CONTRACT NO. 83844

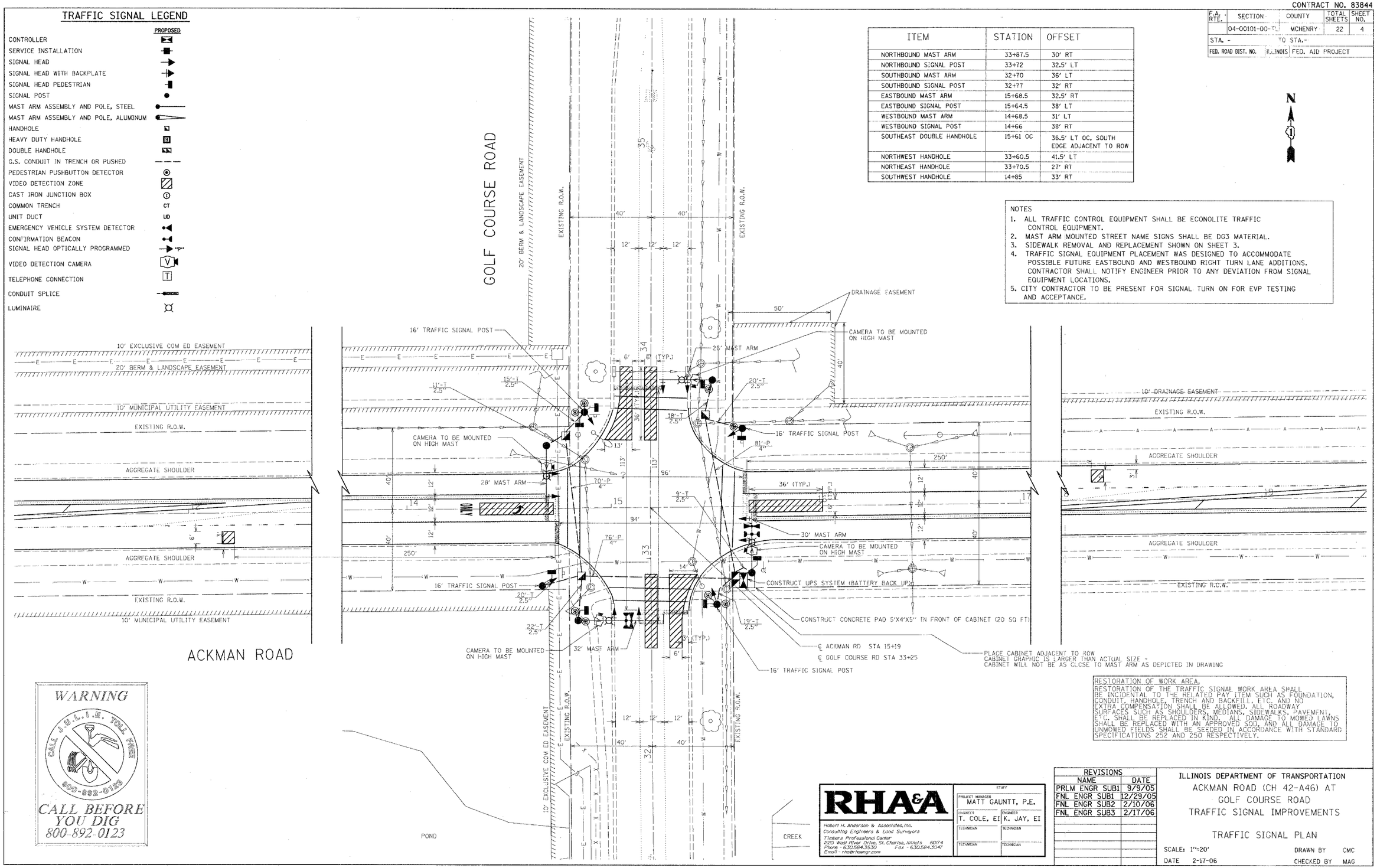
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00101-00-TL	MCHENRY	22	4
STA. -		TO STA.-		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

	PROPOSED
CONTROLLER	
SERVICE INSTALLATION	
SIGNAL HEAD	
SIGNAL HEAD WITH BACKPLATE	
SIGNAL HEAD PEDESTRIAN	
SIGNAL POST	
MAST ARM ASSEMBLY AND POLE, STEEL	
MAST ARM ASSEMBLY AND POLE, ALUMINUM	
HANDHOLE	
HEAVY DUTY HANDHOLE	H
DOUBLE HANDHOLE	
G.S. CONDUIT IN TRENCH OR PUSHED	
PEDESTRIAN PUSHBUTTON DETECTOR	
VIDEO DETECTION ZONE	
CAST IRON JUNCTION BOX	J
COMMON TRENCH	CT
UNIT DUCT	UD
EMERGENCY VEHICLE SYSTEM DETECTOR	
CONFIRMATION BEACON	
SIGNAL HEAD OPTICALLY PROGRAMMED	HP
VIDEO DETECTION CAMERA	V
TELEPHONE CONNECTION	T
CONDUIT SPLICE	
LUMINAIRE	

ITEM	STATION	OFFSET
NORTHBOUND MAST ARM	33+87.5	30' RT
NORTHBOUND SIGNAL POST	33+72	32.5' LT
SOUTHBOUND MAST ARM	32+70	36' LT
SOUTHBOUND SIGNAL POST	32+77	32' RT
EASTBOUND MAST ARM	15+68.5	32.5' RT
EASTBOUND SIGNAL POST	15+64.5	38' LT
WESTBOUND MAST ARM	14+68.5	31' LT
WESTBOUND SIGNAL POST	14+66	38' RT
SOUTHEAST DOUBLE HANDHOLE	15+61 OC	36.5' LT OC, SOUTH EDGE ADJACENT TO ROW
NORTHWEST HANDHOLE	33+60.5	41.5' LT
NORTHEAST HANDHOLE	33+70.5	27' RT
SOUTHWEST HANDHOLE	14+85	33' RT

NOTES
1. ALL TRAFFIC CONTROL EQUIPMENT SHALL BE ECONOLITE TRAFFIC CONTROL EQUIPMENT.
2. MAST ARM MOUNTED STREET NAME SIGNS SHALL BE DG3 MATERIAL.
3. SIDEWALK REMOVAL AND REPLACEMENT SHOWN ON SHEET 3.
4. TRAFFIC SIGNAL EQUIPMENT PLACEMENT WAS DESIGNED TO ACCOMMODATE POSSIBLE FUTURE EASTBOUND AND WESTBOUND RIGHT TURN LANE ADDITIONS. CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO ANY DEVIATION FROM SIGNAL EQUIPMENT LOCATIONS.
5. CITY CONTRACTOR TO BE PRESENT FOR SIGNAL TURN ON FOR EVP TESTING AND ACCEPTANCE.



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 ROADWAY 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 SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

WARNING
CALL J.U.L.I.E. TOLL FREE
800-892-0123
CALL BEFORE YOU DIG
800-892-0123

PLOT DATE = 02/17/2006
FILE NAME = H:\Capital Lake\156903-Ackman\Dsngn\Dgn\B4TS01.dgn

RHA&A
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Timbers Professional Center
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Phone - 630.584.3530 Fax - 630.584.3047
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STAFF	
PROJECT MANAGER: MATT GAUNTT, P.E.	
ENGINEER: T. COLE, EI	ENGINEER: K. JAY, EI
TECHNICIAN	TECHNICIAN
TECHNICIAN	TECHNICIAN

REVISIONS	
NAME	DATE
PRLM ENGR SUB1	9/9/05
FNL ENGR SUB1	12/29/05
FNL ENGR SUB2	2/10/06
FNL ENGR SUB3	2/17/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
ACKMAN ROAD (CH 42-A46) AT
GOLF COURSE ROAD
TRAFFIC SIGNAL IMPROVEMENTS

TRAFFIC SIGNAL PLAN

SCALE: 1"=20' DRAWN BY CMC
DATE 2-17-06 CHECKED BY MAG