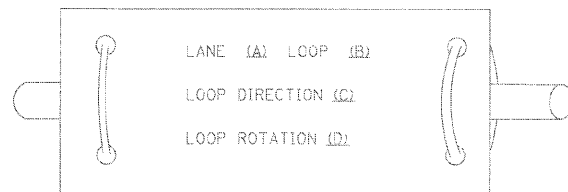


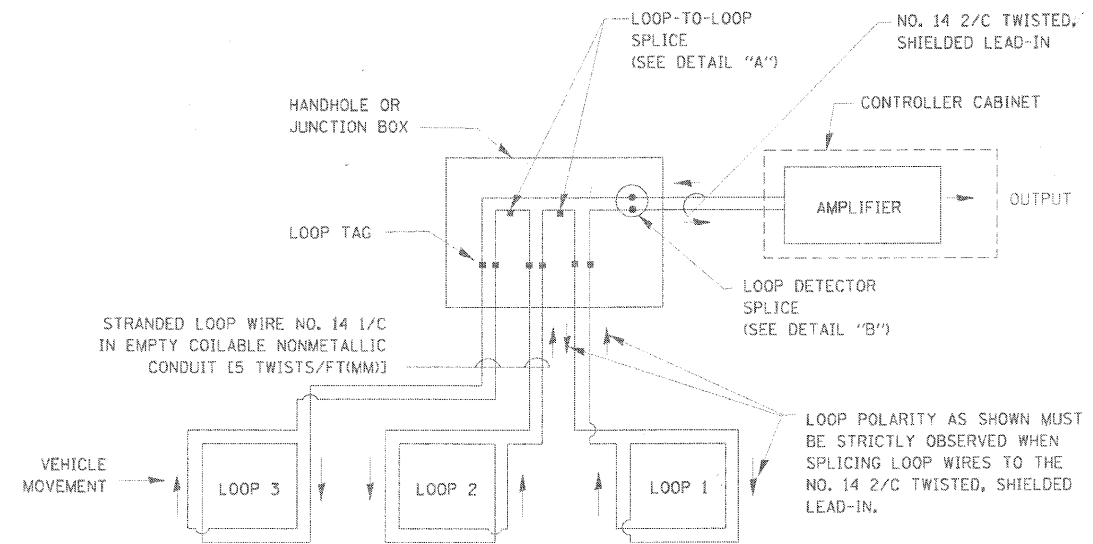
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

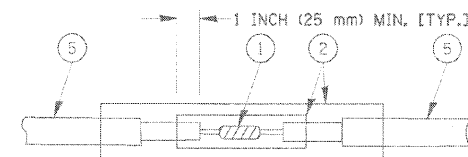


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

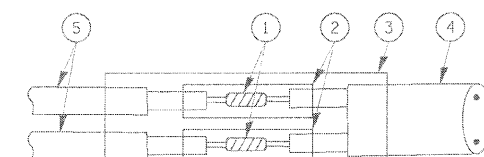


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm), IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

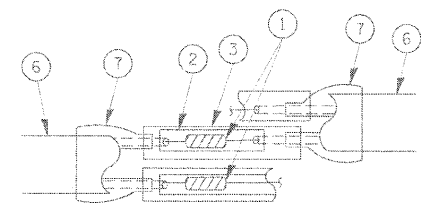


**DETAIL "A"
LOOP-TO-LOOP SPLICE**

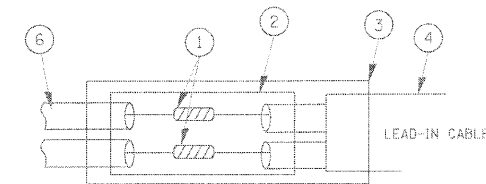


**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

TYPE I LOOP



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

SEC GROUP, INC.
 PROJECT CONTACT:
 VILLAGE OF CARPENTERSVILLE
 CLIENT: 11/1/2010 6:01:39 PM
 DATE PLOTTED: 080226-01p-08101.dgn
 FILE NAME: pef.dgn
 PLOT DRIVER: standard-frame.tbl
 PER TABLE:

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USER NAME = chier-ke	DESIGNED - D.A.D.	REVISED -
PLOT SCALE = N.T.S.	DRAWN - B.W.R.	REVISED - BUR-TRAFFIC 1-2-02
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	DATE - 10/28/09	REVISED -

VILLAGE OF CARPENTERSVILLE

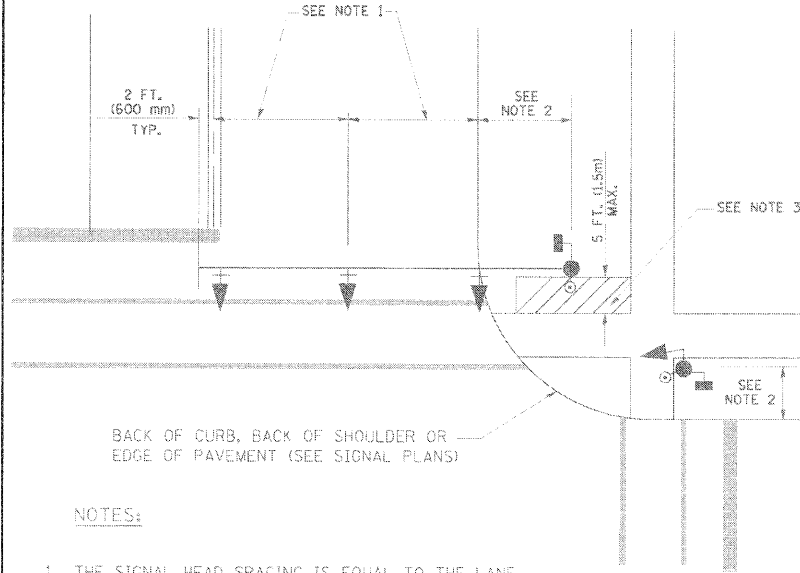
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: N.T.S. SHEET NO. 1 OF 7 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-PP	KANE	211	101
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

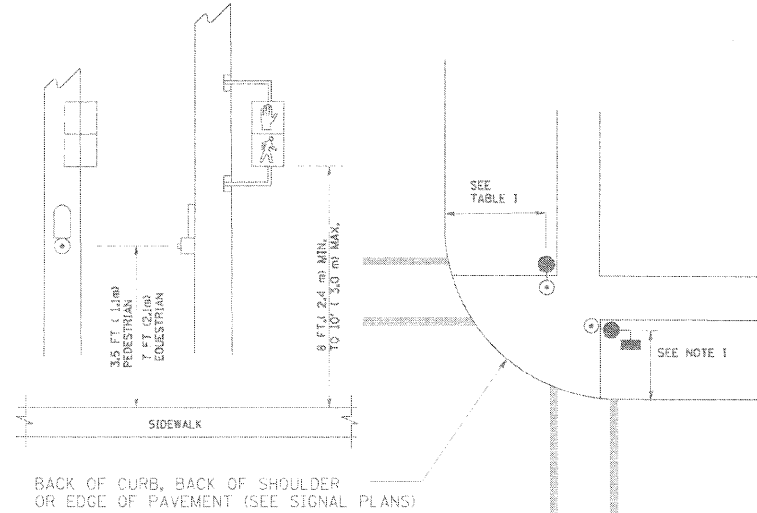
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

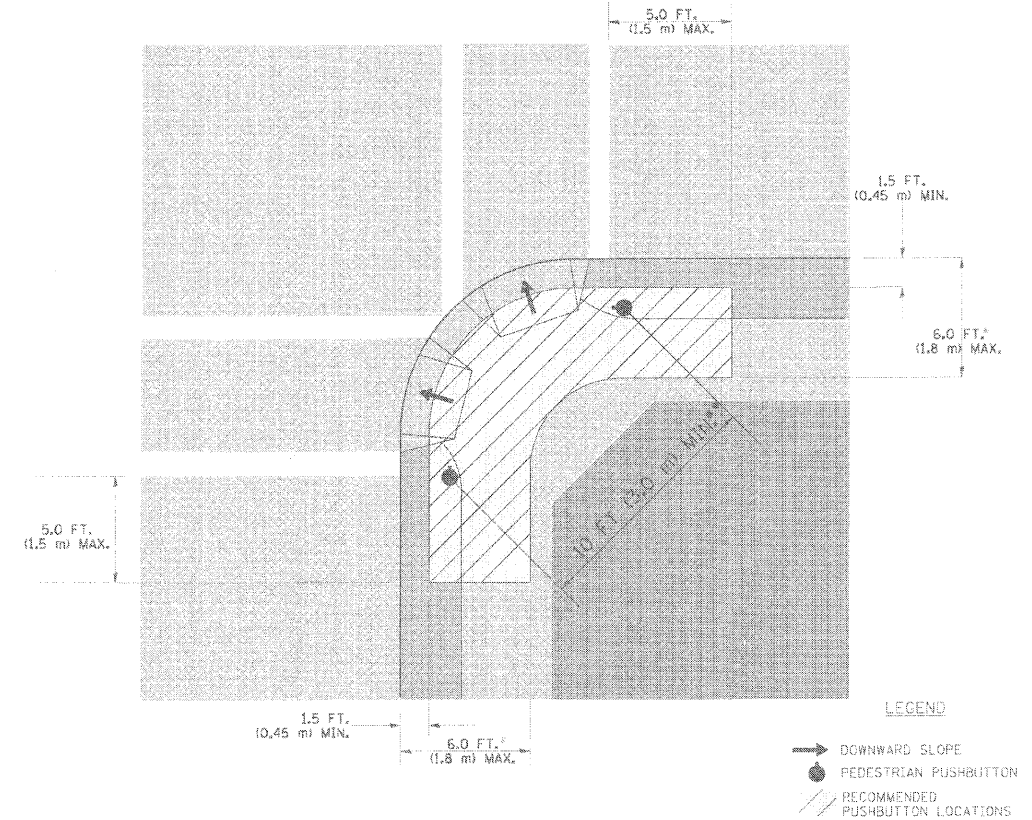
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD AFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: VILLAGE OF CARPENTERSVILLE
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/17/2010 8:01:45 PM
 FILE NAME: 060326-sig-dt102.dgn
 PLOT DRIVER: pdfplot
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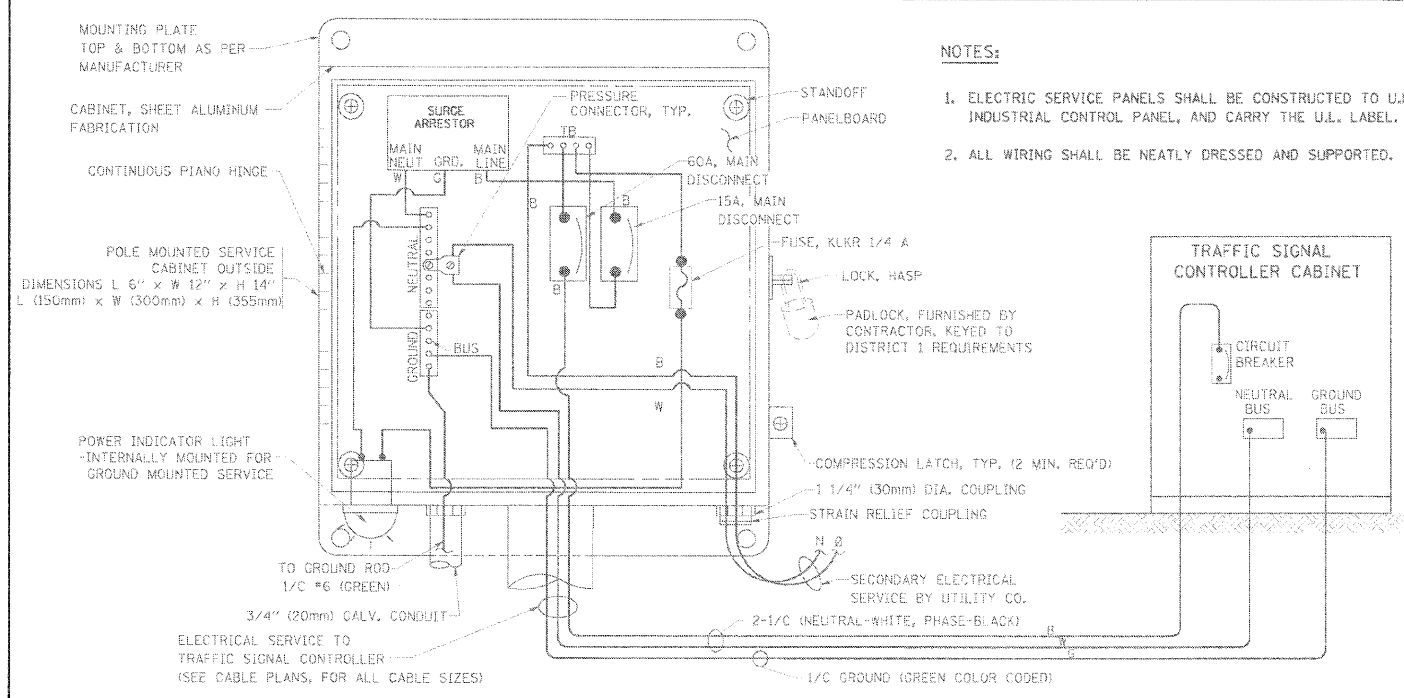
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VILLAGE OF CARPENTERSVILLE

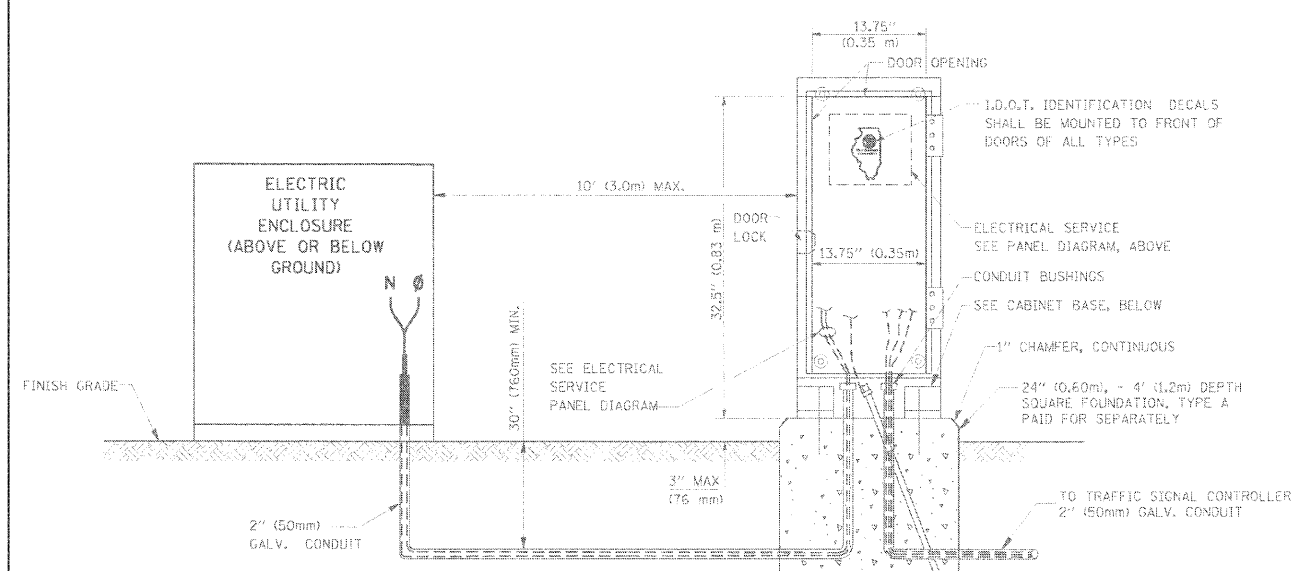
DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: N.T.S. SHEET NO. 2 OF 9 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	102
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

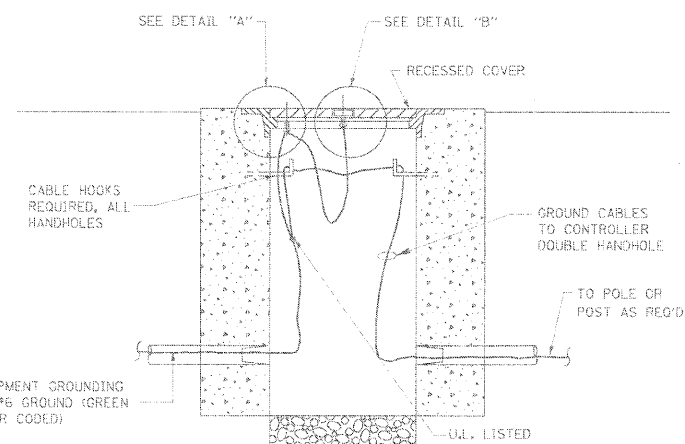
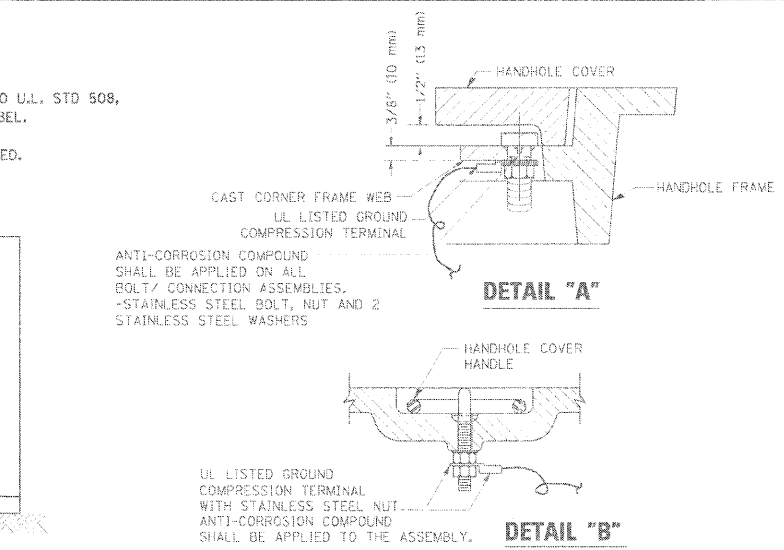


ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)

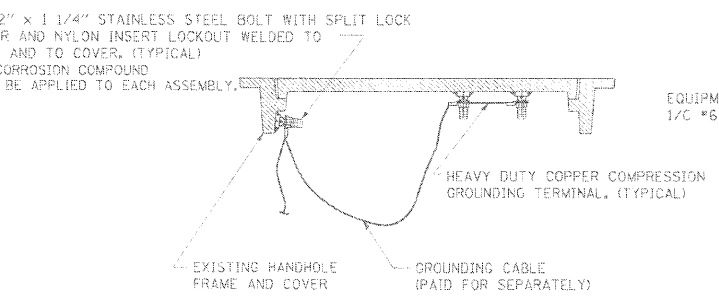


SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

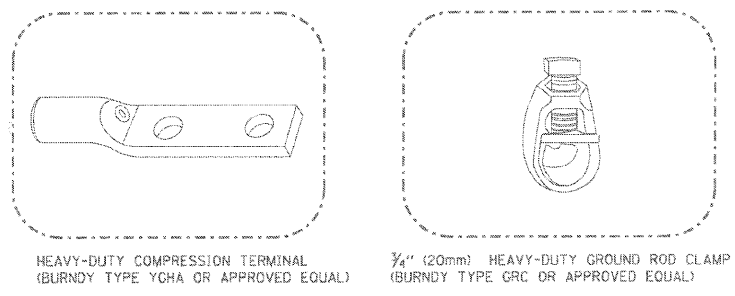
CABINET - BASE BOLT PATTERN
 (NOT TO SCALE)



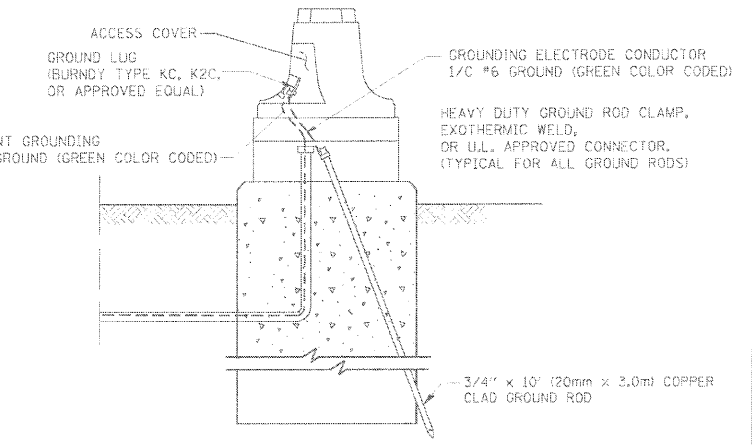
HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
 - 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
 - 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
 - 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



MAST ARM POLE / POST-GROUNDING DETAIL
 (NOT TO SCALE)

NOTES:

GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.), GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

SEC GROUP, INC.
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 CONTACT CONTACT:
 VILLAGE OF CARPENTERSVILLE
 CLIENT:
 DATE PLOTTED:
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 080326-810-09103.dgn
 PLOT DRIVER:
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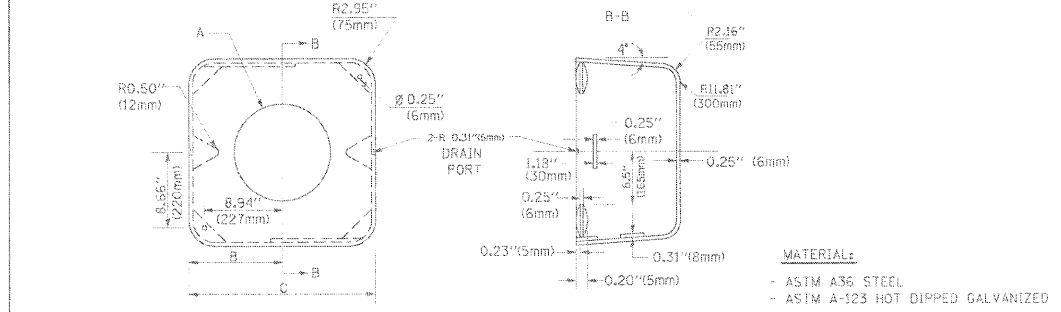
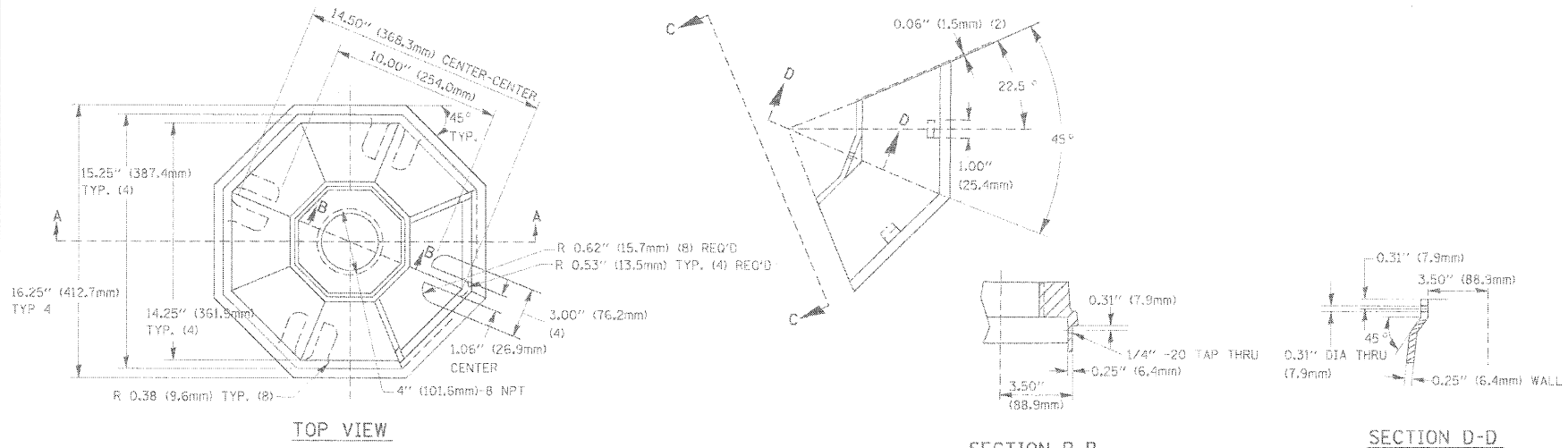
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PLOT DATE = 11/1/2018	CHECKED - D.A.Z.	REVISED -
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VILLAGE OF CARPENTERSVILLE

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

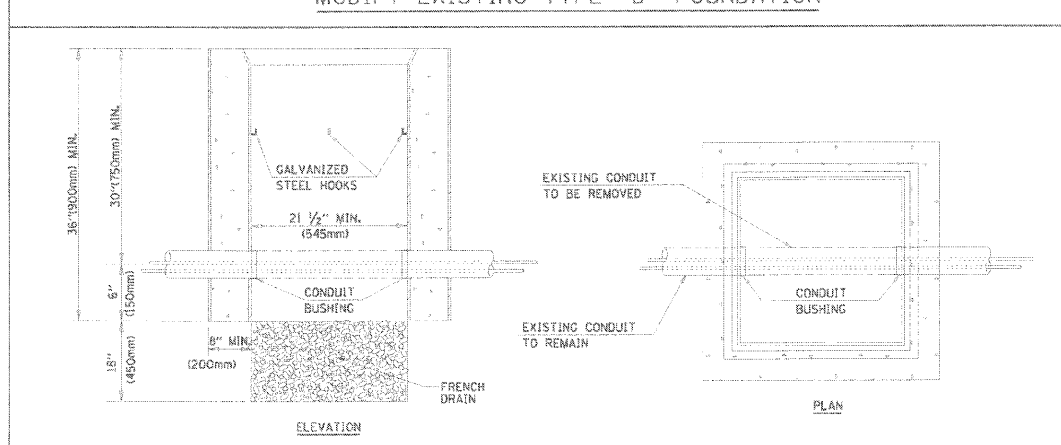
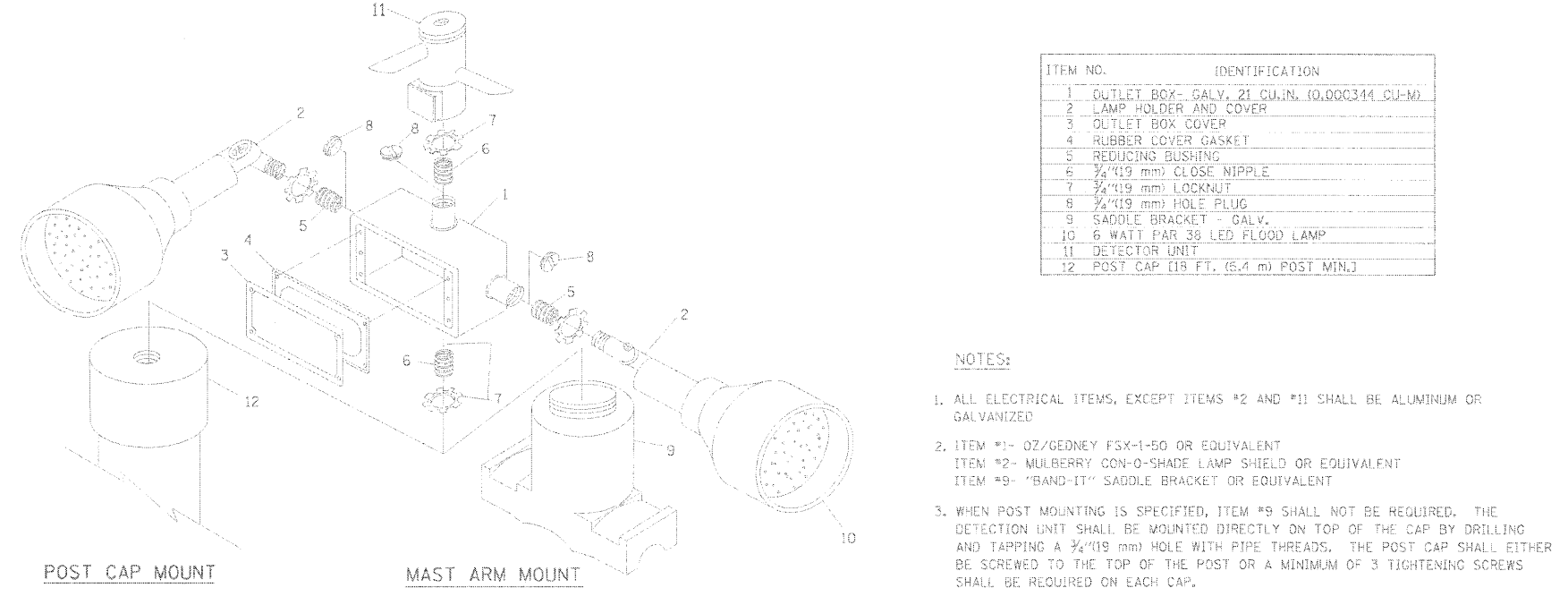
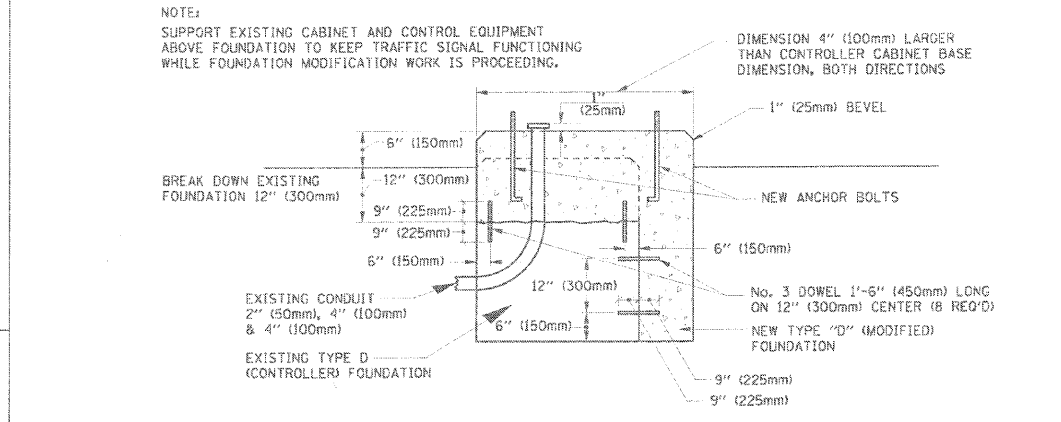
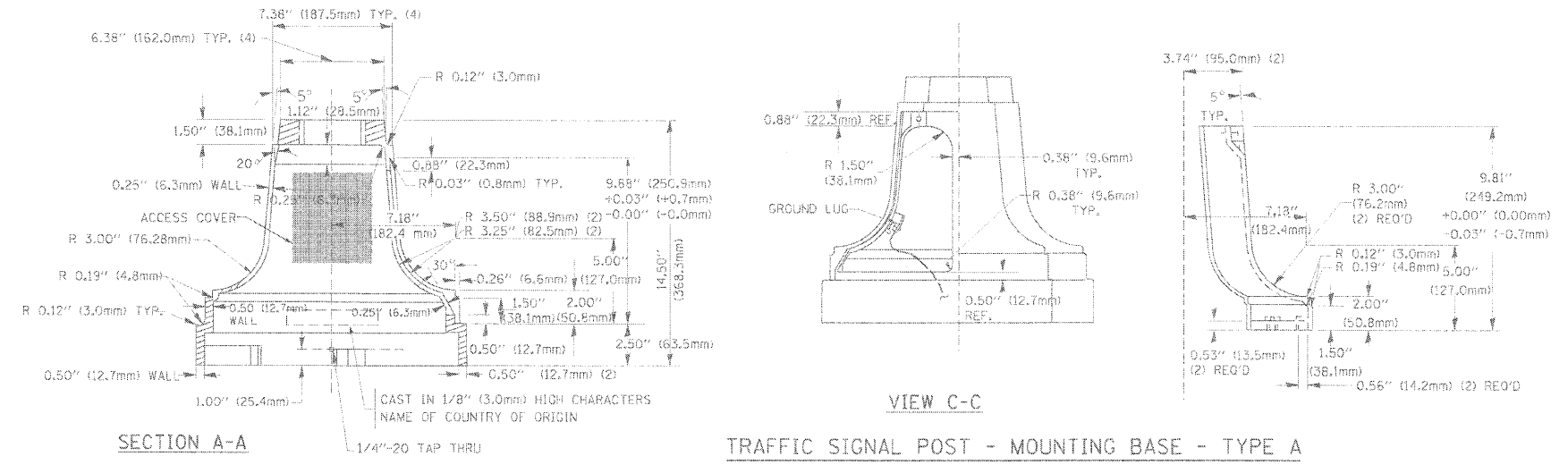
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	103
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



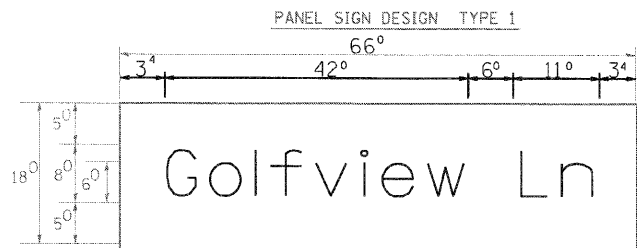
	A	B	C	HEIGHT	WEIGHT
VARIABLES	VARIES	9.5\" (241mm)	19\" (483mm)	7\" (178mm) - 12\" (300mm)	53 lbs (24kg)
VARIABLES	VARIES	10.75\" (273mm)	21.5\" (546mm)	7\" (178mm) - 12\" (300mm)	68 lbs (31 kg)
VARIABLES	VARIES	13.0\" (330mm)	26\" (660mm)	7\" (178mm) - 12\" (300mm)	81 lbs (37 kg)
VARIABLES	VARIES	18.5\" (470mm)	37\" (940mm)	7\" (178mm) - 12\" (300mm)	126 lbs (57 kg)

- NOTES:
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
 - THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
 - THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.



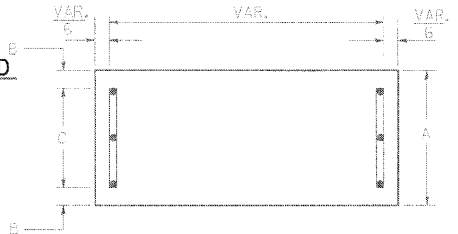
- NOTES:
- HANDHOLE CONSTRUCTED PER STATE STANDARD B14001.
 - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

COMPANY NAME: SEC GROUP, INC.
 CONTACT: VILLAGE OF CARPENTERSVILLE
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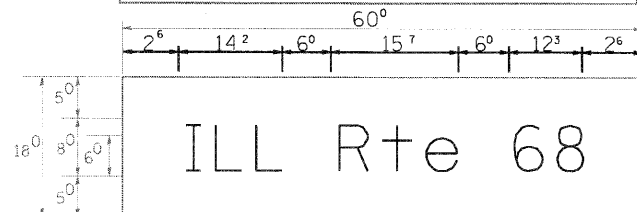


Sq. M. each
 8.25 Sq. Ft. each
 2 Required
 Design Series **D**

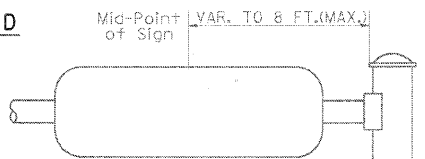
SUPPORTING CHANNELS



A	B	C
16"	2"	14"

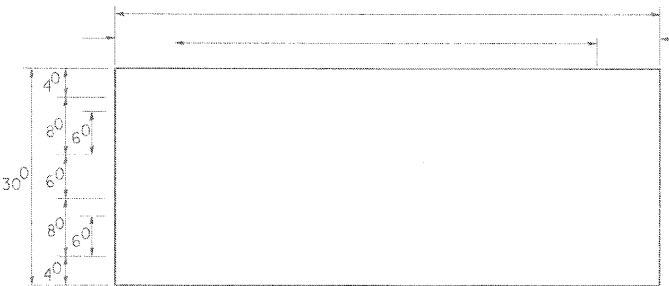


Sq. M. each
 7.5 Sq. Ft. each
 1 Required
 Design Series **D**



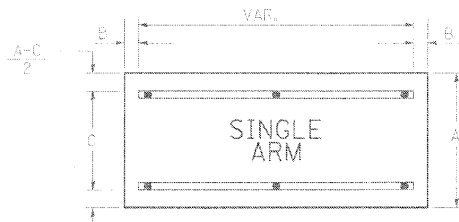
NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS

PANEL SIGN DESIGN TYPE 2

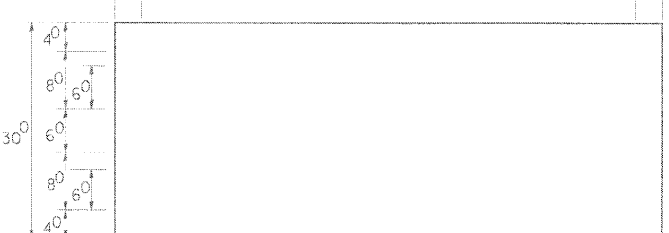


Sq. M. each
 Sq. Ft. each
 Required

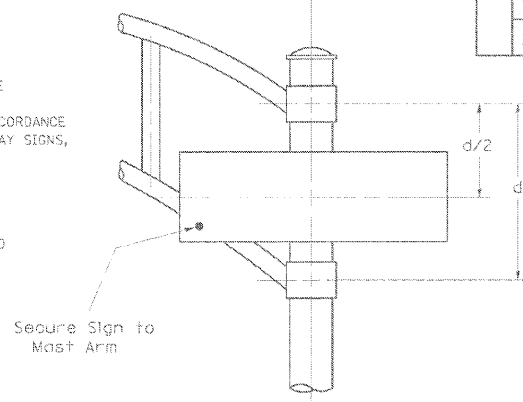
SUPPORTING CHANNELS



A	B	C
18"	2"	12"
30"	2"	22"



Sq. M. each
 Sq. Ft. each
 Required
 Design Series



DUAL ARM

SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM
 shld be used. See Note #5.

Upper Case To Lower Case
 Spacing Chart 8-6 Inch Series "C & D"

SERIES	SECOND LETTER															
	acde		bhikl		f w		j		s t		v y		x		z	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
A W X	12	14	14	15	12	14	06	10	11	14	06	10	11	12	12	14
B	14	15	20	21	14	15	11	12	14	15	12	14	12	14	16	17
C E G	14	15	20	21	12	14	06	10	12	14	12	14	14	15	14	15
D O Q R	14	15	20	21	14	15	06	10	12	14	12	14	14	15	14	15
F	05	06	14	15	06	10	05	06	06	10	06	10	06	10	11	12
H I M N	20	21	22	24	20	21	14	15	16	17	16	17	20	21	20	21
J U	20	21	20	21	16	17	14	15	16	17	16	17	16	17	20	21
K L	11	12	16	17	11	12	05	06	11	12	11	12	11	12	12	14
P	12	14	14	15	12	14	05	06	11	12	11	12	12	14	12	14
S	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14
T	11	12	16	17	06	10	06	10	11	12	11	12	11	12	12	14
V	06	10	14	15	11	12	06	10	12	14	12	14	12	14	12	14
Y	05	06	14	15	06	10	05	06	05	07	05	06	06	10	11	12
Z	16	17	22	24	16	17	12	14	16	17	16	17	16	17	20	21

EXAMPLE, 2 ³ DENOTES ³/₈

UPPER AND LOWER CASE
 LETTER WIDTHS

LETTERS	6 INCH UPPER CASE LETTERS				8 INCH UPPER CASE LETTERS				LETTERS	6 INCH LOWER CASE LETTERS	
	SERIES		SERIES		SERIES		SERIES			SERIES	
	C	D	C	D	C	D	C	D		C	D
A	3 ⁶	5 ⁰	5 ⁰	6 ⁵	a	3 ⁵	4 ²				
B	3 ²	4 ⁰	4 ³	5 ³	b	3 ⁵	4 ²				
C	3 ²	4 ⁰	4 ³	5 ³	c	3 ⁵	4 ¹				
D	3 ²	4 ⁰	4 ³	5 ³	d	3 ⁵	4 ²				
E	3 ⁰	3 ⁵	4 ⁰	4 ⁷	e	3 ⁵	4 ²				
F	3 ⁰	3 ⁵	4 ⁰	4 ⁷	f	2 ³	2 ⁶				
G	3 ²	4 ⁰	4 ³	5 ³	g	3 ⁵	4 ²				
H	3 ²	4 ⁰	4 ³	5 ³	h	3 ⁵	4 ²				
I	0 ⁷	0 ⁷	1 ¹	1 ²	i	1 ¹	1 ¹				
J	3 ⁰	3 ⁶	4 ⁰	5 ⁰	j	2 ⁰	2 ²				
K	3 ²	4 ¹	4 ³	5 ⁴	k	3 ⁵	4 ²				
L	3 ⁰	3 ⁵	4 ⁰	4 ⁷	l	1 ¹	1 ¹				
M	3 ⁷	4 ⁵	5 ¹	6 ¹	m	6 ⁰	7 ⁰				
N	3 ²	4 ⁰	4 ³	5 ³	n	3 ⁵	4 ²				
O	3 ⁴	4 ²	4 ⁵	5 ⁵	o	3 ⁶	4 ³				
P	3 ²	4 ⁰	4 ³	5 ³	p	3 ⁵	4 ²				
Q	3 ⁴	4 ²	4 ⁵	5 ⁵	q	3 ⁵	4 ²				
R	3 ²	4 ⁰	4 ³	5 ³	r	2 ⁶	3 ²				
S	3 ²	4 ⁰	4 ³	5 ³	s	3 ⁶	4 ²				
T	3 ⁰	3 ⁵	4 ⁰	4 ⁷	t	2 ⁷	3 ²				
U	3 ²	4 ⁰	4 ³	5 ³	u	3 ⁵	4 ²				
V	3 ⁵	4 ⁴	4 ⁷	6 ⁰	v	4 ²	4 ⁷				
W	4 ⁴	5 ²	6 ⁰	7 ⁰	w	5 ⁵	6 ⁴				
X	3 ⁴	4 ⁰	4 ⁵	5 ³	x	4 ⁴	5 ¹				
Y	3 ⁶	5 ⁰	5 ⁰	6 ⁶	y	4 ⁶	5 ³				
Z	3 ²	4 ⁰	4 ³	5 ³	z	3 ⁶	4 ³				

Lower Case To Lower Case
 Spacing Chart 6 Inch Series "C & D"

SERIES	SECOND LETTER															
	acde		bhikl		f w		j		s t		v y		x		z	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
ad h g i j	16	17	22	24	16	17	12	14	14	15	14	15	16	17	16	17
l m n q u																
b f k o p s	12	14	16	17	11	12	05	06	11	12	11	12	12	14	12	14
c e	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14
r	06	10	12	14	06	10	03	03	05	06	05	06	06	10	06	10
t z	12	14	16	17	12	14	06	10	11	12	11	12	12	14	12	14
v y	11	12	14	15	11	12	05	06	06	10	06	10	11	12	11	12
w	11	12	14	15	11	12	05	06	11	12	11	12	11	12	12	14
x	12	14	16	17	11	12	05	06	11	12	11	12	11	12	12	14

Number To Number
 Spacing Chart 8 Inch Series "C & D"

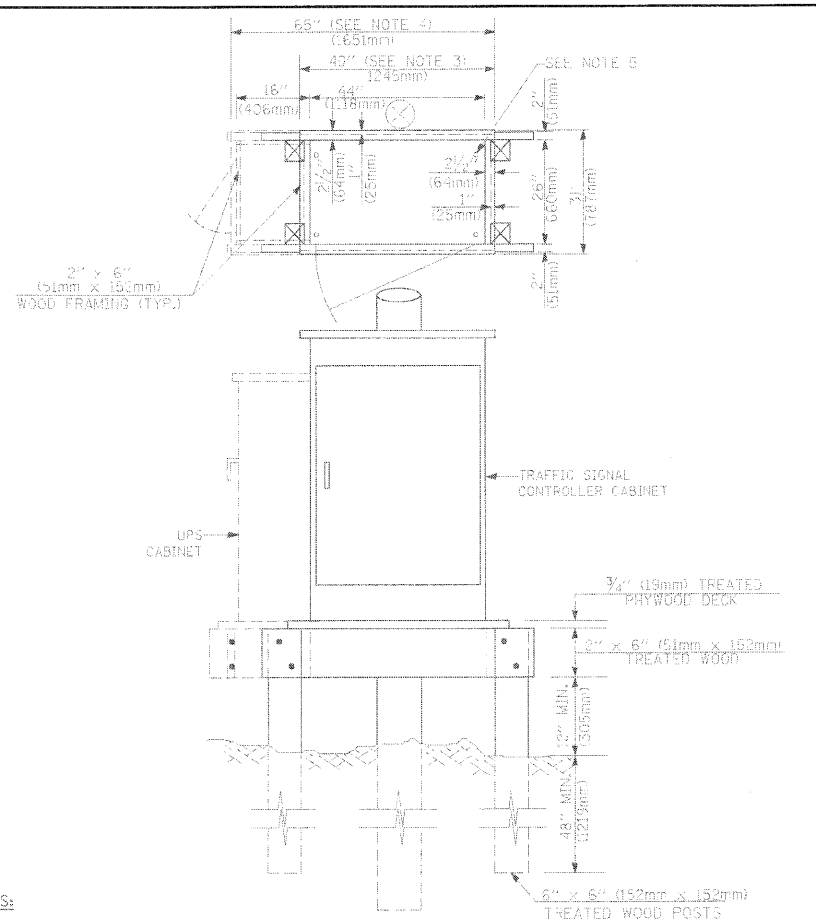
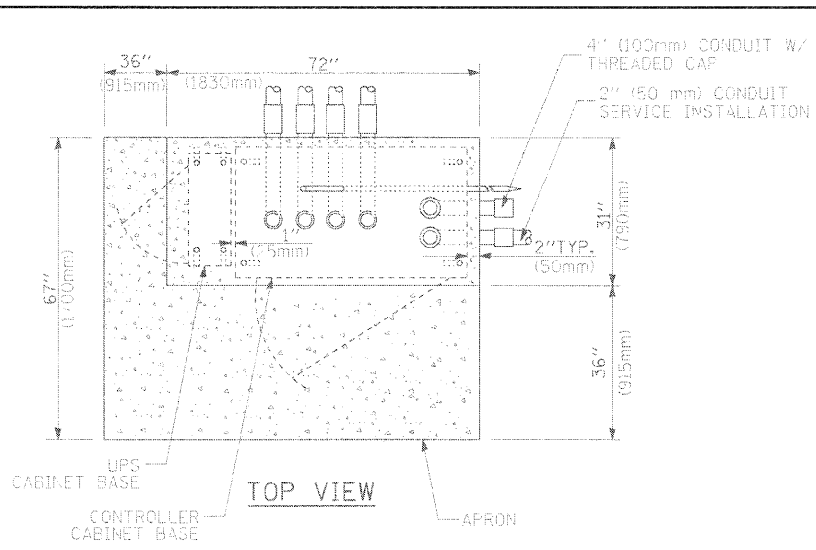
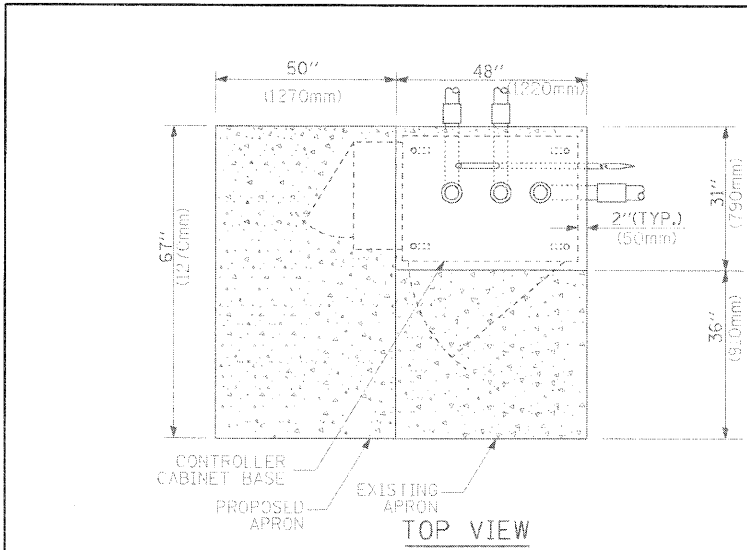
SERIES	SECOND NUMBER																			
	0		1		2		3		4		5		6		7		8		9	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
0 9	16	17	16	17	14	15	12	14	14	15	14	15	16	17	12	14	16	17	16	17
1	20	21	20	21	20	21	16	17	14	15	20	21	20	21	14	15	20	21	20	21
2 3 4	14	15	14	15	14	15	12	14	12	14	14	15	14	15	11	12	16	17	14	15
5	14	15	14	15	14	15	11	12	11	12	14	15	14	15	11	12	14	15	14	15
6	16	17	14	15	14	15	12	15	12	14	14	15	14	15	11	12	14	15	14	15
7	12	14	12	14	14	15	12	15	05	06	12	14	14	15	11	12	14	15	12	14
8	16	17	16	17	14	15	12	15	12	14	14	15	16	17	12	14	16	17	14	15

NUMBER	6 INCH SERIES		8 INCH SERIES	
	C	D	C	D
1	12	14	15	20
2	32	40	43	53
3	32	40	43	53
4	35	43	47	57
5	32	40	43	53
6	32	40	43	53
7	32	40	43	53
8	32	40	43	53
9	32	40	43	53
0	34	42	45	55

- GENERAL NOTES**
- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
 - ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
 - THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 8'-0".
 - ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
 - SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:
 * J.O. HERBERT CO. MIDLOTHIAN, VA.
 * WESTERN REMAC INC. WOODRIDGE, IL.
- PARTS LISTING:**
 SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
 SIGN SCREWS 1/2" x 14 x 1" H.W.H. #3
 SELF TAPPING WITH NEOPRENE WASHER
 BRACKETS PART #HPN034 (UNIVERSAL)
 CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING
- OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

SEC GROUP, INC.
 1171/2010 60200 PM
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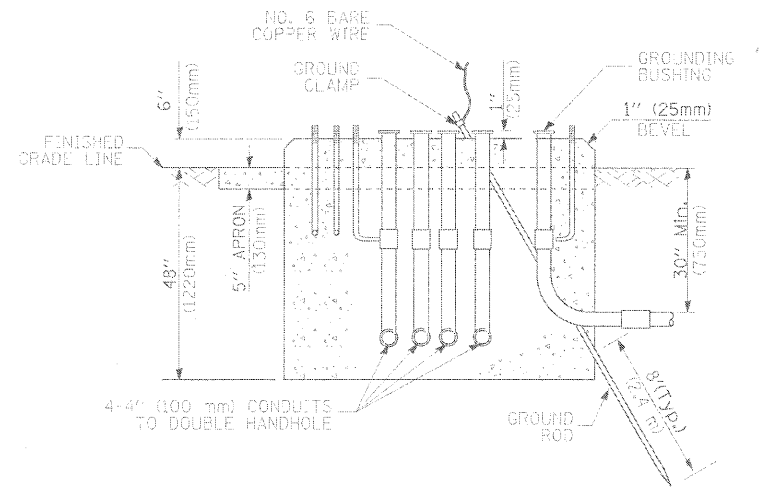
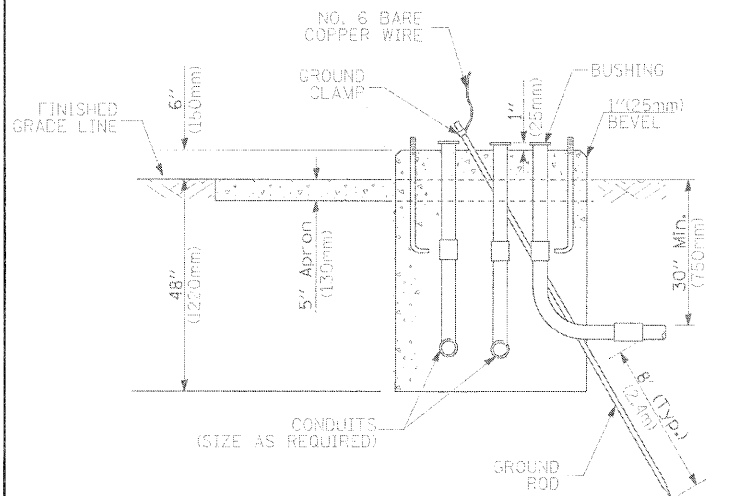
<p>SEC Group, Inc. 435 N. First Street Moline, IL 61905-1100 815.396.1778 F. 815.395.1791 www.secgroup.com</p>	USER NAME = Chertke PLOT SCALE = N.T.S. PLOT DATE = 11/1/2010	DESIGNED - D.A.D. DRAWN - R.W.P. CHECKED - D.A.Z. DATE - 10/25/10	REVISED - REVISED - BUR. TRAFFIC 1-2-02 REVISED - REVISED -	VILLAGE OF CARPENTERSVILLE DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS SCALE: N.T.S. SHEET NO. 5 OF 7 SHEETS STA. NA TO STA. NA	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. * FAU 2414, FAU 1280, FAP 343 KANE 211 105 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
	CONTRACT NO. 63504				



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM



TYPE D FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET

TYPE C FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

MAST ARM LENGTH	FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

CABLE SLACK

VERTICAL CABLE LENGTH

DEPTH OF FOUNDATION

SEC GROUP, INC.
 COMPANY NAME: SEC GROUP, INC.
 CONTACT: VILLAGE OF CARPENTERSVILLE
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/17/2010 6:02:05 PM
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PLOT SCALE = N.T.S.	DRAWN - R.W.P.	REVISED - BUR. TRAFFIC 1-2-02
PLOT DATE = 11/17/2010	CHECKED - D.A.Z.	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: N.T.S.	SHEET NO. 6 OF 7 SHEETS
STA. NA	TO STA. NA

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	106
*FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED											
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE														
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE														
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA														
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED														
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F														
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F														
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)				FIBER OPTIC CABLE NO. 62.5/125, MM12F 5M12F														
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)														
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE														
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED														
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM				STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED														
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM				ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED														
SIGNAL POST				REMOVE ITEM				STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED														
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM				SIGNAL POST AND FOUNDATION TO BE REMOVED														
GUY WIRE				ABANDON ITEM				INTERSECTION & SAMPLING (SYSTEM) DETECTOR														
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				SAMPLING (SYSTEM) DETECTOR														
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				EXISTING INTERSECTION LOOP DETECTOR														
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR														
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD				EXISTING PREFORMED INTERSECTION LOOP DETECTOR														
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR														
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR														
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID				PREFORMED SAMPLING (SYSTEM) DETECTOR														
PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER				<h2 style="margin: 0;">RAILROAD SYMBOLS</h2> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">EXISTING</th> <th style="width: 50%;">PROPOSED</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>			EXISTING	PROPOSED										
EXISTING	PROPOSED																					
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				RADIO INTERCONNECT																		
ILLUMINATED SIGN "NO LEFT TURN"				RADIO REPEATER																		
ILLUMINATED SIGN "NO RIGHT TURN"				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED																		
DETECTOR LOOP, TYPE I				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)																		
PREFORMED DETECTOR LOOP																						
MICROWAVE VEHICLE SENSOR																						
VIDEO DETECTION CAMERA																						
VIDEO DETECTION ZONE																						
PAN, TILT, ZOOM CAMERA																						
WIRELESS DETECTOR SENSOR																						
WIRELESS ACCESS POINT																						

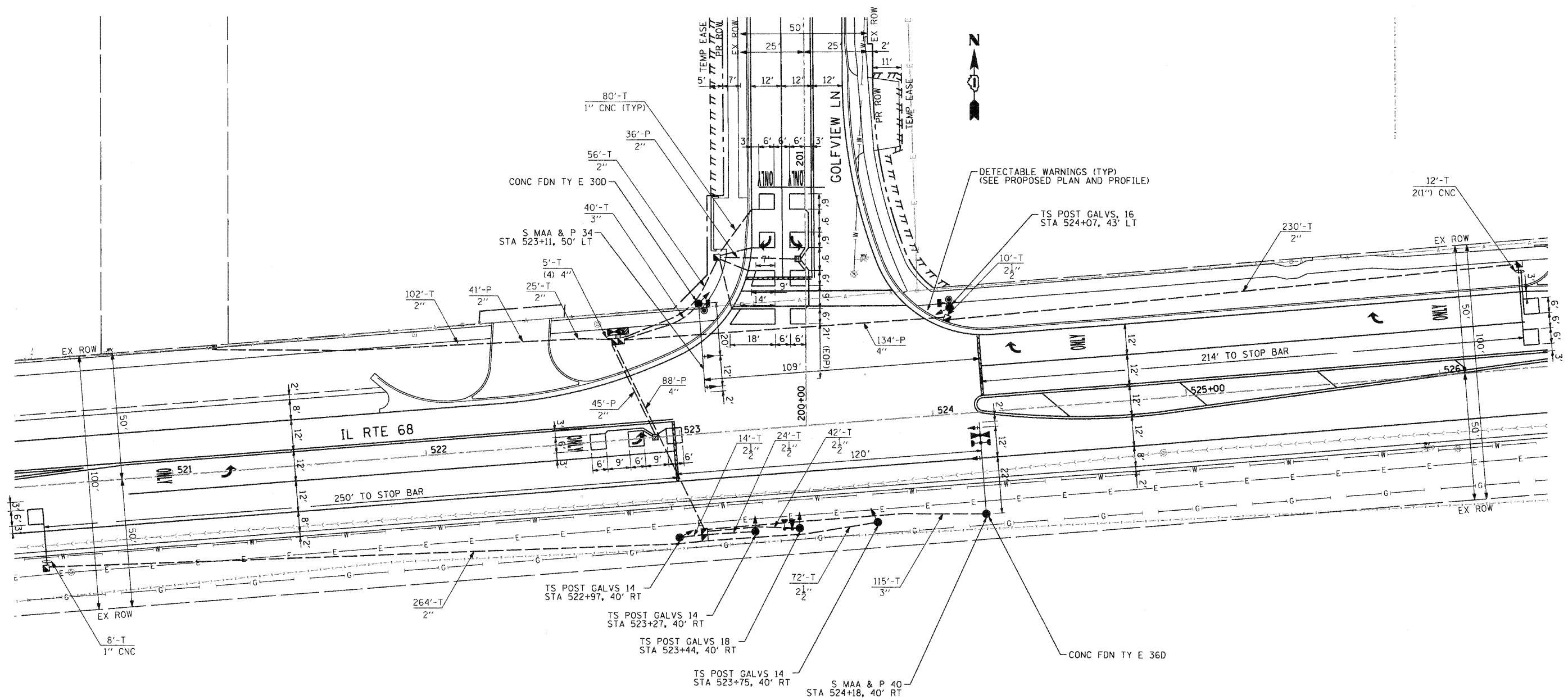
SEC GROUP, INC.
 COMPANY NAME:
 CONTACT:
 CLIENT:
 DATE PLOTTED:
 FILE NAME:
 PLOT DRIVER:
 PEN TABLE:

 SEC Group, Inc. <small>An ISO 9001 Certified Company 420 N. First Street, Moline, IL 61902-2209 815.326.1778 F. 815.326.1791 www.secgroup.com</small>	USER NAME = Chertke	DESIGNED - D.A.D.	REVISED -	VILLAGE OF CARPENTERSVILLE	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = N.T.S.	DRAWN - R.W.P.	REVISIONS - BUR, TRAFFIC 1-2-02		REVISIONS -	SCALE: N.T.S.	SHEET NO. 7 OF 7 SHEETS	STA. NA	TO STA. NA	06-00074-00-PP	KANE
PLOT DATE = 11/1/2010	CHECKED - D.A.Z.	DATE - 10/25/10	REVISED -					* FAU 2414, FAU 1280, FAP 343	CONTRACT NO. 63504		
								FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

NOTE:
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF WORK AREA
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAYS SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
STOP BARS ARE NOT TO BE PLACED PRIOR TO THE PROPOSED TRAFFIC SIGNALS BEING OPERATIONAL. THEY MUST BE IN PLACE, HOWEVER, AT THE TIME OF TURN-ON.



SEC GROUP, INC.
 COMPANY NAME
 PROJECT CONTACT
 VILLAGE OF CARPENTERSVILLE
 CLIENT
 11/17/2010 6:02:13 PM
 DATE PLOTTED
 080326-sb-pn.dgn
 FILE NAME
 pdflht
 PLOT DRIVER
 sfondard@trans.nj
 PEN TABLE

SEC Group, Inc.
 1000 Professional Design Firm 15600010
 400 N. First Street
 Morrisville, NC 27560-2000
 E 919.366.1779 F 919.366.1791
 www.secgroup.com

USER NAME = CHeerke	DESIGNED - JJS	REVISED -
PLOT SCALE = 1" = 20'	DRAWN - JJS	REVISED -
PLOT DATE = 11/17/2010	CHECKED - CJP	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

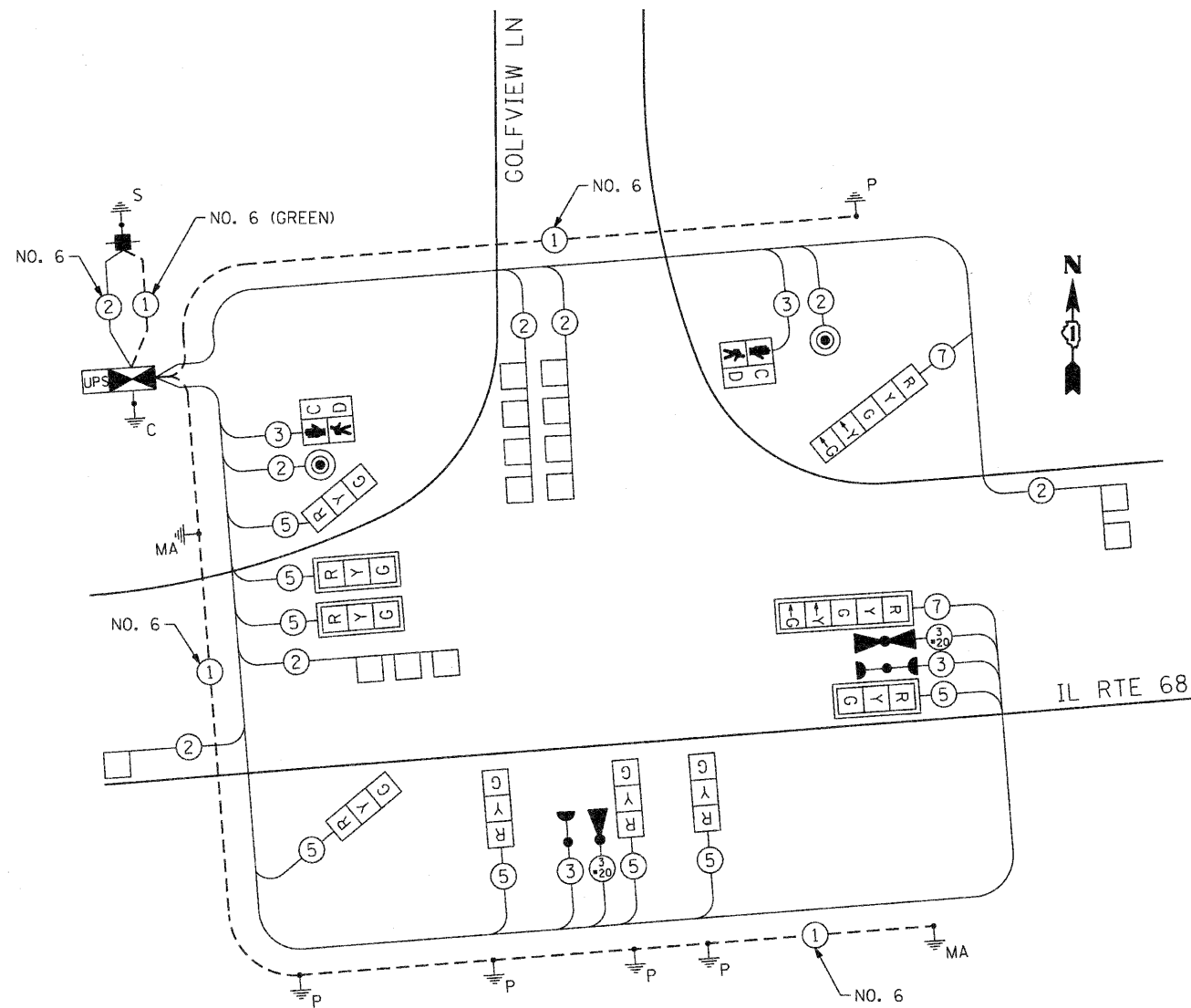
TRAFFIC SIGNAL INSTALLATION PLAN
IL RTE 68 AT GOLFVIEW LANE

SCALE: 1" = 20' SHEET NO. 0 OF 0 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	108
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SCHEDULE OF QUANTITIES

CODE NUMBER	PAY ITEM DESCRIPTION	UNITS	TOTAL
72000100	SIGN PANEL - TYPE 1	SQ FT	24
81000600	CONDUIT IN TRENCH, 2" DIA, GALVANIZED STEEL	FOOT	677
81000700	CONDUIT IN TRENCH, 2 1/2" DIA, GALVANIZED STEEL	FOOT	162
81000800	CONDUIT IN TRENCH, 3" DIA, GALVANIZED STEEL	FOOT	155
81001000	CONDUIT IN TRENCH, 4" DIA, GALVANIZED STEEL	FOOT	25
81018500	CONDUIT PUSHED, 2" DIA, GALVANIZED STEEL	FOOT	122
81018600	CONDUIT PUSHED, 2 1/2" DIA, GALVANIZED STEEL	FOOT	134
81018900	CONDUIT PUSHED, 4" DIA, GALVANIZED STEEL	FOOT	88
81400100	HANDHOLE	EACH	4
81400200	HEAVY-DUTY HANDHOLE	EACH	2
81400300	DOUBLE HANDHOLE	EACH	2
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1,280
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2/C	FOOT	217
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3/C	FOOT	1,292
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5/C	FOOT	1,922
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7/C	FOOT	1,072
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,032
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2/C	FOOT	218
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT.	EACH	3
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	1
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 18 FT.	EACH	1
87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800400	CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	14
87800415	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	13
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	4
88500100	INDUCTIVE LOOP DETECTOR	EACH	5
88600100	DETECTOR LOOP, TYPE 1	FOOT	484
88700200	LIGHT DETECTOR	EACH	3
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
88800100	PEDESTRIAN PUSH BUTTON	EACH	2
X8050015	SERVICE INSTALLATION, POLE MOUNTED	EACH	1
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	1
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1/C	FOOT	1,103
XX005660	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED SHIELDED	FOOT	1,058



CABLE PLAN

NOTE:
THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

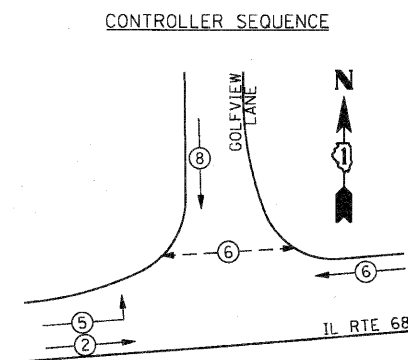
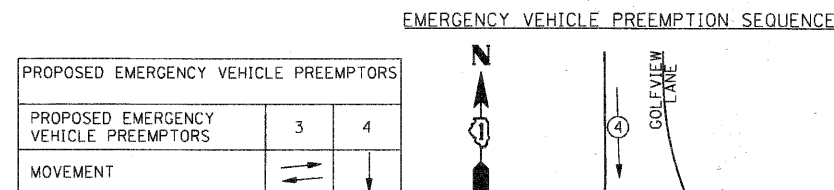
NOTE:
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTE:
THE EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR THIS PROJECT SHALL BE TOMAR OR AN APPROVED EQUAL.

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	10		17	0.50	85
(YELLOW)	10		25	0.25	62.50
(GREEN)	10		15	0.25	37.50
ARROW (YELLOW)	2		12	0.10	2.40
ARROW (GREEN)	2		12	0.10	2.40
PEDESTRIAN SIGNAL	2		25	1.00	50
CONTROLLER	1		100	1.00	100
UPS	1		25	1.00	25
TOTAL =					364.80

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY CONTACT: KATHY NYSTROM
PHONE: (847) 608-2331
COMPANY: COMMONWEALTH EDISON



SEC GROUP, INC.
11/17/2010 6:02:18 PM
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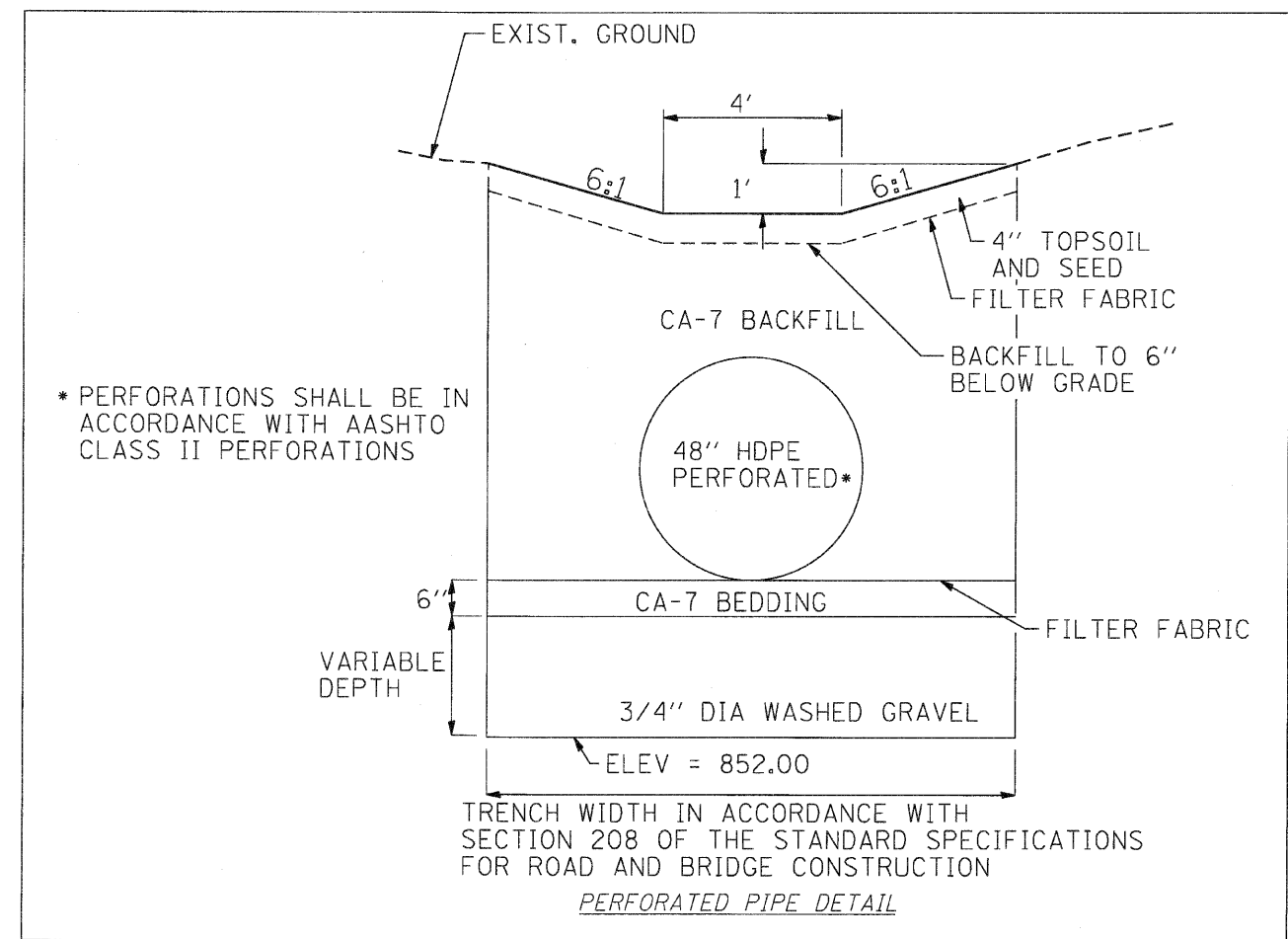
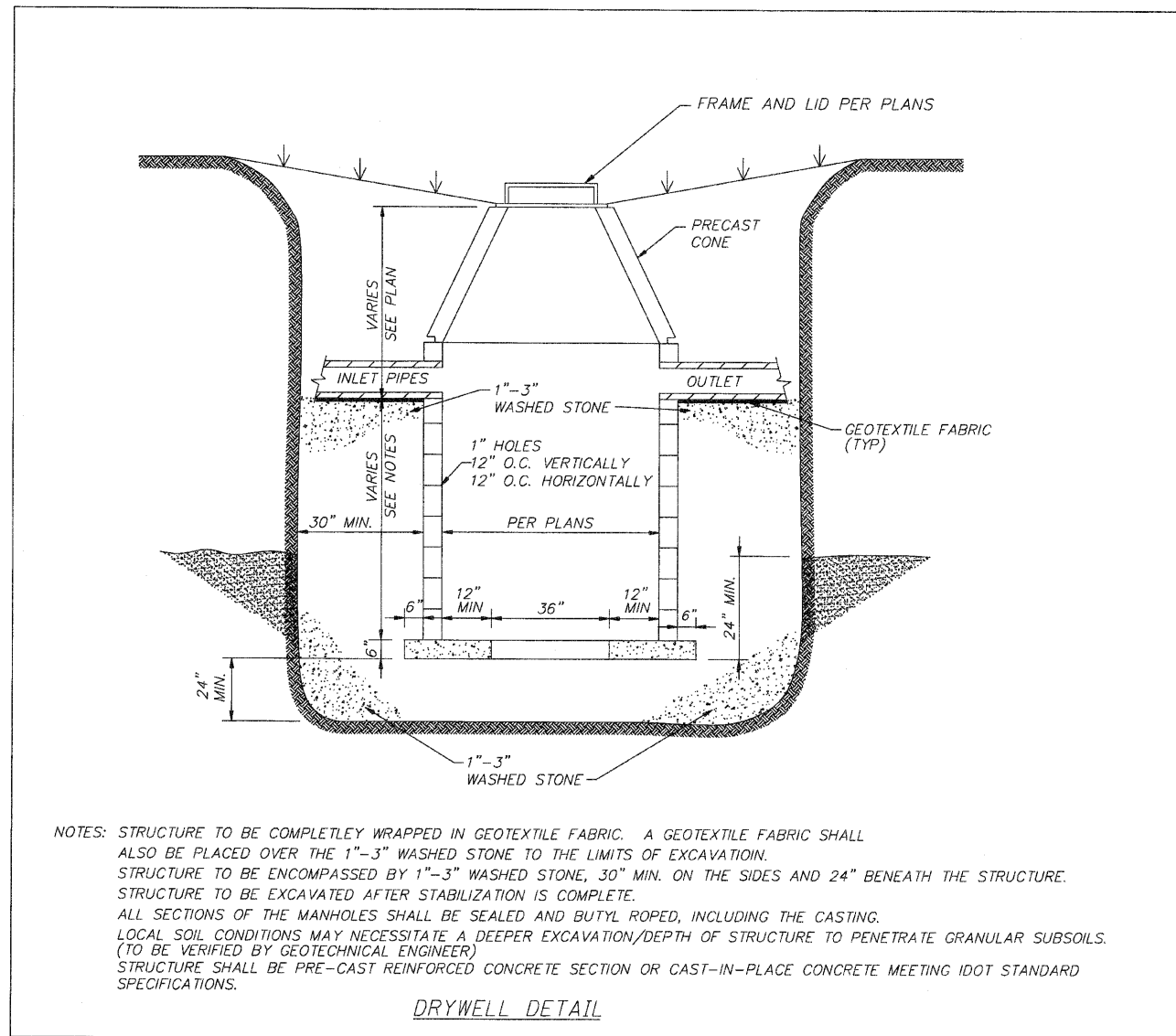
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PLOT SCALE = N.T.S.	DRAWN - JJS	REVISED -
PLOT DATE = 11/1/2010	CHECKED - CJP	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
ILLINOIS ROUTE 68 AT GOLFVIEW LANE

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	109
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/1/2010 6:00:22 PM
 FILE NAME: 080326-061-01.dgn
 PLOT DRIVER: pcf.plt
 PEN TABLE: standard-trans.rtl

SEC Group, Inc.
 An IRI Group Company
 2014 North Street
 Maitland, FL 32751-2108
 1.813.285.5770 | 1.813.285.5781
 www.secgroup.com
 idesign@secgroup.com | new.lanscl@illinois.com

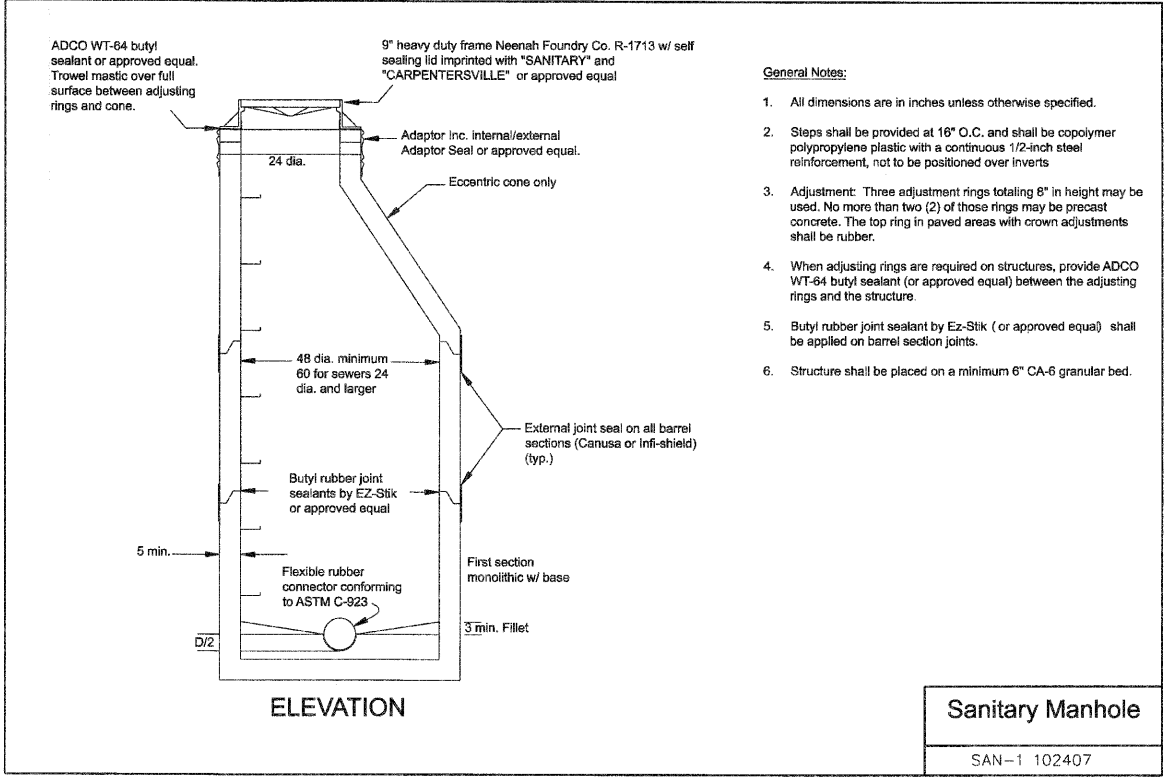
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	DATE = 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

DETAILS

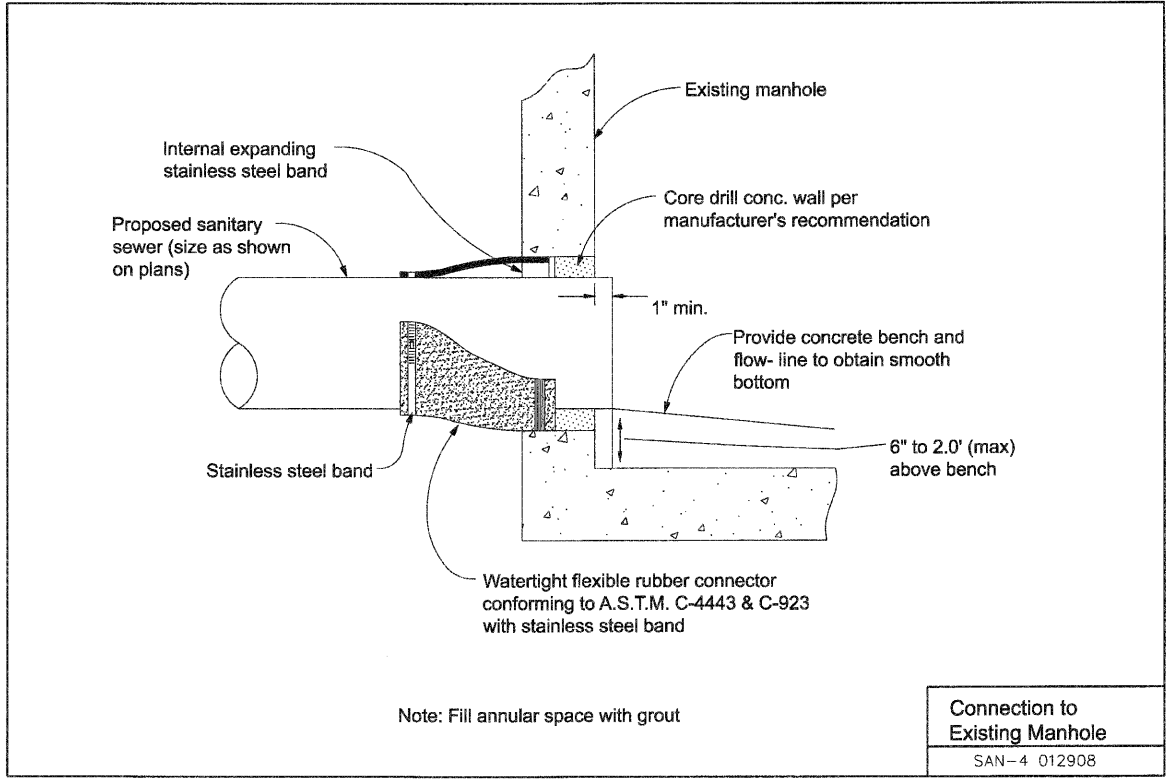
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	110
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



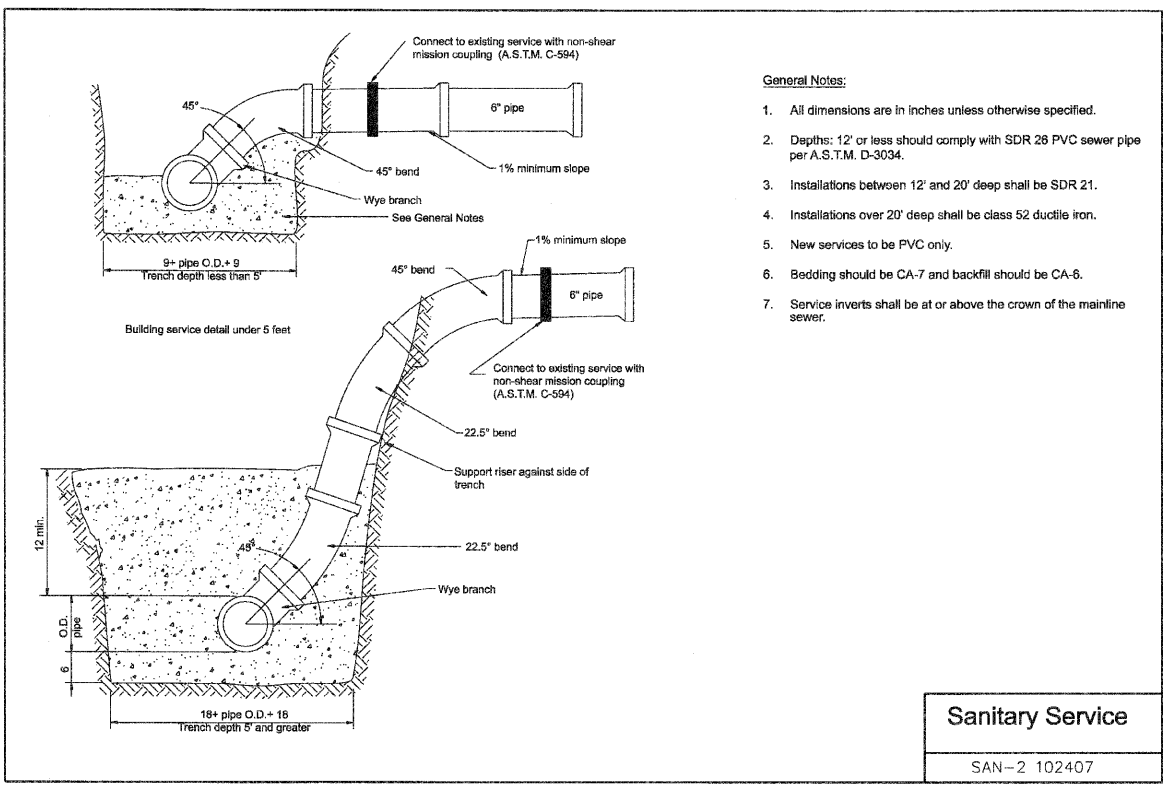
- General Notes:**
- All dimensions are in inches unless otherwise specified.
 - Steps shall be provided at 16" O.C. and shall be copolymer polypropylene plastic with a continuous 1/2-inch steel reinforcement, not to be positioned over inverts.
 - Adjustment: Three adjustment rings totaling 8" in height may be used. No more than two (2) of those rings may be precast concrete. The top ring in paved areas with crown adjustments shall be rubber.
 - When adjusting rings are required on structures, provide ADCO WT-64 butyl sealant (or approved equal) between the adjusting rings and the structure.
 - Butyl rubber joint sealant by EZ-Slik (or approved equal) shall be applied on barrel section joints.
 - Structure shall be placed on a minimum 6" CA-6 granular bed.

Sanitary Manhole
SAN-1 102407



Note: Fill annular space with grout

Connection to Existing Manhole
SAN-4 012908



- General Notes:**
- All dimensions are in inches unless otherwise specified.
 - Depths: 12' or less should comply with SDR 28 PVC sewer pipe per A.S.T.M. D-3034.
 - Installations between 12' and 20' deep shall be SDR 21.
 - Installations over 20' deep shall be class 52 ductile iron.
 - New services to be PVC only.
 - Bedding should be CA-7 and backfill should be CA-6.
 - Service inverts shall be at or above the crown of the mainline sewer.

Sanitary Service
SAN-2 102407

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: VILLAGE OF CARPENTERSVILLE
 CLIENT: VILLAGE OF CARPENTERSVILLE
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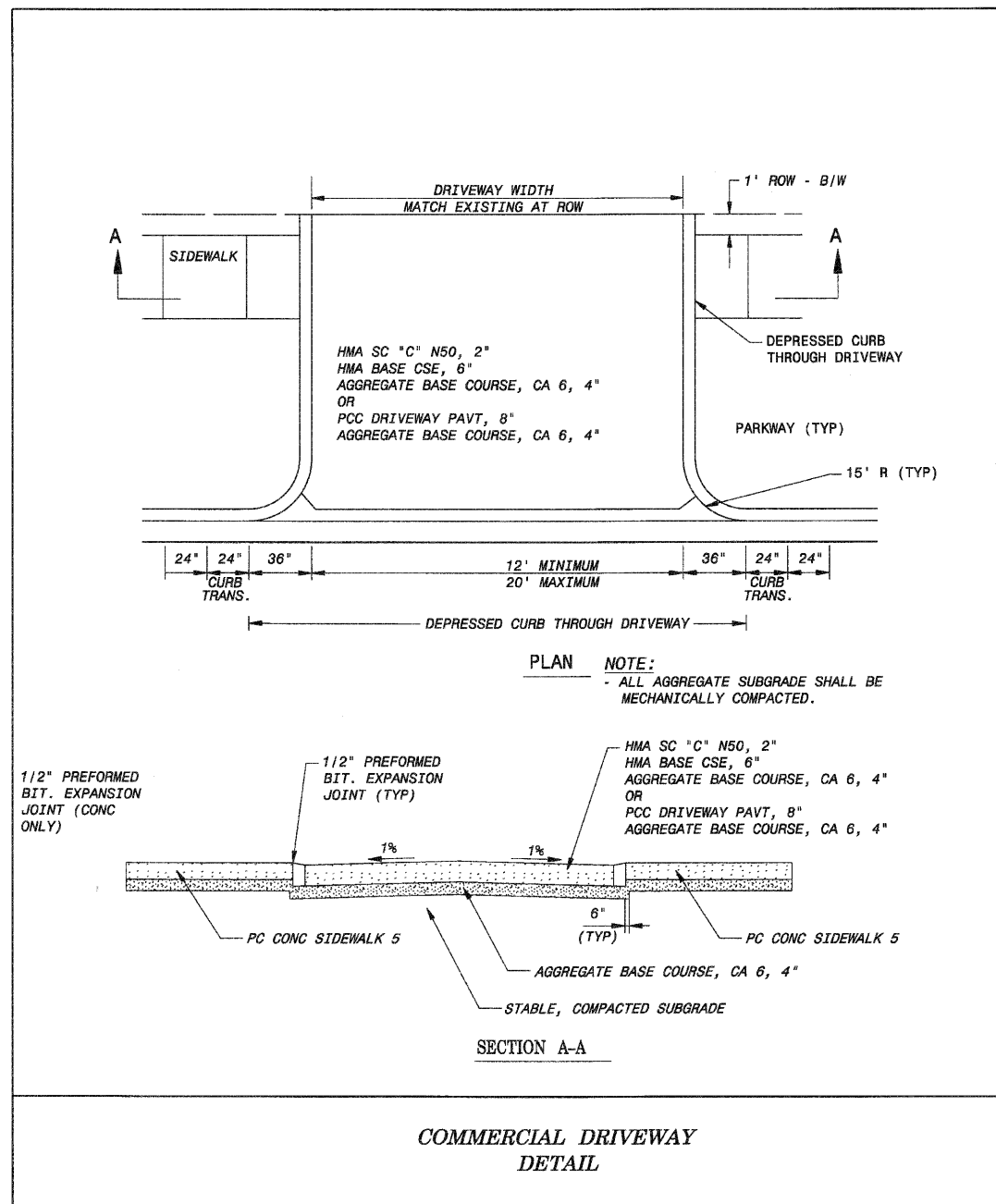
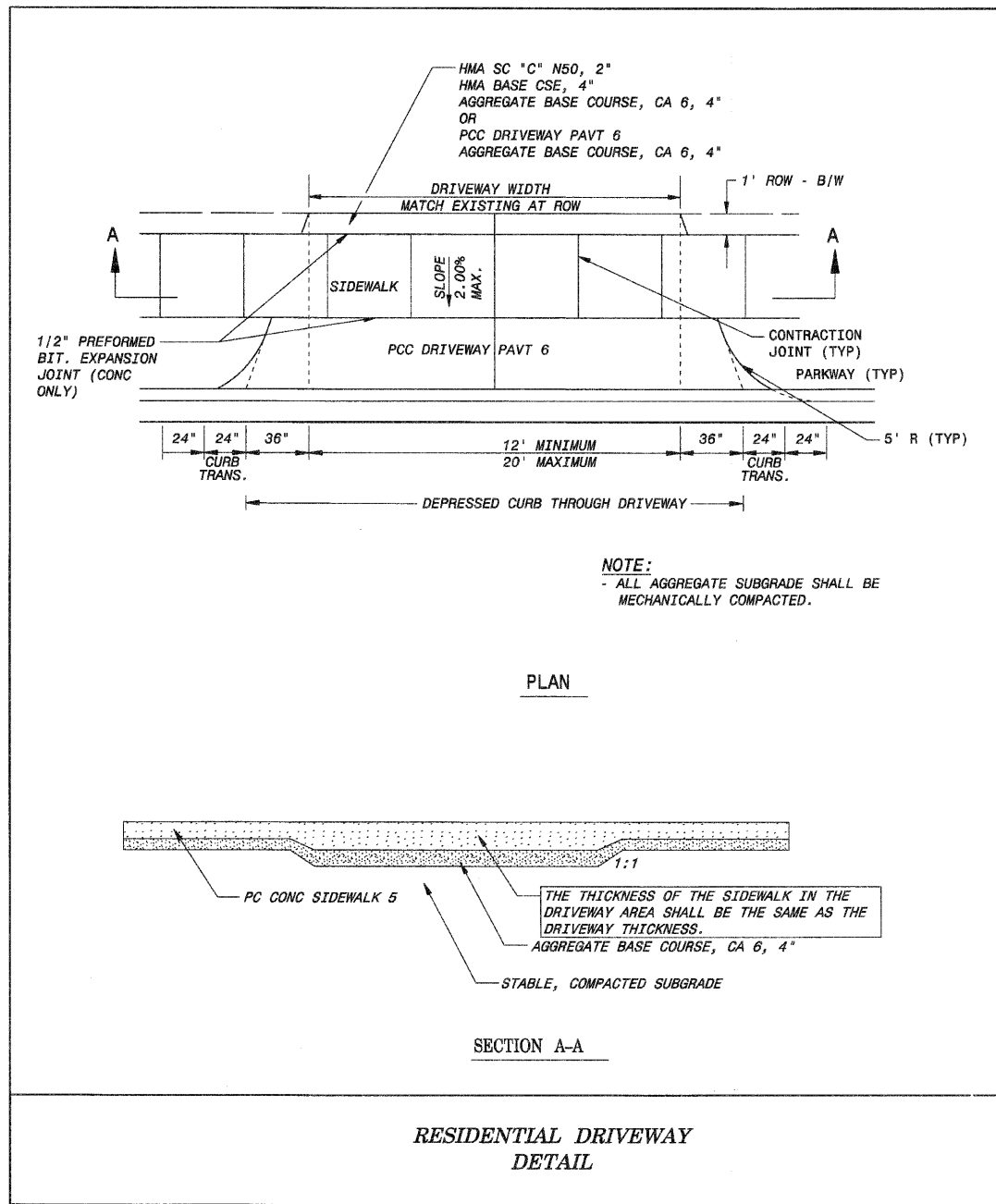


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PLOT SCALE = N.T.S.	DRAWN -	REVISED -
PLOT DATE = 11/1/2010	CHECKED -	REVISED -
	DATE = 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

DETAILS			
SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA. NA	TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	112
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN OF CARPENTERSVILLE
 DATE PLOTTED: 11/2/2010 6:02:53 PM
 FILE NAME: 080326-061-04.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: srender-trans.tbl

SEC Group, Inc.
 An IES Group Company
 430 N. First Street
 Mankato, IL 60501-0100
 1.815.335.1779 F.815.335.1781
 www.secgroupinc.com
 4800 W. 120th St., New Lenox, IL, Chicago, IL

USER NAME = CHer-User	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	DRAWN -	REVISED -
PLOT DATE = 11/1/2010	CHECKED -	REVISED -
	DATE = 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

DETAILS

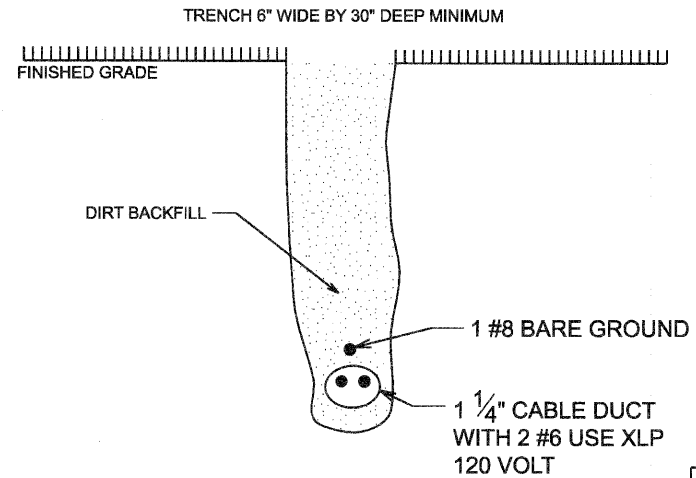
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	113
* FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TYPICAL TRENCH DETAIL

(FOR CABLE DUCT)
VILLAGE OF CARPENTERSVILLE

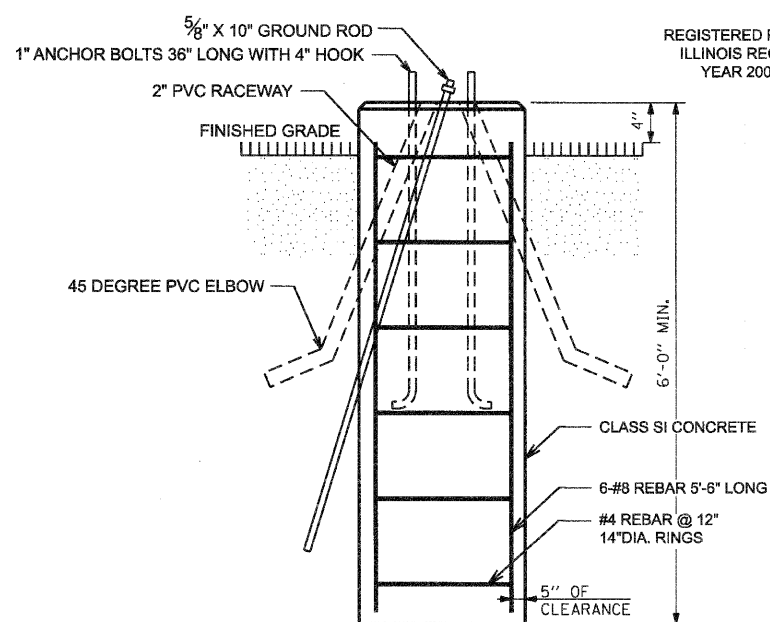
THIS ITEM SHALL BE INCLUDED IN THE COST OF "STREET LIGHT ASSEMBLY, COMPLETE"



TYPICAL TRENCH
DETAIL

CONCRETE BASE DETAIL FOR LIGHT POLE

THIS ITEM SHALL BE INCLUDED IN THE COST OF "STREET LIGHT ASSEMBLY, COMPLETE"
VILLAGE OF CARPENTERSVILLE



CONCRETE BASE DETAIL
FOR LIGHT POLE

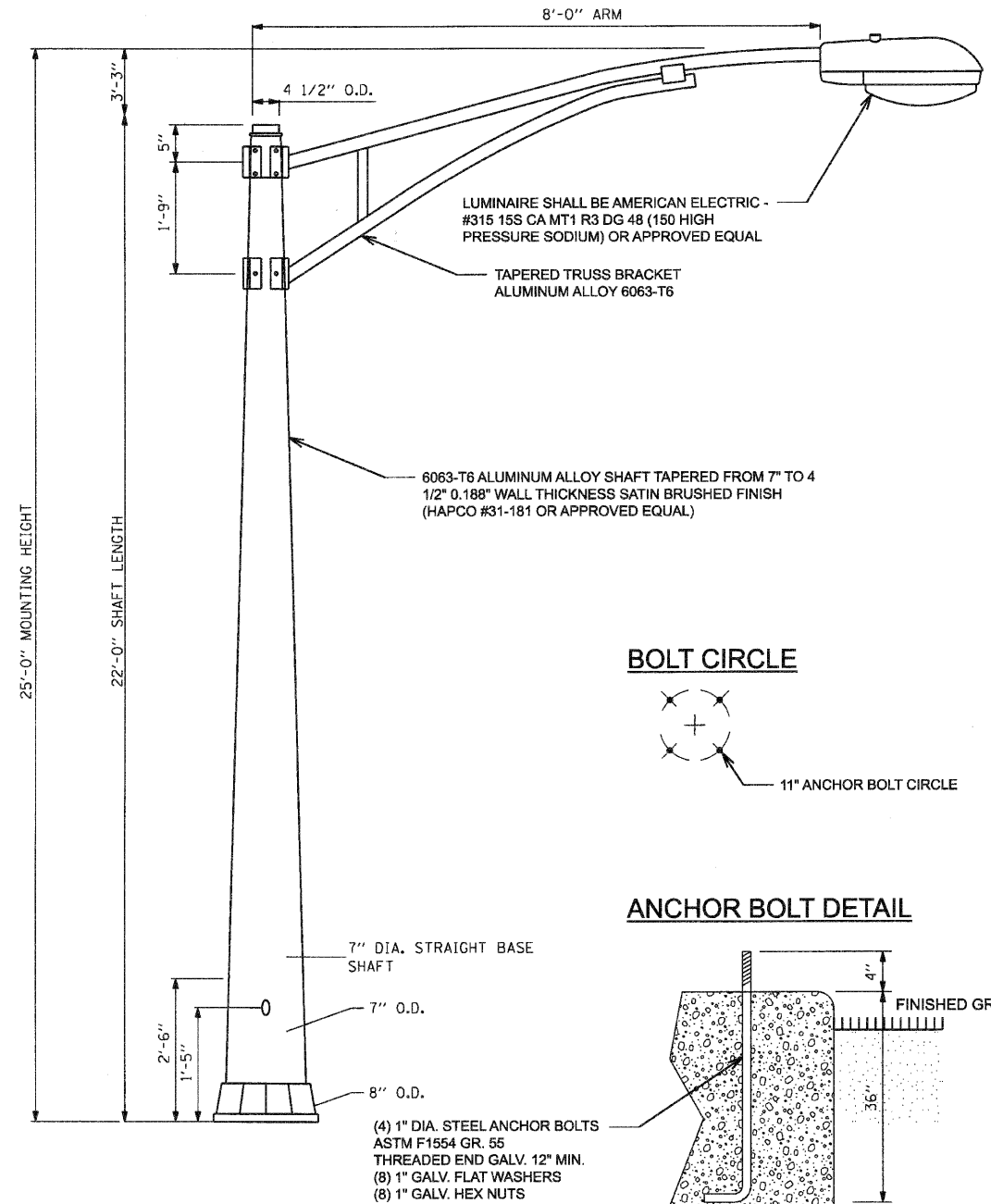
2/19/2002

STREET LIGHT ASSEMBLY, COMPLETE

POLE SHALL NOT BE INSTALLED
WITHOUT LUMINAIRE

LIGHT POLE SHALL BE LEXINGTON
2208-45706T4/1TA0832845 OR APPROVED EQUAL

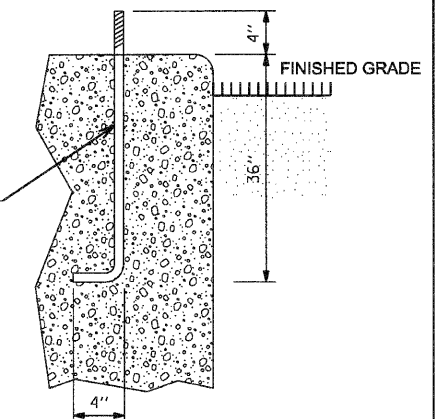
UNITS SHALL BE MANUFACTURED IN ACCORDANCE
WITH AASHTO STANDARD SPECIFICATIONS FOR
HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC
SIGNALS



BOLT CIRCLE



ANCHOR BOLT DETAIL



ALL MATERIALS, LIGHTING REQUIREMENTS, AND INSTALLATION
PROCEDURES SHALL CONFORM TO THE MOST RECENT VERSION OF THE
VILLAGE OF CARPENTERSVILLE ENGINEERING STANDARDS.

SEC GROUP, INC.
A. JAMES
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SEC Group, Inc.
401 N. First Street
Merrillville, IN 46550-1106
1.812.386.1778 & 812.386.1751
www.secgroupinc.com

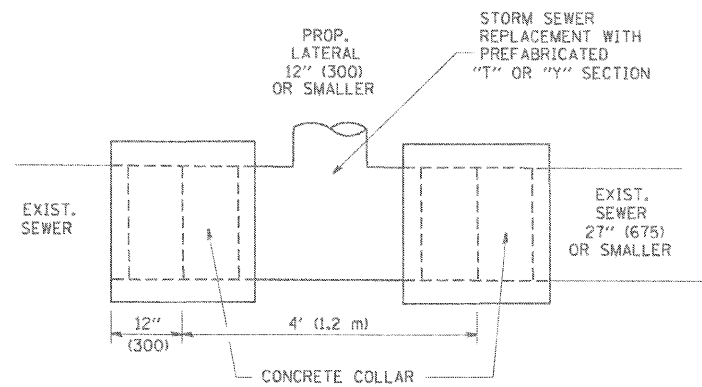
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VILLAGE OF CARPENTERSVILLE

DETAILS

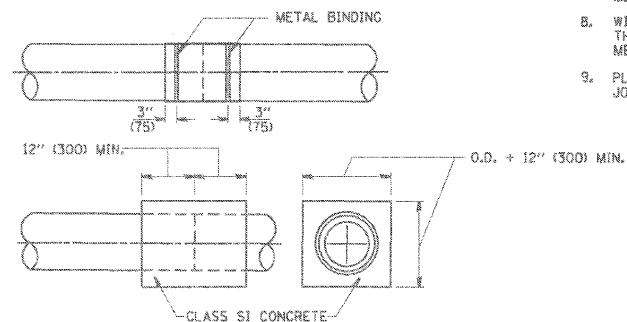
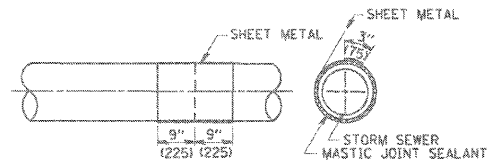
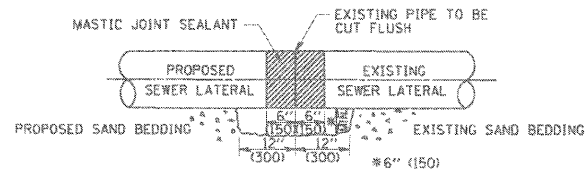
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	114
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DETAIL "A"

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

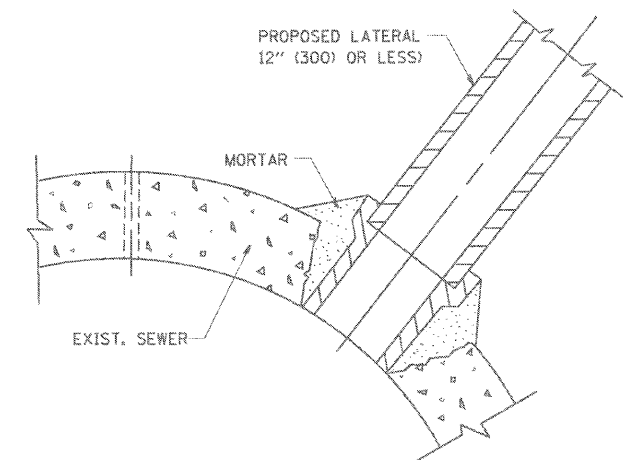


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

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

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

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

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

SEC. GROUP, INC.
A. JAIN
PROJECT CONTACT
11/17/2010 6:03:06 PM
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PLOT DRIVER:
PEN TABLE:

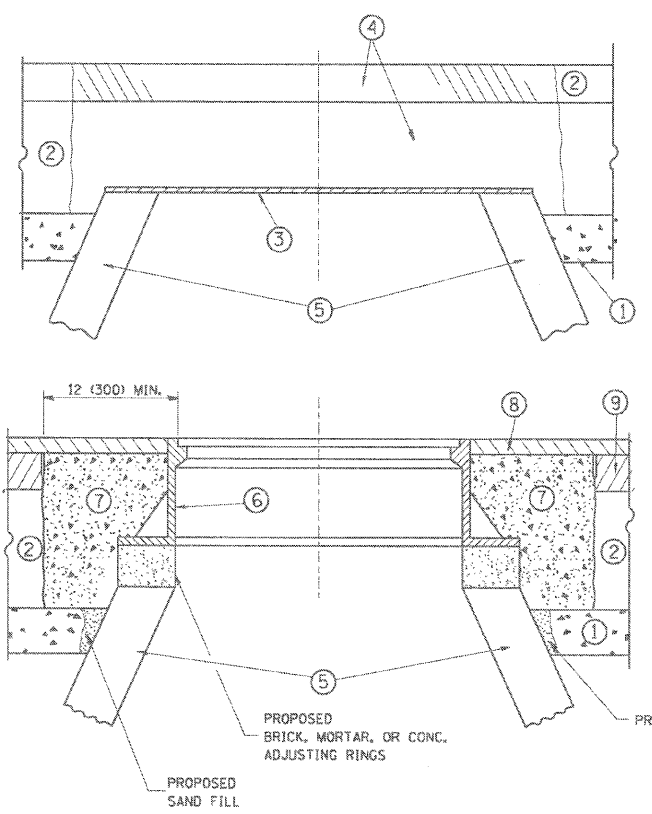
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	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	115
BD500-01 (BD-7)			CONTRACT NO. 63504	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS SI CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

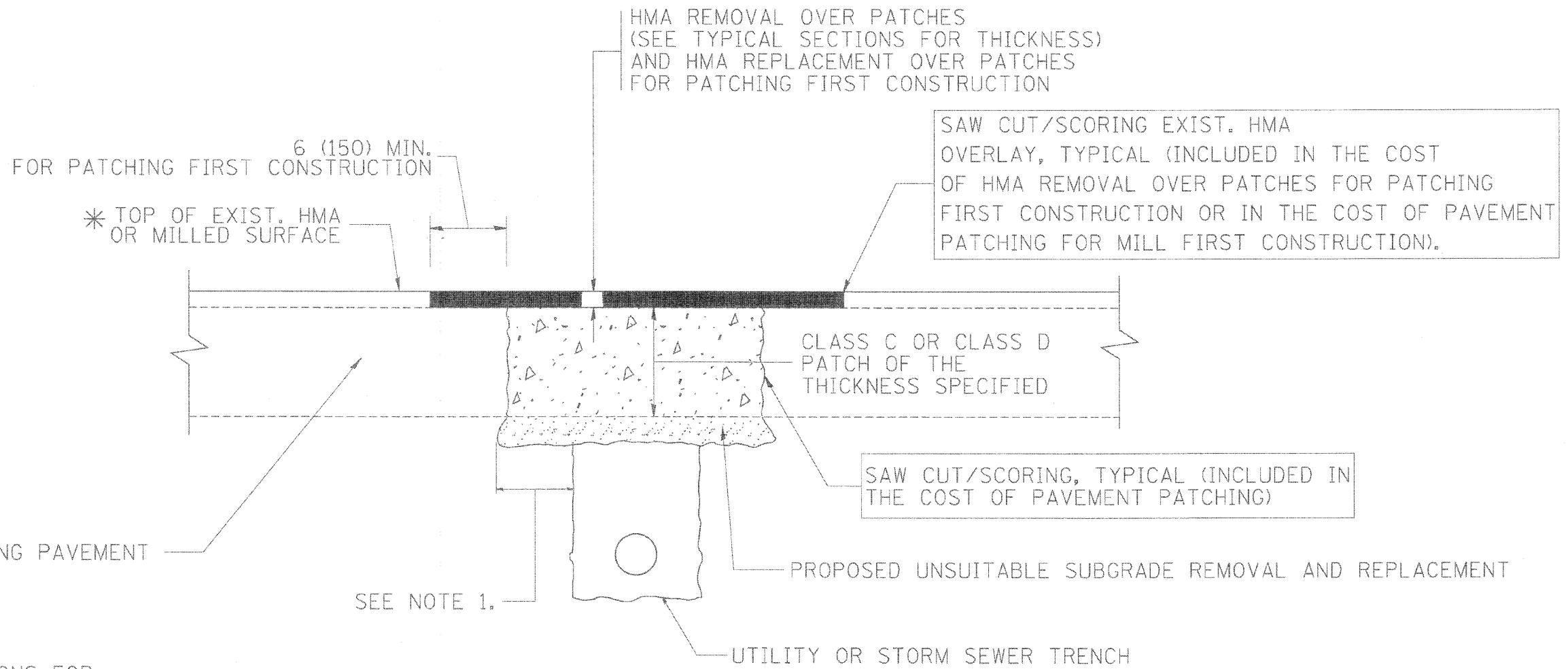
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 PROJECT CONTACT: JAMES OF CARPENTERSVILLE
 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	116
BD600-03 (BD-8)			CONTRACT NO. 63504	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007.

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

SEC GROUP, INC.
A. JAMES OF CARBONVILLE
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	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	117
BD400-04 (BD-22)		CONTRACT NO. 63504		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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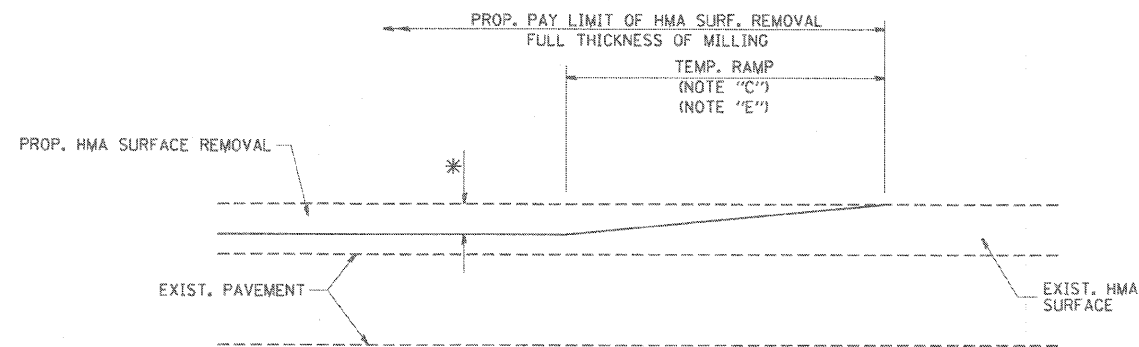
SEC Group, Inc.
 An IIT Group Company
 401 W. Front Street
 Moline, IL 61902-2128
 L 815.395.1778 F 815.395.1781
 www.secgroup.com
 440 Kinross St., Homewood, IL 60439

USER NAME = Char-Me	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 11/5/2010	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

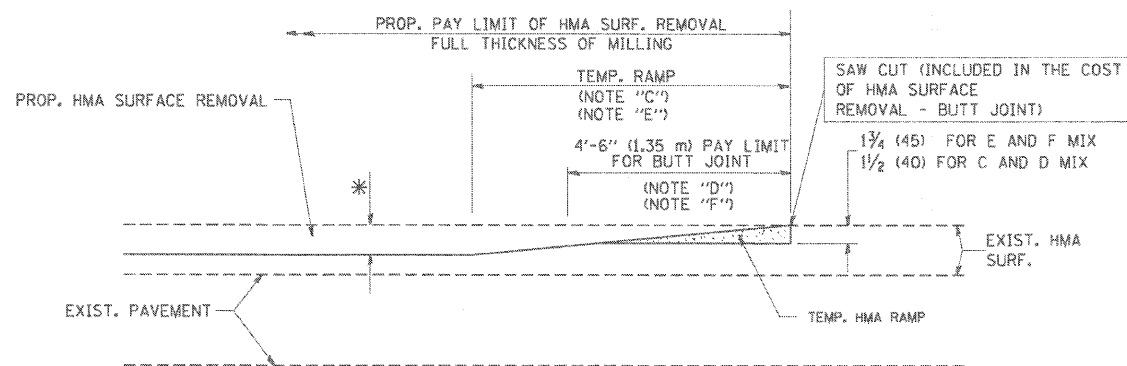
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*	06-00074-00-FP	KANE	211	118
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

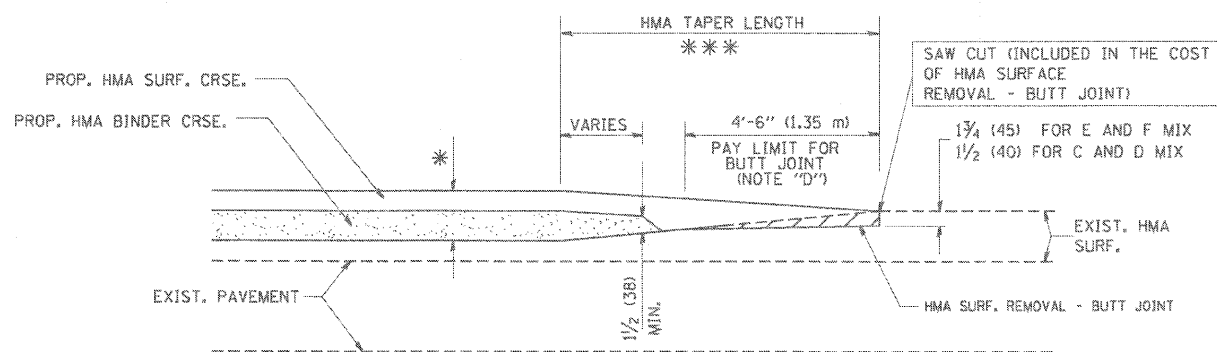
OPTION 1



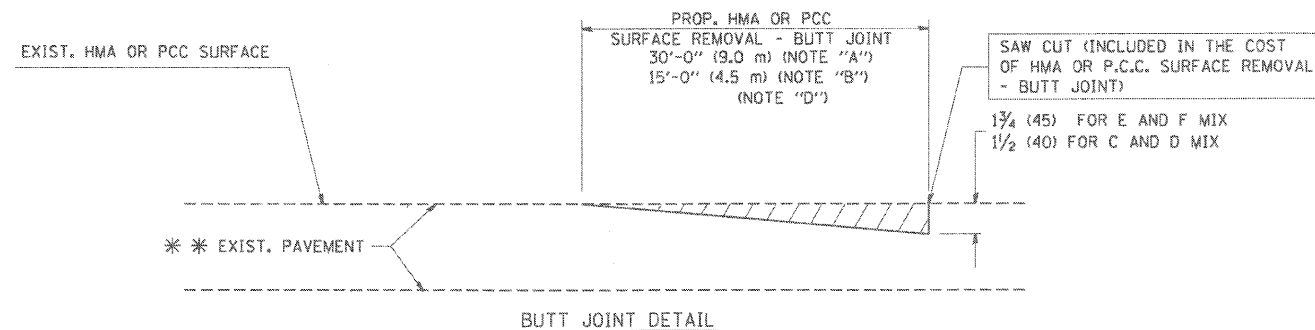
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

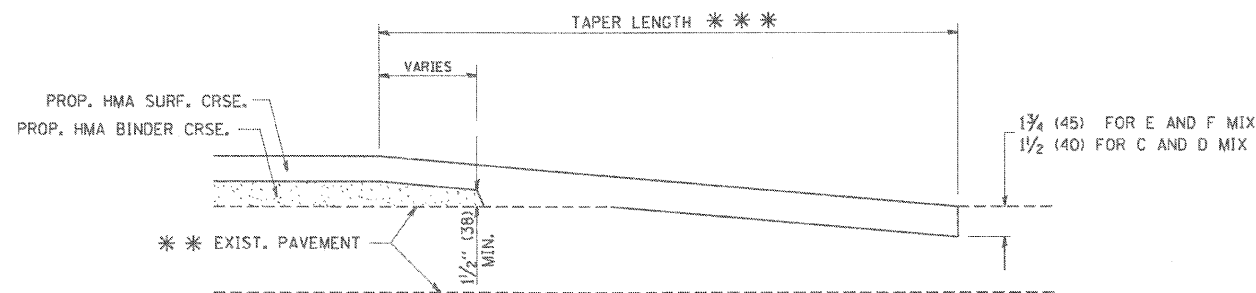
TYPICAL TEMPORARY RAMP



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



BUTT JOINT DETAIL



HMA TAPER DETAIL

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

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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

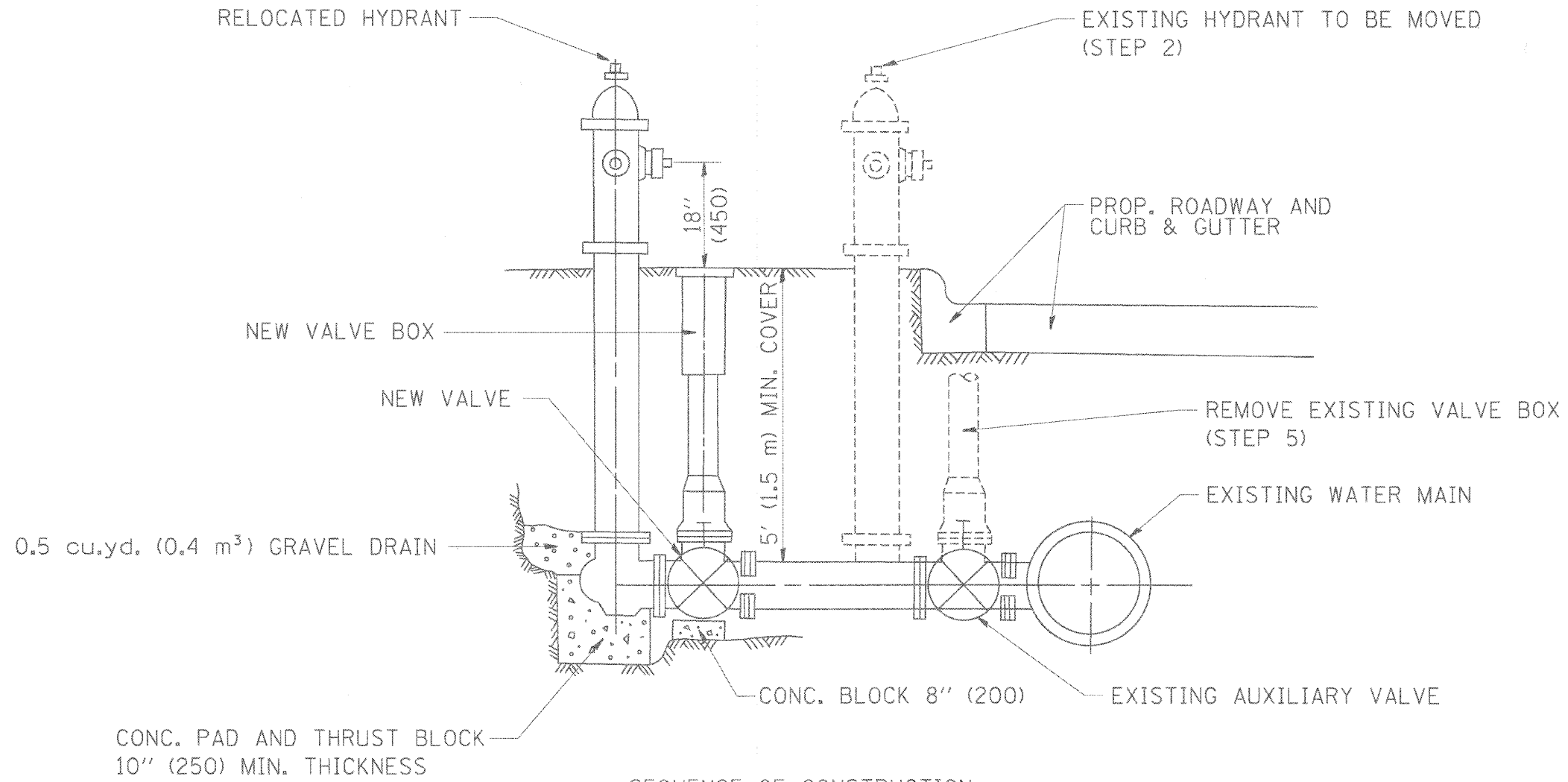
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 PROJECT CONTACT:
 PROJECT CONTACT:
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-PP	KANE	211	119
BD400-05 BD32			CONTRACT NO. 63504	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- SEQUENCE OF CONSTRUCTION:
1. CLOSE EXISTING VALVE.
 2. REMOVE EXISTING HYDRANT.
 3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
 4. RELOCATE EXISTING HYDRANT.
 5. OPEN EXISTING VALVE, REMOVE BOX.
 6. BACKFILL.
 7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

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

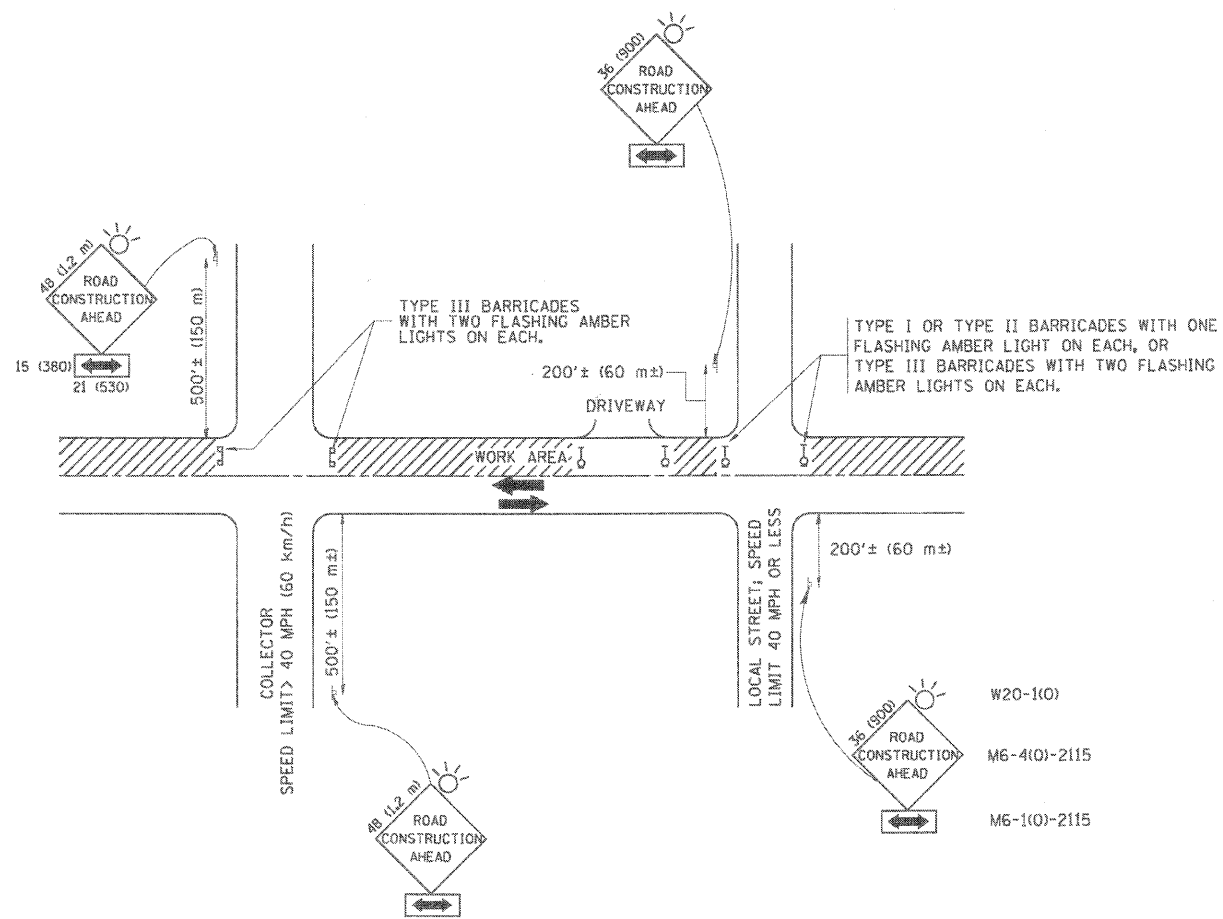
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		CHECKED - -	REVISED - -
		DATE - -	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIRE HYDRANT TO BE MOVED			
SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-PP	KANE	211	120
	BD-36	CONTRACT NO. 63504		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 - 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER.
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER.
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 - USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

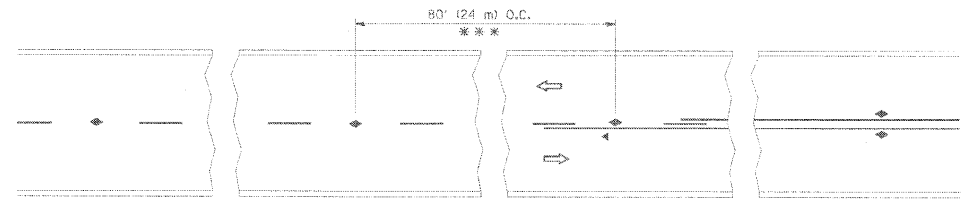
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 COMPANY NAME:
 PROJECT CONTACT:
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

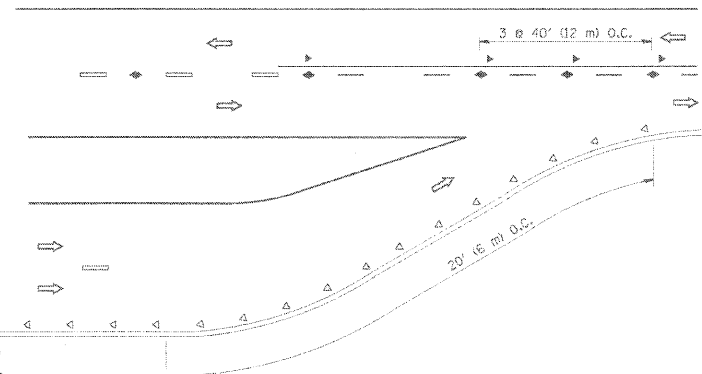
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SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10		CONTRACT NO.	63504	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

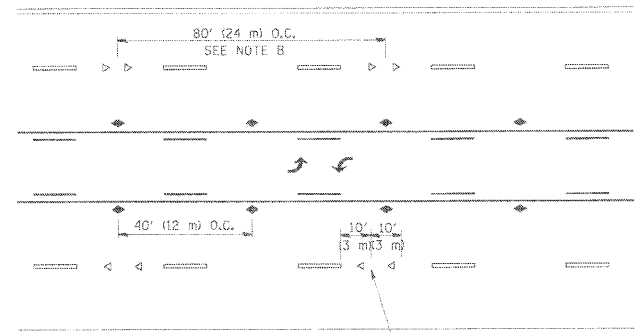


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

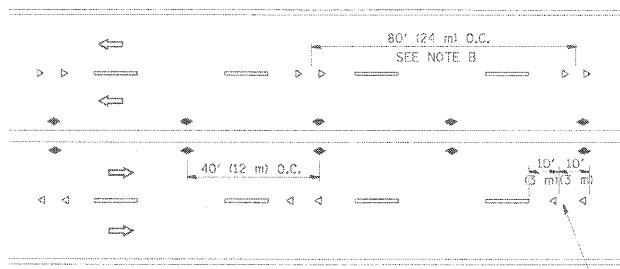
TWO-LANE/TWO-WAY



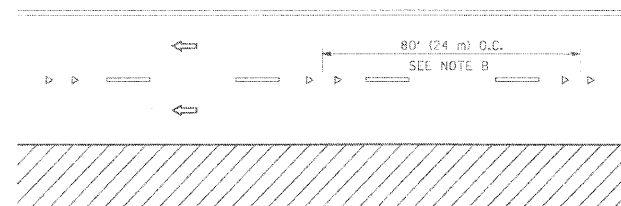
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

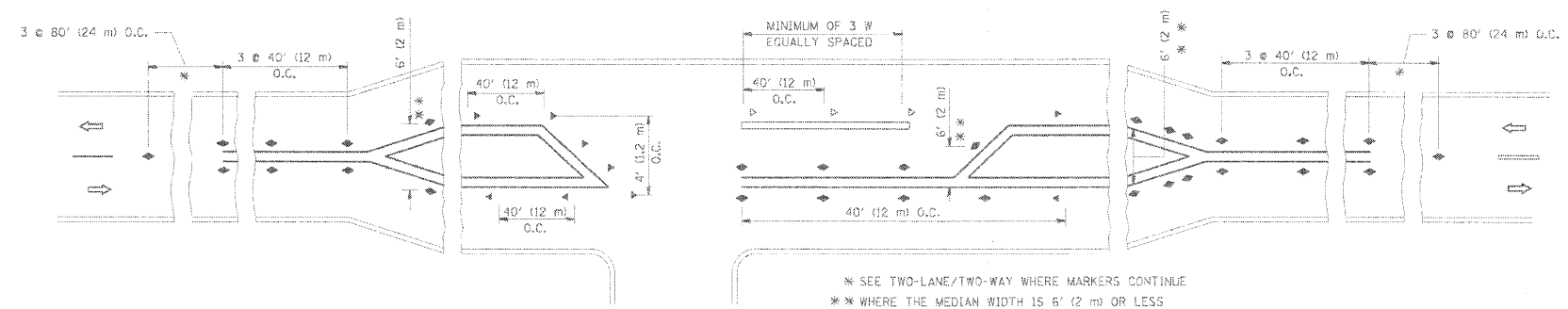
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



LEFT TURN

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

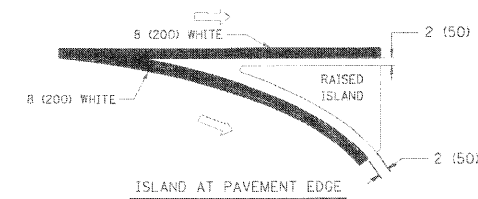
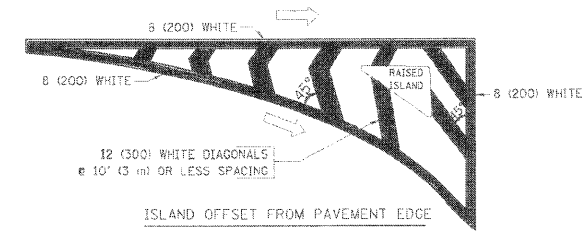
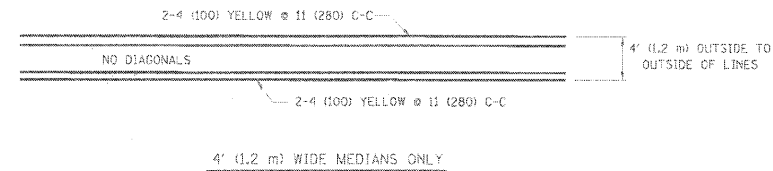
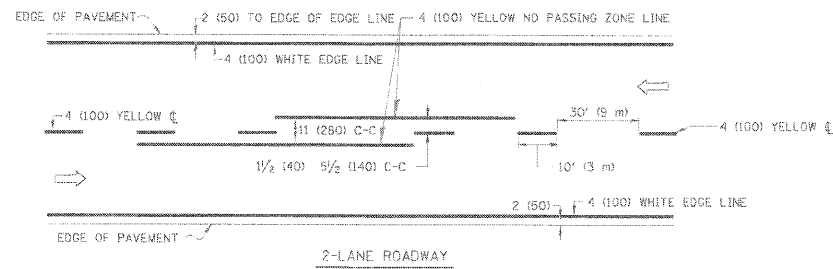
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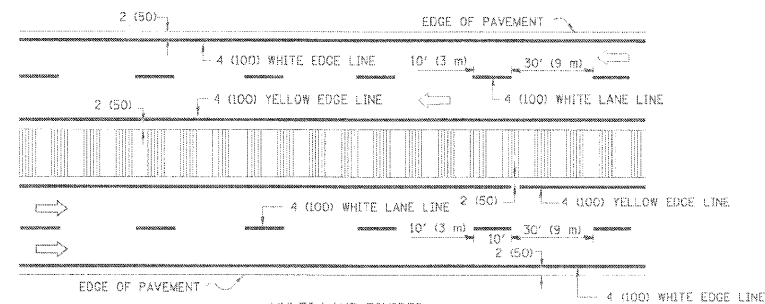
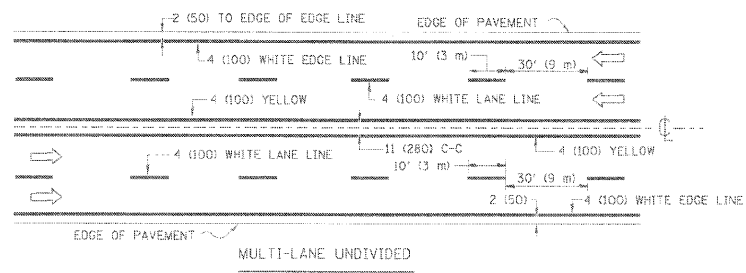
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KANE	HAZARD/MONROE/GOLFVIEW	C-91-194-07	211	122
TC-11			CONTRACT NO. 63504	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

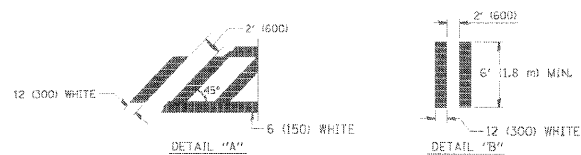
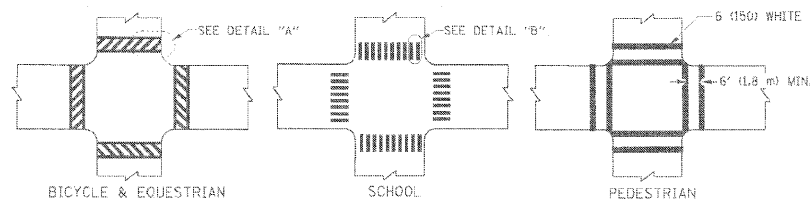


TYPICAL ISLAND MARKING

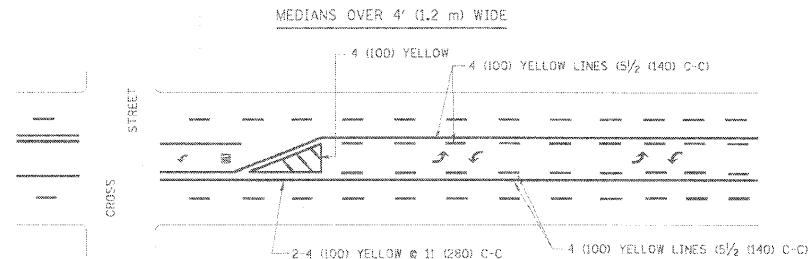
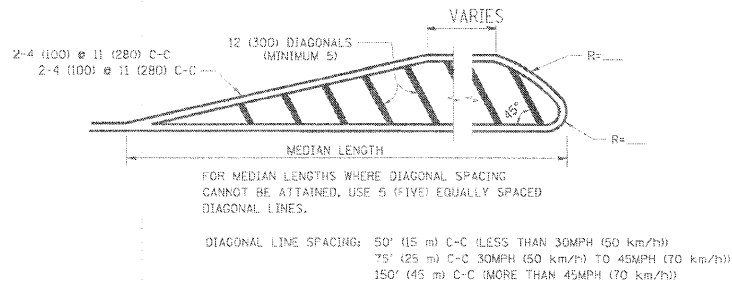


NOTE: MEDIANS WITH BARRIER CURBS DO NOT REQUIRE AN EDGE LINE

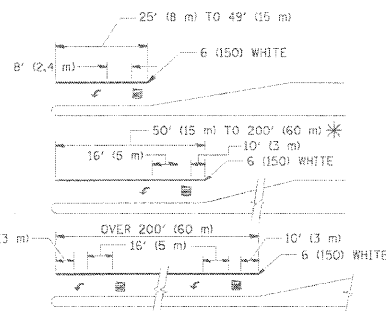
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING



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

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 6 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (5' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSWALK CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

SEC GROUP, INC.
A. JAMES OF CARBONERSVILLE
11/1/2010 6:03:35 PM
080236-001-15-001
pdf.dwg
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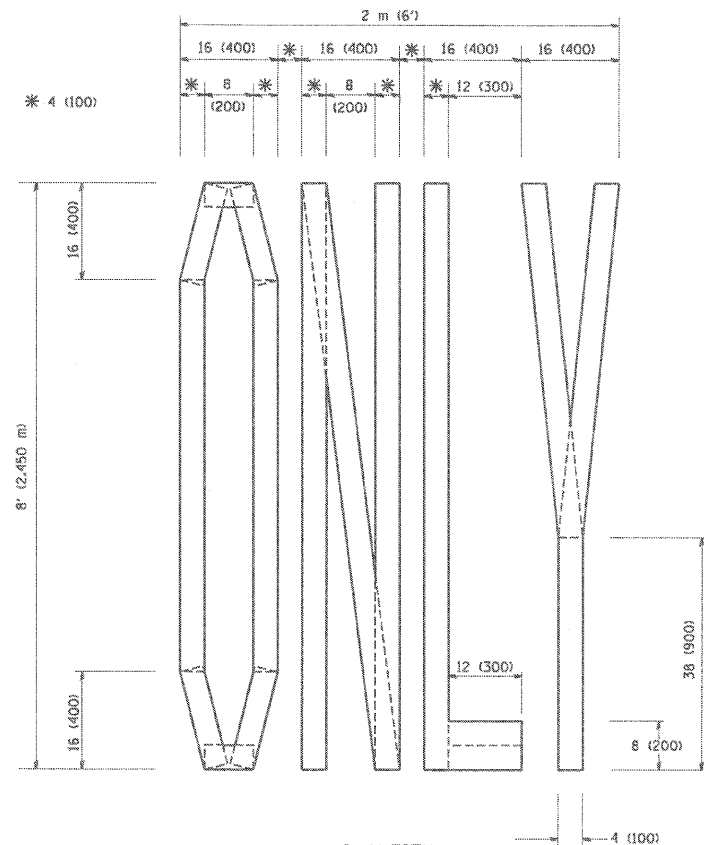
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PROJECT CONTACT =	DATE PLOTTED =	DRAWN =	REVISED = C. JUCIUS 09-09-09
FILE NAME =	DATE PLOTTED =	CHECKED =	REVISED =
FILE NAME =	DATE PLOTTED =	DATE = 03-19-90	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

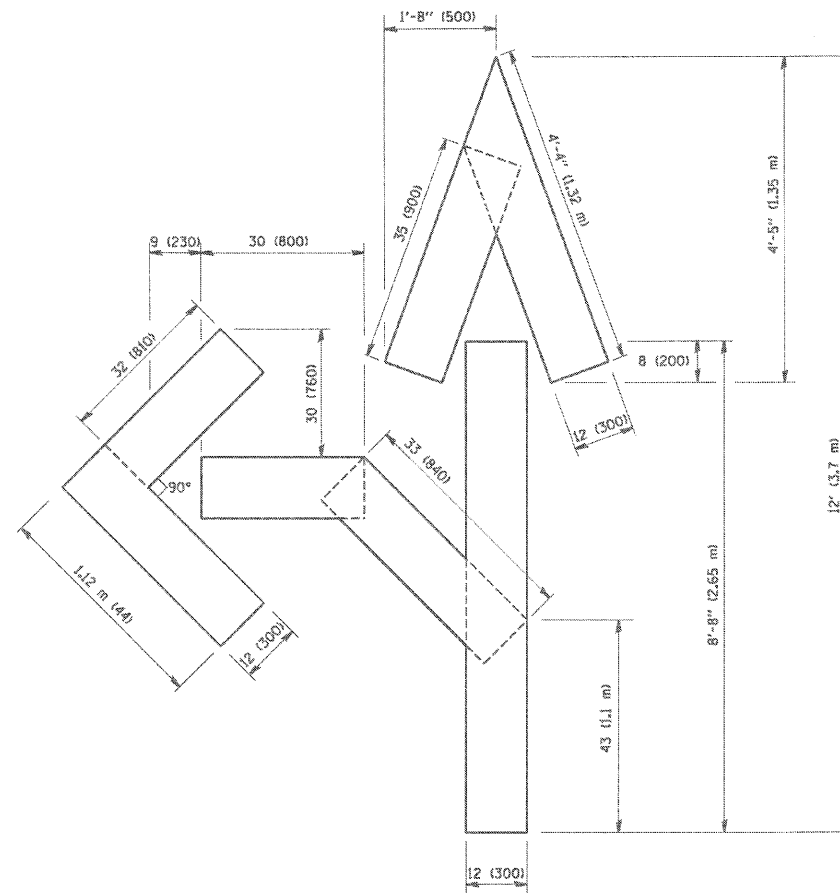
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

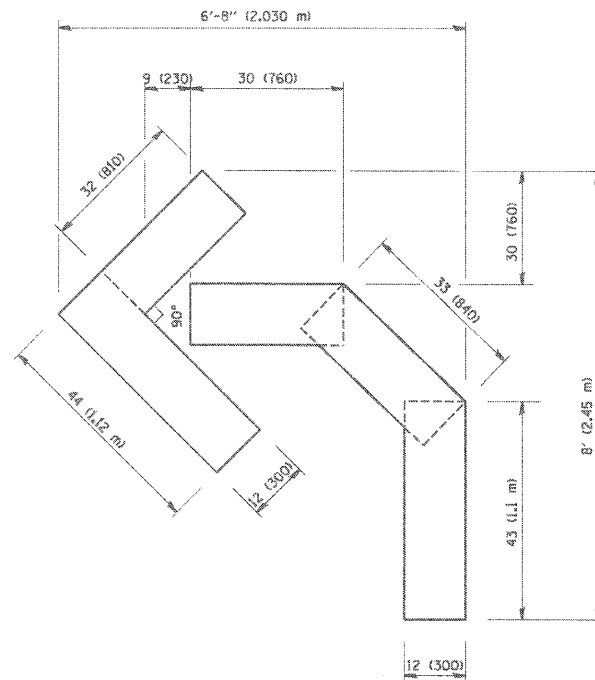
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-PP	KANE	211	123
	TC-13			
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 63504	



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

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

COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: ALVA J. CARPENTERSVILLE
DATE PLOTTED: 11/1/2010 6:03:38 PM
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PLOT DRIVER: pcfplot
PEN TABLE: standard-frans.tbl

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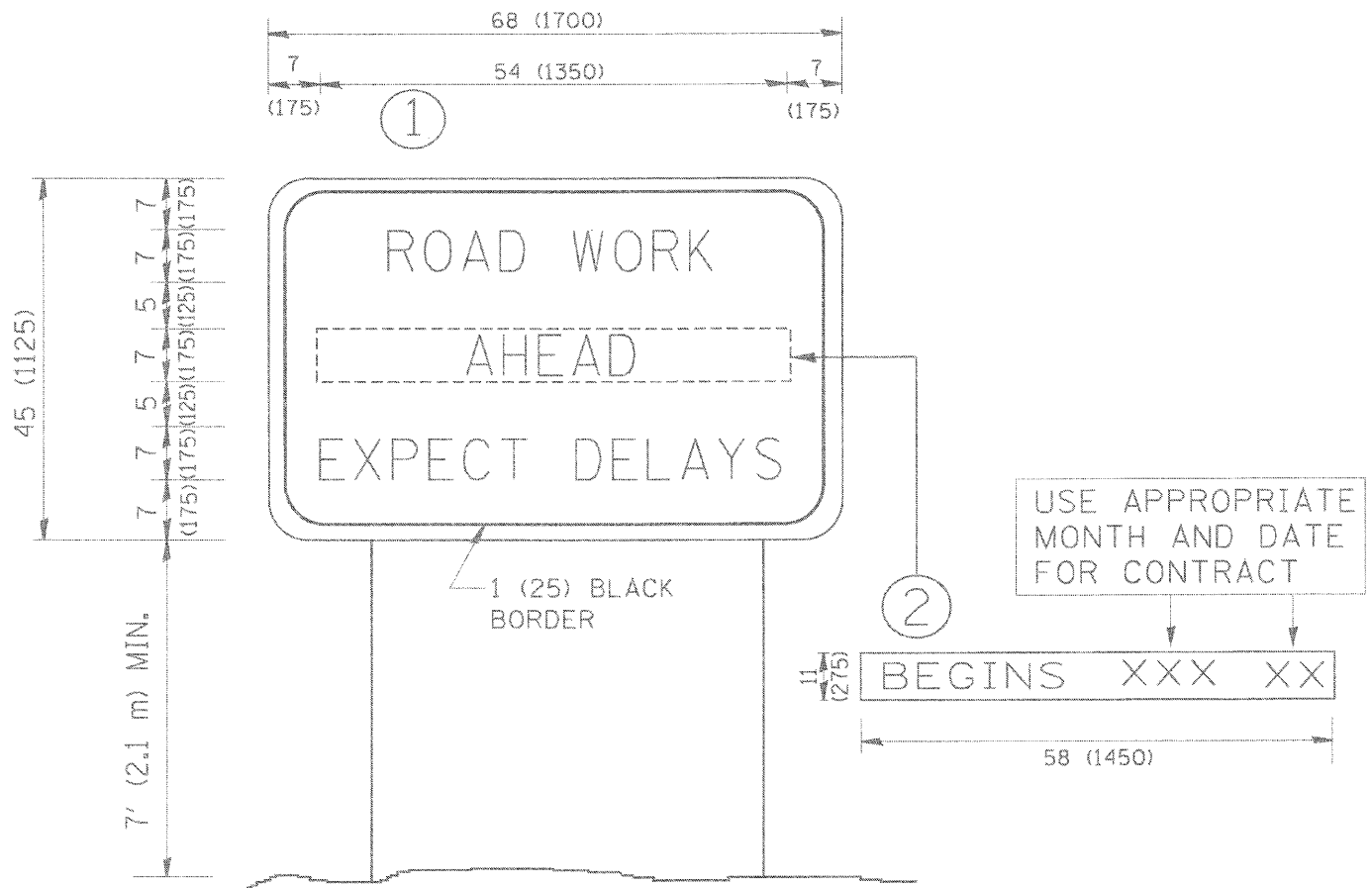
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DRAWN	-	REVISED	-T. RAMMACHER 11-04-97
CHECKED	-	REVISED	-T. RAMMACHER 03-02-98
DATE	- 09-18-94	REVISED	-E. GOMEZ 08-28-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
FOR TRAFFIC STAGING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	124
	TC-16		CONTRACT NO. 63504	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

SEC. GROUP, INC.
 COMPANY NAME:
 PROJECT CONTACT: A. JAIN
 DATE PLOTTED: 11/1/2010 6:03:42 PM
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 PLOT DRIVER: pnfplot
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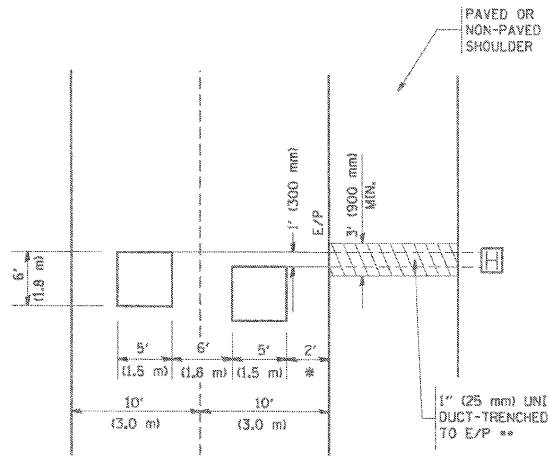
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN			
SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	125
TC-22			CONTRACT NO. 63504	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT
NOTE WHICH SHOULD EQUAL
3' (900 mm) X WIDTH OF
PAVED SHOULDER.

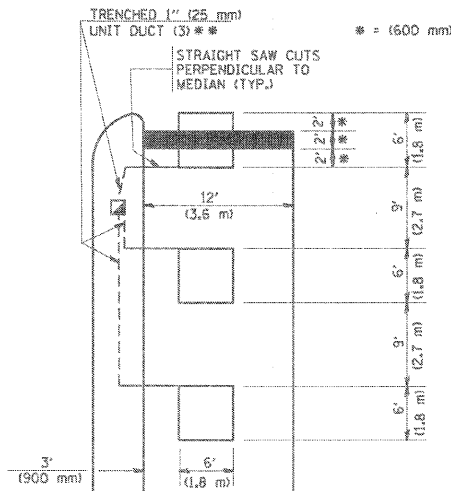


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**

HANDHOLE LOCATION MAY
VARY DEPENDING ON GEOMETRICS
AND DESIGN OF TRAFFIC SIGNALS.
HEAVY-DUTY HANDHOLES TO BE
USED WHEN THE MEDIAN IS
MOUNTABLE. REFER TO STANDARD
814001 TO ENSURE THAT HANDHOLE
FITS IN MEDIAN.

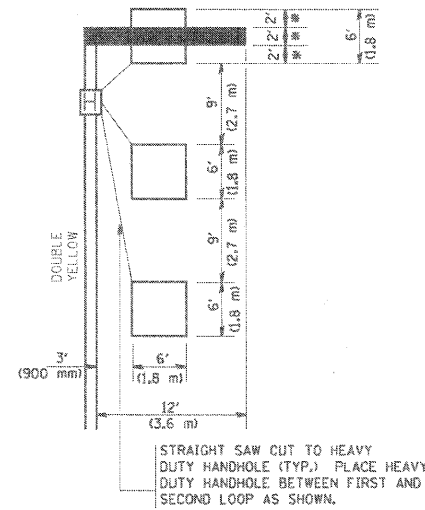


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

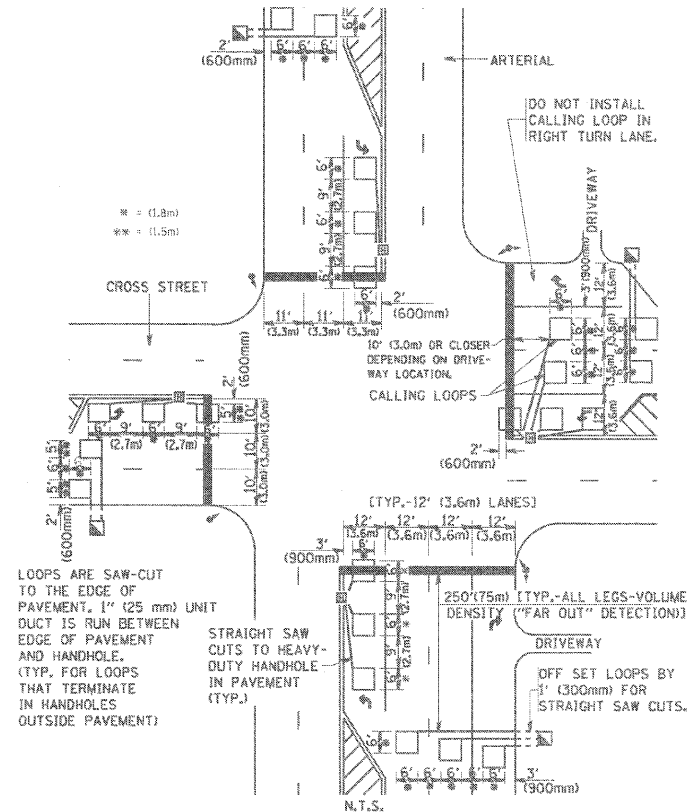
**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**

* = (600 mm)



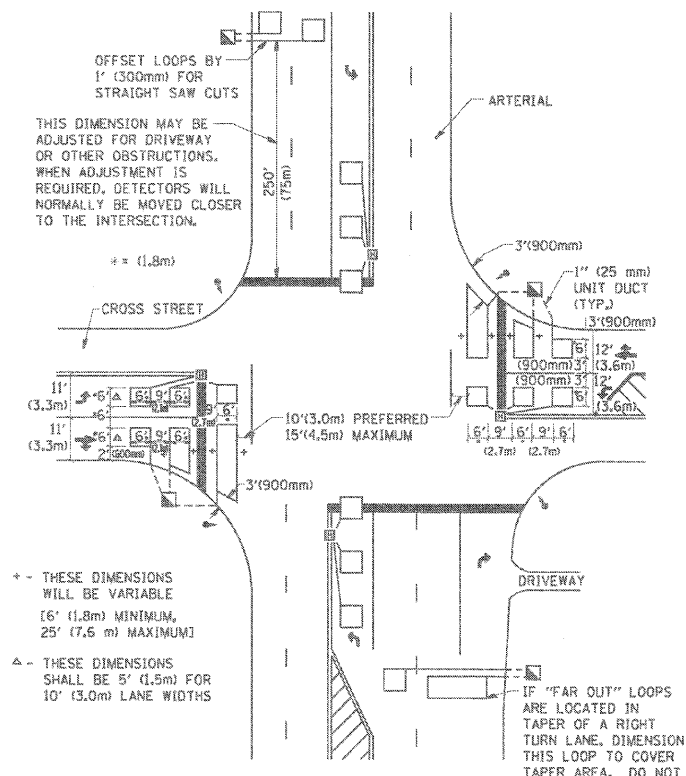
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



DETAIL 1
N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

SEC GROUP, INC.
A. JANK OF CARROLLERSVILLE
1/14/2009 6:03:46 PM
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standard-trans.tbl

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PLOT DATE = 1/4/2009	CHECKED - R.K.F.	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

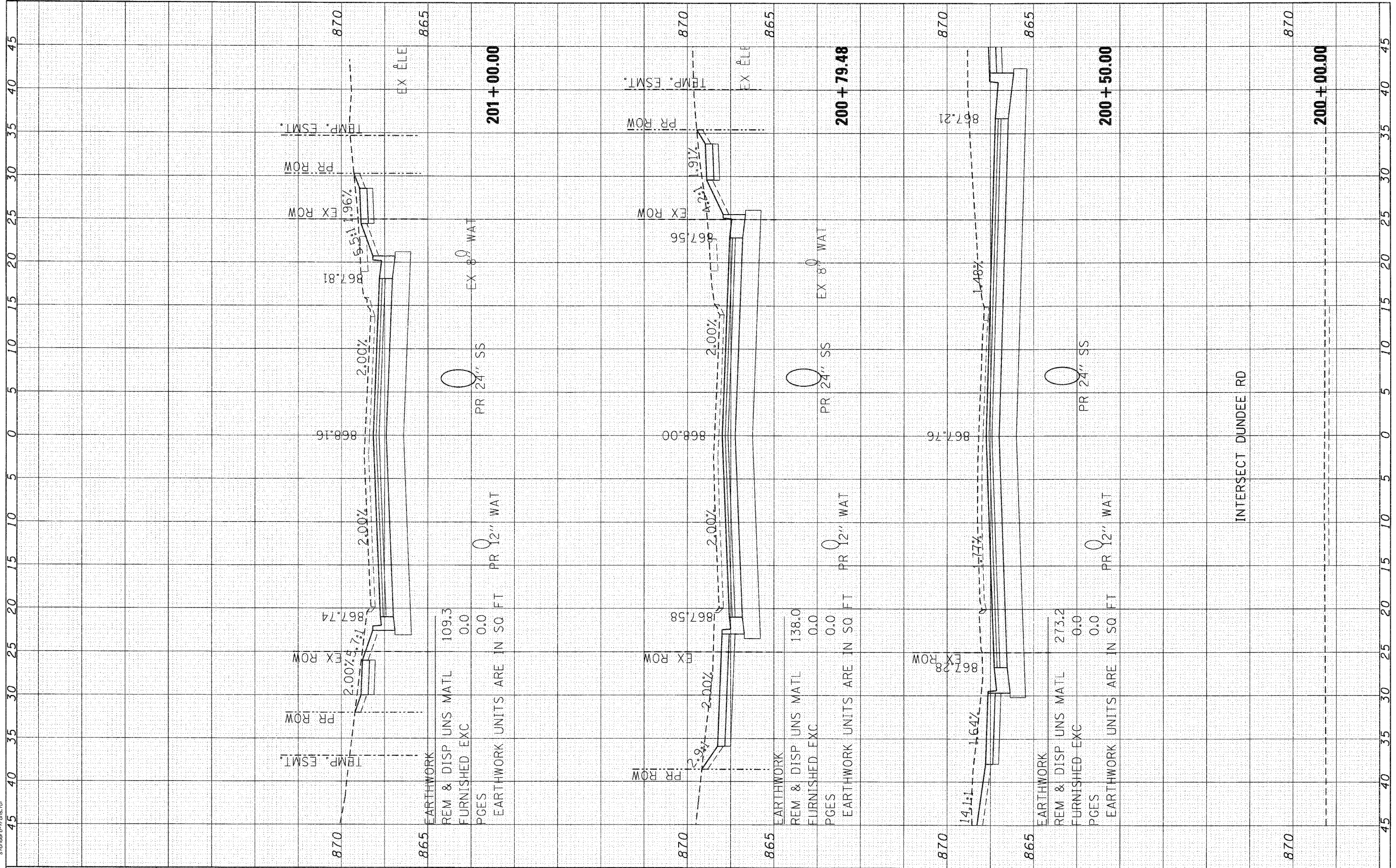
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-PP	KANE	211	126
	TS-07	CONTRACT NO.	63504	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: 4. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:49:50 PM
 PLOT DRIVER: 2010-SEC-001-001
 PEN TABLE: 2-render-trans.tbl



SEC Group, Inc.
 401 N. Park Road
 Maitland, IL 60051-1716
 T. 815.381.1770 F. 815.381.1781
 www.secgroup.com

USER NAME = CHER-UCR	DESIGNED - C. HARTKE	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLOT DATE = 11/2/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

CROSS SECTIONS
 GOLFOVIEW LANE

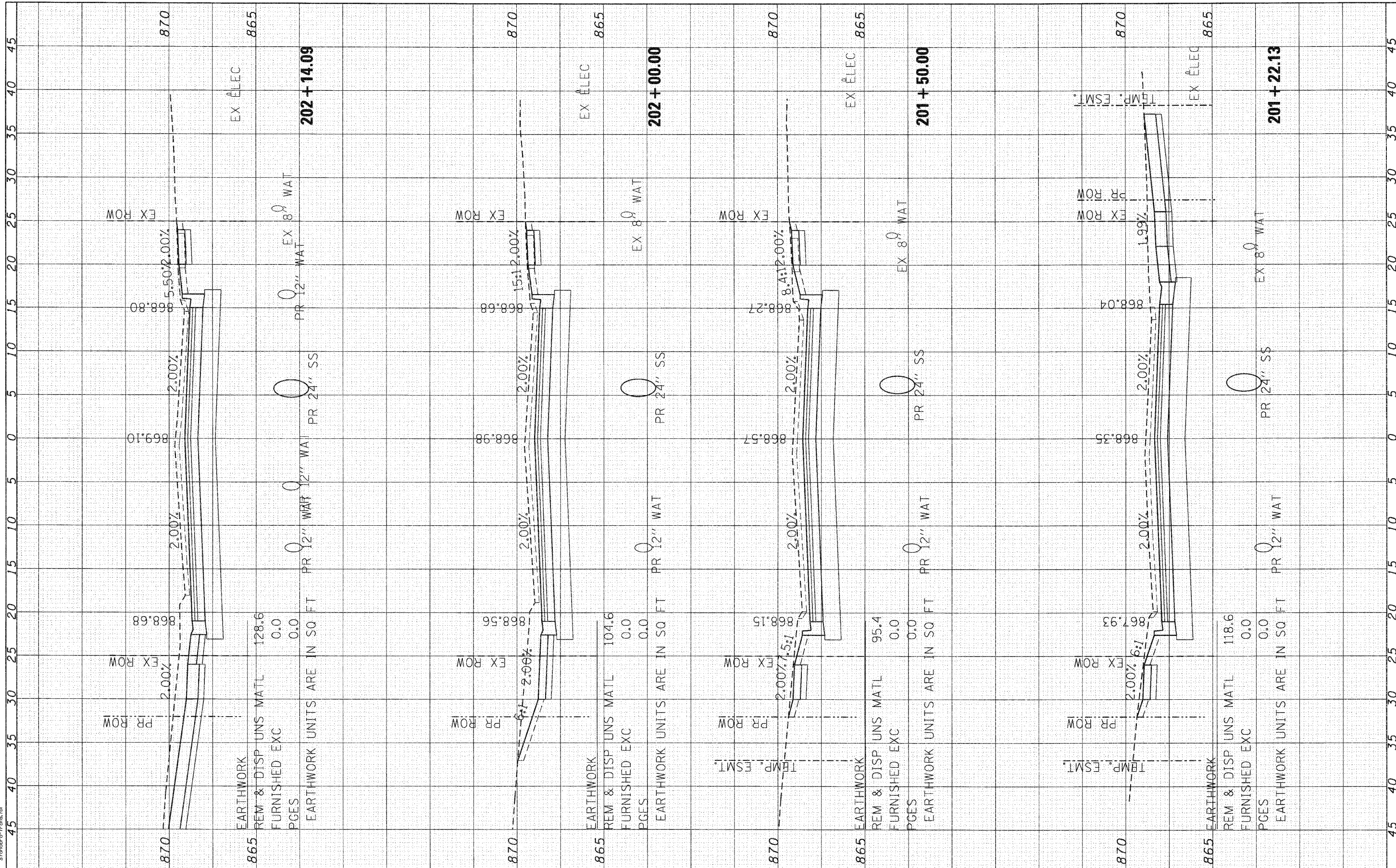
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	127
• FAU 2414, FAU 1280, FAP 343	ILLINOIS FED. AID PROJECT		CONTRACT NO. 63504	
FED. ROAD DIST. NO.	63504			

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

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

SEC GROUP, INC.
 COMPANY CONTACT: A. JAIN
 PROJECT CONTACT: VILLAGE OF CARPENTERSVILLE
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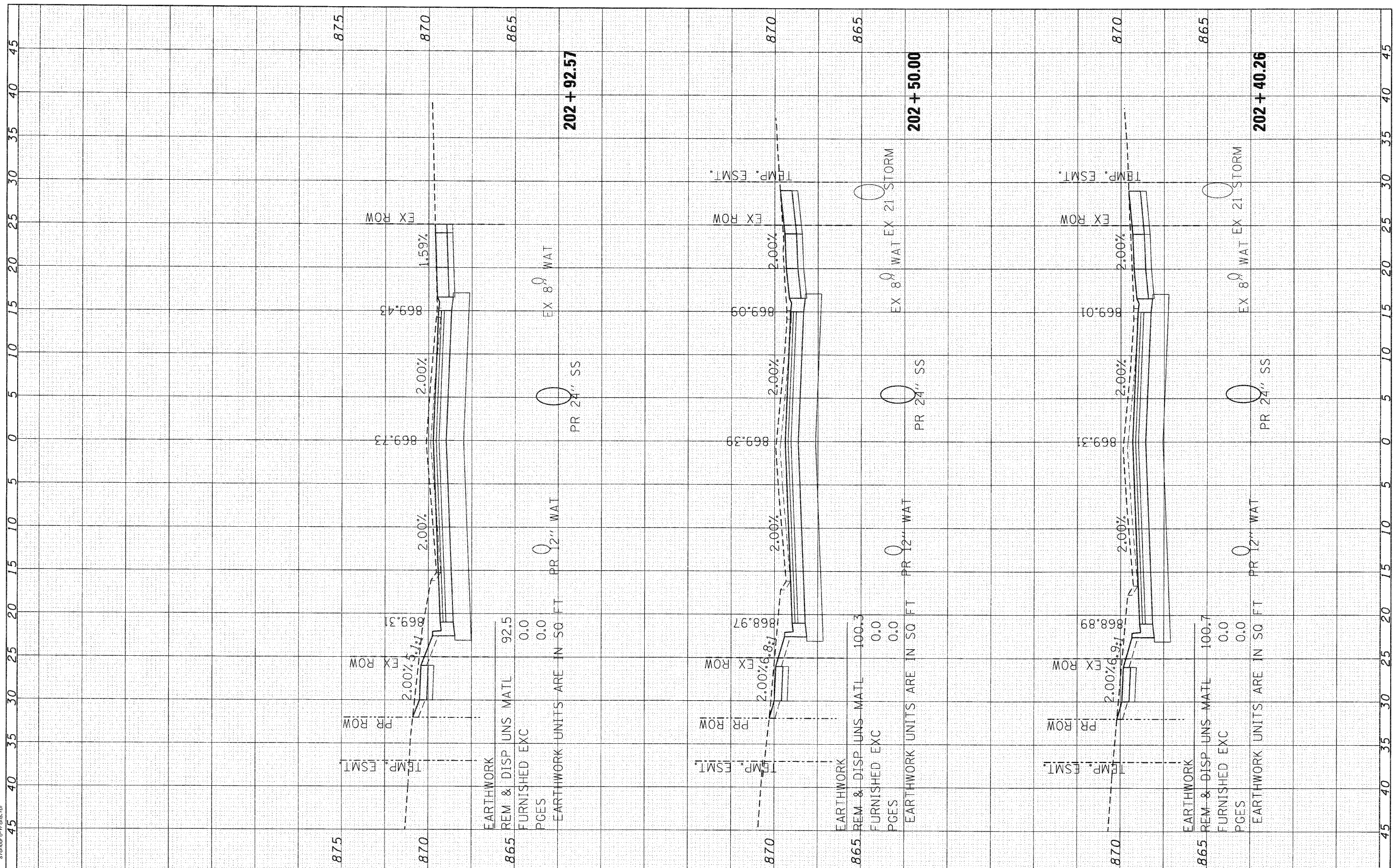


SEC Group, Inc. <small>2010 Green Company 420 N. First Street Milwaukee, WI 53202-1020 L 414.261.1778 F 414.261.1781 www.secgroup.com</small>	USER NAME = CHARTKE DESIGNED - C. HARTKE DRAWN - R. BEST CHECKED - T. HAMILTON DATE - 10/25/10	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF CARPENTERSVILLE	CROSS SECTIONS GOLFVIEW LANE	F.A. RTE. * SECTION 06-00074-00-FP COUNTY KANE TOTAL SHEETS 211 SHEET NO. 128	CONTRACT NO. 63504 63504
	PLOT SCALE = 1" = 5' PLOT DATE = 11/2/2010	SCALE: 1" = 5' SHEET NO. 2 OF 34 SHEETS STA. 201+22.13 TO STA. 202+14.09			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

FINAL SURVEY NOTE BOOK NO.	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	BY	DATE

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:40:55 PM
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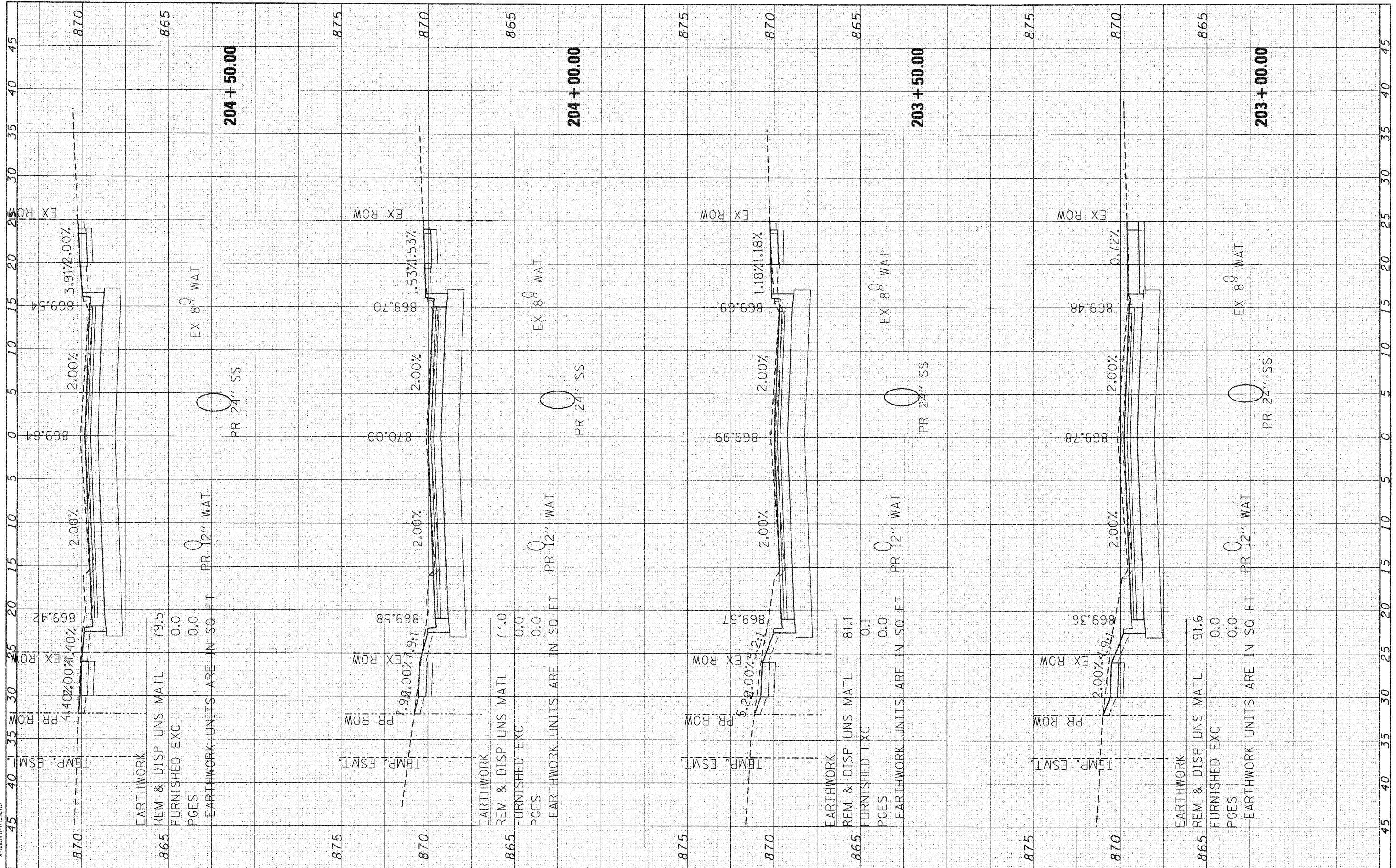


<p>SEC Group, Inc. An ITR Green Company 420 N. First Street Maitland, IL 60052-1106 P. 630.361.7700 F. 630.361.7881 www.secgroup.com</p>	USER NAME = CHartke	DESIGNED - C. HARTKE	REVISED -	VILLAGE OF CARPENTERSVILLE CROSS SECTIONS GOLFVIEW LANE	F.A. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =
	PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -		FAU 2414, FAU 1280, FAP 343	KANE	211	129	
	PLOT DATE = 11/2/2010	CHECKED - T. HAMILTON	REVISED -		STA. 202+40.26 TO STA. 202+92.57	CONTRACT NO. 63504	PROJECT 63504		
	DATE = 10/25/10	REVISED -							

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMP. ESMT.		
AREAS	AREAS		
CHECKED	CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMP. ESMT.		
AREAS	AREAS		
CHECKED	CHECKED		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. MAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:49:57 PM
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 PEN TABLE: standard-frans.tbl



SEC Group, Inc.
 An IHS Service Company
 420 N. First Street
 Naperville, IL 60563-2000
 T: 630.383.1774 F: 630.383.1781
 www.secgroupinc.com
 Headquarters: Naperville, IL • Regional Offices: Chicago, IL

USER NAME =	Cher-Uke		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	
PLOT SCALE =	1" = 5'		
PLOT DATE =	11/22/2010		

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
GOLFVIEW LANE**

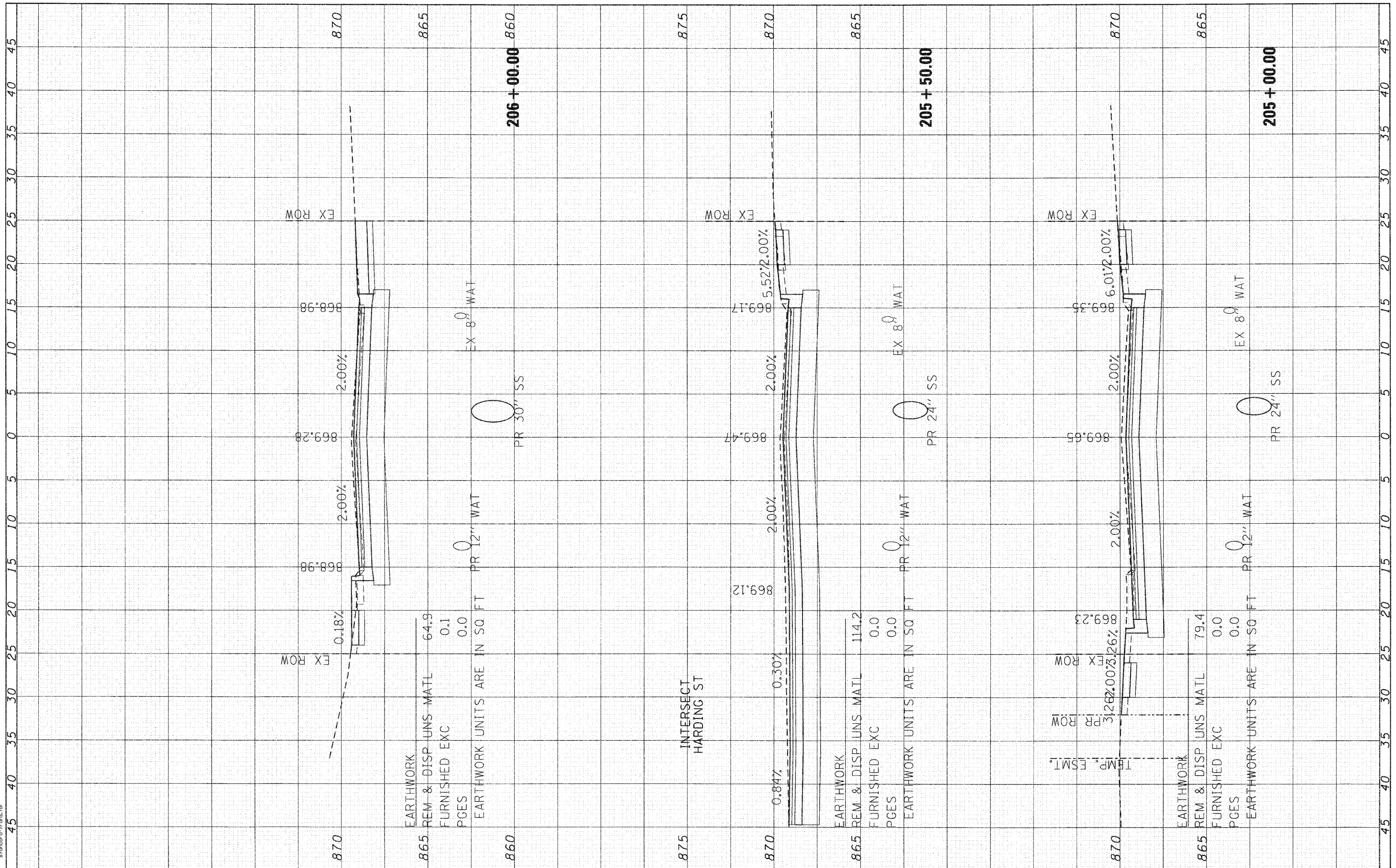
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-PP	KANE	211	130
FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		63504		

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

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

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:00:00 PM
 PLOT NUMBER: 06-00074-00-PP
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 An HR Group Company
 650 N. First Street
 Maitland, FL 32751-2198
 L: 407.886.1779 F: 407.886.1781
 www.secgroupinc.com
 Maitland, Orlando, Winter Park, Chicago, IL

USER NAME =	Chartke
DESIGNED -	C. HARTKE
REVISOR -	
DRAWN -	R. BEST
REVISOR -	
CHECKED -	T. HAMILTON
REVISOR -	
DATE -	10/25/10
REVISOR -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

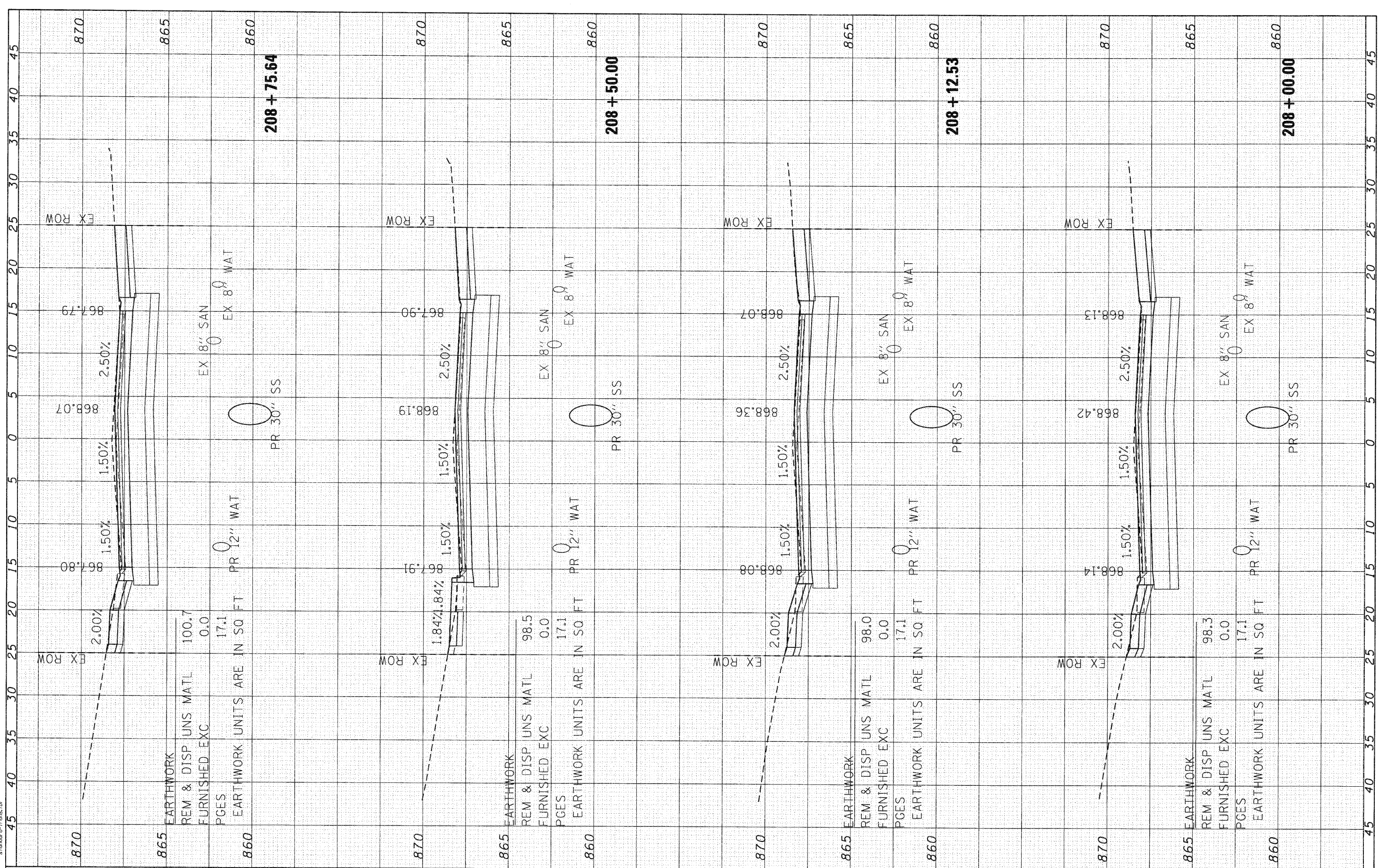
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-PP	KANE	211	131
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	63504	

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:00:00 PM
 PLOT DRIVER: SEC-001.dgn
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 2019 Clean Company
 400 N. First Street
 Maitland, FL 32751-2108
 P: 407.886.1778 F: 407.886.1701
 www.secgroup.com

USER NAME = chartke
 PLOT SCALE = 1" = 5'
 PLOT DATE = 11/22/2010

DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	

VILLAGE OF CARPENTERSVILLE

CROSS SECTIONS
 GOLFVIEW LANE

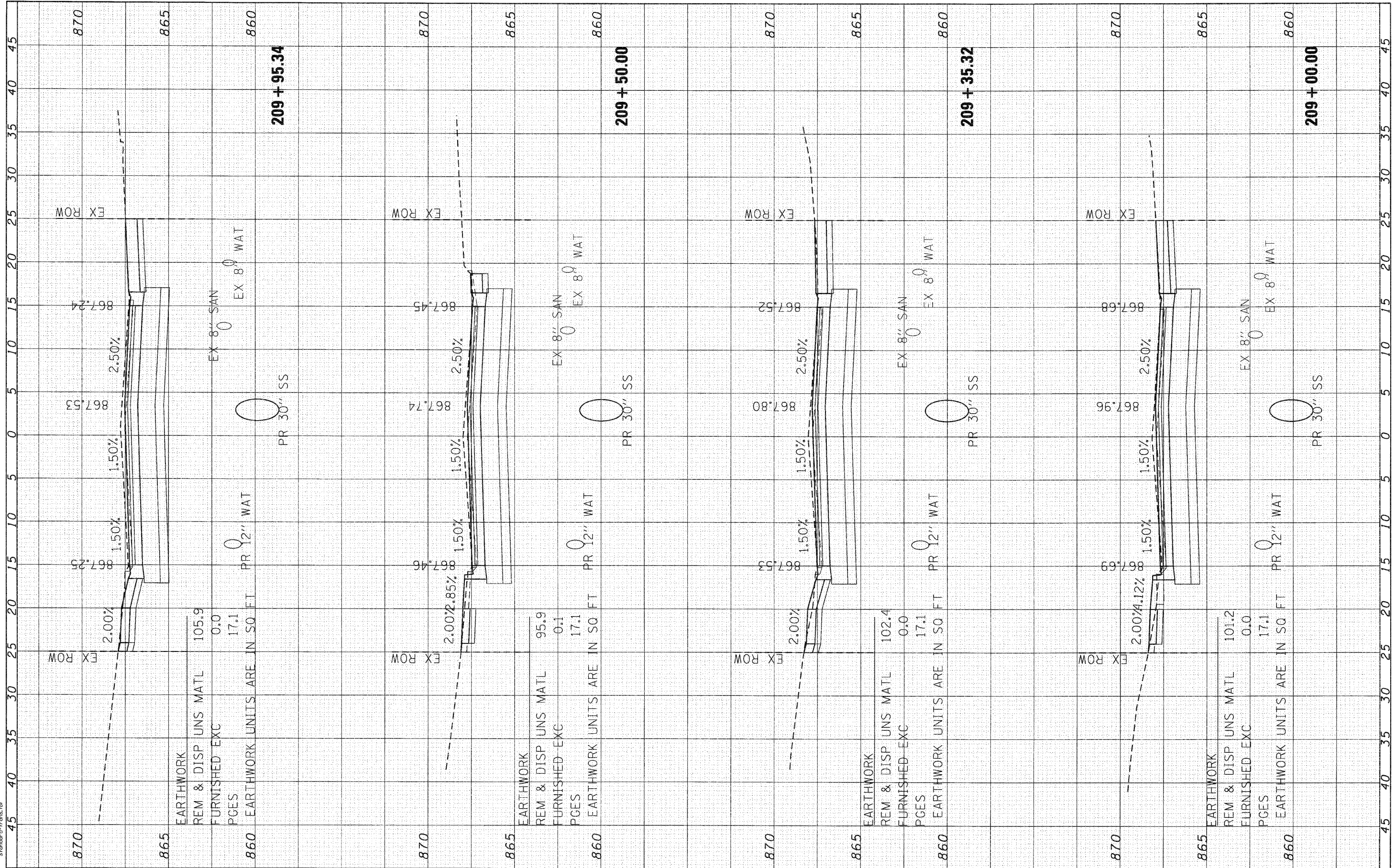
SCALE: 1" = 5' SHEET NO. 7 OF 34 SHEETS STA. 208+00.00 TO STA. 208+75.64

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	133
FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			63504	

FINN	SURVEYED	BY	DATE
NO.	PLOTTED		
	AREAS CHECKED		

ORIGINAL	CHECKED	BY	DATE
NO.	PLOTTED		
	AREAS CHECKED		

SEC GROUP, INC.
 COMPANY CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:50:07 PM
 PLOT DRIVER: 800256-SEC-GOLF-CPN
 PEN TABLE: Standard-Trans.tbl



SEC Group, Inc.
 A Miller Group Company
 420 N. First Street
 Miller, IL 61801-2008
 L 618.363.1777 F 618.363.1781
 www.secgroupinc.com

USER NAME = CHartke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

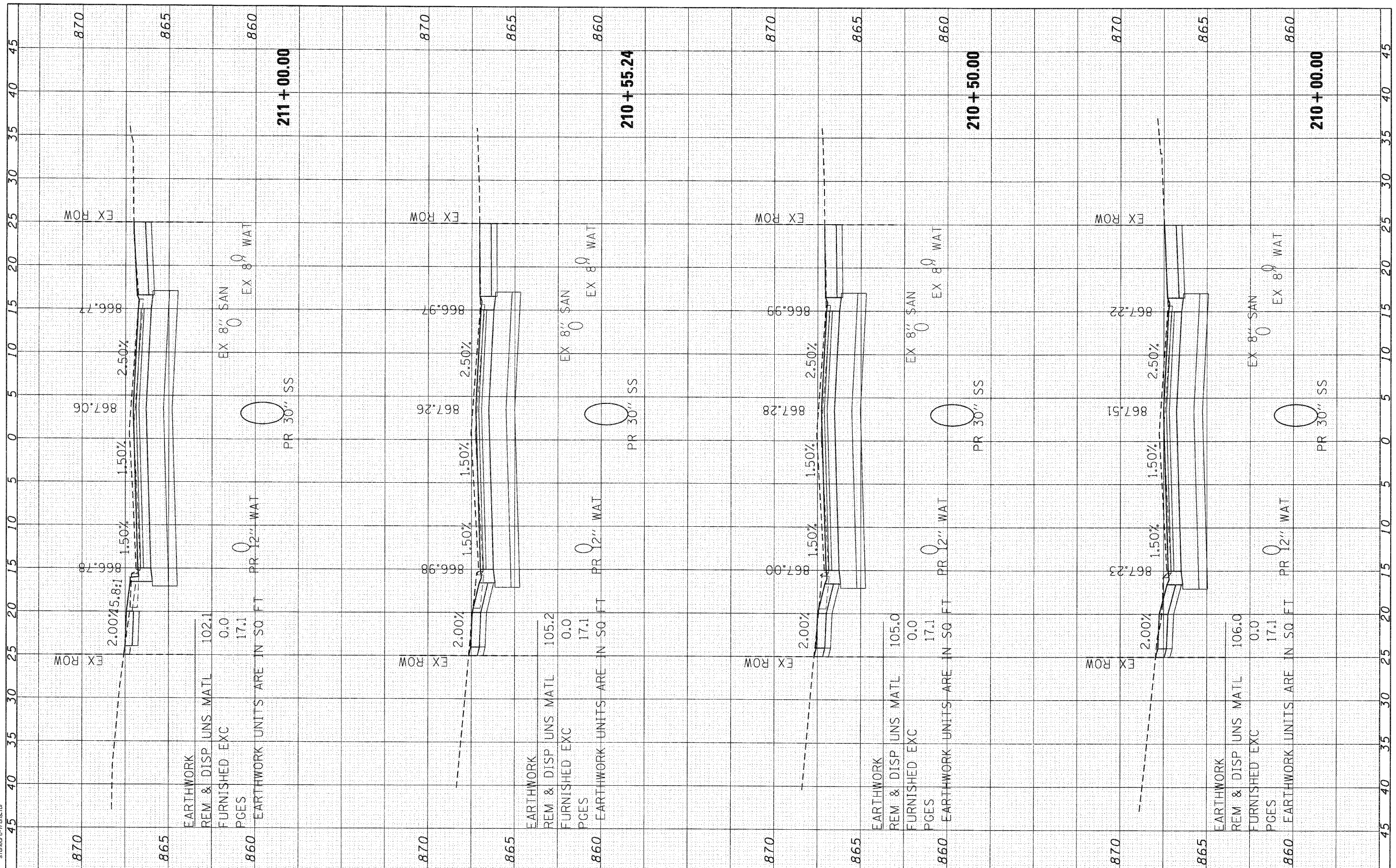
SCALE: 1" = 5' SHEET NO. 8 OF 34 SHEETS STA. 209+00.00 TO STA. 209+95.34

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	134
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT	63504	

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 112222ND ROAD FM
 CARPENTERSVILLE, IL 61813
 PHONE: 618-266-1000
 FAX: 618-266-1001
 WWW: www.secgroup.com



SEC Group, Inc.
 An HNTB Group Company
 420 N. First Street
 Maitland, IL 61852-2136
 T: 618.266.1779 F: 618.266.1751
 www.secgroup.com

USER NAME =	Cher-ke
DESIGNED -	C. HARTKE
DRAWN -	R. BEST
CHECKED -	T. HAMILTON
DATE -	10/25/10
REVISED -	
REVISED -	
REVISED -	
REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

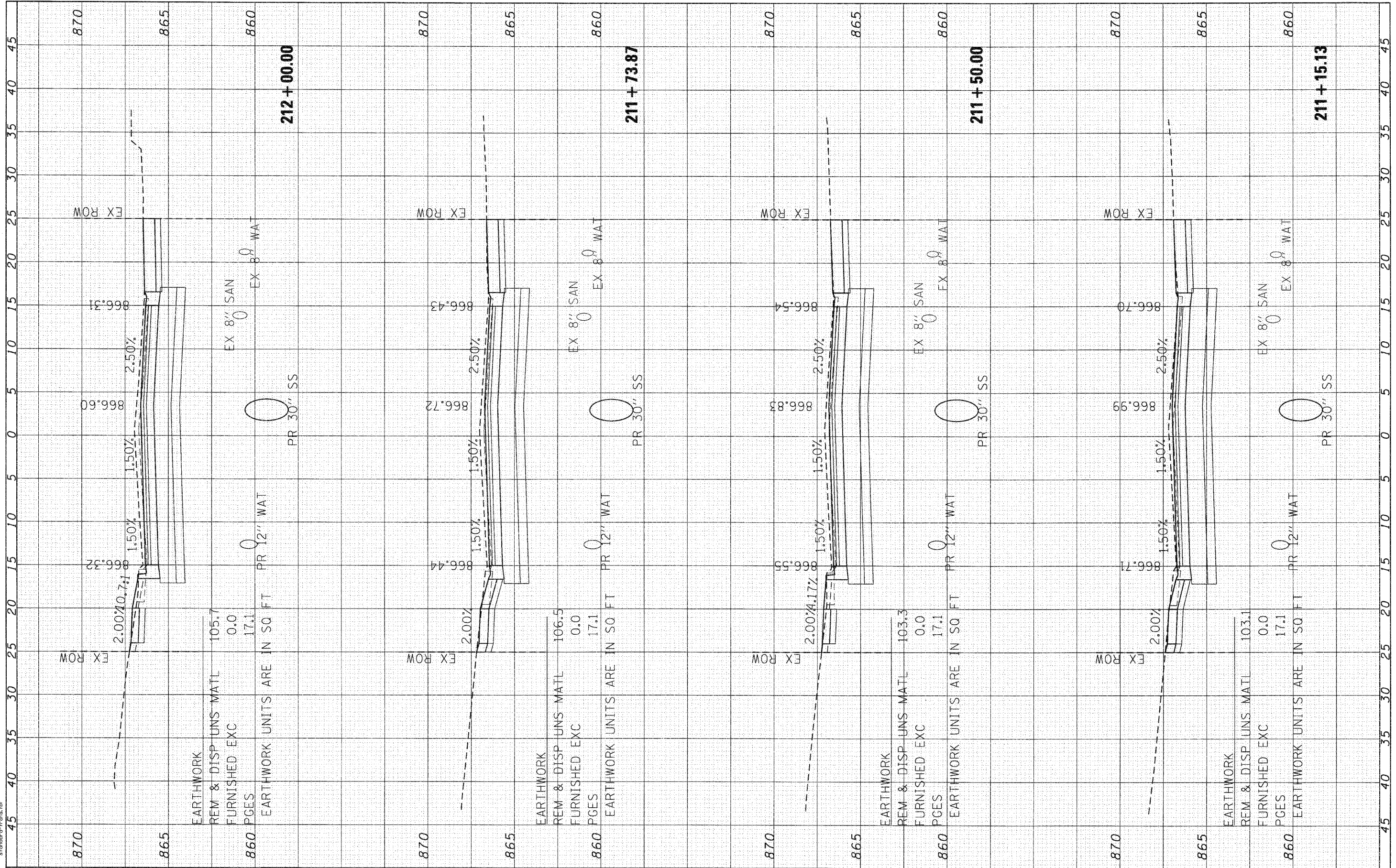
SCALE: 1" = 5' SHEET NO. 9 OF 34 SHEETS STA. 210+00.00 TO STA. 211+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-PP	KANE	211	135
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT 63504	

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

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

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:50:13 PM
 PLOT DRIVER: 800266-SEC-001.dgn
 PEN TABLE: s:\standard\trans.tbl



SEC Group, Inc.
 1117 Green Company
 420 N. First Street
 Moline, IL 61905-1129
 T 815.365.1770 F 815.365.1781
 www.secgroupinc.com

USER NAME =	Char-ike		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

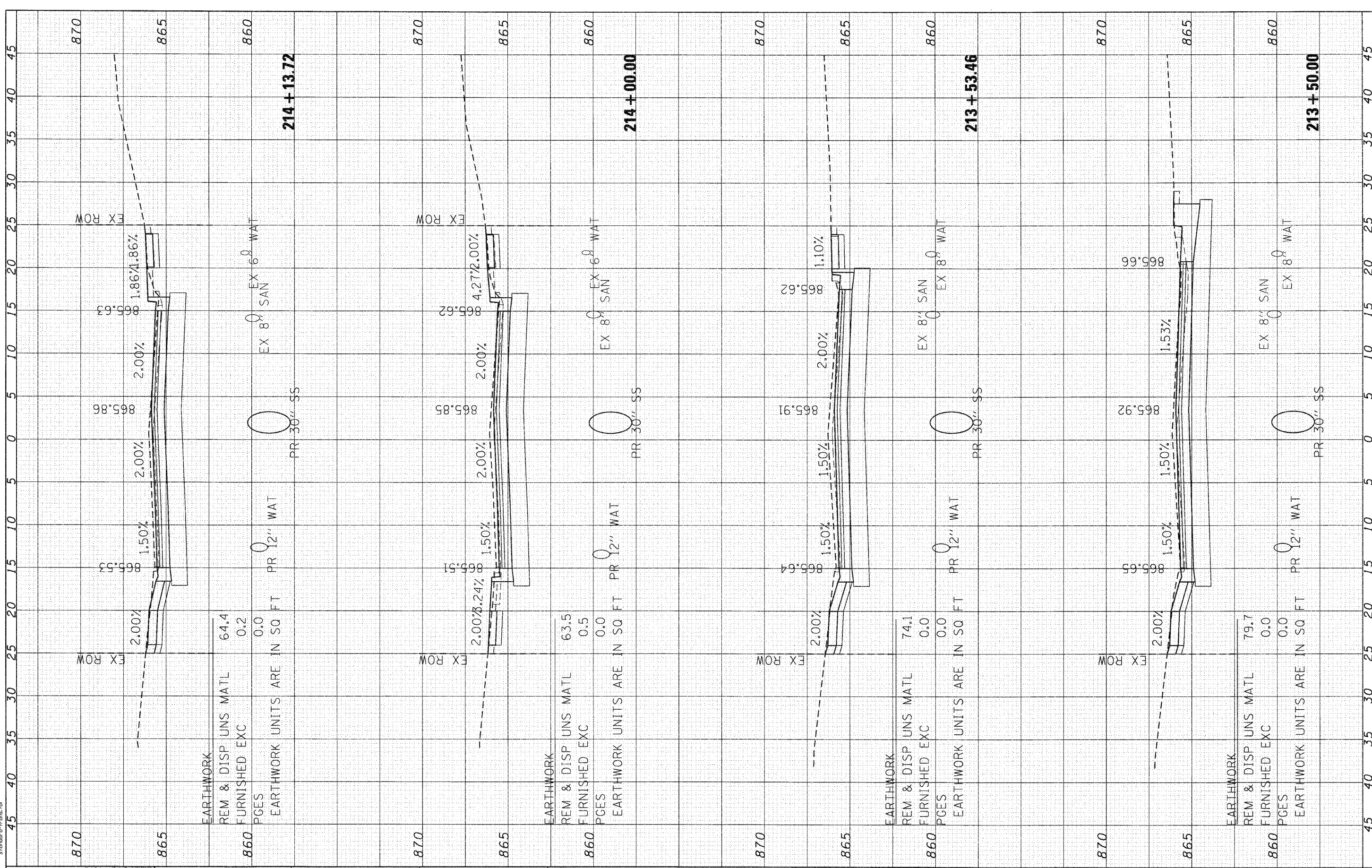
SCALE: 1" = 5'
 SHEET NO. 10 OF 34 SHEETS
 STA. 211+5.13 TO STA. 212+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	136
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	63504	

FINAL SURVEY	BY	DATE
NOTED		
PLOTTED		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
NOTED		
PLOTTED		
AREAS CHECKED		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 10:08:08 AM
 PLOT DRIVER: 809026-SSC-001-001
 PEN TABLE: 81fontcolor-trans.tbl



EARTHWORK	
REM & DISP UNS MATL	64.4
FURNISHED EXC	0.2
PGES	0.0
EARTHWORK UNITS ARE IN SQ FT	

EARTHWORK	
REM & DISP UNS MATL	63.5
FURNISHED EXC	0.5
PGES	0.0
EARTHWORK UNITS ARE IN SQ FT	

EARTHWORK	
REM & DISP UNS MATL	74.1
FURNISHED EXC	0.0
PGES	0.0
EARTHWORK UNITS ARE IN SQ FT	

EARTHWORK	
REM & DISP UNS MATL	79.7
FURNISHED EXC	0.0
PGES	0.0
EARTHWORK UNITS ARE IN SQ FT	

SEC Group, Inc.
 400 N. Frank Street
 Maitland, FL 32751-2156
 1-813-365-1770 • 1-813-365-1781
 www.secgroupinc.com
 Maitland, Florida, IL, New Lenox, Chicago, IL

USER NAME =	CHartke		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

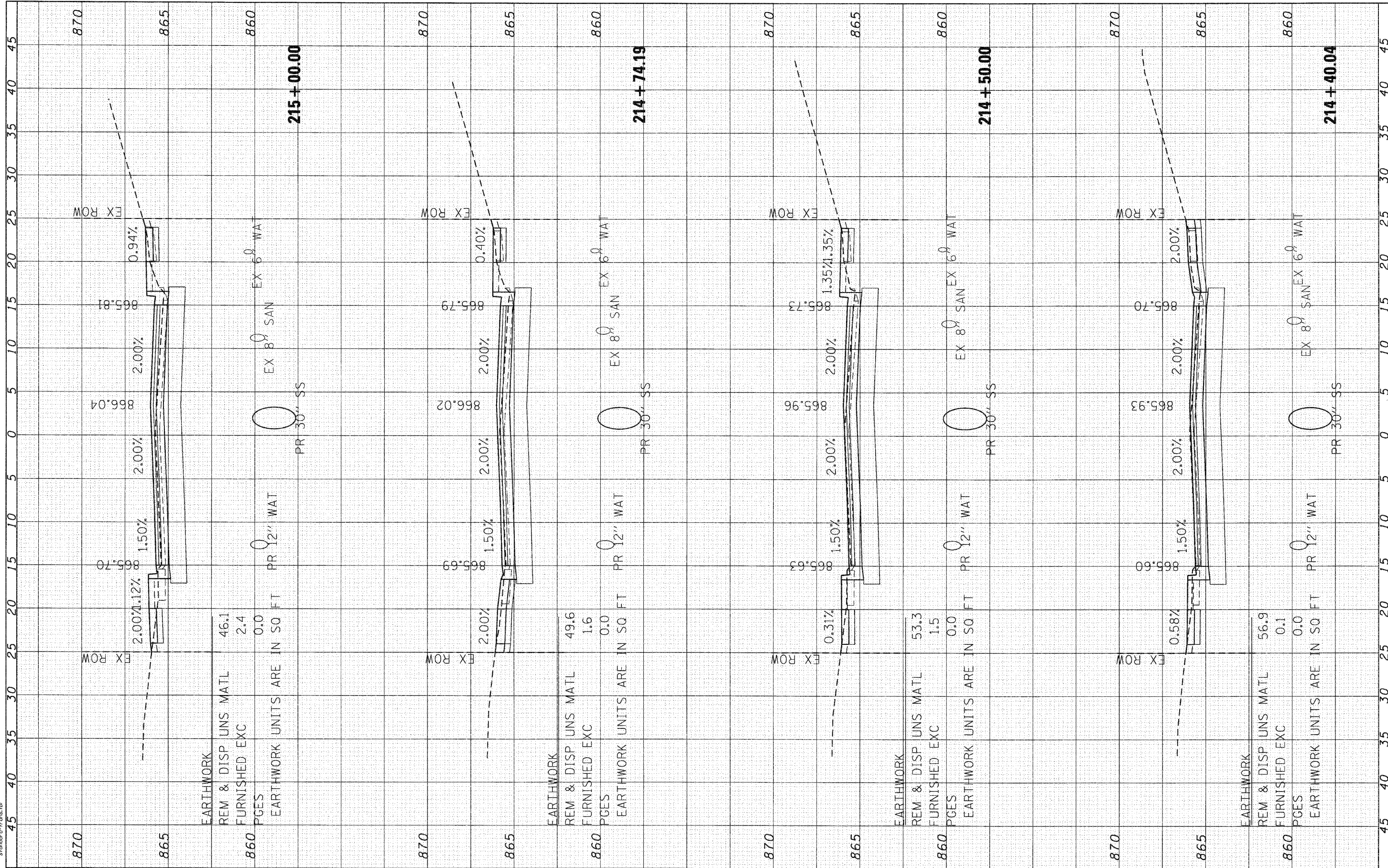
SCALE: 1" = 5' SHEET NO. 12 OF 34 SHEETS STA. 213+50.00 TO STA. 214+13.72

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	138
•	FAU 2414, FAU 1280, FAP 343			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	63504	
			63504	

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

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

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:50:20 PM
 PLOT DRIVER: sec-golf-10p
 PEN TABLE: standard-frans.tbl



SEC Group, Inc.
 2100 West 15th Street
 Milwaukee, WI 53207-1000
 Tel: 414.365.1770 Fax: 414.365.1781
 www.secgroupinc.com

USER NAME =	CHARTKE
DESIGNED -	C. HARTKE
REVISIONS -	
DRAWN -	R. BEST
REVISIONS -	
CHECKED -	T. HAMILTON
REVISIONS -	
DATE -	10/25/10
REVISIONS -	

VILLAGE OF CARPENTERSVILLE

CROSS SECTIONS
 GOLFVIEW LANE

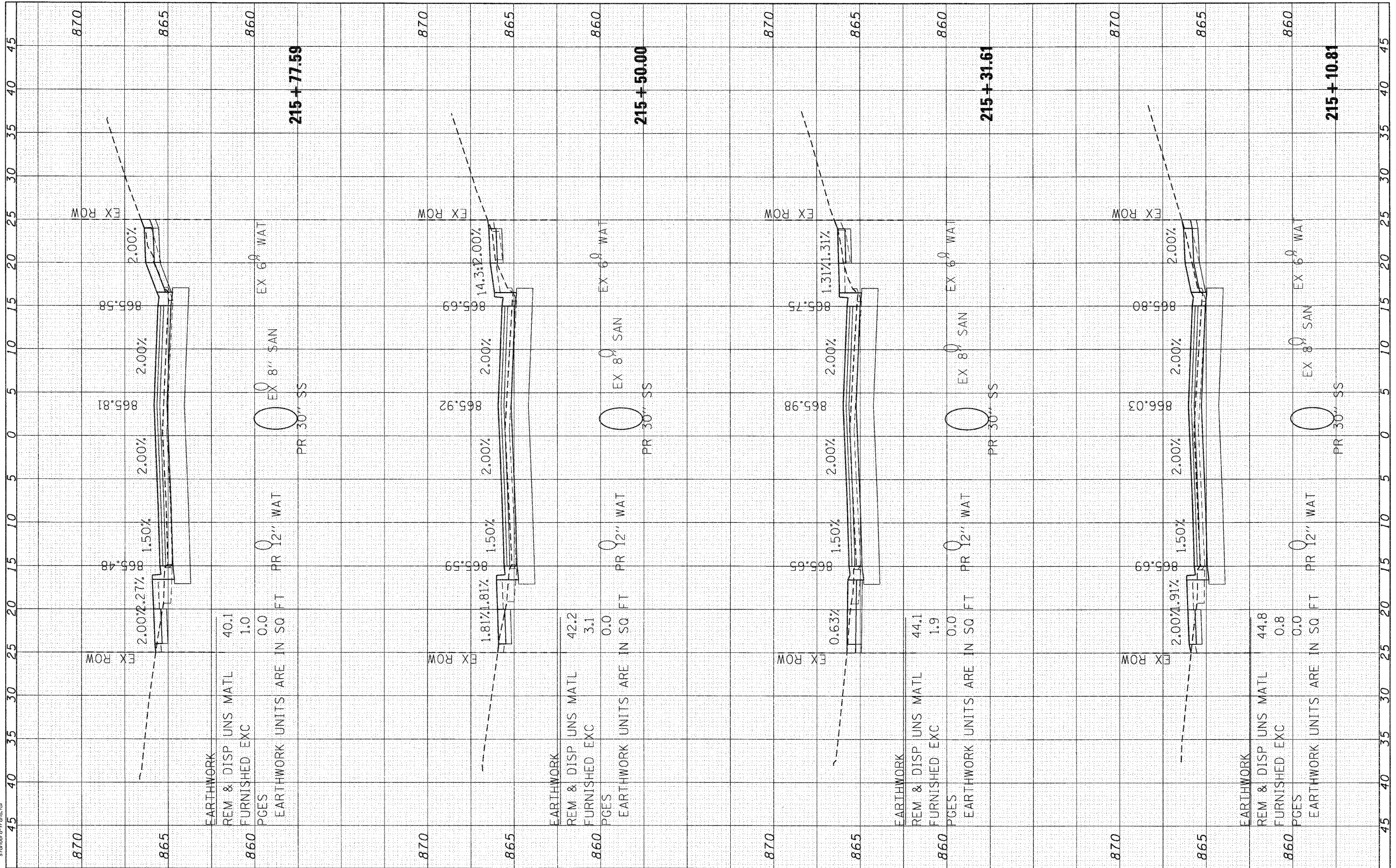
SCALE: 1" = 5' SHEET NO. 13 OF 34 SHEETS STA. 214+40.04 TO STA. 215+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	139
•	FAU 2414, FAU 1280, FAP 343	CONTRACT NO.	63504	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	63504		

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:50:23 PM
 PLOT DRIVER: C:\Program Files\SEC-Group\bin\stdwin\stdwin.tbl



SEC Group, Inc.
 420 N. First Street
 Moline, IL 61704-2000
 L 815.335.1777 F 815.335.1781
 www.secgroupinc.com
 3100 West 17th Street, New Lenox, Illinois

USER NAME =	CHARTKE		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

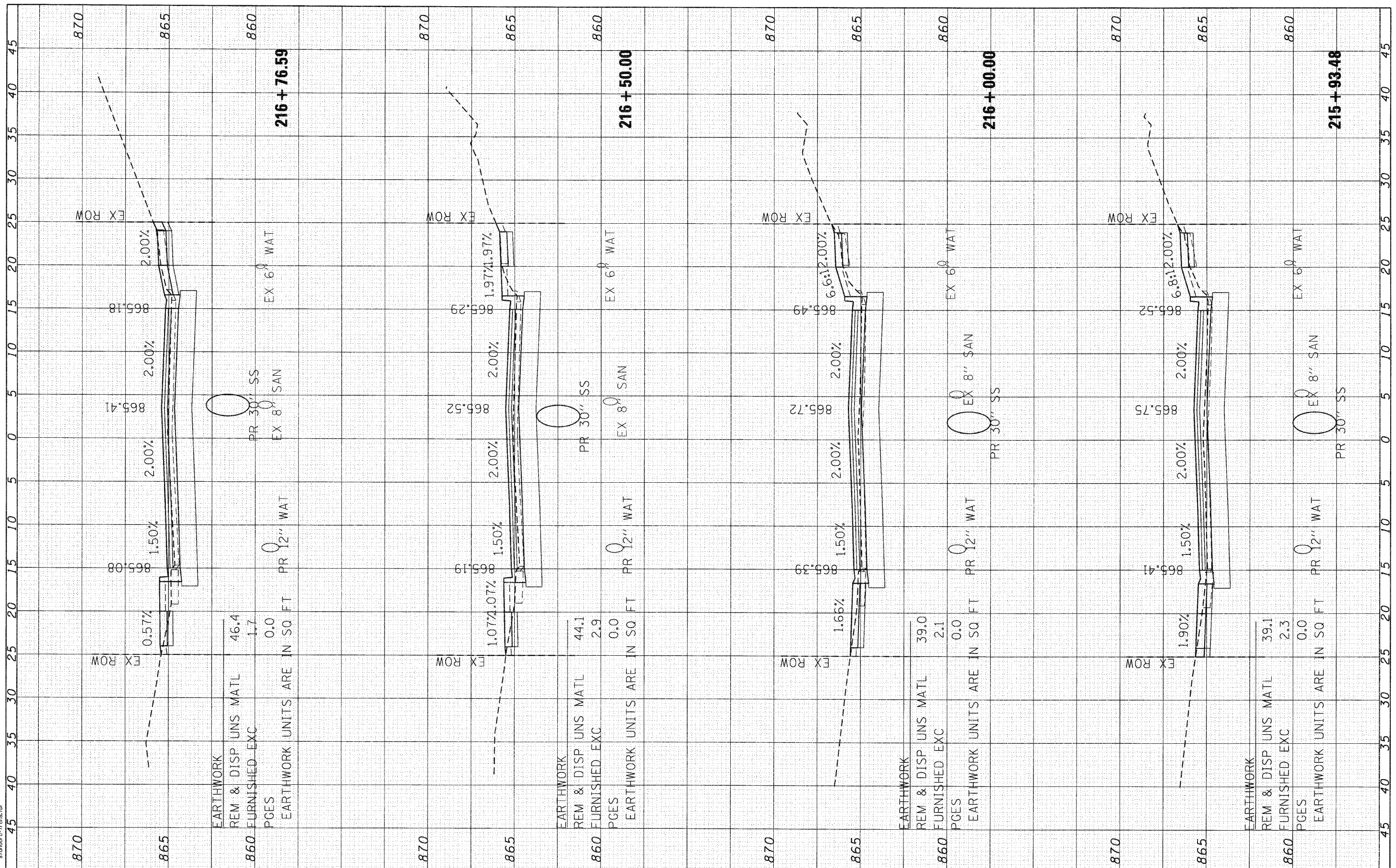
SCALE: 1" = 5' SHEET NO. 14 OF 34 SHEETS STA. 215+10.81 TO STA. 215+77.59

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	140
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	63504	

FINAL SURVEY	BY	DATE
SURVEY		
NOTE BOOK		
NO.		
DESIGNED		
DRAWN		
CHECKED		
DATE		

ORIGINAL SURVEY	BY	DATE
SURVEY		
NOTE BOOK		
NO.		
DESIGNED		
DRAWN		
CHECKED		
DATE		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 10:00:29 AM
 PLOT DRIVER: psc04p - psc04r.dgn
 PEN TABLE: standard-frans.tbl



SEC Group, Inc.
 An HNTB Group Company
 420 N. Frank Street
 Maitland, IL 60052-2138
 T. 615.265.1779 F. 615.265.1781
 www.secgroup.com
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USER NAME = chh-ke	DESIGNED - C. HARTKE	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLOT DATE = 11/22/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

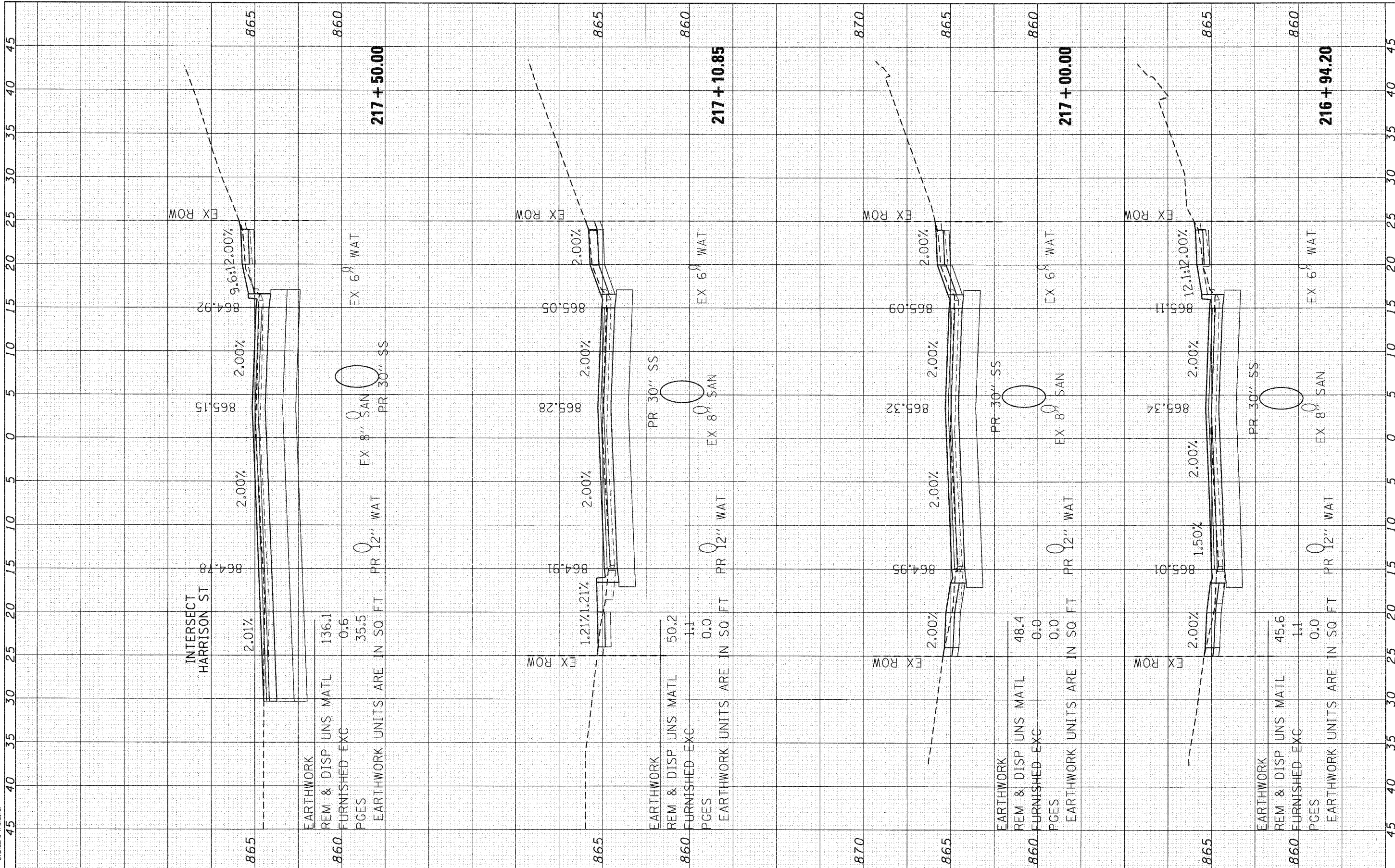
SCALE: 1" = 5' SHEET NO. 15 OF 34 SHEETS STA. 215+93.48 TO STA. 216+76.59

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	141
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		63504

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

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

SEC GROUP, INC.
 4. JAIN
 VILLAGE OF CARPENTERSVILLE
 11/22/2010 12:05:28 PM
 09/28/10 SEC-GOLF-001
 5 Standard Plans.tbl



SEC Group, Inc.
 1000 N. First Street
 Maitland, IL 60151-1101
 L 618.281.1770 F 618.281.1781
 www.secgroup.com

USER NAME = CHARTKE	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

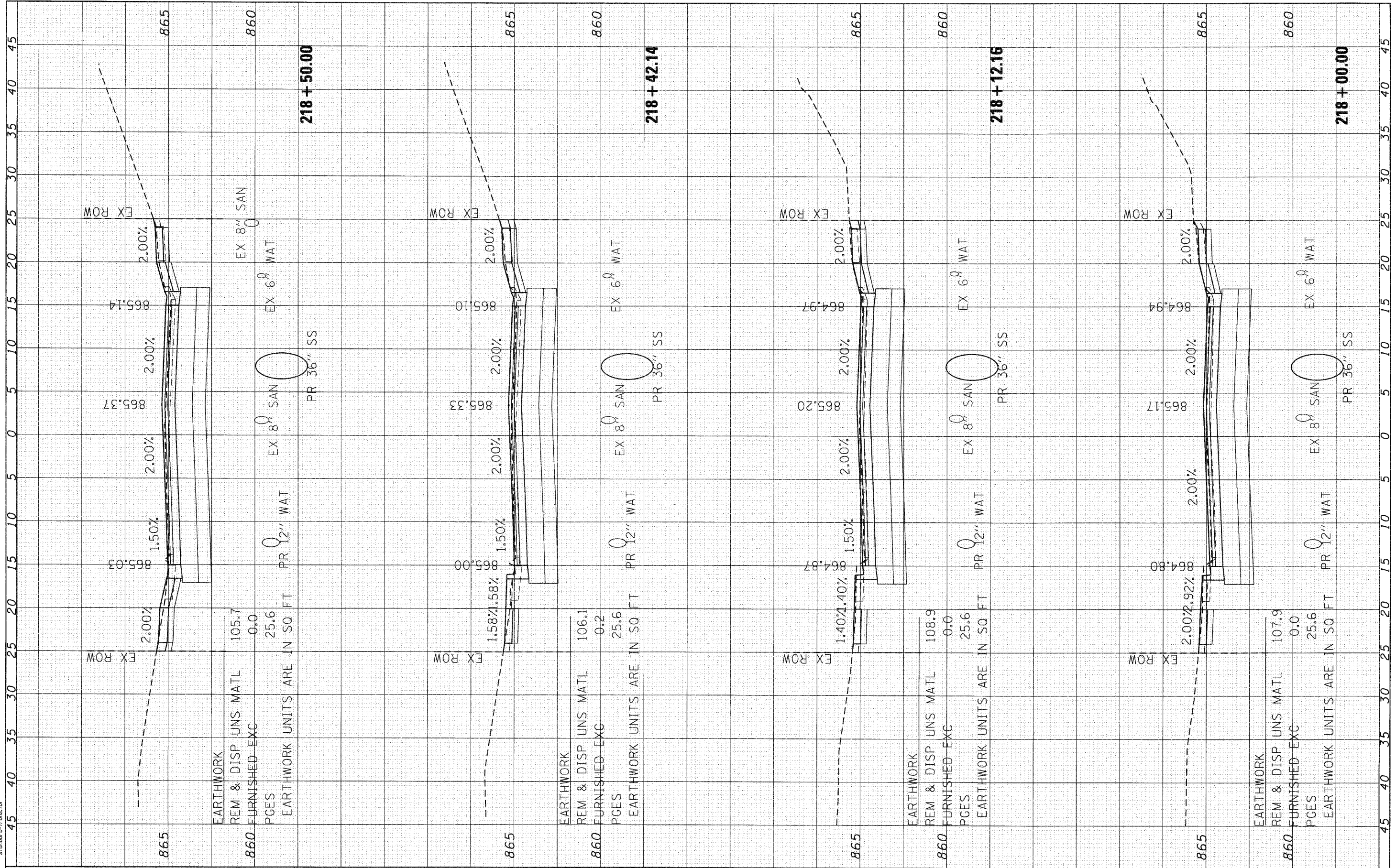
SCALE: 1" = 5' SHEET NO. 16 OF 34 SHEETS STA. 216+94.20 TO STA. 217+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	142
	FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		63504	

FINAL SURVEY	BY	DATE
EXPANDED SURVEY		
NOTED BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
EXPANDED SURVEY		
NOTED BOOK		
AREAS CHECKED		
NO.		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 10:50:50 PM
 PLOT DRIVER: SEC-001-001
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 401 W. Green Company
 420 N. First Street
 Moline, IL 61704-2136
 P 815.562.1779 F 815.366.1781
 www.secgroup.com

USER NAME =	Charkie
DESIGNED -	C. HARTKE
REVISIONS	
DRAWN -	R. BEST
CHECKED -	T. HAMILTON
DATE -	10/25/10

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

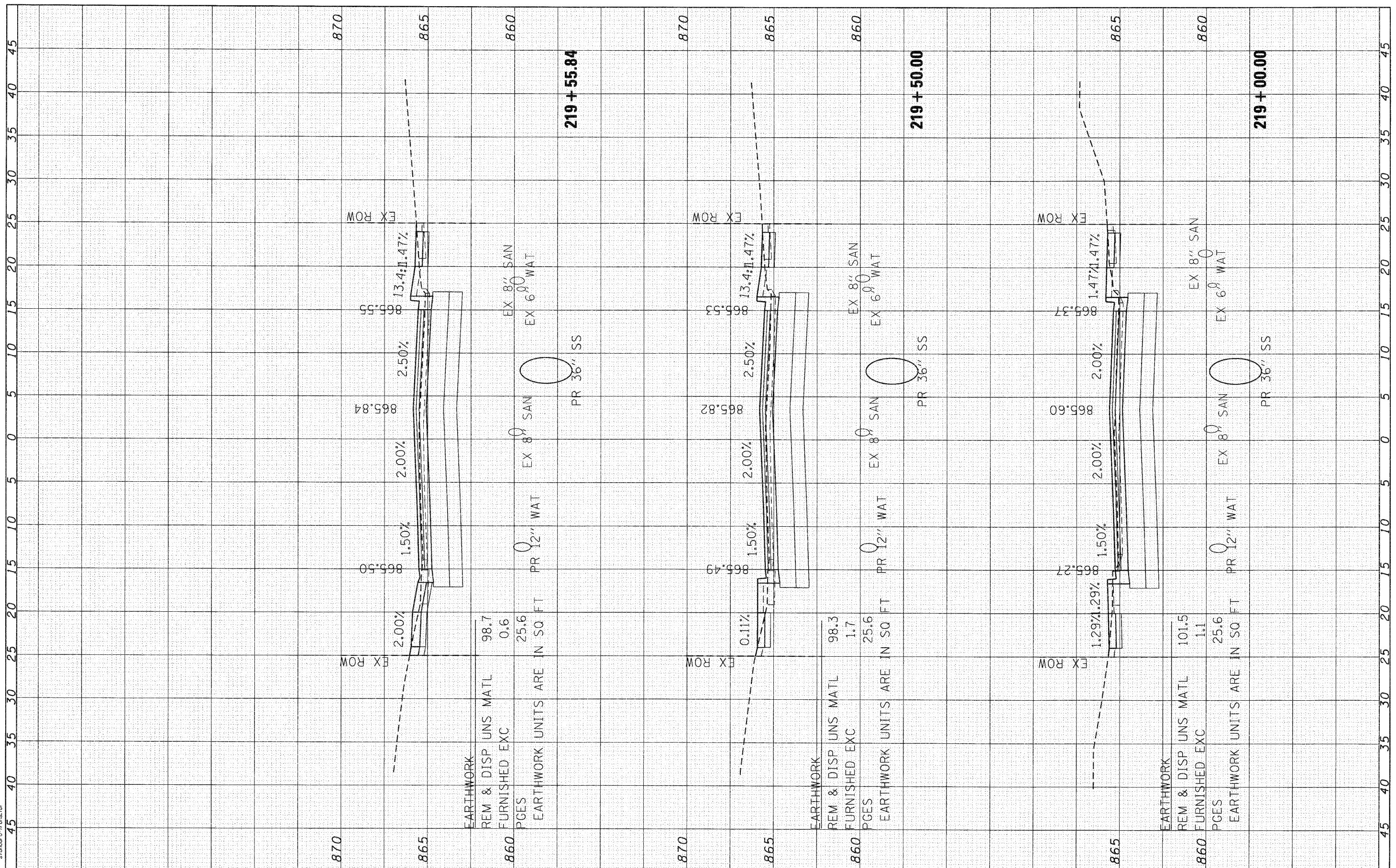
SCALE: 1" = 5'
 SHEET NO. 17 OF 34 SHEETS
 STA. 218+00.00 TO STA. 218+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	143
* FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		63504

FINISH	DATE
SURVEY	BY
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 14222 ROAD 1280 RD FM
 75781-0000
 TEL: 281-291-7000
 FAX: 281-291-7001
 WWW.SEC-GRUP.COM
 PEN TABLE:



SEC Group, Inc.
 An HR Green Company
 420 N. First Street
 Moline, IL 61201-3136
 T: 815.265.1770 F: 815.265.1781
 www.sec-grup.com

USER NAME =	CHARTKE
DESIGNED -	C. HARTKE
DRAWN -	R. BEST
CHECKED -	T. HAMILTON
DATE -	10/25/10
REVISIONS	
REVISED -	
REVISED -	
REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

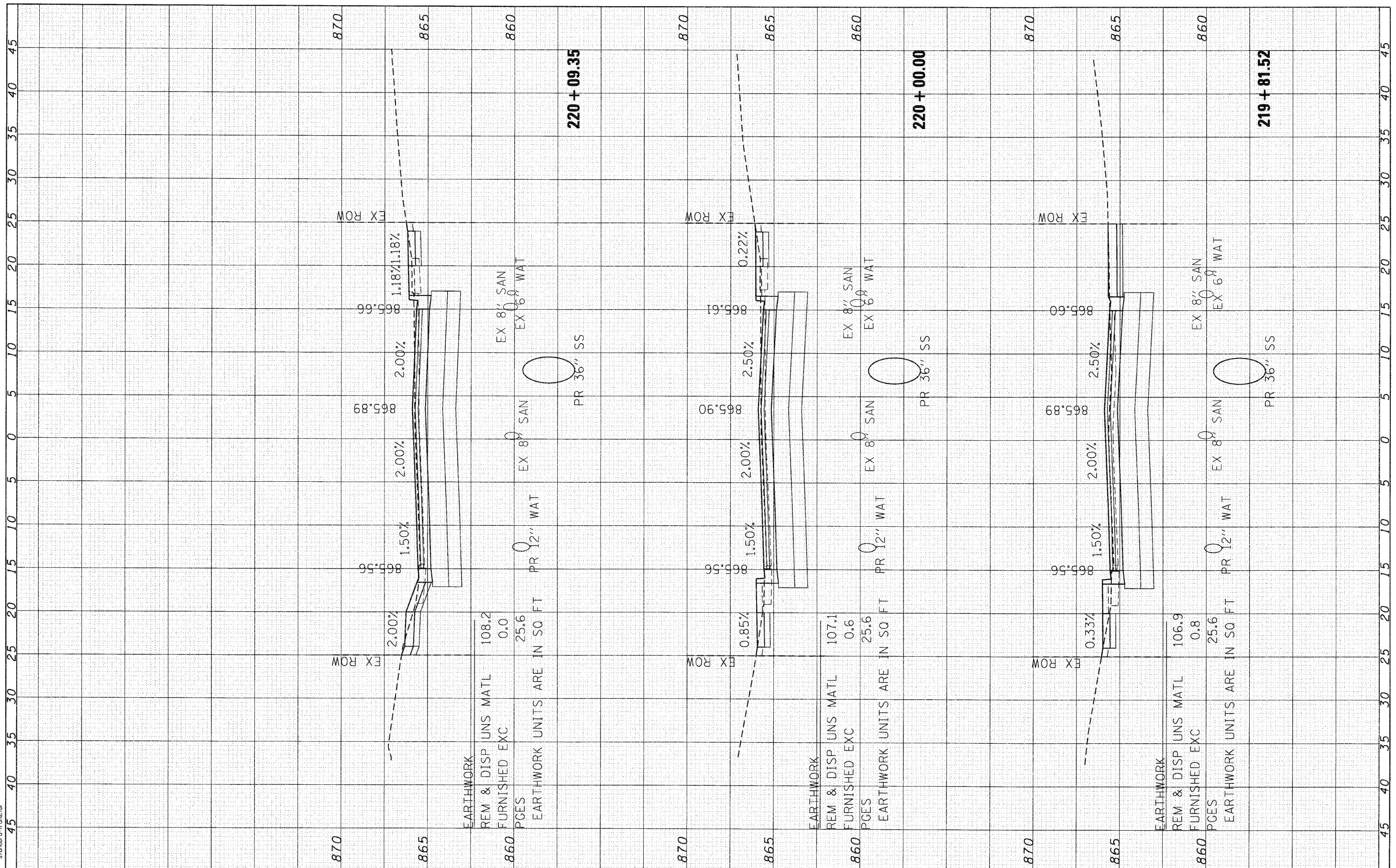
SCALE: 1" = 5' SHEET NO. 18 OF 34 SHEETS STA. 219+00.00 TO STA. 219+55.84

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	144
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		63504

FINAL SURVEY	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS CHECKED		

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 10:00:55 AM
 DATE CHECKED: 11/22/2010 10:00:55 AM
 PLOT DRIVER: pdc/chr
 PEN TABLE: Standard-Trans.tbl

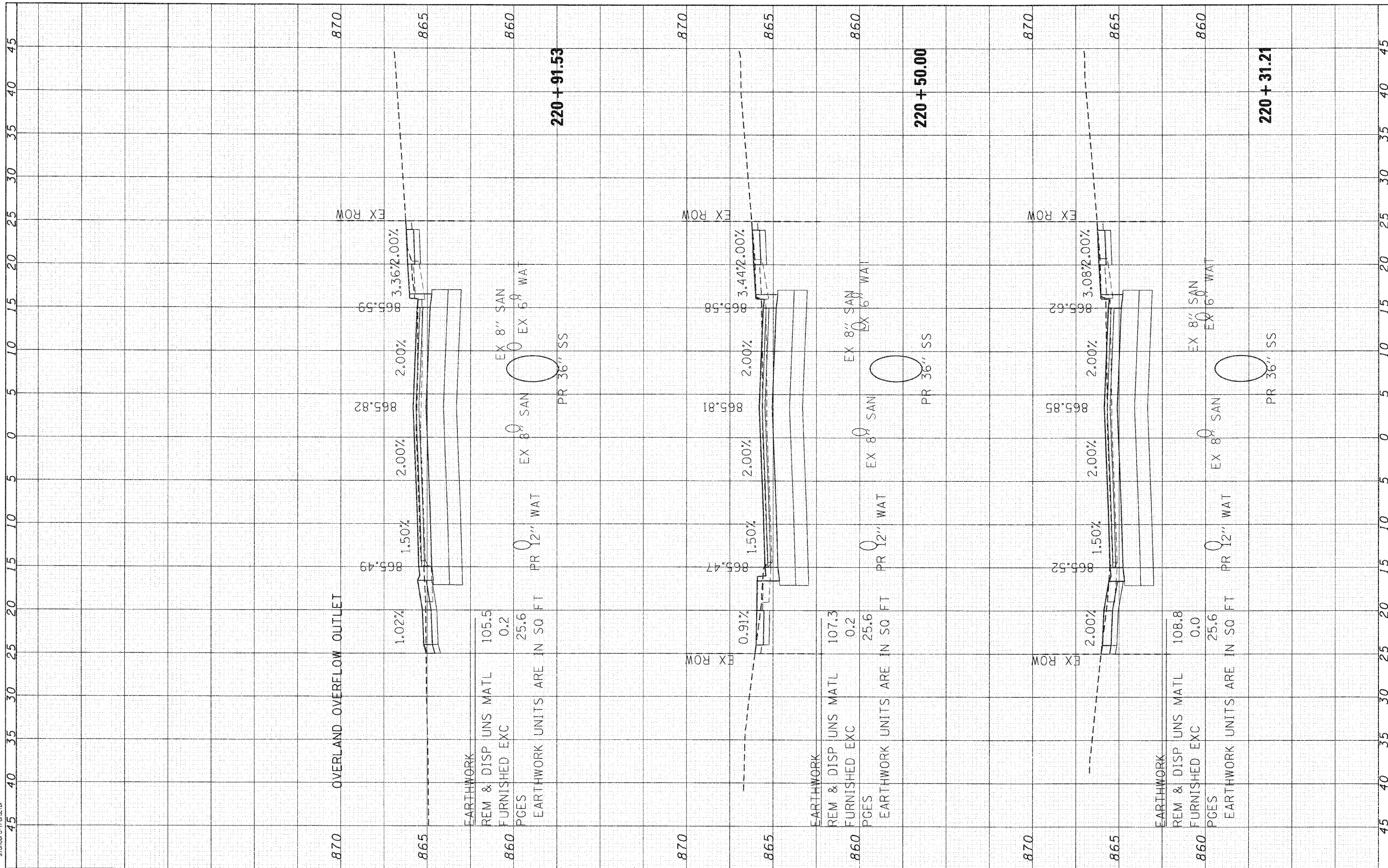


SEC Group, Inc. <small>An IIT Group Company</small> 420 N. First Street Moline, IL 61705-5136 T: 815.296.1778 F: 815.296.1781 www.secgroupinc.com <small>Memphis • Peoria • New Lenox • Chicago</small>	USER NAME = Dhr-tke PLOT SCALE = 1" = 5' PLOT DATE = 11/22/2010	DESIGNED - C. HARTKE DRAWN - R. BEST CHECKED - T. HAMILTON DATE - 10/25/10	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF CARPENTERSVILLE CROSS SECTIONS GOLFVIEW LANE	F.A. RTE. 06-00074-00-FP COUNTY KANE TOTAL SHEETS 211 SHEET NO. 145	CONTRACT NO. 63504 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 63504
	SCALE: 1" = 5' SHEET NO. 19 OF 34 SHEETS STA. 219+81.52 TO STA. 220+09.35					

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. MIN
 ADDRESS: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/2/2010 12:50:38 PM
 PLOT DRIVER: sec-001-top
 PLOT TABLE: standard-trans.tbl



SEC Group, Inc.
 A Hill Group Company
 420 N. First Street
 Moline, IL 61201-2108
 P: 314.265.1171 F: 314.265.1161
 www.secgroup.com
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USER NAME =	CHARTKE		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
GOLFVIEW LANE**

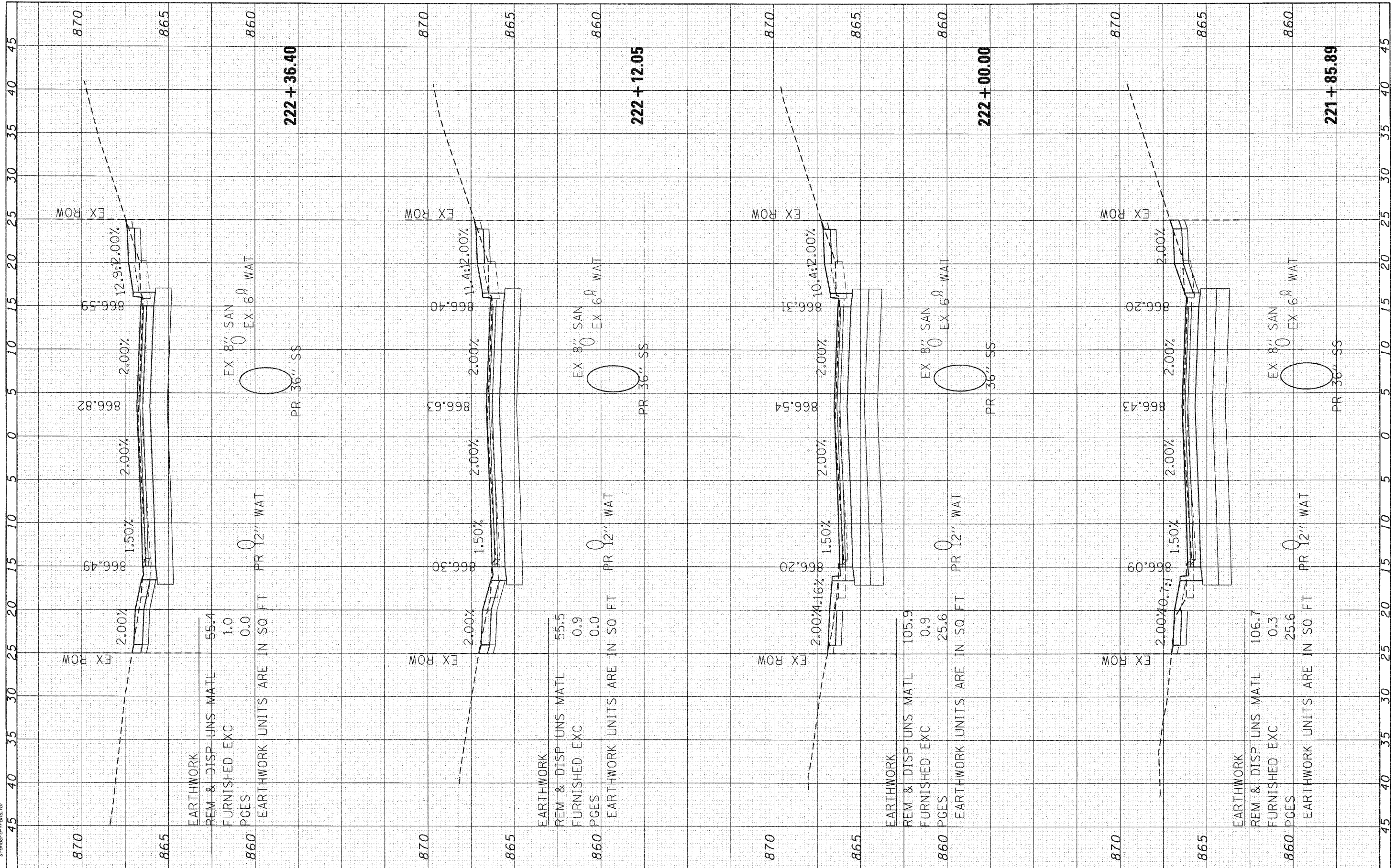
SCALE: 1" = 5' SHEET NO. 20 OF 34 SHEETS STA. 220+31.21 TO STA. 220+91.53

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	146
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			63504	

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

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

SEC GROUP, INC.
 PROJECT CONTACT: J. MAIN
 VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:50:43 PM
 PLOT SCALE: 1" = 5'
 PEN TABLE:



USER NAME = CHARTKE	DESIGNED - C. HARTKE	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLOT DATE = 11/2/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

CROSS SECTIONS
 GOLFVIEW LANE

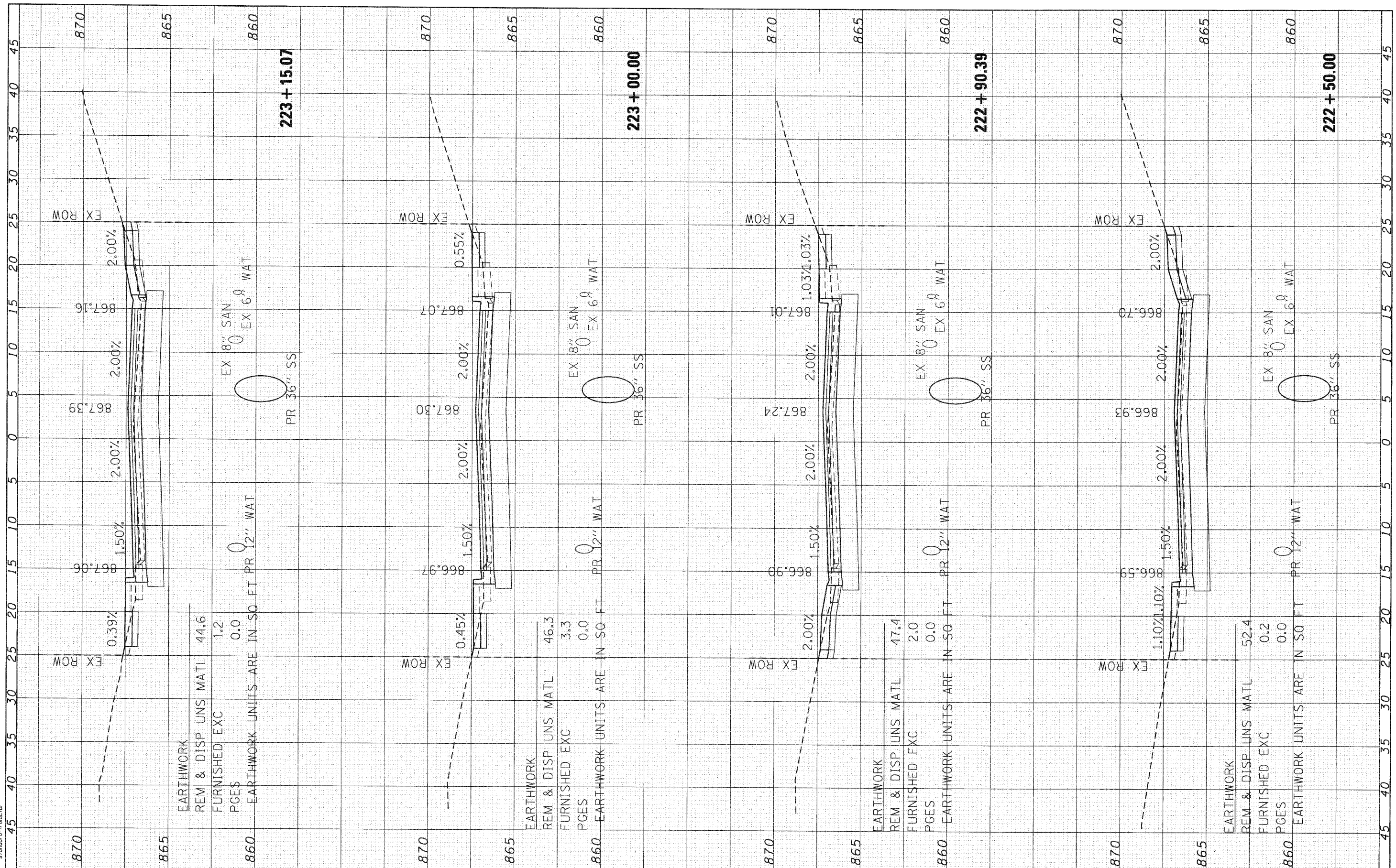
SCALE: 1" = 5' SHEET NO. 22 OF 34 SHEETS STA. 221+85.89 TO STA. 222+36.40

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00074-00-FP	06-00074-00-FP	KANE	211	148
FAU 2414, FAU 1280, FAP 343				
FED. ROAD DIST. NO.	(ILLINOIS) FED. AID PROJECT	CONTRACT NO.	63504	

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 10:50:46 AM
 FILE NAME: 06-00074-00-PP
 PLOT DRIVER: pcc40r
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 420 N. First Street
 Mokena, IL 60459-1158
 L 815.595.1778 F 815.595.1781
 www.secgroup.com

USER NAME = C-Har-Uke	DESIGNED - C. HARTKE	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLOT DATE = 11/2/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

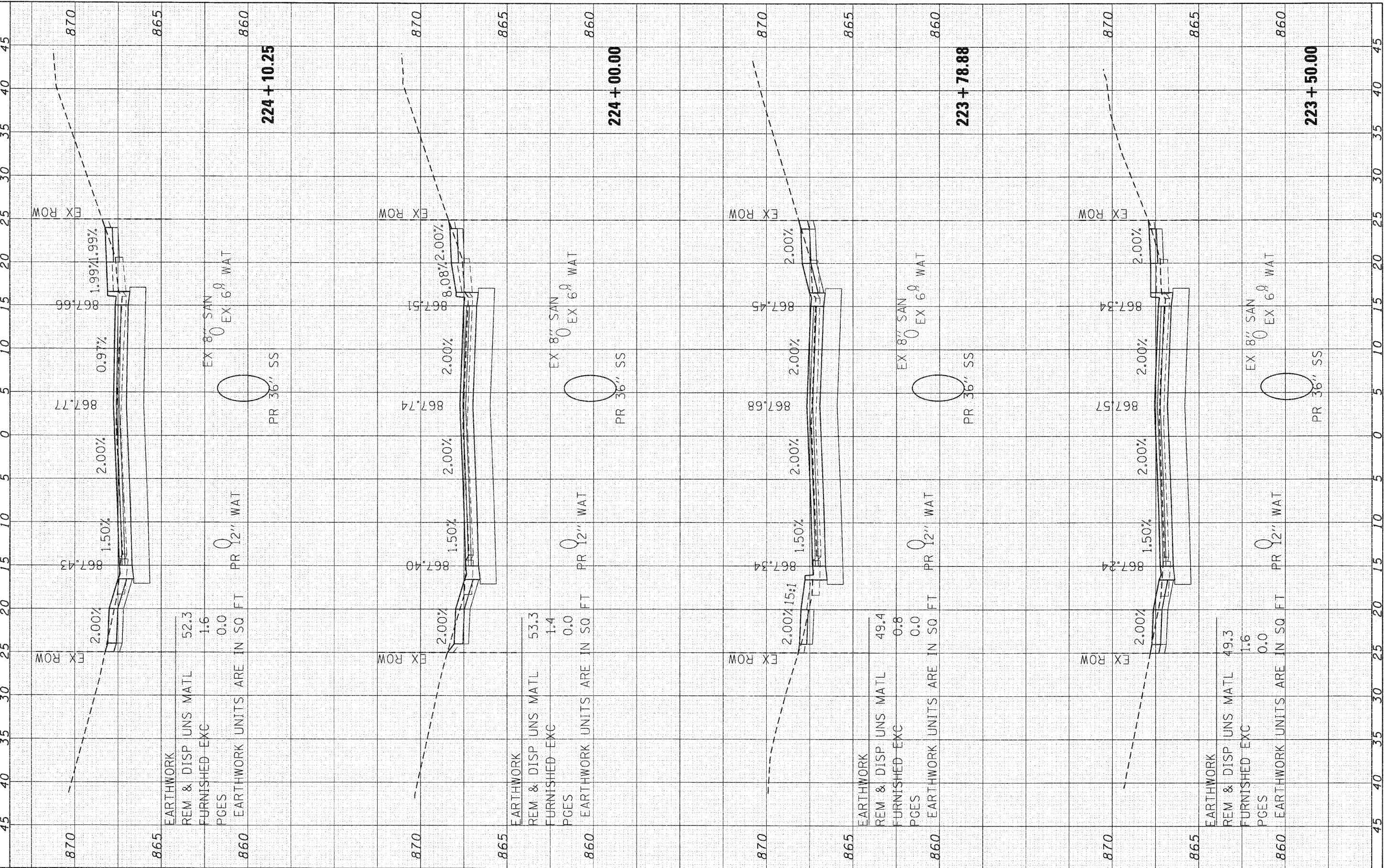
CROSS SECTIONS	
GOLFVIEW LANE	
SCALE: 1" = 5'	SHEET NO. 23 OF 34 SHEETS
STA. 222+50.00 TO STA. 223+15.07	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-PP	KANE	211	149
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			63504	

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

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

SEC GROUP, INC.
 PROJECT CONTACT: 4 MAIN VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:55:48 PM
 PLOT DRIVER: 800236-SEC-067.dgn
 PEN TABLE: 31roadcr-trans.tbl



SEC Group, Inc.
 2100 Green Company
 420 N. First Street
 Milwaukee, WI 53203-1228
 T 414.382.1770 F 414.382.1701
 www.secgroup.com
 Milwaukee, WI 53203-1228

USER NAME = CHartke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

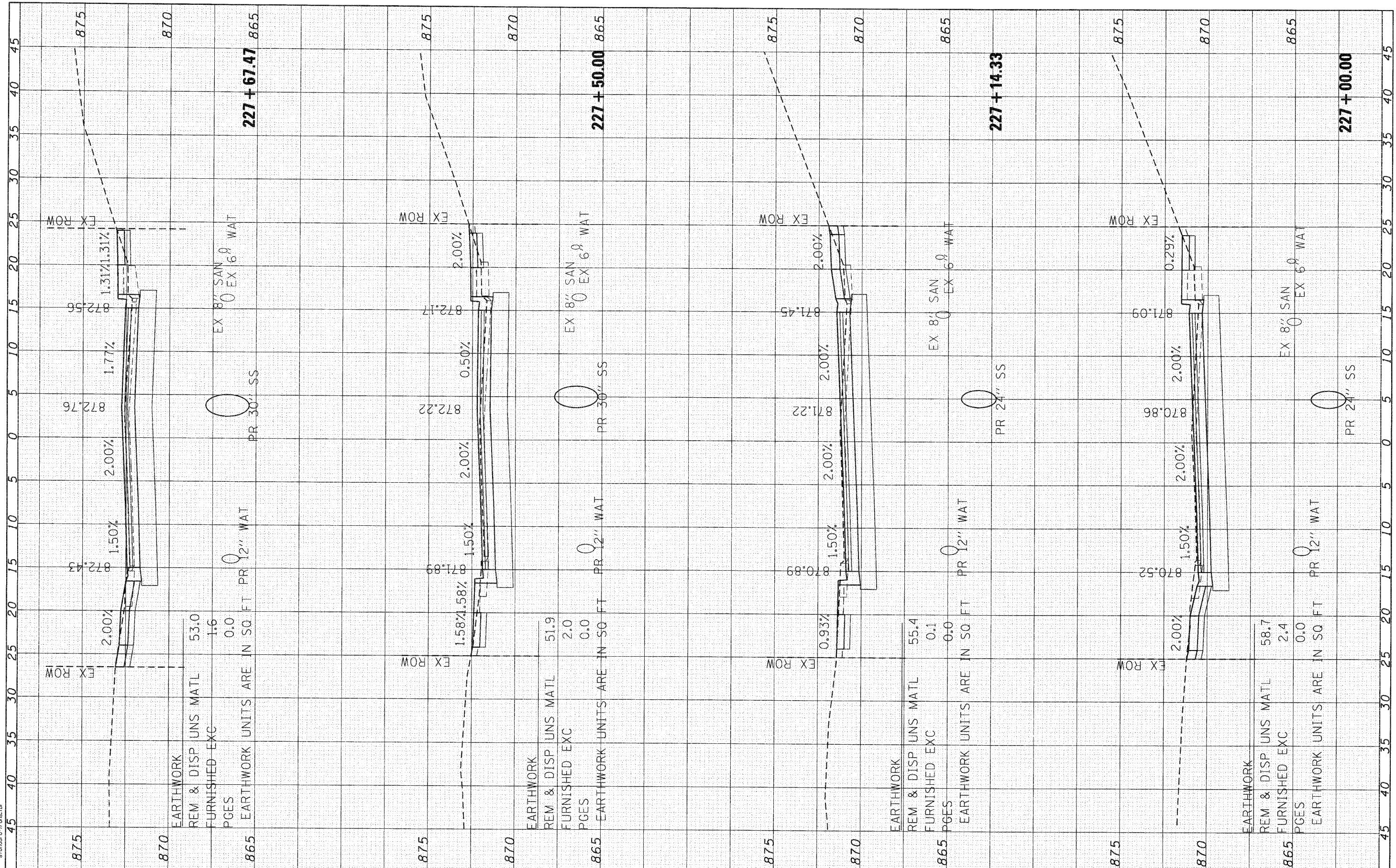
CROSS SECTIONS	
GOLFVIEW LANE	
SCALE: 1" = 5'	SHEET NO. 24 OF 34 SHEETS
STA. 223+50.00 TO STA. 224+10.25	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	150
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	63504	

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 FILE NAME: 11/22/2010 10:00:07 PM
 PLOT DRIVER: secgrp\jain\jain\p101010
 PEN TABLE: standard-fonts.tbl



SEC Group, Inc.
 4318 N. Front Street
 Mettawa, IL 60045-1301
 1 815.385.1772 F 815.385.1781
 www.secgroup.com

USER NAME	= Charko
DESIGNED	- C. HARTKE
DRAWN	- R. BEST
CHECKED	- T. HAMILTON
DATE	- 10/25/10
REVISED	-
REVISED	-
REVISED	-
REVISED	-

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
GOLFVIEW LANE**

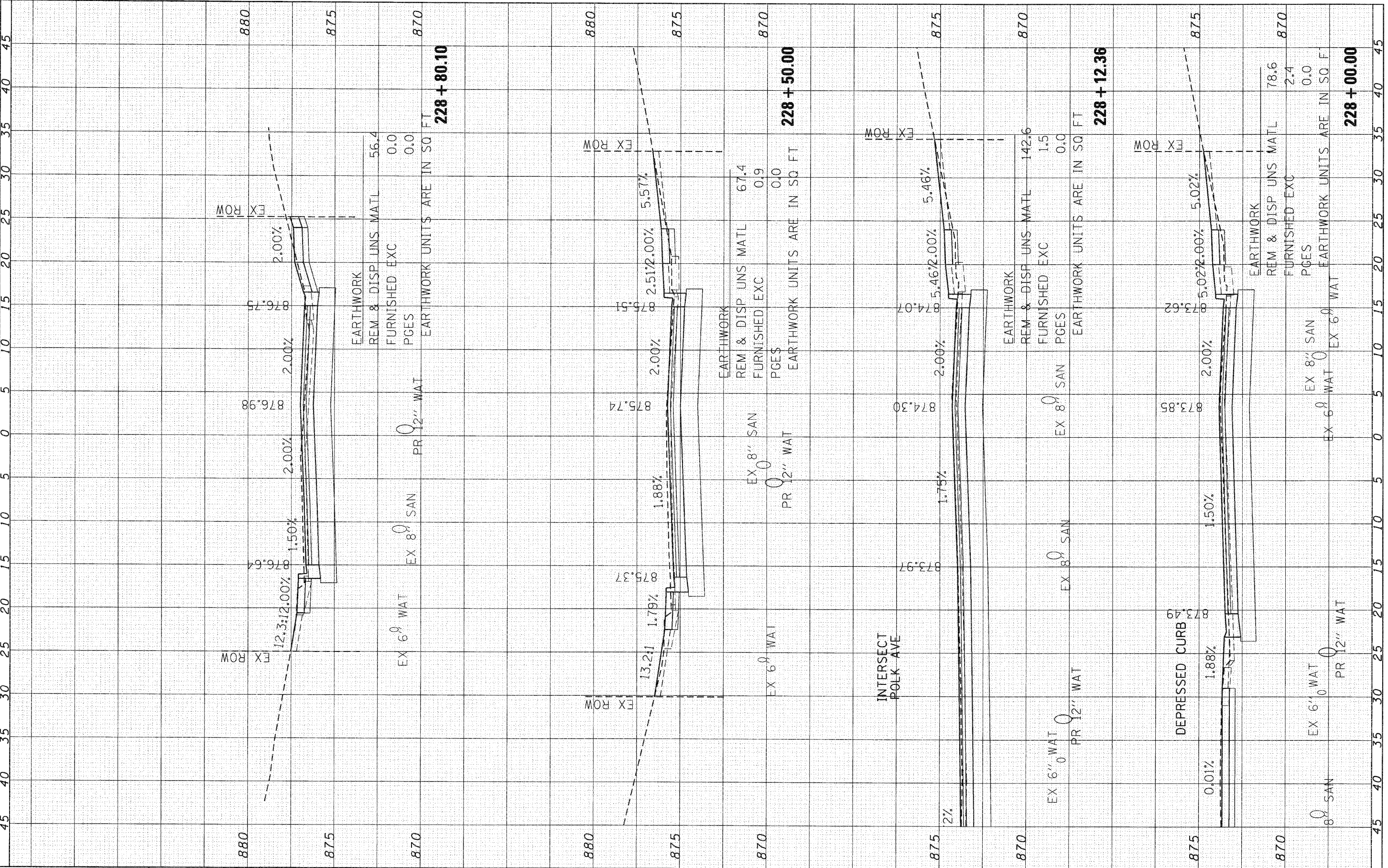
SCALE: 1" = 5' SHEET NO. 27 OF 34 SHEETS STA. 227+00.00 TO STA. 227+67.47

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	153
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			63504	

FINN	BY	DATE
SURVEY		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		

ORIGINAL	BY	DATE
SURVEY		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		

SEC GROUP, INC.
 4. JAN
 VILLAGE OF CARPENTERSVILLE
 11/22/2010 12:00:59 PM
 06-00074-00-001
 a:standard-trans.tbl



SEC Group, Inc.
 430 N. Front Street
 Maitland, FL 32751-2108
 1-813-555-1770 • 407-896-1781
 www.secgroupinc.com
 •Maitland • Kissimmee • New Lakeland • Chicago

USER NAME = CHor-1ke	DESIGNED - C. HARTKE	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLOT DATE = 11/2/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

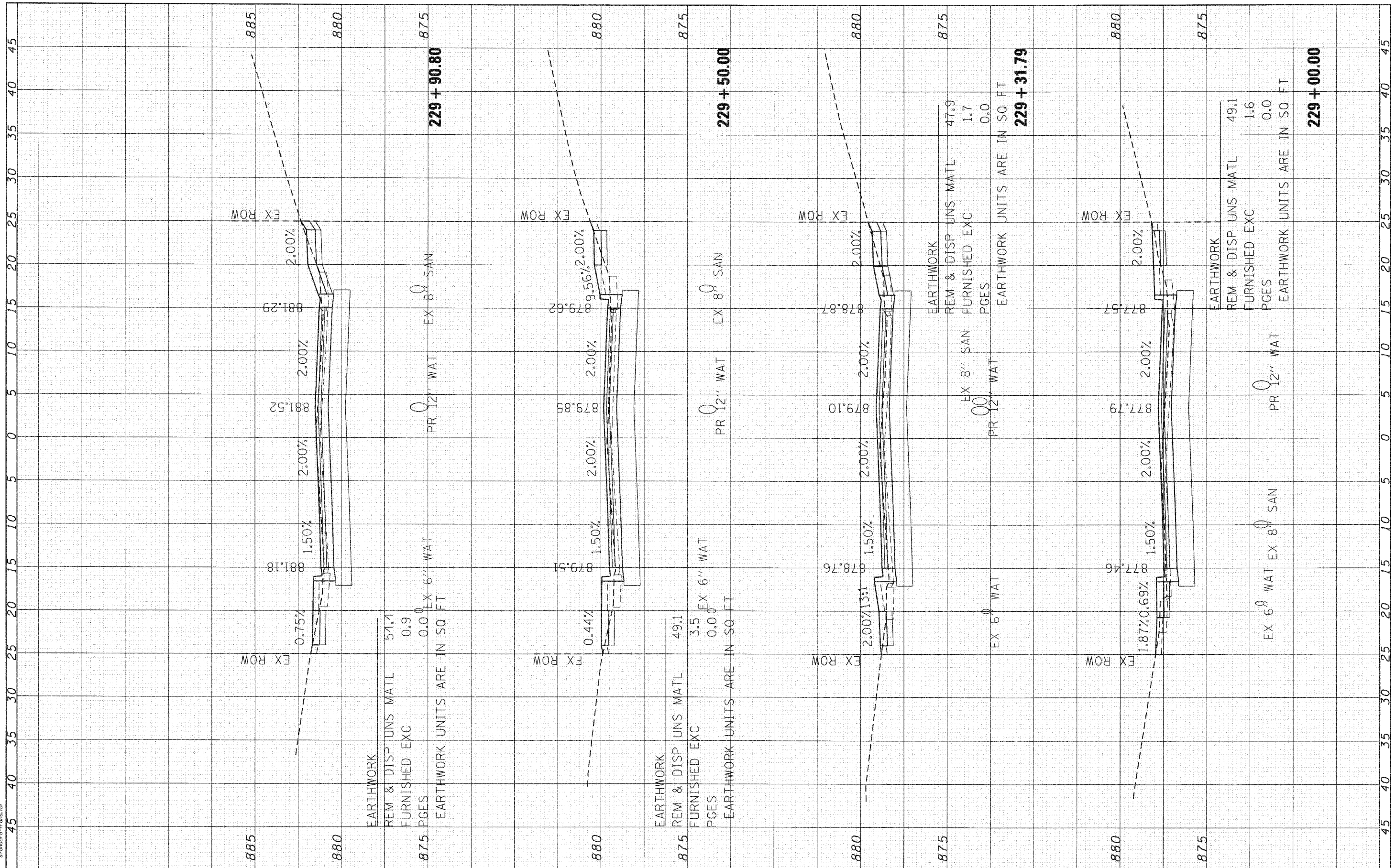
SCALE: 1" = 5' SHEET NO. 28 OF 34 SHEETS STA. 228+00.00 TO STA. 228+80.10

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	154
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			63504	

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:59:02 PM
 PLOT DIBLER: gregory.k@sec-grp.com
 PLOT TABLE: standard-trans.tbl

ORIGINAL SURVEY NO.
 SURVEY PLOTTED AREAS CHECKED

FINAL SURVEY NO.
 SURVEY PLOTTED AREAS CHECKED



SEC Group, Inc.
 An IIT Group Company
 620 N. First Street
 Moline, IL 62450-2158
 L 815.326.1779 F 815.326.1781
 www.secgroupinc.com
 secgroupinc.com

USER NAME = CHen-lee	DESIGNED - C. HARTKE	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLOT DATE = 11/22/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

CROSS SECTIONS
 GOLFVIEW LANE

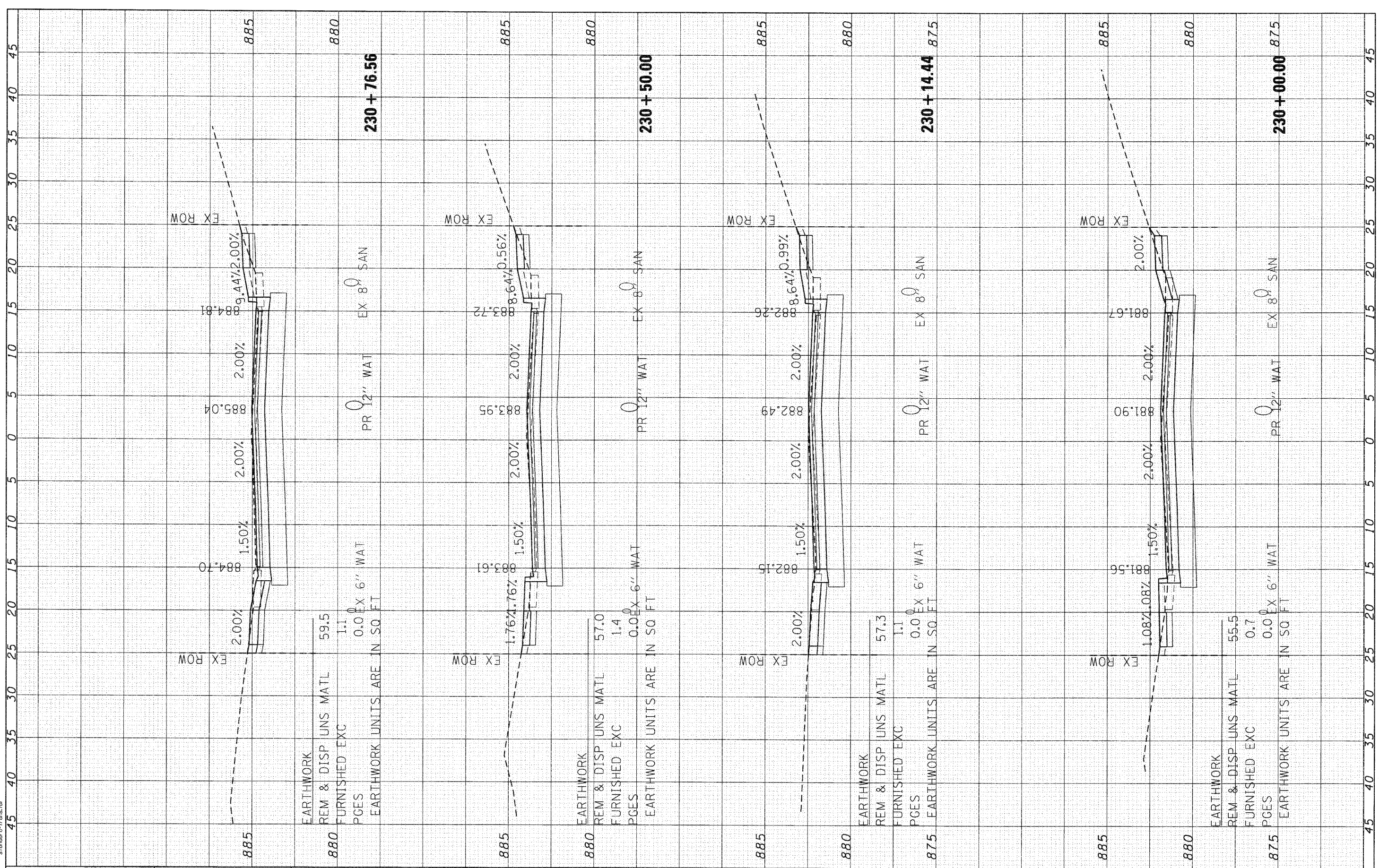
SCALE: 1" = 5' SHEET NO. 29 OF 34 SHEETS STA. 229+00.00 TO STA. 229+90.80

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	155
	FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504	
	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	63504	

FINN	BY	DATE
SURVEY		
NOTE BOOK		
NO.		

ORIGINAL	BY	DATE
SURVEY		
NOTE BOOK		
NO.		

SEC GROUP, INC.
 PROJECT CONTACT:
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:00:00 PM
 PLOT DRIVER: sec-ocd-10p
 PEN TABLE: standard-frans.tbl



SEC Group, Inc.
 420 N. First Street
 Maitland, FL 32751-2198
 1-813-381-1778 • 1-813-381-1781
 www.secgroup.com

USER NAME =	CHer-1ke		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

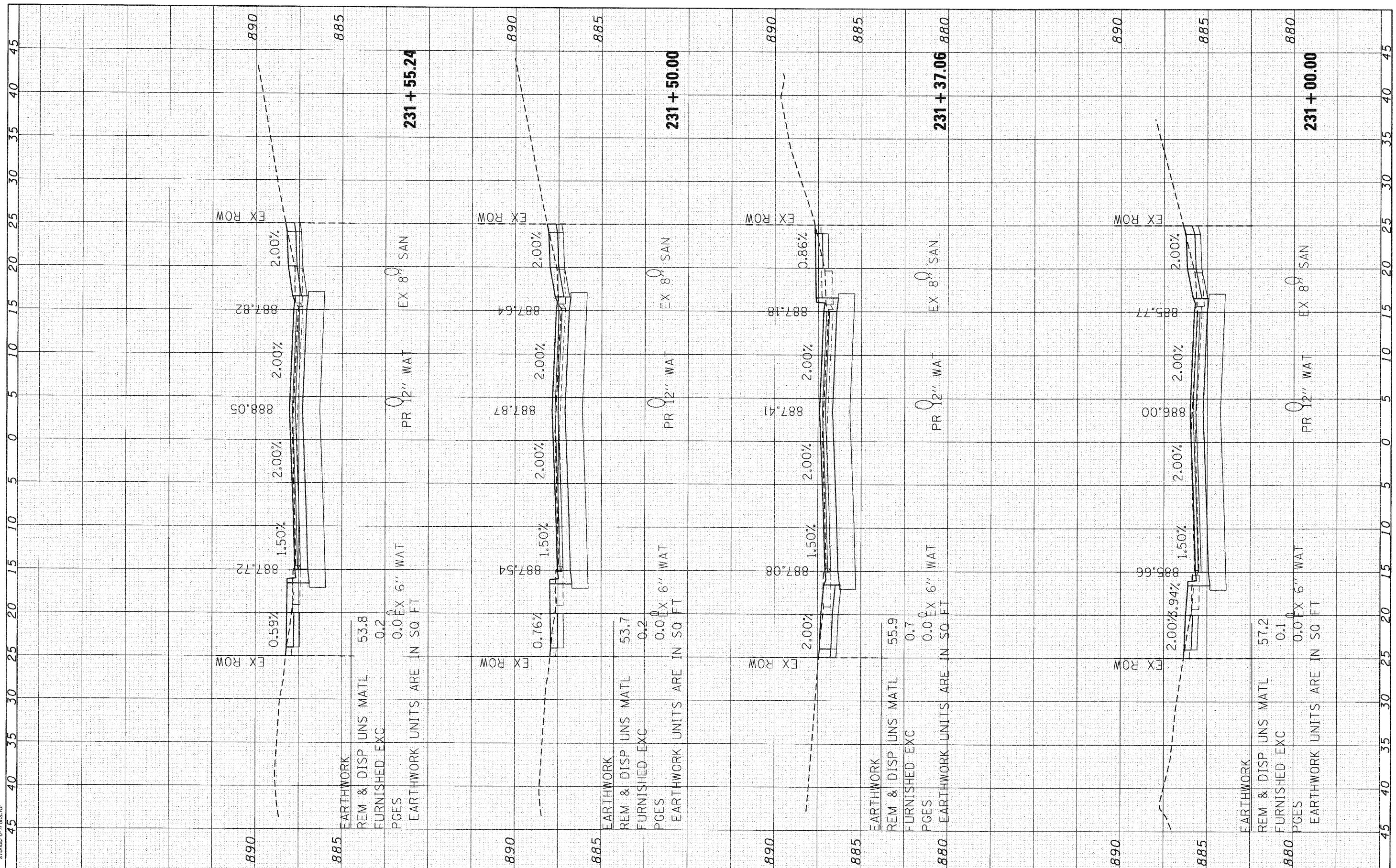
SCALE: 1" = 5' SHEET NO. 30 OF 34 SHEETS STA. 230+00.00 TO STA. 230+76.56

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	156
* FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		63504

FINAL SURVEY	BY	DATE
NO. _____		
NO. _____		
NO. _____		
NO. _____		
NO. _____		

ORIGINAL SURVEY	BY	DATE
NO. _____		
NO. _____		
NO. _____		
NO. _____		
NO. _____		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 10:00 AM
 PLOT DRIVER: sec_group.plt
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 420 N. First Street
 Maitland, FL 32751-2138
 1-813-961-1778 • 407-298-1781
 www.secgroup.com

USER NAME = CHartke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -
	PLOT SCALE = 1" = 5'	
	PLOT DATE = 11/2/2010	

VILLAGE OF CARPENTERSVILLE

CROSS SECTIONS
 GOLFVIEW LANE

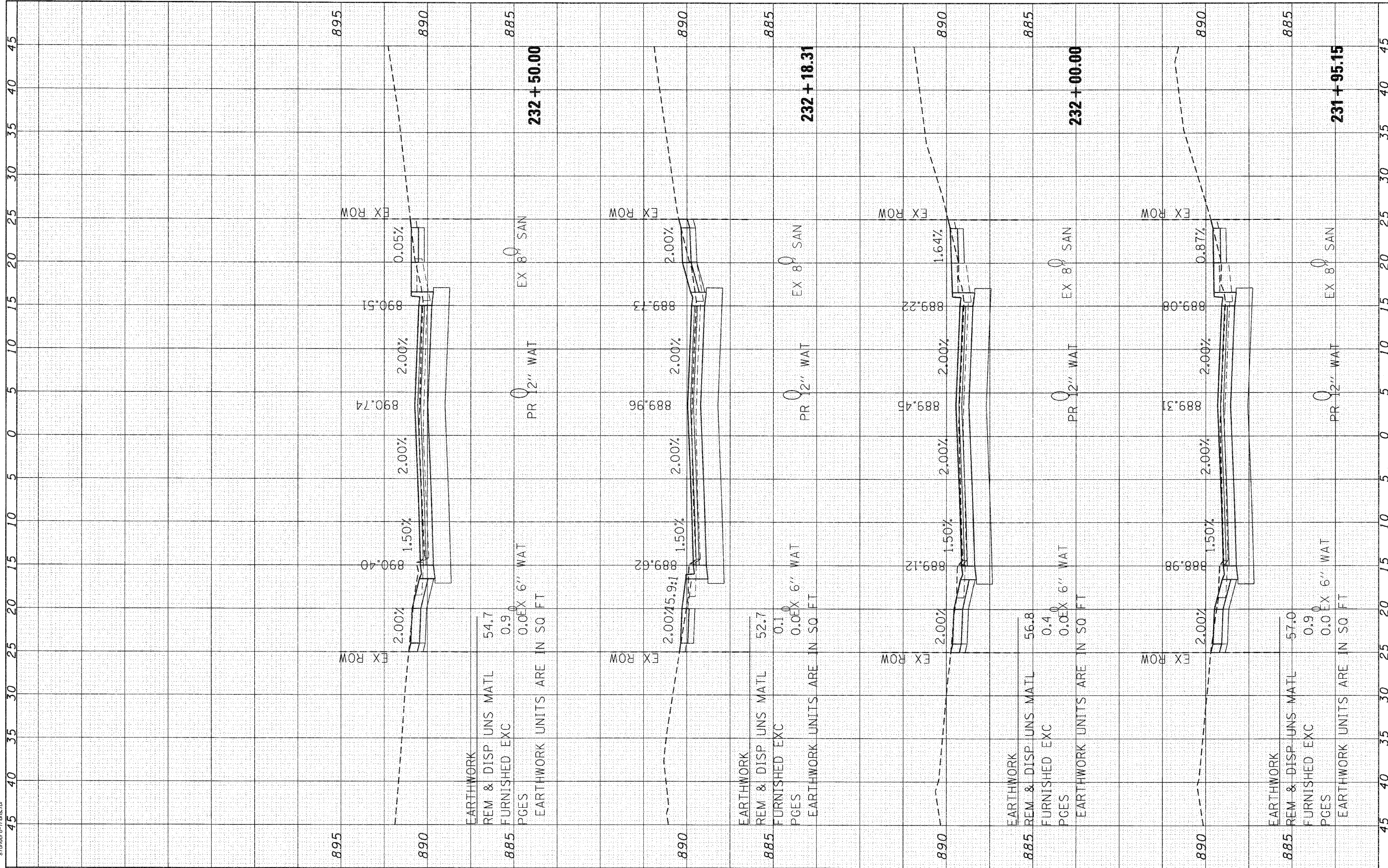
SCALE: 1" = 5' SHEET NO. 31 OF 34 SHEETS STA. 231+00.00 TO STA. 231+55.24

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	157
	FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		63504	

FINAL SURVEY	BT	DATE
SURVEY		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BT	DATE
SURVEY		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
NO.		

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:50:10 PM
 PLOT DRIVER: SEC-001-001
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 420 N. First Street
 Moline, IL 61704-2028
 L: 815.345.1778 E: 815.345.1781
 www.secgroupinc.com

USER NAME =	CHartke		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	
PLOT SCALE =	1" = 5'		
PLOT DATE =	11/2/2010		

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

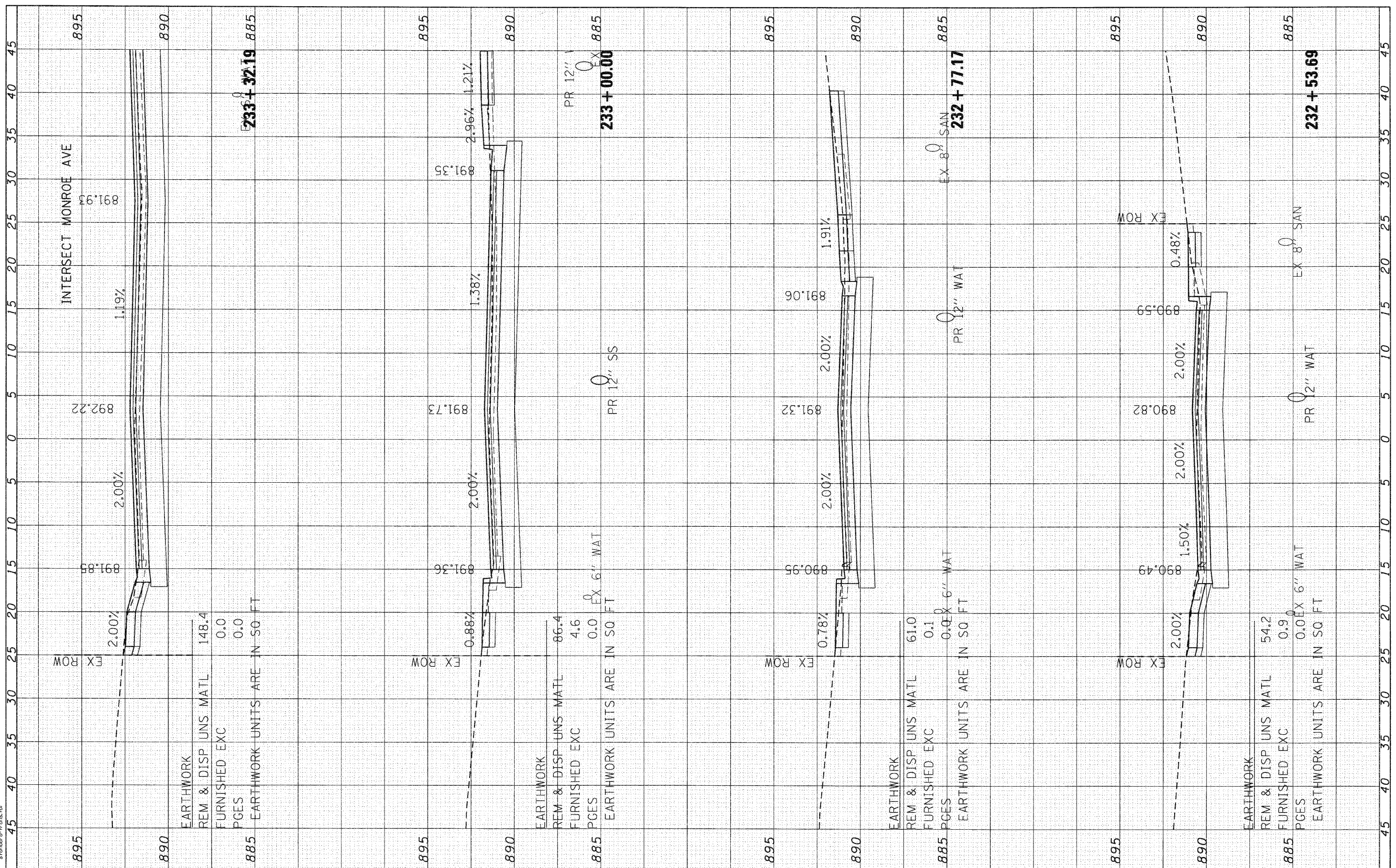
SCALE: 1" = 5' SHEET NO. 32 OF 34 SHEETS STA. 231+95.15 TO STA. 232+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	158
* FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	63504	

FINAL	DATE
SURVEY	BY
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	
AREAS CHECKED	
NO.	

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 10:02:10 PM
 PLOT DRIVER: 6060-PC-001-001
 PLOT TABLE: Standard-Trans.tbl



EARTHWORK	
REM & DISP UNS MATL	148.4
FURNISHED EXC	0.0
PGES	0.0
EARTHWORK UNITS ARE IN SO FT	

EARTHWORK	
REM & DISP UNS MATL	86.4
FURNISHED EXC	4.6
PGES	0.0
EARTHWORK UNITS ARE IN SO FT	

EARTHWORK	
REM & DISP UNS MATL	61.0
FURNISHED EXC	0.1
PGES	0.0
EARTHWORK UNITS ARE IN SO FT	

EARTHWORK	
REM & DISP UNS MATL	54.2
FURNISHED EXC	0.9
PGES	0.0
EARTHWORK UNITS ARE IN SO FT	

SEC Group, Inc.
 400 N. First Street
 Moline, IL 61704-2136
 L 313.363.1770 F 313.363.1781
 www.secgroupinc.com

USER NAME	= Dhartke
DESIGNED	- C. HARTKE
DRAWN	- R. BEST
CHECKED	- T. HAMILTON
DATE	- 10/25/10
REVISED	-
REVISED	-
REVISED	-

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

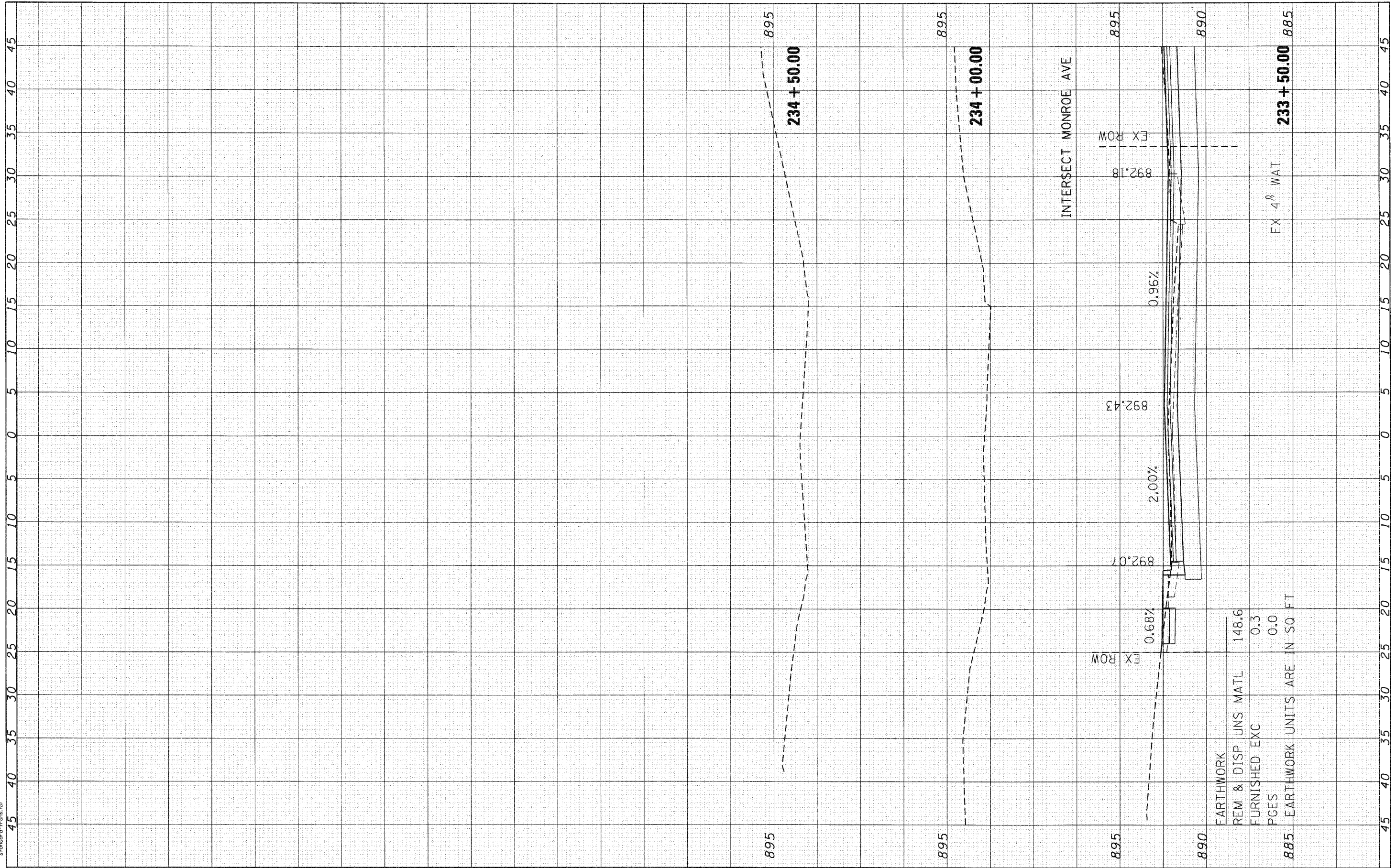
SCALE: 1" = 5' SHEET NO. 33 OF 34 SHEETS STA. 232+53.69 TO STA. 233+32.19

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	159
* FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		63504

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:05:15 PM
 PLOT DRIVER: 890256-1SEC-GOLF.dgn
 PEN TABLE: 616order.ctb-trans.tbl



SEC Group, Inc.
 A 100% Group Company
 420 N. First Street
 Milwaukee, WI 53202-1000
 T 414.363.1778 F 414.363.1781
 www.secgroupinc.com
 *Member of the SEC Group, Inc. - New London, CT - Chicago, IL

USER NAME =	CHARTKE		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	
PLOT SCALE =	1" = 5'		
PLOT DATE =	11/22/2010		

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 GOLFVIEW LANE**

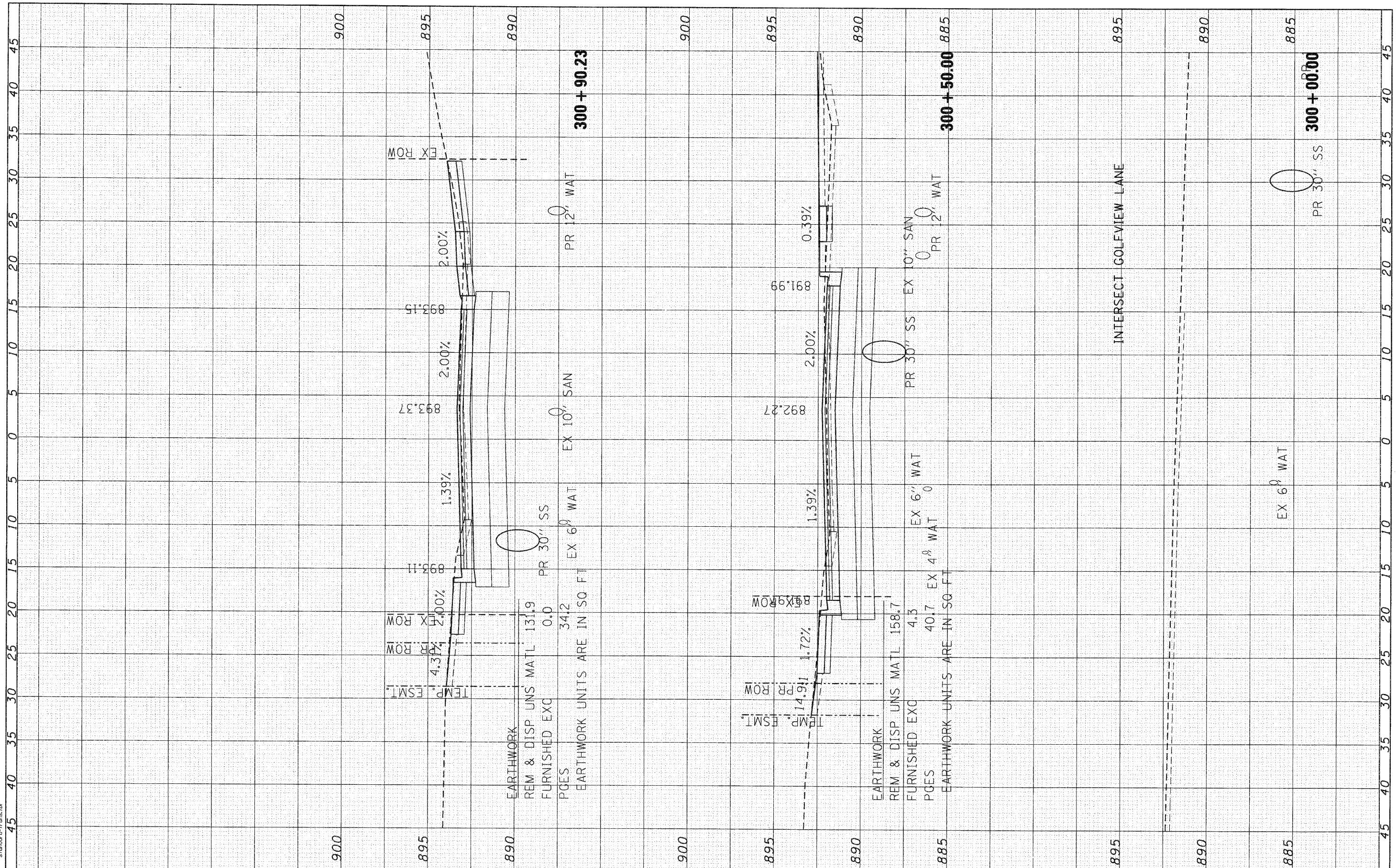
SCALE: 1" = 5' SHEET NO. 34 OF 34 SHEETS STA. 233+50.00 TO STA. 234+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	160
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			63504	

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		
NO.		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2018 12:08:16 PM
 PLOT DRIVER: pldrvr - SEC-MONROE.DGN
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 40 HR Green Company
 420 N. First Street
 Maitland, FL 32751-2108
 L 407.886.1779 F 407.886.1781
 www.secgroup.com
 Military • Healthcare • New Mexico • Chicago

USER NAME =	Chrtke
DESIGNED -	C. HARTKE
DRAWN -	R. BEST
CHECKED -	T. HAMILTON
DATE -	10/25/10
REVISED -	
REVISED -	
REVISED -	
REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

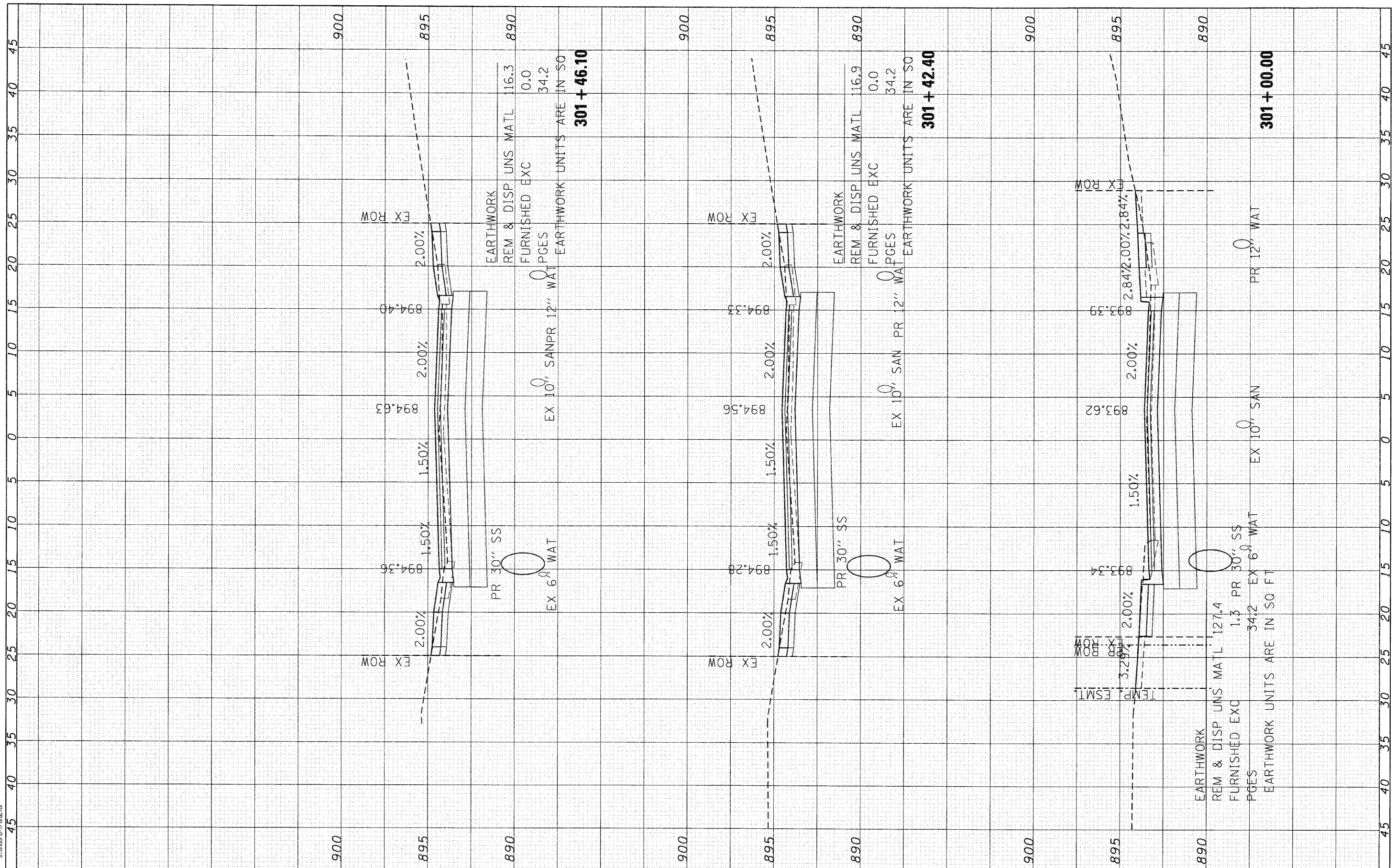
SCALE: 1" = 5' SHEET NO. 1 OF 24 SHEETS STA. 300+00.00 TO STA. 300+90.23

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	161
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			63504	

FINAL SURVEY	BY	DATE
NO. _____		
NOTED BOOK		
PLATE		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
NO. _____		
NOTED BOOK		
PLATE		
AREAS CHECKED		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2018
 PLOT DRIVER: J. HAMILTON
 PEN TABLE: Standard-Forms.tbl



SEC Group, Inc.
 An HNTB Group Company
 425 N. Front Street
 Milwaukee, WI 53202-2158
 T 414.396.1779 F 414.396.1781
 www.secgrouppro.com

USER NAME =	CHARTKE
DESIGNED -	C. HARTKE
DRAWN -	R. BEST
CHECKED -	T. HAMILTON
DATE -	10/25/10
REVISIONS	
REVISED -	
REVISED -	
REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

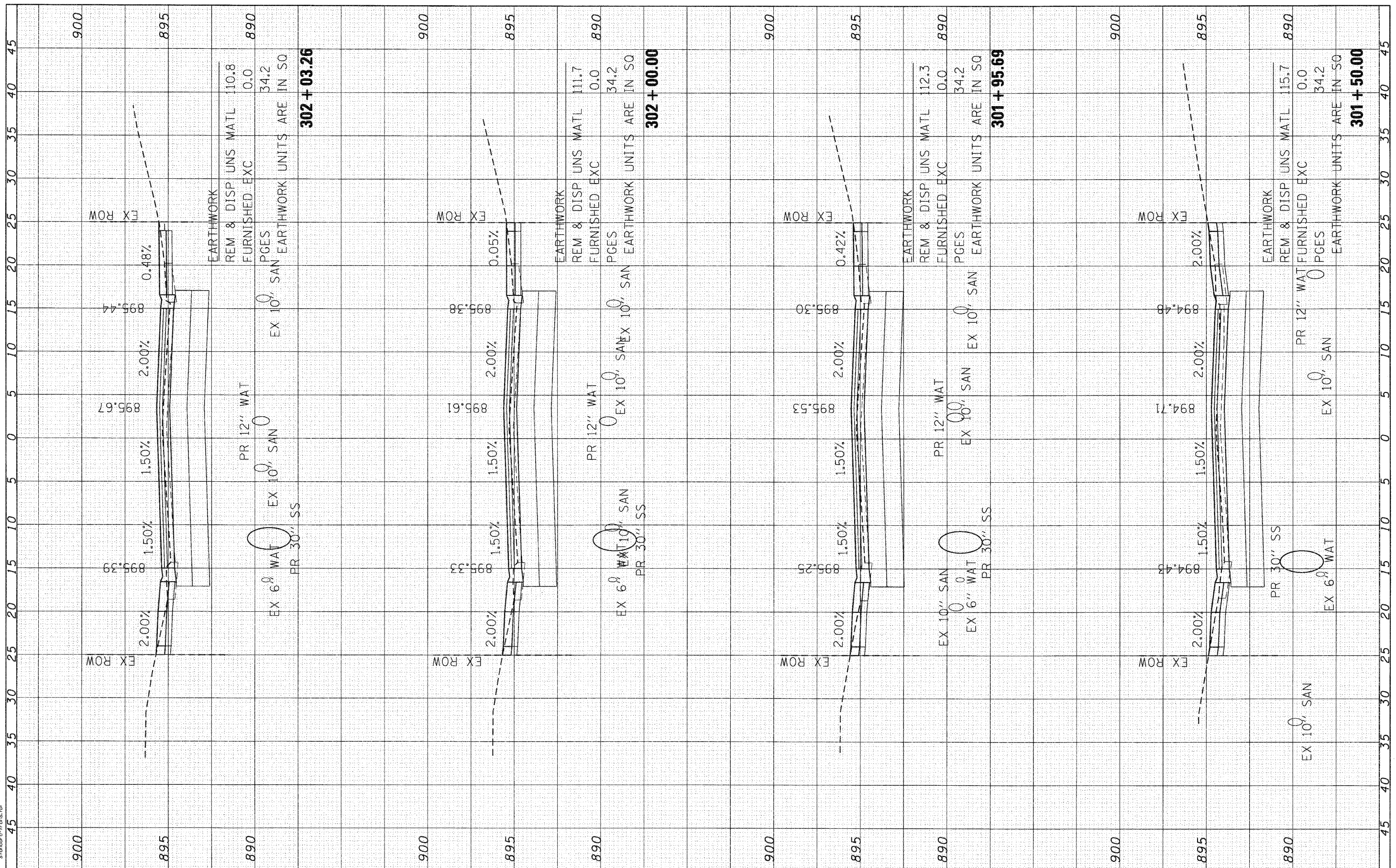
SCALE: 1" = 5' SHEET NO. 2 OF 24 SHEETS STA. 301+00.00 TO STA. 301+46.10

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	162
* FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		63504

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 10:52:27 AM
 PLOT DRIVER: PASC. MORRISON
 PEN TABLE: standard-frans.tbl



SEC Group, Inc.
 420 N. Park Street
 Chicago, IL 60610-3138
 L 815.386.1770 F 815.386.1751
 www.secgroupinc.com

USER NAME = C:\he-ike	DESIGNED - C. HARTKE	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLOT DATE = 11/2/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

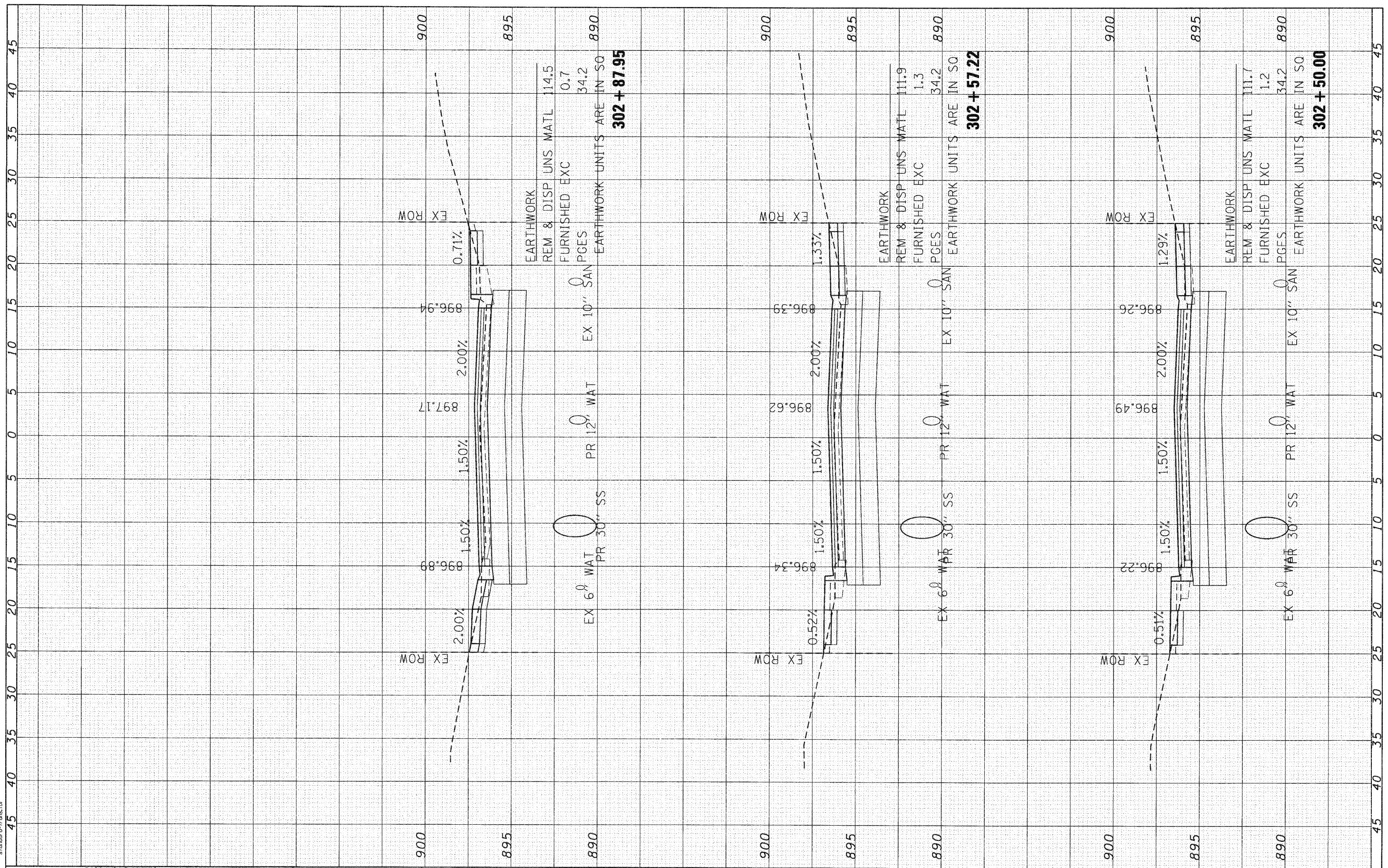
SCALE: 1" = 5' SHEET NO. 3 OF 24 SHEETS STA. 301+50.00 TO STA. 302+03.26

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• FAU 2414, FAU 1280, FAP 343	06-00074-00-PP	KANE	211	163
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	63504	63504

FINAL SURVEY	BY	DATE
NO. _____	_____	_____
NO. _____	_____	_____
NO. _____	_____	_____
NO. _____	_____	_____

ORIGINAL SURVEY	BY	DATE
NO. _____	_____	_____
NO. _____	_____	_____
NO. _____	_____	_____
NO. _____	_____	_____

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:02:25 PM
 PLOT DRIVER: SEC-MONROE.DWG
 PEN TABLE: Standard-Trans.tbl



SEC Group, Inc.
 A 100% Green Company
 420 N. Front Street
 Maitland, FL 32751-2108
 T. 407.885.1778 F. 407.885.1781
 www.secgroupinc.com

USER NAME = CHartke	DESIGNED - C. HARTKE	REVISED -
PLLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLLOT DATE = 11/22/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
MONROE AVENUE**

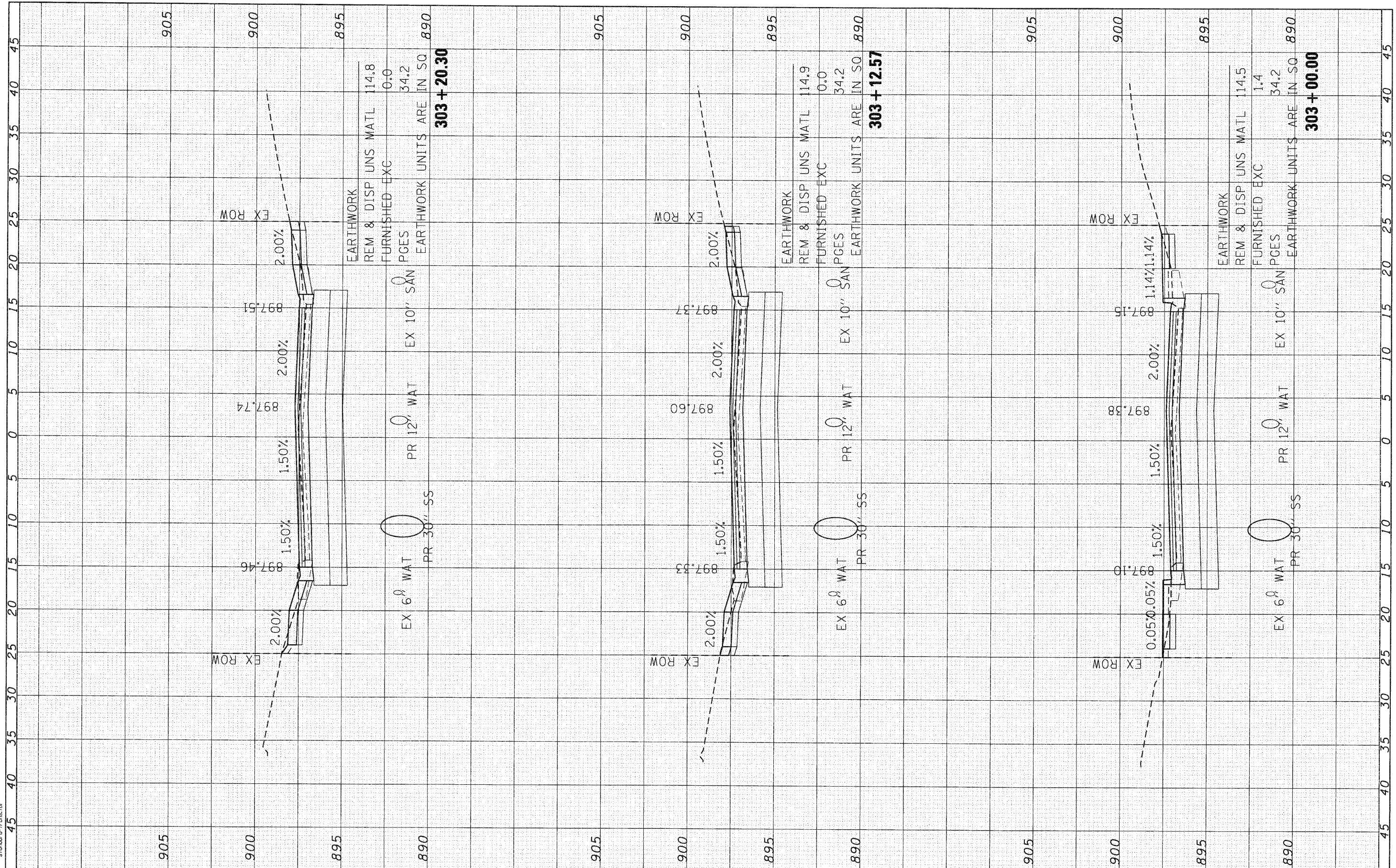
SCALE: 1" = 5' SHEET NO. 4 OF 24 SHEETS STA. 302+50.00 TO STA. 302+87.95

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	164
* FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	63504	

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE: 10/22/2010 12:02:27 PM
 FILE NAME: 06-00074-00-FP
 PLOT DRIVER: pcfplot
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 A Hill Group Company
 420 N. First Street
 Maitland, FL 32751-2136
 P: 407.255.1700 F: 407.255.1701
 www.secgroupinc.com
 Maitland, FL • Orlando, FL • New Lanark, VA • Chicago, IL

USER NAME =	Cher-ck
DESIGNED -	C. HARTKE
DRAWN -	R. BEST
CHECKED -	T. HAMILTON
DATE -	10/25/10
REVISIONS	
REVISED -	
REVISED -	
REVISED -	

REMOVED	114.8
FURNISHED EXC	0.0
PCES	34.2
EARTHWORK UNITS ARE IN SQ	890
303 + 20.30	
REMOVED	114.9
FURNISHED EXC	0.0
PCES	34.2
EARTHWORK UNITS ARE IN SQ	890
303 + 12.57	
REMOVED	114.5
FURNISHED EXC	1.4
PCES	34.2
EARTHWORK UNITS ARE IN SQ	890
303 + 00.00	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
MONROE AVENUE**

SCALE: 1" = 5' SHEET NO. 5 OF 24 SHEETS STA. 303+00.00 TO STA. 303+20.30

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	165
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT 63504				

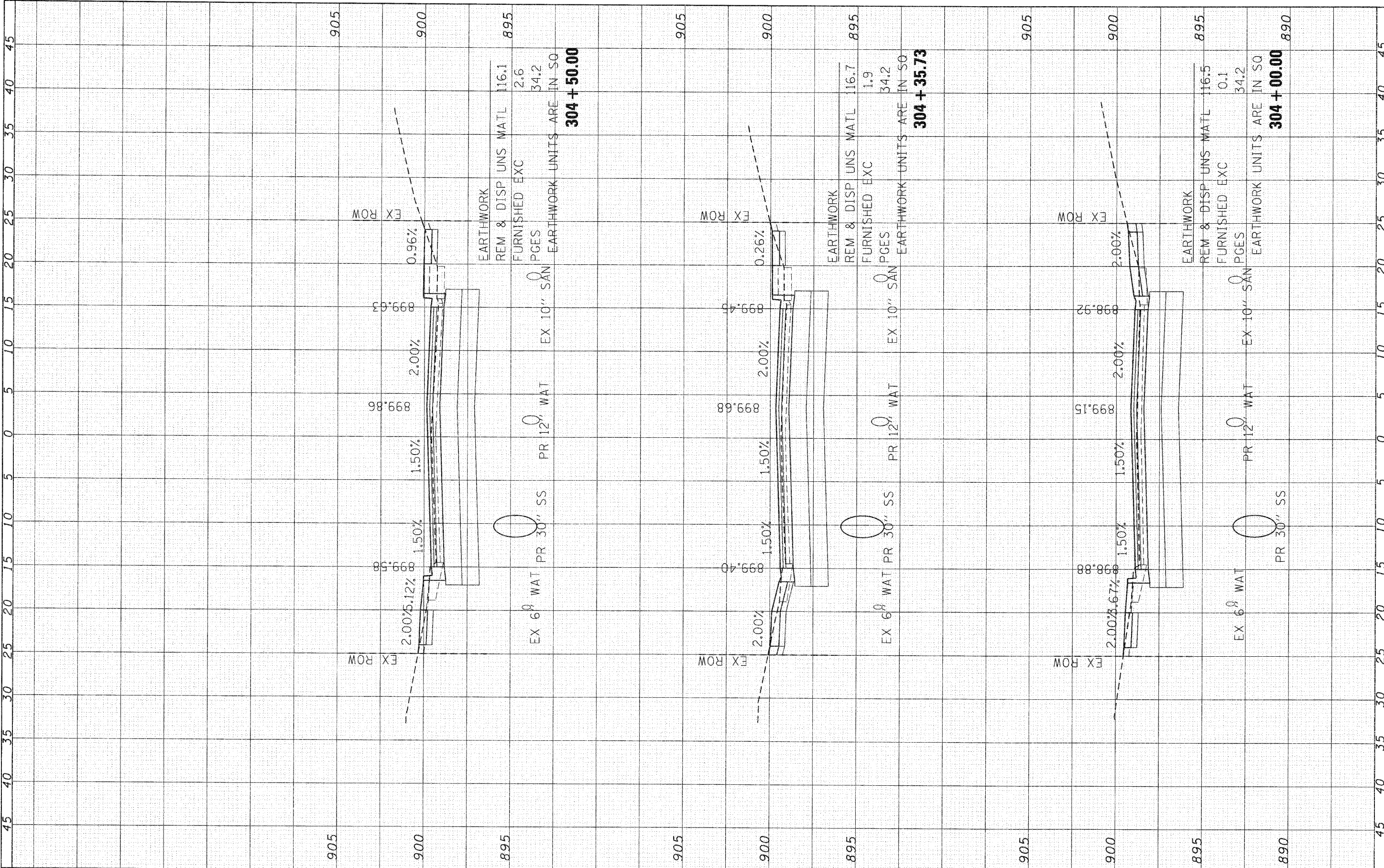
COMPANY NAME: SEC GROUP, INC.

PROJECT CONTACT: A. JAHN
CLIENT: VILLAGE OF CARPENTERSVILLE
DATE PLOTTED: 11/2/2010 12:51:32 PM
PLOT DRIVER: SEC-MONROE.DWG
PEN TABLE: Standard Icons.tbl

ORIGINAL SURVEY PLOTTED
NOTE BOOK NO.
AREAS CHECKED

FINAL SURVEY PLOTTED
NOTE BOOK NO.
AREAS CHECKED

BY: _____ DATE: _____



SEC Group, Inc.
 420 N. First Street
 Moline, IL 61704
 L 815.345.1778 F 815.345.1791
 www.secgroupinc.com

USER NAME = CHartke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
MONROE AVENUE**

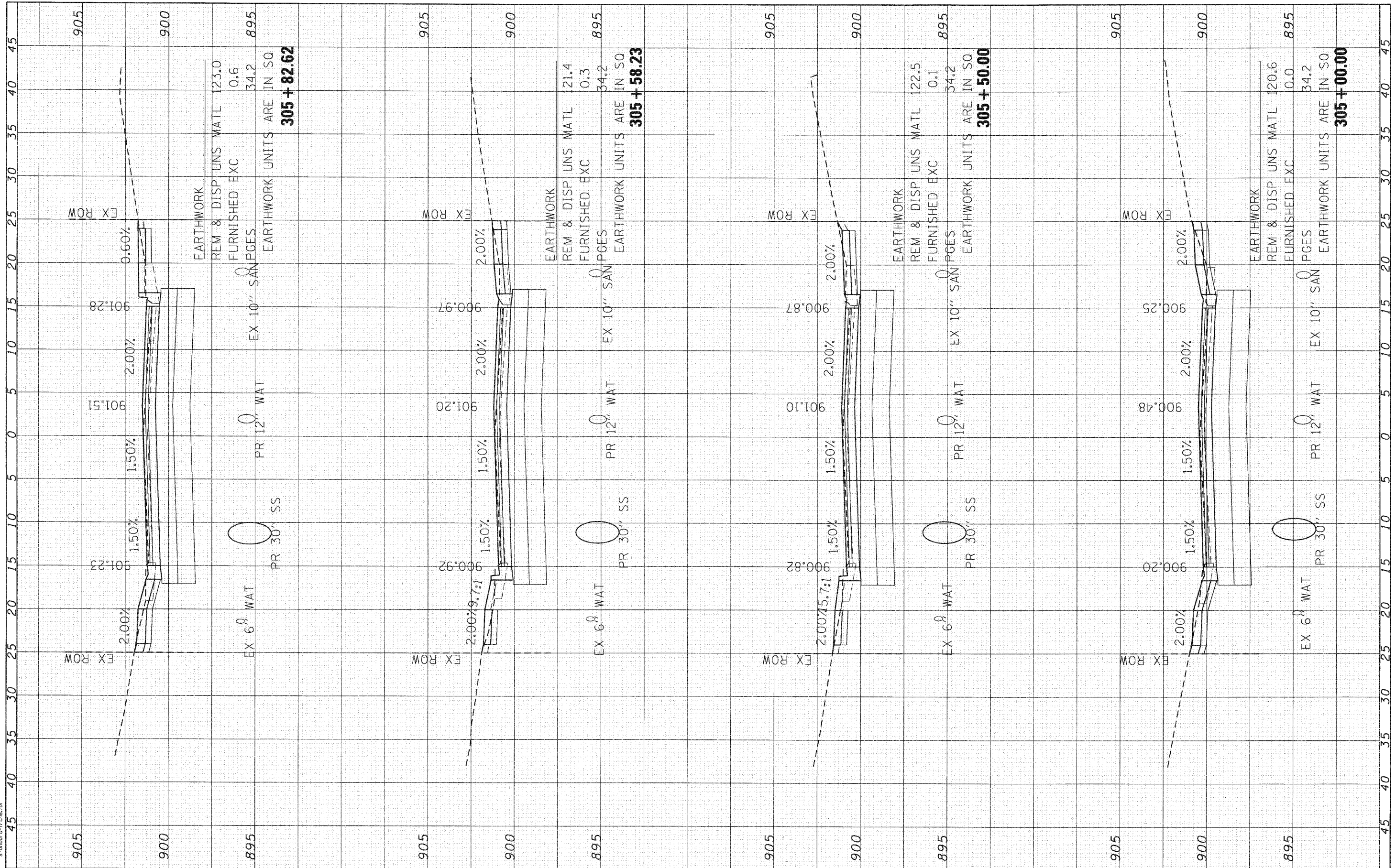
SCALE: 1" = 5' SHEET NO. 7 OF 24 SHEETS STA. 304+00.00 TO STA. 304+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	167
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT 63504	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
EXEMPTED		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		
NO.		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. MAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:51:33 PM
 PLOT DRIVER: C:\WINDOWS\SYSTEM32\cmd.exe /c sec-plotter.pln
 PEN TABLE: s:\tools\dr-francis.tbl



SEC Group, Inc.
 An ITC Group Company
 420 N. First Street
 Madison, WI 53703-2000
 L 608.261.8778 F 608.261.1781
 www.secgroupinc.com
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USER NAME	= Dhertke		
DESIGNED	- C. HARTKE	REVISED	-
DRAWN	- R. BEST	REVISED	-
CHECKED	- T. HAMILTON	REVISED	-
DATE	- 10/25/10	REVISED	-
PLLOT SCALE	= 1" = 5'		
PLLOT DATE	= 11/2/2010		

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

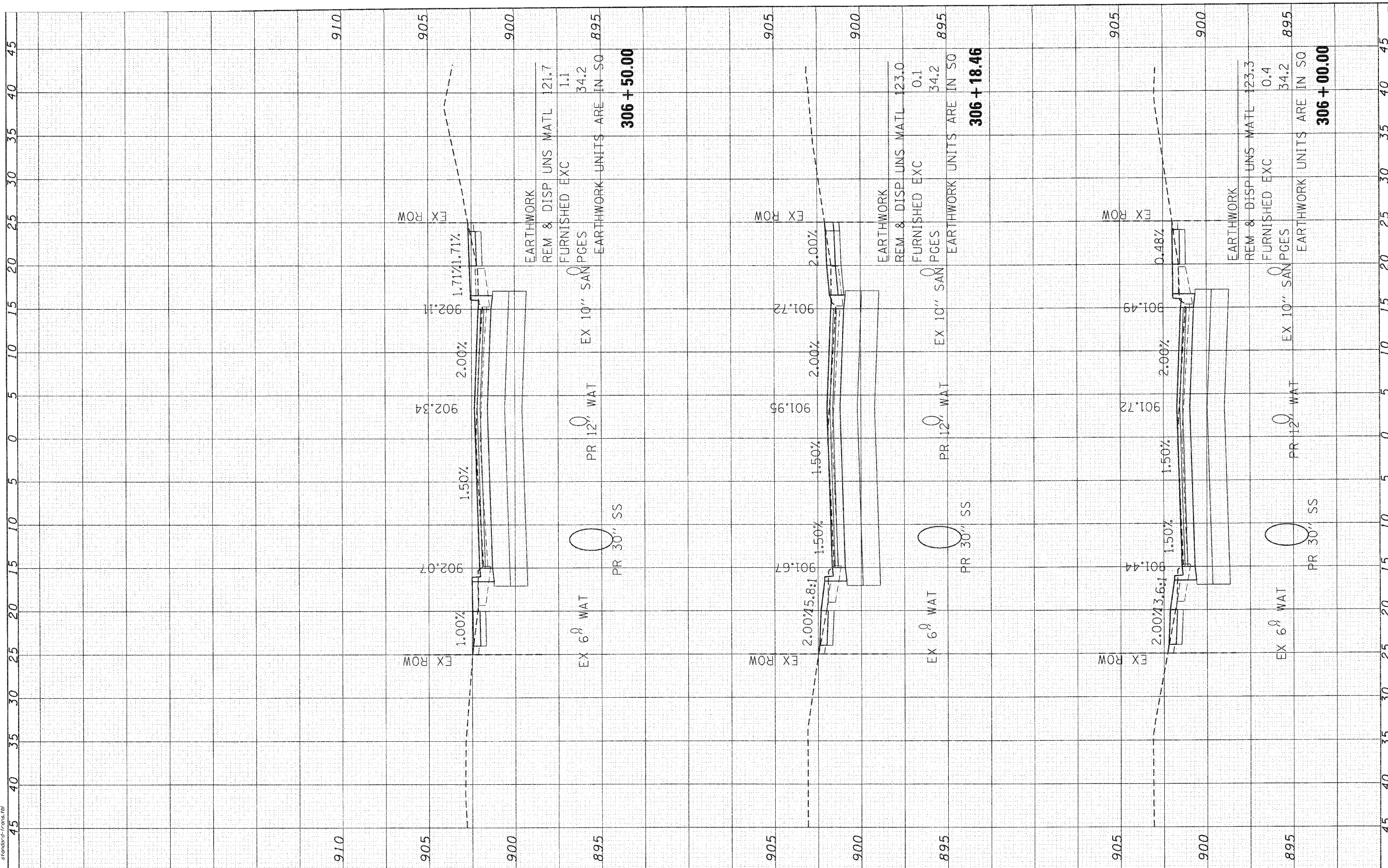
SCALE: 1" = 5' SHEET NO. 8 OF 24 SHEETS STA. 305+00.00 TO STA. 305+82.62

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	168
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	63504	

FINAL SURVEY PLOTTED AREAS CHECKED

ORIGINAL SURVEY PLOTTED AREAS CHECKED

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:51:37 PM
 FILE NAME: 080206-KSCC-MONROE.DGN
 PLOT DRIVER: pldrvr
 PEN TABLE: standard-trans.tbl



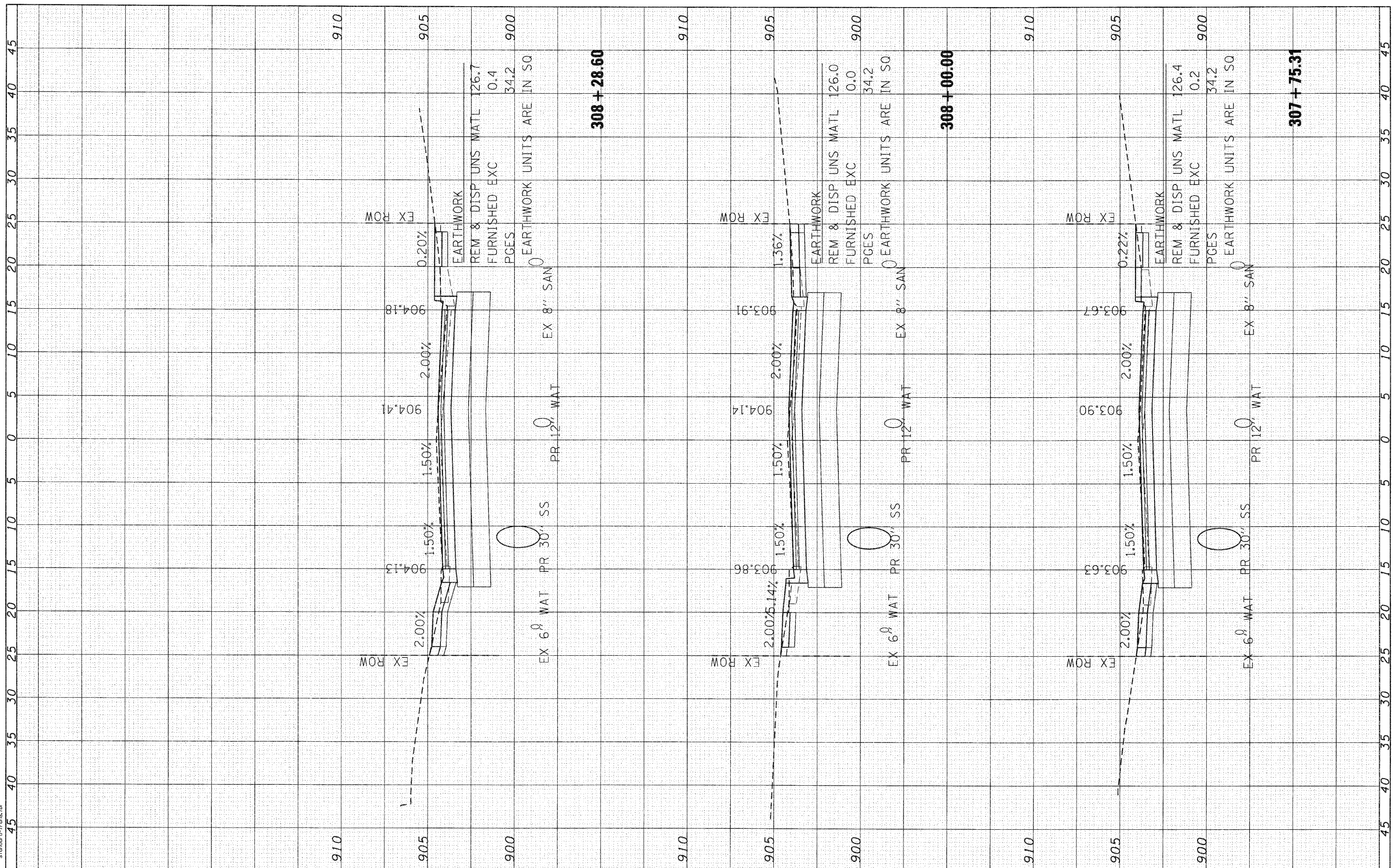
SEC Group, Inc. <small>An HDR Group Company</small> <small>2010 First Street</small> <small>Madison, IL 60090-2138</small> <small>Tel: 630.585.1770 • Fax: 630.585.1781</small> <small>www.secgroup.com</small>		USER NAME = Charthe PLOT SCALE = 1" = 5' PLOT DATE = 11/22/2010	DESIGNED - C. HARTKE DRAWN - R. BEST CHECKED - T. HAMILTON DATE - 10/25/10	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF CARPENTERSVILLE	CROSS SECTIONS MONROE AVENUE	F.A. RTE. • SECTION 06-00074-00-FP COUNTY KANE TOTAL SHEETS 211 SHEET NO. 169	CONTRACT NO. 63504 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 63504
---	--	---	---	--	-----------------------------------	---	---	---

SCALE: 1" = 5' SHEET NO. 9 OF 24 SHEETS STA. 306+00.00 TO STA. 306+50.00

FINISH	DATE
SURVEY	BY
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2018 10:42 AM
 PLOT DRIVER: PASC WASHINGTON
 PEN TABLE: standard-frams.ttl



SEC Group, Inc.
 An HDR Group Company
 420 N. Front Street
 Maitland, IL 60151-1198
 L: 618.262.1778 F: 618.262.1781
 www.secgroupinc.com
 Maitland, IL - Yorkville, IL - New York, NY - Chicago, IL

USER NAME = CHartke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -
PLOT SCALE = 1" = 5'		
PLOT DATE = 11/22/2018		

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

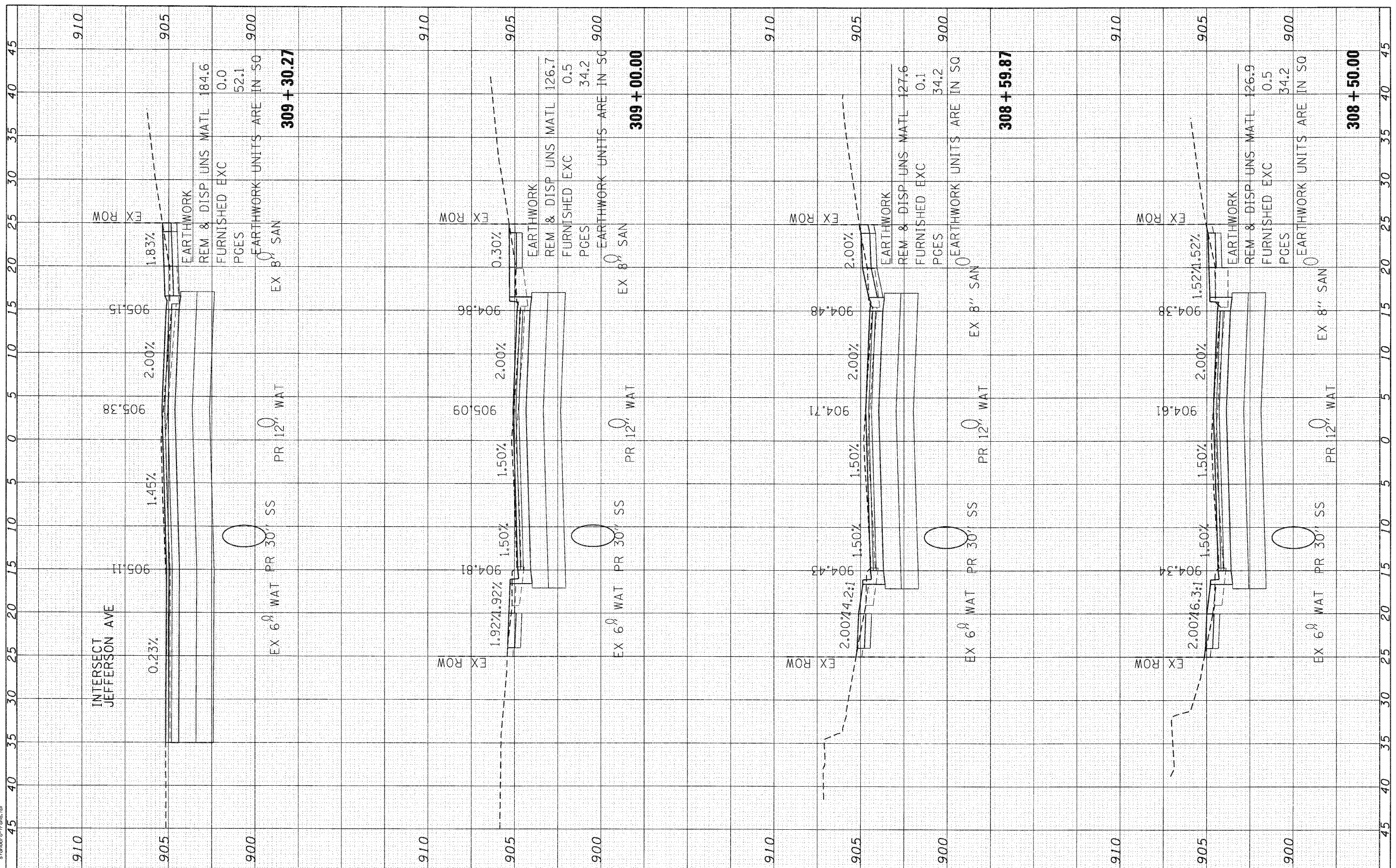
SCALE: 1" = 5' SHEET NO. 11 OF 24 SHEETS STA. 307+75.31 TO STA. 308+28.60

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	171
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT 63504	

FINAL SURVEY	DATE
NOTE BOOK	BY
TEMPLATE	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
NOTE BOOK	BY
TEMPLATE	
AREAS CHECKED	
NO.	

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:54:45 PM
 PLOT DRIVER: SEC-WINDZLON
 PEN TABLE: s-transfer-trans.tbl



SEC Group, Inc.
 An ITR Group Company
 420 N. First Street
 Metairie, LA 70002-3129
 L 504.885.1770 F 504.885.1761
 www.secgroup.com

USER NAME = CHa-1ke	DESIGNED - C. HARTKE	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLOT DATE = 11/2/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

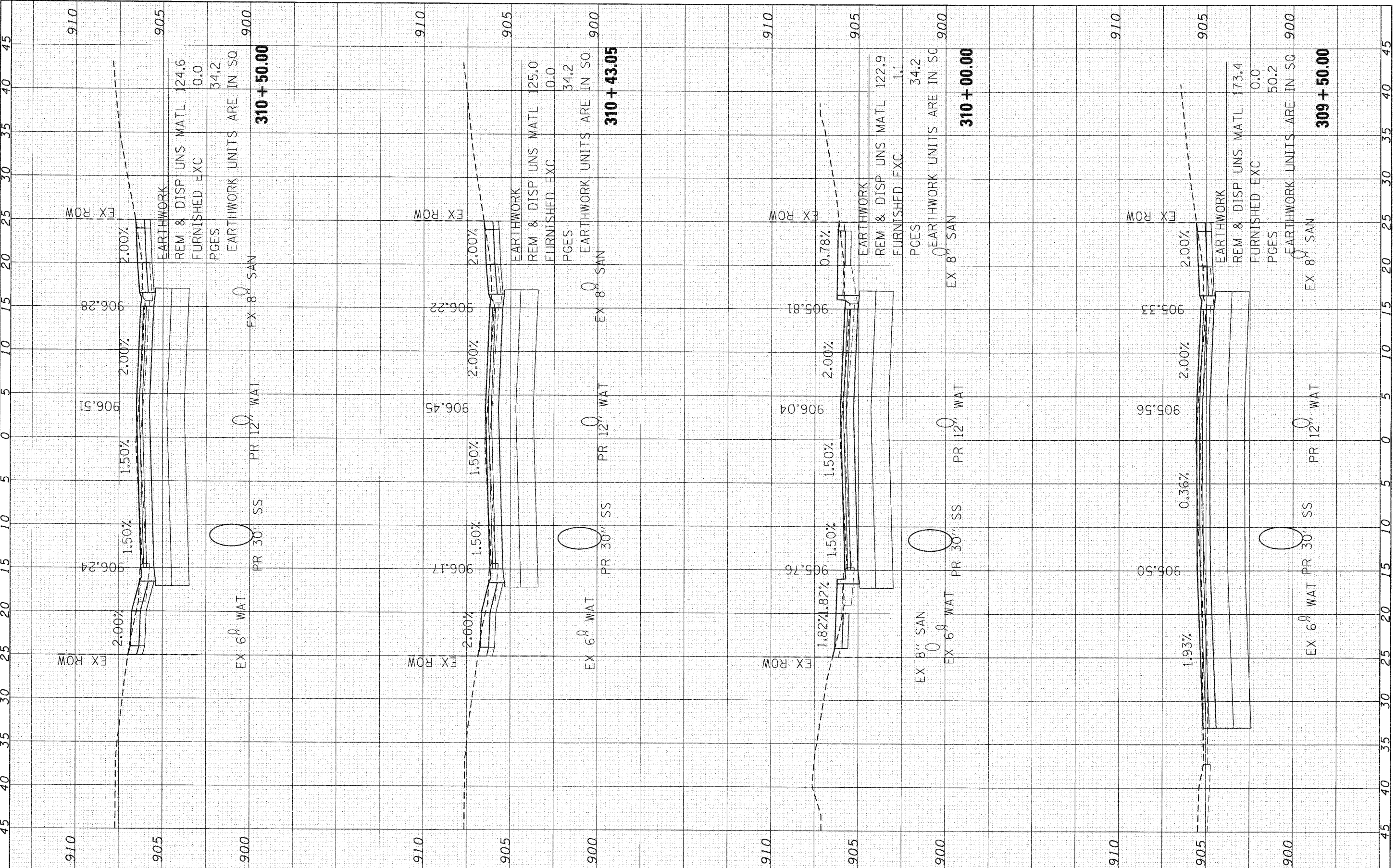
CROSS SECTIONS	
MONROE AVENUE	
SCALE: 1" = 5'	SHEET NO. 12 OF 24 SHEETS
STA. 308+50.00 TO STA. 309+30.27	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	172
* FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	63504	

FINAL SURVEY	BY	DATE
NOTED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
NOTED		
NOTE BOOK		
NO.		

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 10:47 AM
 PLOT DRIVER: J. SEC-MONROE/AV
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 An IFC Group Company
 420 N. First Street
 Maitland, IL 60055-5158
 1-815-345-1770 • 815-345-1781
 www.secgroup.com

USER NAME =	CHARTKE		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

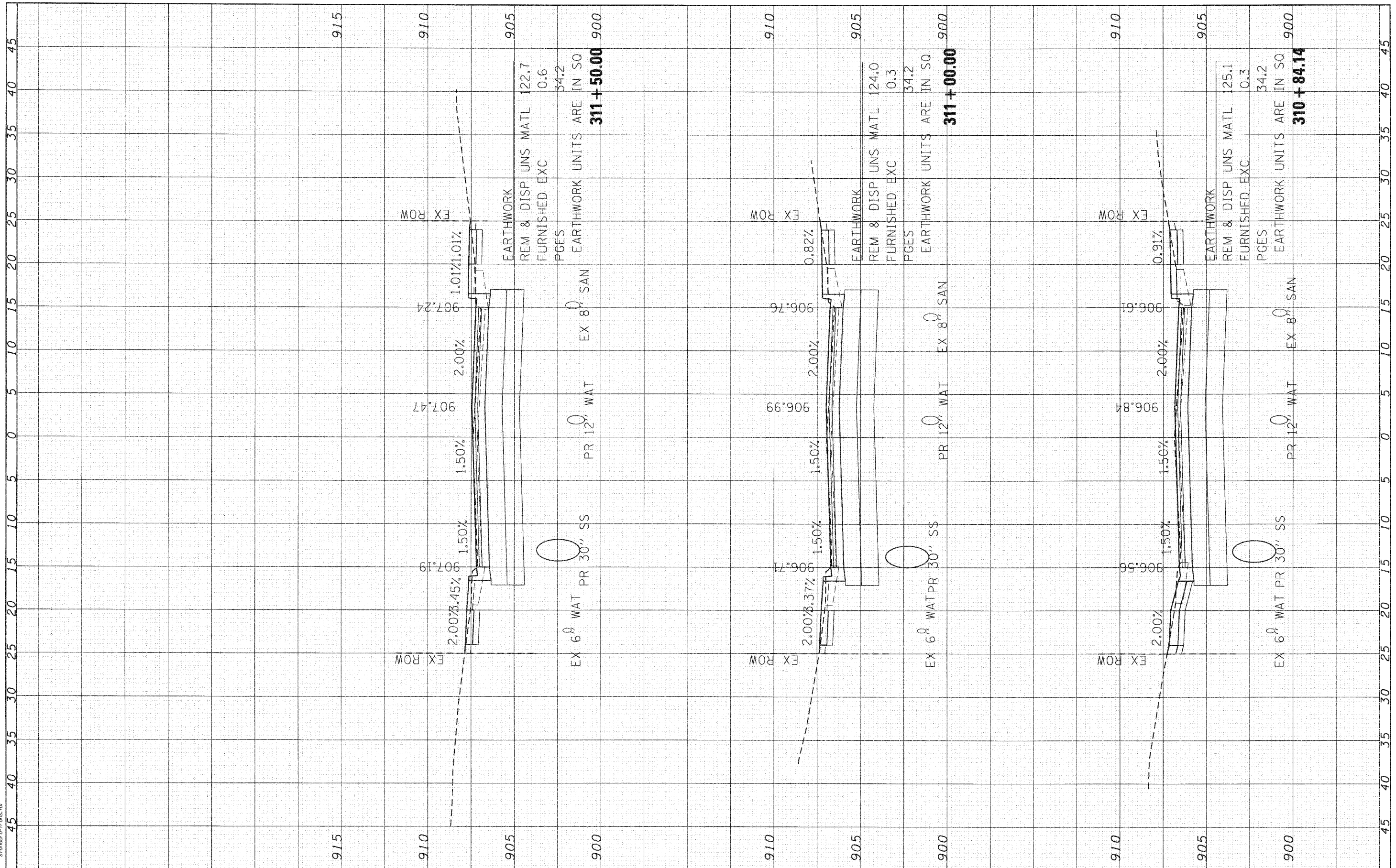
SCALE: 1" = 5' SHEET NO. 13 OF 24 SHEETS STA. 309+50.00 TO STA. 310+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	173
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	63504	

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

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

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/2/2010 12:50:50 PM
 PLOT DRIVER: secgrp@secgroup.com
 PEN TABLE: secgrp@secgroup.com



SEC Group, Inc.
 11111 Old Orchard Road
 Skokie, IL 60077-3208
 Tel: 847.470.1100 Fax: 847.470.1101
 www.secgroup.com

USER NAME =	CHARTKE
DESIGNED -	C. HARTKE
DRAWN -	R. BEST
CHECKED -	T. HAMILTON
DATE -	10/25/10
REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

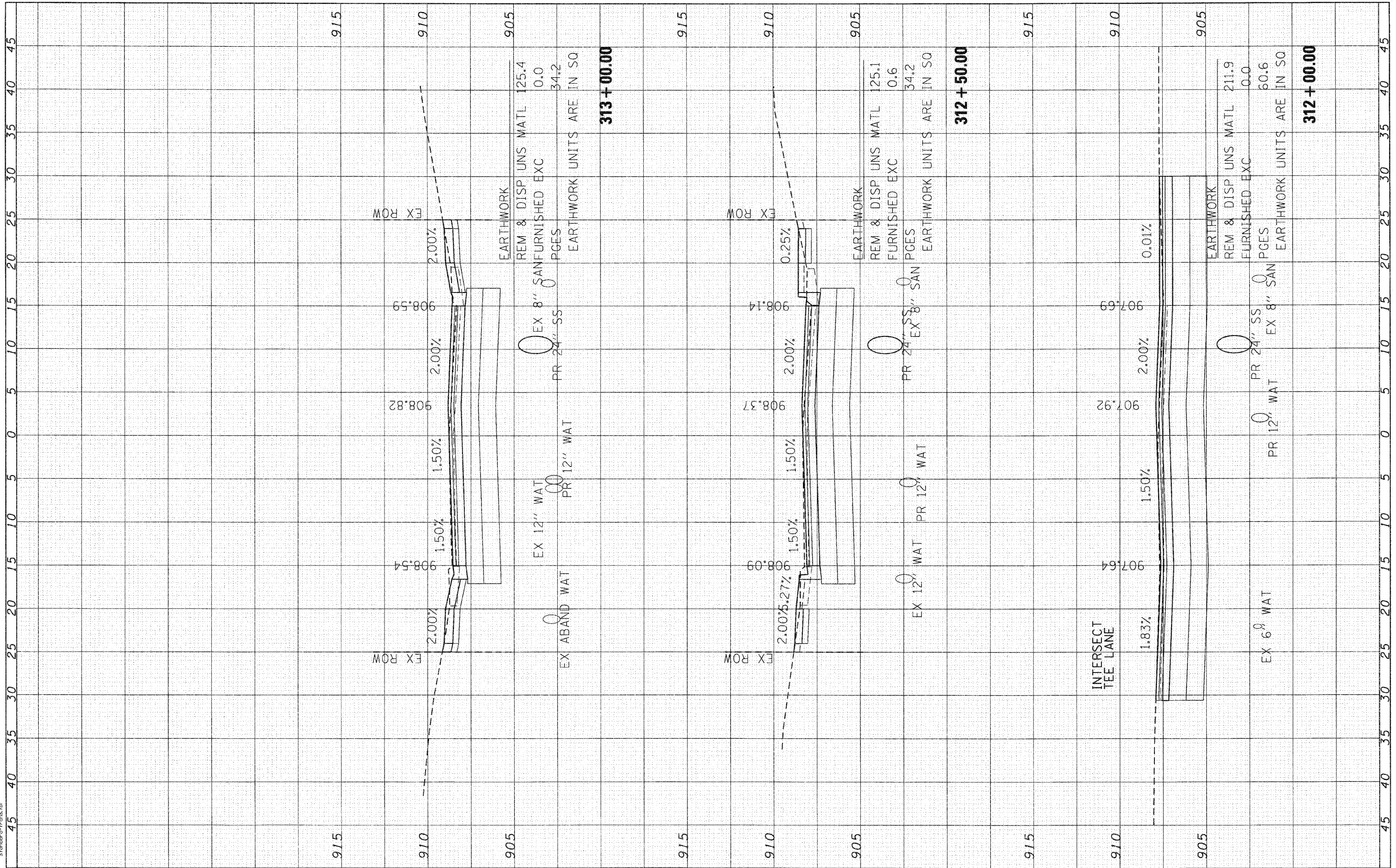
SCALE: 1" = 5' SHEET NO. 14 OF 24 SHEETS STA. 310+84.14 TO STA. 311+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	174
	FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	63504	

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

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

SEC GROUP, INC.
 PROJECT CONTACT: A. WAIN
 VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/2/2010 12:51:52 PM
 PLOT NUMBER: 63504-SEC-MONROE.DWG
 PEN TABLE: Standard-Trans.fdi



SEC Group, Inc.
 201 N. First Street
 Moline, IL 61704-1000
 L 815.326.1779 F 815.326.1781
 www.secgroupinc.com
 10/25/10

USER NAME = CHARTKE	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

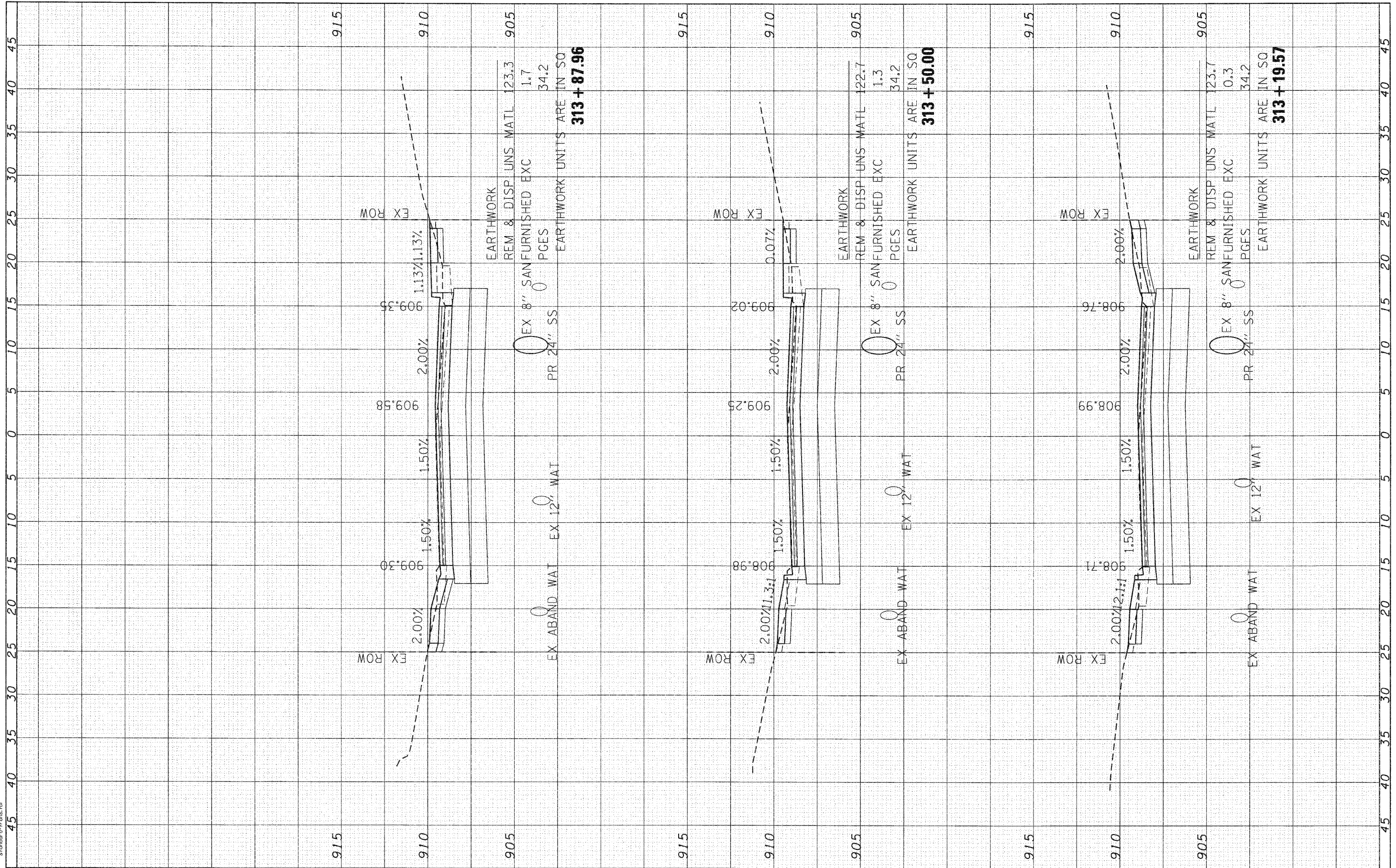
SCALE: 1" = 5' SHEET NO. 15 OF 24 SHEETS STA. 312+00.00 TO STA. 313+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	175
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			63504	

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:51:55 PM
 PLOT DRIVER: 800256-SEC-MONROE.DWG
 PEN TABLE: standard-fronts.tbl



SEC Group, Inc.
 A USGS Company
 420 N. First Street
 Madison, IL 62202-1202
 L 618.285.1778 F 618.285.1781
 www.secgroup.com

USER NAME = CHa-1ke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
PLOT SCALE = 1" = 5'	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 11/22/2010	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

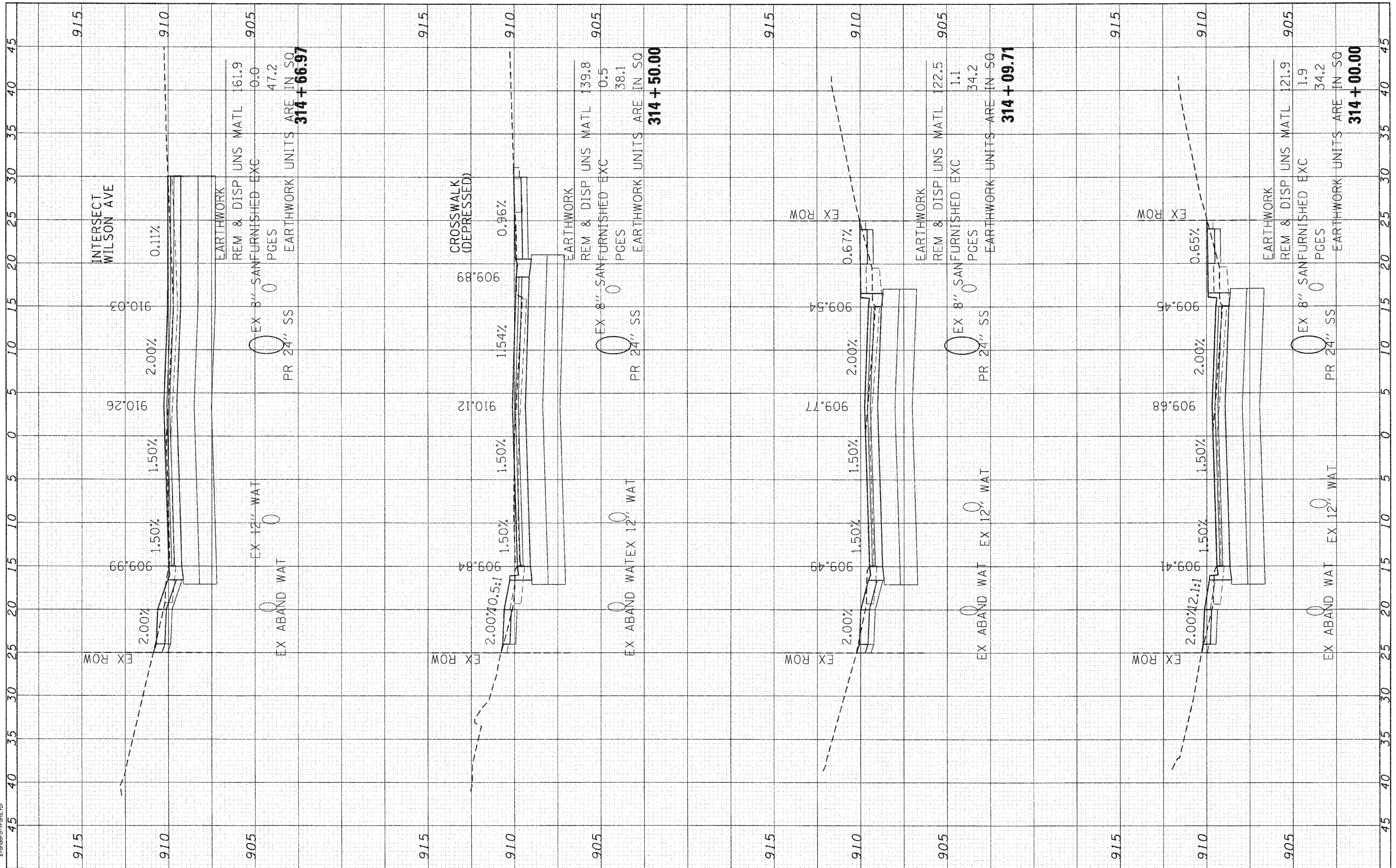
CROSS SECTIONS	
MONROE AVENUE	
SCALE: 1" = 5'	SHEET NO. 16 OF 24 SHEETS
STA. 313+19.57 TO STA. 313+87.96	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	176
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	63504	

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

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

SEC GROUP, INC.
 PROJECT CONTACT: A. J. JAIN
 VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/2/2010 12:51:57 PM
 FILE NUMBER: 0600074-SEC-MONROE.AXD
 PEN TABLE: s:\road\c-trans.tbl



SEC Group, Inc.
 An ITT Group Company
 6200 North Street
 Moline, IL 61704-2114
 • 314.345.1774 • FAX 314.345.1781
 www.secgroupinc.com
 Moline, IL • Peoria, IL • New Lenox, IL • Chicago, IL

USER NAME = CHARTKE	DESIGNED - C. HARTKE	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLOT DATE = 11/2/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

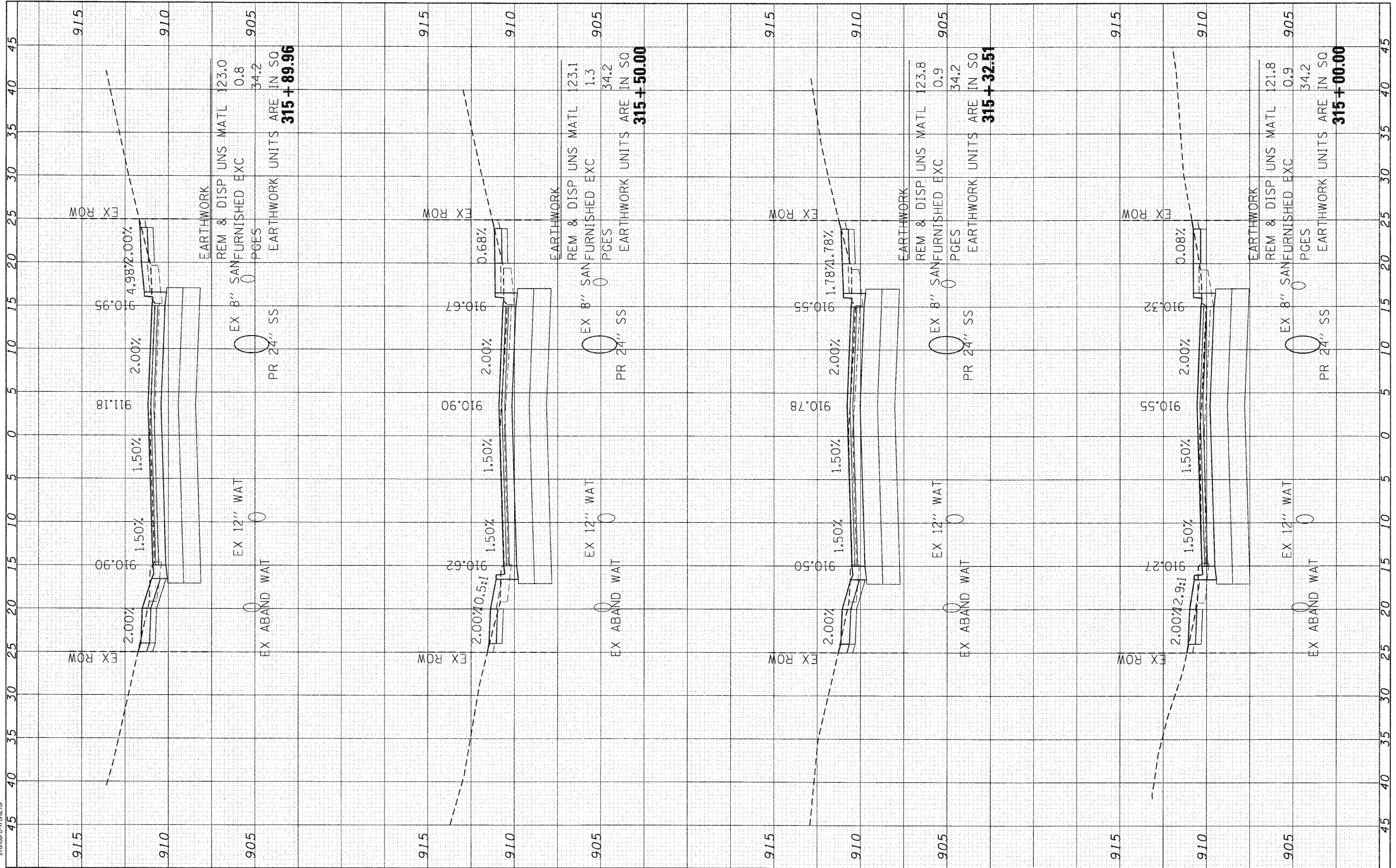
SCALE: 1" = 5' SHEET NO. 17 OF 24 SHEETS STA. 314+00.00 TO STA. 314+66.97

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• FAU 2414, FAU 1280, FAP 343	06-00074-00-FP	KANE	211	177
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	63504	
			63504	

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:56:00 PM
 PLOT DRIVER: SEC-MONROE.DWG
 PEN TABLE: Standard-Points.tbl



SEC Group, Inc.
 14147 Green Company
 422 N. First Street
 Moline, IL 61905-1128
 L # 10,386,1770 F # 10,386,1781
 www.secgroupinc.com
McHenry, Illinois, New Lenox, Chicago, IL

USER NAME = CHa-1ke	DESIGNED - C. HARTKE	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLOT DATE = 11/2/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
MONROE AVENUE**

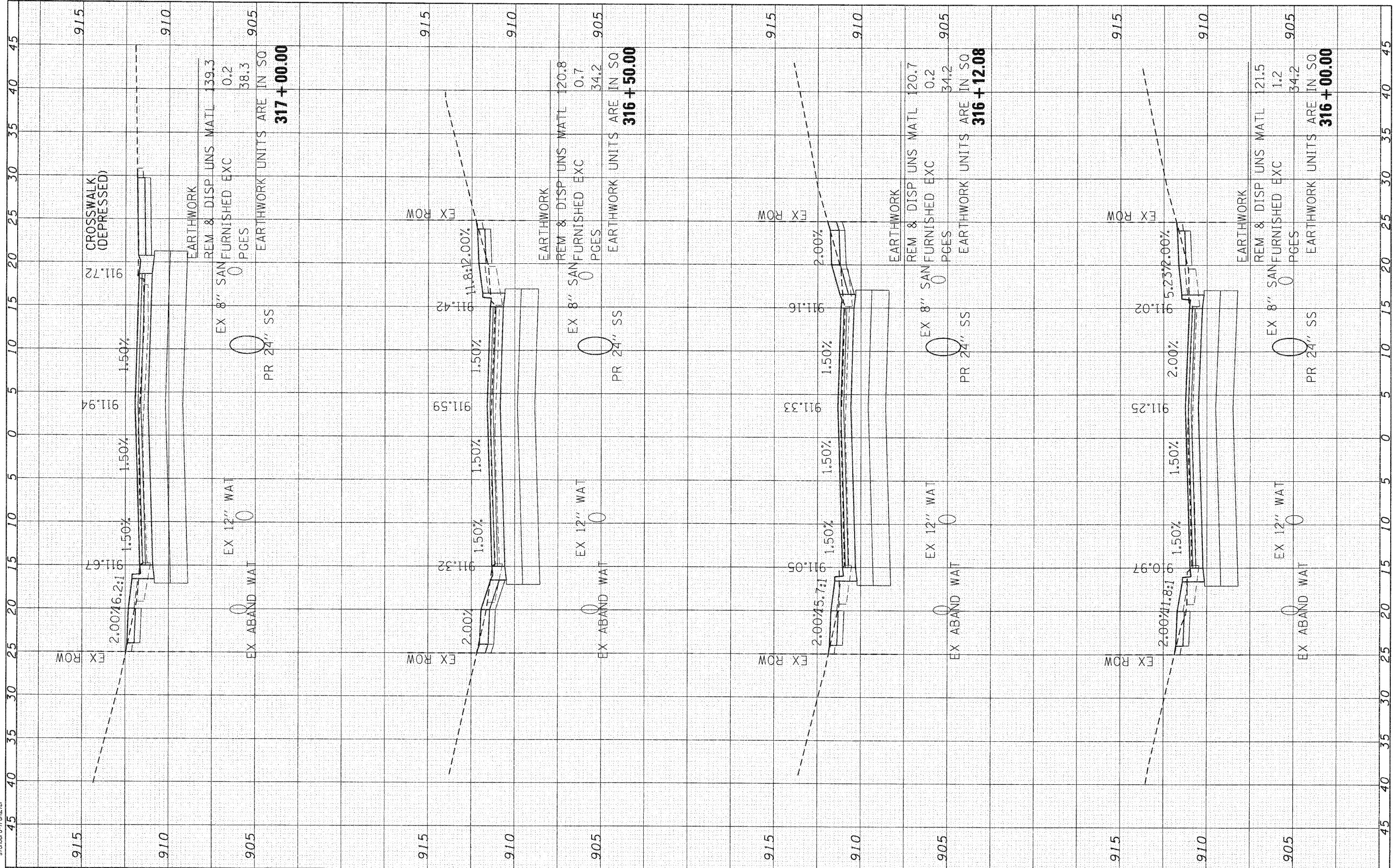
SCALE: 1" = 5' SHEET NO. 18 OF 24 SHEETS STA. 315+00.00 TO STA. 315+89.96

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	178
•	FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		63504	

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/2/2010
 PLOT DRIVER: PLOT DRIVER
 PEN TABLE: PEN TABLE



SEC Group, Inc.
 21100 Green Company
 420 N. First Street
 Moline, IL 61704-2128
 L 815.326.1779 F 815.326.1791
 www.secgroupinc.com

USER NAME =	CHARTKE
DESIGNED -	C. HARTKE
DRAWN -	R. BEST
CHECKED -	T. HAMILTON
DATE -	10/25/10
REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

SCALE: 1" = 5' SHEET NO. 19 OF 24 SHEETS STA. 316+00.00 TO STA. 317+00.00

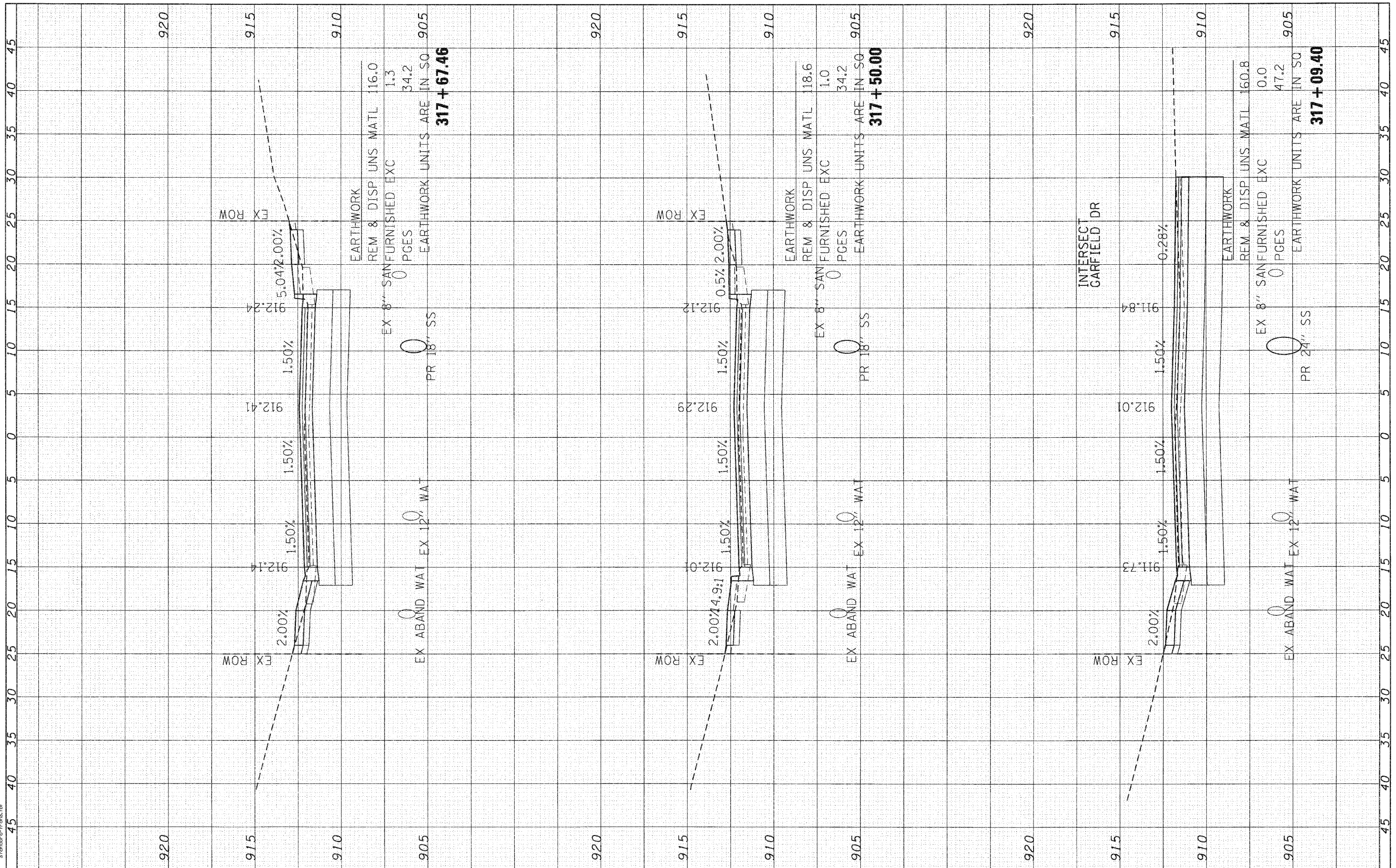
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	179
FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			63504	

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:28:05 PM
 PLOT NUMBER: 06-00074-00-PP-0211
 PEN TABLE: standard-trans.tbl

ORIGINAL SURVEY NO. _____
 SURVEY PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____

FINAL SURVEY NO. _____
 SURVEY PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____

BY _____ DATE _____



SEC Group, Inc.
 An HR Group Company
 650 N. First Street
 Maitland, FL 32751-2150
 L: 407.885.1777 F: 407.885.1781
 www.secgroupinc.com
 Maitland, Orlando, Winter Garden, Chicago, IL

USER NAME = CHartke	DESIGNED - C. HARTKE	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLOT DATE = 11/22/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

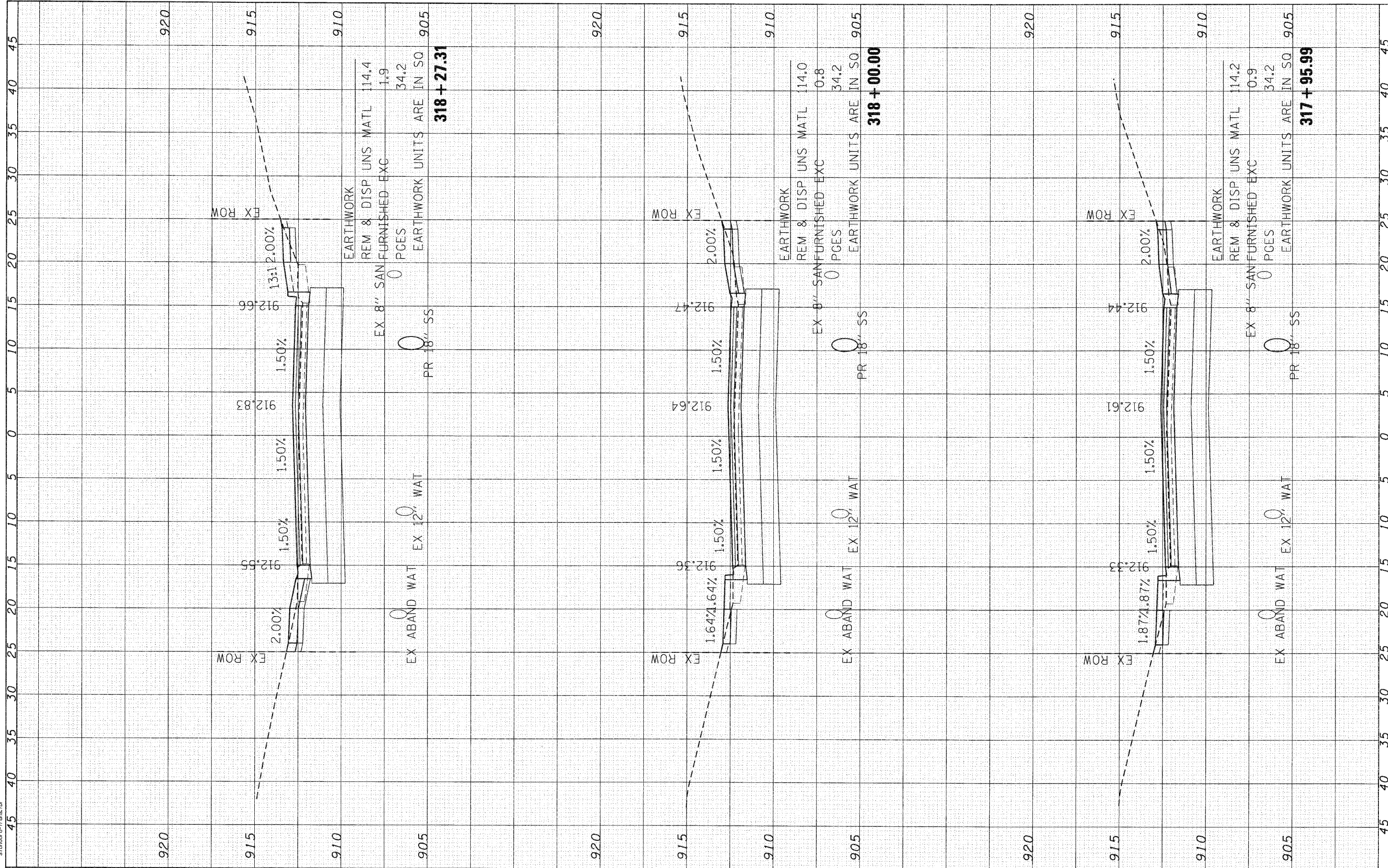
SCALE: 1" = 5' SHEET NO. 20 OF 24 SHEETS STA. 317+09.40 TO STA. 317+67.46

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-PP	KANE	211	180
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT 63504	

FINISH	DATE
SURVEY	BY
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	
AREAS CHECKED	
NO.	

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 10:50:07 PM
 PLOT DRIVER: sec-trans.tbl
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 2101 West Green Country
 426 N. First Street
 Moline, IL 61704-2108
 T: 815.335.1778 F: 815.335.1791
 www.secgroupinc.com

USER NAME =	Chartke		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

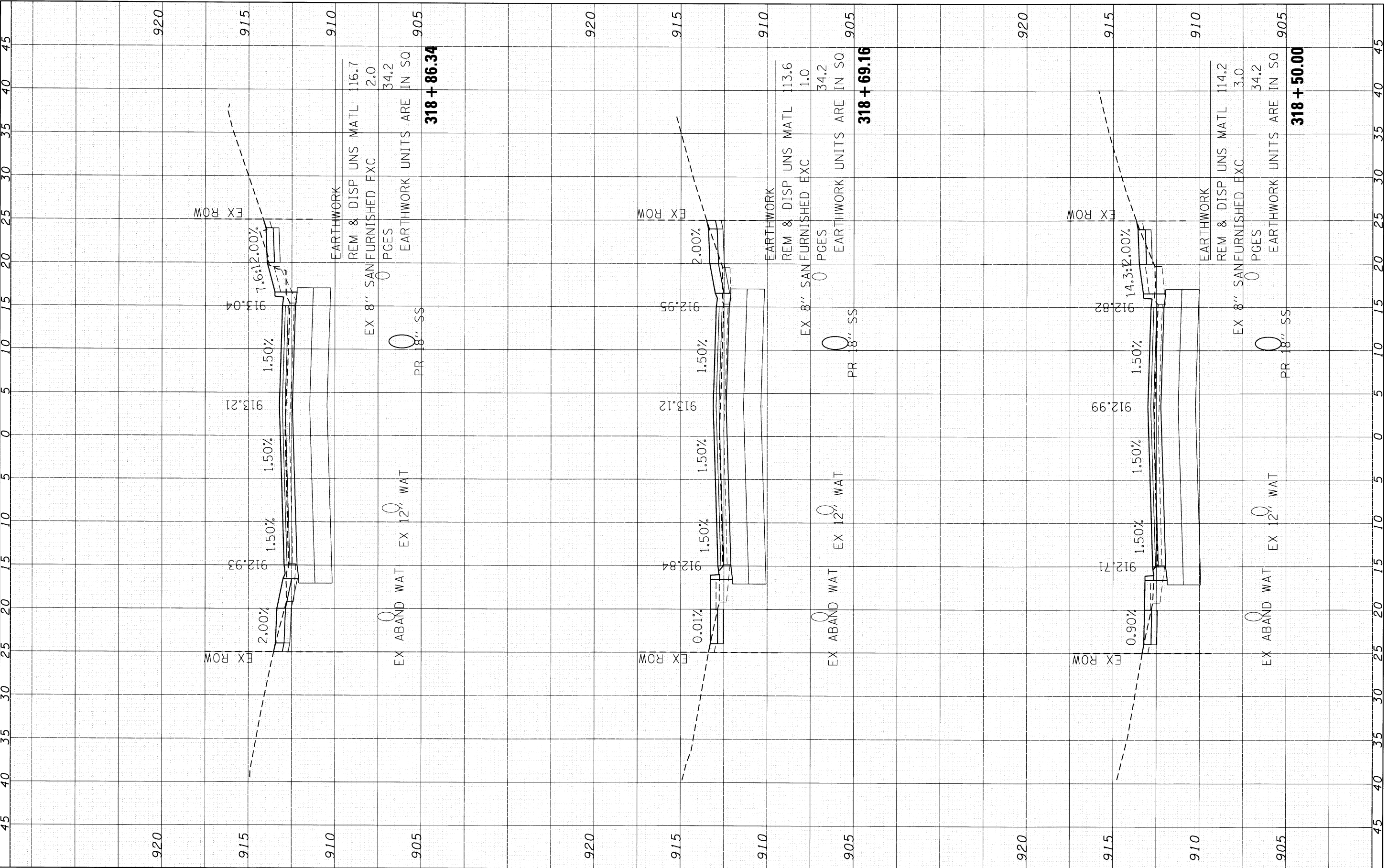
SCALE: 1" = 5' SHEET NO. 21 OF 24 SHEETS STA. 317+95.99 TO STA. 318+27.31

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	181
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			63504	

FINISHED	BY	DATE
SURVEY		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL	BY	DATE
SURVEY		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
NO.		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/2/2010 10:52:10 PM
 PLOT DRIVER: 606226-SEC-MONROE.DWG
 PEN TABLE: 606226-trans.tbl



SEC Group, Inc.
 A 100% Green Company
 420 N. First Street
 Maitland, IL 60052-0238
 T. 815.385.1778 F. 815.385.1781
 www.secgroupinc.com
 *McHenry, IL *Yorkville, IL *New Leno, IL *Chicago, IL

USER NAME = CHartke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

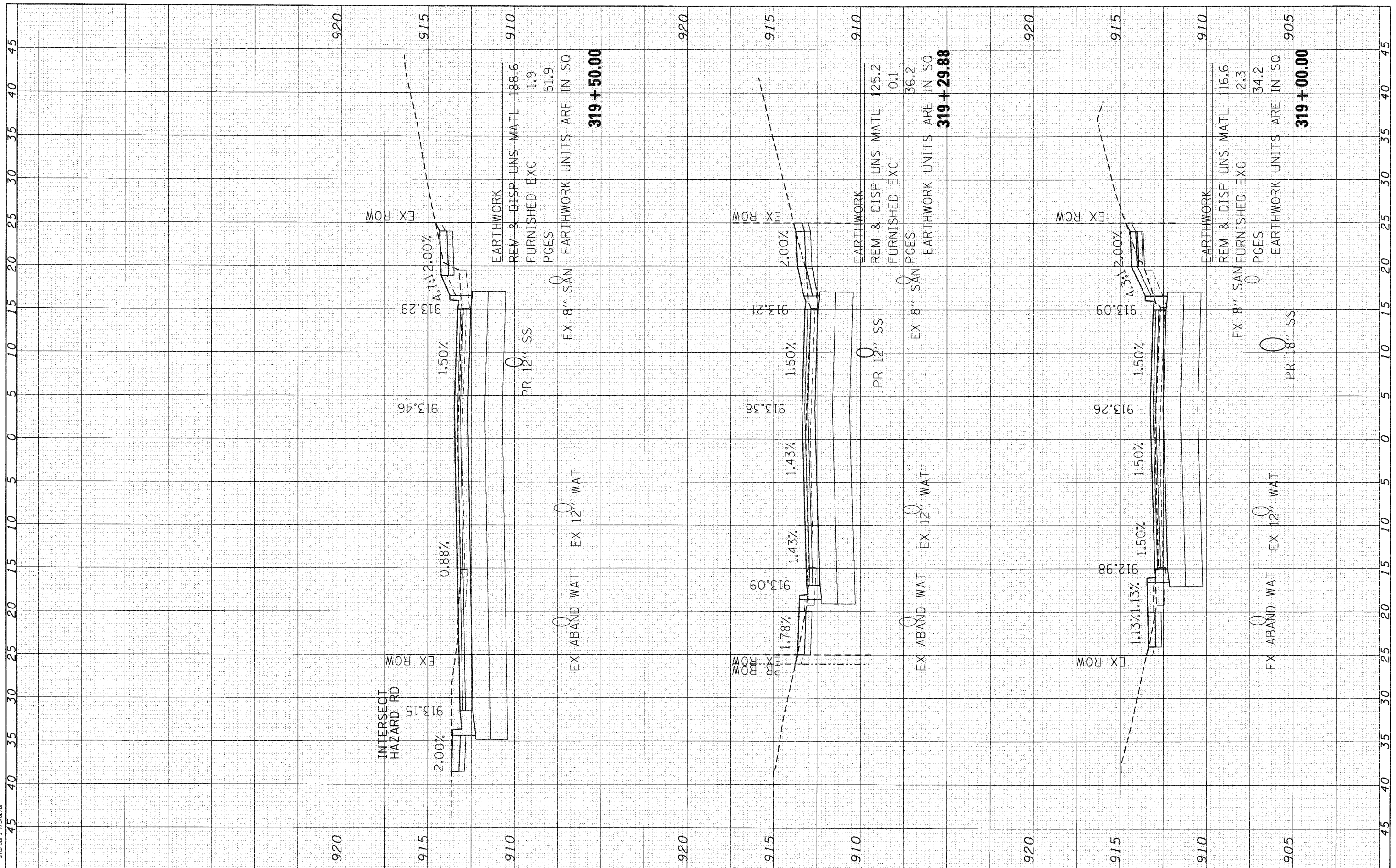
SCALE: 1" = 5' SHEET NO. 22 OF 24 SHEETS STA. 318+50.00 TO STA. 318+86.34

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	182
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO.	63504
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	63504

FINAL SURVEY	BY	DATE
SURVEY		
NOTED BOOK		
PLATE		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEY		
NOTED BOOK		
PLATE		
AREAS		
CHECKED		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/27/2010 10:52:12 PM
 PLOT DRIVER: SEC-WINDSLOW
 PLOT TABLE: standard-frans.tbl



SEC Group, Inc.
 An HDR Group Company
 420 N. First Street
 Madison, IL 62202-5198
 T 618.262.1770 F 618.262.1761
 www.secgroup.com
 ©2010 SEC Group, Inc. All rights reserved. Chicago, IL

USER NAME = Cht-1ke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -
PLOT SCALE = 1" = 5'		
PLOT DATE = 11/2/2010		

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

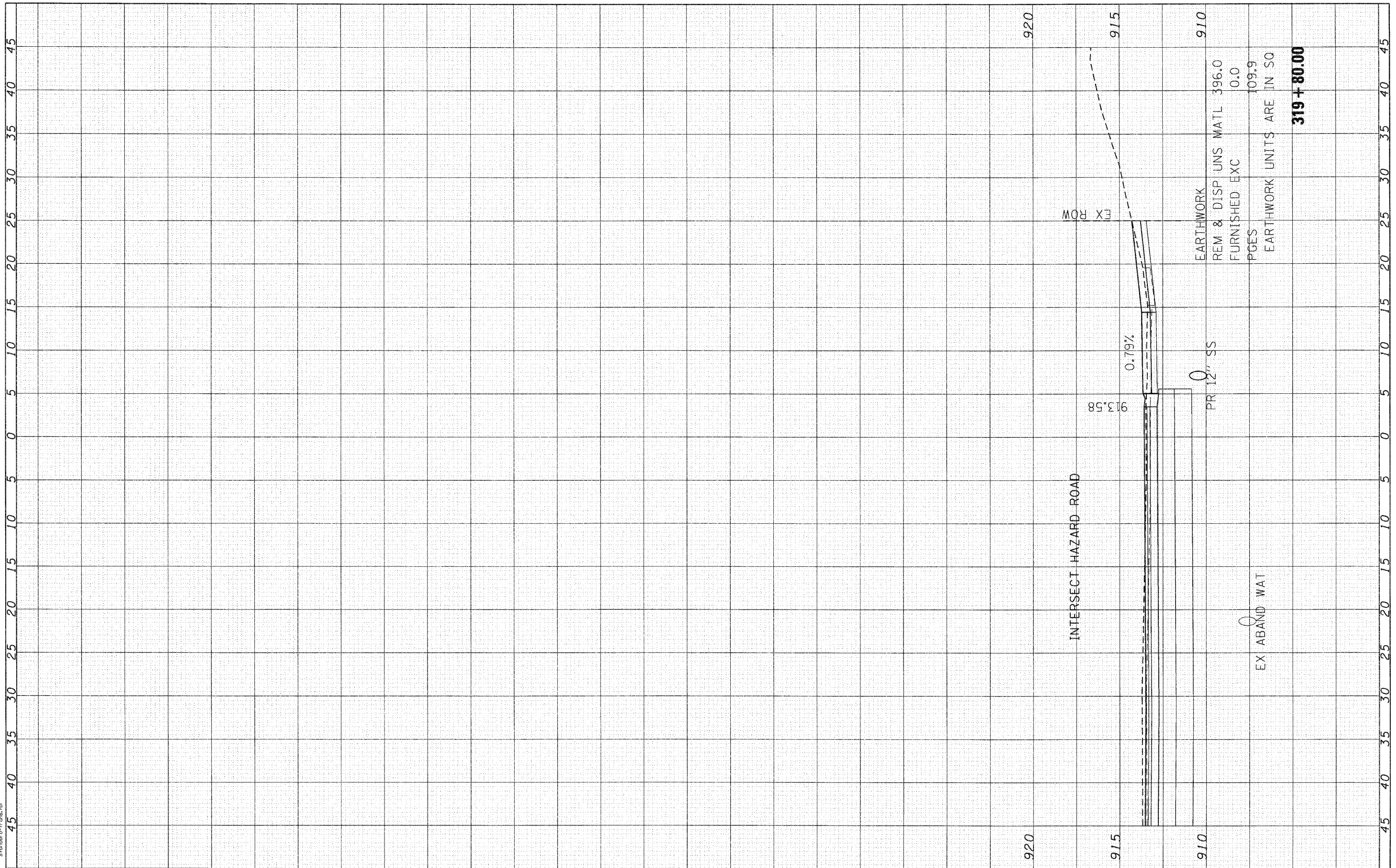
SCALE: 1" = 5' SHEET NO. 23 OF 24 SHEETS STA. 319+00.00 TO STA. 319+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	183
•	FAU 2414, FAU 1280, FAP 343			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 63504	63504

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. MAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:52:54 PM
 PLOT DRIVER: C:\Program Files\SEC-MORRISON\SEC-MORRISON.DI
 PEN TABLE:



SEC Group, Inc.
 An IRI Group Company
 420 N. First Street
 Maitland, IL 60057-0000
 L 312.265.1770 F 312.265.1781
 www.secgroupinc.com
 Maitland, IL - Yorkville, IL - New Lenox, IL - Chicago, IL

USER NAME =	CHARTKE		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	
PLOT SCALE =	1" = 5'		
PLOT DATE =	11/2/2010		

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 MONROE AVENUE**

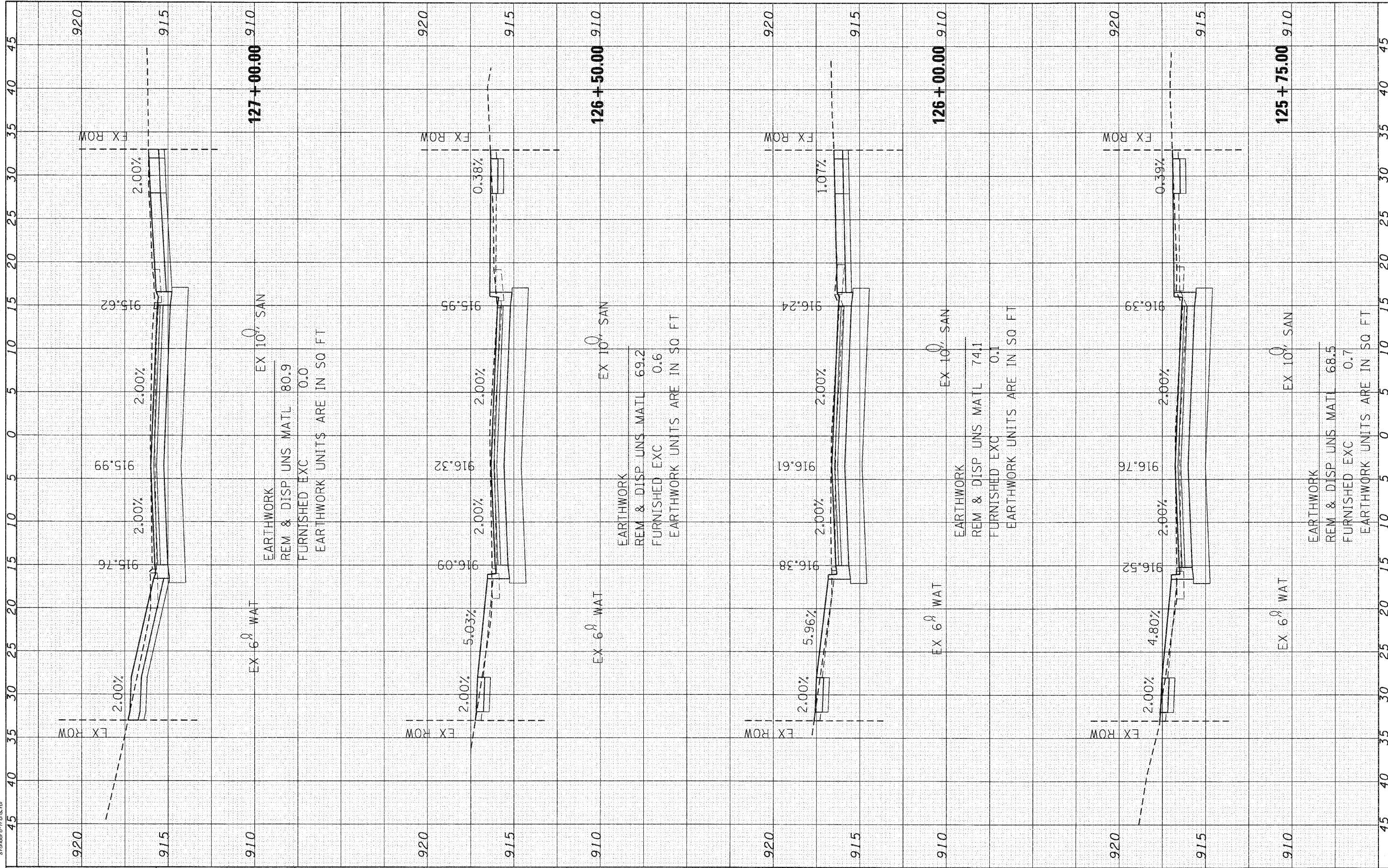
SCALE: 1" = 5' SHEET NO. 24 OF 24 SHEETS STA. 319+80.00 TO STA. 319+80.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	184
•	FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504
FED. ROAD DIST. NO.	[ILLINOIS] FED. AID PROJECT			63504

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 10:50:21 PM
 PLOT DRIVER: sec-trans.tbl
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 420 N. First Street
 Maitland, FL 32751-1916
 P: 407.882.1770 F: 407.882.1781
 www.secgroupinc.com

USER NAME = C Hartke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
HAZARD ROAD**

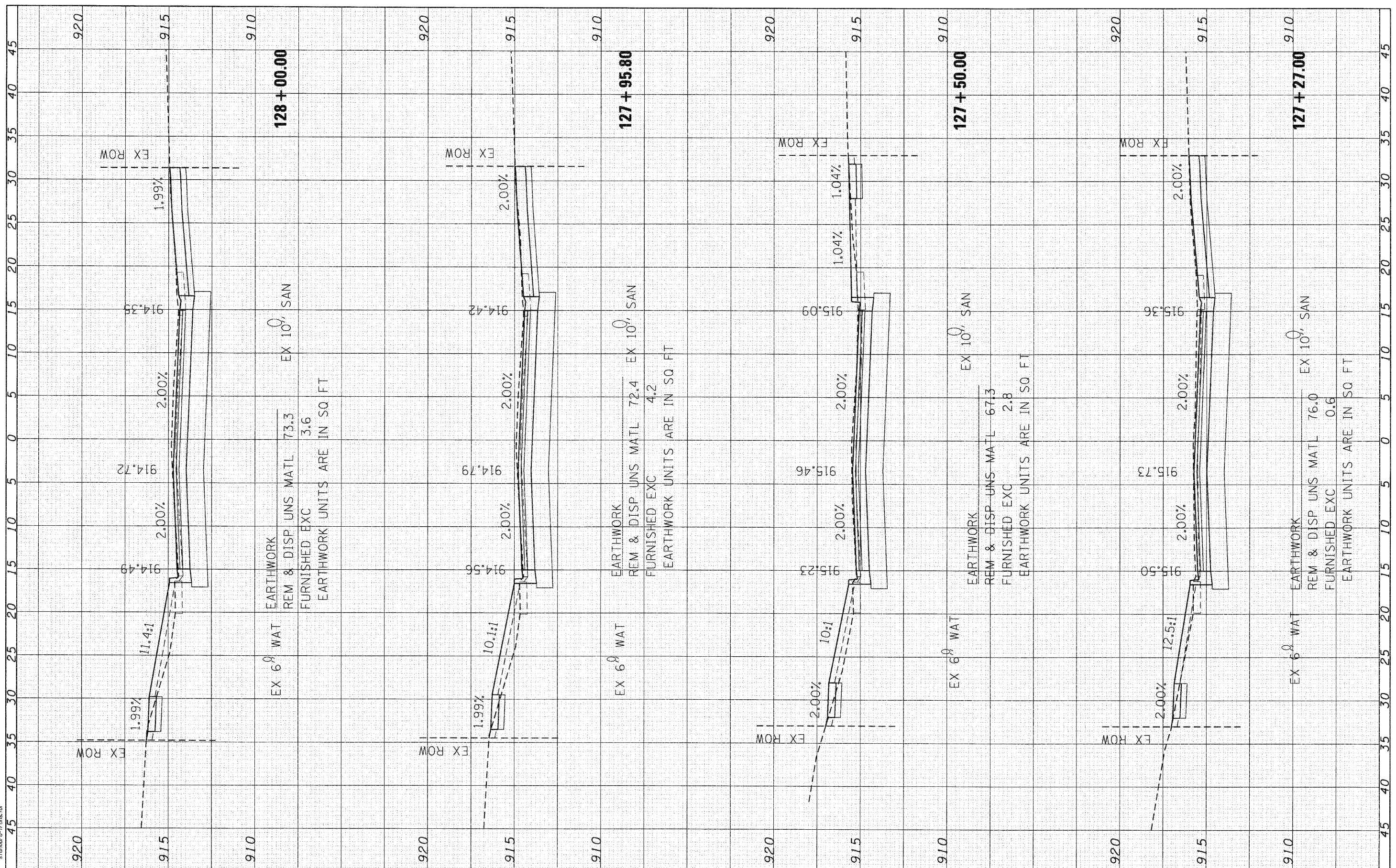
SCALE: 1" = 5' SHEET NO. 1 OF 4 SHEETS STA. 125+75.00 TO STA. 127+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-PP	KANE	211	185
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT 63504	

FINISH	DATE
SURVEY	BY
NOTE BOOK	
PLATINUM	
AREAS CHECKED	
NO.	

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	
PLATINUM	
AREAS CHECKED	
NO.	

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2018 10:20:20 AM
 PLOT DRIVER: SEC-114140101
 PEN TABLE: Standard-Trans.tbl



SEC Group, Inc.
 A U.S. Equal Opportunity Company
 420 N. First Street
 Maitland, FL 32751-5158
 P: 407.896.1770 F: 407.896.1781
 www.secgroupinc.com
 *FLORIDA - *ILLINOIS - *NEW YORK - *CHICAGO

USER NAME = CHer-urc	DESIGNED - C. HARTKE	REVISED -
PLAT SCALE = 1" = 5'	DRAWN - R. BEST	REVISED -
PLAT DATE = 11/22/2018	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
HAZARD ROAD**

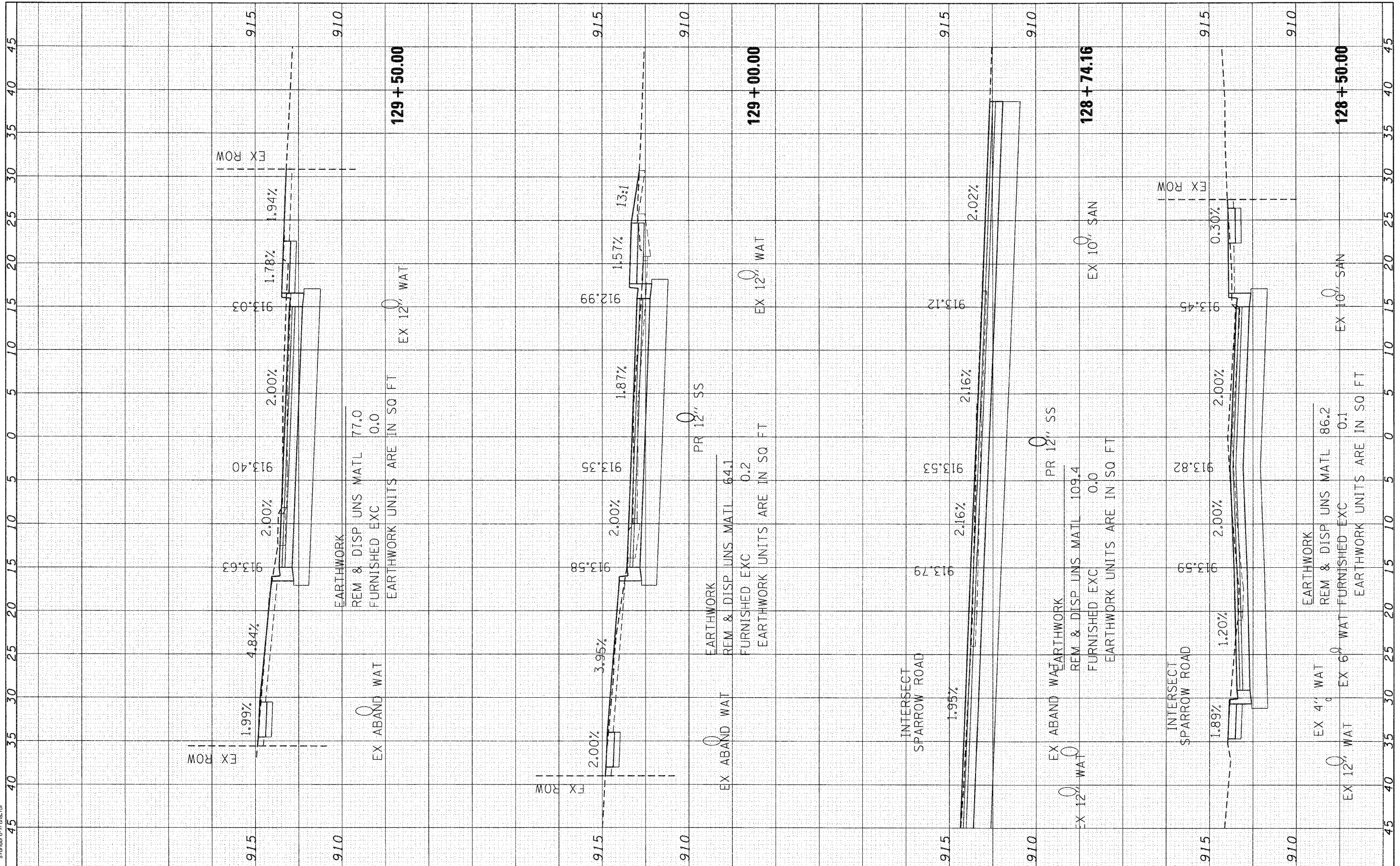
SCALE: 1" = 5' SHEET NO. 2 OF 4 SHEETS STA. 127+27.00 TO STA. 128+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-PP	KANE	211	186
* FAU 2414, FAU 1280, FAP 343		CONTRACT NO.		63504
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		63504

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:50:22 PM
 PLOT DRIVER: SEC-HAZ-ROAD.DGN
 PEN TABLE: Standard-Trans.tbl



SEC Group, Inc.
 A 100% Green Company
 420 N. First Street
 Milwaukee, WI 53203-1234
 T: 414.386.1779 F: 414.386.1781
 www.secgroup.com

USER NAME =	Char-ke		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
HAZARD ROAD**

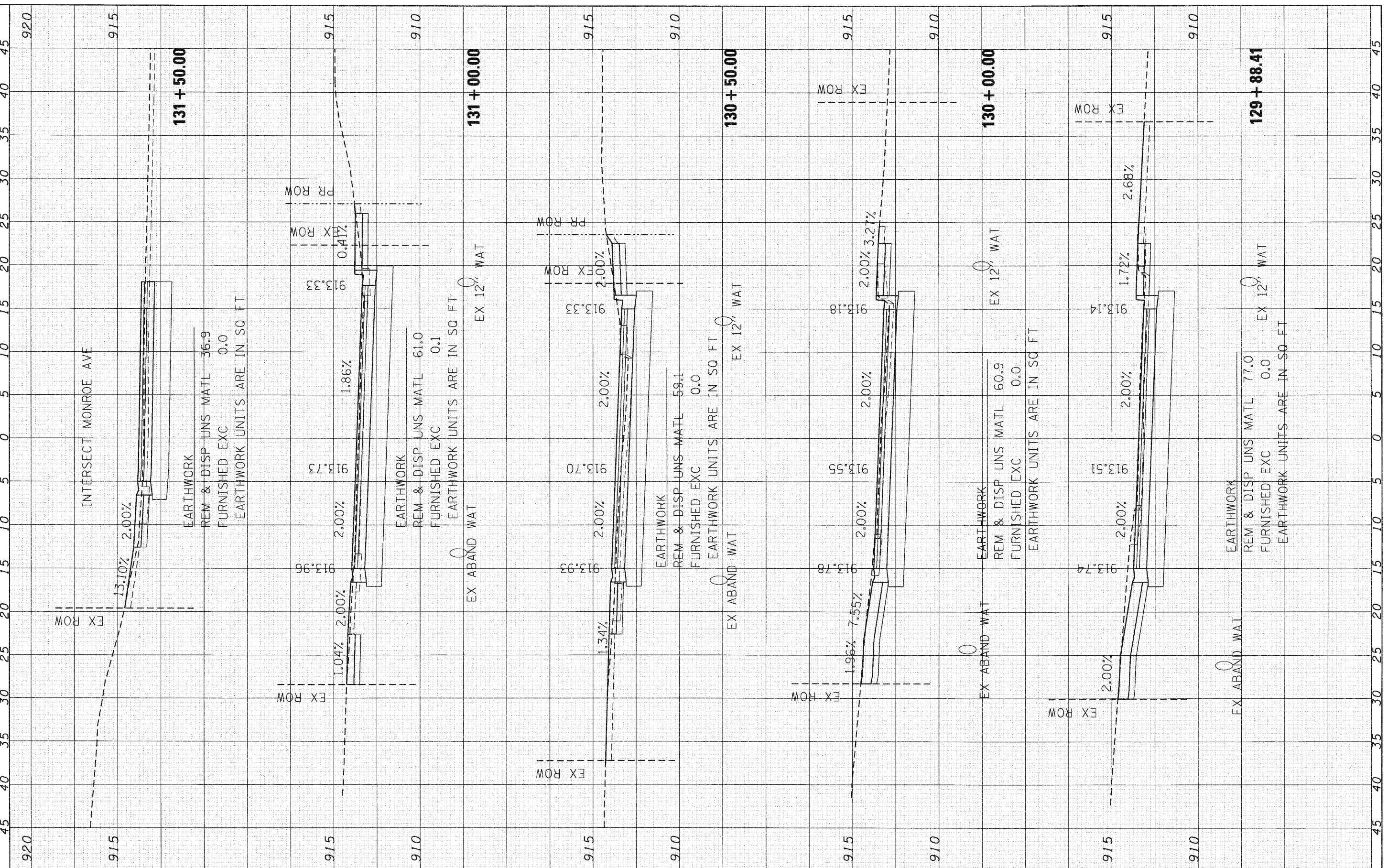
SCALE: 1" = 5' SHEET NO. 3 OF 4 SHEETS STA. 128+50.00 TO STA. 129+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	187
FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT 63504		

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:52:24 PM
 PLOT DRIVER: 306206-SEC-ME-MID.dgn
 PEN TABLE: S:\standard-trans.tbl



SEC Group, Inc.
 401 N. First Street
 Melrose, IL 60051-3136
 T 815.345.1770 F 815.345.1781
 www.secgroup.com

USER NAME = CHARTKE	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
HAZARD ROAD**

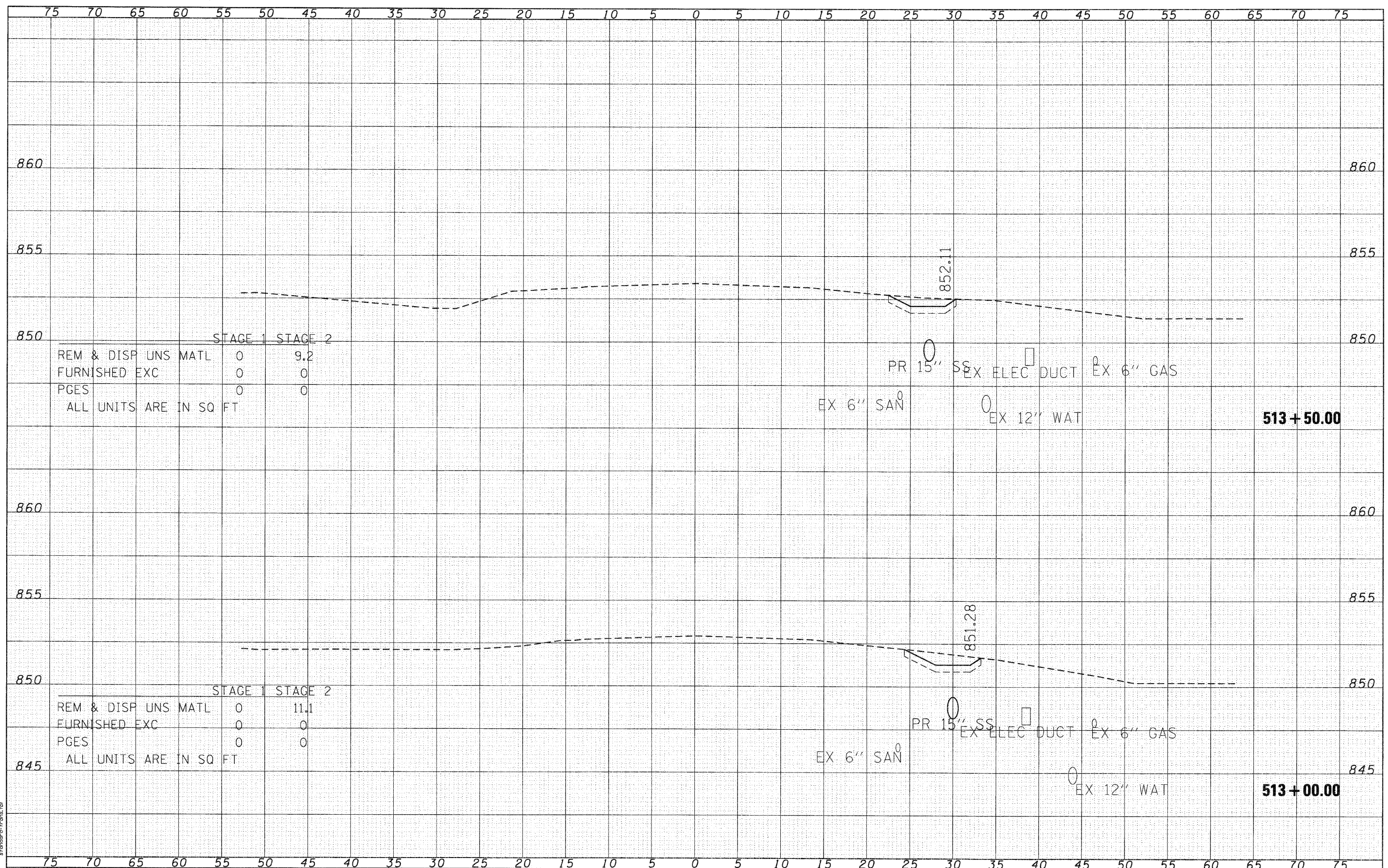
SCALE: 1" = 5' SHEET NO. 4 OF 4 SHEETS STA. 129+88.41 TO STA. 131+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	188
•	FAU 2414, FAU 1280, FAP 343			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 63504	63504

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

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

SEC GROUP, INC.
 COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/2/2010 10:56:28 PM
 FILE: 060206-100-000000.dgn
 PLOT: 060206-100-000000.dgn
 PEN TABLE: Standard Tables.tbl



STAGE 1	STAGE 2	
REM & DISP UNS MATL	0	9.2
FURNISHED EXC	0	0
PGES	0	0
ALL UNITS ARE IN SQ FT		

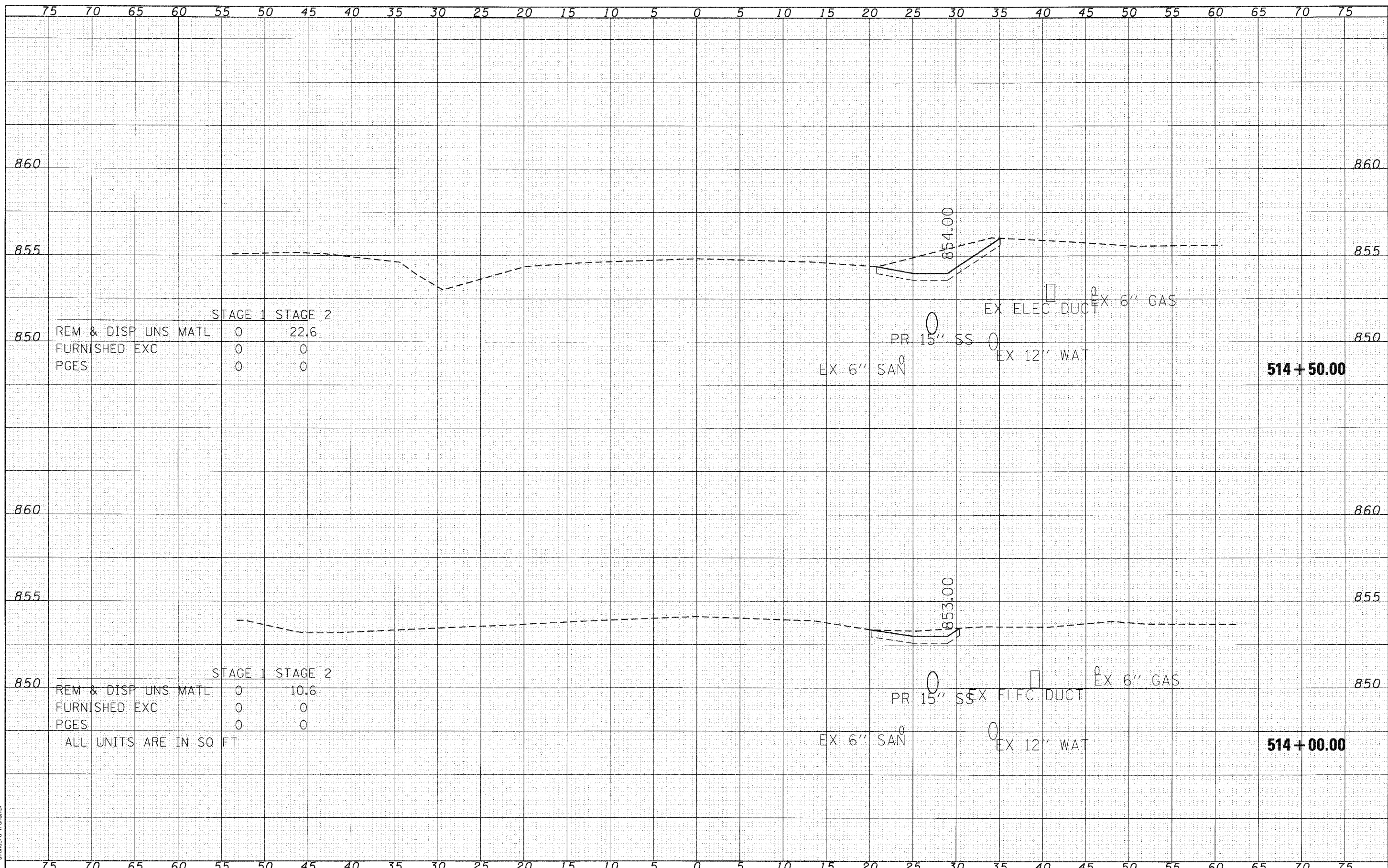
STAGE 1	STAGE 2	
REM & DISP UNS MATL	0	11.1
FURNISHED EXC	0	0
PGES	0	0
ALL UNITS ARE IN SQ FT		

<p>SEC Group, Inc. 401 N. First Street Milwaukee, WI 53202-1700 T: 818.261.1778 F: 818.261.1781 www.secgroup.com</p>	USER NAME = CHor-uke PLOT SCALE = 1" = 5' PLOT DATE = 11/2/2010	DESIGNED - C. HARTKE DRAWN - R. BEST CHECKED - T. HAMILTON DATE - 10/25/10	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF CARPENTERSVILLE CROSS SECTIONS DUNDEE ROAD (IL ROUTE 68)	F.A. RTE. = SECTION = 06-00074-00-FP COUNTY = KANE TOTAL SHEETS = 211 SHEET NO. = 189	CONTRACT NO. = 63504 FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT
	SCALE: 1" = 5' SHEET NO. 1 OF 23 SHEETS STA. 513+00.00 TO STA. 513+50.00		CROSS SECTIONS DUNDEE ROAD (IL ROUTE 68)		COUNTY = KANE CONTRACT NO. = 63504	
					COUNTY = KANE CONTRACT NO. = 63504	
					COUNTY = KANE CONTRACT NO. = 63504	

DATE	
BY	
FINISHED	
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

DATE	
BY	
ORIGINAL	
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 VILLAGE OF CARPENTERSVILLE
 420 N. POND STREET
 CARPENTERSVILLE, IL 61813
 618.352.1771
 618.352.1781
 www.secgroupinc.com
 MICROPLT, *NORTHFIELD, *VAN LEEUWEN, *CHICAGO, IL



SEC Group, Inc.
 420 N. Pond Street
 Carpentersville, IL 61813
 618.352.1771 • 618.352.1781
 www.secgroupinc.com
 MicroPlot, *Northfield, *Van Leeuwen, *Chicago, IL

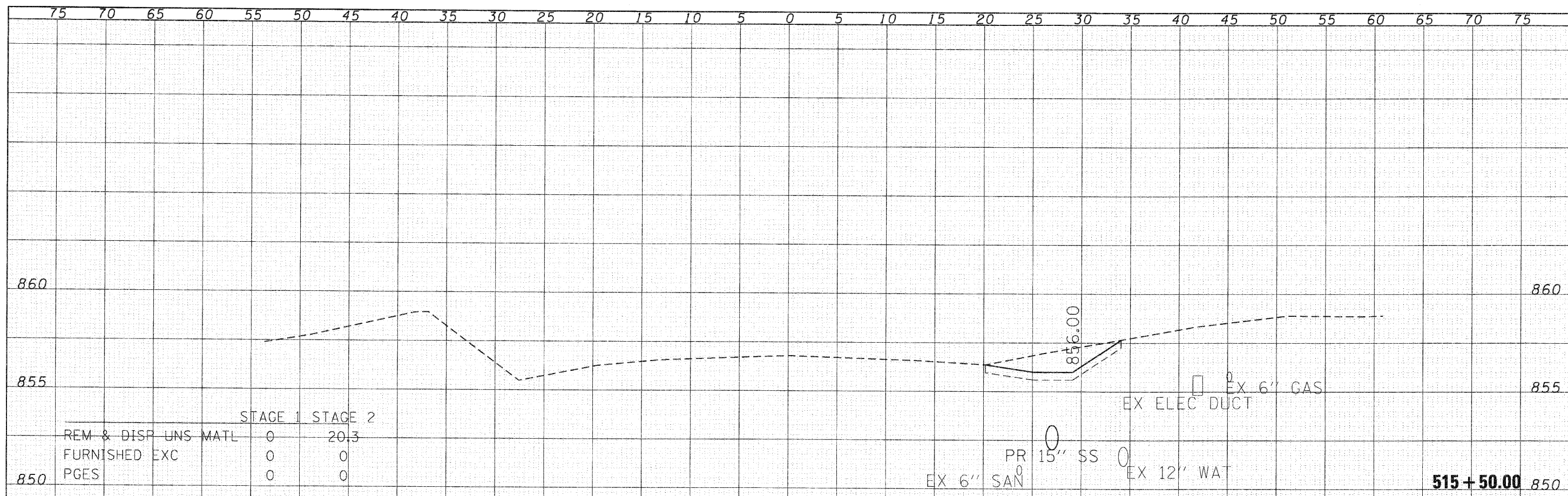
USER NAME =	CHARTKE
DESIGNED -	C. HARTKE
REVISOR -	
DRAWN -	R. BEST
REVISIONS -	
CHECKED -	T. HAMILTON
REVISIONS -	
DATE -	10/25/10
REVISIONS -	

VILLAGE OF CARPENTERSVILLE

CROSS SECTIONS
DUNDEE ROAD (IL ROUTE 68)
 SCALE: 1" = 5'
 SHEET NO. 2 OF 23 SHEETS
 STA. 514+00.00 TO STA. 514+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	190
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED	
SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

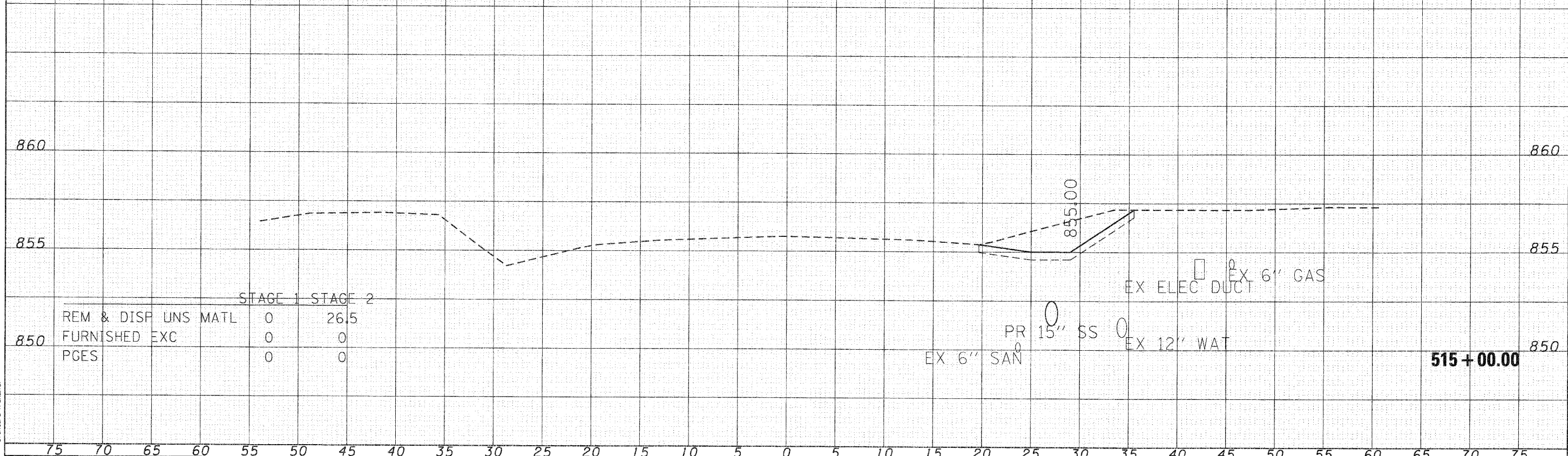


	STAGE 1	STAGE 2
REM & DISP UNS MATL	0	20.3
FURNISHED EXC	0	0
PGES	0	0

EX 6" SAN
PR 15" SS
EX 12" WAT
EX ELEC DUCT
EX 6" GAS

515 + 50.00

DATE	
BY	
ORIGINAL	
SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	



	STAGE 1	STAGE 2
REM & DISP UNS MATL	0	26.5
FURNISHED EXC	0	0
PGES	0	0

EX 6" SAN
PR 15" SS
EX 12" WAT
EX ELEC DUCT
EX 6" GAS

515 + 00.00

DATE	
BY	
ORIGINAL	
SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

SEC Group, Inc.
 430 N. First Street
 Maitland, FL 32751
 (407) 876-1779 • FAX (407) 876-1781
 www.secgroupinc.com
 430 North First Street, Maitland, FL 32751

USER NAME = Char-ke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

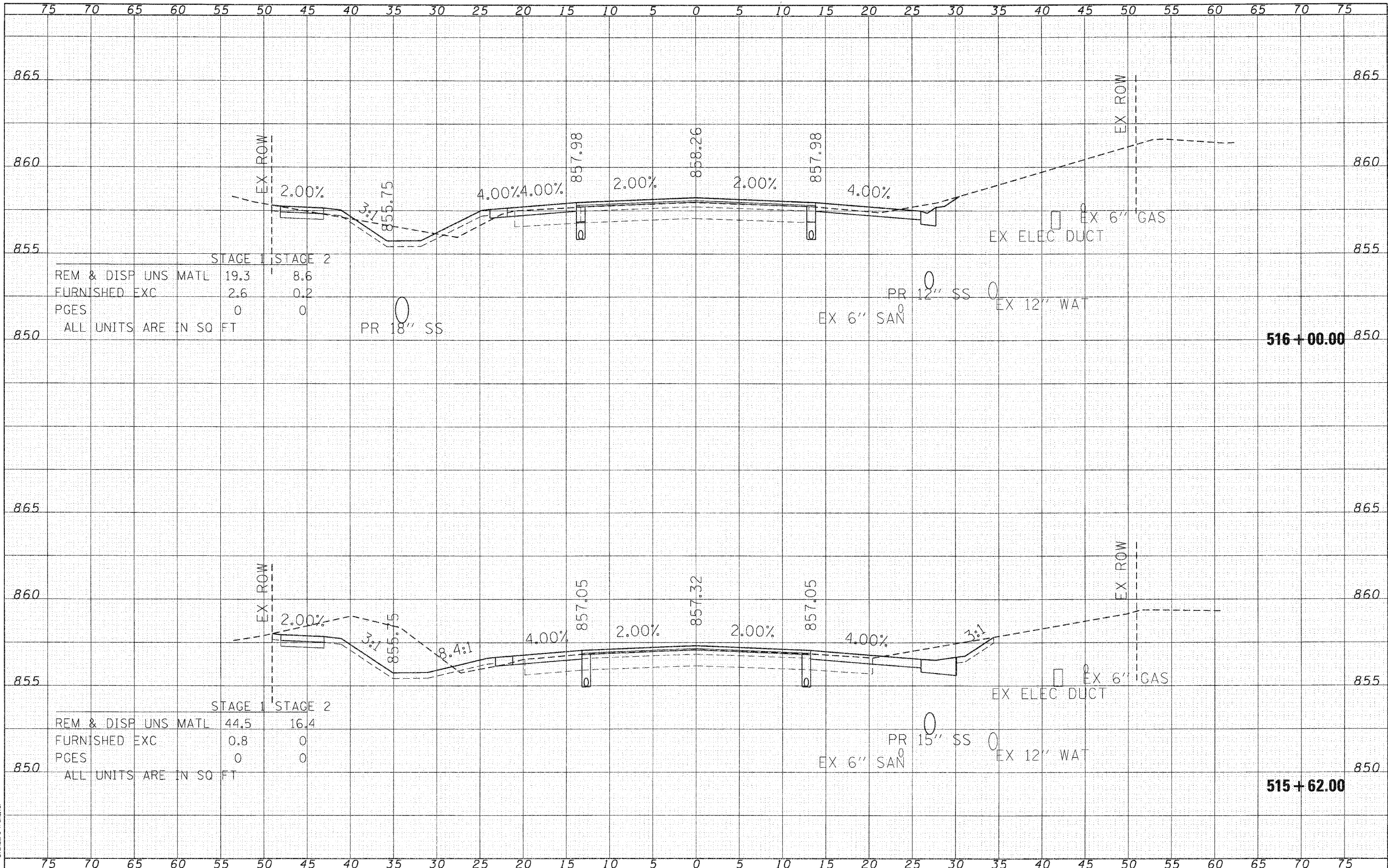
**CROSS SECTIONS
DUNDEE ROAD (IL ROUTE 68)**
 SCALE: 1" = 5' SHEET NO. 3 OF 23 SHEETS STA. 515+00.00 TO STA. 515+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	191
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

DATE	
BY	
NO.	
FINAL SURVEY	
NOTED	
PLOTTED	
TEMP. AREAS CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
NOTED	
PLOTTED	
TEMP. AREAS CHECKED	

SEC GROUP, INC.
 PROJECT CONTACT: A. MAIN
 VILLAGE OF CARPENTERSVILLE
 425 N. Front Street
 Carpentersville, IL 60010
 FILE NAME: 0600074-00-00-00.dgn
 PLOT DRIVER: pldrvr
 PEN TABLE: standard-frames.tbl



STAGE 1		STAGE 2	
REM & DISP	19.3	8.6	
UNSMATL			
FURNISHED	2.6	0.2	
EXC			
PGES	0	0	
ALL UNITS ARE IN SQ FT			

STAGE 1		STAGE 2	
REM & DISP	44.5	16.4	
UNSMATL			
FURNISHED	0.8	0	
EXC			
PGES	0	0	
ALL UNITS ARE IN SQ FT			

SEC Group, Inc.
 An Hill Group Company
 425 N. Front Street
 Carpentersville, IL 60010
 P: 815.385.1770 F: 815.385.1781
 www.secgroup.com
 ©2010 SEC Group, Inc. - Chicago, IL

USER NAME = Char-uke
 DESIGNED - C. HARTKE
 DRAWN - R. BEST
 CHECKED - T. HAMILTON
 DATE - 10/25/10

REVISIONS
 REVISED -
 REVISED -
 REVISED -
 REVISED -

VILLAGE OF CARPENTERSVILLE

CROSS SECTIONS
 DUNDEE ROAD (IL ROUTE 68)

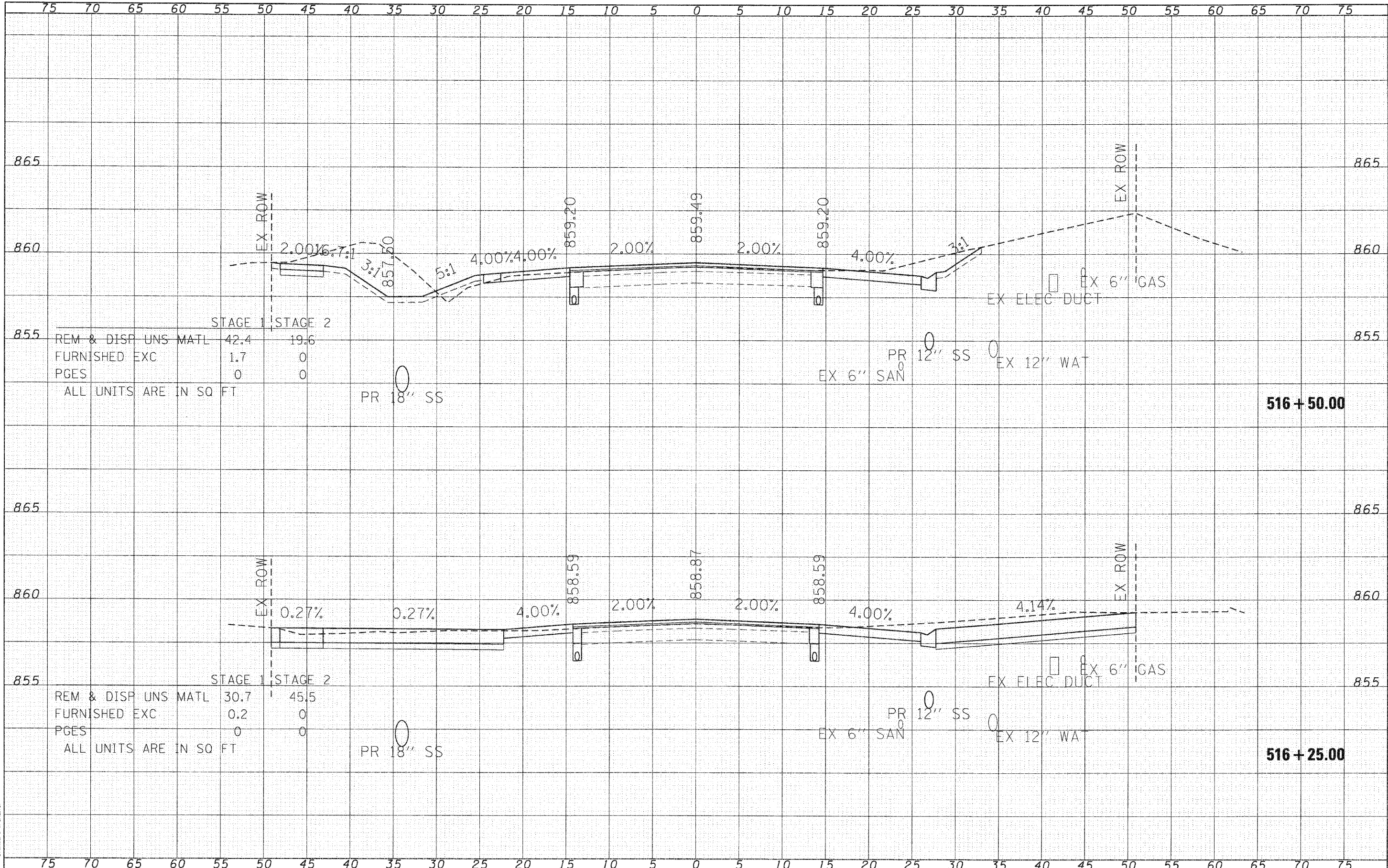
SCALE: 1" = 5'
 SHEET NO. 4 OF 23 SHEETS
 STA. 515+62.00 TO STA. 516+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	192
FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

SEC GROUP, INC.
 PROJECT CONTACT: J. JAIN
 PROJECT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/2/2010 10:53:37 AM
 FILE NAME: 060656-xcc-dundee.dgn
 PLOT DRIVER: pctdrt
 PEN TABLE: standard-frans.tbl



SEC Group, Inc.
 An HCL Group Company
 6215 Forest Drive
 Mokena, IL 60450-2139
 P.O. Box 1778 • Elmhurst, IL 60120-1778
 www.secgroupinc.com
 630.382.1778 • Fax 630.382.1781

USER NAME	- Chor-ke
DESIGNED	- C. HARTKE
DRAWN	- R. BEST
CHECKED	- T. HAMILTON
DATE	- 10/25/10
REVISED	-
REVISED	-
REVISED	-
REVISED	-

VILLAGE OF CARPENTERSVILLE

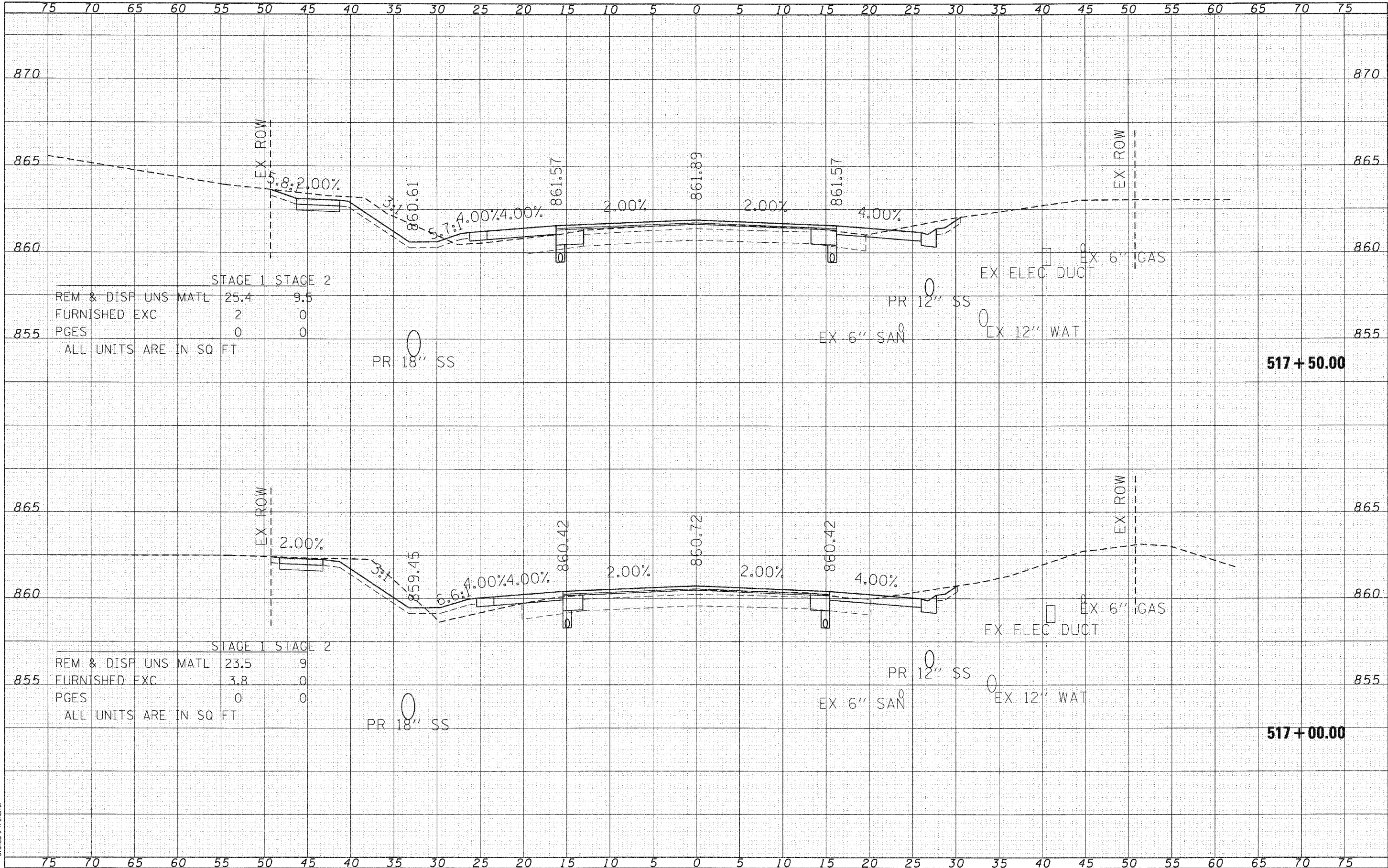
CROSS SECTIONS	
DUNDEE ROAD (IL ROUTE 68)	
SCALE: 1" = 5'	SHEET NO. 5 OF 23 SHEETS
STA. 516+25.00	TO STA. 516+50.00

P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	193
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63504	

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 VILLAGE OF CARPENTERSVILLE
 CLIENT: JEFFREY J. LINDSEY
 FILE NAME: 060224-00-00-00-00.dgn
 PLOT DRIVER: pldrvr
 PEN TABLE: standard-trans.tbl



	STAGE 1	STAGE 2
REM & DISP UNS MATL	25.4	9.5
FURNISHED EXC	2	0
PGES	0	0

ALL UNITS ARE IN SQ FT

	STAGE 1	STAGE 2
REM & DISP UNS MATL	23.5	9
FURNISHED EXC	3.8	0
PGES	0	0

ALL UNITS ARE IN SQ FT

SEC Group, Inc.
 4211 West 127th Street
 Mokena, IL 60450-1271
 815.385.1778 | 815.385.1781
 www.secgroupinc.com

USER NAME = chertke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

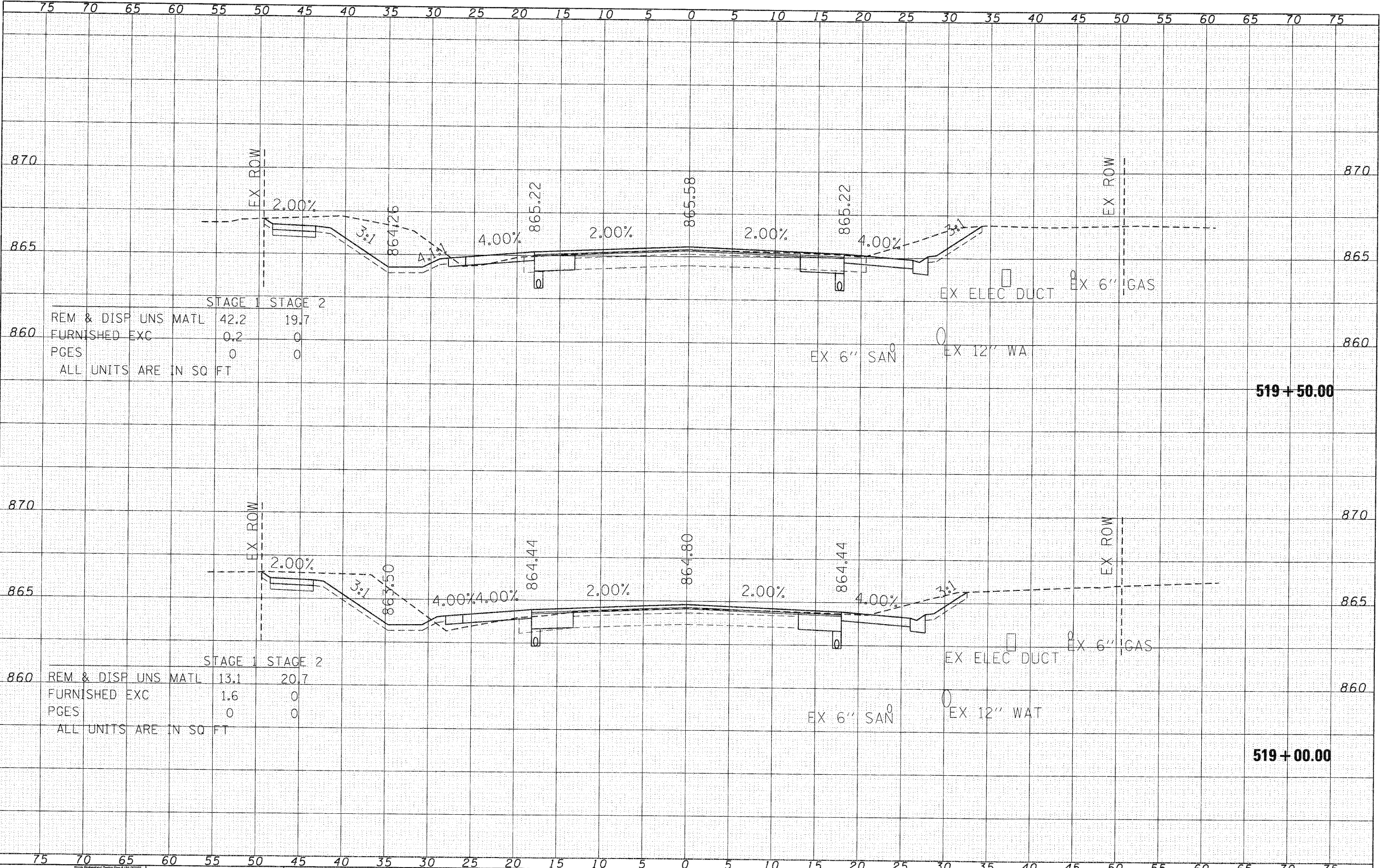
CROSS SECTIONS	
DUNDEE ROAD (IL ROUTE 68)	
SCALE: 1" = 5'	SHEET NO. 6 OF 23 SHEETS
STA. 517+00.00 TO STA. 517+50.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	194
FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAY OF CARPENTERSVILLE
 DATE PLOTTED: 11/2/2010 12:54:44 PM
 PLOT DRIVER: 080226-sec-dundee.dgn
 PEN TABLE: pof.plt
 standard-trans.tbl



	STAGE 1	STAGE 2
REM & DISP UNS MATL	42.2	19.7
FURNISHED EXC	0.2	0
PGES	0	0
ALL UNITS ARE IN SQ FT		

	STAGE 1	STAGE 2
REM & DISP UNS MATL	13.1	20.7
FURNISHED EXC	1.6	0
PGES	0	0
ALL UNITS ARE IN SQ FT		

SEC Group, Inc.
 An HR Green Company
 401 N. First Street
 McHenry, IL 60050-2136
 815.395.1778 F 815.395.1791
 www.secgroup.com
 McHenry, IL • Morrisville, NC • Westborough, MA • Chicago, IL

USER NAME = CHor-uk	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 DUNDEE ROAD (IL ROUTE 68)**

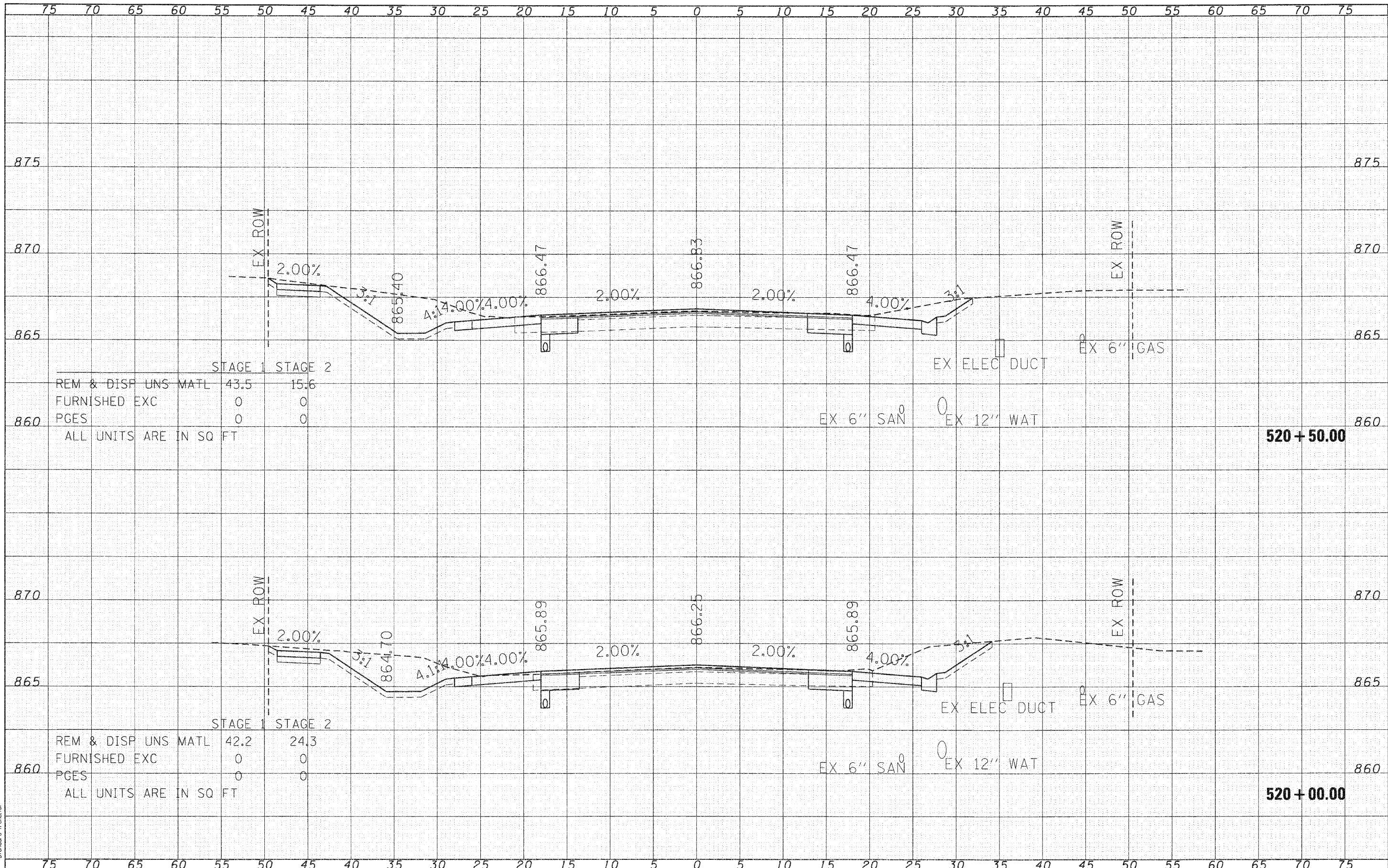
SCALE: 1" = 5' SHEET NO. 8 OF 23 SHEETS STA. 519+00.00 TO STA. 519+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
•	06-00074-00-FP	KANE	211 196
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

SEC GROUP, INC.
 A. JAIN
 VILLAGE OF CARPENTERSVILLE
 122244 PM
 06/25/10
 standard-trans.tbl

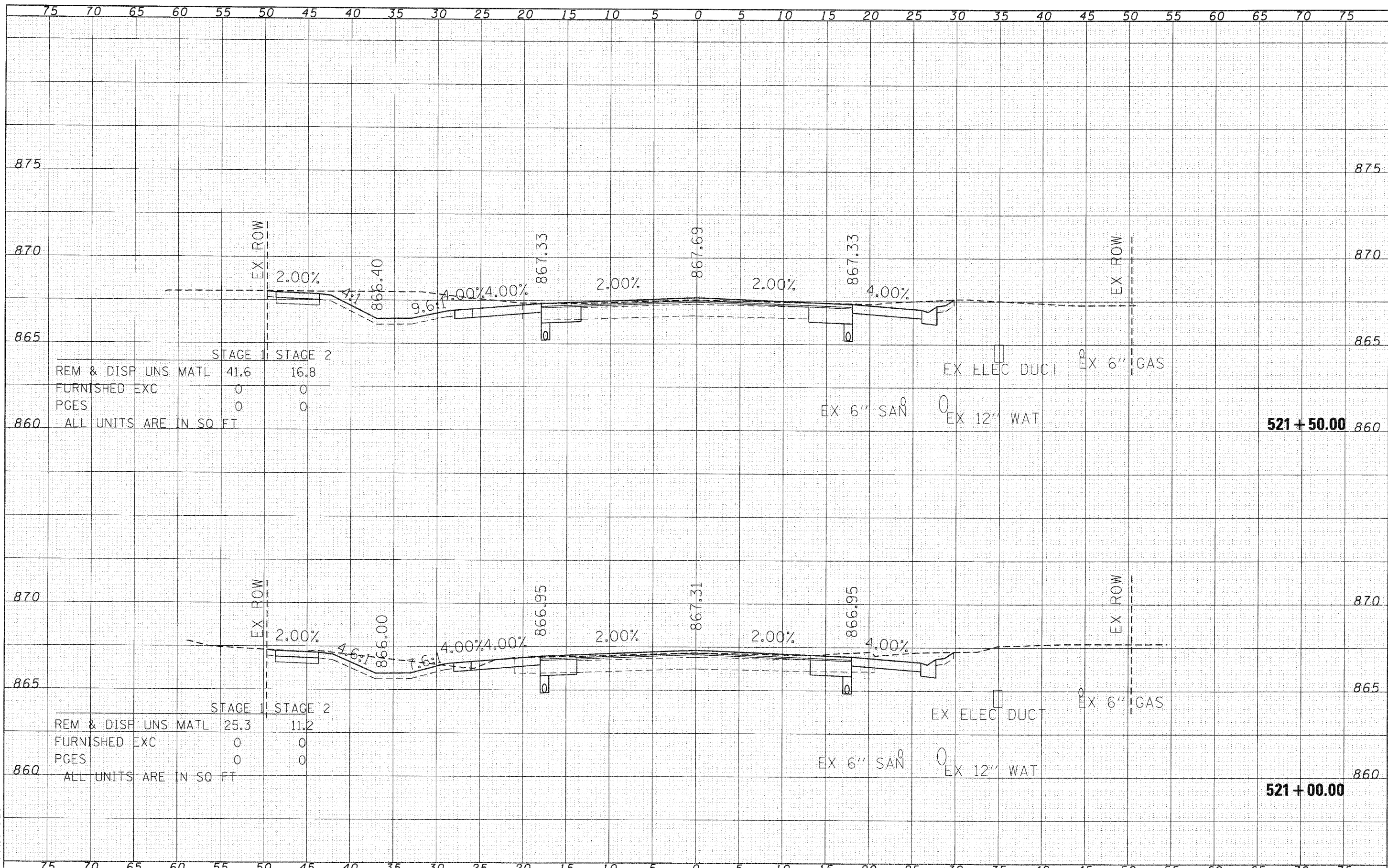


<p>SEC Group, Inc. An HR Group Company 424 N. First Street Moline, IL 61701-2130 314.241.1700 www.secgroup.com Moline, IL • Peoria, IL • New Lenox, IL • Chicago, IL</p>	USER NAME = Chertke PLOT SCALE = 1" = 5' PLOT DATE = 11/2/2010	DESIGNED - C. HARTKE DRAWN - R. BEST CHECKED - T. HAMILTON DATE - 10/25/10	REVISED - REVISED - REVISED - REVISED -	<p align="center">VILLAGE OF CARPENTERSVILLE</p> <p align="center">CROSS SECTIONS DUNDEE ROAD (IL ROUTE 68)</p>	F.A. RTE. - SECTION - 06-00074-00-FP COUNTY - KANE TOTAL SHEETS - 211 SHEET NO. - 197	* FAU 2414, FAU 1280, FAP 343 FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT	CONTRACT NO. 63504
	SCALE: 1" = 5' SHEET NO. 9 OF 23 SHEETS STA. 520+00.00 TO STA. 520+50.00						

DATE	
BY	
FINISHED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

SEC GROUP, INC.
 PROJECT CONTACT: A. JAW
 DATE PLOTTED: 11/2/2010 10:58:49 AM
 FILE NAME: 060226-sec-dundee.dgn
 PLOT DRIVER: pdt.plt
 PEN TABLE: standard-trans.tbl



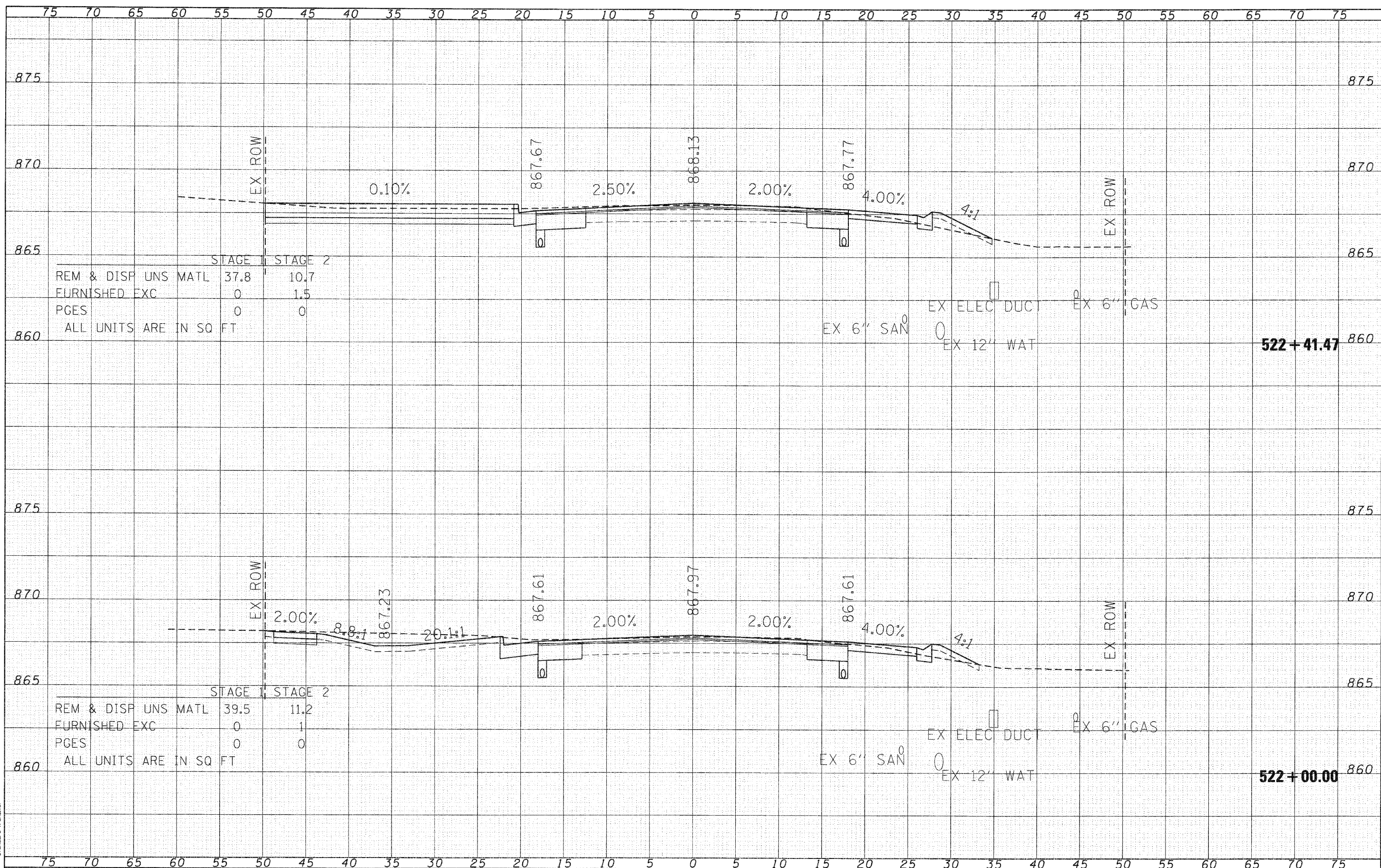
STAGE 1		STAGE 2	
REM & DISP	41.6	16.8	
UNSMATL			
FURNISHED EXC	0	0	
PGES	0	0	
ALL UNITS ARE IN SQ FT			

STAGE 1		STAGE 2	
REM & DISP	25.3	11.2	
UNSMATL			
FURNISHED EXC	0	0	
PGES	0	0	
ALL UNITS ARE IN SQ FT			

DATE	
BY	
NO.	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 VILLAGE OF CARPENTERSVILLE
 060170-xec-060006.dgn
 11/2/2010



SEC Group, Inc.
 420 N. First Street
 Maitland, FL 32751
 407.876.1770 | 407.876.1781
 www.secgroup.com

USER NAME = CHe-Uke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

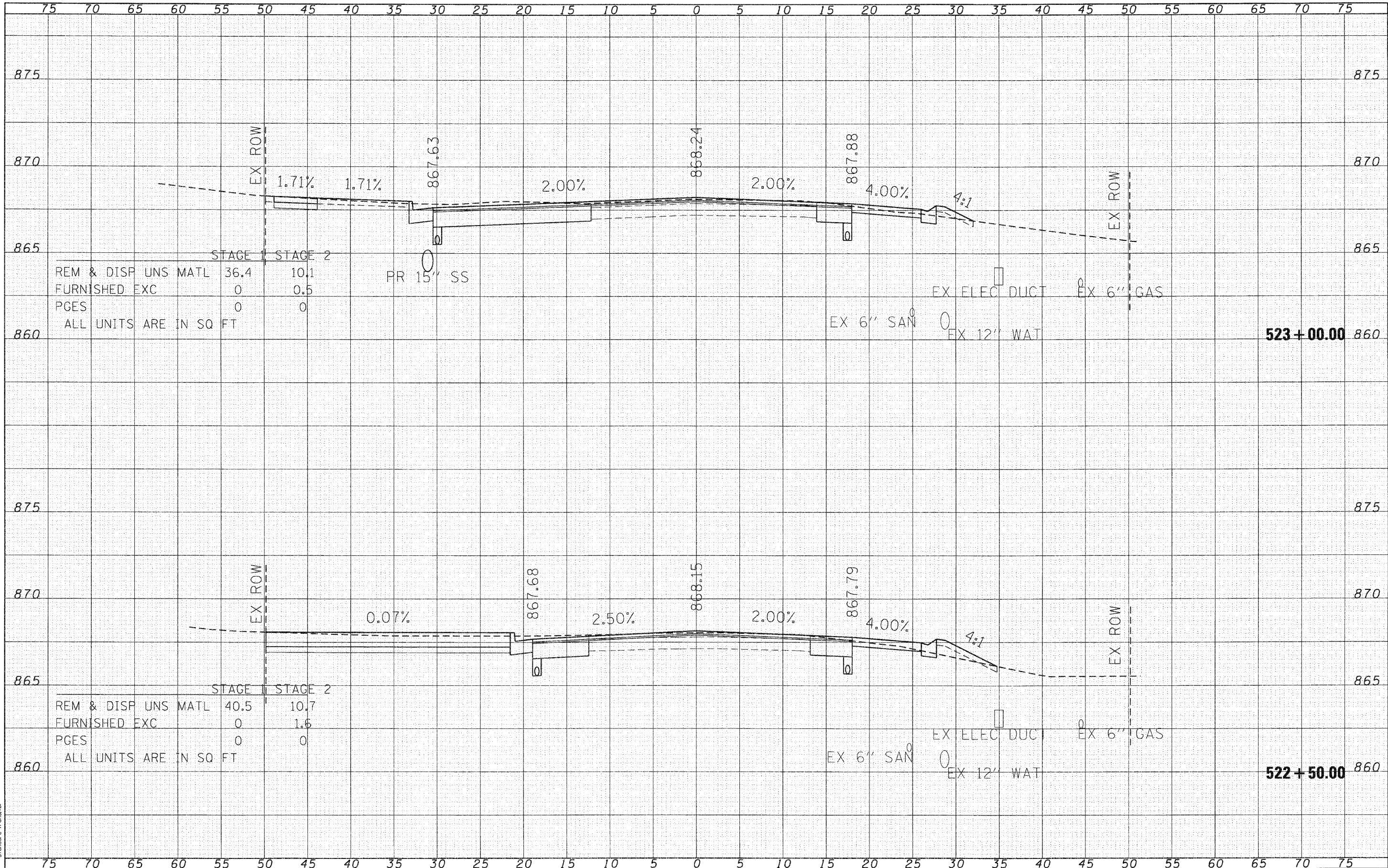
CROSS SECTIONS
DUNDEE ROAD (IL ROUTE 68)
 SCALE: 1" = 5' | SHEET NO. 11 OF 23 SHEETS | STA. 522+00.00 TO STA. 522+41.47

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	199
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
FLIPPED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
FLIPPED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 VILLAGE OF CARPENTERSVILLE
 CLIENT: VILLAGE OF CARPENTERSVILLE
 FILE NAME: 06-00074-00-FP
 PLOT DRIVER: default: sec-survey.dgn
 PEN TABLE: standard-trans.tbl



STAGE 1	STAGE 2	
REM & DISP UNS MATL	36.4	10.1
FURNISHED EXC	0	0.5
PGES	0	0
ALL UNITS ARE IN SQ FT		

USER NAME	= CHa-UKa		
DESIGNED	- C. HARTKE	REVISED	-
DRAWN	- R. BEST	REVISED	-
CHECKED	- T. HAMILTON	REVISED	-
DATE	- 10/25/10	REVISED	-

DESIGNED	- C. HARTKE	REVISED	-
DRAWN	- R. BEST	REVISED	-
CHECKED	- T. HAMILTON	REVISED	-
DATE	- 10/25/10	REVISED	-

VILLAGE OF CARPENTERSVILLE

CROSS SECTIONS
 DUNDEE ROAD (IL ROUTE 68)

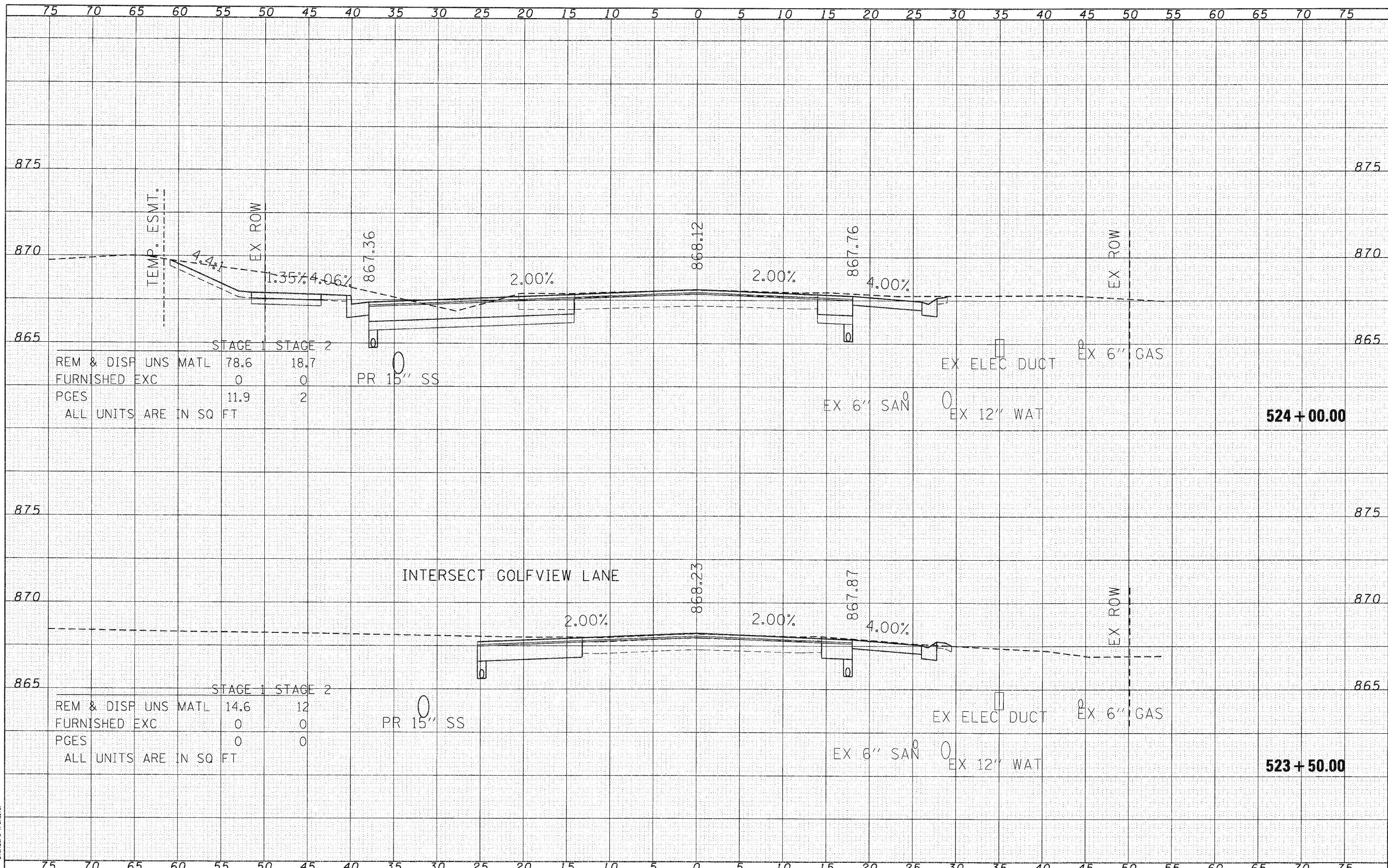
SCALE: 1" = 5' SHEET NO. 12 OF 23 SHEETS STA. 522+50.00 TO STA. 523+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	200
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
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FINISHED SURVEY	
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PLOTTED	
TEMP. DATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTED	
PLOTTED	
TEMP. DATE	
AREAS CHECKED	
NO.	

SEC GROUP, INC.
 A. JAIN
 VILLAGE OF CARPENTERSVILLE
 08/25/10 sec-hundson.dgn
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SEC Group, Inc.
 An HR Group Company
 420 N. First Street
 Mankato, MN 56001-1106
 L 507.336.1779 F 507.336.1751
 www.secgroup.com

USER NAME = CHartke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -
PLLOT SCALE = 1" = 5'		
PLLOT DATE = 11/2/2010		

VILLAGE OF CARPENTERSVILLE

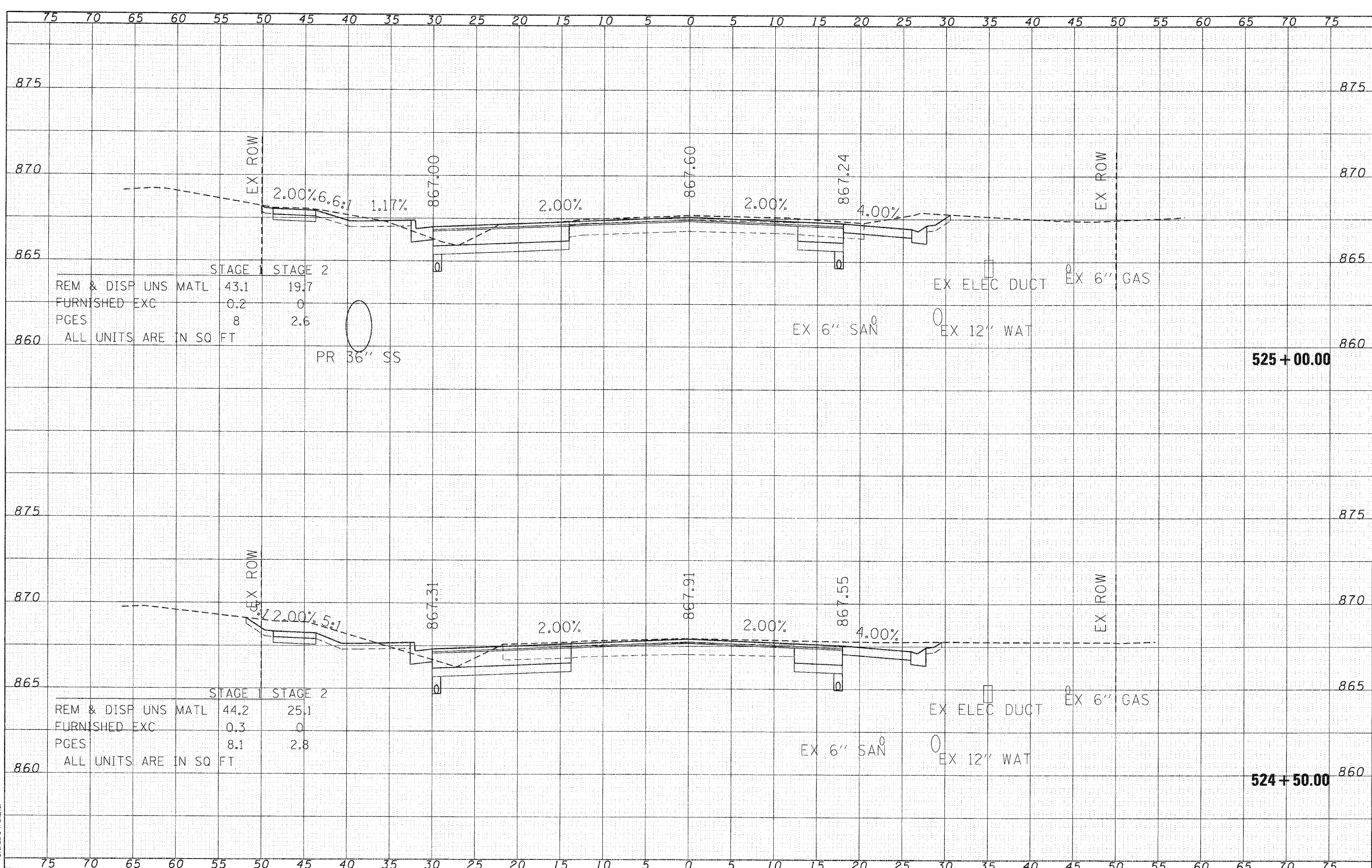
CROSS SECTIONS	
DUNDEE ROAD (IL ROUTE 68)	
SCALE: 1" = 5'	SHEET NO. 13 OF 23 SHEETS
STA. 523+50.00	TO STA. 524+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	201
•	FAU 2414, FAU 1280, FAP 343	CONTRACT NO.	63504	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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

SEC GROUP, INC.
 PROJECT CONTACT: A. JAW
 VILLAGE OF CARPENTERSVILLE
 CLIENT: PLOTTED
 FILE NAME: 060202-xac-dundee.dgn
 PLOT DRIVER: pdp40t
 PEN TABLE: standard-trans.tbl



STAGE 1	STAGE 2	
REM & DISP UNS MATL	43.1	19.7
FURNISHED EXC	0.2	0
PGES	8	2.6
ALL UNITS ARE IN SQ FT		

STAGE 1	STAGE 2	
REM & DISP UNS MATL	44.2	25.1
FURNISHED EXC	0.3	0
PGES	8.1	2.8
ALL UNITS ARE IN SQ FT		

SEC Group, Inc.
 An American Company
 420 N. First Street
 Madison, IL 62201-2138
 P: 618.352.1771 F: 618.352.1781
 www.secgroupinc.com
 800.327.4141 • CHICAGO, IL • CHICAGO, IL

USER NAME =	Chor-the		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	
PLOT SCALE =	1" = 5'		
PLOT DATE =	11/2/2010		

VILLAGE OF CARPENTERSVILLE

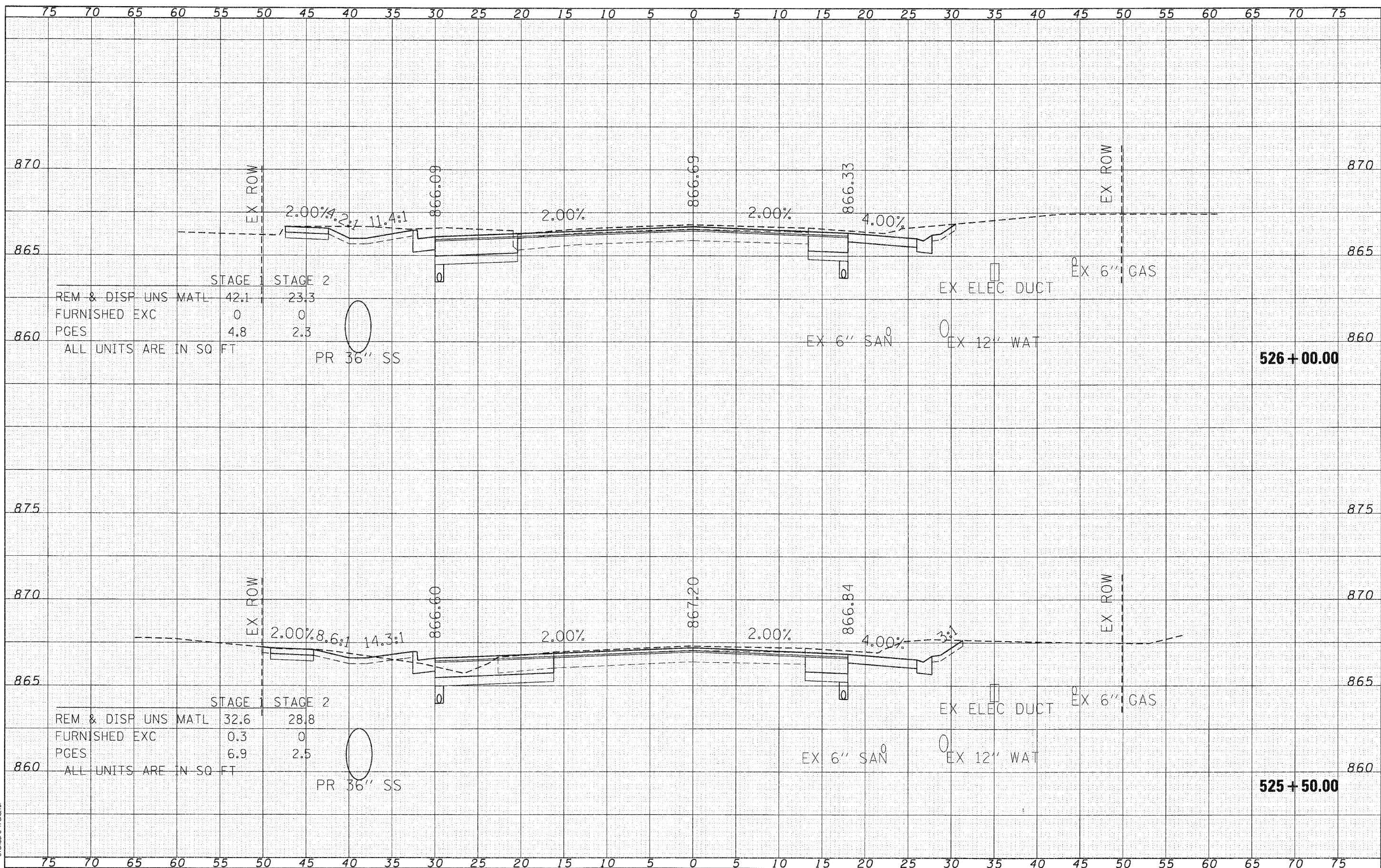
**CROSS SECTIONS
 DUNDEE ROAD (IL ROUTE 68)**
 SCALE: 1" = 5' SHEET NO. 14 OF 23 SHEETS STA. 524+50.00 TO STA. 525+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	202
• FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

DATE	
BY	
FINL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 FILE NAME: 060260-00-000000-00
 PLOT DRIVER: pldrvr.plt
 PEN TABLE: ptable.tbl



SEC Group, Inc.
 420 N. First Street
 Maitland, FL 32751
 407.895.1779 | 1.813.365.1781
 www.secgroupinc.com

USER NAME =	CHARTKE
DESIGNED -	C. HARTKE
DRAWN -	R. BEST
CHECKED -	T. HAMILTON
DATE -	10/25/10
REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

VILLAGE OF CARPENTERSVILLE
CROSS SECTIONS
DUNDEE ROAD (IL ROUTE 68)

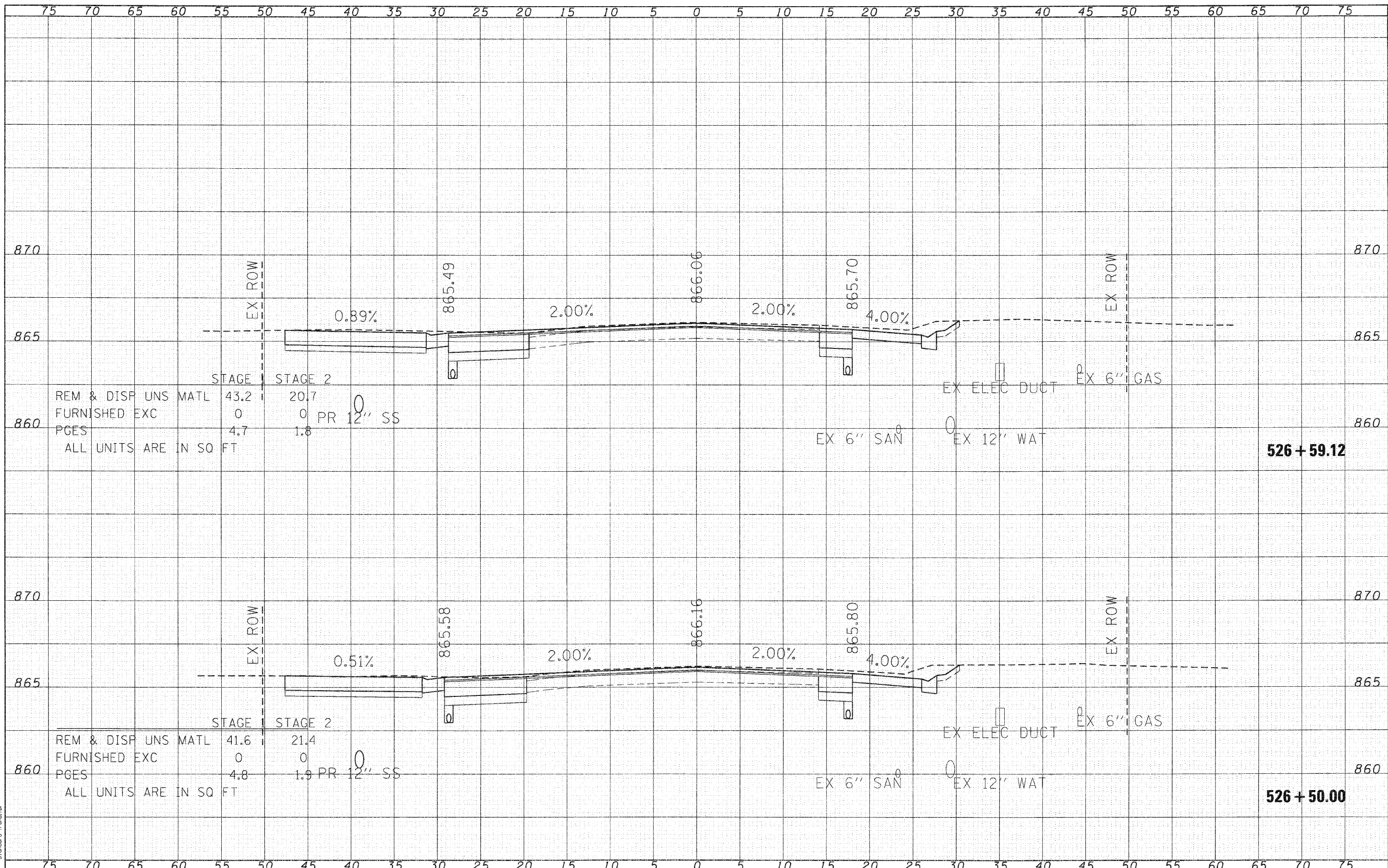
SCALE: 1" = 5'	SHEET NO. 15 OF 23 SHEETS	STA. 525+50.00 TO STA. 526+00.00
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	203
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

SEC GROUP, INC.
 PROJECT CONTACT:
 A. JAIN
 VILLAGE OF CARPENTERSVILLE
 425 N. First Street
 Carpentersville, IL 61814
 618.235.1779 & 618.235.1701
 www.secgroupinc.com



STAGE	STAGE 2	
REM & DISP UNS MATL	43.2	20.7
FURNISHED EXC	0	0
PGES	4.7	1.8
ALL UNITS ARE IN SQ FT		

STAGE	STAGE 2	
REM & DISP UNS MATL	41.6	21.4
FURNISHED EXC	0	0
PGES	4.8	1.9
ALL UNITS ARE IN SQ FT		

SEC Group, Inc.
 Aerial Group Company
 425 N. First Street
 Carpentersville, IL 61814
 618.235.1779 & 618.235.1701
 www.secgroupinc.com

USER NAME	= CHor-ike		
DESIGNED	- C. HARTKE	REVISED	-
DRAWN	- R. BEST	REVISED	-
CHECKED	- T. HAMILTON	REVISED	-
DATE	- 10/25/10	REVISED	-
PLOT SCALE	= 1" = 5'		
PLOT DATE	= 11/2/2010		

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 DUNDEE ROAD (IL ROUTE 68)**

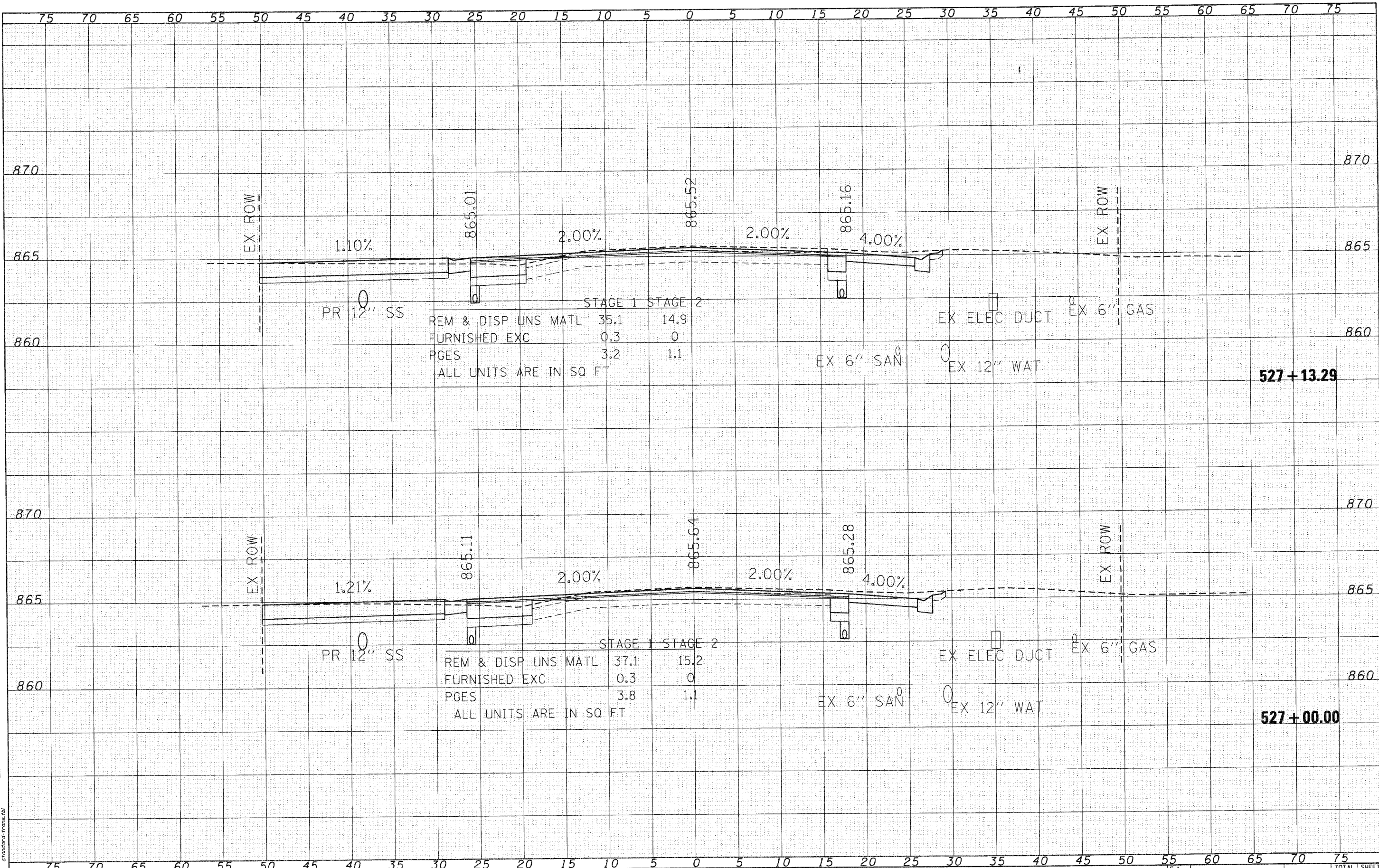
SCALE: 1" = 5' SHEET NO. 16 OF 23 SHEETS STA. 526+50.00 TO STA. 526+59.12

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00074-00-FP	KANE	211	204
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
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COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAW
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 02:50:05 PM
 FILE NAME: 060326-sec-dundeign
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl



STAGE 1		STAGE 2	
REM & DISP UNS MATL	35.1	14.9	
FURNISHED EXC	0.3	0	
PGES	3.2	1.1	
ALL UNITS ARE IN SQ FT			

STAGE 1		STAGE 2	
REM & DISP UNS MATL	37.1	15.2	
FURNISHED EXC	0.3	0	
PGES	3.8	1.1	
ALL UNITS ARE IN SQ FT			

SEC Group, Inc.
 An HOK Group Company
 420 N. First Street
 Chicago, IL 60610-2138
 T: 616.365-1778 F: 616.365-1791
 www.secgroup.com

USER NAME =	CHartke		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	
PLOT SCALE =	1" = 5'		
PLOT DATE =	11/22/2010		

VILLAGE OF CARPENTERSVILLE

**CROSS SECTIONS
 DUNDEE ROAD (IL ROUTE 68)**

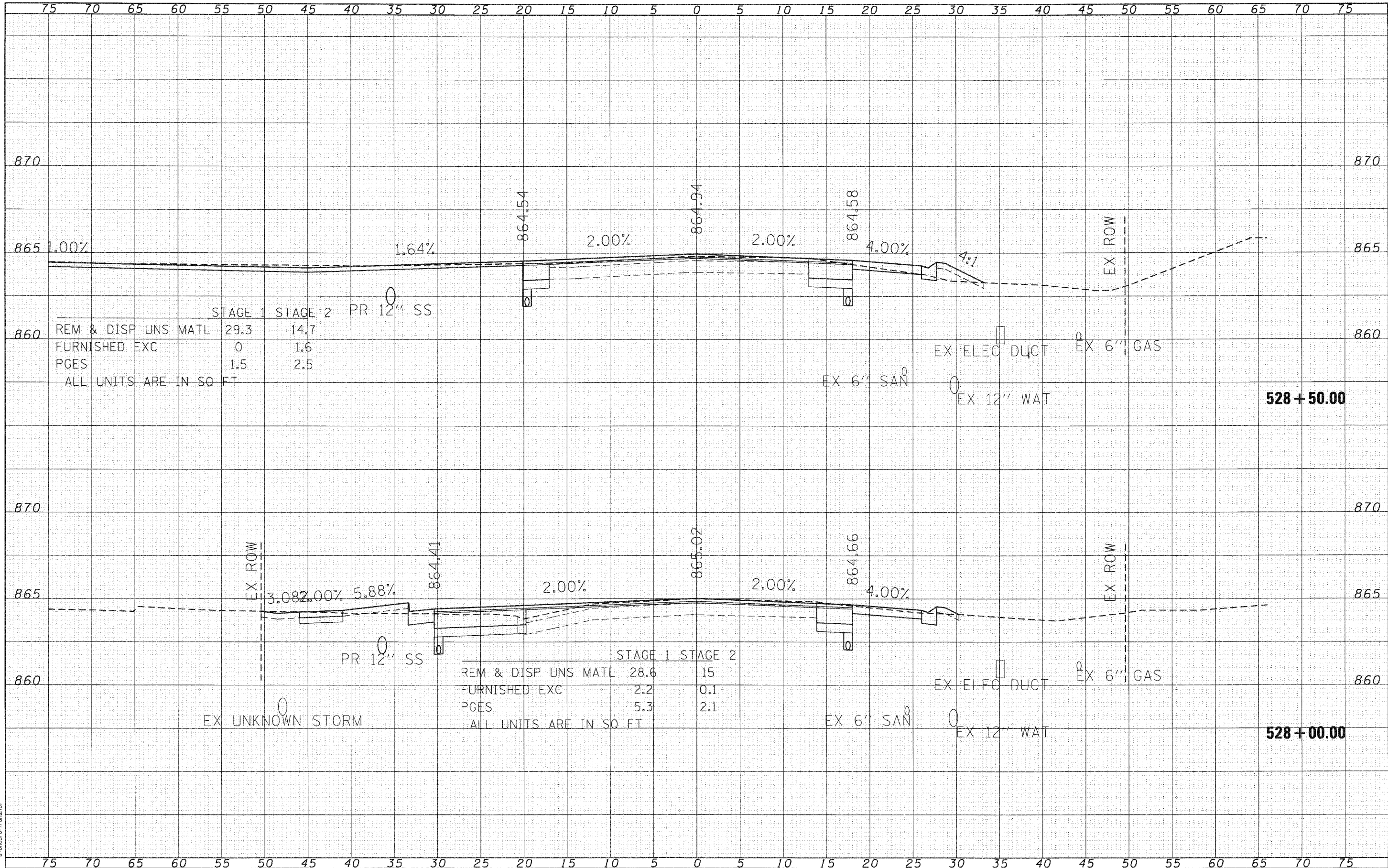
SCALE: 1" = 5' SHEET NO. 17 OF 23 SHEETS STA. 527+00.00 TO STA. 527+13.29

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	205
• FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

SEC GROUP, INC.
 PROJECT CONTACT: J. WAIN
 VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/25/10 12:53:01 PM
 PLOT DRIVER: sec_group\jwain
 PEN TABLE: g:\font\dr-frans.tbl



SEC Group, Inc.
 An IIT Group Company
 420 N. First Street
 Maitland, IL 60152-0128
 P: 618.361.7700 F: 618.361.1781
 www.secgroupinc.com

USER NAME	= Char Uke		
DESIGNED	- C. HARTKE	REVISED	-
DRAWN	- R. BEST	REVISED	-
CHECKED	- T. HAMILTON	REVISED	-
DATE	- 10/25/10	REVISED	-
PLOT SCALE = 1" = 5'			
PLOT DATE = 11/2/2010			

VILLAGE OF CARPENTERSVILLE

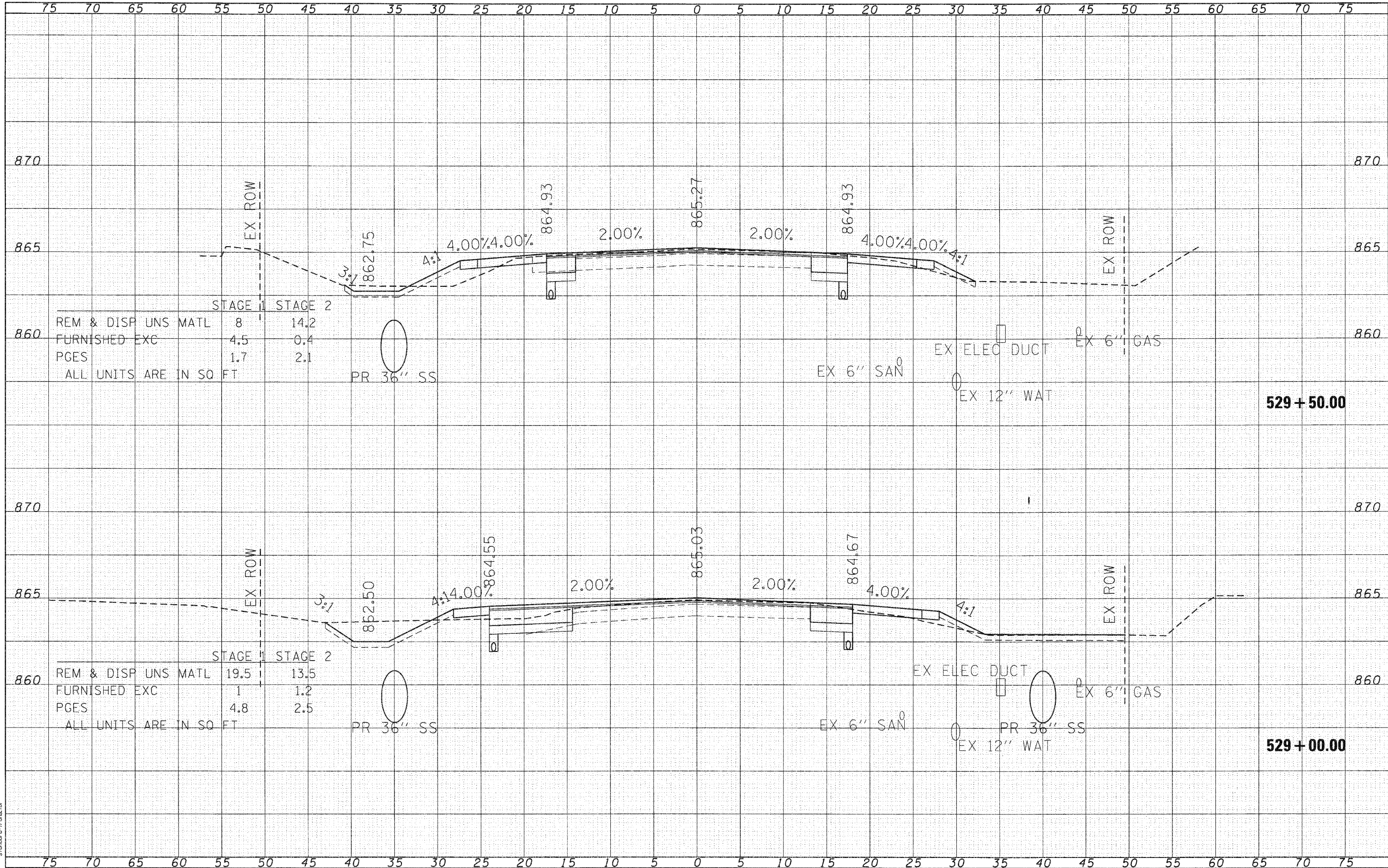
CROSS SECTIONS	
DUNDEE ROAD (IL ROUTE 68)	
SCALE: 1" = 5'	SHEET NO. 19 OF 23 SHEETS
STA. 528+00.00 TO STA. 528+50.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	207
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
TEMP. PLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
TEMP. PLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 DATE PLOTTED: 11/22/2010 12:53:13 PM
 PLOT ORDER: 106-00074-00-PP
 PEN TABLE: Standard Trans.tbl



SEC Group, Inc.
 22181 Clear Company
 423 N. First Street
 Moline, IL 62450-1028
 L 815.361.1778 F 815.361.1781
 www.secgroupinc.com

USER NAME = CHartke	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -
PLOT SCALE = 1" = 5'		
PLOT DATE = 11/22/2010		

VILLAGE OF CARPENTERSVILLE

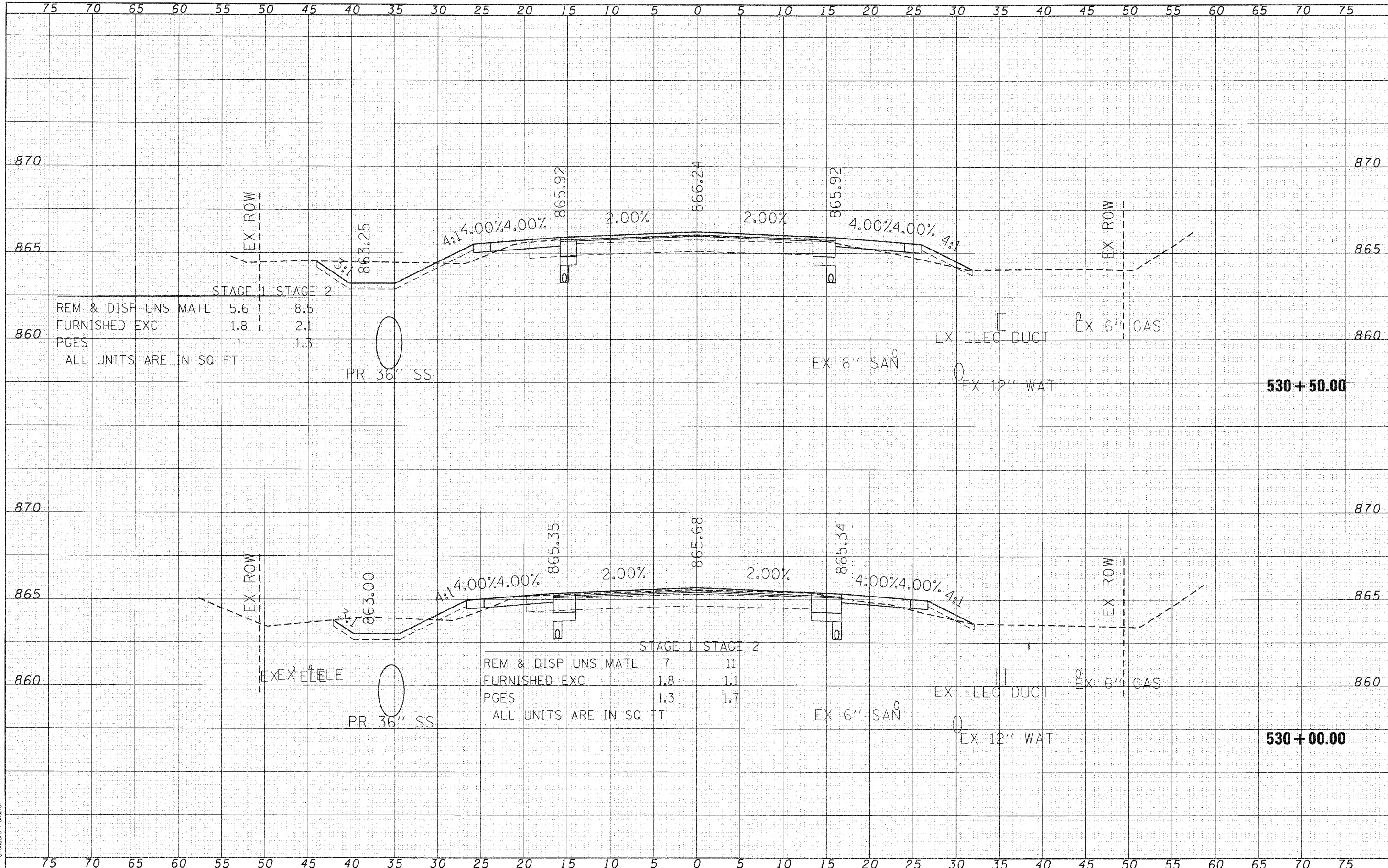
CROSS SECTIONS		
DUNDEE ROAD (IL ROUTE 68)		
SCALE: 1" = 5'	SHEET NO. 20 OF 23 SHEETS	STA. 529+00.00 TO STA. 529+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-PP	KANE	211	209
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	
NOTED	
PLANNED	
REVISIONS	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTED	
PLANNED	
REVISIONS	
NO.	

SEC GROUP, INC.
 COMPANY NAME:
 PROJECT CONTACT: J. WAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 FILE NAME: 06-00074-00-FP
 PLOT DRIVER: pefp
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 2110 River Company
 420 N. First Street
 Moline, IL 62450-1099
 P: 309.242.1779 F: 309.242.1781
 www.secgroupinc.com

USER NAME =	Chiar-tke		
DESIGNED -	C. HARTKE	REVISED -	
DRAWN -	R. BEST	REVISED -	
CHECKED -	T. HAMILTON	REVISED -	
DATE -	10/25/10	REVISED -	
PLOT SCALE =	1" = 5'		
PLOT DATE =	11/2/2010		

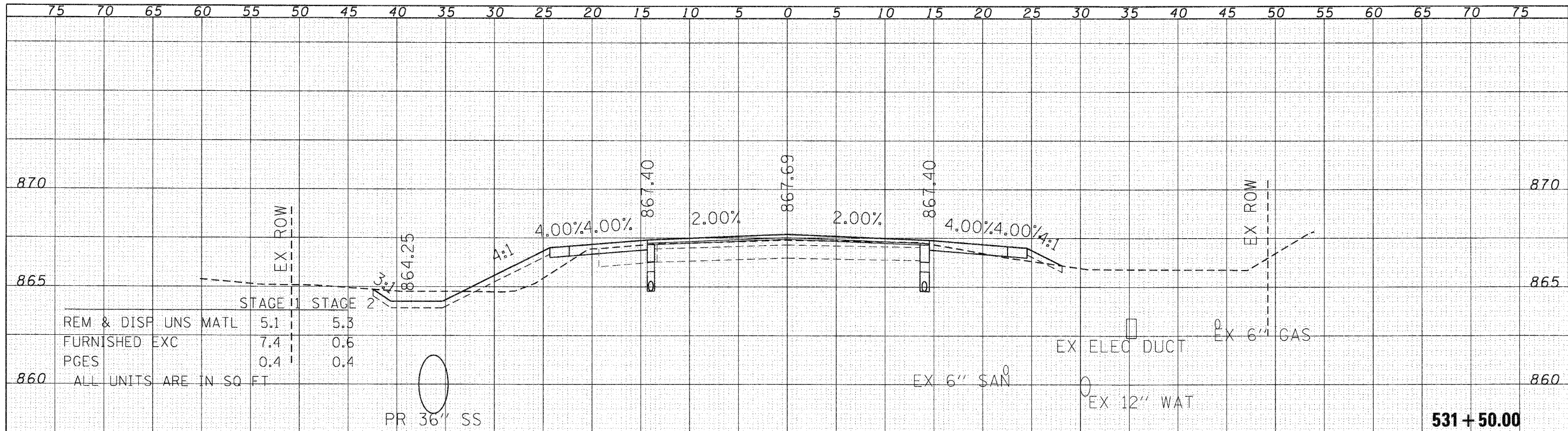
STAGE 1	STAGE 2	
REM & DISP UNS MATL	7	11
FURNISHED EXC	1.8	1.1
PGES	1.3	1.7
ALL UNITS ARE IN SQ FT		

VILLAGE OF CARPENTERSVILLE

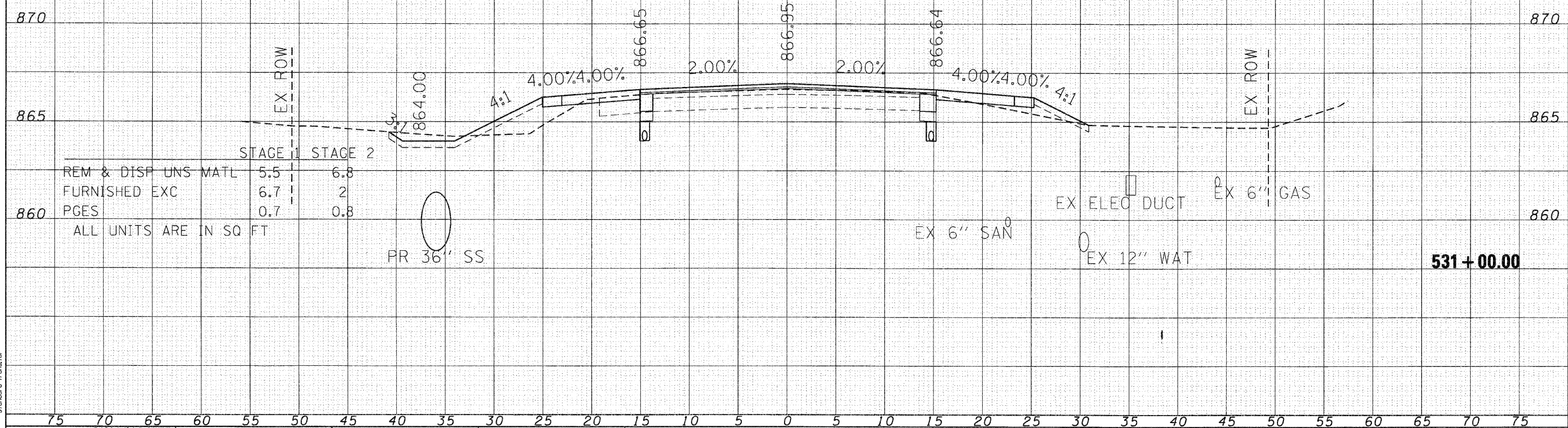
CROSS SECTIONS			
DUNDEE ROAD (IL ROUTE 68)			
SCALE: 1" = 5'	SHEET NO. 21 OF 23 SHEETS	STA. 530+00.00 TO STA. 530+50.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00074-00-FP	KANE	211	209
* FAU 2414, FAU 1280, FAP 343		CONTRACT NO. 63504		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
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NOTE BOOK	
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DATE	
BY	
FINISHED	
SURVEY	
NOTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



SEC GROUP, INC.
 4. JAIN
 VILLAGE OF CARPENTERSVILLE
 420 N. First Street
 Mokena, IL 60459-2136
 815.396.1778 & 815.396.1781
 www.secgroup.com
 *Monroeville, *Northville, *New Lenox, *Chicago, IL

SEC Group, Inc.
 420 N. First Street
 Mokena, IL 60459-2136
 815.396.1778 & 815.396.1781
 www.secgroup.com
 *Monroeville, *Northville, *New Lenox, *Chicago, IL

USER NAME = CHARTKE	DESIGNED - C. HARTKE	REVISED -
	DRAWN - R. BEST	REVISED -
	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -
PLOT SCALE = 1" = 5'		
PLOT DATE = 11/2/2010		

VILLAGE OF CARPENTERSVILLE

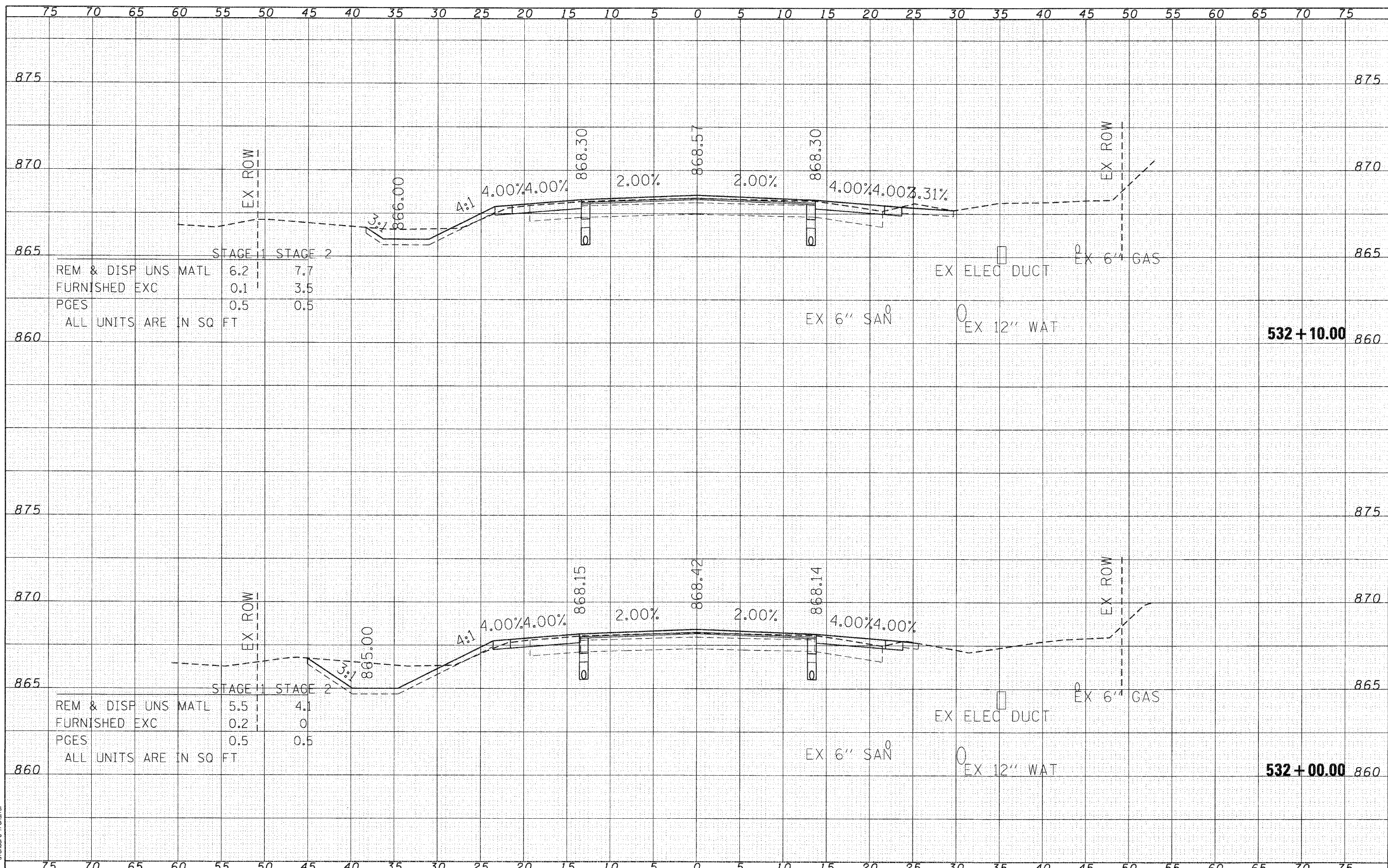
CROSS SECTIONS	
DUNDEE ROAD (IL ROUTE 68)	
SCALE: 1" = 5'	SHEET NO. 22 OF 23 SHEETS
STA. 531+00.00	TO STA. 531+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00074-00-FP	KANE	211	210
* FAU 2414, FAU 1280, FAP 343			CONTRACT NO. 63504	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED	
SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	
PREPARED	

DATE	
BY	
ORIGINAL	
SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	
PREPARED	

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: A. JAIN
 CLIENT: VILLAGE OF CARPENTERSVILLE
 ADDRESS: 12300 N. STATE ST., SUITE 100, CHICAGO, IL 60632
 PHONE: (773) 399-8800
 FAX: (773) 399-8801
 WWW: www.secgroup.com



SEC Group, Inc. An IHS Open Company 450 N. Park Street Melrose, IL 60541 1-773-399-8800 www.secgroup.com	USER NAME = CHARTKE PLOT SCALE = 1" = 5' PLOT DATE = 11/2/2010	DESIGNED - C. HARTKE DRAWN - R. BEST CHECKED - T. HAMILTON DATE - 10/25/10	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF CARPENTERSVILLE CROSS SECTIONS DUNDEE ROAD (IL ROUTE 68) SCALE: 1" = 5' SHEET NO. 23 OF 23 SHEETS STA. 532+00.00 TO STA. 532+10.00	F.A. RTE. = SECTION = 06-00074-00-FP COUNTY = KANE TOTAL SHEETS = 211 SHEET NO. = 211 CONTRACT NO. = 63504 FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT
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