

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3778/1609	04-00027-02-LS	COOK	6	1
ILLINOIS PROJECT: HPD-897 (005)				
CONTRACT NO. 83833				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID PROJECT

F.A.U. ROUTE 3778 CRAWFORD AVENUE AND
F.A.U. ROUTE 1609 167th STREET FENCE INSTALLATION

SECTION: 04-00027-02-LS
PROJECT NO.: HPD-897 (005)
PROJECT LIMITS: 169th STREET TO BRIARGATE DRIVE
COOK COUNTY
JOB NO.: C-91-003-05

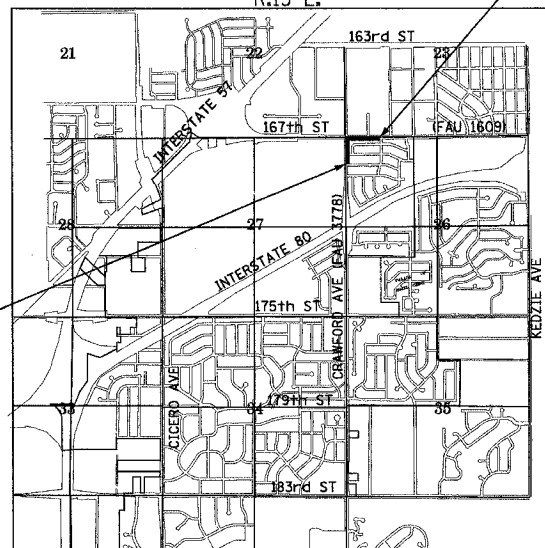
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE
CITY OF COUNTRY CLUB HILLS

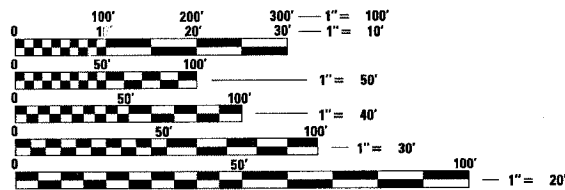
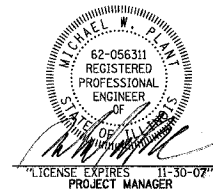
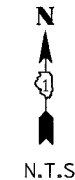


PROJECT: HPD-897 (005)
LOCATION: F.A.U. 1609 167th STREET
ENDS STA. 19+99

LOCATION MAP (NOT TO SCALE)
R.13 E.



PROJECT: HPD-897 (005)
LOCATION: F.A.U. 3778 CRAWFORD AVENUE
BEGINS STA. 58+27



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

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

GROSS LENGTH OF IMPROVEMENT = 1,773 LIN. FT. OR 0.336 MILES
NET LENGTH OF IMPROVEMENTS = 1,773 LIN. FT. OR 0.336 MILES



Baxter & Woodman

TRAFFIC DATA

POSTED OR DESIGN SPEED = 45 MPH
2030 ADT = 48,000

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED: 11-29 20 05
[Signature]
LOCAL AGENCY REPRESENTATIVE

DECEMBER 21 2005
[Signature]
LOCAL ROADS ENGINEER

Dec. 21 20 05
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONTRACT NO. 83833

Burlington, Wisconsin
262.763.7834

Crystal Lake, Illinois
815.459.1260
(OFFICE WHICH PREPARED PLANS)

DeKalb, Illinois
815.787.3111

Mokena, Illinois
708.560.7070

Grayslake, Illinois
847.223.5088

Rockford, Illinois
815.489.1551

PROJECT NO.: 041179

DATE: 9-30-05

I.D.O.T. FEDERAL AID DESIGN ENGINEER: ABIGAIL BRINKS (847) 705-4233 SCHALMURBURG, IL

GENERAL NOTES

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED IN THE STANDARD SPECIFICATIONS. UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL USE CAUTION WHERE THERE ARE POTENTIAL CONFLICTS. PRIOR TO THE CONSTRUCTION OF THE SIGHT SCREEN (WOODEN FENCE), THE CONTRACTOR SHALL NOTIFY THE VILLAGE TO LOCATED EXISTING WATER MAIN, WATER SERVICES, SANITARY SEWER, AND SANITARY SEWER SERVICES WHERE THE PROPOSED SIGHT SCREEN (WOODEN FENCE) WILL CROSS.
3. ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.
4. ALL SAW CUTTING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
5. ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR FLUORESCENT ORANGE VEST AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. FLAGGERS ARE REQUIRED TO WEAR GREEN VESTS AS DESCRIBED IN THE SPECIAL PROVISIONS. COMPLIANCE WITH THIS REQUIREMENT SHALL BE INCLUDED IN THE PAY ITEM FOR TRAFFIC CONTROL AND PROTECTION, STANDARD 701101 AND 701106.
6. DURING CONSTRUCTION STAGING OPERATIONS, THE CITY OF COUNTRY CLUB HILLS POLICE AND FIRE PROTECTION DISTRICTS SHALL BE NOTIFIED IN WRITING 48 HOURS PRIOR TO STREET CLOSURES. EMERGENCY ACCESS SHALL BE ALLOWED AT ALL TIMES.
7. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED-ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
8. CONTRACTOR SHALL PROVIDE DRIVEWAY ACCESS TO PROPERTIES AT ALL TIMES. WHEN CONSTRUCTION IMPACTS A DRIVEWAY, IMPACTED PROPERTY OWNERS SHALL BE NOTIFIED 48 HOURS PRIOR.
9. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
10. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF COUNTRY CLUB HILLS.
11. MAILBOX RELOCATION SHALL BE INCLUDED IN THE COST OF SIGHT SCREEN (WOODEN FENCE).
12. THE EXISTING SIDEWALK SHALL BE PROTECTED DURING CONSTRUCTION. ALL EXISTING SIDEWALK DAMAGED DURING CONSTRUCTION REQUIRES REMOVAL AND REPLACEMENT. THIS WORK SHALL BE INCLUDED IN THE COST OF SIGHT SCREEN (WOODEN FENCE).
13. WHERE POSSIBLE, EXISTING UTILITY POLES SHALL BE CENTERED BETWEEN PROPOSED FENCE POSTS TO ALLOW FOR FUTURE ACCESS. THE CONTRACTOR SHALL MARK THE LOCATIONS OF EACH POST AND RECEIVE APPROVAL FROM THE ENGINEER PRIOR TO THE COMMENCEMENT OF POST HOLE EXCAVATION.

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
701101-01	OFF-ROAD OPERATIONS, MULTILANE, 4.5m (15') TO 600mm (24") FROM PAVEMENT EDGE
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 45m (15') AWAY
701606-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701801-03	LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-05	TRAFFIC CONTROL DEVICES

INDEX OF SHEETS

SHEET NO.	TITLE
1.	COVER SHEET
2.	STATE STANDARDS, INDEX OF SHEETS, BENCHMARKS, SUMMARY OF QUANTITIES AND GENERAL NOTES
3.	TYPICAL SECTIONS AND MISCELLANEOUS DETAILS
4.-5.	PLAN SHEETS: CRAWFORD AVENUE & 167TH STREET
6.	TC-10 DISTRICT 1 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS

BENCHMARKS

TBM #4	RR SPIKE SET IN NORTH FACE OF POWER POLE 1ST POLE WEST OF BRIARGATE AND 167TH STREET ELEV. = 668.97
CP #6	CUT CROSS SET IN SIDEWALK 9' SOUTH OF WALK END S.E CORNER OF CRAWORD AVE. & 167TH STREET ELEV. = 659.93

SUMMARY OF QUANTITIES

F.A.U. ROUTE 3778 / CRAWFORD AVENUE
F.A.U. ROUTE 1609 / 167TH STREET

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	60.98	60.98
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,110	1,110
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	34.4	34.4
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	34.4	34.4
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	34.4	34.4
25200100	SODDING	SQ YD	2,772	2,772
28000510	INLET FILTERS	EACH	12	12
64100215	SIGHT SCREEN (WOODEN FENCE), TYPE S 6'	FOOT	1,773	1,773
67100100	MOBILIZATION	L SUM	1	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
* 70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0022800	FENCE REMOVAL	FOOT	1,360	1,360
XX005656	INLET FILTER CLEANING	EACH	48	48

* INDICATES SPECIALTY ITEM

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CONSULTANTS	REV. NO.	DATE	DESCRIPTION
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* REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS			

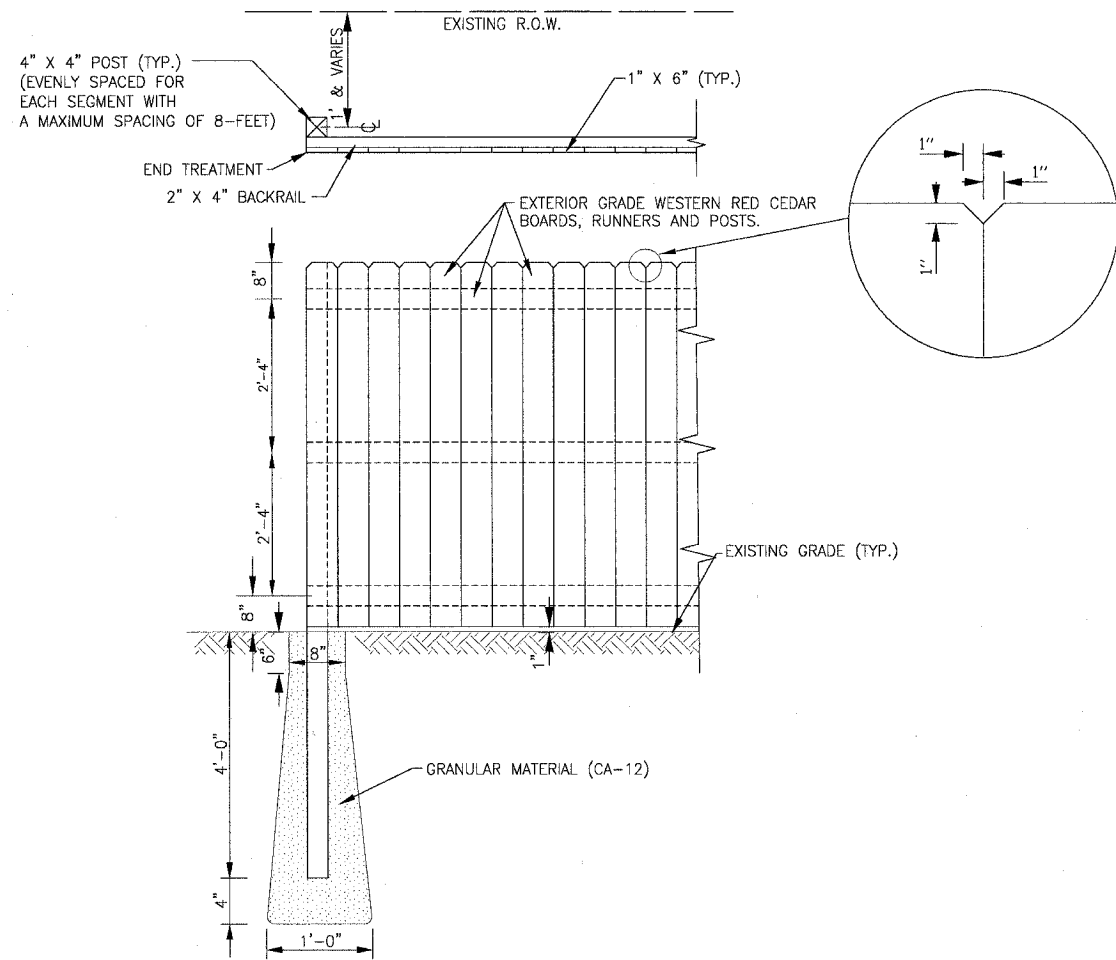


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 Burlington, Wisconsin 262.763.7034
 Mokena, Illinois 708.479.8090
 DeKalb, Illinois 815.787.3111
 Graylake, Illinois 815.893.5088
 Rockford, Illinois 815.489.1661

CITY OF COUNTRY CLUB HILLS, ILLINOIS
CRAWFORD AVENUE & 167TH STREET
FENCE INSTALLATION

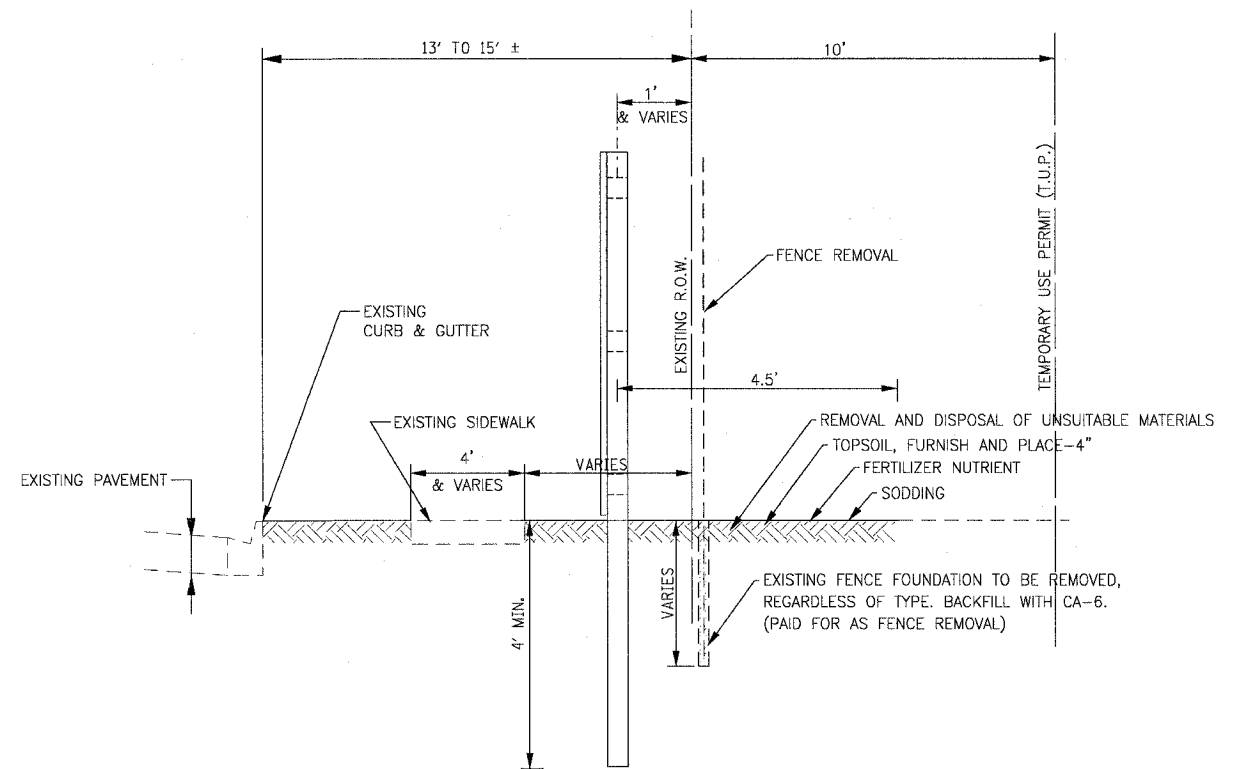
**STATE STANDARDS, INDEX OF SHEETS,
 BENCHMARKS, SUMMARY OF QUANTITIES,
 AND GENERAL NOTES**

DESIGNED BY	SCALE
MWP	NONE
DRAWN BY	PROJECT NO.
CJC	041179
CHECKED BY	SHEET NO.
NJP	2 OF 6
DATE	
09/30/05	



SIGHT SCREEN (WOODEN FENCE) DETAIL

NO SCALE



EXISTING AND PROPOSED TYPICAL SECTION

CRAWFORD AVENUE STA. 58+27 TO STA. 69+00
 167TH STREET STA. 10+00 TO STA. 19+99
 NO SCALE

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 Rockford, Illinois 815.489.1551

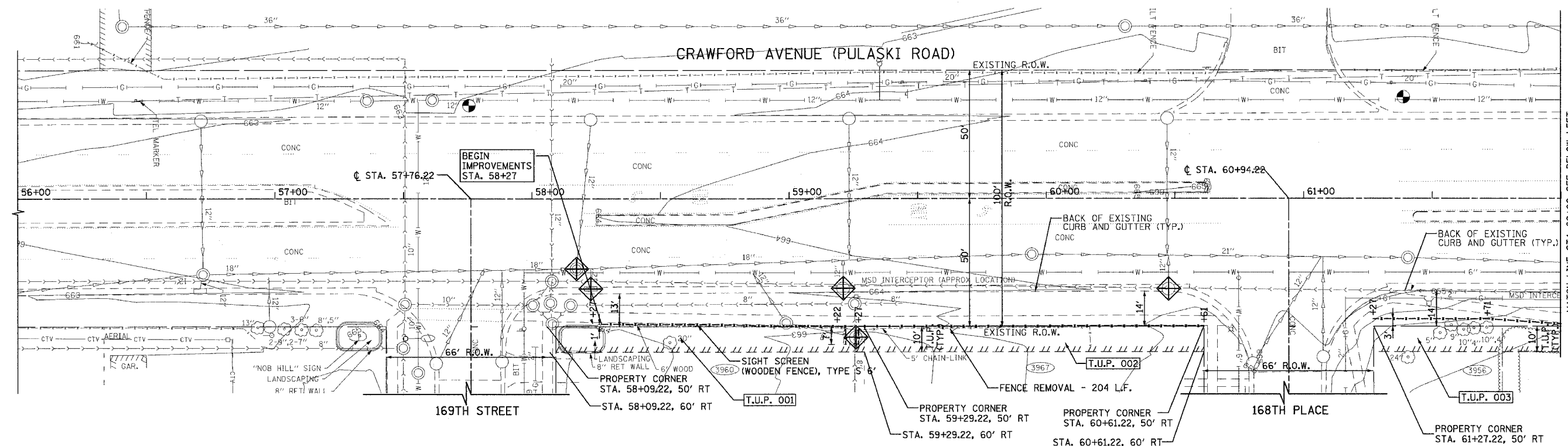
CITY OF COUNTRY CLUB HILLS, ILLINOIS
CRAWFORD AVENUE & 167TH STREET
FENCE INSTALLATION

TYPICAL SECTIONS AND MISCELLANEOUS DETAILS

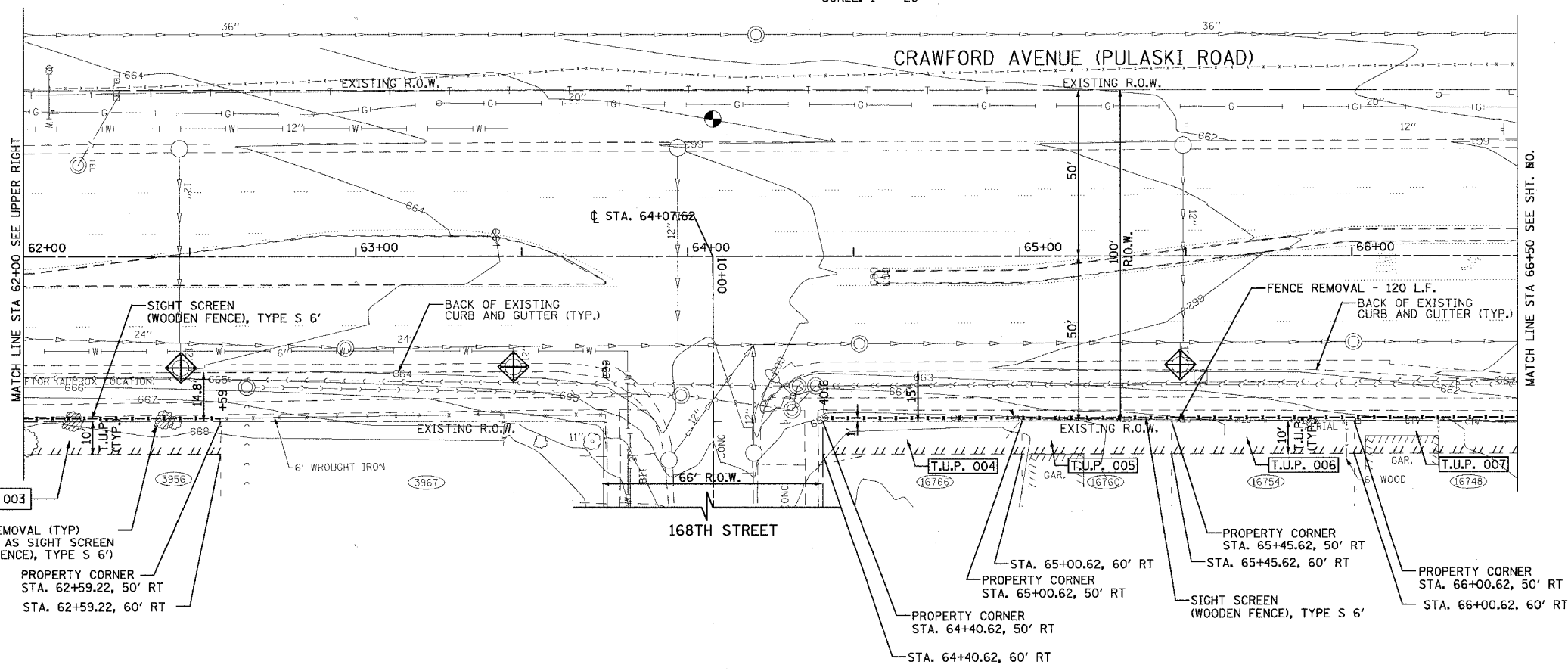
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DRAWN BY	PROJECT NO.
C.J.C.	041179
CHECKED BY	SHEET NO.
N.J.P.	3 OF 6
DATE	
09/30/05	

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SCALE: 1" = 20'



SCALE: 1" = 20'



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* REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS

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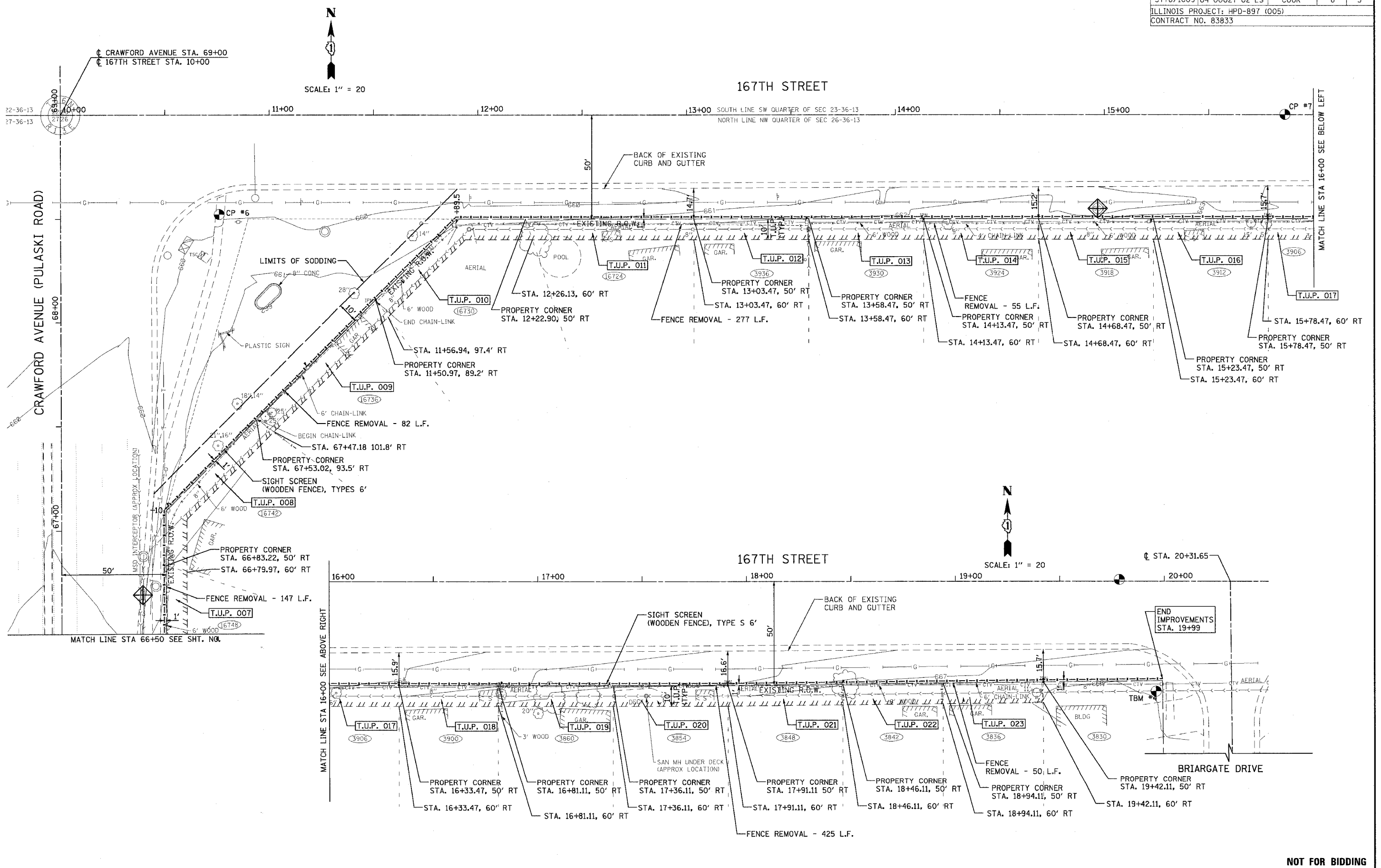


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 Graylake, Illinois 847.233.5088
 Rockford, Illinois 815.489.1551

CITY OF COUNTRY CLUB HILLS, ILLINOIS
CRAWFORD AVENUE & 167TH STREET
FENCE INSTALLATION

PLAN
CRAWFORD AVENUE
STA 56+00 TO STA 66+50

DESIGNED BY	MWP	SCALE	1" = 20'
DRAWN BY	CJC	PROJECT NO.	041179
CHECKED BY	NJP	SHEET NO.	4 OF 6
DATE	09/30/05		



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REV. NO.	DATE	DESCRIPTION
1	11/16/05	PER I.D.O.T. REVIEW

CONSULTANTS	DESCRIPTION
BAXTER & WOODMAN	Consulting Engineers

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 Burlington, Wisconsin 262.763.7834
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 DeKalb, Illinois 815.787.3111
 Graystake, Illinois 847.283.6988
 Rockford, Illinois 815.489.1551

CITY OF COUNTRY CLUB HILLS, ILLINOIS
CRAWFORD AVENUE & 167TH STREET
FENCE INSTALLATION

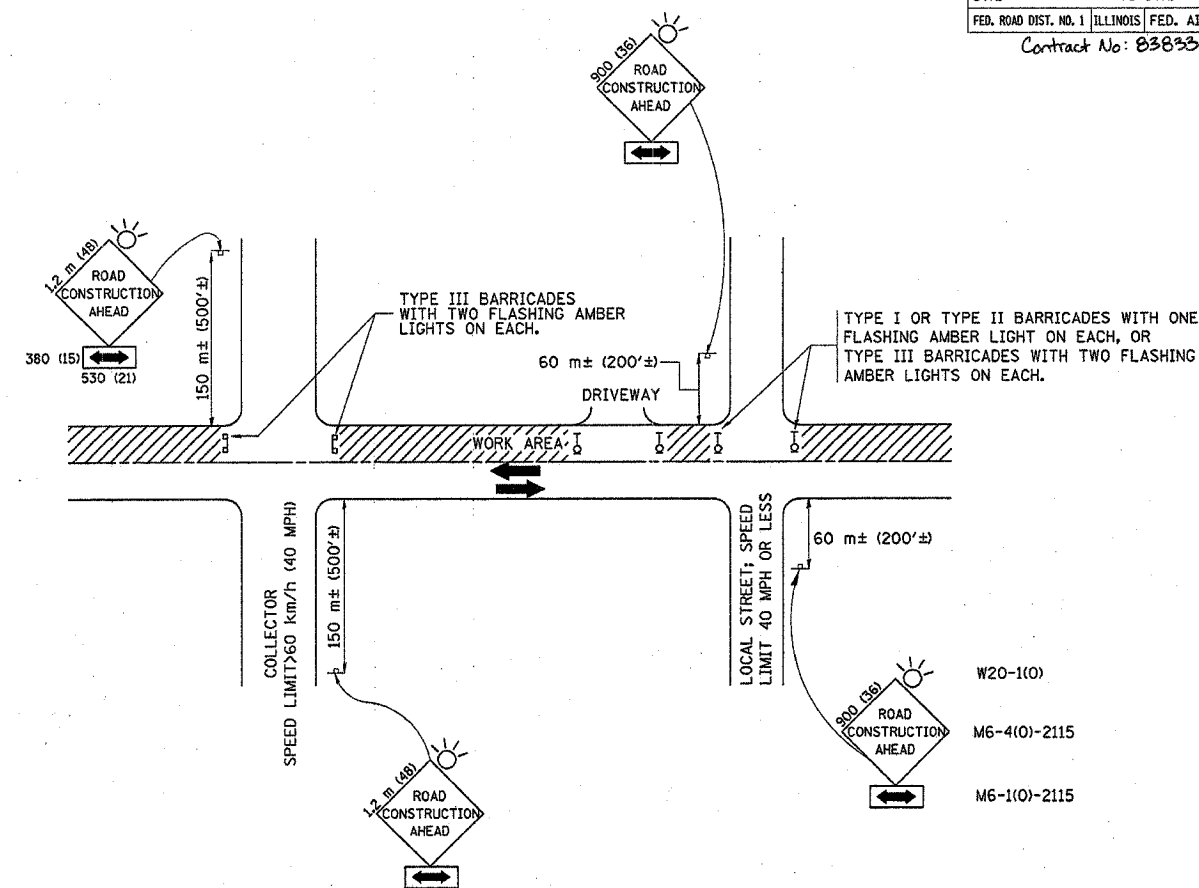
PLAN
CRAWFORD AVENUE
STA. 66 + 50 TO STA. 69 + 00
167TH STREET
STA 10 + 00 TO STA 20 + 50

DESIGNED BY	MWP	SCALE	1" = 20'
DRAWN BY	CJC	PROJECT NO.	041179
CHECKED BY	NJP	SHEET NO.	5 OF 6
DATE	09/30/05		

NOT FOR BIDDING

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3778/1609	04-00027-02-LS	COOK	6	6
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Contract No: 03833



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') IN ADVANCE OF THE MAIN ROUTE.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.
 - 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.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL AND PROTECTION
 FOR
 SIDE ROADS, INTERSECTIONS, AND
 DRIVEWAYS**

SCALE: VERT.
 HORIZ.
 DATE 12/04/2002

DRAWN BY
 CHECKED BY
 TC-10

REVISION DATE: 01/06/00