

Terminal Railroad Association Collection

Inventory of Eads Bridge Drawings at Washington University
Processed by Catherine Forslund, 1995

Section 7: Drawings 601-663

- TR-601 Details of hand railing, east approach
Size: 56x28 (in 4 pieces)
- TR-602 Details of railing
Scale: 1-1/2 inches=1 foot
Date: 4/8/1873; received at St. Louis, 4/16/1873 by Walter Katte (Engineer,
Keystone Bridge Co.)
Size: 54x26 (fragile and in 2 pieces)
- TR-603 #53: Longitudinal section of pier
Scale: 1/2 inch=1 foot
Date: 2/9/1871; received at St. Louis, 2/10/1871 by Walter Katte
Microfilmed
Size: 39x54 (folded and fragile)
- TR-604 Remodeled portion of warehouse No. 1 which is to be used by the freight
department, 9th and Poplar Streets, showing floor plan and elevations
Scale: 1/8 inch=1 foot
Date: 11/3/1926
Size: 36x24
- TR-605 #52: Elevation of half of middle span
Scale: 1 inch=4 feet
Size: 53x27 (folded, linen backed, fragile edge)
- TR-606 Unidentified, bottom portion of drawing, appears to be west approach piers,
shows masonry blocks and their dimensions
Size: 26x20
- TR-607 Unidentified, portion of drawing, appears to show plan of tracks/tunnel
overlayed on street grid around Poplar and 13th Streets, shows some lot lines
Size: 37x18 (with broken bottom left corner included)
- TR-608 2nd Street Bridge, lower roadway
Size: 35x24 (in 2 pieces)
- TR-609 Unidentified, appears to be diagrams of piers above and below water line, also
shows cross sections of pier base

Size: 49x25 (in multiple pieces)

- TR-610 Plan of tracks for Union Depot, east of Twelfth Street, area bounded by Austin, Poplar, 8th, 14th Streets, shows depot floor plan
Scale: 1 inch=50 feet
Size: 50x20
- TR-611 Plan of tracks for Union Depot, east of Twelfth Street, area bounded by Austin, Poplar, 8th, and 14th Streets, shows depot detail and additional detail of surrounding area, including distinction between passenger, freight and Missouri Pacific tracks
Scale: 1 inch=50 feet
Date: 12/18/1874
Size: 54x27 (folded)
- TR-612 Plan of tracks for Union Depot, east of Twelfth Street, area bounded by Austin, Poplar, 8th, and 14th Streets, shows details similar to TR-611
Scale: 1 inch=50 feet
Date: 12/15/1874
Size: 54x27 (folded)
- TR-613 Plan of tracks for Union Depot, east of Twelfth Street, area bounded by Austin, Poplar, 8th, and 14th Streets, shows details similar to TR-611
Scale: 1 inch=50 feet
Date: 12/15/1874
Size: 54x26 (folded)
- TR-614 Unidentified, appears to be a plan of tracks, perhaps top view of rail platform
Size: 34x59 (in 3 pieces, damaged; drawing breaks off at left and right edges)
- TR-615 Unidentified, appears to be a plan of tracks, perhaps top view of rail platform
Scale: 1 inch=3 feet
Size: 42x27
- TR-616 Unidentified, appears to be a plan of tracks, perhaps top view of rail platform
Scale: 1 inch=3 feet
Size: 40x27

- TR-617 #68: Cast iron columns, details of heads and bases, table of heights of columns
Date: received at St. Louis, 1/31/1872 by Walter Katte
Size: 27x28 (missing bottom right section, left bottom section loose)
- TR-618 Unidentified, portion of drawing which appears to be an elevation of a section between piers
Size: 18x13 (in 2 pieces, drawing breaks off on bottom, left and right edges)
- TR-619 Portion of #?: Bridges across Main Street and ??, appears to be top view of rail platform
Size: 9x13 (in 2 pieces, drawing breaks off on top, right, and bottom edges)
- TR-620 Unidentified, portion of drawing which appears to show base of piers below waterline and river bottom, includes what is possibly a cross section of pier
Scale: 1/8 inch=1 foot
Size: 22x27 (damaged; drawing breaks off at top, left, and right edges)
- TR-621 Portion of #?: Wrought iron girders for the bridges ????
Size: 27x20 (in 2 pieces, drawing breaks off at middle, right half missing)
- TR-622 Foundation of east abutment and east approach
Scale: 1 inch=12 feet
Size: 36x25 (very fragile and missing many segments)
- TR-623 Plan of the developed intrados (?) of the arch "A", west approach, shows masonry and sizes
Size: 27x41 (in multiple pieces)
- TR-624 Map showing land parcels in area along Washington Avenue between Third and Front Streets
Size: 54x15 (stored in 2 sections of multiple pieces each)
- TR-625 Design of proposed connection of St. Louis tunnel with post office
Scale: 1 inch=8 feet
Size: 51x21 (stored in 2 sections of multiple pieces each, damaged; drawing breaks off at top and bottom edges)
- TR-626 Portion of view of shafting, showing connection between engine and fan in ventilating chimney
Scale: 1 inch=12 inches

- Date: 6/25/1881
Size: 28x24 (in multiple pieces, damaged; drawing breaks off at all edges)
- TR-627 Sketch showing re-measurements made of bridge by direction of Col. C. Shaler Smith, Engineer
Scale: 1 inch=40 feet
Size: 40x8 (in 2 pieces, missing a section from the middle)
- TR-628 Castings for 20 inch pipe, 7th Street, 2 sets (4 half pieces) required
Size: 34x23 (damaged; drawing breaks off at bottom)
- TR-629 Portions of drawings that appear to be castings for pipe as in TR-628
Size: 16x8 and 16x14 (both damaged: drawings break off on 2/3 edges)
- TR-630 Struts made of 1(?) (channel?) bars (80 pieces required)
Scale: 1/8 full size
Date: recieved at St. Louis, 2/10/1871 by Walter Katte
Microfilmed
Size: 36x27 (in 2 pieces, damaged; drawing breaks off at left and is missing a middle section)
- TR-631 Portion of sketch showing relative position of bridge tunnel and new post office, and proposed U.S. post office and custom house, city block 193 between Olive and Locust Streets
Scale: 1 inch=4 feet
Size: 20x23 (multiple pieces, damaged; drawing breaks off at sides and bottom, middle section(s) missing)
- TR-632 Portion of drawing showing west approach and some details of rail connection
Size: 26x21 (multiple pieces, damaged; drawing breaks off at edges, some middle section(s) missing)
- TR-633 Plan showing land parcels overlayed on path of tunnel in area bounded by Washington, St. Charles, 7th, and 8th Streets, one parcel's ownership shown
Size: 14x10 (damaged; drawing breaks of at lower right corner)
- TR-634 #32: Support of cross beam of lower roadway at joint #31 & 32 (side span)
Scale: 1/8 full size
Date: 1/9/1871
Signed: Eads
Microfilmed
Size: 27x20

- TR-635 Wrought iron skewbacks for lower members (24 pieces required)
Microfilmed
Size: 27x20
- TR-636 #30 (revised): Support of cross beam of lower roadway at joint #10 & 11,
centre span
Scale: 1/8 full size
Date: 7/26/1871; received at St. Louis, 8/23/1871 by Walter Katte
Microfilmed
Size: 27x20
- TR-637 #57: Joint 22 of rib B of centre span
Scale: 1/4 inch=1 inch
Date: 2/9/1871; received at St. Louis, 2/10/1871 by Walter Katte
Microfilmed
Size: 27x20
- TR-638 #13: Skewback tubes and pins for middle span
Scale: 1/8 and 1/4 full size
Date: 6/25/1870
Signed: Eads--crossed out
Microfilmed
Size: 27x20
- TR-639 #46 (revised): Showing mode of supporting the railway on joints 7 & 34 of side
spans and 8 & 36 of centre span
Scale: 1/8 full size
Date: 7/31/1871; received at St. Louis, 8/23/1871 by Walter Katte
Microfilmed
Size: 27x20
- TR-640 #51: Mode of supporting the struts on joints 0 & 42 of side spans and 0 & 44
of centre span
Scale: 1/4 full size
Date: 1/26/1871; received at St. Louis, 2/10/1871 by Walter Katte
Microfilmed
Size: 27x20
- TR-641 Unidentified, shows a bridge span with some type of measurements at each
truss section
Scale: 1 inch=12 feet

- Size: 53x22 (in 2 pieces)
- TR-642 Portion of unidentified drawing, appears to show girder details and sections of piers and columns
Signed: Eads
Size: 20x26 (damaged; drawing breaks off at right)
- TR-643 Rear elevation of towers on east approach, showing masonry and dimensions
Microfilmed
Size: 26x20
- TR-644 Diagram showing conditions of erection 1/10/1874, also shows material erected from 1/10-1/17/1874
Signed: Theodore Cooper, Inspector
Size: 42x7 (in multiple pieces)
- TR-645 Diagram showing condition of erection 1/11/1873, also shows work up to 2/5/1874
Signed: Cooper
Size: 42x9 (in multiple pieces)
- TR-646 Diagram showing condition of erected position 11/15 (evening) 1873
Signed: Cooper
Size: 43x6 (in multiple pieces)
- TR-647 12 page rivet list for reinforcement of lower deck floor system of Eads Bridge, river spans, to carry Terminal RR Association of St. Louis, Engine #146 from Mississippi Valley Structural Steel Co., Decatur, IL
Date: 11/24/1924
- TR-648 64 pages of negative photostatic copies of letters, reports of John N. Ostrom, Consulting Bridge Engineer, to E. A. Hadley, Chief Engineer of Missouri Pacific R.R. Co., on physical condition of Eads Bridge and spans, also included is Ostrom's transmittal envelope with req. #, etc.
Date: various from 10/24/1927 through 2/15/1928
- TR-649 8 sheets of specifications for bridge auxiliary stringers for floor beams(?) of lower deck
Date: 3/1924
Size: 17x15
- TR-650 7 sheets of specifications for bridge reinforcing for floor beams for lower deck
Date: 4/25/1924
Size: 17x15

- TR-651 20 sheets of blueprint diagrams and specifications by Edge Moor Bridge Works for reconstruction of east approach, 120 foot truss span, contract #7156
Date: various from 1/23/1897-1/30/1897
Size: 13x17
- TR-652 20 sheets of blueprint diagrams and specifications by Edge Moor Bridge Works for reconstruction of east approach, contract #7157
Date: various from 1/12/1897-1/21/1897
Size: 13x17
- TR-653 42 photographs of tunnel walls near 3rd and Washington Streets in connection with foundations to be built for Mark Twain Expressway, along with original envelope
Date: 11/6/1956
Size: 8x10
- TR-654 3 documents: Inspection description of photograph series in TR-653, memo describing tunnel inspection for Expressway overpass, plan of layout of foundations for Mark Twain Expressway in vicinity of tunnel at 3rd and Washington Streets
Date: 11/5/1956, 11/6/1956, and 8/22-24/1956
Size: 8x11, 8x11, and 36x24 (folded)
- TR-655 Folder of unidentified fragments from various drawings
Size: various
- TR-656 Unidentified, appears to show some portion of piers relative to water line and some portion of pier cross sections
Size: 40x26 (in 2 pieces, damaged; drawing breaks off at upper left and right and bottom)
- TR-657 #69: Swivels for steel tension rods
Scale: 1/8 full size
Date: 4/8/1872, received at St. Louis 4/8/1872 by Walter Katte
Signed: Eads
Size: 27x20
- TR-658 #60: Cornices for approaches over Levees
Scale: 1/2 full size
Date: 3/15/1871
Signed: Eads
Size: 27x20

- TR-659 #57: Joint #22 of rib B of centre span
Scale: 1/4 inch = 1 inch
Date 1/31/1887
Signed: Eads
Size 27x20
- TR-660 #10 (revised): Eyeplate washers for middle span (steel)
Scale: 1/4/ full size
Date 10/3/1870
Signed: Eads
Size 27x20
- TR-661 #59: Construction of roadway on western approaches
Scale: 1/4 inch = 1 foot
Date 3/4/1871
Signed: Eads
Size: 40x27
- TR-662 #15: Location of pumps in balance gauge
Scale: 3/16 inch = 1 foot, 1/8 full size
Size: 25x27
- TR 663 #68: Cast iron columns
Scale: 1/4 and 1/8 full size
Date: 1/27/1882
Signed: Eads
Size: 27x30