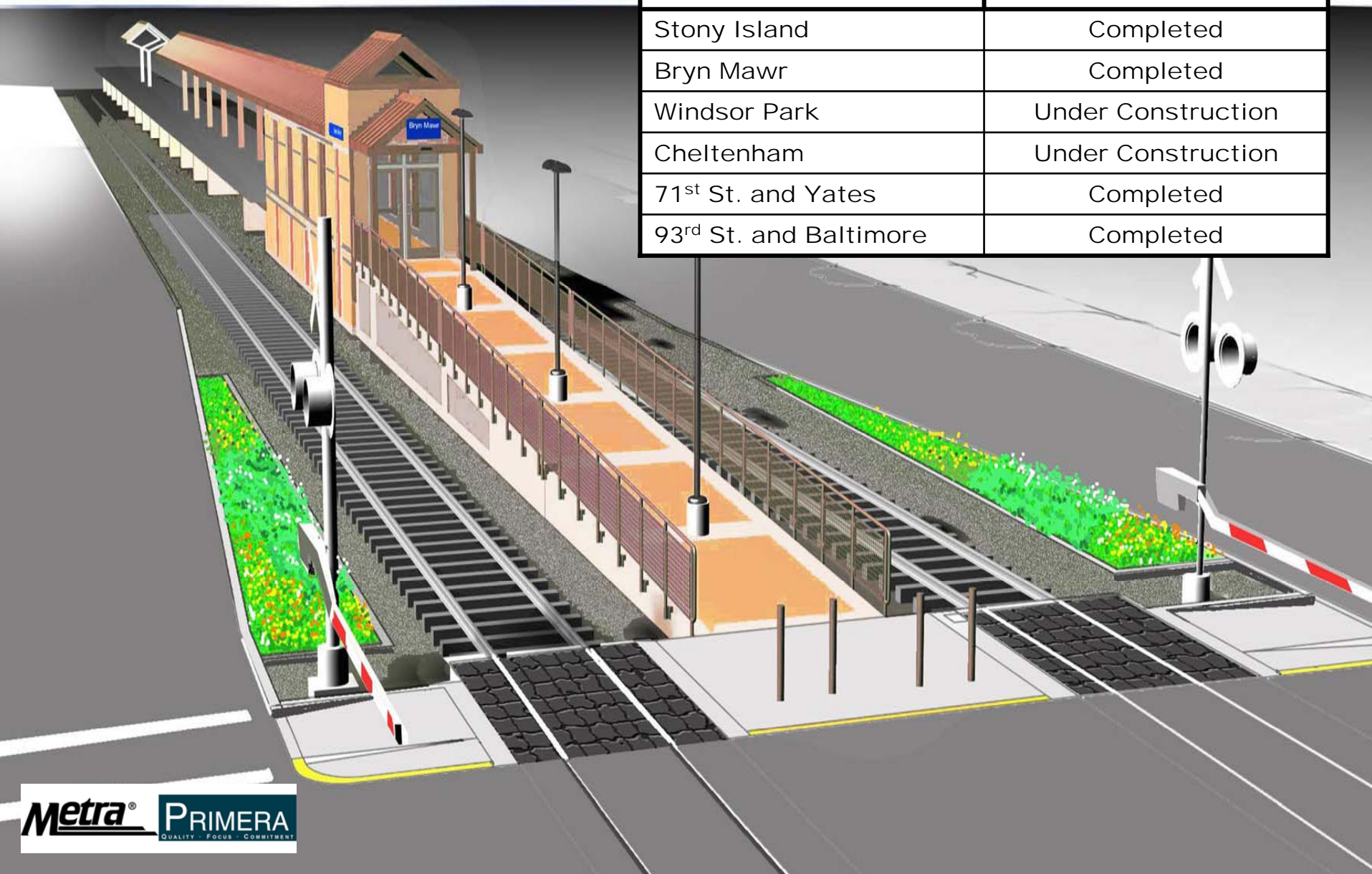




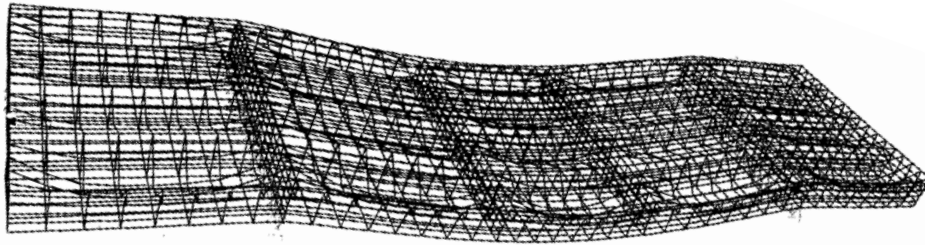
New Platform Showing ADTP System

Rendering of Typical New Station Using the ADTP System

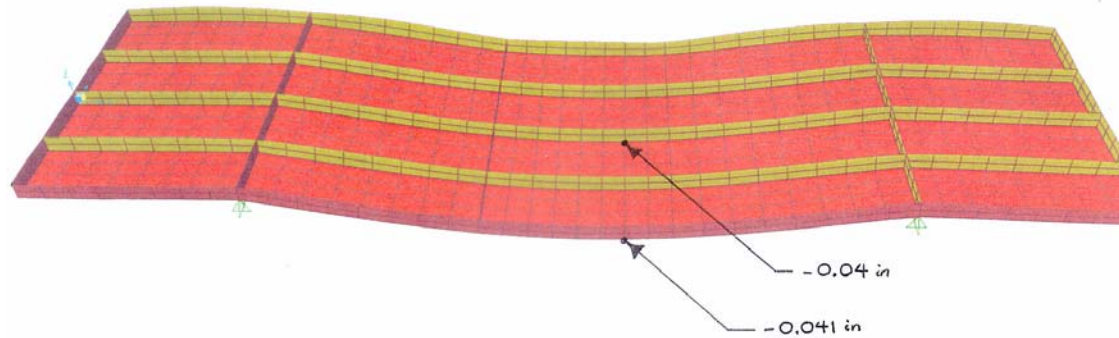
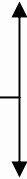
Stations to Date	Status
Stony Island	Completed
Bryn Mawr	Completed
Windsor Park	Under Construction
Cheltenham	Under Construction
71 st St. and Yates	Completed
93 rd St. and Baltimore	Completed



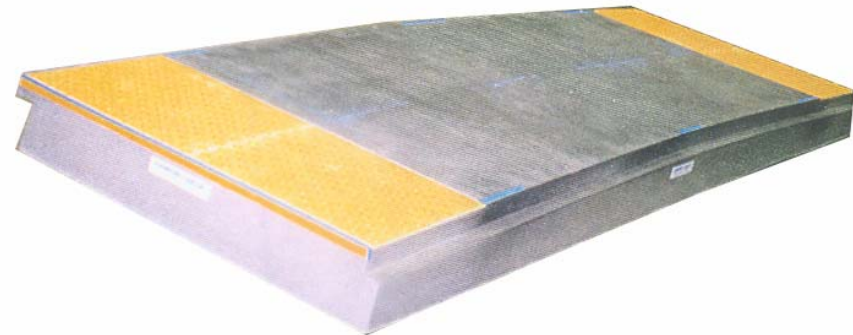
ADTP Panel and Analytical Calculations



Finite Element Analysis of ADTP



Typical ADTP Panel



Tests Performed by WJE and UL

WJE **Wiss, Janney, Elstner Associates, Inc.**
Engineers, Architects, Material Scientists

STRUCTURAL AND MATERIAL TESTS
OF
ARMOR-DECK® TRANSIT PLATFORM PANELS
FOR
ENGINEERED PLASTICS, INC.
WJE No. 980557
July 1, 1999

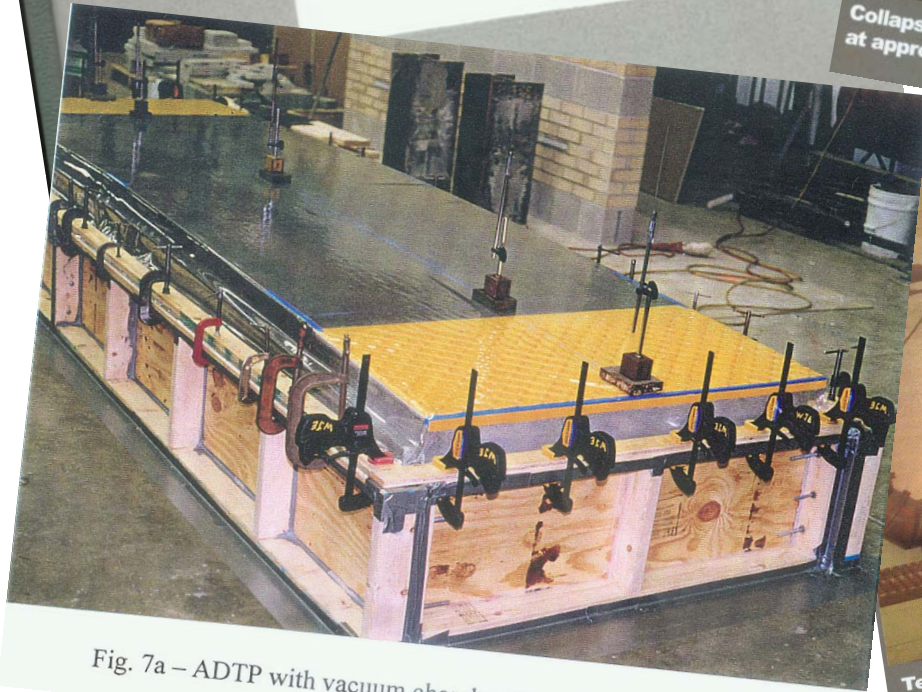


Fig. 7a – ADTP with vacuum chamber for ultimate load test



Collapse of platform under 500lbs load
at approximately 25 minutes of testing



Test underway with smoke and flames
penetrating wooden panel

In Situ Test (250 PSF) and Approval from the City of Chicago



City of Chicago
Richard M. Daley, Mayor

Department of Construction
& Permits

R. L. Rodriguez, Esq.
Executive Director

Main Office

City Hall, Room 900
121 North LaSalle Street
Chicago, Illinois 60602
(312) 744-8670
(312) 744-7839 (FAX)

Code Compliance

City Hall, Room 104
121 North LaSalle Street
Chicago, Illinois 60602
(312) 744-2367
(312) 744-8140 (FAX)

Neighborhood Permit Centers

2550 West Addison Street
Chicago, Illinois 60618
(312) 742-2560
(312) 742-2566 (FAX)

4770 South Kedzie Avenue
Chicago, Illinois 60632
(312) 745-4240
(312) 745-4340 (FAX)

2006 East 95th Street
Chicago, Illinois 60617
(312) 745-0995
(312) 745-2018 (FAX)

<http://www.cityofchicago.org>



COMMITTEE ON STANDARDS AND TESTS – March 21, 2007

March 22, 2007

Primera Engineering
100 S. Wacker Drive, Suite 700
Chicago, IL 60606

Attn: **Padro Cevallos-Candau**

Re: **7864 S. Exchange Ave and 7512 S. Exchange Ave.
Case 07-3B**

Dear Mr. Cevallos-Candau

In response to your team's March 21, 2007 presentation to the Committee on Building Standards and Tests, the Committee has voted to:

- Approve your request as presented to allow the use of Armor-Deck, a structural precast panel with a monolithic granite wearing surface, manufactured from reinforced polymer as a structural composite deck planking system for use at for the Metra Station located at the addresses noted above. The following conditions must be met:
 1. The permit drawings must indicate all required design loads, the composite material properties, composition and the testing and physical properties as a basis for structural engineering evaluation.
 2. Provide engineering calculations to DCAP for structural plan examiner's review.
 3. Provide a copy of the load test performed at the Stony Island Metra Station to DCAP for structural plan examiner's review.

All other building code requirements shall be met. This approval is site specific and shall not be viewed as a precedent. A permit is required for this work. Please contact your project administrator for any further action.

Very truly yours,

Robert Fahlstrom
Manager of Regulatory Review
Chair of the Committee of Standards and Tests
For R. L. Rodriguez, Executive Director

cc: R. L. Rodriguez
Committee members

