LIST OF HIGHWAY STANDARDS

OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" 701101-05 (600 MM) FROM PAVEMENT EDGE

OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' 701106-02 (4.5 M) AWAY

701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION

KENDALL COUNTY HIGHWAY DEPARTMENT

PLANS FOR PROPOSED TRAFFIC SIGNAL MODIFICATION

INDEX OF SHEETS

1 COVER SHEET

2 TRAFFIC SIGNAL MODIFICATION PLAN AND SCHEDULE OF QUANTITIES

NB MAST ARM

REPLACEMENT

CATERPILLAR DR

3 CABLE PLAN AND PHASE DESTINATION DIAGRAM

TRAFFIC DATA

ORCHARD ROAD

DESIGN DESIGNATION: MINOR ARTERIAL

ADT: 23,200 (2019)

DESIGN SPEED: 45 MPH

POSTED SPEED: 45 MPH

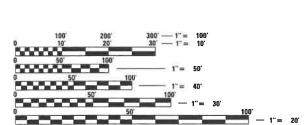
CATERPILLAR DRIVE

DESIGN DESIGNATION: LOCAL ROAD

ADT: 4,550 (2019)

DESIGN SPEED: 30 MPH

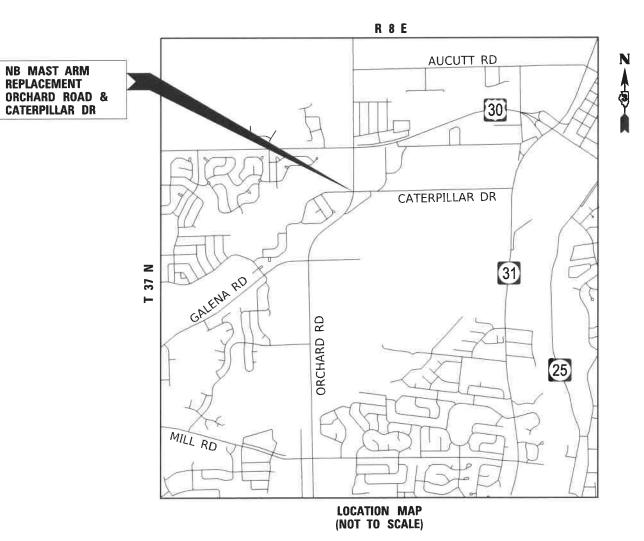
POSTED SPEED: 30 MPH



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

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

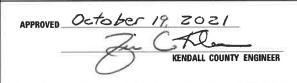
FAU ROUTE 3792 SECTION 21-00165-00-TL NORTHBOUND MAST ARM REPLACEMENT



IMPROVEMENTS LIMITED TO INTERSECTION GROSS LENGTH = N/A NET LENGTH = N/A

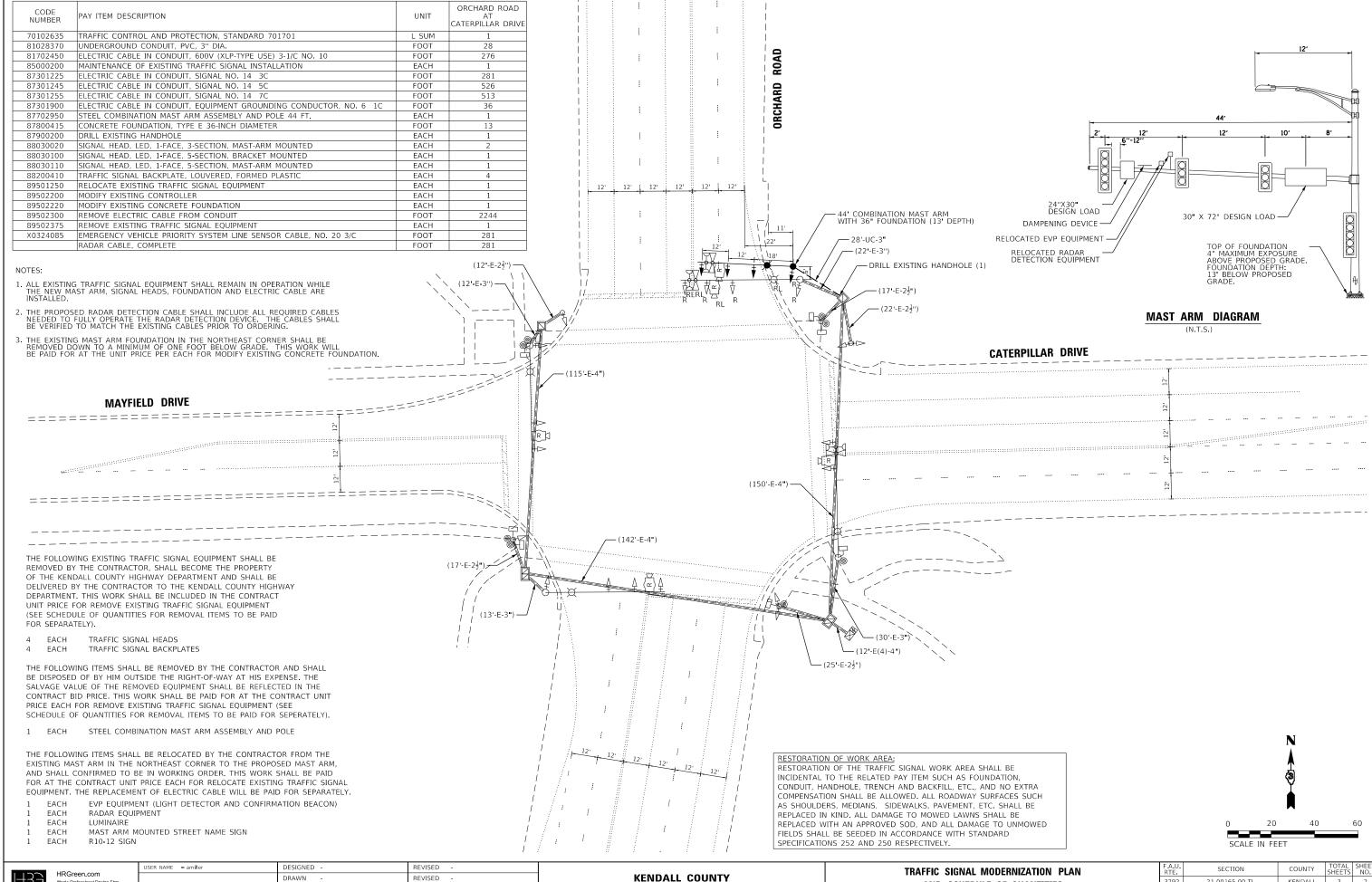
ANTHONY P. SIMMONS, P.E. NO. 062-058414 EXPIRES: 11/30/2021 HR GREEN, INC.







2363 SEQUOIA DRIVE, SUITE 101 | AURORA, ILLINOIS 60506 Phone: 630.553.7560 | Toll Free: 800.728.7805 | Fax: 630.553.7646 | HRGreen.com ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

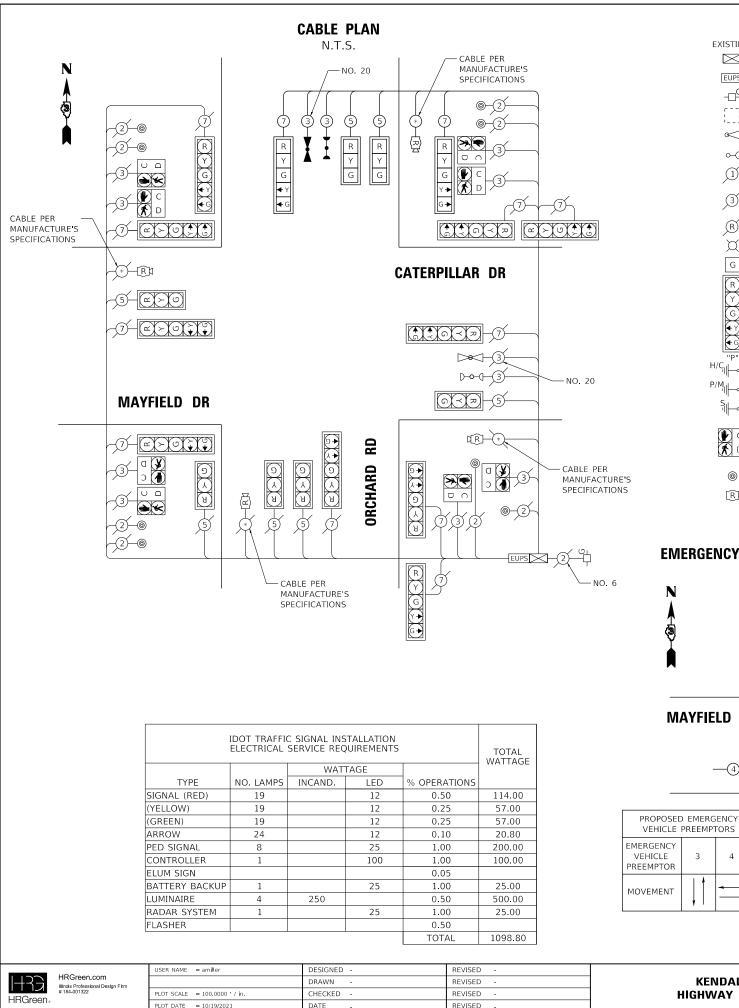


NO.: 210903	Ē	IAME: 210903_stg01.c	DRIVER: IL_Ddf_bw.	144 104014010 - 104
	ROJ. CONTACT:	210903	R: IL-D	01010
ROJECT	ROJ. C	IAME:	DRIVE	ARI F.

HRG

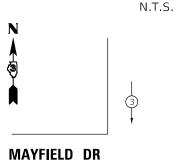
6.5

ER. IL . plo		USER NAME = amiller DESIGNED - REVISED -		TRAFFIC SIGNAL MODERNIZATION PLAN			COUNTY TOTAL SHE SHEETS NO			
AME			DRAWN -	REVISED -	KENDALL COUNTY			3792	21-00165-00-TL	KENDALL 3 2
	HPGroop	PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -	HIGHWAY DEPARTMENT		AND SCHEDULE OF QUANTITIES			CONTRACT NO.
특별물		PLOT DATE = 10/19/2021	DATE -	REVISED -		SCALE:	SHEET OF SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT



	CA	BLE DIAGRAM LEGEND
EXISTING	PROPOSED	
\bowtie		CONTROLLER CABINET
EUPS	UPS	UNINTERRUPTIBLE POWER SUPPLY
-0- ⁶	- E G	SERVICE INSTALLATION
		VEHICILE DETECTION, INDUCTION LOOP
\leq		LIGHT DETECTOR
0(]	•-•	CONFIRMATION BEACON
1		GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
3	3	
R	R	CABLE FOR RADAR DETECTION SYSTEM
ğ	×	LIGHTING UNIT
G	G	X" TRAFFIC SIGNAL SECTION
	R Y G ←Y ←G	SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
H/C	H/C _I I	GROUND CABLE ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
P/M IIII→	^{P/M} ∥ ⊢ ∙	GROUND CABLE ROD AT POST (P) OR MAST ARM
S∥–⊷	S _I I	GROUND CABLE ROD AT ELECTRIC SERVICE INSTALLATION
C C		PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIM
0	۲	PEDESTRIAN PUSH-BUTTON
RÌ	R	RADAR VEHICLE SENSOR

EMERGENCY VEHICLE PREEMPTION SEQUENCE

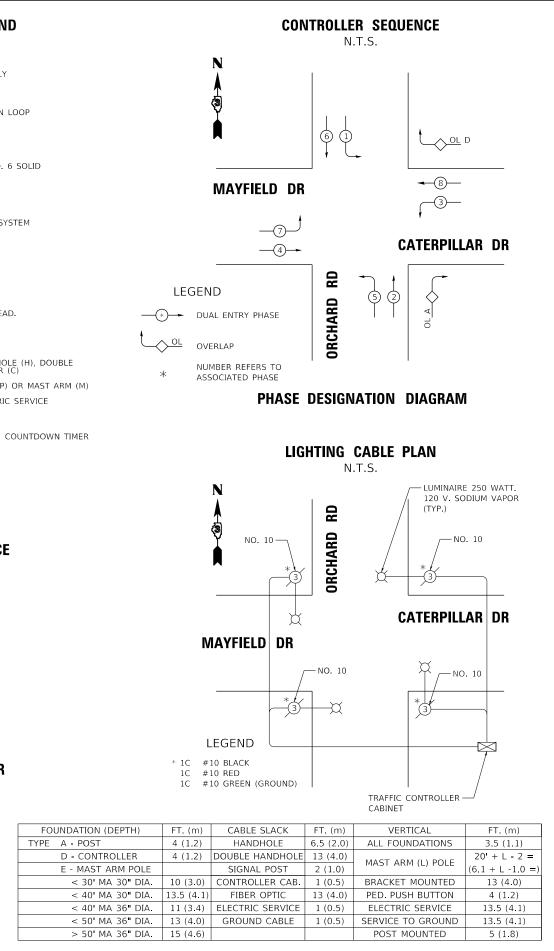


BD

ORCHARD



CATERPILLAR DR



KENDALL COUNTY HIGHWAY DEPARTMENT		PHAS	CABLE E DESTII		
	SCALE:	SHEET	OF	SHEETS	STA

3

AND N DIAGRAM		F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		21-00165-00-TL		KENDALL	3	3			
						CONTRACT	NO.		
	STA.	ΤO	STA.	ILLINOIS FED. AID PROJECT					