OBSOLETE

THE PENNSYLVANIA RAILROAD

PHILADELPHIA REGION

ATLANTIC DISTRICT

INTERLOCKINGS

1962

209-0010

Zachary C. Gillihan
Digitally signed by Zachary C. Gillihan
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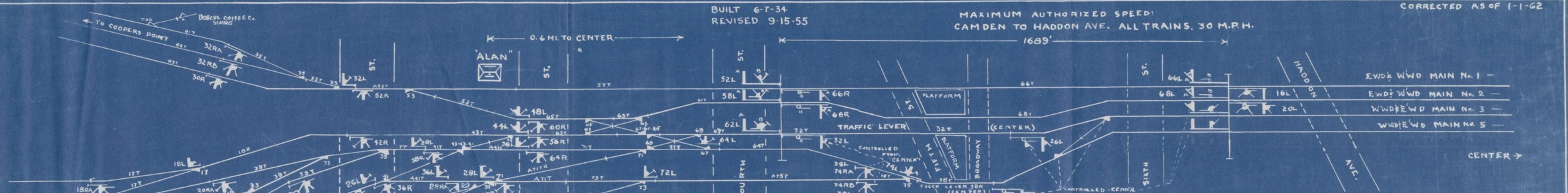
Date: 2010.11.26 20:08:41 -06'00'

BUILT 6-7-34
REVISED 9-15-55

CORRECTED AS OF 1-1-62

MAXIMUM AUTHORIZED SPEED:
CAMDEN TO HADDON AVE. ALL TRAINS, 30 M.P.H.



ALL SWITCHES E.P. TYPE A-5.
ALL SIGNALS POSITION LIGHT.
DWARF SIGNALS GOVERN TO ALL ROUTES.

ELECTRO-PNEUMATIC MACHINE (U.S. & S. Co.)

23 LEVERS for 46 SIGNALS.
21 LEVERS for 29 SWITCHES & 2 M.P. FROGS
44 WORKING LEVERS
2 SPARE SIGNAL LEVERS
8 SPARE SWITCH LEVERS
5 SPARE SPACES
59 LEVER FRAME

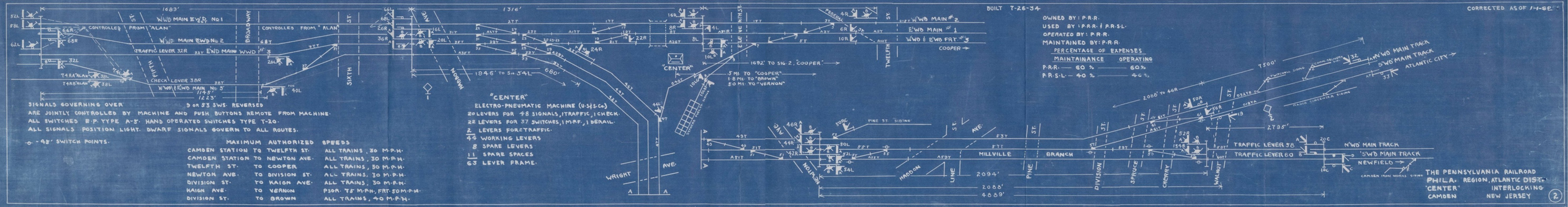
THE PENNSYLVANIA RAILROAD

PHILA. REGION ATLANTIC DIST.

"ALAN" INTERLOCKING

CAMDEN, NEW JERSEY

1


BUILT T-26-34
CORRECTED AS OF 1-1-62
OWNED BY: P.R.R.
USED BY: P.R.R. & P.R.S.L.
OPERATED BY: P.R.R.
MAINTAINED BY: P.R.R.
PERCENTAGE OF EXPENSES
MAINTAINANCE OPERATING
P.R.R. — 60 % — 60%
P.R.S.L. — 40 % — 40%
1683'
WWD MAIN EWD No 1
WWD MAIN EWD No 2
CONTROLLED FROM "ALAN"
CONTROLLED FROM "ALAN"
TRAFFIC LEVER 32R
EWD MAIN WWD
CHECK LEVER 38R
WWD & EWD MAIN No 5
1223'
BROADWAY
FIFTH
SIXTH
1316'
1946' TO SIG. 34L
680'
MADISON
"CENTER"
ELECTRO-PNEUMATIC MACHINE (U.S.&S.Co.)
20 LEVERS FOR 48 SIGNALS, 1 TRAFFIC, 1 CHECK.
22 LEVERS FOR 37 SWITCHES, 1 M.R.F., 1 BERAIL.
2 LEVERS FOR TRAFFIC.
45 WORKING LEVERS
8 SPARE LEVERS
11 SPARE SPACES
63 LEVER FRAME.
SIGNALS GOVERNING OVER 3 OR 53 SWS. REVERSED
ARE JOINTLY CONTROLLED BY MACHINE AND PUSH BUTTONS REMOTE FROM MACHINE.
ALL SWITCHES E.P. TYPE A-5. HAND OPERATED SWITCHES TYPE T-20.
ALL SIGNALS POSITION LIGHT. DWARF SIGNALS GOVERN TO ALL ROUTES.
-48" SWITCH POINTS.
MAXIMUM AUTHORIZED SPEEDS
CAMDEN STATION TO TWELFTH ST. — ALL TRAINS, 30 M.P.H.
CAMDEN STATION TO NEWTON AVE. — ALL TRAINS, 30 M.P.H.
TWELFTH ST. TO COOPER — ALL TRAINS, 30 M.P.H.
NEWTON AVE. TO DIVISION ST. — ALL TRAINS, 30 M.P.H.
DIVISION ST. TO KAIGN AVE. — ALL TRAINS, 30 M.P.H.
KAIGN AVE. TO VERNON — PSGR. 75 M.P.H., FRT. 50 M.P.H.
DIVISION ST. TO BROWN — ALL TRAINS, 40 M.P.H.
WRIGHT AVE.
"CENTER"
1692' TO SIG. 2, "COOPER"
.5 MI. TO "COOPER"
1.8 MI. TO "BROWN"
3.0 MI. TO "VERNON"
TWELFTH
E.WD MAIN #2
E.WD MAIN #1
W.WD & E.WD FRT. #3
COOPER
PINE ST. SIDING
MILLVILLE BRANCH
HADDON LINE
PINE
DIVISION
SPRUCE
CHERRY
WALNUT
2094'
2088'
4089'
2080' TO 46R
2785'
T500'
TRAFFIC LEVER 38
TRAFFIC LEVER 60
N.WD MAIN TRACK
S.WD MAIN TRACK
NEWFIELD
CAMDEN IRON WORKS SIDING
N.WD MAIN TRACK
S.WD MAIN TRACK
ATLANTIC CITY
MAIN CONCRETE SIDING
THE PENNSYLVANIA RAILROAD
PHILA. REGION, ATLANTIC DIST.
'CENTER' INTERLOCKING
CAMDEN NEW JERSEY
2

COOPER TOWER

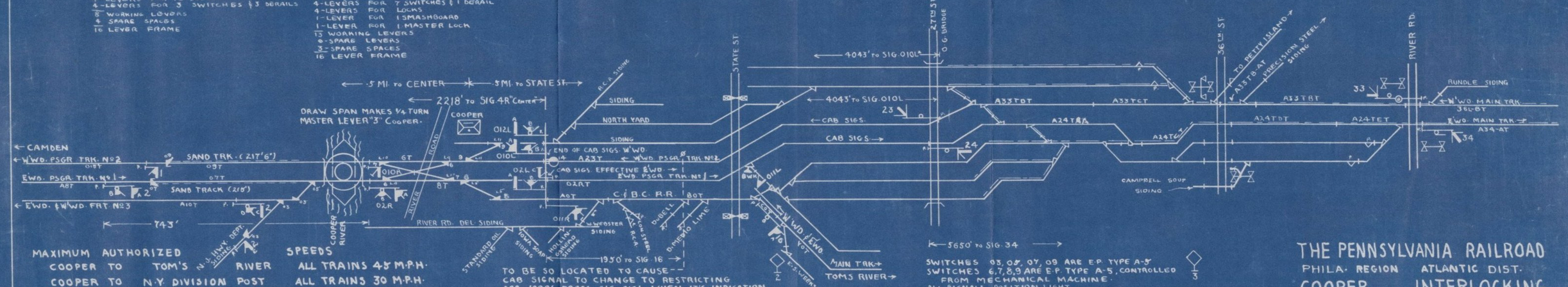
ELECTRO-MECHANICAL MACHINE, TYPE S-8.

ELECTRIC LEVERS
4-LEVERS FOR 10 SIGNALS
4-LEVERS FOR 3 SWITCHES & 3 DERAILS
8 WORKING LEVERS
4 SPARE SPACES
16 LEVER FRAME

MECHANICAL LEVERS
3-LEVERS FOR 5 SIGNALS
4-LEVERS FOR 7 SWITCHES & 1 DERAIL
4-LEVERS FOR LOCKS
1-LEVER FOR 1 SMASHBOARD
1-LEVER FOR 1 MASTER LOCK
13 WORKING LEVERS
2-SPARE LEVERS
3-SPARE SPACES
16 LEVER FRAME

BUILT 5-16-09

CORRECTED AS OF 1-1-62



MAXIMUM AUTHORIZED SPEEDS

COOPER TO	TOM'S RIVER	ALL TRAINS 45 M.P.H.
COOPER TO	N.Y. DIVISION POST	ALL TRAINS 30 M.P.H.
12TH ST. TO	JERSEY	ALL TRAINS 30 M.P.H.

OVER COOPER RIVER BRIDGE, LI ENGINES 18 M.P.H., ALL OTHERS 20 M.P.H.

SWITCHES 03, 05, 07, 09 ARE E.P. TYPE A-3
SWITCHES 6, 7, 8, 9 ARE E.P. TYPE A-5, CONTROLLED FROM MECHANICAL MACHINE.
ALL SIGNALS POSITION LIGHT
ALL HAND SWITCHES TYPE T-20

THE PENNSYLVANIA RAILROAD
PHILA. REGION ATLANTIC DIST.
COOPER INTERLOCKING
CAMDEN NEW JERSEY

3

BUILT 4-26-37.

CORRECTED AS OF 1-1-62

"JERSEY"

C.T.C. DIRECT CONTROL MACHINE

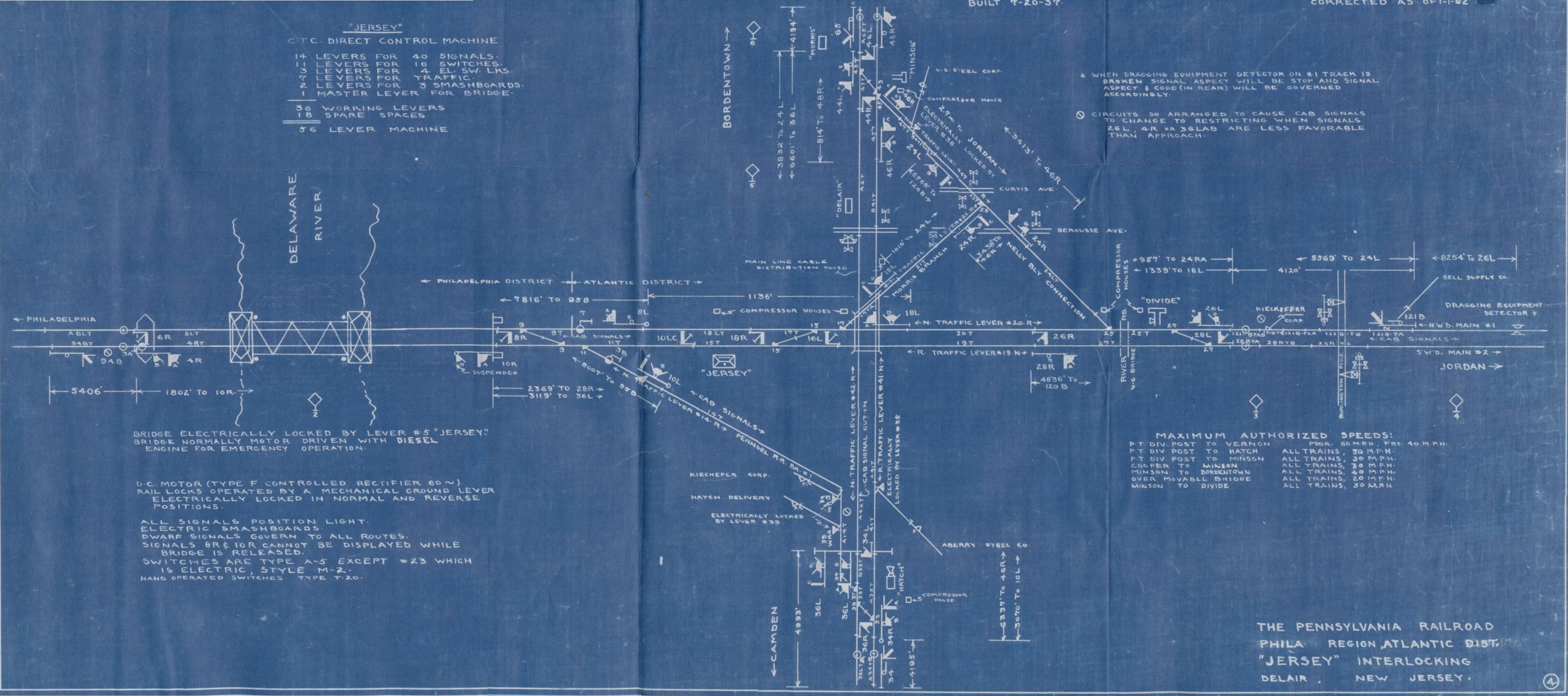
14 LEVERS FOR 40 SIGNALS.
11 LEVERS FOR 16 SWITCHES.
3 LEVERS FOR A. EL. SW. LKS.
7 LEVERS FOR TRAFFIC.
2 LEVERS FOR 3 SMASHBOARDS.
1 MASTER LEVER FOR BRIDGE.

38 WORKING LEVERS
18 SPARE SPACES

56 LEVER MACHINE

* WHEN DRAGGING EQUIPMENT DETECTOR ON #1 TRACK IS BROKEN SIGNAL ASPECT WILL BE STOP AND SIGNAL ASPECT & CODE (IN REAR) WILL BE GOVERNED ACCORDINGLY.

⊘ CIRCUITS SO ARRANGED TO CAUSE CAB SIGNALS TO CHANGE TO RESTRICTING WHEN SIGNALS 26L, 4R OR 36LAB ARE LESS FAVORABLE THAN APPROACH.



BRIDGE ELECTRICALLY LOCKED BY LEVER #5 "JERSEY."
BRIDGE NORMALLY MOTOR DRIVEN WITH DIESEL ENGINE FOR EMERGENCY OPERATION.

D.C. MOTOR (TYPE F CONTROLLED RECTIFIER 60 ~).
RAIL LOCKS OPERATED BY A MECHANICAL GROUND LEVER ELECTRICALLY LOCKED IN NORMAL AND REVERSE POSITIONS.

ALL SIGNALS POSITION LIGHT.
ELECTRIC SMASHBOARDS.
DWARF SIGNALS GOVERN TO ALL ROUTES.
SIGNALS 8R & 10R CANNOT BE DISPLAYED WHILE BRIDGE IS RELEASED.
SWITCHES ARE TYPE A-5 EXCEPT #23 WHICH IS ELECTRIC, STYLE M-2.
HAND OPERATED SWITCHES TYPE T-20.

MAXIMUM AUTHORIZED SPEEDS:

P.T. DIV. POST TO VERNON	PSGR. 60 M.P.H. FRT. 40 M.P.H.
P.T. DIV. POST TO HATCH	ALL TRAINS, 30 M.P.H.
P.T. DIV. POST TO MINSON	ALL TRAINS, 30 M.P.H.
COOPER TO MINSON	ALL TRAINS, 30 M.P.H.
MINSON TO BORDENTOWN	ALL TRAINS, 40 M.P.H.
OVER MOVABLE BRIDGE	ALL TRAINS, 20 M.P.H.
MINSON TO DIVIDE	ALL TRAINS, 30 M.P.H.

THE PENNSYLVANIA RAILROAD
PHILA. REGION, ATLANTIC DIST.
"JERSEY" INTERLOCKING
DELAIR, NEW JERSEY.

4

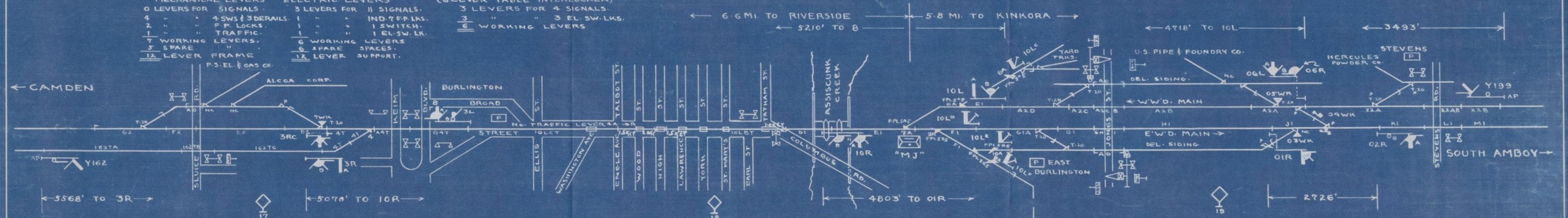
ELECTRO-MECHANICAL MACHINE (TYPE S-8)

MECHANICAL LEVERS	ELECTRIC LEVERS
0 LEVERS FOR SIGNALS.	3 LEVERS FOR 11 SIGNALS.
4 " " 4 SWS & 3 DERAILS.	1 " " IND. & F.P. LKS.
2 " " F.P. LOCKS.	1 " " 1 SWITCH.
1 " " TRAFFIC.	1 " " 1 EL. SW. LK.
7 WORKING LEVERS.	6 WORKING LEVERS
3 SPARE "	6 SPARE SPACES.
12 LEVER FRAME	12 LEVER SUPPORT.

ELECTRIC MACHINE
(GLEVER TABLE INTERLOCKER)
3 LEVERS FOR 4 SIGNALS.
3 " " 3 EL. SW. LKS.
6 WORKING LEVERS

BUILT OR REBUILT 10-10-25

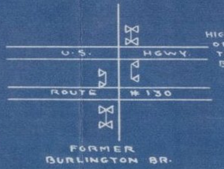
CORRECTED AS OF 1-1-32



MAXIMUM AUTHORIZED SPEEDS:

MINSON TO N.Y. DIV. POST. ALL TRAINS, 40 M.P.H.
BETWEEN WWD. HOME SIG. AT "MJ"
AND "BURLINGTON, (4½ MINUTES
MINIMUM RUNNING TIME), ALL TRAINS, 12.5 M.P.H.

PIPE CONNECTED SWITCHES: 5A, 5B, 7A, 8A, 9A, 10A.
ELECTRIC SWITCH (LOW VOLTAGE TYPE M-2) #4.
ALL SIGNALS POSITION LIGHT.
LEVER 02 (TABLE INT.) & LEVER 8 (5-8) TO BE EQUIPPED
WITH CENTER STOPPING DEVICE.
ALL H.O. SWITCHES TYPE INDICATED.
NOTE: AT HIGH ST. HIGHWAY TRAFFIC PREAMPTED
BY A.F.O.



HIGHWAY CROSSING SIGNALS OPERATED BY MEMBER OF TRAIN CREW THRU PUSH-BUTTON DEVICE.

THE PENNSYLVANIA RAILROAD
PHILA. REGION, ATLANTIC DIST.
"MJ" INTERLOCKING
EAST BURLINGTON, NEW JERSEY.