

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER  
PA  
SI-PHILA,  
712B-

HAER No. PA-404-B

THIRTIETH STREET STATION, LOAD DISPATCH CENTER  
30th and Market Street  
Amtrak (formerly Pennsylvania) Railroad Station  
Philadelphia  
Philadelphia County  
Pennsylvania

Photographer: Robert C. Stewart

January 1997

- PA-404B-1 VIEW WEST OF THIRTIETH STREET STATION; LOAD DISPATCH CENTER IS LOCATED ON THE FOURTH FLOOR, IMMEDIATELY TO THE RIGHT OF THE EAST PORTICO OF THE STATION.
- PA-404B-2 VIEW WEST WITHIN THE PERIPHERY OF THE LOAD DISPATCH MODEL BOARD, OPERATOR'S CONSOLE AND BUTTON BOARD IS IN THE LOWER LEFT QUADRANT OF THE PHOTOGRAPH.
- PA-404B-3 VIEW WEST WITHIN THE PERIPHERY OF THE LOAD DISPATCH MODEL BOARD, OPERATOR'S CONSOLE IS AT LOWER CENTER AND BUTTON BOARD IS AT LOWER RIGHT OF THE PHOTOGRAPH; SECTION OF MODEL BOARD SHOWN COVERS SUBSTATIONS FROM PERRYMAN (LEFT) TO FRANKFORD (RIGHT); INSTRUMENTS AT RIGHT CENTER OF PHOTOGRAPH FORMERLY MONITORED ENERGY USAGE AND WERE REPLACED BY A COMPUTERIZED MONITORING SYSTEM.
- PA-404B-4 VIEW SOUTHWEST OPERATOR'S CONSOLE AND BUTTON BOARDS WITHIN THE PERIPHERY OF THE LOAD DISPATCH MODEL BOARD.
- PA-404B-5 VIEW NORTHEAST OF LOAD DISPATCH MODEL BOARD; SECTION COVERS SUBSTATIONS FROM SUNNYSIDE YARD (RIGHT) TO MILLSTONE (LEFT).
- PA-404B-6 VIEW NORTH OF LOAD DISPATCH MODEL BOARD; SECTION COVERS SUBSTATIONS FROM METUCHEN (RIGHT) TO FRANKFORD JUNCTION (LEFT).
- PA-404B-7 VIEW WEST OF LOAD DISPATCH MODEL BOARD; SECTION COVERS SUBSTATIONS FROM EDGELY (RIGHT) TO THORNDALE AND WEST YARD (LEFT). INSTRUMENTS AT BOTTOM OF CENTER BOARD SECTION FORMERLY MONITORED ENERGY USAGE AND WERE REPLACED BY A COMPUTERIZED MONITORING SYSTEM.
- PA-404B-8 VIEW SOUTHWEST OF LOAD DISPATCH MODEL BOARD; SECTION COVERS SUBSTATIONS FROM PERRYMAN TO UNION STATION, WASHINGTON.
- PA-404B-9 VIEW SOUTHEAST OF COMPUTER CONTROLLED ENERGY MONITORING SYSTEM. SYSTEM REPLACED STRIP CHART RECORDERS AND OTHER INSTRUMENTS UNDER THE DIRECT OBSERVATION OF THE LOAD DISPATCHER.

THIRTIETH STREET STATION,  
LOAD DISPATCH CENTER  
HAER No. PA-404-B  
Index to Photographs  
(page 2)

- PA-404B-10 VIEW OF BUTTON BOARD WHICH ACCOMMODATES 1200 BUTTON SWITCHES WHICH MANUALLY CONTROL THE INDICATING PILOT LIGHTS ON THE MODEL BOARD. NOT ALL SWITCHES ARE ACTIVE, SOME SWITCHES WERE INSTALLED FOR A PLANNED, BUT NEVER CONSTRUCTED, SYSTEM EXPANSION.
- PA-404B-11 CLOSE-UP VIEW OF LEEDS AND NORTHRUP STRIP CHART RECORDERS USED TO INDICATE POWER USAGE ON CERTAIN PORTIONS OF THE SYSTEM. NOTE MODEL BOARD BUILDERS PLAQUE WHICH READS KELLOGG SWITCHBOARD AND SUPPLY COMPANY - CHICAGO, U.S.A. AT LEFT CENTER OF PHOTOGRAPH.
- PA-404B-12 CLOSE-UP VIEW OF LEEDS & NORTHRUP STRIP CHART RECORDER FOR MONITORING AND RECORDING POWER USAGE.
- PA-404B-13 CLOSE-UP VIEW OF A GENERAL ELECTRIC COMPANY DEMAND METER WHICH FORMERLY MONITORED RAILROAD POWER USAGE OBTAINED FROM PHILADELPHIA ELECTRIC COMPANY SOURCES.

THIRTIETH STREET STATION,  
LOAD DISPATCH CENTER  
HAER No. PA-404-B  
Key to Photographs  
(page 3)

