



REMOVE STREET LIGHT LUMINAIRE

Sta. 35+20-105' Rt. - 400 watt Type II-4 way
 Sta. 35+60-43' Rt. - 400 watt Type II-4 way
 Sta. 36+14-140' Rt. - 400 watt Type II-4 way
 Sta. 38+16-61' Rt. - 400 watt Type II-4 way
 Sta. 39+62-61' Rt. - 400 watt Type II-4 way

INSTALL 2" dia. Rigid Conduit

Sta. 35+60-48' Rt. to 36+30-48' Rt. - 69 L.F.
 Sta. 37+96-63' Rt. to 38+94-63' Rt. - 96 L.F.
 Sta. 38+94-63' Rt. to 40+05-63' Rt. - 109 L.F.
 Sta. 39+92-59' Lt. to 40+37-23' Lt. - 57 L.F.

CONDUCTOR CABLE LOCATIONS

35+60-48' Rt. to 36+70-47' Rt. 2-#4 RHW 232 L.F.
 1-#6 THW 116 L.F.
 37+96-63' Rt. to 38+94-63' Rt. 2-#4 RHW 208 L.F.
 1-#6 THW 104 L.F.
 38+94-63' Rt. to 40+05-63' Rt. 2-#4 RHW 234 L.F.
 1-#6 THW 117 L.F.
 39+92-59' Lt. to 40+37-23' Lt. 2-#4 RHW 128 L.F.
 1-#6 THW 64 L.F.

REVISE CONCRETE FOUNDATION

Sta. 40+37-23' Lt. 1 ea.

INSTALL CONCRETE FOUNDATION

Sta. 35+60-48' Rt. 1 ea.
 Sta. 37+96-63' Rt. 1 ea.
 Sta. 38+94-63' Rt. 1 ea.
 Sta. 39+92-59' Lt. 1 ea.
 Sta. 40+05-63' Rt. 1 ea.

RELOCATE LIGHT STANDARDS

Existing Station	Relocated Station
35+20-105' Rt.	38+94-63' Rt.
36+14-140' Rt.	39+92-59' Lt.
35+60-43' Rt.	35+60-48' Rt.
35+16-61' Rt.	37+96-63' Rt.
39+62-61' Rt.	40+05-63' Rt.

Location	Watts	IES Type
38+87-23' Lt.	700	M.C. II
38+94-63' Rt.	700	M.C. II
39+92-59' Lt.	700	M.C. II
40+37-23' Lt.	700	M.C. II
40+05-63' Rt.	700	M.C. II

RELOCATE LUMINAIRE

Existing Station	Relocated Station
38+87-23' Lt.	35+60-48' Rt.
40+37-23' Lt.	37+96-63' Rt.

QUANTITIES

	Concrete Foundations - Highway Lighting	2" Dia Rigid Conduit	Underground Conductor #4 Type RHW	Underground Conductor #6 Type THW	Relocate Luminaire	Mercury Vapor Luminaire - 700 Watt	Revise Concrete Foundation	Relocate Light Standards	Remove Street Light Luminaire
	Ea.	L.F.	L.F.	L.F.	Ea.	Ea.	Ea.	Ea.	Ea.
Total	5	331	232	117	2	5	1	5	5

CONCRETE FOUNDATION REVISION DETAIL (Sta. 40+37-23' Lt.)

Note: As built plans of existing lighting system (Project No. UG-100(7)) are available for inspection at the North Dakota State Highway Department, Bismarck District Office.

Existing Luminaires operate on 120 volts.

New conduit shall be connected to existing conduit with water tight fittings.

LIGHTING REVISIONS
 Main Street
 MANDAN, NORTH DAKOTA