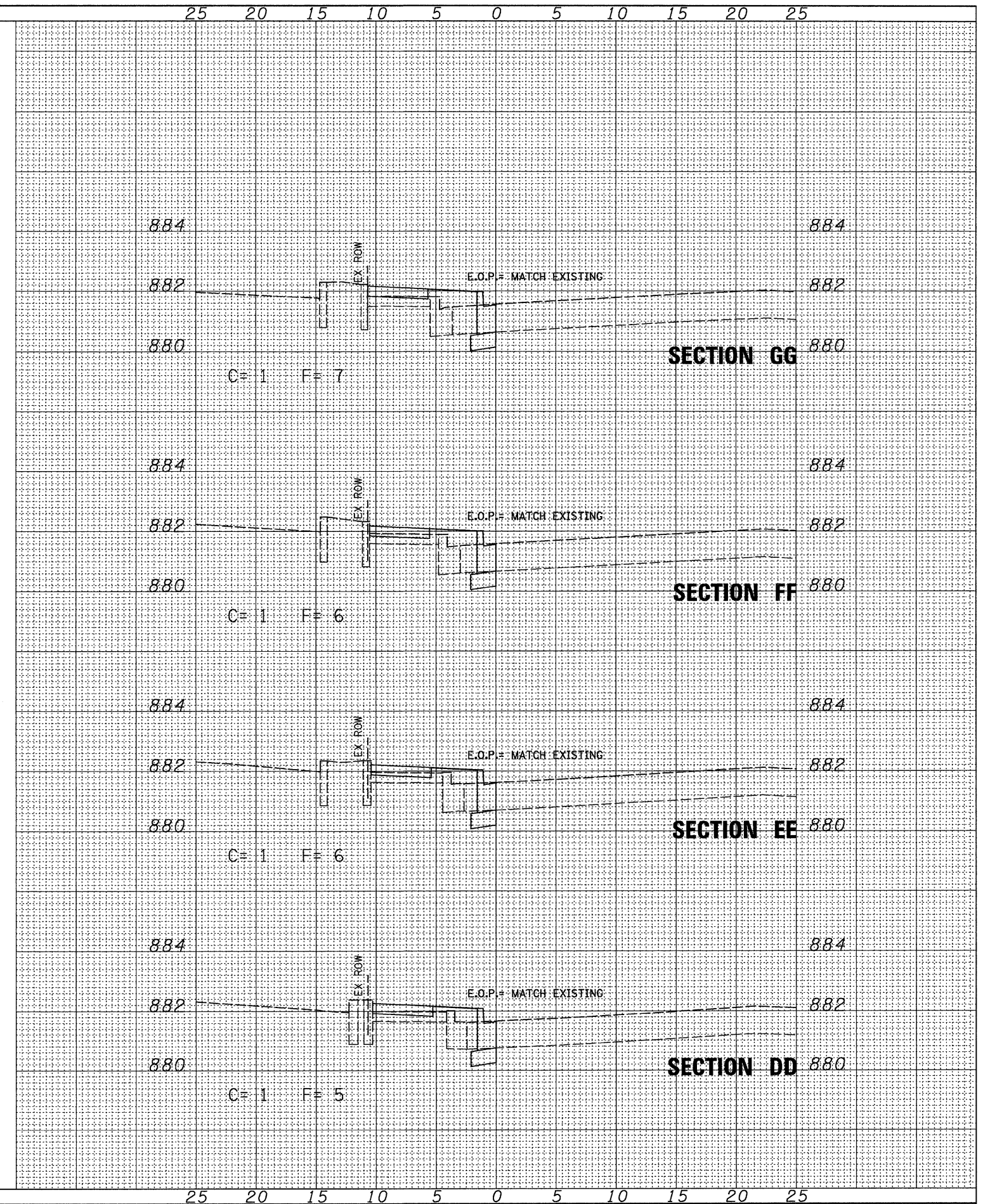
NO.	
AREAS CHECKED	
TEMP. PLATE	
NOTE BOOK	
PLOTTED	
SURVEYED	
ORIGINAL SURVEY	

# TAYLOR STREET



IL ROUTE 23

20' INTERVALS



FILE NAME =	USER NAME =
0366983-SHT-XSHT-TAYLOR-SW.DGN	
PLOT SCALE = 1"=20'	DATE = 01/11

DESIGNED - DJD	REVISOR -
DRAWN - LAG	REVISOR -
CHECKED - DJD	REVISOR -
DATE - 01/11	REVISOR -

DESIGNED - DJD	REVISOR -
DRAWN - LAG	REVISOR -
CHECKED - DJD	REVISOR -
DATE - 01/11	REVISOR -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

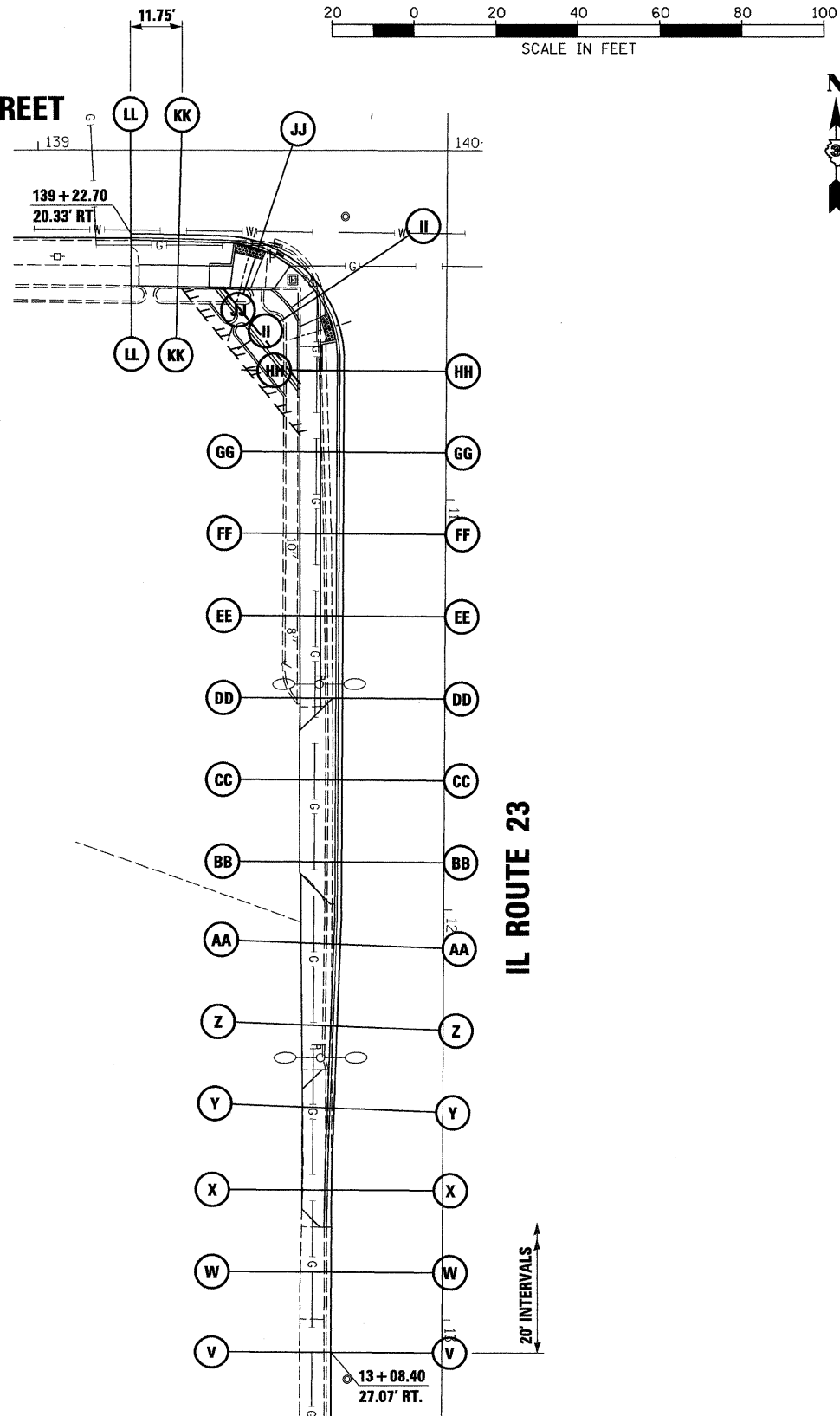
CROSS SECTIONS (TAYLOR STREET) SW  
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	116
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

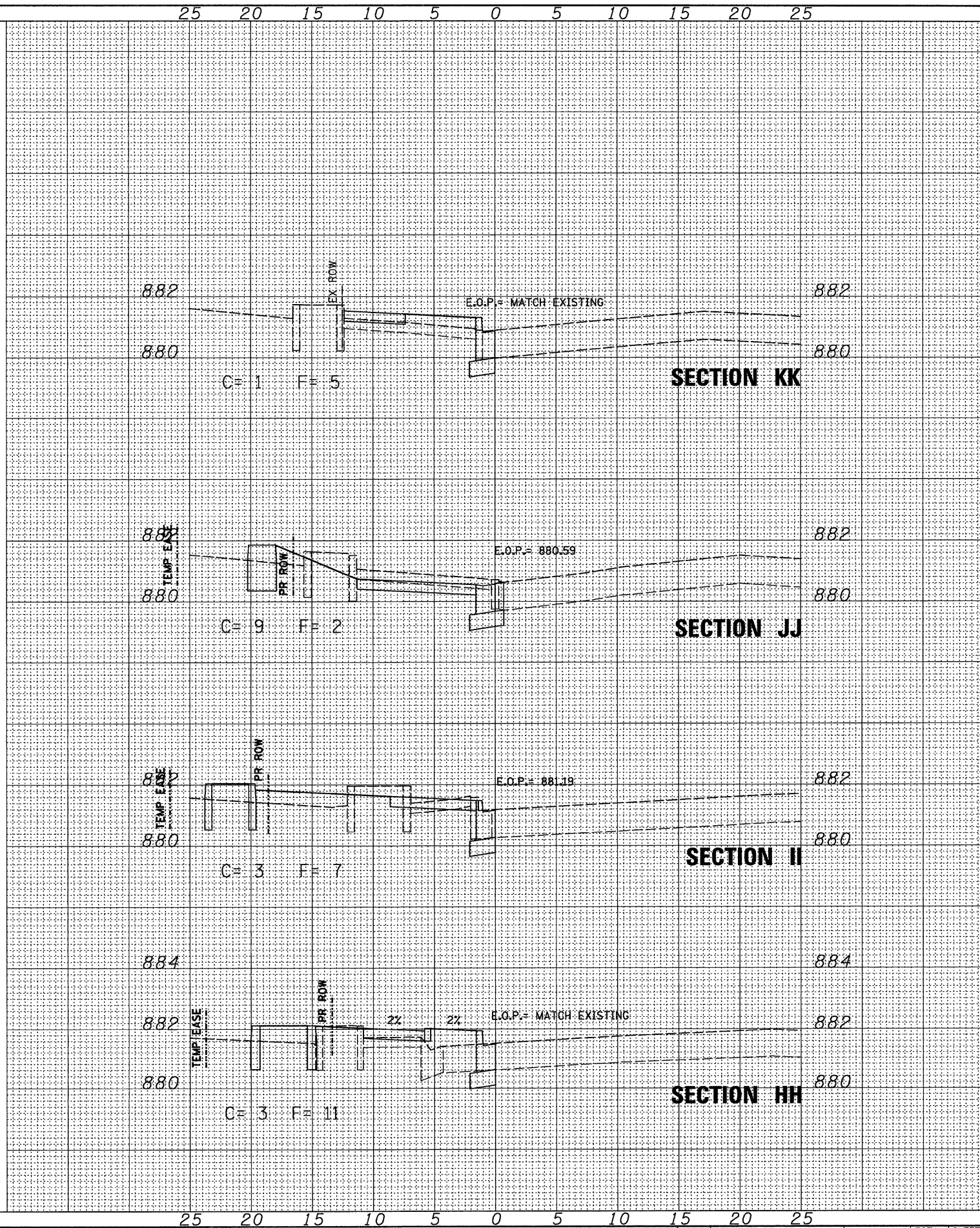
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NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED

NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED
NO.	AREAS CHECKED

**TAYLOR STREET**



**IL ROUTE 23**



FILE NAME =	USER NAME =
0366983-SHT-XSHT-TAYLOR-SW.DGN	

DESIGNED -	DJD	REVISED -	
DRAWN -	LAG	REVISED -	
CHECKED -	DJD	REVISED -	
DATE -	01/11	REVISED -	

DESIGNED -	DJD	REVISED -	
DRAWN -	LAG	REVISED -	
CHECKED -	DJD	REVISED -	
DATE -	01/11	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS (TAYLOR STREET) SW**

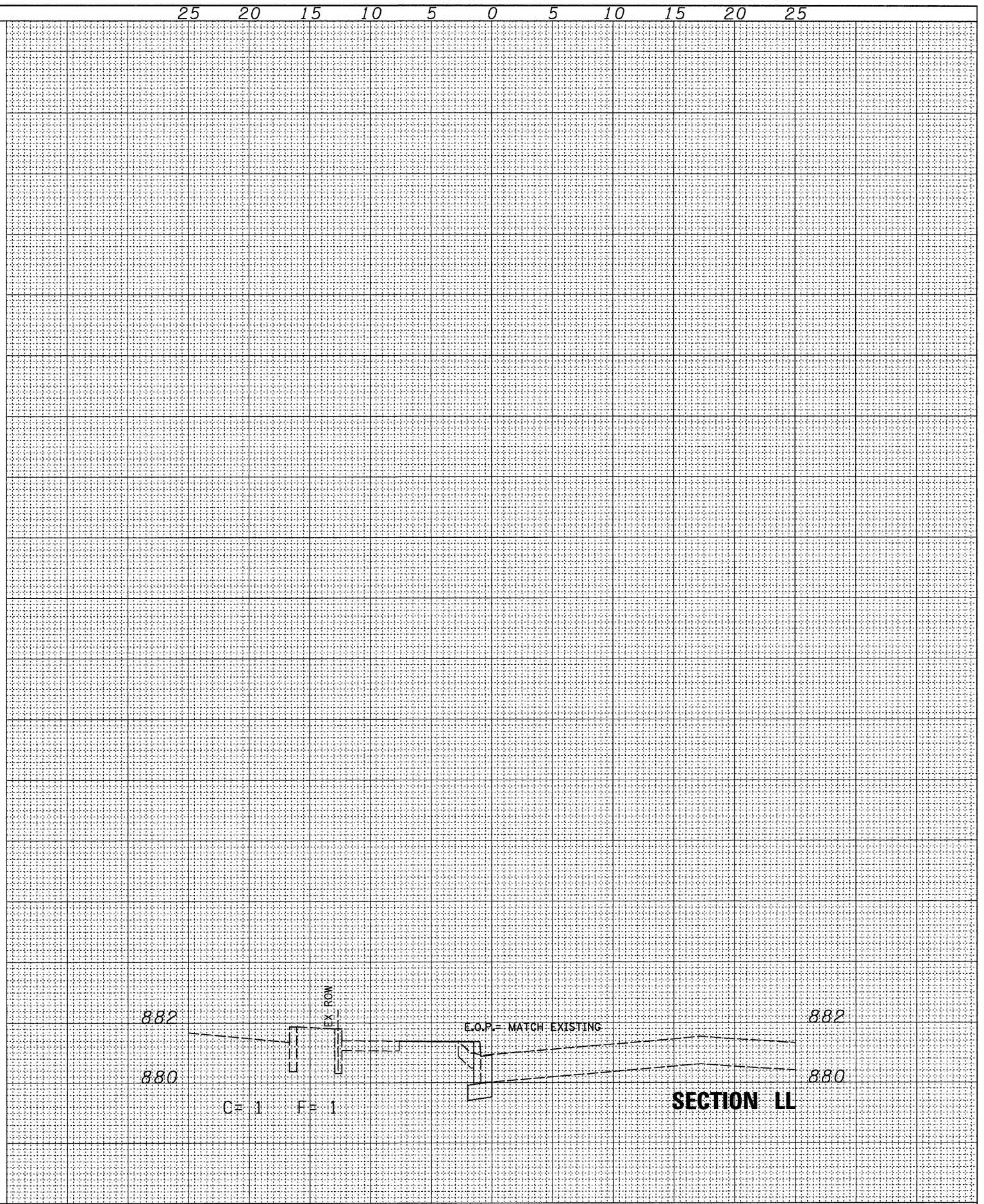
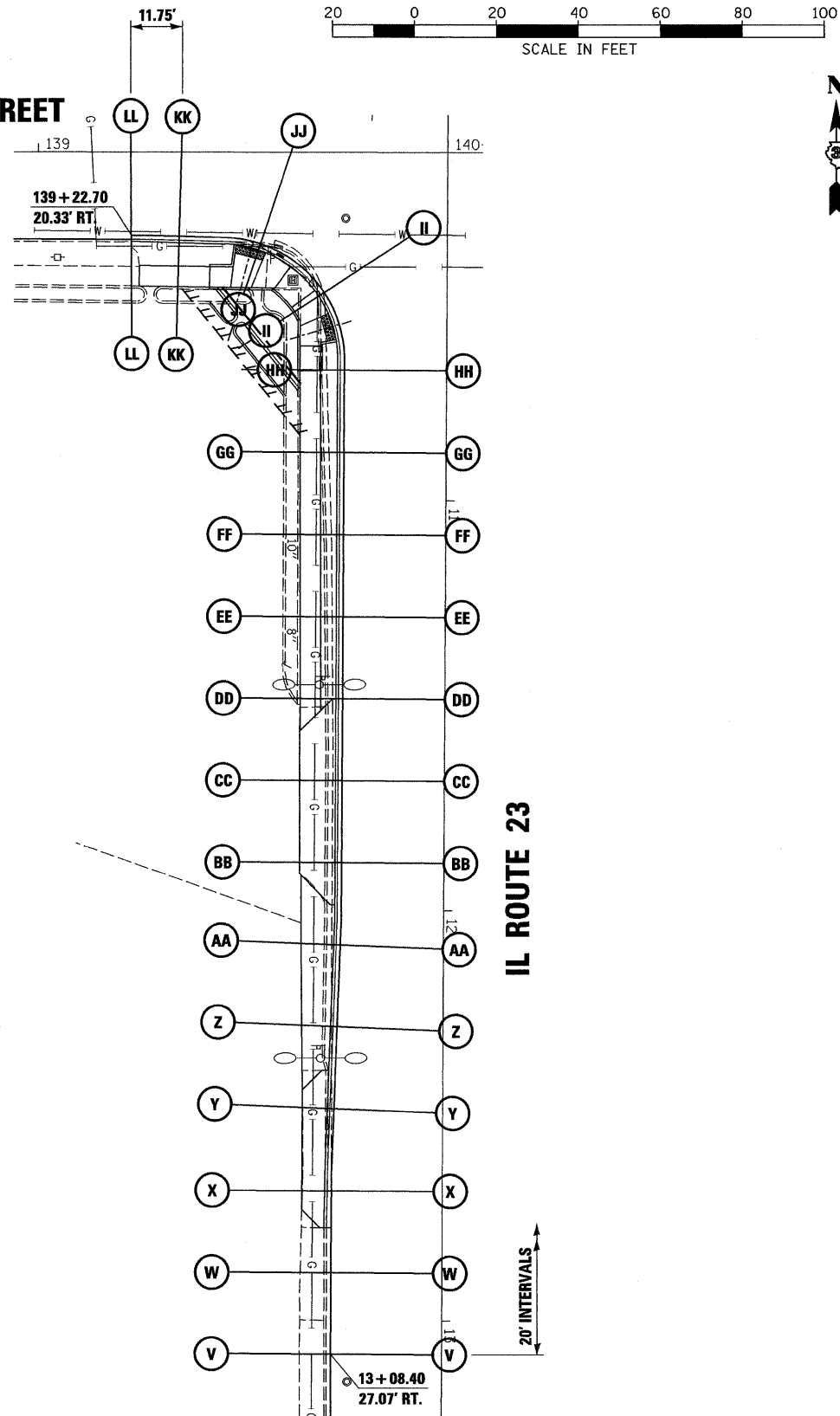
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	117
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

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

DATE	07/09
BY	LAG
NO.	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

**TAYLOR STREET**



FILE NAME =	0366983-SHT-XSST-TAYLOR-SW.DGN
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USER NAME =	---
DESIGNED -	DJD
DRAWN -	LAG
CHECKED -	DJD
DATE -	01/11
PLOT SCALE =	1"=20'
PLOT DATE =	01/11

REVISED -	-----
REVISED -	-----
REVISED -	-----
REVISED -	-----

REVISED -	-----
REVISED -	-----
REVISED -	-----
REVISED -	-----

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS (TAYLOR STREET) SW**

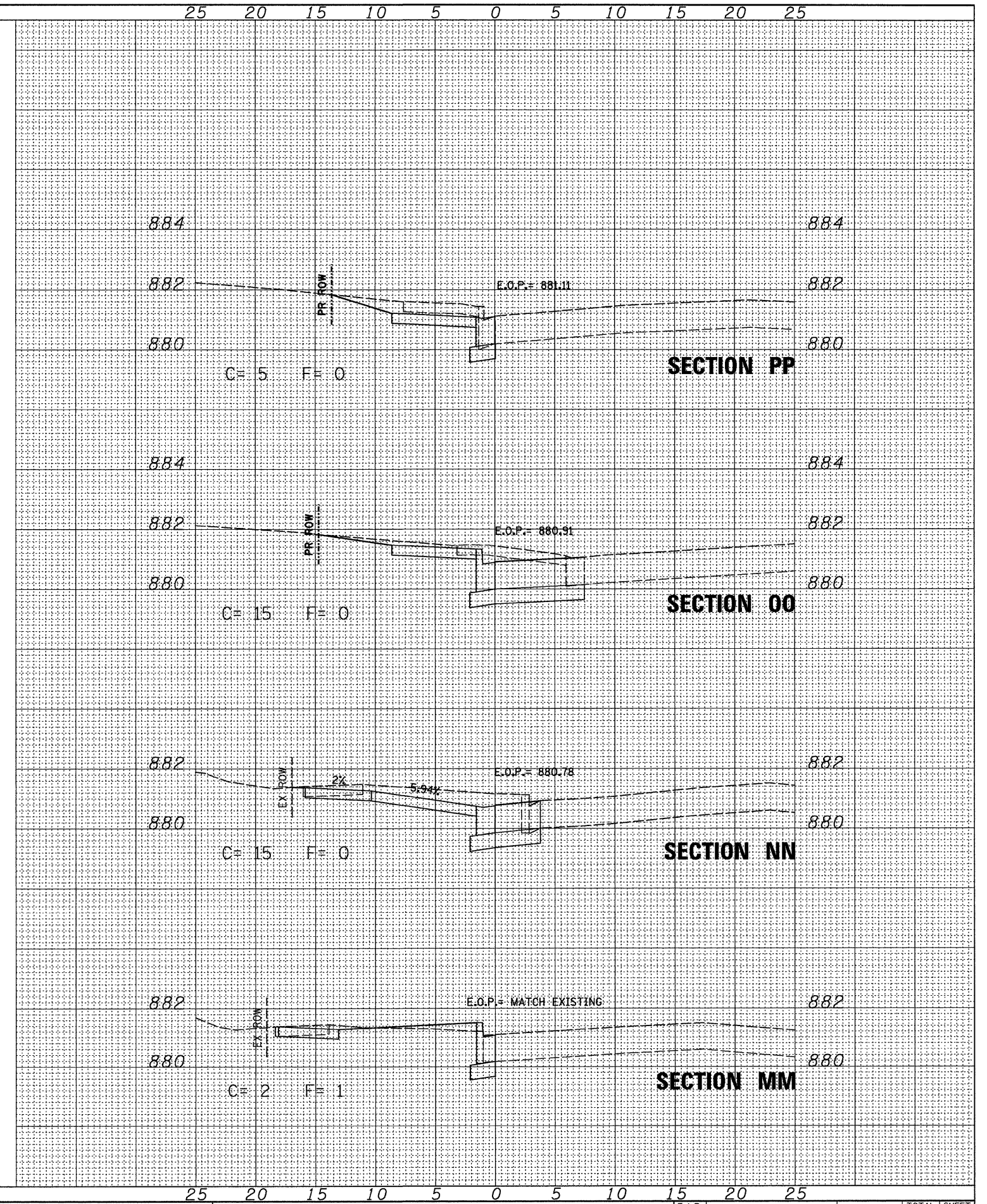
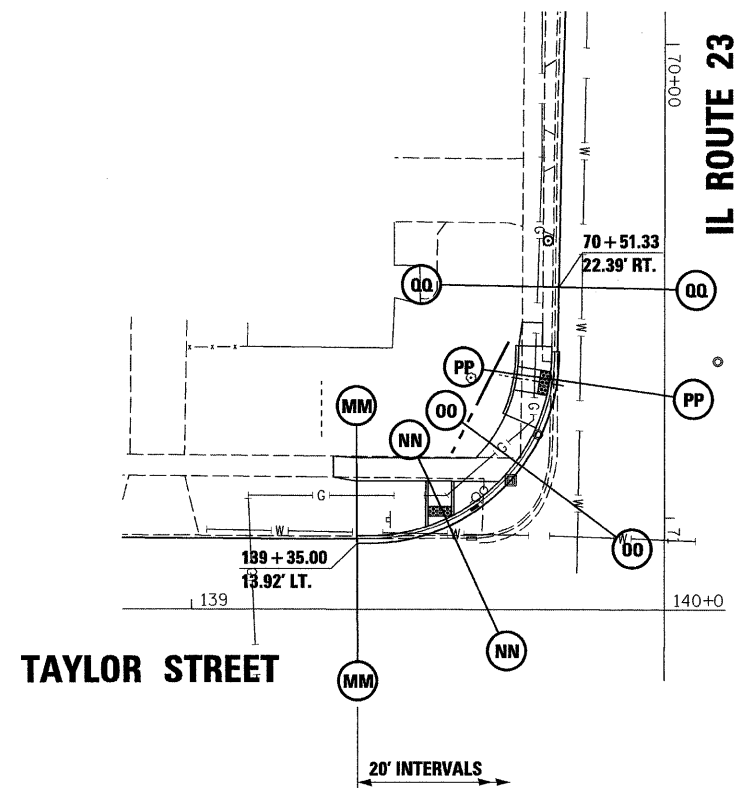
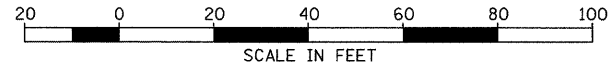
SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	118
				CONTRACT NO. 66983

ILLINOIS FED. AID PROJECT

SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

ORIGINAL SURVEY \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_



FILE NAME = D366983-SHT-XSSHT-TAYLOR-NW.DGN  
 USER NAME = \_\_\_\_\_  
 PLOT SCALE = 1"=20'  
 PLOT DATE = 01/11

DESIGNED - DJD  
 DRAWN - LAG  
 CHECKED - DJD  
 DATE - 01/11

REVISED - \_\_\_\_\_  
 REVISED - \_\_\_\_\_  
 REVISED - \_\_\_\_\_  
 REVISED - \_\_\_\_\_

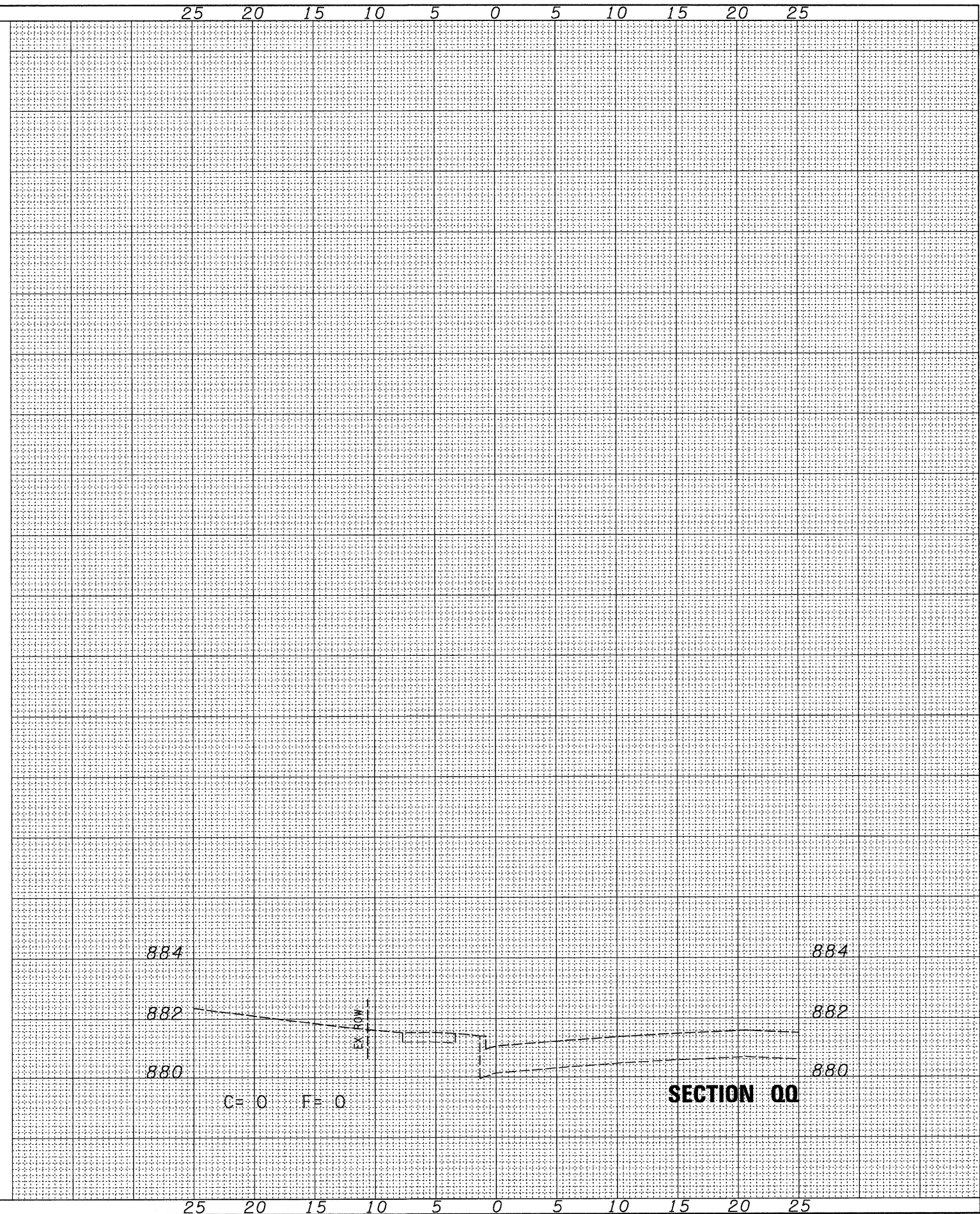
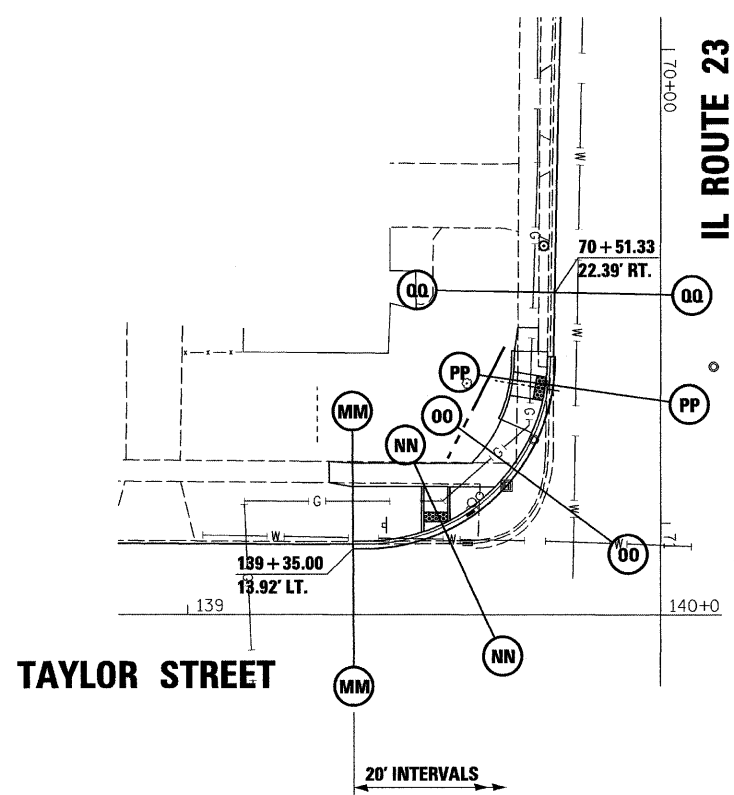
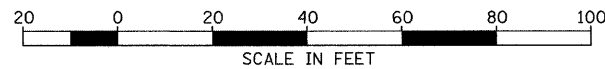
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS (TAYLOR STREET) NW  
 SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 68	SECTION (28)N, TS & I	COUNTY DEKALB	TOTAL SHEETS 120	SHEET NO. 119
CONTRACT NO. 66983				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY  
 SURVEYED  
 PLOTTED  
 NOTE BOOK  
 NO.

ORIGINAL SURVEY  
 SURVEYED  
 PLOTTED  
 NOTE BOOK  
 NO.



FILE NAME = D366983-SHT-XSSHT-TAYLOR-NW.DGN

USER NAME = ---  
 PLOT SCALE = 1"=20'  
 PLOT DATE = 01/11

DESIGNED - DJD	REVISED -
DRAWN - LAG	REVISED -
CHECKED - DJD	REVISED -
DATE - 01/11	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS (TAYLOR STREET) NW**  
 SCALE: 1"=20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(28)N, TS & I	DEKALB	120	120
CONTRACT NO. 66983				

ILLINOIS FED. AID PROJECT