

PEACE THROUGH  
UNDERSTANDING

NEW YORK WORLD'S FAIR 1964-1965 CORPORATION  
INTERNATIONAL EXPOSITION AT FLUSHING MEADOW PARK  
FLUSHING 52, N.Y. • TELEPHONE • AREA CODE 212 • WF 4-1964 • CABLE ADDRESS "WORLDSFAIR"

ROBERT MOSES  
PRESIDENT

JUNE 1, 1963

WILLIAM WHIPPLE, JR.  
CHIEF ENGINEER

NOTES FOR THE CONSTRUCTION INDUSTRY

GENERAL

These notes are distributed monthly for information of those of the construction industry having an interest in the New York World's Fair of 1964-1965. The first part covers general progress in planning and construction; the second consists of a list of exhibitors and their architects, engineers, and estimated starting dates; and the last lists contracts recently let or being let in the near future by the World's Fair Corporation and the Park Department.

Attached are additions to the list of exhibitors and their architects, engineers and contractors. Another complete list will be distributed July 1st.

NOTES FROM THE CHIEF ENGINEER'S OFFICE

Construction activity on the World's Fair site continued to build up during May, with increased activity both by exhibitors and by World's Fair and Park Department contracts.

One of the most critical phases is construction of the curbs, roads and walkways throughout the Fair. Zara Contracting Co., Inc. placed 40,000 linear feet of mall and road curb during the month, and will commence paving within the next few days. Johnson Electrical Corp. has installed 75% of the illumination conduit and is pulling cable. D. Fortunato, Inc. is placing concrete in the Unisphere, Manship and Reflecting Pools. Auserehl & Son Contracting Corp. has completed the excavation on five smaller pools that will further enhance the beauty of the Fair site.

The overpass structure is substantially complete and will provide access to the Fair from the rapid transit system and the Long Island Rail Road on or about 1 July. This work was done under a Park Department contract by Corbetta Construction Co., Inc.

The five maintenance buildings have been essentially completed by Auserehl & Son Contracting Corp., and the principal building has been occupied.

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NOTES FOR THE CONSTRUCTION INDUSTRY (CONT'D)

NOTES FROM THE CHIEF ENGINEER'S OFFICE (CONT'D)

In the Lake Amusement Area, water, sewage, and drainage facilities are practically complete, and construction of electric conduit will soon be started. American Machine and Foundry has started placing foundations for 4400 foot long overhead Monorail amusement ride. The AMF Monorail will be supported on 100 structural steel columns 40 feet high, and their construction has to be carefully coordinated with the various utility lines, trees, and other installations in the area. Construction access to the Lake Amusement Area is currently maintained by a temporary exit from the Long Island Expressway service road; this exit will soon be closed, coincident with shifting of main expressway traffic on to the service road. Hopefully, bridge 14A will be opened by this time, allowing access across the expressway from the main Fair site.

Development of the shore line of Meadow Lake and general grading of the area is nearing completion. Two of the four wells with an estimated supplementary water supply of 6,000,000 gallons are nearing completion; the third and fourth are underway. Dredging of the Flushing Bay area is continuing under a Corps of Engineers contract.

The phase 4 planting under Green Valley Landscaping is less than 1% completed, although 85% of the time has elapsed. Under the ground cover contract, Central Jersey Landscaping Company has not yet started actual planting, although two thirds of the contract time has elapsed. On the Phase 5 planting contract, which has just been awarded, Landscaping by Country Gardens, Inc., is expected to start work by the second week of June.

Activity among exhibitors is stepping up at a rapid pace on the World's Fair site. Twenty-four exhibitors broke ground during the month of May, bringing the total of Exhibitors' buildings under construction to 70. New starts are as follows:

Arlington Hat Company, Inc.  
Billy Graham Pavilion  
Brass Rail Restaurant  
Century Grill International  
Dynamic Maturity  
Equitable Life Assurance Society of the United States  
First National City Bank  
Florida  
General Cigar Exhibit  
Hall of Free Enterprise  
Hawaii  
House of Good Taste, Inc.  
Indonesia  
Ireland



NOTES FOR THE CONSTRUCTION INDUSTRY (CONT'D)

NOTES FROM THE CHIEF ENGINEER'S OFFICE (CONT'D)

Japan  
Malaya  
Missouri  
Pakistan  
Protestant Center  
S.K. F. Industries, Inc.  
Spain  
Swiss Exhibits  
Swiss Sky Ride  
Westinghouse Electric Corporation

Of this total 8 are enclosed or well along toward enclosing their buildings; 13 are progressing satisfactorily on their structural work; 41 have advanced foundation work to near-completion; 8 are surveying and preparing sites for foundations.

Some interesting advances have been made at the Festival of Gas Exhibit, where steel work has, in a manner of speaking, "grown overnight." IBM has completed the ovoid theatre steel erection and will be enclosing the structure during the forthcoming month. Ford, General Motors, General Electric, Eastman Kodak, Travelers Insurance, New York Port Authority Heliport, New York State Pavilion and Coca-Cola continue to make excellent progress and will soon be working on interior finishes.

Exhibitors are also becoming very active in the Lake Area. Century Show Case has completed driving piles and is now pouring pile caps. Hawaii and Florida are driving piles.

Information from our exhibitors indicates that approximately 33 new construction starts will be made during the month of June. The submission of plans by all exhibitors in the recent weeks has been accelerated and several of our foreign exhibitors who had been slow in forthcoming in the past are now submitting their plans for review.

Off-road parking on a temporary basis has been provided for workers' and exhibitors' cars. On account of dust, a second treatment of calcium chloride has been placed on roads, and instructions have been given regarding dirt being tracked on adjacent highways or allowed to fall from overloaded trucks. Added attention is being given to construction safety and Mr. Wallace W. Bond has been appointed Safety Engineer for the World's Fair Corporation.



NOTES FOR THE CONSTRUCTION INDUSTRY (CONT'D)

NOTES FROM THE CHIEF ENGINEER'S OFFICE (CONT'D)

The Engineering Division of the Fair has recently circulated Advisory Engineering Memorandum No. 36 on Control of Radiation Sources and Radiation Testing and No. 37 on Wiring Methods and Circuit Wiring for Submersible Electrical Equipment in Exhibitors' Display Pools.

The number of workers on the site was 2960 at the end of May.



EXHIBITORS WITH ADVANCE BUILDING PLANS

| <u>Exhibitor and Representative</u>                      | <u>Architect and Engineer</u>   | <u>Contractor &amp; Estimate<br/>Starting Date</u>  |
|--|---|---|
| A.D.A. Incorporated                                      | add - Hannibal F. Zumbo, Bklyn,<br>N.Y.   | June, 1963  |
| Alaska   | add - Olsen & Sands, Juneau,<br>Alaska  |   |
| Amphitheatre   | delete - The Displayers, Inc.,<br>N.Y.  |   |
| Austria  |   | June, 1963<br>The Displayers, Inc.<br>N.Y.          |
| Belgian Village  | add - Hooks & Wax, N.Y.   |   |
| Central America  | add - Arq. Federico Morales,<br>El Salvador, C.A.<br>add - Ing. Harold Albert Sumner<br>El Salvador, C.A. |   |
| Chile  | add - Modubilt Corp., N.Y.  | July, 1963<br>Modubilt Corp., N.Y.                  |
| China  |   | Started<br>Thatcher Const. Co.,<br>N.Y.             |
| Christian Science Pavilion                               | add - Vandeburg-Linkletter<br>Assocs., N.Y.   |   |
| Dancing Waters   | add - Hannibal F. Zumbo, Bklyn,<br>N.Y.   |   |
| Equitable Life Assurance<br>Society of the United States |   | June, 1963<br>Humphries & Harding,<br>N.Y.          |
| First National Bank Auxilliary<br>Building               | Modubilt Corp., N.Y.<br>Purdy & Henderson, N.Y.   | Started<br>Roth-Harris Const.<br>Co., Teaneck, N.J. |
| Florida  | add - Walter E. O'Leary, Miami<br>Florida (S)   |   |
| Ford Motor Company                                       | add - Taylor & Gaskin, Inc.,<br>Detroit 7, Michigan   |   |



Exhibitor and Representative

Architect and Engineer

France

Mr. Anthony B. Golff  
Int'l. Exhibitions Corp.  
660 Madison Avenue  
New York 21, New York

General Cigar Exhibit

Started  
Turner Const Co.,  
N.Y.

German Pavilion - West Germany

Mr. Martin F. O'Toole  
German Pavilion, Inc.  
30 Rockefeller Plaza  
New York 20, New York

Ira Kessler, N.Y.

June, 1963  
Hegeman-Harris Co.  
Inc., N.Y.

Hall of Free Enterprise

Mr. Howard A. Harkavy  
Harkavy Associates  
29 Rolling Way  
New Rochelle, New York

Ira Kessler, N. Y.

July, 1963  
Hegeman-Harris Co.  
Inc., N.Y.

Indonesia

add - Jos. Loring Assocs.,  
N.Y. (M&E)

Japanese Exhibitors' Assn. for  
the New York World's Fair

Mr. Nori Sinoto  
The Thinking Corp. of N.Y., Inc.  
Time & Life Building  
Rockefeller Center  
New York 20, New York

add - Purdy & Henderson Assocs.,  
N.Y.

Started  
Vermilya-Brown Co.  
Inc., N.Y.

Jordan

add - James A. Evans, N.Y.

June, 1963  
F.D. Rich, Stamford  
Conn.

Lebanon

add - Edwin Weed, N.Y.

Malaya

June, 1963  
D. Fortunato, Inc.  
Floral Park, N.Y.

Missouri

Started  
Robert Glenn, Inc.  
N. Y.

Monorail

add - Sverdrup & Parcel, N.Y.



| <u>Exhibitor and Representative</u>  | <u>Architect and Engineer</u>  | <u>Contractor &amp; Estimated<br/>Starting Date</u> |
|--|--|---|
| OAMCE<br>Mr. Henri Djeegue-Ndoumbe<br>Commercial Counsellor<br>Embassy of Cameroon<br>5420 Colorado Avenue, N.W.<br>Washington 11, D. C.<br><br>Dunbarry African Developments<br>99 Wall Street - Suite 1612<br>New York 5, New York | Ray Graham and Tom John, N.Y.  | July, 1963  |
| Pennsylvania   | add - Walter Dorwin Teague Assocs.,<br>N.Y.<br>add - William Sklaroff Design<br>Assocs., Phila., Pa. | July, 1963  |
| Pepsi-Cola Company   |  | Started<br>Fuller Const. Co.<br>N.Y.                |
| Philippines  | add - Jeffrey Ellis Aronin, N.Y.   |   |
| Polynesian Village<br>Mr. Paul M. Stocker<br>Mr. J. Templeman<br>306 Lyon Bldg.<br>Seattle 4, Washington   | Abel Sorensen, N. Y.   |   |
| Reliance Maintenance<br>Mr. Miles Rubin<br>Reliance Maintenance Co.<br>350 Fifth Avenue<br>New York, New York  |  |   |
| Scott Paper Company  |  | Started<br>D. Fortunato, Inc.<br>Floral Park, N.Y.  |
| Sinclair Service Station<br>(Meadow Lake Parking Field)  |  | June, 1963<br>Alfred Laufer, Inc.<br>N.Y.           |
| Spain<br>Mr. Miguel Garcia de Saez<br>Commissioner General of Spain<br>850 Third Avenue, 12th Floor<br>New York 22, New York   | Kelly and Gruzen, N.Y.   | Started   |
| Swedish Consortium   |  | June, 1963<br>George A. Fuller<br>Const. Co., N.Y.  |

Exhibitor and Representative

Architect and Engineer

Tunisia

add - Lucien David, N.Y.

West Berlin

Ira Kessler, N.Y.

Mr. Arnold H. Kagan  
International City Corp.  
30 Rockefeller Plaza  
New York 20, New York

July, 1963  
Hegeman-Harris Co.,  
N.Y.

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Letters in parenthesis after name and location of engineering firms indicate as follows:

(E) Electrical  
(M) Mechanical

(F) Foundation

(L) Landscaping  
(S) Structural



NEW YORK WORLD'S FAIR and PARK DEPARTMENT CONSTRUCTION CONTRACTS  
 (Note: Contracts to be let by Park Dept. indicate PD, by World's Fair indicate WF)

| <u>I T E M</u>  | <u>Engineer<br/>or<br/>Architect</u> | <u>Anticipated or Actual<br/>Date of Contract<br/>Award &amp; Amount</u> | <u>Contractor</u>                         |
|---|--------------------------------------|--|---|
| Decorative Features -<br>IRT-LIRR Overpass(WF)        | Andrews & Clark,<br>N. Y. C.         | 15 July 1963<br>Approx \$150, 000.                                       |   |
| *Three Comfort Stations &<br>Boy Scout Camp(WF)       | Clarke & Rapuano,<br>N. Y. C.        | 15 July 1963<br>Approx \$100, 000.                                       |   |
| *Drinking Fountains(PD)                               | Clarke & Rapuano,<br>N. Y. C.        | 15 July 1963<br>Approx \$75, 000.  |   |
| *Directional & Street<br>Signs(WF)                    | Clarke & Rapuano,<br>N. Y. C.        | 1 July 1963<br>Approx \$100, 000.  |   |
| *Fence Leased Area(PD)                                | Andrews & Clark,<br>N. Y. C.         | 1 July 1963<br>Approx \$200, 000.  |   |
| *Unisphere, Flagpole Lighting<br>& Mall Lighting (WF) | Hamel & Langer,<br>N. Y. C.          | 1 July 1963<br>Approx \$500, 000.  |   |
| *Landscaping-Phase 6 (PD)                             | Clarke & Rapuano,<br>N. Y. C.        | 1 July 1963<br>Approx \$600, 000.  |   |
| *Poles for Street Lighting<br>(PD)                    | Hamel & Langer,<br>N. Y. C.          | 1 July 1963<br>Approx \$150, 000.  |   |
| *Bench Units (PD)                                     | Clarke & Rapuano,<br>N. Y. C.        | 1 July 1963<br>Approx \$450, 000.  |   |
| *Information Booths (WF)                              | Kahn & Jacobs,<br>N. Y. C.           | 1 July 1963<br>Approx \$40, 000.   |   |
| *Public Address System -<br>2nd Stage (WF)            | Hamel & Langer,<br>N. Y. C.          | <u>Bids Opened</u><br>4 June 1963<br>\$215, 989.                         | <u>Low Bidder</u><br>Belmont Electric Co. |
| *World's Fair Assembly<br>Area (WF)                   | Eggers & Higgins,<br>N. Y. C.        | 15 June 1963<br>Approx \$1, 200, 000.                                    |   |
| *Flushing Airport Parking<br>Field (WF)               | Andrews & Clark,<br>N. Y. C.         | 15 June 1963<br>Approx \$1, 000, 000.                                    |   |
| *Amphitheatre Rehabilitation<br>(WF)                  | Sears & Kopf,<br>N. Y. C.            | <u>Bids Opened</u><br>4 June 1963<br>Approx. \$350, 000.                 | <u>Low Bidder</u><br>D. Fortunato, Inc.   |



NEW YORK WORLD'S FAIR and PARK DEPARTMENT CONSTRUCTION CONTRACTS  
 (Note: Contracts to be let by Park Department indicate PD, by World's Fair indicate WF)

| ITEM  | Engineer<br>or<br>Architect                            | Anticipated or Actual<br>Date of Contract<br>Award & Amount | Contractor   |
|---|--|---|--|
| *Display Planting(WF)   | Clarke & Rapuano,<br>N. Y. C.                          | Bids Opened<br>29 May 1963                                  | Low Bidder<br>Howe Nurseries                             |
| *Landscaping-Phase 5(PD)  | Clarke & Rapuano,<br>N. Y. C.                          | Bids Opened<br>15 April 1963<br>\$323, 714. 75              | Low Bidder<br>Landscaping by<br>Country Gardens, Inc.    |
| *Flagpoles(WF)  | Clarke & Rapuano,<br>N. Y. C.                          | 25 April 1963<br>\$114, 144.                                | North American Iron<br>& Steel Co. Inc.                  |
| *Entrance Towers(WF)  | Richardson, Gordon<br>& Associates,<br>Pittsburgh, Pa. | 2 April 1963<br>\$261, 632.                                 | Harris Structural<br>Steel Co. Inc.                      |
| *Paving Exhibit & Lake<br>Area(PD)  | Andrews & Clark,<br>N. Y. C.                           | 15 April 1963<br>\$3, 024, 795.                             | Zara Contracting Co.<br>Inc.                             |
| *Temporary Pools(WF)  | Clarke & Rapuano,<br>N. Y. C.                          | 28 March 1963<br>\$724, 776.                                | Auserehl & Son<br>Contracting Corp.                      |
| *Temporary Lighting &<br>Fountains to be Installed<br>in Permanent Park Pools<br>(WF) | Hamel & Langer,<br>N. Y. C.                            | 18 March 1963<br>\$428, 994.                                | D. Fortunato, Inc.                                       |
| *Meadow Lake & Lawrence St.<br>Parking Fields & Rodman<br>St. Bus Terminal(WF)        | Andrews & Clark,<br>N. Y. C.                           | 8 March 1963<br>\$1, 216, 210.                              | Hendrickson Bros.<br>Inc.                                |
| *Basic Street Lighting(WF)  | Hamel & Langer,<br>N. Y. C.                            | 1 March 1963<br>\$748, 904.                                 | Broadway Maintenance<br>Corp.                            |
| *Pool of Industry - Mechanical,<br>Structural, Electrical(WF)                         | Hamel & Langer,<br>N. Y. C.                            | 1 March 1963<br>\$2, 005, 935.                              | The Lummus Co.   |
| *Pumps for Fountains(WF)  | Hamel & Langer,<br>N. Y. C.                            | 26 February 1963<br>\$86, 274.                              | Layne & Bowler<br>Pump Co.                               |
| *Drill & Equip Wells 3 & 4(PD)  | Hazen & Sawyer,<br>N. Y. C.                            | 21 December 1962<br>\$137, 417.                             | Mathies Well Pump<br>Co. Inc.                            |
| *Sewage Pump Houses(PD)   | Hazen & Sawyer,<br>N. Y. C.                            | 19 December 1962<br>\$178, 250.<br>\$44, 836.               | Remsco Assocs.<br>Gurland Electrical<br>Contr. Corp. (E) |



NEW YORK WORLD'S FAIR and PARK DEPARTMENT CONSTRUCTION CONTRACTS

(Note: Contracts to be let by Park Department indicate PD, by World's Fair indicate WF)

| <u>ITEM</u>  | <u>Engineer<br/>or<br/>Architect</u>                             | <u>Anticipated or Actual<br/>Date of Contract<br/>Award &amp; Amount</u>        | <u>Contractor</u>  |
|--|--|---|--|
| *Arboretum Area(PD)  | Clarke & Rapuano,<br>N. Y. C.                                    | 17 December 1962<br>\$223, 917. 50  | Edenwald Contracting<br>Co.  |
| *Entrance Building(PD)   | Andrews & Clark,<br>N. Y. C.                                     | 30 November 1962<br>\$482, 414.<br>\$139, 776.<br><br>\$123, 776.<br>\$86, 899. | Rubin Constr. Corp.<br>Herrick Electrical<br>Contr. Co. Inc. (E)<br>H. Novinson & Co. (P)<br>S. Gerber & Co. Inc.<br>(H & V) |
| *Second Stage Construction<br>of Roadways & Utilities<br>(PD)                              | Andrews & Clark,<br>N. Y. C.                                     | 24 September 1962<br>\$823, 277. 50   | Tufano Contracting<br>Corp.  |
| *Permanent Park Pools(PD)  | Clarke & Rapuano,<br>N. Y. C. and<br>Hamel & Langer,<br>N. Y. C. | 9 November 1962<br>\$2, 357, 282. 40  | D. Fortunato, Inc.   |
| *Second Stage Construction<br>of Underground Electrical<br>& Communications System<br>(PD) | Syska & Hennessy,<br>N. Y. C.                                    | 20 August 1962<br>\$2, 994, 678.  | Johnson Electrical<br>Corp.  |

\*Indicated contracts listed in last report

(E) - Electrical

(P) - Plumbing

(H&amp;V) - Heating &amp; Ventilating