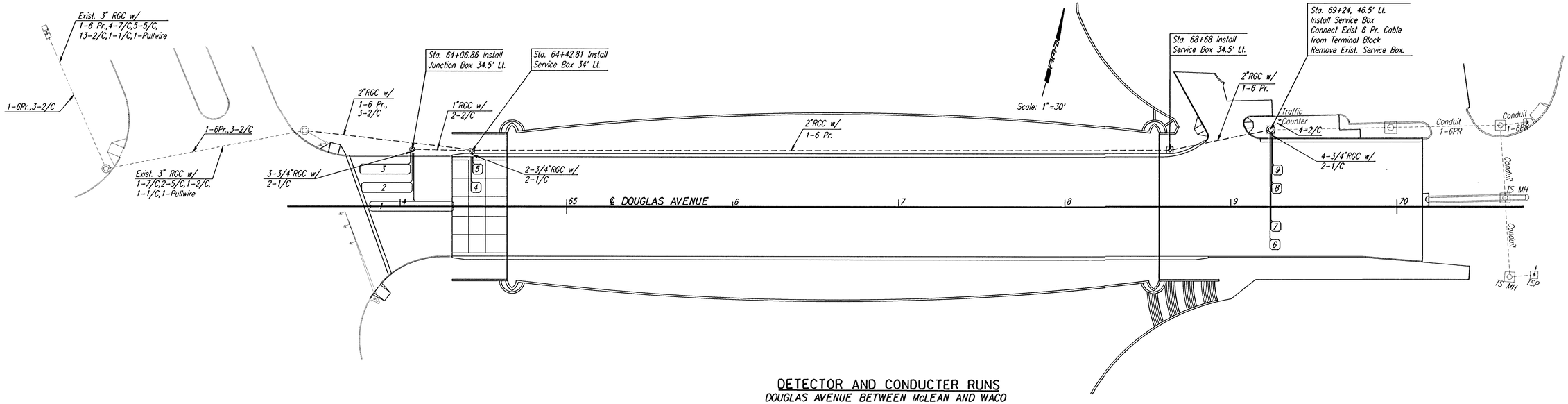
SHEET NO.	TOTAL SHEETS
C88	131



DETECTOR AND CONDUCTER RUNS

DOUGLAS AVENUE BETWEEN McLEAN AND WACO

SUMMARY OF SERVICE & JUNCTION BOXES

STATION	OFFSET	SERVICE BOX	JUNCTION BOX
64+06.86	34.5'Lt.		X
64+42.81	34'Lt.	X	
68+68	34.5'Lt.	X	
69+24	46.5'Lt.	X	

TRAFFIC LOOP SUMMARY

LOOP NO.	SIZE	NO. OF TURNS
1	6'x50'	1-2-1
2	6'x30'	3
3	6'x30'	3
4	6'x6'	3
5	6'x6'	3
6	6'x6'	3
7	6'x6'	3
8	6'x6'	3
9	6'x6'	3

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Service Box	Each	3
Junction Box	Each	1
Shielded Detector Leod-In Wire No. 16 A.W.G. 2/C	Lin.Ft.	1000
Detector Loop Wire No. 14 A.W.G. 1/C	Lin.Ft.	2000
6 pr. Communication Cable	Lin.Ft.	1000
Rigid Galvanized Conduit 3/4"	Lin.Ft.	125
Rigid Galvanized Conduit 1"	Lin.Ft.	40
Rigid Galvanized Conduit 2"	Lin.Ft.	600

RECAPITULATION OF SIGNAL WIRING QUANTITIES

ITEM	UNIT	QUANTITY
Traffic Signal Modification	Lump Sum	Lump Sum

The Contractor shall furnish and install all equipment and materials necessary for the modification of the traffic signal loop system for the east leg of the intersection of Douglas and McLean, and for the continuous communication cable interconnect between McLean and Waco, and the count loop detectors in Douglas. This work shall be measured and paid for at the lump sum price bid for the item "Traffic Signal Modification".

No.	Revisions	By	Date

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E.-CITY ENGINEER

DOUGLAS AVENUE BRIDGE OVER ARKANSAS RIVER

SIGNAL WIRING AND QUANTITIES

CITY OF WICHITA PROJECT NO. 472-82721

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	RAS	Checked by	RAS	
Drawn by	JGP	Date	Sept. 1997	Job No. 95088-4

I:/1995/95088/douglas/tsquant.dgn
Drawn by: will
Plotted by: will 8-26-97