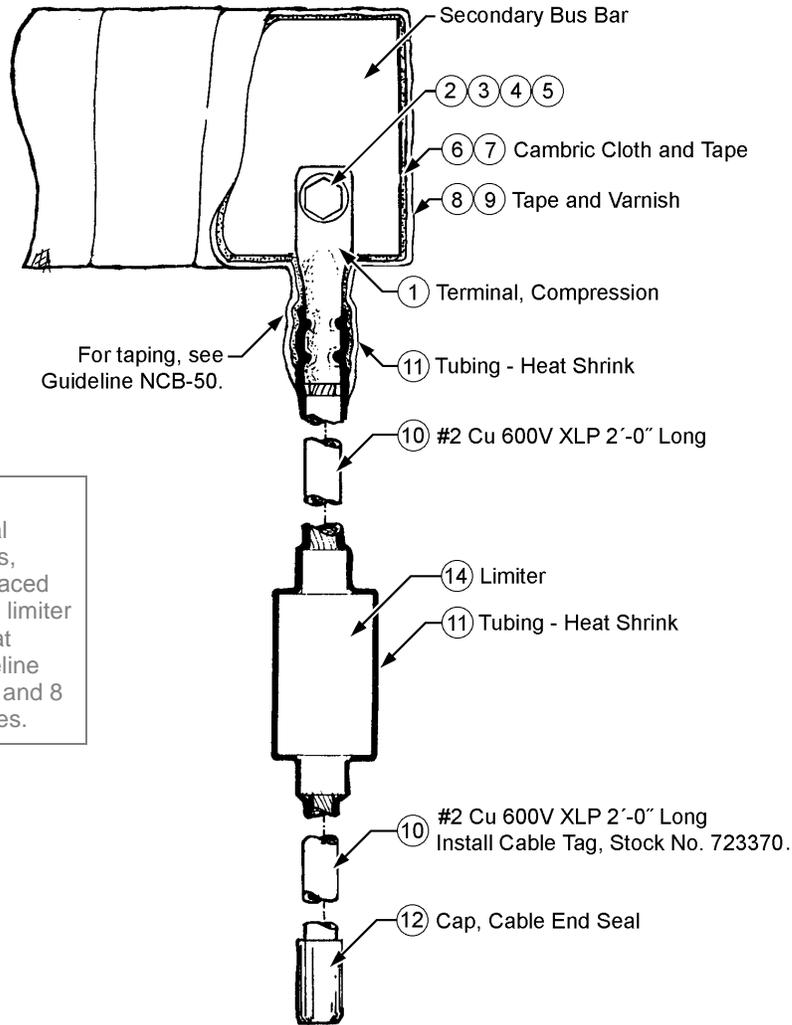


TRAFFIC AND STREETLIGHT SERVICES IN NETWORK AREAS

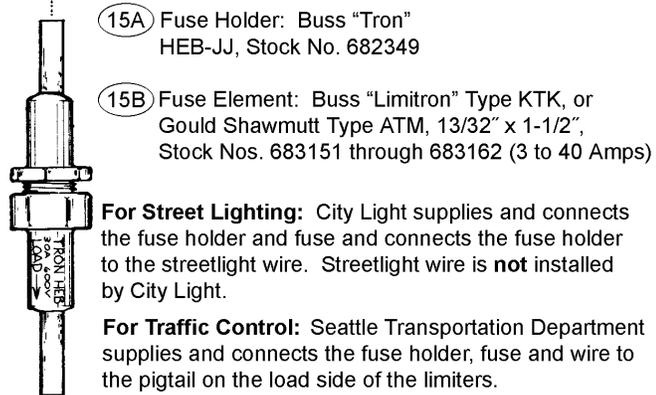


For taping, see
 Guideline NCB-50.

Note: This Guideline is also intended for use as a general guideline to connect bus bars, insofar as a 2'-0" pigtail is placed between the bus bar and the limiter and both are sealed with heat shrink tubing. Refer to Guideline NCB-50, paragraphs 5, 6, 7, and 8 for additional parts procedures.

Connection to Bus Assembly of Cable and Limiter by City Light

Supplied and Installed as Follows



For Street Lighting: City Light supplies and connects the fuse holder and fuse and connects the fuse holder to the streetlight wire. Streetlight wire is **not** installed by City Light.

For Traffic Control: Seattle Transportation Department supplies and connects the fuse holder, fuse and wire to the pigtail on the load side of the limiters.

STANDARDS COORDINATOR	STANDARDS SUPERVISOR	UNIT DIRECTOR
 Robin Byun	 John Shipek	 Darnell Cola

SEATTLE CITY LIGHT
MATERIAL STANDARD

STANDARD NUMBER: **NCB-70**

PAGE: 2 of 2

SUPERCEDING: March 16, 2005

EFFECTIVE DATE: November 3, 2014

A. Seattle City Light Shall:

1. Make all connections to the secondary bus bars and the neutral bus.
2. Install pigtails on all three secondary bus bars complete with limiters.
3. Install a white copper pigtail to the vault neutral bus.
4. Mark each secondary bus bar pigtail with a metal tag reading "Traffic/Streetlight Only."
5. Mark the white copper neutral bus pigtail with a metal tag reading "Traffic/Streetlight Neutral."

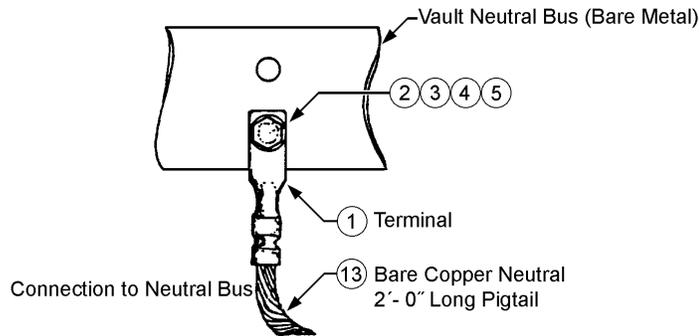
Refer to Construction Guidelines NSV-20, NCI-80, NCB-100, NCB-20, NCB-30, and NTP-90.

B. The Customer Shall:

1. Supply and install on each secondary bus bar pigtail a fuse holder with fuse element, and code-size conductors from the fuse holder to the load.
2. Supply and install the required neutral tap from the vault neutral bus pigtail to the load.
3. Use only those conduits agreed upon by Seattle City Light.

C. Prohibition:

The connection of streetlighting or traffic control loads to any other power source within a vault manhole or other network facility is prohibited.



D. Material List, Seattle City Light Supplied and Installed

Item	Description	Stock No.
1	Lug, #2 Copper Compression	677071
2	Bolt, 1/2" X 1-1/2" Silicon Bronze	784587
3	Nut, 1/2" Silicon Bronze	783325
4	Washer, Flat, 1/2" Silicon Bronze	788026
5	Washer, Lock, 1/2" Silicon Bronze	788125
6	Cloth, Varnished Cambric, Black	735283
7	Tape, Friction, 3/4"	736400
8	Tape, Friction, 2"	736415
9	Varnish, Insulating, Clear	725471
10	Cable, 600 Volt, XLP, Copper, #2	613730
11	Tubing, Heat Shrink, Heavy, 9"	737450
12	Cap, Heat Shrink	737475
13	Wire, #2 Bare Str. Copper	610434
14	Limitter, 600 V, CU to CU, #2	683643
15A	Fuse Holder, Buss Type HEB-JJ	682349
15B	Fuse, 600 V, 3 to 40 amps	683151-62
16	Tape, SS, For Embossed Labels	723370