FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87 K-6657-01	2002	637	1122

KEYED NOTE:

1. SURFACE MOUNTED JUNCTION BOX (305mm x 305mm x 155mm) ON TOP OF ABUTMENT. SEE CONDUIT MOUNTING DETAILS SHEET.
2. SURFACE MOUNTED JUNCTION BOX (305mm x 305mm x 155mm).
3. 27mm RGS SURFACE MOUNTED CONDUIT ON TOP OF BERM.
4. 27mm RGS CONDUIT ROUTED IN OUTSIDE BRIDGE BARRIER. SEE BRIDGE PLANS.
5. 53mm CONDUIT ROUTED FROM JUNCTION BOX (305mm x 305mm x 155mm) THROUGH ABUTMENT AND BELOW CENTER MEDIAN BARRIER BASE TO CENTER BARRIER POLE MOUNTED LIGHTING UNITS. SEE CONDUIT MOUNTING DETAIL SHEET.
6. PROVIDE EXCAVATABLE FLOWABLE FILL FOR DUCTBANK WHERE IT IS LOCATED BELOW ROADWAY.

CONTROL CENTER 'B' CIRCUIT SCHEDULE					
CIRCUIT I.D.	LOAD (AMPS)	CKT. BKR. SIZE (AMPS)	WIRE SIZE	GROUND SIZE	CONTACTOR SIZE
B1	6.25	20	#6	#6	30A
B2	6.25	20	#6	#6	30A
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
MAIN CIRCUIT BREAKER SIZE: 2-POLE, 60 AMP 480V					

NOTE:
SEE PLAN SHEETS FOR UTILITIES. THE INFORMATION SHOWN ON THE PLAN SHEETS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN VERIFICATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THEREOF. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO UNDERGROUND UTILITIES.

Electric Meters
Maize Rd. Sta. 3+866-18.0 m Rt.
EXISTING 120/240V 1 PHASE UTILITY COMPANY SERVICE POLE FOR TRAFFIC CONTROL CENTER AND IRRIGATION CONTROL CENTER. FIELD VERIFY POLE LOCATION AND ALL REQUIREMENTS. COORDINATE WITH UTILITY COMPANY.
STA. 3+861
18m RT.
SWB Cabinet
Maize Rd. Sta. 3+907-23 m Rt.
3 #3;53mmC.
Irrigation Backflow Preventer
FR Sta. 15+609-34 m Lt.
IRRIGATION CONTROL CENTER.
TRAFFIC CONTROL CENTER.
℄ Maize Road-Sec. Line
COW Water Vault
FR Sta. 15+608-29 m Lt.
EMH
Electric MH
FR Sta. 15+654-35 m Lt.
Ductbank Reference Marker #6005
Sta. 15+578.78-45.34 m Lt.
JOINT USE JUNCTION BOX.
VERIFY LOCATION OF FOOTING FOR TRAFFIC SIGNAL POLE AND ROUTE CONDUIT AROUND FOOTING.
JOINT USE POLE.
Ductbank Reference Marker #6004
Sta. 15+422.54-43.11 m Lt.
Ductbank Pull Box #5
Sta. 15+502.63-44.86 m Lt.
STA. 15+478
39m LT.
SWB MH
FR Sta. 15+583-11 m Lt.
FR Sta. 15+600-12 m Lt.
JOINT USE JUNCTION BOX.
~~Sta. 15+581.300~~
~~43.9461m LT.~~
STA. 15+531
41.5m LT.
FR Sta. 15+604-11 m Lt.
JOINT USE POLE.
DB6
DB7
STA. 15+697
42m LT.
Ductbank Reference Marker #6006
Sta. 15+730.20-45.16 m Lt.
STA. 15+742
42m LT.
Ductbank Pull Box #7
Sta. 15+792.90-42.79 m Lt.
DB8
DB9
STA. 15+413
39m LT.
Electric MH
FR Sta. 15+598-9 m Lt.
Storm Sewer MH
FR Sta. 15+648-4.5 m Lt.
~~STA. 15+659.000~~
~~45.1173m LT.~~
~~STA. 15+740.000~~
~~45.9148m LT.~~
~~STA. 15+794.000~~
~~42.8297m LT.~~
MATCHLINE. SEE SHEET NO. 645 FOR UNDER BRIDGE LUMINAIRES.
STA. 15+573
Traffic Signal MH
FR Sta. 15+599-11 m Rt.
STA. 15+645
Traffic Signal MH
FR Sta. 15+639-13.5 m Rt.
Traffic Signal Pedestal
FR Sta. 15+642-14.5 m Rt.
Traffic Signal Pole
FR Sta. 15+605-13 m Rt.
Ductbank Pull Box #6
Sta. 15+659.15-46.51 m Lt.
STA. 15+445
STA. 15+510
STA. 15+710
STA. 15+775
ROUTE CONDUCTORS IN CONDUIT. (TYPICAL FOR CIRCUITS ROUTED BELOW MEDIAN BARRIER)
Traffic Signal MH
FR Sta. 15+572-21 m Lt.
Traffic Signal Pedestal
FR Sta. 15+577-13 m Lt.
Traffic Signal Pole
FR Sta. 15+615-14 m Lt.
Ductbank Reference Marker #6032
Sta. 15+657.73-18.65 m Lt.
ROUTE CONDUCTORS IN CONDUIT. (TYPICAL FOR CIRCUITS ROUTED BELOW MEDIAN BARRIER)
COW Water Meter Vault
FR Sta. 15+556-15 m Rt.
Irrigation Backflow Preventer
FR Sta. 15+549-16 m Rt.
Electric MH
FR Sta. 15+567-16 m Lt.
Traffic Signal MH
FR Sta. 15+610-17 m Lt.
SEE SHEET NO. 645 FOR CONDUIT CONTINUATION TO UNDER BRIDGE LUMINAIRES.
MATCHLINE. SEE SHEET NO. 645 FOR UNDER BRIDGE LUMINAIRES.
Ductbank Reference Marker #6033
Sta. 15+655.54-28.49 m Rt.
STA. 15+405
39m RT.
STA. 15+478
42m RT.
STA. 15+530
44m RT.
SWB Vault
FR Sta. 15+556-22 m Rt.
JOINT USE POLE.
Traffic Signal Pedestal
FR Sta. 15+613-2.5 m Rt.
JOINT USE JUNCTION BOX.
FR Sta. 15+566-17 m Rt.
Traffic Signal MH
FR Sta. 15+619-10 m Rt.
Electric MH
FR Sta. 15+647-12 m Rt.
STA. 15+687
53m RT.
STA. 15+742
55m RT.
F1-F15
FR Sta. 15+558-22 m Rt. IRRIGATION CONTROL CENTER.
FR Sta. 15+560-22 m Rt. UNDER BRIDGE LIGHTING CONTROL CENTER 'F'.
FR Sta. 15+562-21 m Rt. TRAFFIC CONTROL CENTER.
Storm Sewer MH
FR Sta. 15+529-22 m Rt.
Electric MH
FR Sta. 15+568-23 m Rt.
Sta. 15+632
53.5 m Rt.
~~STA. 15+659.000~~
~~58.0000m RT.~~
LIGHTING CONTROL CENTER 'B'.
Ductbank Pull Box #28
Sta. 15+654.46-53.88 m Rt.
3 #3/0;53mmC.
3 #3;53mmC.
(3) Gas Valves
FR Sta. 15+635-26 m Rt.
Electric MH
FR Sta. 15+629-23 m Rt.
EXISTING 120/240V 1 PHASE UTILITY COMPANY SERVICE POLE FOR TRAFFIC CONTROL CENTER, UNDER BRIDGE LIGHTING CONTROL CENTER, AND IRRIGATION CONTROL CENTER. FIELD VERIFY POLE LOCATION AND ALL REQUIREMENTS. COORDINATE WITH UTILITY COMPANY.
3 #1;53mmC.
STA. 4+082
25m RT.
(2) Electric Meters
Tyler Rd. Sta. 4+084-21 m Rt.
EXISTING 480V 1 PHASE 2 WIRE UTILITY COMPANY SERVICE POLE. CONNECT FRONTAGE ROAD LUMINAIRES THROUGH RELAY AND PHOTOCELL. FIELD VERIFY POLE LOCATION AND ALL REQUIREMENTS. COORDINATE WITH UTILITY COMPANY.
EXISTING 480V 1 PHASE 3 WIRE UTILITY COMPANY SERVICE POLE. CONNECT TO LIGHTING CONTROL CENTER 'B'. FIELD VERIFY POLE LOCATION AND ALL REQUIREMENTS. COORDINATE WITH UTILITY COMPANY

FRONTAGE ROAD 'V' CIRCUIT SCHEDULE			
CIRCUIT I.D.	LOAD (AMPS)	WIRE SIZE	GROUND SIZE
V1	17.5	#6	#6
–	–	–	–
–	–	–	–
–	–	–	–
480V, 1 PHASE, 2 WIRE			

NOTES:
1). REVISED locations for "Light Poles" along E. Bd. and W. Bd. Kellogg Drives were mostly due to "New Additional" or "Relocated" entrance drives.
2). Record drawing information for "New Additional" and Relocated" entrance drives are NOT presented on these "Lighting Plan" Sheets (See "Kellogg, Maize Road and/or Tyler Road Plan" sheets in Volume 1).

RECORD DRAWING

No.	Revisions	By	Date

CITY OF WICHITA

LIGHTING PLAN
STA. 15+400 TO STA. 15+800

SEDGWICK COUNTY

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	SMS	Checked by	SMS
Drawn by	WAN	Date	APRIL, 2002
		Job No.	97362

637

DATE	BY	REFERENCES NOTED / REFERENCES CHECKED

DSNR: WAN OPER: WAN SCALE: 500
n:/1997/97362/As-Builts/dgn's/Vol.3/Sh 637-WK4637.dgn Last Rev: 9-14-07 By: gdr