













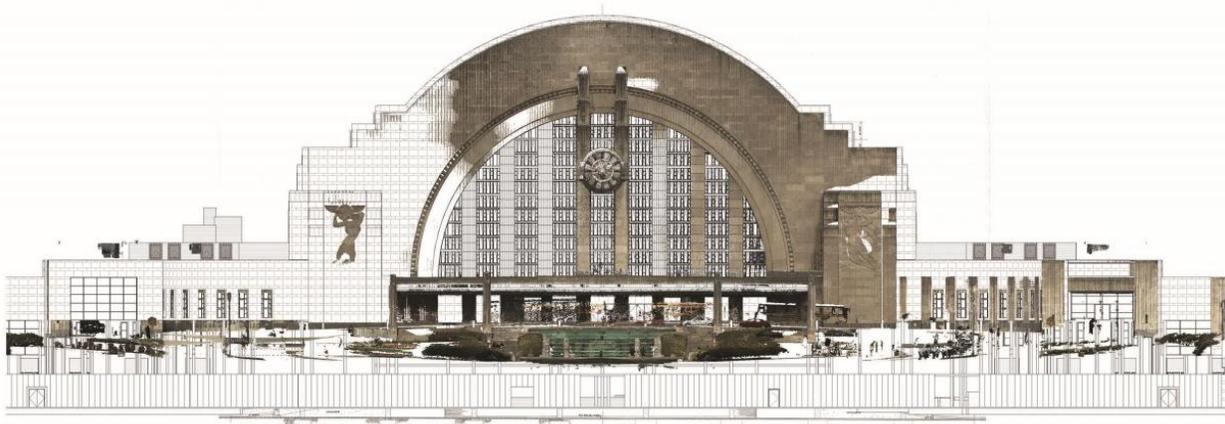








**Cincinnati Union Terminal Restoration and Renovation**  
1301 Western Avenue  
Cincinnati, OH 45203



**Project Release: Construction Documents Package A - Exterior**  
April 22, 2016

OWNER  
**Union Terminal LLC**  
1301 Western Ave.  
Cincinnati, OH 45203

PROJECT ARCHITECT:  
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332 East 8<sup>th</sup> Street  
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513-241-8700

CONSTRUCTION MANAGER  
**Turner Construction**  
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PRESERVATION ARCHITECT  
**John G. Waite Assoc. Architects**  
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Albany, NY 12207  
v 518.449.5440

STRUCTURAL ENGINEER  
**Silman**  
32 Old Slip, 10th Floor  
New York, NY 10005  
v 212.620.7970

STRUCTURAL ENGINEER  
**THP Limited Inc.**  
100 East 8th St.  
Cincinnati, OH 45202  
v 513.241.3222

MEP ENGINEER / LIGHTING  
**Arup**  
1120 Connecticut Ave. Suite 1110  
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v 202.729.8220

MEP ENGINEER  
**Heapy Engineering**  
1400 West Dorothy Ln.  
Dayton, OH 45409  
v 937.224.0861

CIVIL ENGINEER / LANDSCAPE  
ARCHITECT  
**The Kleingers Group**  
6305 Centre Park Dr.  
West Chester, OH 45069  
v 513.779.7851

**SECTION 04 0310****HISTORIC MASONRY CLEANING****PART 1 - GENERAL****1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

**1.2 SUMMARY**

- A. Section includes historic treatment work consisting of cleaning historic clay brick and stone masonry surfaces.
- B. Related Requirements:
  - 1. Section 01 3591 "Historic Treatment Procedures" for general historic treatment requirements.

**1.3 UNIT PRICES**

- A. Work of this Section is affected by unit prices specified in Section 01 2200 "Unit Prices."
  - 1. Unit prices apply to additions to and deletions from Work as authorized by Change Orders.
    - a. Additional masonry cleaning per square foot.

**1.4 DEFINITIONS**

- A. Very Low-Pressure Spray: Less than 100 psi.
- B. Low-Pressure Spray: 100 to 400 psi; 4 to 6 gpm.
- C. Medium-Pressure Spray: 400 to 800 psi; 4 to 6 gpm.
- D. High-Pressure Spray: 800 to 1200 psi; 4 to 6 gpm.

UP#	Description	Detail / Sheet	Unit of Measure	Cost/Unit	Minimum Length	Cost/Unit	Estimated Project Total	Total Cost
<b>Lintel Replacement</b>								
1	Lintel Replacement, Type A (L-A1), Outer (see schedule)	01/S-503	each		n/a			
2	Lintel Replacement, Type A (L-A1), Inner (see schedule)	01/S-503	each		n/a			
3	Lintel Replacement, Type A (L-A2), Outer (see schedule)	01/S-503	each		n/a			
4	Lintel Replacement, Type A (L-A2), Inner (see schedule)	01/S-503	each		n/a			
5	Lintel Replacement, Type A (L-A3), Outer (see schedule)	01/S-503	each		n/a			
6	Lintel Replacement, Type A (L-A3), Inner (see schedule)	01/S-503	each		n/a			
7	Lintel Replacement, Type B (L-B1), Outer (see schedule)	02/S-503	each		n/a			
8	Lintel Replacement, Type B (L-B1), Inner (see schedule)	02/S-503	each		n/a			
9	Lintel Replacement, Type B (L-B2), Outer (see schedule)	02/S-503	each		n/a			
10	Lintel Replacement, Type B (L-B2), Inner (see schedule)	02/S-503	each		n/a			
11	Lintel Replacement, Type B (L-B3), Outer (see schedule)	02/S-503	each		n/a			
12	Lintel Replacement, Type C (L-C1), Outer (see schedule)	03/S-503	each		n/a			
13	Lintel Replacement, Type C (L-C1), Inner (see schedule)	03/S-503	each		n/a			
14	Lintel Replacement, Type D (L-D1), Outer (see schedule)	01/S-503	each		n/a			
15	Lintel Replacement, Type D (L-D1), Inner (see schedule)	01/S-503	each		n/a			
16	Lintel Replacement, Type E (L-E1), Inner (see schedule)	02/S-503	each		n/a			
17	Lintel Replacement, Type F (L-F1), Outer (see schedule)	03/S-503	each		n/a			
18	Lintel Replacement, Type F (L-F2), Outer (see schedule)	03/S-503	each		n/a			
19	Lintel Replacement, Type F (L-F3), Outer (see schedule)	03/S-503	each		n/a			
20	Lintel Replacement, Type F (L-F3), Inner (see schedule)	03/S-503	each		n/a			
<b>Steel Repairs</b>								
	Masonry Associated with Steel Repairs							
	Masonry removals and replacement, including anchors, associated with steel repairs (see below)	01/S-504 thru 06/S-504	n/a	n/a	n/a	n/a		
21	Face Brick, 1 wythe	(see architectural)	sf					
22	Ashlar Stone, 4-inch thick	(see architectural)	sf					
23	Ashlar Stone, 8-inch thick	(see architectural)	sf					
24	Back-Up Brick (replacing brick), 1 wythe	(see Masonry Repairs on S-501 and Section XXXXX)	sf					
25	Back-Up Brick (replacing terra cotta), 1 wythe	(see Masonry Repairs on S-501 and Section XXXXX)	sf					





# **Cincinnati Union Terminal Restoration & Renovation**



**Bid Manual  
April 15, 2016**

**Turner**