

SUMMARY OF WORK

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PROJECT: Parking Structure #2 First Floor Modifications

WSU PROJECT NO.: 056-293338

PROJECT MANAGER: Omar Alhyari

1. EXAMINATION

The Contractor shall visit the site and become familiar with conditions under which he will be working. Also meet with the project manager and review site access, storage areas, etc.

2. Description of Work – Project includes **Changes to the concrete curbs in and out of the structure with a bid alternate for electrical work.**

3. The building is located at

Wayne State University
5150 John C Lodge Dr.
Detroit, Michigan 48202

Detailed Scope of Work

Project Understanding

Parking Structure Number 2 was built in 1971 and is comprised of approximately 570,000 gross square feet. The structure has about 2,000 parking spaces, mostly servicing students living on campus. Currently, the structure has a separated entrance and exit for staff parking; daily campus commuters use the rest of the spaces. The structure is open 24 hours a day, 7 days a week.

Wayne State University is currently planning to construct a large housing project just west of the parking structure in WSU's lot 41, which is scheduled to break ground the beginning of May 2017. This will affect the way students and staff access the structure. As such, Parking Structure Number 2 must undergo modifications throughout the structure to accommodate the new entrance and exit strategy.

Project Scope

General

- The awarded contractor is expected to coordinate with Traffic & Safety Control Systems, Inc., who will supply the necessary card readers and gate equipment. Coordination with the City of Detroit for curb modification on the Lodge Service Drive is needed.
- The project will be phased to keep the parking accessible all the time.

Lane 1 (Phase B)

- Demolish the exterior existing curb. Form and pour a new 10' radius entry curb at the Lodge Service Drive.
- Pour new concrete bases for the relocated parking sign, similar to existing. (Sign to be relocated by electrical contractor).
- Saw cut the concrete sidewalk from the edge of the garage to the mulch bed for the installation of conduit by the electrical contractor. Pour concrete back upon completion.

Lanes 2 and 3 (Phase C)

See Traffic and Safety drawing D2523-2

- Demolish the existing concrete entrance drive and install a new concrete pad (island) and drive. Prepare subsoil as necessary
- Form and pour a new concrete pad, per the specifications provided by Traffic & Safety Control Systems, Inc.

See WSU sheet #1

- Demolish the exterior existing curb and form and pour a new 10' radius entry curb at the Lodge Service Drive per City of Detroit specifications.
- Patch or replace any sidewalk necessary as a result of the work.
- Protect existing two (2) existing signs throughout construction.

Lane 4 (Phase D)

See WSU sheet #1

- Demolish and patch the area underneath the concrete pad located inside of the garage, as shown.
- Demolish the existing pad, form and pour a new curb at the adjacent pad.
- Demolish the existing curb, form and pour a new 10' radius exit curb at the Lodge Service Drive per City of Detroit specifications.
- Demolish the interior existing curb, form and pour a new curb.
- Provide and install one (1) clearance bar, match the dimensions and height of the existing.

Lane 5 (Phase D)

See WSU sheet #1

- On the interior of the parking structure demolish the existing curb. Form and pour a new curb per the drawings.

Lane 6 (Phase A)

See Traffic and Safety drawing D2523-3

- Demolish and replace cracked and damaged asphalt flooring.
- Demolish and replace existing concrete drive, slope to trench drain.
- Demo the existing island for conduit installation. When ready, form and pour a new island per the specifications provided by Traffic & Safety Control Systems, Inc.
- Relocate the existing bollards coordinate new location within the structure with the owner.

Miscellaneous Work

- Remove the existing metal guardrails on the first and second floors. Patch the areas where the bases penetrated the concrete floor.
- Remove the existing concrete bollards on the fourth floor and relocate them within the parking structure, per owner instruction. Patch the areas where the bollards penetrated the concrete floor.

Electrical Work (Bid Alternate)

- Relocate electrical for WSU electric sign, which is currently located on the northeast side of the structure.
- Provide and install electrical and data necessary for Traffic & Safety Control Systems, Inc. equipment per the documents.

WAYNE STATE UNIVERSITY PS #2
ENTRY / EXIT RECONFIGURATION

