Work Starts on Smithsonian Metro Subway Station

The burgeoning expanses of two-tone green fencing across the Mall between Twelfth and Fourteenth streets have marked in recent weeks the start of construction work on the Smithsonian Metro subway station.

The station is part of a 24-mile network of subway lines that Metro officials plan to have operating for the 1976 Bicentennial celebration. The station and about a quarter-mile of connecting tracks will be built under a $14.7-million contract.

The segment will begin on the southwest corner of Twelfth St. and Constitution Ave., pass a few feet from the southeast corner of the National Museum of History and Technology, curve gradually under the Mall, and pass the northeast corner of the Agriculture Department Administration Building. The tracks will pass under the Twelfth and Independence Ave. intersection north of the northeast corner of Agriculture's South Building, and in the parking lot just north of Twelfth and C streets SW, will join Metro trackage running under D St.

The 600-foot-long, side-platform station will have two entrances, one on the southwest corner of Twelfth and Independence, and one on the southwest corner of Twelfth and Adams Drive (the second east-west drive from the south side of the Mall).

The contractor's first step in construction was to dig trenches to relocate underground utilities along the route. The trenches were covered with heavy steel plates wherever the excavations cross streets, to permit a continued flow of traffic. Then holes were drilled for setting soldier piles parallel to and just outside the walls of the subway structure. (Continued on Page 4)

Field to Succeed Fred L. Whipple As SAO Director

Dr. Fred L. Whipple, Director of the Smithsonian Astrophysical Observatory, in Cambridge, Mass., will retire next July 1, Secretary Ripley has announced. Dr. George B. Field of Harvard University has been named Director to succeed Dr. Whipple at that time.

Upon his retirement Professor Whipple will become a Smithsonian Senior Scientist and devote his full time to research. Harvard University has announced that he will also continue as Phillips Professor of Astronomy after July 1.

Dr. Field Dr. Whipple

Dr. Field is Professor of Astronomy at the Harvard College Observatory, and is scheduled to become its Director as well on July 1. In his capacity as Director of both observatories, he will continue to develop their joint research efforts.

The record of informal cooperation between the two institutions is one of very long standing. A more formal relation... (Continued on Page 4)
Viola Brings New Techniques To Anthropological Archives

The National Anthropological Archives, under its new chief, Dr. Herman J. Viola, is in the process of instituting new techniques that will expand its holdings and improve its accessibility to scholars.

Dr. Viola succeeds Mrs. Margaret C. Baker who retired last June after 25 years of service.

The new Archivist was formerly at the National Archives where he founded and edited the prize-winning scholarly journal, *Papers of the National Archives*.

He and his staff of six are responsible for a group of national archives, including the National Portrait Gallery, the Library of Congress, American Archive of Oral History, the Marine photographs collection, and the Arthur Houghton Jr. papers. A number of Indian tribes are setting up their own historical societies, Dr. Viola said, and he is anxious to acquire copies of the papers of these and other Indian organizations for the Archives. At the same time he hopes to add to the Archives microfilm copies of important research collections both here and abroad.

Many of the photographs in the book produced by an American Indian tribe.

everett Burch, Vice Chairman of the delegation of Southern Utes, headed by Dr. Viola Benent Smith.

Archivist's holdings include the records of the former Bureau of American Ethnology, which operated from 1879 to 1966 when its functions were transferred to the Department of Anthropology. the Archives is currently valued at $4,000.

As it happens, Dr. Viola is himself a specialist on the American Indian. He is currently engaged in writing a major biographical study (scheduled for publication by the Smithsonian, under the editorship of Mr. Kenney) of Thomas L. McKenney, Mr. Kenney, recently a forgotten figure in American history was the founder of the famous McKenney and others that constitute Washington's first "Indian Archives," a collection that was transferred to the Smithsonian in 1859.

The heart of McKenney's "Archives" was the more than 100 paintings he commissioned of visiting Indian chiefs. Charles Bird King, a local artist whose studio and gallery were on the east side of Twelfth St., between the streets of N. and NW, did most of the portraits. They were subsequently reproduced photographically in the three volume work, The Indian Tribes of North America, which was published simultaneously with the first edition of the *Archives* in 1854.

The portraits were held September 20 at the Ft. Myer Chapel, with interment at Arlington Cemetery.

Nixon Appoints WWC Trustees

President Nixon has appointed two new trustees to the board of the Woodson Wilson International Center for Scholars and has reappointed a third.

William M. Bond, chairman of the J. C. Penney Co., and Robert H. Bork, a law professor at Yale University, are the new members. They succeed attorneys James Forsyth and James MacGregor Burns, political science professor, Rawleigh Warren Jr., chairman of the Mobil Oil Corp., was reappointed.

William J. Baroody, president of the American Enterprise Institute for Public Policy Research, was named chairman of the board in July, succeeding Hubert H. Humphrey.

Dubnar Is Secretary Of Resources Ass'n

Gene Dubnar, of the Earth Science Branch of the Smithsonian Science Information Exchange, Inc., has been named Secretary of the National Capital Section of the American Water Resources Association.

For the past several years, Mr. Dubnar has been instrumental in the preparation by SIE of the Water Resources Research Catalog, a series of volumes for the Office of Water Resources Research, U.S. Department of the Interior.

CU BEGINS SECOND $10 MILLION--The SI Employees' Federal Credit Union in a special ceremony September 20 observed the disbursement of the 10 millionth dollar loaned since it was organized 37 years ago. Receiving the loan was Malcolm M. Condon, who made a $25 bond to the Credit Union. Gathered for the ceremony in the Credit Union offices were employees interested in promotion or reassignment to another job at the Smithsonian. At the same time he hopes to add to the Archives microfilm copies of important research collections both here and abroad. A number of Indian tribes are setting up their own historical societies, Dr. Viola said, and he is anxious to acquire copies of the papers of these and other Indian organizations for the Archives. At the same time he hopes to add to the Archives microfilm copies of important research collections both here and abroad. Many of the photographs in the book produced by an American Indian tribe.

Dr. Freeman

Dr. Freeman was born in Washington, D.C. His undergraduate and graduate work were taken at the University of Minnesota where he received his Ph.D. in Biochemistry in 1931. He now making use of the Archives facilities for his research, which is in the process of instituting new techniques that will expand its holdings and improve its accessibility to scholars.

Grant From Noble Foundation To Finance Ecology Study

The Smithsonian Institution has received a $125,000 grant from the Edward John Noble Foundation for a public environmental information research program, Dr. David Challinor, Assistant Secretary for Science, has announced.

The five-year program will be conducted at the Smithsonian's Chesapeake Bay Center for Environmental Studies (CICES).

"This generous grant is especially sig-

Current officers of the local are:

- Doe I. Streicker, president; Frank Mathis, first vice-president; Leroy Butler, National Zoological Park vice-president--animal division; Walter Lample, National Zoological Park vice-president--grounds division; Cecil Howze, treasurer; Rudolph Dale, vice-president, protection division; Tousant Wallace, vice-president, Office of Exhibits; and Harry Willis, Sr., vice-president, BMD-shops.

NPG Historian Is Indiana Lecturer

Dr. William I. Miller, historian for the National Portrait Gallery, was selected as one of three scholars chosen annually from among the best qualified candidates are consid-

"The purpose of the project is to develop tools-from among which a public information system can be established that will create a widespread understanding of the functioning and dynamics of a regionalistic system, identify crucial problems affecting such a system, and develop linkages between concerned individuals.

The investigation, although based on the Chesapeake Bay Region, will be approached from the standpoint of their applicability to other areas of the nation.

Employees Urged To Use Skills Files

Candidates who wish to be considered for jobs as clerk-typists (GS-3 through GS-5), clerk-stenographers (GS-4 through GS-5), and secretaries (GS-4 through GS-9) should submit applications to the Office of Personnel Management for consideration.

Employees interested in promotion or reassignment to another job at the same grade may get applications from the Office of Personnel and submit them for the skills files at any Water office.

When an appropriate job is available, the best qualified candidates are contacted.

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Smithsonian employees have been re-

The five-year program will be conducted at the Smithsonian's Chesapeake Bay Center for Environmental Studies (CICES).
SI Establishes Women's Unit

By Archie D. Grinnell
Director of Equal Employment Opportunity

The Smithsonian Women's Council was established by the Secretary as of April 19.

The primary role of the Council is to (1) provide a forum for the expression of interest in programs by women at the Smithsonian; (2) facilitate communication by functioning as a two-way channel between the Institution and the women of the United States; (3) exchange ideas between women at the Smithsonian and the Director of Equal Employment Opportunities; (4) recommend members of the Council to the Director of Personnel, and members of the Secretary's Executive Committee; (5) encourage action on concerns expressed by women at the Smithsonian, and (4) lend coordinate strength to individuals and groups seeking to promote the good of all Smithsonian employees.

The Council, which is a nine-member advisory group appointed by the Secretary, includes Gwendolyne G. Baker, Smithsonian and National Museum Programs; Dorothy E. Estep, Buildings Management Department; Gretchen Gayle, Office of Academic Studies; Joyce K. Jones, Office of Portrait Gallery; Marie Malaro, Office of General Counsel; Mary Lynne McElroy, Office of the Secretary; Edna W. Owens, Office of Exhibits; Ruth E. J. Terry, Smithsonian Institution Libraries; and Karen H. Ulrich, Office of the Treasurer.

More than 100 college-level courses will be offered after working hours to civilians, military personnel, and the general public in 23 downtown federal buildings in Washington this spring through the Federal After-Hours Education Program.

Spring Courses Offered by GW

Christian E. Strawbridge, of the Buildings Management Department, received an award for developing a "Group Support Record Sheet" to be used in conjunction with 8-hour courses in the department. Harold J. Pippin, Jr., of the Office of Exhibits, received an award for suggesting that the Smithsonian buildings be open 15 minutes before the scheduled opening time in inclement weather to allow early arriving visitors to wait in the vestibule or a blocked-off area until the official opening time.

Awards Received By Four Employees

Two SI employees have received awards for suggestions to improve Smithsonian operations, and two others have received sustained superior performance awards.

Financial Aid Programs Revised

The program applies to all federal employees at the Institution. One of the changes in the program is the introduction of the job element method into the procedures used for promotions in trades and crafts jobs. This method matches the man to the job—if he can do the job he is qualified, regardless of how or where he acquired his experience plays no part in the evaluation process.

Courses Completed in Learning Lab

Four employees have successfully completed the beginning shorthand course in the Learning Lab and have also passed the Civil Service testing examination, taking dictation at 80 words per minute.

Notes From EEO

SI Recognizes Women's Unit

Dr. Edward B. Unterberg, director of the Personnel Office, has received many compliments about the handbook concerning its publication, the content, the design and the overall quality," remarked Vincent J. Doyle, office director. "While the Personnel Office appreciates the praise, we want to make sure that we don't take all the credit. We would like to thank all those who had a part in its production, but particularly we would like to single out Cristinda Pontes of the SI Press who was the designer of the handbook. Thanks to Mrs. Pontes the Smithsonian has the most attractive employee handbook seen around town. It undoubtedly will serve as a model for other agencies.

A new handbook for employees was distributed recently to all current SI employees.

A copy will be given to each new employee as part of his orientation when he joins the staff.

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Another change in the promotion program is the removal of the requirement that all the best qualified candidates have been revised. Most have changed benefits or rates or both and will be issued to all eligible employees prior to the open season date. The effective date for the new changes will be January 7, 1973.

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Four employees have successfully completed the beginning shorthand course in the Learning Lab and have also passed the Civil Service testing examination, taking dictation at 80 words per minute.

They are Patricia F. Dolin (NCFA), Lilliana M. Evangelista (NMNH), Brenda E. Howell (Personnel) and Clarita B. Jackson (Personnel).

Beginning shorthand courses have also been completed in the Lab by Margaret A. DiNenna (Wilson Center), Diane Haston (NMNH), and Joyce K. Jones (NGP).
The untitled painting attributed to Thomas Cole.

'Sculptor's Artistic Talents Restore Stonework on 'Castle'"

By Johnnie Douthis

Professor Renato Lucchetti, a renowned sculptor, is restoring the exterior stone-work of the original Smithsonian Institution Building. He has completed the restoration of the north entrance of the building and will proceed upward on areas of the east and west Great Hall and the South Tower at the upper level. The work will pay particular attention to the canopy over the statue niches in the South Tower.

The project requires the blending of the restoration materials into the existing stonework. In some cases entire sections must be refabricated since the original pieces are missing. Professor Lucchetti uses some of the original building stone, taken from a section of the building that was remodeled, and now stored at Suitland, Maryland. The stone is ground into dust and mixed with liquid adhesive and coloring to match the building. He then applies it to the deteriorated sections (see photo).

The artisan talents of Professor Lucchetti are evident in the Andrew Jackson Downing urn which he has already restored for the Smithsonian. The urn in its "new" state stands at the east entrance of the SI Building. He is also responsible for the restoration of the exterior of the Renwick Gallery and the lions atop the clock blocks of the Taft Bridge located on Connecticut Avenue.

The urn, sculpted in memory of Andrew Jackson Downing who was commissioned in 1851 to landscape the grounds of the Capitol, the White House, and the Smithsonian Institution, was extensively restored by Professor Lucchetti. The handles on the urn were re-carved and legibility was restored to the inscriptions on the pedestal. Professor Lucchetti's fame as an artist and professor of Sculpture and Design for the Neptali-Rincon School of Art in the Venezuelan city of Maracaibo is now known throughout South America.

Lucchetti moved to Maracaibo at the invitation of Mr. Rustico Mora, the Cultural Attache of Venezuela, to accept the post of professor in the local university. He was born in Venezuela but has lived and worked in Washington for many years. An artist of great talent and versatility, Professor Lucchetti has carried on his work in Venezuela, Maracaibo, and now in the United States. He is also active as a sculptor in his own country. His work has been exhibited in many countries and his name is known throughout South America.

"OFFICE SPACE

(Continued from page 1)

ology Building into recovered space in the A&I Building of the Office of Exhibits Administration's design and illustration components would serve some critical office space needs of MHT, and help meet serve space shortages for the Conservation Analytical Laboratory."

In total, 128 Smithsonian employees have moved into approximately 22,000 square feet of new quarters at L'Enfant Plaza. An anticipated gain next fall of the remaining space on the third floor should help meet additional needs.

"Smithsonian mail and messenger service and shuttle bus services have been extended to the new building. Mail should be addressed to: "L'Enfant Plaza (and room number)."

"Longer-term solutions to the Smithsonian's space needs are under active study throughout all organizations with assistance from the new Office of Space Resources." Mr. Kohn said. "The purpose of the new office is to help all levels of management understand and plan for the space resources needed of each of the Smithsonian's programs."

"SUBWAY

(Continued from page 1)

Timber lagging was installed between the piles for support of the sidewalks of the subway excavation. Work on the Mall itself will be open-cut. Where the work intersects a roadway, steel floor-beams will be installed across the width of the street to support timber decking that will carry traffic for the balance of the two-year contract. During decking operations, traffic will be shifted to different lanes to prevent bottle-necks and tie-ups. At no time is the work expected to interfere with drivers using the Twelfth St. tunnel.

Contractors for the station work are the Swindell-Dressler Co., of Pittsburgh, and Paul R. Jackson, Inc., of Washington, in a joint venture."

'Sculptor's Artistic Talents Restore Stonework on 'Castle'"

Using a special mixture with a base of original stone, Prof. Renato Lucchetti repairs the exterior of the SI Building.

'Hudson River Landscape Uncovered in Art Inventory'

A fine example of the Hudson River School of American landscape painting, previously unknown only privately, has been discovered by the Smithsonian's Bicentennial Inventory of American Paintings Before 1841.

The Inventory, a division of the National Collection of Fine Arts, is creating a comprehensive index to all American paintings. The untitled painting found in a southwestern state is, a landscape dated about 1830, and has been firmly attributed to Thomas Cole (1801-1848), accepted as the founder of the Hudson River School and therefore of the American landscape tradition.

The untitled painting is probably a scene in New York State. It has been in the possession of its owners, who are choosing to remain anonymous, since 1920.

"SAO DIRECTOR

(Continued from page 1)

ship began in 1955, when the Smithsonian moved its Astrophysical Observatory from Washington, D.C. to Massachusetts, where it would share facilities at the Harvard College Observatory in Cambridge. Dr. Whipple, then a member of the Harvard faculty, joined the Smithsonian observatory as its Director at that time.

"Dr. Whipple has established a superlative record of service as Director of the Astrophysical Observatory," Mr. Ripley noted. "And we are fortunate indeed to be able to call on someone of Dr. Field's stature to continue the fruitful period of collaborative research in astrophysics begun under Professor Whipple."

Dr. Whipple, 66, is internationally known for his investigations of the moon, meteor, and comets. Currently, he oversees some 60 scientists engaged in studies of stellar interiors, the upper atmosphere, meteorites, celestial mechanics, geodesy, and related fields. In addition, he is directing the development and construction of a large optical telescope of the multiple-mirror design for infrared and optical astronomy.

Dr. Field is a geophysicist whose work studies include the early history of the solar system. He joined the Harvard faculty this year after serving as chairman of the astronomy department at the University of California at Berkeley. His research is concerned with the dynamics of interstellar matter, including formation of stars and galaxies; cosmology, which includes studies of intergalactic matter, and the general question of instability in dilute gas.

Born in Providence, R.I., in 1929, Dr. Field holds a B.S. degree from the Massachusetts Institute of Technology and a Ph.D. from Princeton University. He was on the Princeton faculty from 1957 until 1965, when he moved to Berkeley. He is a member of the physics and astronomy survey committee of the National Academy of Sciences and chair man of its panel on astrophysics and relativity. He is also a trustee-at-large of the Association of Universities, Inc.

Dr. Field has served on the joint astronomy panel of the National Academy of Sciences and the National Research Council, the space sciences panel of the President's Science Advisory Committee, the astronomy panel of the National Science Foundation, the astronomy missions board of the National Aeronautics and Space Administration, and the visitors committee of the National Radio Astronomy Observatory.

The untitled painting attributed to Thomas Cole.