STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0275-01	2002	1	18

KDOT PROJ. NO. 87 N-0275-01
FEDERAL PROJ. NO. STP-N027(501)

NOTE: TRAFFIC WILL BE CARRIED THROUGH CONSTRUCTION IN ACCORDANCE WITH CONSTRUCTION SEQUENCE.

STATE OF KANSAS

DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL IMPROVEMENTS AT

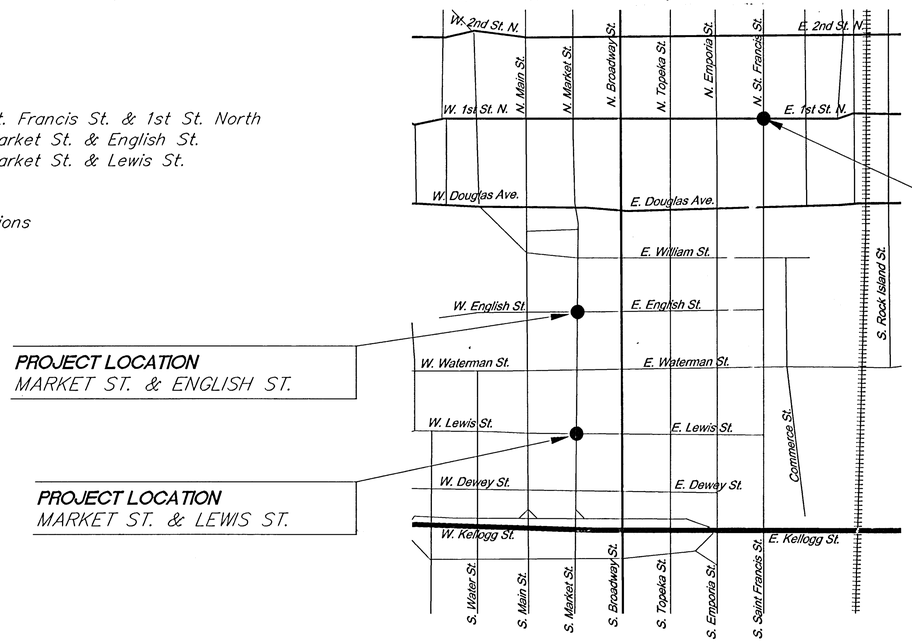
N. ST. FRANCIS STREET & E. 1ST STREET NORTH
S. MARKET STREET & E. ENGLISH STREET
S. MARKET STREET & E. LEWIS STREET

FEDERAL AID PROJECT
CITY OF WICHITA, KANSAS
SEDGWICK COUNTY

PROJECT NO: 472-83367 **OCA: 710215**

INDEX OF SHEETS

Sh. No.	Description
1	Title Sheet
2	General Notes
3	Traffic Signal Plan – St. Francis St. & 1st St. North
4	Traffic Signal Plan – Market St. & English St.
5	Traffic Signal Plan – Market St. & Lewis St.
6	Bill of Materials
7–9	Traffic Signal Details
10–15	Traffic Signal Specifications
16–18	Traffic Control Plans



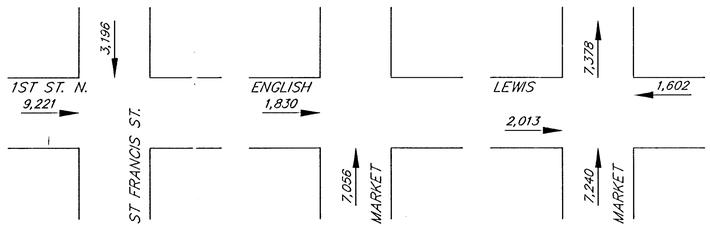
PROJECT LOCATION
ST FRANCIS ST. & 1ST ST. N.

PROJECT LOCATION
MARKET ST. & ENGLISH ST.

PROJECT LOCATION
MARKET ST. & LEWIS ST.

NTS

TRAFFIC VOLUMES (AADT)



CITY POPULATION – 325,000

SUMMARY OF QUANTITIES

	ITEM	QUANTITY	
1.	PEDESTAL MOUNTED CONTROLLER & CABINET	EACH	3
2.	TRAFFIC SIGNAL HEAD W/ MOUNTING HARDWARE	EACH	47
3.	TRAFFIC SIGNAL POLE (9m [30'] STEEL JOINT-USE) W/ MAST ARM	EACH	7
4.	TRAFFIC SIGNAL POLE (9m [30'] STEEL JOINT-USE) NO MAST ARM	EACH	5
5.	CONCRETE FOOTING – POLE	EACH	12
6.	BACK PLATE – 125mm – 3 SECTION	EACH	14
7.	SERVICE BOX	EACH	12
8.	GROUND ROD & CLAMP	EACH	12
9.	RED L.E.D. KIT	EACH	23
10.	YELLOW L.E.D. KIT	EACH	23
11.	GREEN L.E.D. KIT	EACH	23
12.	ORANGE/WHITE L.E.D. KIT	EACH	24
13.	CIRCUIT BREAKER & BOX – 30 AMP	EACH	3
14.	COMMUNICATION CABLE (6-PAIR #19 A.W.G.)	L.M.	15.0
15.	MULTI-CONDUCTOR CABLE (#14 A.W.G. 5/c)	L.M.	860.0
16.	CONDUIT – PVC 50mm [2"]	L.M.	243.0
17.	CONDUIT – RGC 50mm [2"]	L.M.	49.0
18.	CONDUIT – RGC 75mm [3"]	L.M.	156.0
19.	STANDARD CABLE (#8 A.W.G. 1/c) GROUND	L.M.	240.0
20.	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT	L.S.	1
21.	STREET NAME SIGN W/ MOUNTING HARDWARE	EACH	7
22.	ONE-WAY SIGN (R6-1) W/ MOUNTING HARDWARE	EACH	12
23.	ACUTIME 2000 (RS232)	EACH	1
24.	ACUTIME INTERCONNECT CABLE	L.M.	20.0
25.	SIDEWALK REMOVE / REPLACE	S.M.	74.0
26.	SCREW-IN STREET LIGHT BASE	EACH	1
27.			

GROSS LENGTH OF PROJECT	–	km		
EXCEPTIONS	–	km		
NET LENGTH OF PROJECT	–	m	–	km
NET LENGTH OF BRIDGES	–	m	–	km
NET LENGTH OF ROAD	–	m	–	km

KDOT METRIC

All dimensions shown, without a SI suffix, are in millimeters. All elevations shown are in meters.

SCOTT ALLAN CANFIELD 14369 18 JUL 02 KANSAS PROFESSIONAL ENGINEER

PLANS PREPARED AND SUBMITTED BY:

GBA GEORGE BUTLER ASSOCIATES, INC.
Engineers · Architects

18 JUL 02
SCOTT A. CANFIELD, P.E., PTOE — DATE
PROJECT DESIGN ENGINEER

RECOM. FOR APPROVAL – DATE

CHIEF, BUREAU OF TRAFFIC ENGINEERING
KANSAS DEPARTMENT OF TRANSPORTATION

APPROVAL – DATE

CITY ENGINEER
CITY OF WICHITA, KANSAS

APPROVAL – DATE

STATE TRANSPORTATION ENGINEER
KANSAS DEPARTMENT OF TRANSPORTATION

Copyright 2002, George Butler Associates, Inc. -- Plotted by rcolson on Thursday July 18, 2002, 8:48am -- K:\9674\Plans\96741300.dwg Layout: Title Sheet