

WIRING DIAGRAMS



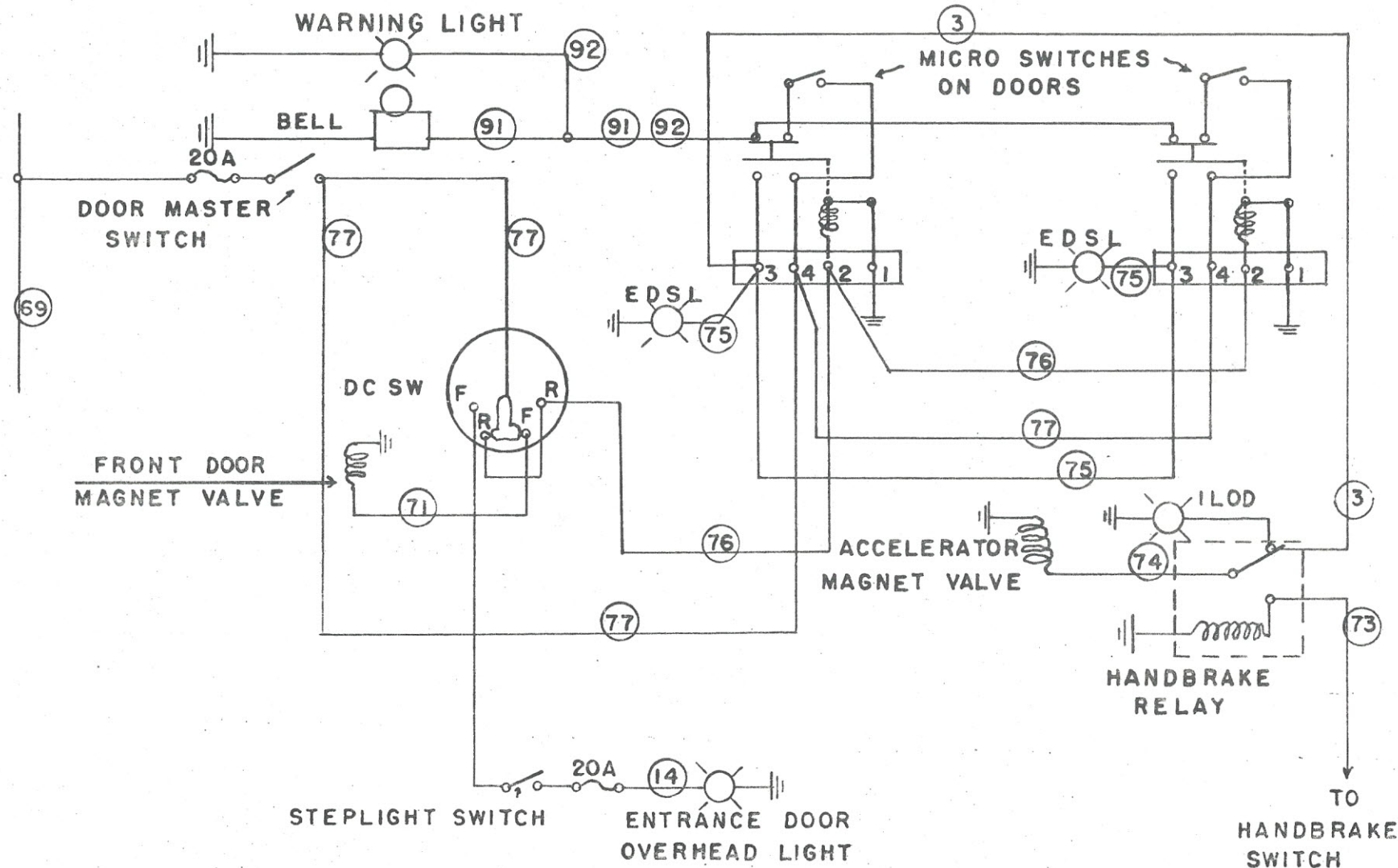
BUSES 5500-5999

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FLXIBLE 5500-5999

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GBU/mn
Revised 4-24-64



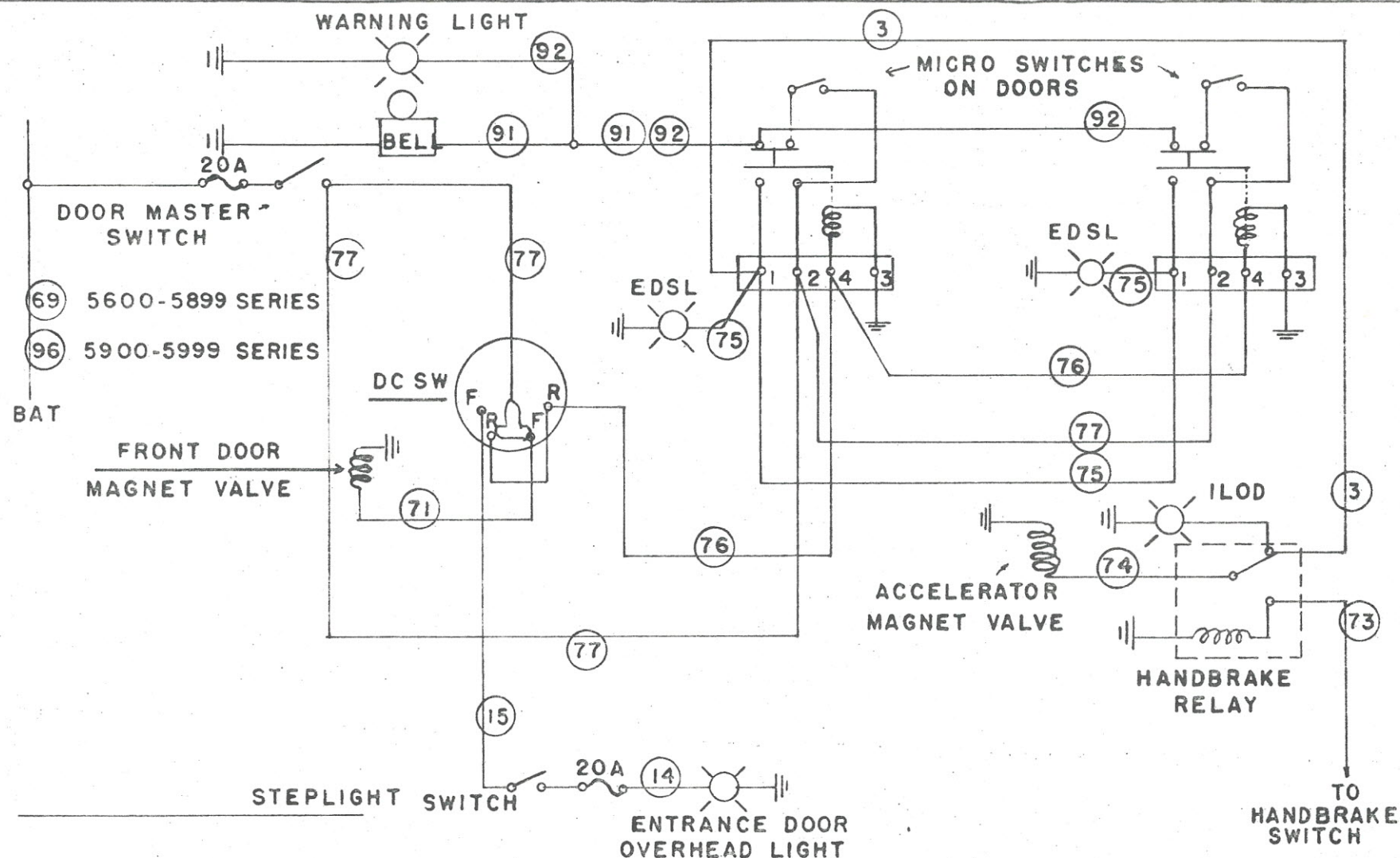
DCSW DOOR CONTROL SWITCH
EDSL EXIT DOOR SIGNAL LIGHT
ILOD INDICATOR LIGHT ON DASH

DOOR CONTROLS
5500-5599
NATIONAL PNEUMATIC

CHICAGO TRANSIT AUTHORITY
GENERAL SUPERINTENDENT OF ENGINEERING
EQUIPMENT ENGINEER'S OFFICE

SK-E-30254-R

REVISED 12-26-57



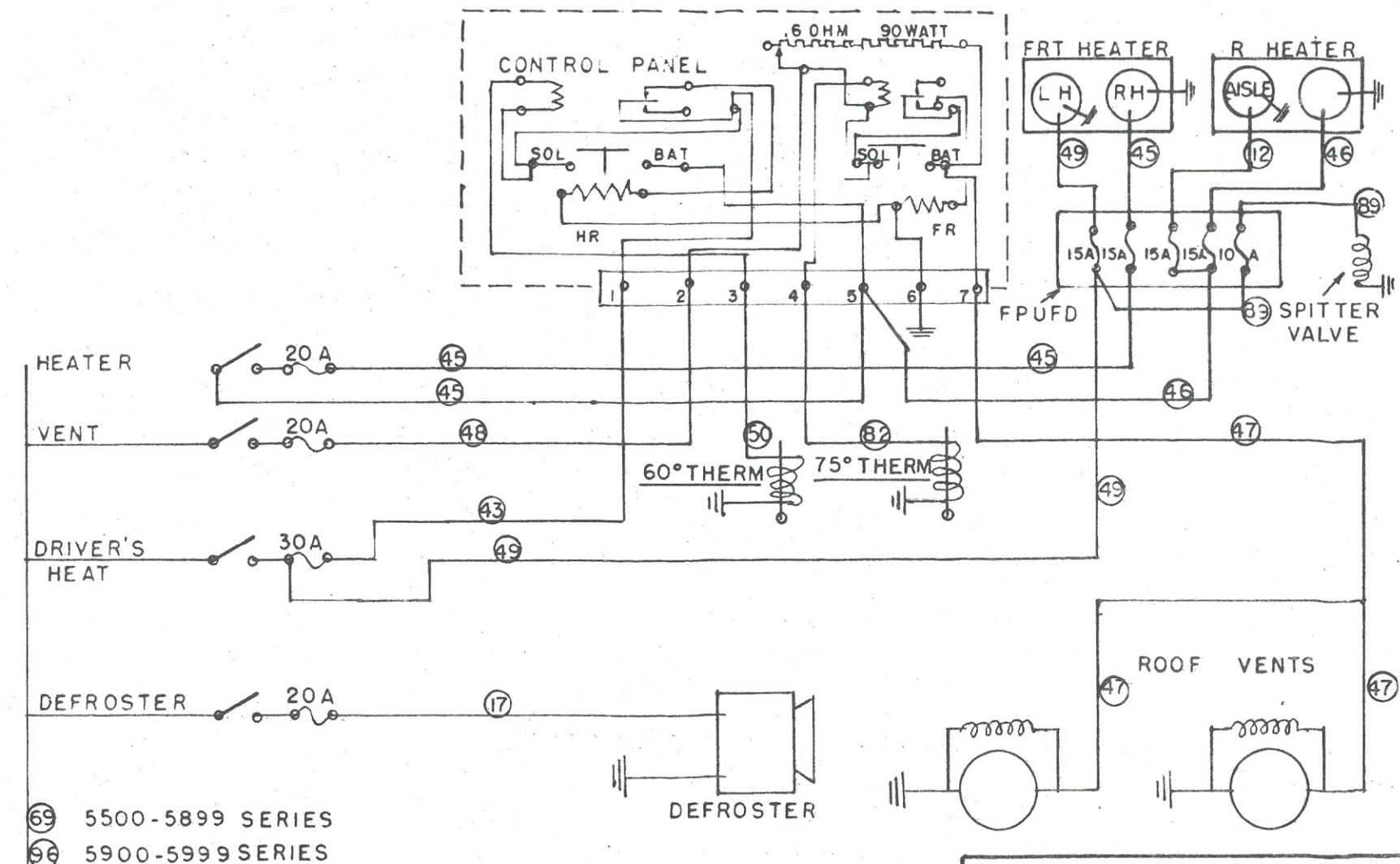
DC SW DOOR CONTROL SWITCH
 ED SL EXIT DOOR SIGNAL LIGHT
 ILOD INDICATOR LIGHT ON DASH

DOOR CONTROLS 5600-5999 CONSOLIDATED

CHICAGO TRANSIT AUTHORITY
 GENERAL SUPERINTENDENT OF ENGINEERING
 EQUIPMENT ENGINEER'S OFFICE

REVISED 12-26-57

SK-E-120356-R

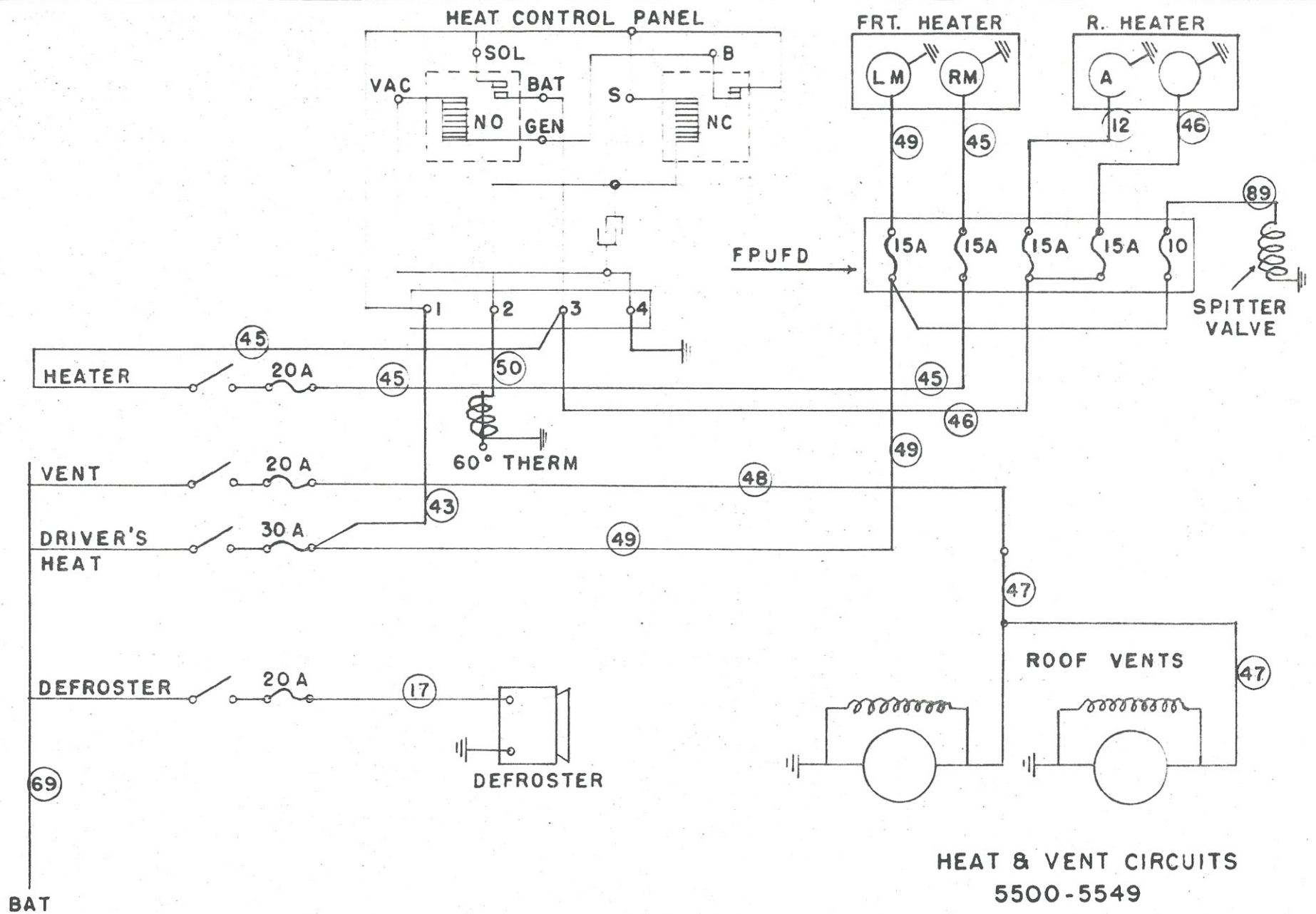


NOTE: 46 WIRE AT REAR HEATER MARKED "46A" ON LATER SERIES

CHICAGO TRANSIT AUTHORITY
HEAT & VENT CIRCUITS
5500-5999
GEN. SUPT. OF ENG.
EQUIP. ENG. OFFICE
SK-E-30454

REVISED

4-23-56



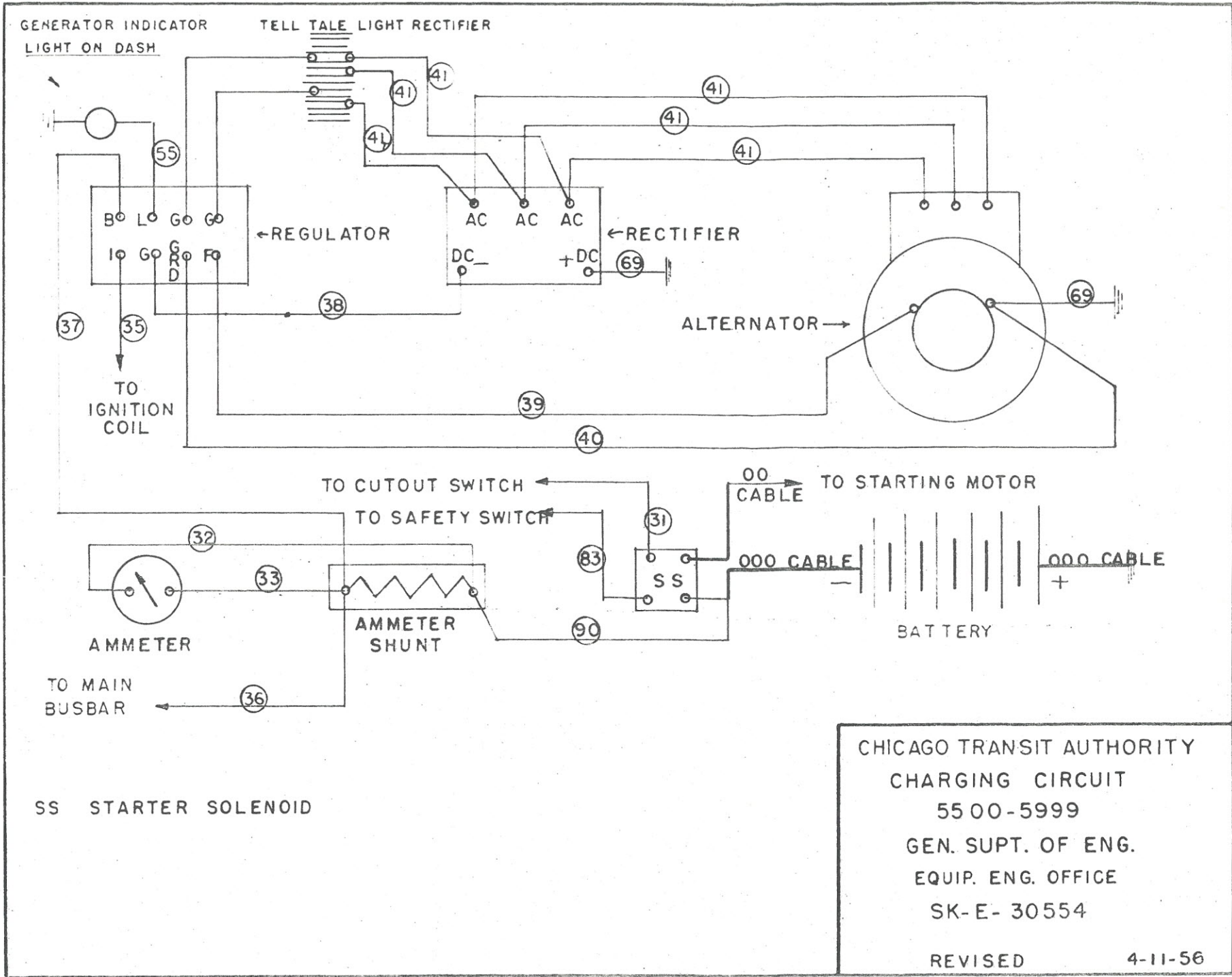
FPUFD - FUSE PANEL UNDER FRONT DASH

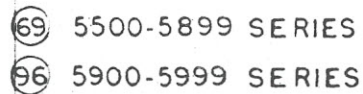
REVISED AS PER CAMPAIGN C-3-010

HEAT & VENT CIRCUITS
5500-5549

CHICAGO TRANSIT AUTHORITY
GENERAL SUPERINTENDENT OF ENGINEERING
EQUIPMENT ENGINEER'S OFFICE

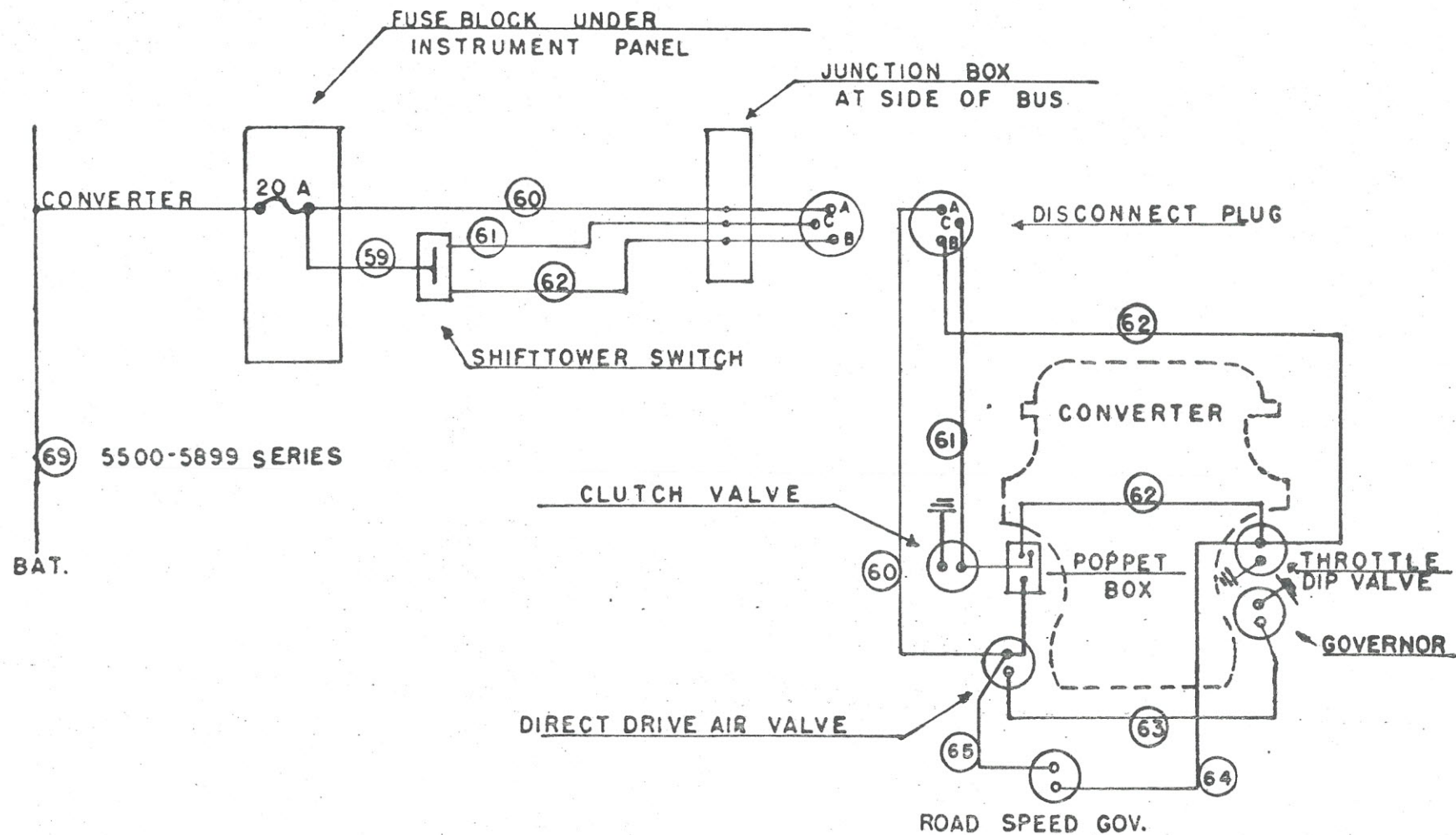
SK-E-122357





SS STARTER SOLENOID

4-11-56

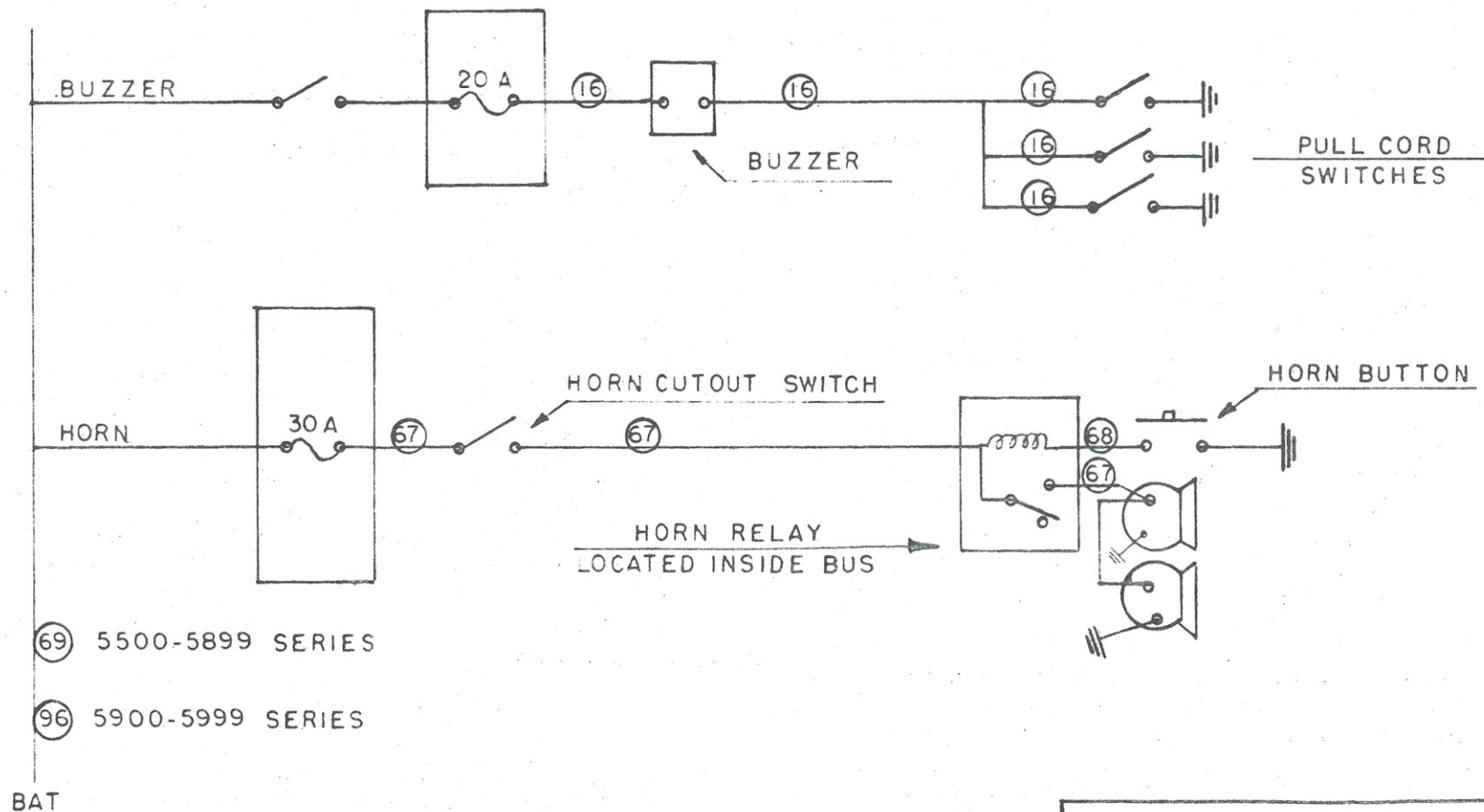


REVISION 9-4-70
ROAD SPEED GOVERNOR
CIRCUIT ADDED.

CHICAGO TRANSIT AUTHORITY
SHIFT CIRCUIT
5500-5899
GEN. SUPT. OF ENG.
EQUIP. ENG. OFFICE
SK-E-30854

REVISED

4-10-56



CHICAGO TRANSIT AUTHORITY
BUZZER & HORN CIRCUITS
5500-5999
GEN. SUPT. OF ENG.
EQUIP. ENG. OFFICE
SK-E - 30854-A

REVISED 4-23-56

TO VOLTAGE
REGULATOR



POINTS

CONDENSER

TACH

LEGEND

OSU OIL SENDING UNIT
TSU TEMPERATURE SENDING UNIT
TACH TACHOMETER
TRA TRANSMITTER

CHICAGO TRANSIT AUTHORITY
IGNITION CIRCUIT

5500-5899

GEN. SUPT. OF ENG.

EQUIP. ENG. OFFICE.

SK-E - 30854 - B

REVISED 4-18-56

NOTE: 5500-5599 HAVE MECHANICAL OIL & TEMPERATURE GAUGES

The diagram illustrates the electrical system, starting with the **IGNITION** line passing through a **KEY** and **LOCK** switch (96). The circuit branches into several paths:

- Ignition Path:** Leads to the **IGNITION COIL** and the **DISTRIBUTOR** (terminals 1, 3, 4, 5, 6). It also connects to the **TO VOLT REG** terminal (28).
- Warning and Indicator Path:** Includes the **BUG LITE** (24), **WARNING** light (25), **LO AIR SW**, **LO OIL SW**, **ALARM**, **EMER DOOR SW**, and **BUG LITE** (70).
- Gauge and Sensor Path:** Features the **FUEL SOL** (22), **TEMP GAGE** (91) with its **SENDING UNIT**, and the **OIL GAGE** (92) with its **SENDING UNIT**.
- Control Path:** Includes the **CONV. RES SOL** (56), **HANDBRAKE SW** (72) leading to the **TO HANDBRAKE RELAY** (73), and the **FAST IDLE SW** (10A) leading to the **FAST IDLE SOL** (87).
- Starter and Shift Path:** The **TO STARTER SOL** (83) line passes through a **SHIFT TOWER MICRO SW** and a **BLACK** wire to the **STARTER SOL**.
- Other Components:** Includes a **SPITTER VALVE** (89), a **TRANSITTER TACHOMETER** (64, 65, 66), and a **CONDENSER** connected to the **DIST POINTS** (28).

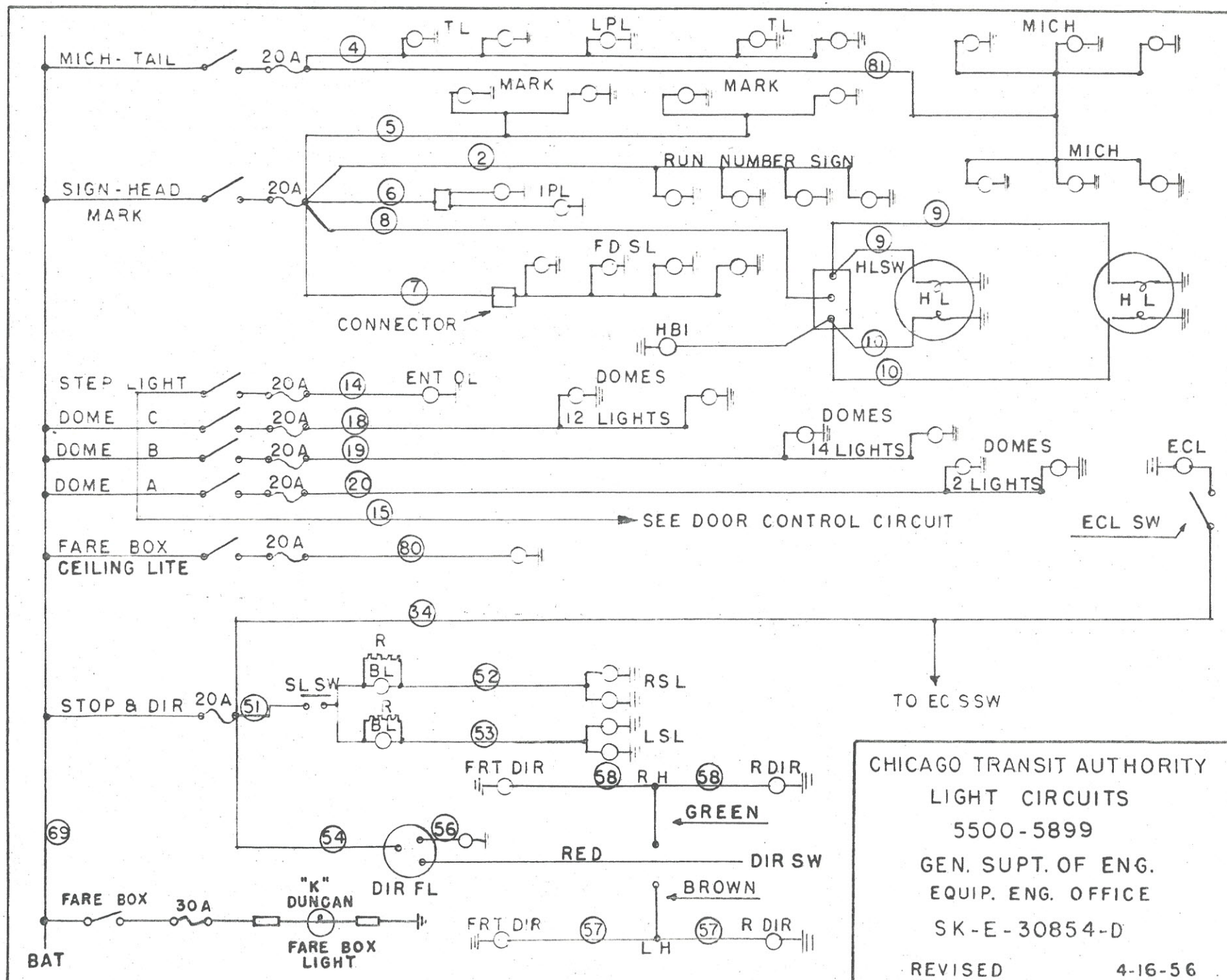
The diagram is labeled **IGNITION CIRCUIT** at the bottom.

CHICAGO TRANSIT AUTHORITY
GENERAL SUPERINTENDENT OF ENGINEERING
EQUIPMENT ENGINEER'S OFFICE
SK-E-032064

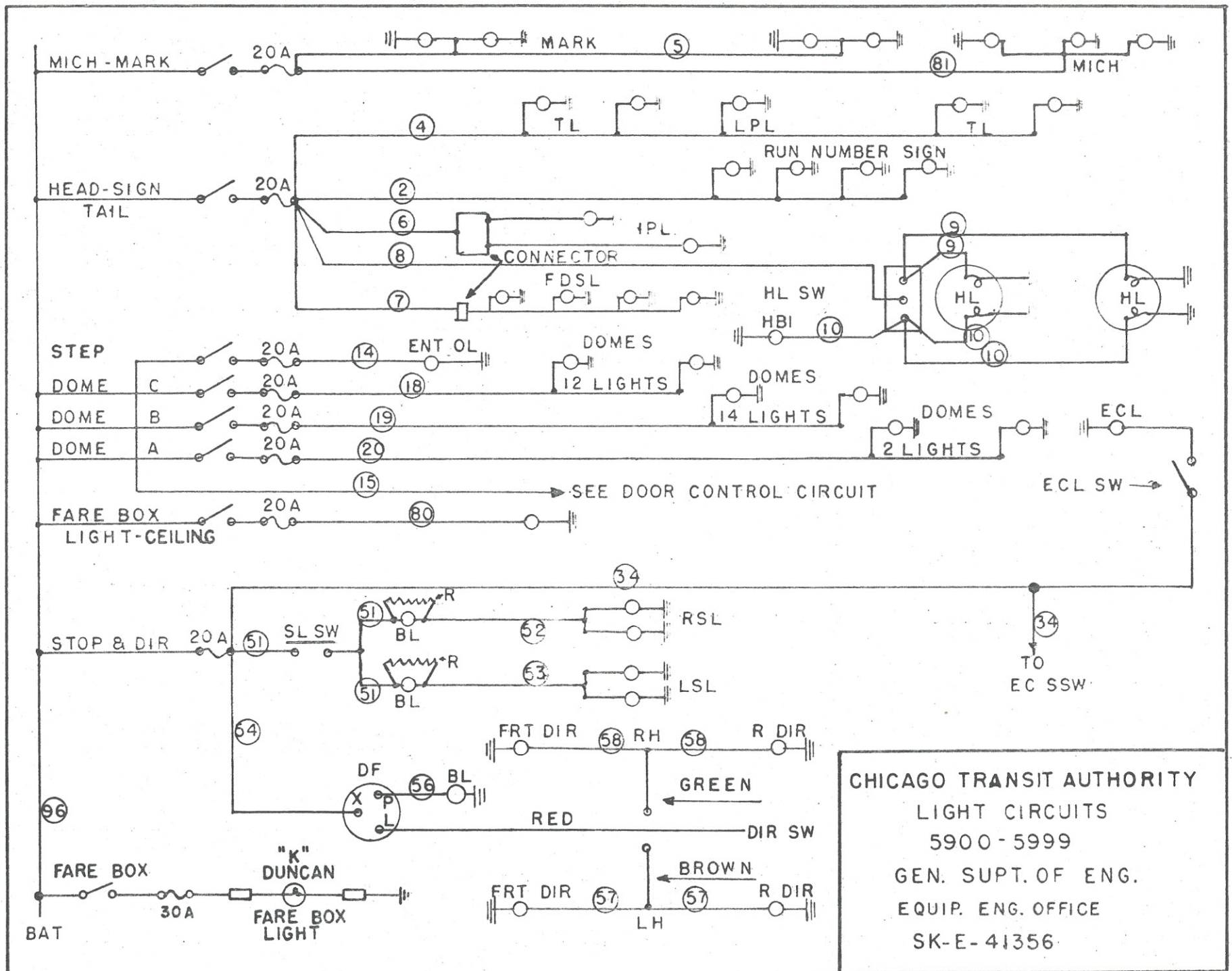
LIGHT BULBS	
LOCATION	TYPE
FARE BOX LIGHT	94 IF
RUN NUMBER SIGN	67
DIRECTIONAL	1141
DIRECTIONAL BUG	57
STOP BUG	55
STOPLIGHT	81
EMERGENCY DOOR BUG	57
DOOR SIGNAL	89
DOOR BUG	57
TELLTALE	57
ENGINE COMPARTMENT	89
DOME (MAZDA)	93
DOME (CHILCO)	93L-93X
HEADLIGHTS	4430
HI BEAM INDICATOR	57
STEP	94 IF
DESTINATION SIGN	94
INSTRUMENT PANEL	67
MICHIGAN MARKER	67
LICENSE PLATE	89
TAIL LIGHT	89

ABBREVIATIONS FOR LIGHT DRAWINGS	
BL	BUGLIGHT
DIR F	DIRECTIONAL FLASHER
ECL	ENGINE COMPARTMENT LIGHT
ENT OL	ENTRANCE OVERHEAD LIGHT
FD SL	FRONT DESTINATION SIGN LTS.
FRT DIR	FRONT DIRECTIONAL LIGHT
HBI	HIGH BEAM INDICATOR
HL	HEADLIGHT
HL SW	HI-LO SWITCH
IPL	INSTRUMENT PANEL LIGHT
J	JUNCTION BOX
LSL	LEFT STOP LIGHT
LPL	LICENSE PLATE LIGHT
MARK	MARKER LIGHT
MICH	MICHIGAN MARKER LIGHT
R	RESISTOR
RSL	RIGHT STOP LIGHT
SL SW	STOP LIGHT SWITCH
TL	TAIL LIGHT

CHICAGO TRANSIT AUTHORITY
ABBREVIATIONS
&
LIGHT BULBS
GEN. SUPT. OF ENG.
EQUIP. ENG. OFFICE
SK-E-30854-C

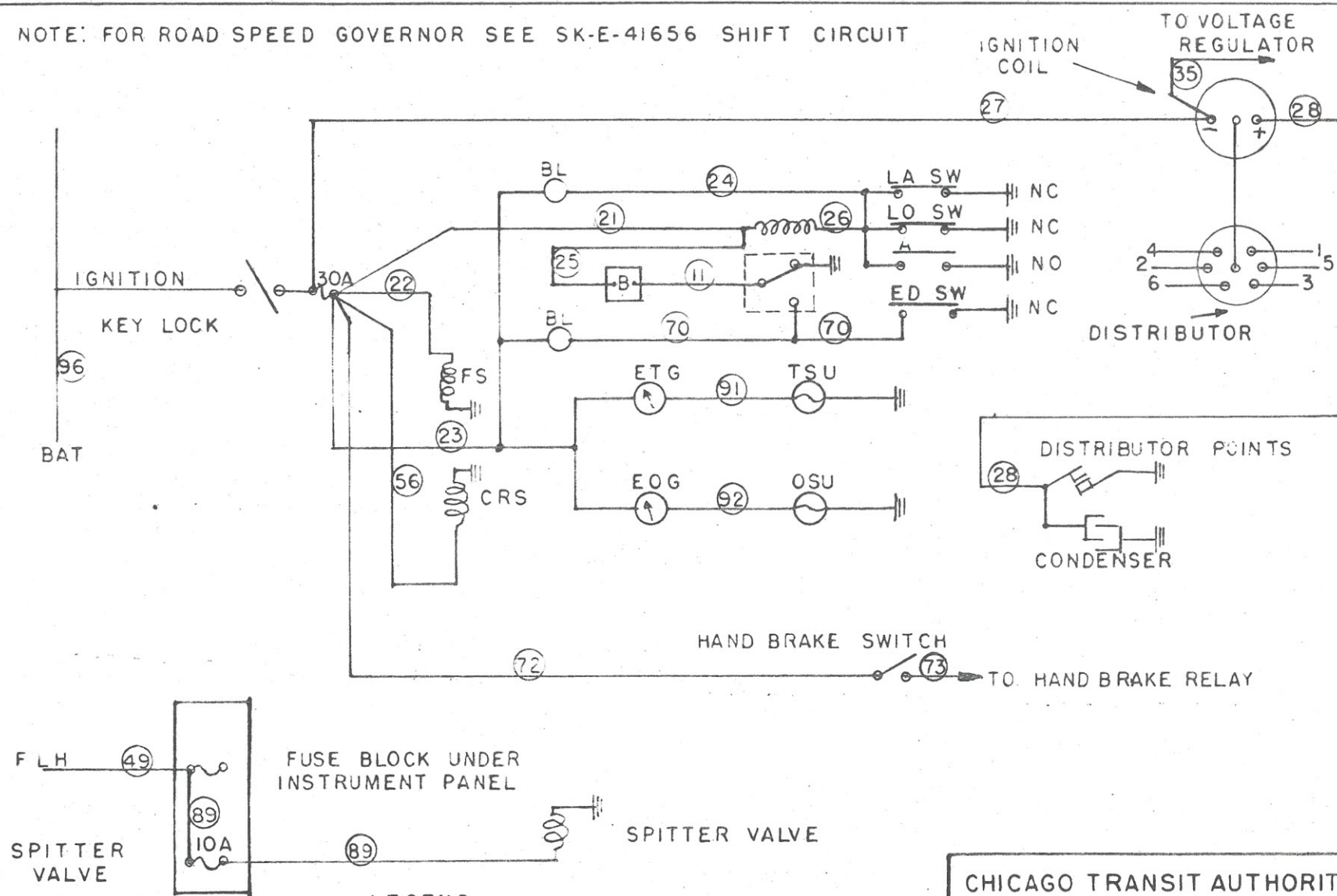


REVISION "A" 2-23-71
"K" & DUNCAN FARE BOX LIGHT
CIRCUIT ADDED.



REVISION "A" 2-23-71
"K" & DUNCAN FARE BOX LIGHT
CIRCUIT ADDED.

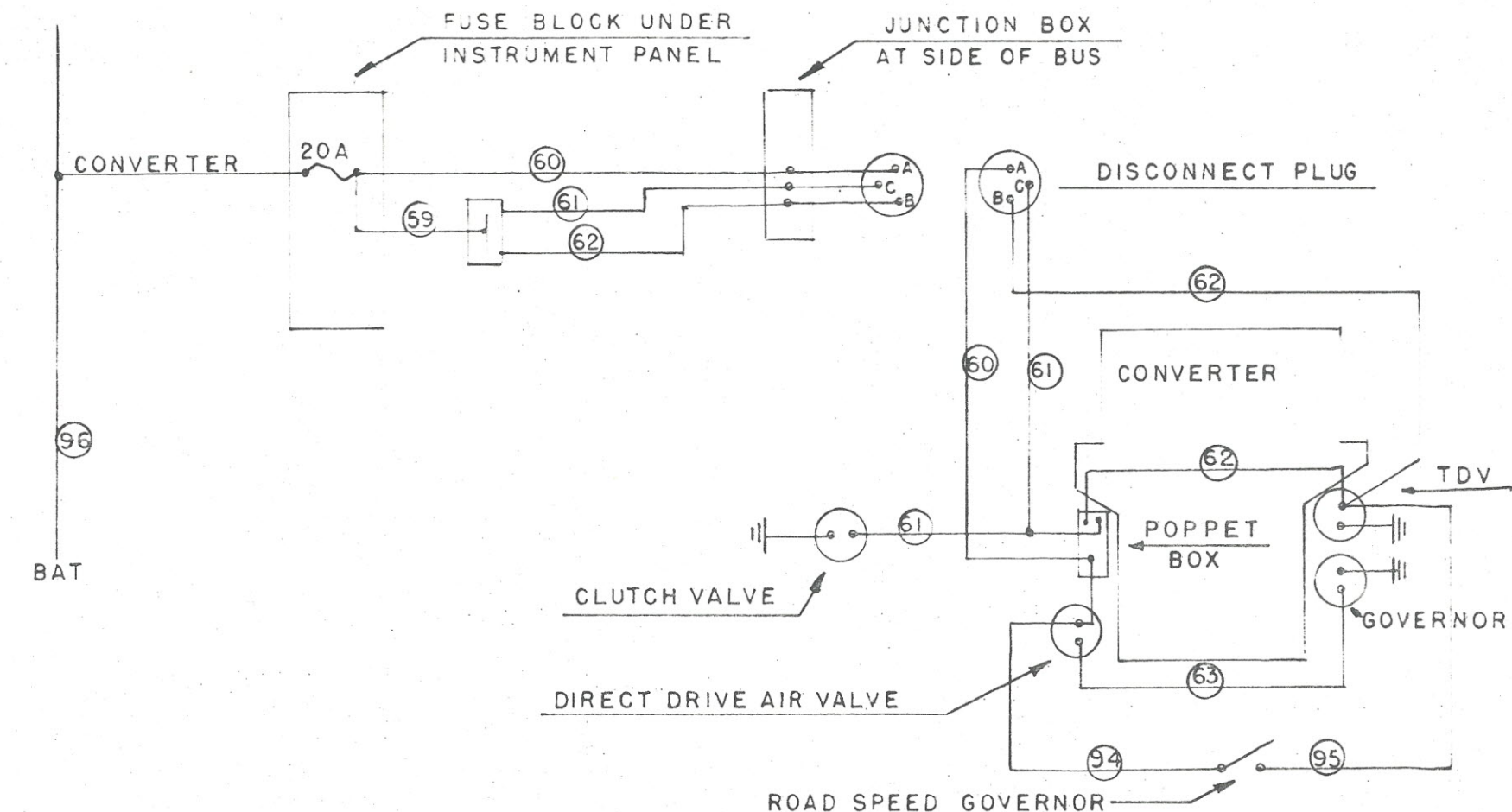
NOTE: FOR ROAD SPEED GOVERNOR SEE SK-E-41656 SHIFT CIRCUIT



LEGEND

A	ALARMATAT	LASW	LOW AIR SWITCH
B	WARNING BUZZER	LO SW	LOW OIL SWITCH
BL	BUG LIGHT	OSU	OIL SENDING UNIT
CRS	CONVERTER RESERVOIR SOLENOID	TSU	TEMPERATURE SENDING UNIT
EDSW	EMERGENCY DOOR SWITCH		
EOG	ELECTRIC OIL GAUGE		
ETG	ELECTRIC TEMPERATURE GAUGE		
FLH	FRONT LEFT HAND HEATER		
FS	FUEL SOLENOID		

CHICAGO TRANSIT AUTHORITY
IGNITION CIRCUIT
5900-5999
GEN. SUPT. OF ENG.
EQUIP. ENG. OFFICE
SK-E-41756



TDV THROTTLE DIP VALVE

CHICAGO TRANSIT AUTHORITY
 SHIFT CIRCUIT
 59Q0-5999
 GEN. SUPT. OF ENG.
 EQUIP. ENG. OFFICE
 SK-E-43056

