



(n) Festoon Circuit

SUMMARY OF QUANTITIES													
	Multi. Underground Conductor 3 No. 4, 1 No. 6 Style USE (City funds only) (n)	Cable Trench-Type II	Concrete Foundations- Highway Lighting	2" Dia. Rigid Conduit	Underground Conductor, No. 4, Type RHW	Underground Conductor, No. 6, Type THW	Multiple Underground Conductor 3 No. 4, 1 No. 6 Style USE	Light Std., 6' M.A., 40' Mtg. Height-Breakaway	Light Std., 12' M.A., 40' Mtg. Height-Breakaway-Festoon	Light Std., Twin 6' M.A., 40' Mtg. Height-Breakaway	Sodium Vapor Luminaire- 250 Watt	Sodium Vapor Luminaire- 400 Watt	Cable Trench-Type I
	LF	LF	Ea.	LF	LF	LF	LF	Ea.	Ea.	Ea.	Ea.	Ea.	LF
TOTAL	142	509	6	246	1012	506	426	2	3	1	4	3	266

Install 2" Dia. Rigid Conduit
 Sta. 3+15-0 to 4+88-45' Lt. 216 L.F.
 Sta. 8+86-81' Lt. to 9+16-83' Lt. 30 L.F.

NO.	STATION	OFFSET	WATTAGE	CIRCUIT	IES TYPE
1	1+34(X)	48' Rt.	250		M-S-II
2	2+20(X)	45' Lt.	250		M-S-II
3	3+15*	E	250	A-1	M-S-II
4	4+88(a)	45' Lt.	400	A-1	M-S-III
5	6+78(a)	45' Lt.	400	A-1	M-S-III
6	8+68(a)	45' Lt.	400	A-1	M-S-III

*Light Std., Twin 6' M.A.-40' Mtg. Height-Breakaway
 (a) Light Std., 12' M.A., 40' Mtg. Height-Breakaway-Festoon
 (X) Light Std., 6' M.A.-40' Mtg. Height connected to existing circuit operated on 120 volts.

LIGHTING SYSTEM
 The Mandan Strip Road
 Mandan, N.D.