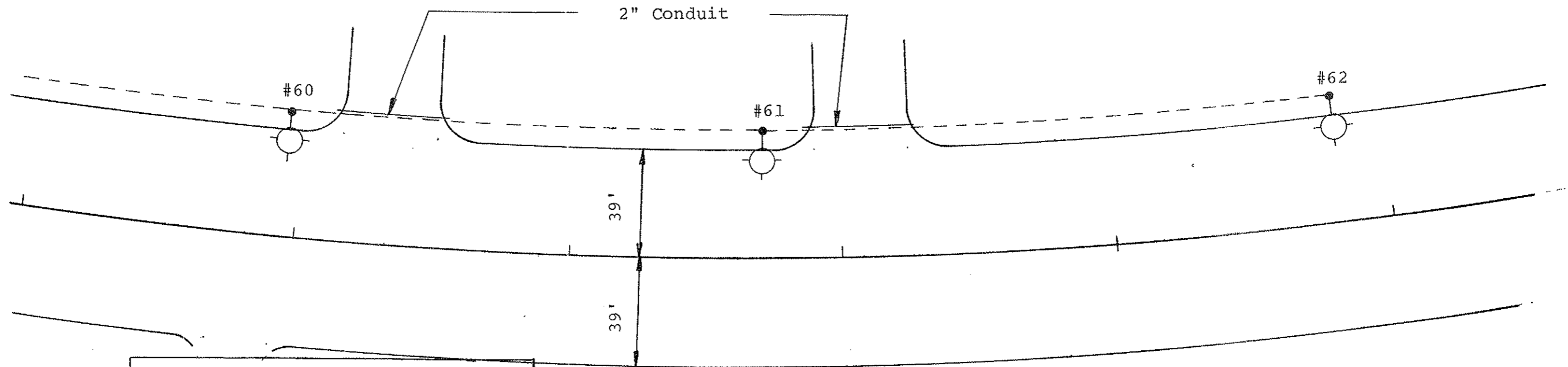


Install 2" Dia. Rigid Conduit

Sta. 157+08-41' Lt. to 157+58-41' Lt. 50 L.F.
 Sta. 158+85-41' Lt. to 159+35-41' Lt. 50 L.F.



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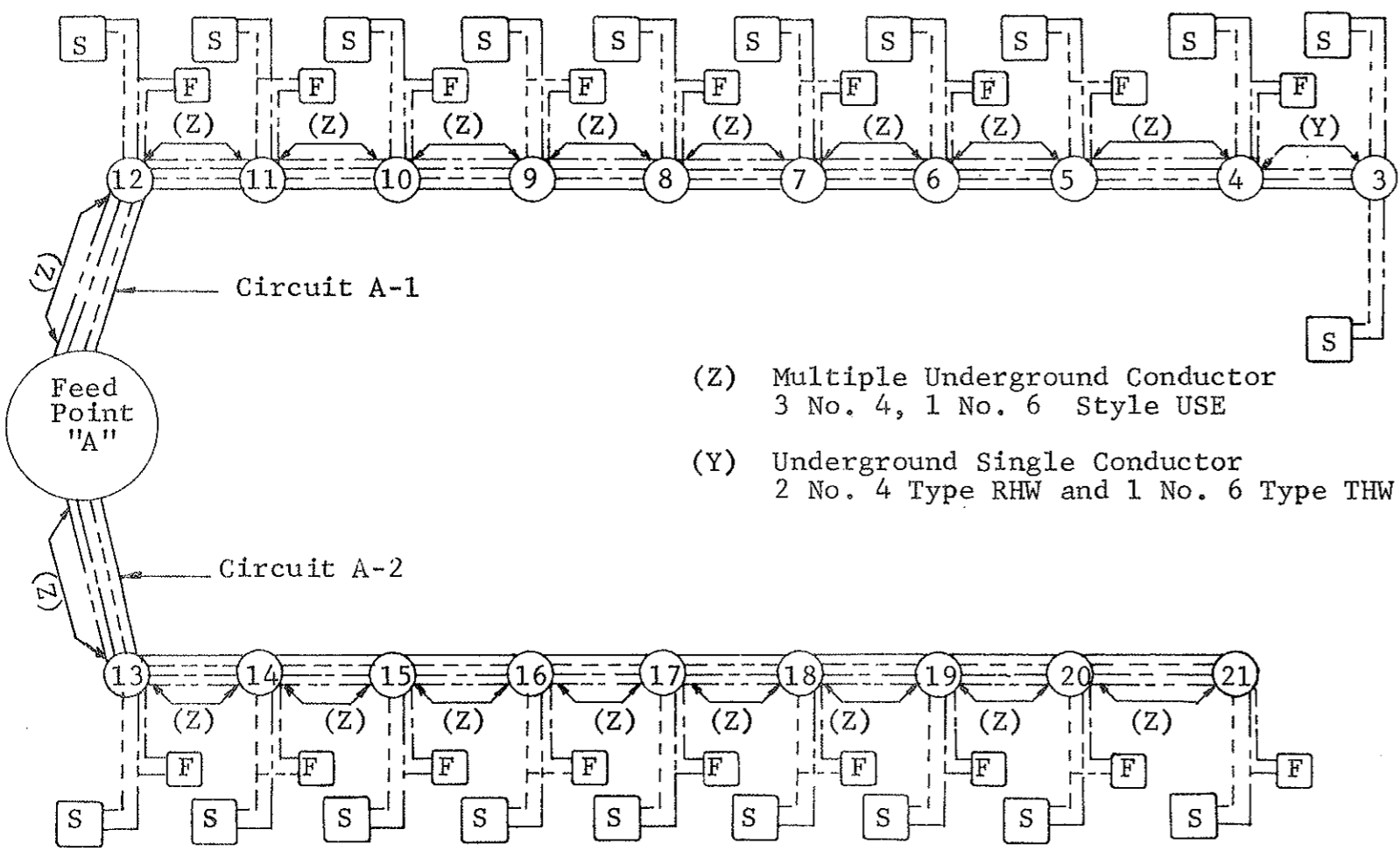


SUMMARY OF QUANTITIES						
Cable Trench-Type II	Concrete Foundations-Highway Lighting	2" Dia. Rigid Conduit	Multiple Underground Conductor 3 No. 4, 1 No. 6, Style USE	Light Std., 6' M.A., 40' Mtg. Height-Breakaway-Festoon	Sodium Vapor Luminaire- 400 Watt	Multiple Underground Conductor 3 No. 4, 1 No. 6 Style USE (City Funds Only)*
LF	Ea.	LF	LF	Ea.	Ea.	LF
TOTAL	377	3	100	375	3	125

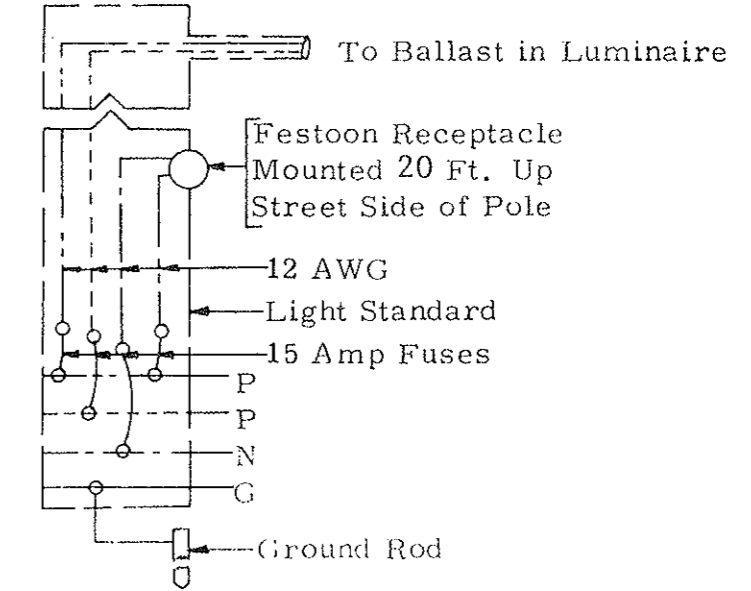
NO.	STATION	OFFSET	WATTAGE	CIRCUIT	IES TYPE
60	156+95	41' Lt.	400	C-2	M-S-III
61	158+70	41' Lt.	400	C-2	M-S-III
62	160+82	41' Lt.	400	C-2	M-S-III

* Festoon Circuit

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



- (Z) Multiple Underground Conductor
3 No. 4, 1 No. 6 Style USE
- (Y) Underground Single Conductor
2 No. 4 Type RHW and 1 No. 6 Type THW



POLE WIRING DIAGRAM

- Phase Conductor
- Phase Conductor
- Neutral Conductor
- Ground Conductor
- [S] Sodium Vapor Luminaire
- [F] Festoon Outlet
- (10) Light Standard Number

LIGHTING SYSTEM SCHEMATICS
Feed Point "A"
Sta. 58+00-59' Rt.