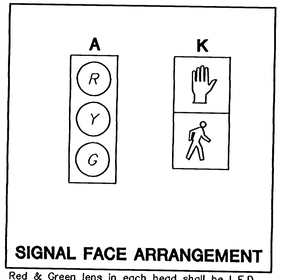
SIGNAL FACE SUMMARY				
STATION	OFFSET	TYPE HEAD	MOUNTING	QTY.
23+95.50	33' LT.	K, A	Side of Pole	1
23+95.50	6' LT.	A	Mast Arm	1
23+95.50	18' LT.	A	Mast Arm	1
24+04.50	33' RT.	K, A	Side of Pole	1
24+04.50	6' RT.	A	Mast Arm	1
24+04.50	18' RT.	A	Mast Arm	1

SIGNAL TIMING	
PROVIDE:	4 SECOND YELLOW
	2 SECOND ALL RED
	8 SECOND WALK
	20 SECOND FLASHING DON'T WALK
	30 SECOND GREEN



SIGNAL FACE ARRANGEMENT

Red & Green lens in each head shall be L.E.D. unit per note.

LEGEND

- Steel Traffic Signal Pole (Joint use)
- Steel Traffic Signal Pole (Std. Pole)
- Pedestal Pole (15' Aluminum)
- Traffic Signal Indication (Type A) w/Back Plate
- Mast Arm Suspended Traffic Signal
- Video Detection Camera
- Service Box
- Controller
- Pedestrian Indication
- Junction Box
- Vehicle Detection Zone
- Detector Number
- Rigid Galvanized Conduit (RGC)
- PVC Conduit
- Meter Box and Power Disconnect
- Overhead Street Name Sign
- Overhead Sign R10-12 (Lt. Yield on Green)

NORTHEAST ELEMENTARY SCHOOL ADDITION LOT 1, BLOCK 1

STA. 23+95.5, 33'LT. INSTALL STEEL SIGNAL POLE WITH 27' MAST ARM & ONE PEDESTRIAN SIGNAL & PUSH BUTTON/SIGN. INSTALL POLE-MOUNTED CONTROLLER (#336 CABINET). BASE ELEV.=187.70; INSTALL SCHOOL CROSSING SIGN (S1-1) & (W16-7)

STA. 24+00.00, 24'LT. REMOVE 8 L.F. OF CURB & GUTTER AND INSTALL WHEELCHAIR RAMP. (TYPE "A") W/SIDEWALK TIE-IN.

STA. 24+07.3, 33'LT. INSTALL SERVICE BOX TOP ELEV.=187.60

KG&E RIGHT-OF-WAY AGREEMENT MISC. BOOK 242, PG. 572) NO WIDTH (POLE LINE LYING 32' WEST OF THE EAST LINE)

10' RIGHT-OF-WAY AGREEMENT MISC. BOOK 629, PG. 124)

35' BLDG. SETBACK

EX. FIREHYDRANT VALVE ELEV.=188.5±

INSTALL METER & DISCONNECT ON WESTAR POLE (STA. 24+45.7± WOODLAWN) 2817 N. WOODLAWN

STA. 25+95, 30'RT. INSTALL (S5-1) & (S5-2) WARNING SIGN W/BEACON

NOTE: INSTALL SCHOOL ADVANCE SIGN. (S1-1; W16-9P), AT STA. 28+50 (LEFT)

2" RGC

1" RGC

EXISTING 4' SIDEWALK

BM #2

CAUTION: UNDERGROUND UTILITIES. VERIFY DEPTH PRIOR TO CONSTRUCTION.

Ex. TC 187.43

Ex. TC 187.36

3" RGC

12" White

24" White

22+00

23+00

25+00

26+00

BL=Section Line

WOODLAWN

WOODLAWN TURN LANES PROJ. #472-83708 & PROJ. #472-84047

40' (Typ.)

REMOVE EXISTING STRIPPING WITHIN PROPOSED CROSSWALK.

100' R/W

48' Fc-Fc

SW Cor. NE 1/4, Sec. 1, T27S, R1E, 6th P.M. Fnd. 3/4" Pipe in Thimble

NW Cor. NE 1/4, Sec. 1, T27S, R1E, 6th P.M. Fnd. 3/4" Pipe in Thimble

STA. 22+05, 35'RT. INSTALL (S5-1) & (S5-2) WARNING SIGN W/BEACON

PROPOSED 5' SIDEWALK

EXISTING 4' SIDEWALK

NOTE: INSTALL SCHOOL ADVANCE SIGN. (S1-1; W16-9P), AT STA. 19+00 (RIGHT)

STA. 23+29.05, 50' RT. CHISLED "X"

20' UTIL. ESMT.

190.0

STA. 24+04.5, 33'RT. INSTALL STEEL SIGNAL POLE WITH ~~27' MAST ARM & ONE~~ PEDESTRIAN SIGNAL & PUSH BUTTON/SIGN. ~~BASE ELEV.=187.60~~ INSTALL SCHOOL CROSSING SIGNS (S1-1) & (W16-7)

STA. 24+00, 24'RT. REMOVE 8 L.F. OF CURB & GUTTER AND INSTALL WHEELCHAIR RAMP. (TYPE "A") W/SIDEWALK TIE-IN

STA. 23+92.7, 33'RT. INSTALL SERVICE BOX TOP ELEV.=187.70

25' BLDG. SETBACK

HINKLE'S ADDITION

GOV. LOT 5, BLOCK 1

PEPPERWOOD VILLAGE ADDITION RESERVE "A"

SCALE: 1"=20'

20 10 0 20

GENERAL NOTES

1. Conduit shall be jacked or bored if not installed before placing of new pavement.
2. Placement of Service/Junction Boxes, Conduit Runs and Controller are typical and may be adjusted as directed by the Engineer to facilitate installation.
3. The Contractor shall contact utility companies which may be affected by the installation of Traffic Signalization prior to any construction.
4. Traffic control devices for work zones in compliance with the Manual on Uniform Trafffic Control Devices shall be provided and maintained by the Contractor at all times during construction.
5. One lane of through traffic each way shall be maintained on Woodlawn during construction of this project.
6. See signal pole details for additional conduit requirements.
7. Red L.E.D. Signal Heads: The red lens in each signal head shall be a self-contained, sealed unit designed to fit a regular 12-inch traffic signal housing. It shall incorporate a minimum of 186 high reliability, high intensity LED indicators. The lens shall provide a light beam spread of 30 degrees on all sides of its center axis which shall be designed to provide a 5 to 7 degree downward angle.

   The lens shall be made of UV stabilized plastic. The rear cover shall be of non-flammable material and the entire unit shall be totally sealed to preclude the entrance of water, dust or other contaminants.

   The self-contained, regulated power supply shall allow the unit to operate over on input voltage range between 89 and 135 volts A.C. and shall be configured in at least 3 parallel circuits for reliability. Light output shall be comparable to that provided by a standard, 12 inch traffic signal lens illuminated by a 150 watt incandescent lamp. The red wave lenght shall be 630 to 660 nm.

   The manufacturer shall warrant the unit against defects in workmanship and materials for a period of at least five years after date of shipment. This warranty shall be assigned to the maintenance agency.

G:\CIVIL\01160\DWG\CROSSWALKJACKSON_ELEM\01160SG1

MKEC ENGINEERING CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

WOODLAWN BLVD. - JACKSON ELEMENTARY
PROJECT NAME

SIGNAL PLAN
SHEET TITLE

MKEC	DAC	JTC
DESIGN BY:	DRAWN BY:	CHECKED BY:
JUNE 2004	01160SG1	2 / 9
DATE	JOB NO.	SHEET/OF