PARTIAL REPORT OF

CWA PROJECTS

at the University of Missouri

for the period

December 1, 1933 to February 15, 1934

LIBRARY OF THE
UNIVERSITY OF MISSOURI

UNIVERSITY OF MISSOURI

COLUMBIA

February 12, 1934

FOREWORD

There is presented here, in words and in pictures, a partial report of some of the work being accomplished at the University of Missouri in Columbia through the C. W. A. program.

No attempt has been made in this report to record all the work that is being done. Instead the attempt has been made to give a word and camera picture of some of the work as it is progressing. Much that has been done is not here recorded. Some of the results of the work can not easily be photographed, but such results are just as effective as that work caught by the camera.

The work shown by this report is for the period ending February 15, 1934. The pictures were taken at different times during that period. Practically all of the projects herein recorded have been completed; others will be completed by February 15th. A few will not be entirely completed because of bad weather and the reduction in the time the men were allowed to work. All the projects, however, will result in effective and usable repairs and alterations to the physical plant of the University.

None of the work that is being done under this C. W. A. allotment has been substituted for the work outlined under the present University budget. This C. W. A. work is entirely in addition thereto. Because of reduced income it has been necessary, for many months, to reduce the University budget drastically, thus eliminating many much needed repairs and maintenance work.

Much yet remains to be accomplished in the rehabilitation of the physical plant of the University. Practically all of the eighty or more structures of the University need repair and improvement in a great or small degree, the equipment of the institution needs rehabilitation, and the grounds and farms need more grading and general improvement. Many times the amount that is now being expended on the C. W. A. University of Missouri, Project can still be expended on the University plant with resulting economy in the operation of the State's chief educational institution.

Further allotments of C. W. A. funds to the University will not only continue the great social work of providing work for the unemployed but will make more effective, and with much greater economy, the operation of the State University.

February 12, 1934

IMPROVEMENTS IN GENERAL AT THE UNIVERSITY

C. W. A. projects have been of incalculable benefit to the State's five million dollar educational institution, which faced more than considerable impairment of its physical equipment before relief came.

The whole educational plant was deteriorating in its material equipment, with buildings sadly in need of repair, unsightly spots marring the beauty of the campus and proving a great inconvenience, and many items so antiquated and clumsy that they might be considered to be of another era. Intelligent planning has enabled officials working through the C. W. A. to improve and reconstruct such equipment and to place it in condition again for efficient use.

Improvements resulting from C. W. A. work almost are beyond belief. Grounds and buildings have taken on a more pleasing, neat and attractive appearance, which is one of the more noticeable changes observed by a visitor or casual investigator. This aspect really is superficial when one considers the actual improvement in utility, strength and more material conditions of the plant.

Buildings were painted both outside and inside. This will help protect the surfaces from the weather and other abuses. Old structural members were replaced or strengthened. Roofs were repaired to prevent costly and annoying leaks. Some buildings were renovated or partially reconstructed to permit their more efficient use, after they had remained idle or previously were used only for storage. Improvements were made in physical equipment of practically every department. Barns were repaired, roads graded, erosion control dams laid, ponds improved and sheds reconstructed for valuable farm animals. All power lines, which had all but fallen down, were repaired, a concrete duct for a steam line laid to the farm buildings to save cost of operation, and many other units made more modern.

Grounds were leveled, graded in some cases, cleaned and generally enhanced in beauty. Dead wood and brush were removed, stream beds were cleaned and packed with stone, fences were improved, shrubs and bushes were planted, lawns were raked and cleared of debris. Basements were cleaned, floors and walks repaired, and some structures were reinforced. Improvements were made in the physical plant of the Athletic Department. Work was done to drain and level old tennis and handball courts, to increase the usefulness of equipment so that more students might enjoy recreation.

The University was in a discouraging state of neglect because of insufficient funds to pay for needed improvements. Where one item was repaired it seemed that two or three others shone forth with even greater defects. It was like the three-headed snake of Grecian mythology--when one head was severed, two others sprung up in its place. Painters, carpenters, stone masons, and skilled laborers did useful and readily noticeable work to improve the condition of this five million dollar plant. Laborers did their share to enhance its utility. They all put in deft touches

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here and there to save the property from further deterioration.

This C. W. A. project was and is successful. It resulted in a great service to the University and to those who worked on it. It is not in vain.

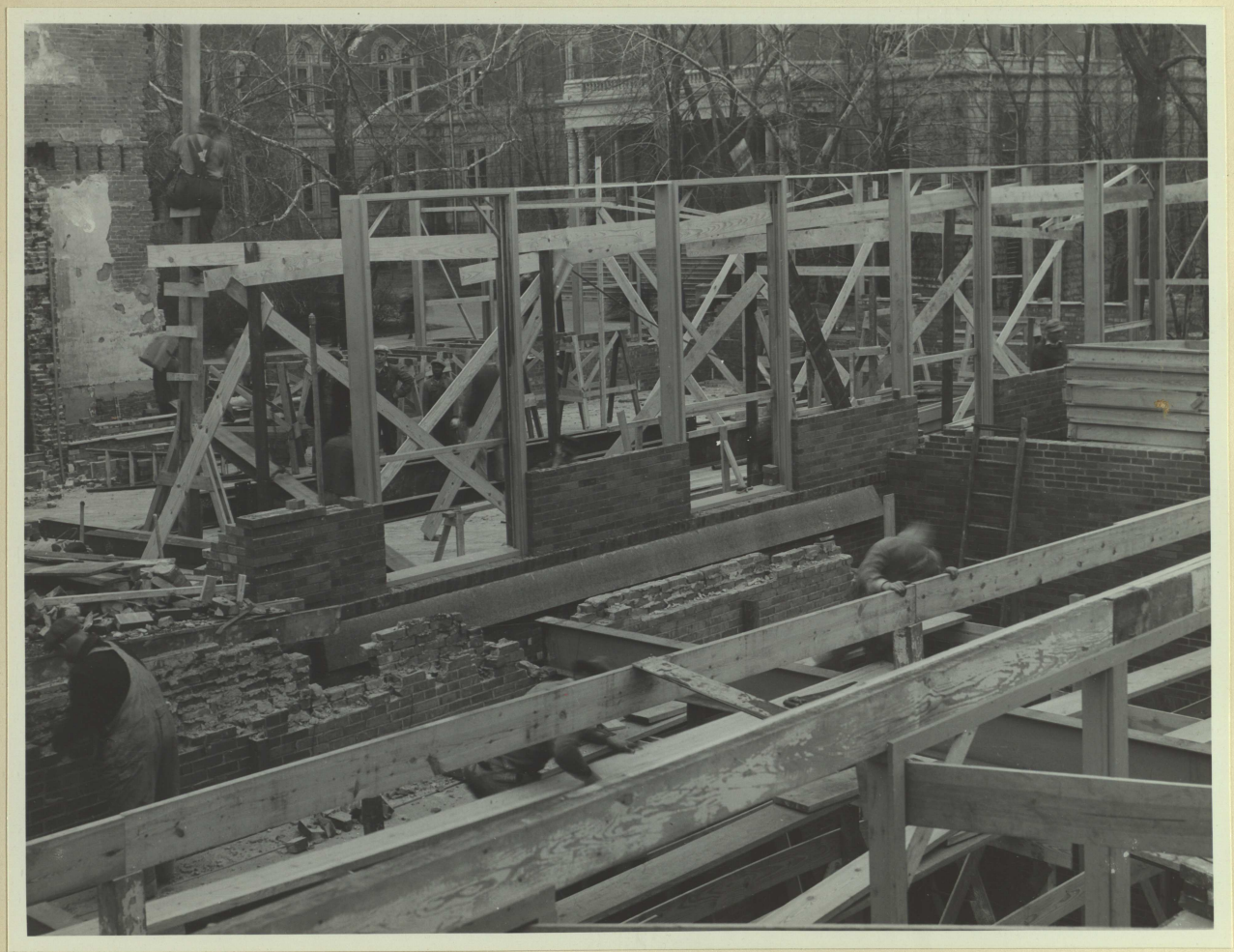
BUILDING RECONSTRUCTED

U. of Mo.
CWA
'33-34

The southwest wing of the Mechanic Arts Building is being reconstructed for the first time since the fire of 1911, which will be a marked step in unifying the engineering department. The northwest wall of the structure is under construction. The larger wall is seen in the background. It will rise about six feet higher before it is completed. The roof is expected to be completed about the middle of February or a little later.

OLD STRUCTURE RENOVATED

U. of Mo.
CWA
33-34



Machine and woodworking shops and classrooms again will occupy the renovated portion of the Mechanic Arts Building. Alteration will make usable that portion which burned several years ago. The basement will be occupied by the machine and woodworking shops while the first and second floors will contain classrooms. This work will restore the structure to its original use. Equipment which formerly occupied the building, but which was moved during the fire, will be restored to its former home. The picture shows scaffolding and workmen engaged in the renovation.

ROOF PLACED ON OPEN STRUCTURE

U. of Mo
CWA
'33-34

Roofing and Flooring for a formerly open and disused structure will provide the new home for the engineering shops which now will be in the Mechanic Arts Building. This centralizes this work, making it possible for closer supervision in this department. This improvement also will add to the appearance of the Mechanic Arts Building and its appenditures. The picture shows the superstructure with a crew engaged in renovation.

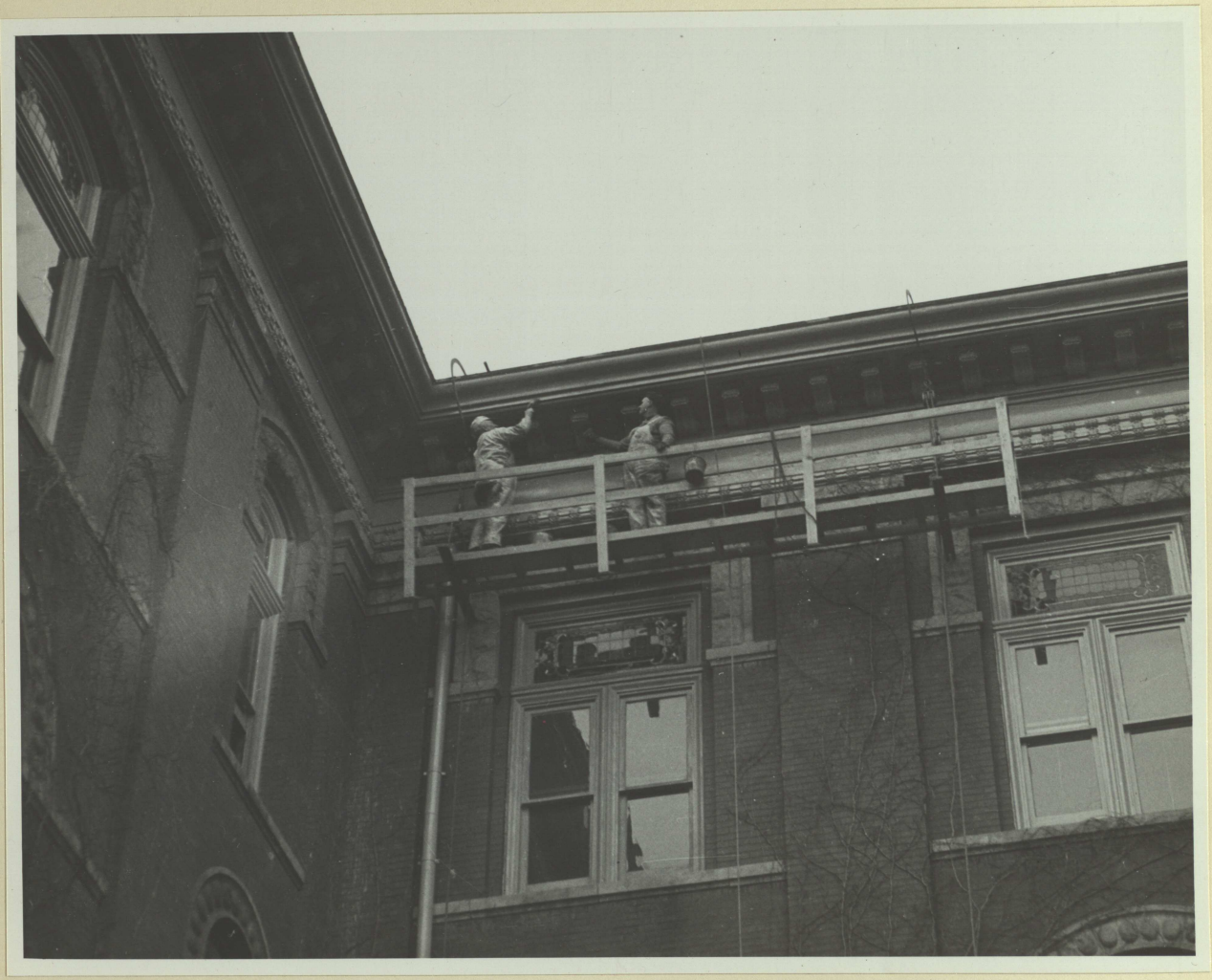
U. of Mo.
CWA
133-JH

Hazard to Children Removed

Workmen forestalled what easily might have been a menace to children, when they substituted concrete steps for wooden steps on the west of Benton Hall, and reinforced the concrete work supporting the high double-entrance. Much of the brickwork had disintegrated and threatened children because of the possibility that some of the bricks would have become loose and fallen on the youngsters. As the steps were high and the treadway made of wood, there was danger that the youngsters might have tripped on projecting nails and have fallen down the twelve or fifteen steps.

U. of Mo.
CWA
'33-34

THE OLD COLOR CHANGETH, GIVING PLACE TO NEW



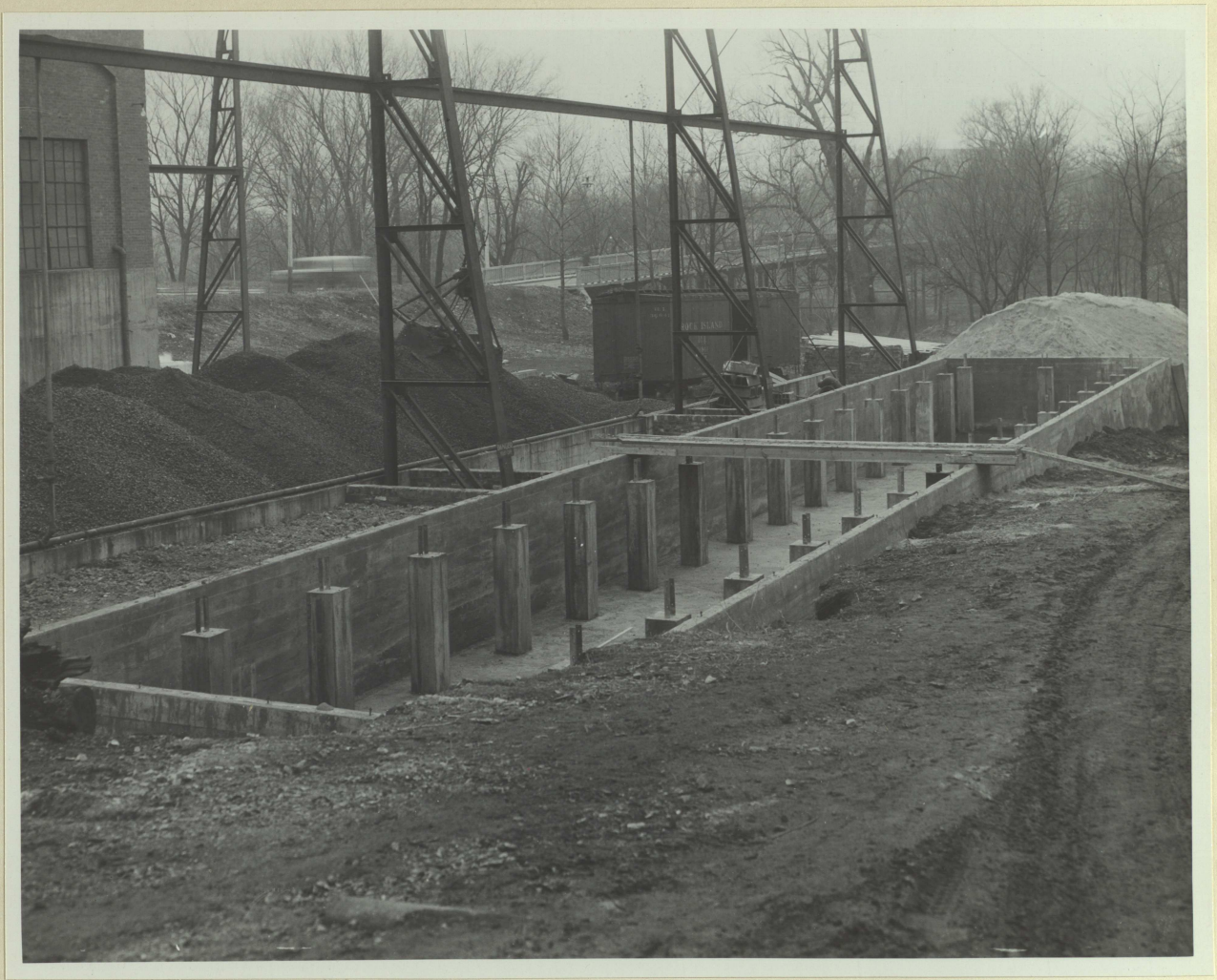
The scarred and unsightly surfaces of many University buildings now are receiving a more useful "place in the sun" -- a greater utility. The old adage explains it, "A stitch in time saves nine;" or if you prefer, "Save the surface and you save all."

New coatings of paint are being added to faded, wrinkled and sun-scorched surfaces on which the old paint was curling up and peeling off. Weather and the sun were relentless, and exposed the surface to the view and to assaults of the elements. When the surface breaks, the way is paved for further damage.

It has been eight years since last these buildings were painted, and their plight was such as to call for pitying glances from visitors who had seen them in their days of glory. The picture shows workmen painting the cornices of part of Jesse Hall. Other buildings on the campus are receiving similar useful improvements, both inside and outside.

COOLING TOWER UNDER WAY

U. of Mo.
CWA
'33-34



Greater efficiency and less cost is expected of the 600 kw. turbine generator to be served by the cooling tower being added as improvement to the University power plant. The picture shows the basin and foundation for the cypress superstructure which will rise above the basin. The tower will cool the circulating water from the condenser of the 600 kw. unit. Water will spray through the nozzles at the top of the tower, releasing the heat absorbed in condensing the exhaust steam from the turbine.

U. of Mo.
CWA
'33-34

An electric line to the University farm campus is being installed to replace an old line which was unsafe. The picture shows part of the overhead line to the left in the distance. Part of the steam trench, described on the following page, also is shown.

U of Mo.
CWA
'33-34

STEAM TRENCH CUTS COST

Cost of providing heat to the University farm buildings will greatly decrease and much smoke abatement will be realized as a result of constructing a concrete trench to house steam pipes running from the central heating plant to the farm buildings. When steam pipes are installed, the farm heating plant will be closed. This plant is expensive to operate and is a neighborhood nuisance because of smoke and ashes which come from it. The picture shows workmen constructing the trench.

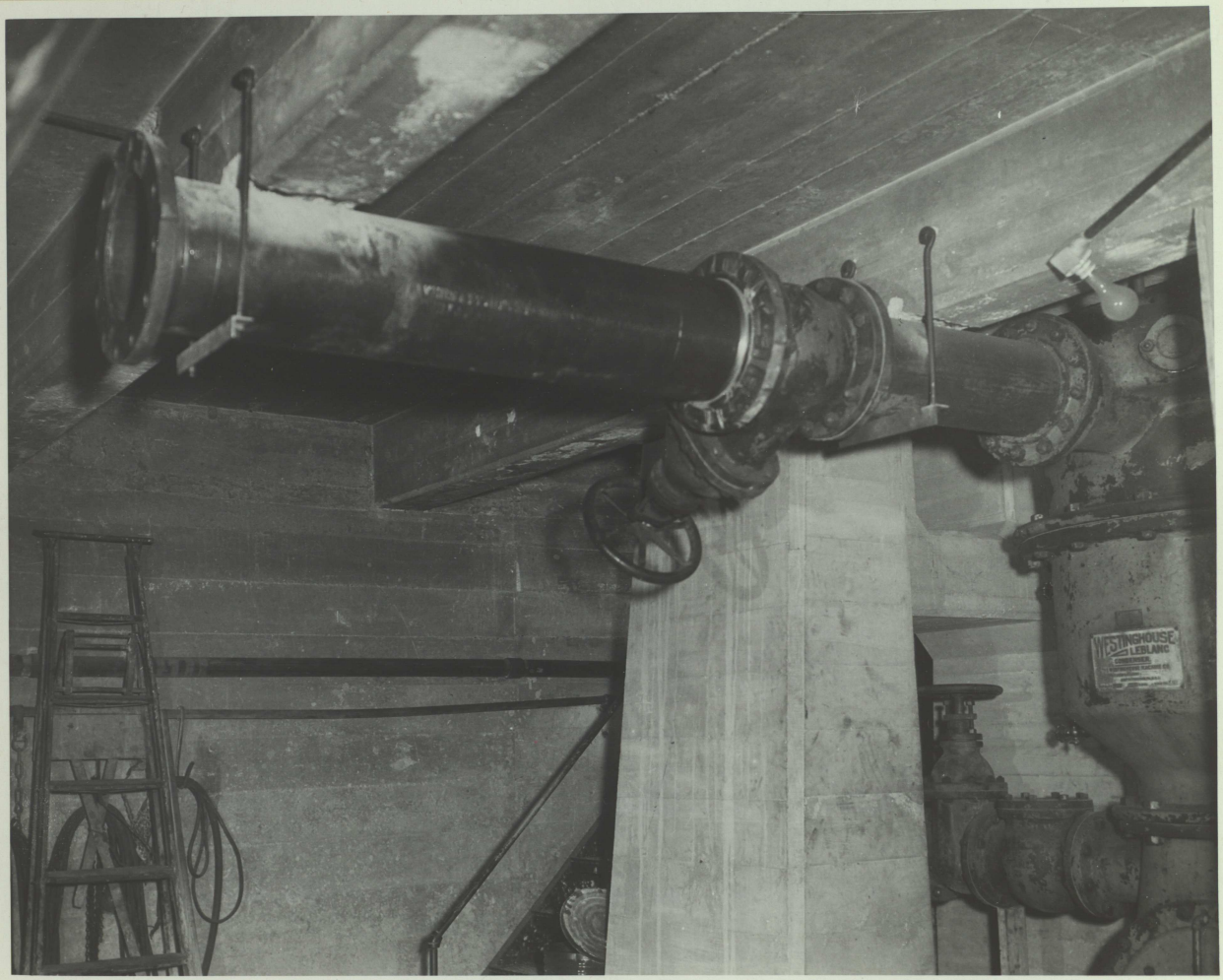
Entrance is Made Safe

U. of Mo.
C.W.A.
'33-34

Another hazard to children was removed, and the appearance of the building greatly improved when workmen replaced wooden steps on the east entrance to Benton Hall and reinforced loose bricks and mortar work. The wooden treadway was unsightly and uneven to feet of the youngsters, and constantly threatened safe passage, as the children might easily have tripped and fallen. The picture shows cracks and crevices in the brick foundation. This was reinforced and lessened danger of falling bricks.

U. of Mo.
CWA
'33-34

PIPING FOR 600 KW. TURBINE-GENERATOR UNIT



This picture shows the start of the circulating water piping for the condenser of the 600 kw. turbine-generator unit at the University power plant. Placing of this much needed electrical generating capacity in service will improve the economy and reliability of the University's electrical service.

U. of Mo.
CWA
'33-34

Porch Reinforced

A solid foundation was placed underneath the northwest porch of Waters Auditorium, and the outside balustrade was reinforced. The structure previously suffered much deterioration from cracking as the stonework settled. Had this not been repaired, the porch would in time have become unsightly as the stone and mortar broke loose from fastenings.

BASEMENT EXCAVATED

U. of Mo.
CWA
'33-34

This basement in Swallow Hall formerly allowed only five feet of head room for the janitor, but is being excavated to give plenty of room for one moving about in it. The former restrictions placed difficulties in the way of one who worked there. The floor was dirt and unclean. It is hoped that this can be improved by addition of a concrete floor.

Steps Improved

U. of Mo.
CWA
'33-34

The entrance to the Business and Public Administration Building is among the most crowded and congested of any on the campus, so that the uneven and deeply worn surfaces of the old stone steps constantly proved hazardous to rapid movement of students to and from classrooms. The steps were high, so that should a student fall in bad weather, he faced the possibility of a painful (if not serious) injury.

Grooves in the stone were so deep and uneven that they resembled closely paralleling sheep paths. C.W.A. workmen reversed the surfaces and filled cracks with cement. When the stones were turned over, the crevices then appeared at the bottom and front of the steps. Workmen then filled these openings with cement. This may be observed in the picture.

Leaks Are Stopped

U. of Mo.
CWA
'33-34

The same situation existed on the cast flat deck of Rothwell Gymnasium as did on the west side, with a constant stream of water leaking through to the floor below every time it rained. The new roof will eliminate this exasperating condition.

U. of Mo.
CWA
'33-34

STONE STEPS DANGEROUS

South steps of Jesse Hall were treacherous because of ridges worn on the edges by countless passage of students' feet. This condition was particularly dangerous in wet or freezing weather, when the edges were unbelievably slippery. Stone surfaces in many cases were worn down as much as two inches. These grooves were uneven and caused students to stumble frequently. C.W.A. men turned these stones over, exposing under and smoother side to use. Picture shows steps after work was completed.

U. of Mo.
CWA
'33-34

ARTILLERY QUARTERS IMPROVED

A fire hazard was removed and storerooms for equipment of the field artillery greatly improved when space under the bleachers at Rollins Field was reconstructed and decayed wooded members replaced by brick and concrete.

The space is on the south side of the bleachers and now is a fireproof and permanent structure. Much of the former material was twisted and rotten, about three-fourths being rough lumber. The storeroom is occupied by U.S. army equipment used in University R.O.T.C. work. The appearance of the storeroom also is much improved.

FLOORING FOR STOREROOM

U. of Mo.
CWA
'33-34

A concrete floor will replace the old soggy and evil-smelling surface of the field artillery storeroom under Rollins Field. The hard-surface floor will enable heavy army equipment to be moved with greater ease than formerly and will help protect it against rust and dirt.

U. of Mo
CWA
'33-34

Fire Hazard Reduced

The south entrance to the Old Chemistry Building was a fire hazard because the doors opened inward from the steps. The building had an inadequate landing, making it difficult to change the doors. The structure is old and decidedly not fireproof.

It was a constant threat to life in case of fire. Death by such causes is an old story, particularly when the crowd becomes hysterical. In addition, the steps were badly worn and grooved. This was another hazard and should a mass of people have rushed out of the building, they would have stumbled and crushed those who fell in the rush. The steps were moved forward two feet from the doorway and a safety platform added so as to permit doors to be opened outward.

BASEMENT RENOVATED

U. of Mo.
CWA
'33-34

The room formerly used in the west basement of Jesse Hall as a storeroom is being renovated and generally improved, so as to provide much needed space on the Red Campus for academic activities. Materials from the former storeroom have been moved to the New Service Building, which formerly was used as the Engineering Shops.

Improvements on the basement room include laths for the walls and a subsequent plastering of the surface. This work will give more room for needs of the administration. The picture shows the room after part of the work was completed.

Surfaces Reversed

U. of Mo
CWA
'33-34

East steps of Switzler Hall were in the same dangerous condition as those at Jesse Hall, but possibly this was more aggravated in the former case. Picture shows creases and cracks on under side of stone steps after they were turned over. These unsightly and rough edges were on top before the surfaces were reversed, and hindered movements up and down the steps.

U. of Mo.
CWA
'33-34

ROOF PUT ON LABORATORY

A roof has been placed on the heat treating laboratory and storage room of the Mechanical Engineering shops. This photograph shows the completed job, the earlier stages of which were shown in another photograph. This improvement is part of reconstruction of engineering shops. This renovation will allow the shops to be moved into the building next to the Engineering Building, and is part of the plan to unify activities of the College of Engineering.

U. of Mo.
CWA
'33-'34

Costly Leak Repaired

Much annoyance, cost and trouble was eliminated when a new roof was placed on the west flat deck of Rothwell Gymnasium. The old covering leaked and allowed water to drip to the floor below. This work was needed for many years before finally completed.

U. of Mo.
CWA
'33-34

Equipment Protected

Possibility of unnecessary damage to costly equipment caused by a leaky roof was removed when the southwest flat deck on Waters Hall was replaced by a new one. This leaky condition long had caused much annoyance and expense by seeping through to fall below on prized agricultural materials.

U. of Mo
CWA
'33-3H

GRADING STARTED

Grading of the grounds east of the Veterinary Building will add greatly to the beauty of the site and will conform more nearly to the neat appearance of the building. This rough, uneven plot long has been an unpleasing spot in the vicinity.

IMPROVEMENTS TO CAMPUS

The general appearance of the University campuses was greatly improved by the extensive work conducted by C. W. A. crews. Almost every unit on the campus was redecorated, renovated, strengthened and made safe, or improved in one way or another.

Such improvements will result in saving from further deterioration many valuable parts of the University system, and will add greatly to their utility. This work includes painting, landscaping, ditching, draining, improving of roads, rearranging of equipment, and other valuable changes.

The grounds surrounding the Veterinary Building have been graded, leveled, and replanted with shrubs and trees. The roads on the east and west of the building have been graded and graveled.

A road leading to the dairy barn was surfaced with cinders, and a large storm sewer installed. The low areas around the barn have all been filled.

The entire farm campus has been raked and twelve large trees have been removed and cut into wood. The accumulated trash has been burned and the stumps removed.

The three approaches to the farm quadrangle were repaired and the ditches have been leveled off. One and one-half miles of water mains were installed on the farm quadrangle. The farm pond was drained and cleaned and the banks graded to prevent undercutting of the street.

In addition to this work, all the osage orange hedge was cleaned and pruned, the grape arbor posts reset, and a reconstructed pergola covered with vines.

The entire area of the cast campus has been raked and dead trees and brush removed. The roads on this campus have been graded and resurfaced with gravel. Low areas have been filled and covered with leaf mold.

The buildings of the Grounds Department on the east campus have been generally improved and repaired. Cement floors have been constructed for the machine sheds; window sills have been repaired; and needed coats of paint have been applied to many of the buildings.

The six acres comprising the Library block have been raked, several trees removed and the shrubbery pruned.

A rock drive approach to the Nurses' Home on Ninth Street was laid and the rear of the lot was graded and filled. The entire area was also raked and cleaned.

On the west campus, the storm sewer from Sixth to Ninth Street was opened. The banks were paved with the broken curbing which was removed in the widening on Conley Avenue.

The drive approach to the Business and Public Administration building was regraded and the parking area to the rear of the building has been rock-curbed.

It is estimated that three-fourths of the west campus has been raked and cleaned. Ten large trees were cut down and sawed for fire-wood. Areas about the hospital were cleaned and graded.

It is estimated that ten weeks more of work for forty to sixty men remains to be done on the west campus if the thirty-five acres comprising this campus are to be put in an up-to-date condition.

U. of Mo.
CWA.
'33-34

Grounds to the south of the Veterinary Building were leveled and graded, greatly adding to the pleasing appearance of the approach to the building. This work long had been greatly needed to eliminate the incongruity of the grounds with the attractive appearance of the building.

U. of Mo.
CWA
'33-3H

FARM POND BEAUTIFIED

Workmen are shown in the photograph clearing up the unsightly old farm campus pond, which last was cleaned in 1911. The source of unsightliness in this connection formerly was caused by waste from the old heat-generating unit maintained on this campus. The farm plant will be discontinued shortly, when heat will be transported from the central heating unit. This should make the pond one of the beauty spots on the farm campus.

U. of Mo.
C.W.A.
'33-34

STREAM BED IMPROVED

A more attractive and less turbulent stream will flow through the channel on the West Campus during rains, after workmen complete wrapping the bed with broken stone. Formerly, the stream was muddy, dirty and often the seat of insanitary mudholes which remained after surplus water should have flowed away following rains.

This project will enhance the beauty of one of the most attractive spots on the campus and will make less likely the possibility of stagnant water collecting in sink-holes long after a rain has subsided. The photograph shows a crew of workmen putting the finishing touches to the improvement.

Concrete Walk Replaces Mudhole

U. of Mo.
CWA
'33-3H

A concrete sidewalk replaces the mudhole which formerly led from the street to the front entrance of the Veterinary Building. The former thoroughfare from Bouchelle to the entrance was both unsightly and a mire which was difficult and uncomfortable to transverse in bad weather. It also was an unsightly and incongrous appendage to what otherwise is an impressive building.

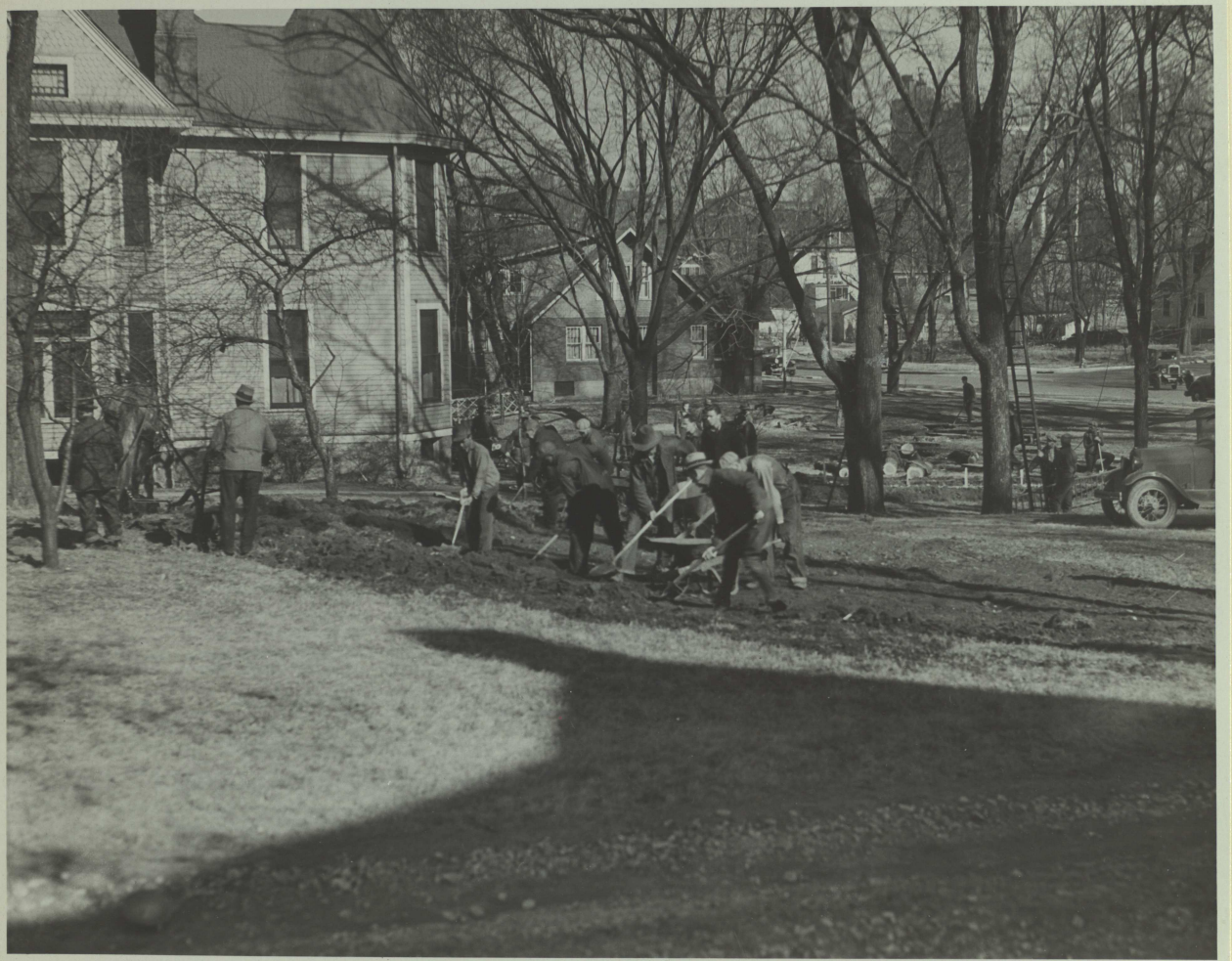
U. of Mo.
C.W.A.
'33-34

WALK IS IMPROVED

The walk leading to the student nurses' home on Sixth Street was badly in need of repair, so this work was made part of the C.W.A. project. The walk was particularly disagreeable in wet weather or when ice or snow was on the ground. A crew is shown working on this improvement, which will make the grounds much more attractive. Brush and old trees also were cleared from the property.

U. of Mo.
CWA.
'33-34

YARD GRADED AT NURSES' HOME



The yard and grounds at the Nurses' home have been cleaned and graded, adding much to both the appearance and convenience of the property. The yard was uneven and badly needed leveling, so that activities of C.W.A. crews will be noticeably beneficial and worthwhile. The photograph shows workers cleaning off the lawn. The house is occupied by student nurses at the University and is located on Sixth Street.

WORK ON AGRICULTURAL PROJECTS

C. W. A. projects for the College of Agriculture of the University have greatly improved the utility and appearance of various farms, buildings and equipment. Primarily, this work consisted of improving farm lands, reconstructing several small farm buildings, repairing and painting present buildings, and relocating roadways and improving old ones.

Such improvements will materially aid in instructing students, and in investigating and solving agricultural problems. The College of Agriculture also needs much more work to bring the departments up to the high standard which they have attempted to set.

Projects so far started, and progress attained, include:

1. Pasture lands on the University Farm, the serum farm, the Beazley farm and the Gauss farm are being cleared of brush, weeks, old timber and stumps. This work greatly improves the usefulness of the pastures and the appearance of the farms.
2. Erosion control on the Gauss, Horticulture, and serum plant farms. The brush removed in clearing pastures and timberlands is used to construct soil-saving dams. The steeper slopes are being terraced to prevent erosion. Reconstruction of ponds also will aid in this work.
3. The relocating of roads and the repairing and graveling of old roads. All major roadways on the various farms are being given a narrow, light coat of gravel to provide all-weather roads. A road connecting the Beazley and Gauss farm buildings has been improved. The fence rows along the county road from Highway 63 to the Gauss farm buildings have been cleared.
4. All fences on all of the farms are being repaired. The fence rows are cleared, new posts set where needed, and wire restretched.
5. All buildings on all farms are being repaired and painted where needed. This involves a number of skilled laborers and is excellent insurance against decay and deterioration.
6. Improvement in ponds. Four large ponds come under this classification. Three are on the Gauss farm. They will be used by the Animal Husbandry and Dairy Husbandry departments to store water and meet needs of livestock. The fourth pond is on the Horticulture fruit farm and will be used to irrigate orchards and gardens and to control erosion.
7. Grading of lots and roads on the farm campus.
8. Repair of bridges and culverts on farm property.
9. Improvement of smaller farm buildings. A bull shed is being reconstructed near the dairy barn on the farm campus. A cattle shed also is being reconstructed on the Gauss farm. An extension is being made to the Agricultural Engineering laboratories building. This will house farm machinery. The farm shops in this building also are being rearranged for greater usefulness.

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Work mentioned in the foregoing paragraphs does not cover nearly all of the needs of the College of Agriculture. More roadways are needed. Fence work should extend to inside tracts, the work so far being confined to line and roadway fences. Inside fences should be repaired. Some new fences are needed. Special fences around lots and buildings should be constructed.

Many tracts still should be cleared of underbrush and rocks. Fields also should have some rocks removed. Pastures need water lines, a windmill, and stock drinking tanks in order to realize the most from the grazing land. Terracing and gulley erosion control on the 1200 acres should be extended, as it can hardly be said to have started.

Reforestation should be started on some parts of the farms unsuited to agricultural production. This should consist of plantings of catalpa, locust, and forest trees. Several sheds and smaller shelters for animals should be reconstructed. Concrete floors are needed in many existing buildings.

U. of Mo.
CWA
'33-34

DAIRY BARN IMPROVED

The photograph shows part of the improvements being made at the Dairy Barn on the farm campus. Workmen are shown at work on the bull shed, which will house some of the costly thoroughbred animals owned by the college. This shed will enable more ideal separation of various animals on the farm.

U. of Mo.
CWA.
'33-34

UNSAFE BRIDGE REBUILT

An unshaky and possibly unsafe bridge on Turner Station fruit farm is being reconditioned as one of the C.W.A. projects. This structure long was a source of inconvenience and, because of its unsteady condition, called for the greatest exercise of care in crossing it. The photograph shows part of construction now going on.

U. of Mo.
CWA
33-34

TILING IS LAID

Destruction of the roadway and culvert by flood waters in the Animal Husbandry pastures will be at an end when the drainage tiling alongside the roadway is completed. Heavy collection of water during the rainy spells caused much damage by erosion and washing. Workmen are shown laying the tiling.

U. of Mo.
C.W.A.
33-34

TO CONTROL EROSION

Excess water during rains proved to be a source of much annoyance and some damage to soil by erosion, but this will be ended by a pond now being constructed on Turner Station farm. This project will eliminate costly loss of soil by erosion and the needless appearance of small clefts in the soil following a heavy rain. The photograph shows part of the work being done by C.W.A. men.

U. of Mo.
CWA
'33-34

WATER SUPPLY PROVIDED

Caretakers will be saved much trouble and stock will be relieved of some suffering as a result of renovation of the dairy department's pond on the College Farm. The department long has needed a greater water supply and one more accessible to animals. This improvement will provide this when completed.

U. of Mo.
CWA
'33-34

FARM LOT GRADED

The photograph shows part of the C.W.A. work being conducted on the farm campus. The lot is being graded and a rock foundation laid for an improved road leading to the buildings. Prior to the improvement, the lot was unsightly, uneven and did not have proper drainage. The illustration shows the benefits which will be derived when this project is concluded.

U. of Mo.
CWA
'33-34

STEPS TAKEN TO HALT EROSION

Steps are being taken on the Horticulture fruit farm to halt costly erosion of soil, which heretofore proved to be considerably vexful. Brush dams are being put in the worst gulches, which it is hoped will impede the force of water. This work may be seen in the foreground of the picture. Terracing is done on the ridges. This may be seen in the distance on the hillside.

U. of Mo.
CWA
'33-34

UNDESIRABLE TIMBER REMOVED

This photograph shows a crew of men removing undesirable timber on the college farm. A need existed for a long time to clean up logs, cut down trees which were in the way, and otherwise to improve the land. With completion of this work, the property will be more valuable and much more attractive.

U. of Mo.
CWA
'33 3H

WOODED AREAS ARE CLEANED

The picture shows a plot of land covered with light trees and underbrush, prior to opening of work to clear the land. Such brush has no value and is an eye-sore, and discourages proper grazing by stock.

U. of Mo.
CWA
'33-34

FAVORABLE DIFFERENCE NOTED

A decided difference is noted after a spot of the land is cleared. The photograph vigorously illustrates this, this picture showing how a bit of land looks after it is cleared. This is the same land as shown in the preceding picture, nothing having been done to the land in that picture. The improved appearance is evident, even though only part of the brush had been removed, and the second picture was taken from a different angle.

U. of Mo.
CWA
'33-34

POULTRY BUILDINGS REPAIRED

Life of the poultry buildings shown in the photograph will be lengthened considerably by improvements being made under the CWA project. The buildings are being renovated and repainted. This not only will preserve the surfaces of the houses, but will add to the comfort of the chickens, many of which are rare and valuable birds.

U. of Mo.
CWA
33-34

POULTRY UNITS TO BE REPAIRED

The poultry buildings no longer will have a shoddy appearance after C.W.A. crews complete painting and repairing of the houses in which University chickens reside. This work will create a more wholesome and cleanly atmosphere for the birds and will generally improve the appearance of the houses.

U. of Mo.
CWA
'33-3H

CLEAN APPEARANCE OBTAINED

The photograph shows the clean appearance of a hillside on University farm after the brush and undergrowth were cleared away. This adds to the beauty of the spot and also is a pronounced improvement of the land as a grazing plot. Prior to this work, the plot was heavily overgrown with underbrush and was ugly with litter of various sorts.

U. of Mo.
CWA
'33-3H

BRUSH CLEARED AWAY

Ugly patches of brush and other rubbish are being removed from the Horticulture fruit farm. This not only makes the appearance of the tract more attractive, but also lessens the fire hazard. Operations are not confined merely to brush, but extend to the heavier timber.

U. of Mo.
CWA
'33-34

MACHINERY SHED IMPROVED

The farm machinery shed is the scene of many important repairs and improvements, and will be one of the important links in the College of Agriculture program to keep equipment in the best possible condition. The structure badly needed renovation. Completion of this work will add much to the convenience and utility of the building. Valuable machinery is stored in this shed.

U. of Mo.
CWA
'33-34

ROAD RECHARTED

Recharting of a roadway and changing of an entrance on the University farm will add greatly to the uses of the thoroughfare. The photograph shows where the entrance will be through the cross-fence. Workmen also are repairing fences and replacing old posts.

U. of Mo.
CWA
'33-34

UNDERBRUSH CLEARED AWAY

Underbrush has been one of the sourses of annoyance on a county road through the college farm, but C.W.A. workmen rapidly are clearing the highway of this unsightly debris. The brush and various other obstructions not only were an eye-sore, but in some instances impeded convenient travel. The photograph shows a stretch of the road which is being cleared.

U. of Mo.
CWA
33-3H

CLOSE-UP VIEW OF POND

Herein is shown another and closer picture of the large pond being improved on the Gauss Farm for the Animal Husbandry Department, so that a more accessible supply will be available for the University farm. The work is rapidly being whipped into shape, and soon will supply a long need for such a source of water.

U. of Mo.
CWA
'33-3H

SHED TO HOUSE CATTLE

Among other improvements on the University farm will be a reconstructed cattle shed to protect some of the fine animals under supervision of the Animal Husbandry Department. Workmen are shown pouring concrete for the structure.

U. of Mo.
CWA
'33-34

POND WORK GROWS

This photograph shows the further renovation of the Dairy Department's pond on the college farm. Those engaged in the project are here shown throwing up dirt for the dam and excavating for the reservoir which will hold the water.

U. of Mo.
C.W.A.
'33-34

CATTLE SHED RECONSTRUCTED

University cattle will find their quarters much more comfortable as a result of reconstruction being done on the cattle shed on Gauss Farm. The structure will have old timbers replaced and will have many conveniences which will assist caretakers. This is a vital part of the program to give the best of care to University cattle.

U. of Mo.
C.W.A.
'33-34

GREENHOUSES REPAIRED

The decay and state of disrepair will disappear from the University greenhouses when improvements now under way are completed. Much of the framework was in a bad state and part of the structures was in danger of damage by wind blowing on weakened members. The work will strengthen the framework and make the buildings more attractive.

U. of Mo.
CWA
'33 3A

DAIRY BARN LOT GRADED

Workmen are grading and leveling the lot back of the Dairy Barn. This will eliminate poor drainage and will make the lot more comfortable both for man and beast. Prior to this work, the ground was uneven and rough, besides being anything but attractive.

U. of Mo.
CWA
'33-34

PASTURE LAND IMPROVED

The value of much of the pasture land on the University farms was enhanced by clearing away of brush and rubbish. This makes it heavier in production of grass and gives a more attractive appearance to the terrain. The picture clearly shows the beauty of the land after it was partially cleared.

U. of Mo.
CWA.
'33-34

BUILDINGS MADE SHIP-SHAPE

Herein is a photograph of the Serum Farm buildings from a distance. The buildings are pleasing in appearance and highly ship-shape because of a fresh coat of paint. Chances of decay are lessened to a great extent because of this application.

U. of Mo
CWA
'33-3H

FARM BUILDING PAINTED

A longer life and more attractive appearance are assured the University Serum Farm buildings as a result of a thorough painting of the structures. The covering will lessen cost of replacement and makes the units attractive and neat to the eye.

U. of Mo.
CWA
133-54

WATER SUPPLY INCREASED

Stock on the University's College farm tract will have a more accessible water supply as a result of improvement of a pond located there. The work is being done for the Dairy Department and will greatly lessen work for caretakers, besides assuring the animals of a healthful and ready water supply. Workmen are shown grading and deepening the bed of the pond.

U. of Mo.
CWA
'33-34

VETERINARY LAB REPAIRED

Considerable improvements are being made on the Veterinary Laboratory and barns. The buildings are being repaired and repainted, with many needed innovations and improvements added. This part of the College of Agriculture equipment is highly important. It houses costly equipment, and is the scene of many significant and beneficial experiments. The work also will improve the appearance of the structures.

U. of Mo.
CWA
'33-34

BARN SHED IS PAINTED

A new coat of paint is being put on the Beasley Farm Shed, as shown in the photograph. The old surface was scarred and not sufficient to protect the building from the weather. The paint job will lessen possibility of decay and leakage on equipment kept in the building. The shed will look much nicer, as observed in the picture.

RECREATIONAL IMPROVEMENTS

The University now is in a much better position to provide more diversified recreation for a greater number of students, as a result of well planned work performed by C. W. A. crews in the physical plant of the Department of Physical Education.

Health and pleasant recreation are two of the prime concerns of any modern and efficient educational institution, but both objectives require rigid supervision and modern equipment for the masses to realize the benefits. The University long sought to give students recreational facilities sufficient to be enjoyed by all.

Lack of funds to maintain even the present equipment helped to retard this realization, but C. W. A. work has done much to remove this discouraging deficiency. Recreational directors seek to provide amusement and play for all of the students during all seasons of the year, which makes the program difficult to follow.

Those in charge of this work carefully considered the needs, then planned how C.W.A. workmen best could achieve their aims. Tennis courts were drained so that they would not be miniature ponds and bogs following every rain. Other courts were raised to levels of those above them, so as to insure drainage. Surfaces were leveled and smoothed to provide better playing.

Roofs on the gymnasium were repaired. Fences and gates protecting the inner equipment of Rollins Field were improved. This will add much to the appearance of the field and will keep trespassers from molesting property or entering the grounds when they are not wanted there. A road from the Artillery Stables to Memorial Stadium will add much to convenience and ease of travel to the south end of the field. This will facilitate movement of equipment.

Devotees of handball also will find better playing conditions after work of grading courts, adding concrete floors and other improvements, is completed. Handball is popular and provides vigorous exercise for many students, but does not require much room for playing. Improvements made in this direction also will aid in providing recreation during more months of the year.

Recreation is a powerful influence on student life, and frequently is one of the best panaceas for despondency, excess nervous energy and the like. Recreation is a vital force, and must be provided for great numbers of students. It must have a wide range--must meet needs of the fat, thin, strong, weak, and other varieties of students. It also must be such as to please various tastes, and must tie in with weather conditions. The program of C.W.A. work carried out to improve student recreation is considered to be highly important and a matter of pride to those in charge of such activities.

U. of Mo.
CWA
'33-'34

GRADE IS CUT FOR COURTS

A gang of workmen cut a two-foot grade from the east to insure proper drainage of this set of tennis courts back of Rothwell Gymnasium. This drainage will enable students to play on all of the courts, instead of having to wait unnecessarily long for water to drain from some of them.

U. of Mo.
CWA
'33 - 3H

NET COURTS RAISED

This picture shows workmen preparing to raise this group of tennis courts to a level with those on the extreme right in the picture, which are several feet above these on which work is being conducted. This improvement is going on back of Rothwell Gymnasium.

Students will be able to use the courts more often than they now do when this improvement is completed, as the project will provide better drainage and will allow courts to dry out quicker than formerly. This, in turn, will give more students a chance to enjoy recreational facilities. New soil is hauled in to be used in this manner.

TENNIS COURTS DRAINED

U. of Mo.
CWA
'33-34

Tennis playing on University courts will be much more enjoyable to students and will be available over longer periods than heretofore, after work of leveling and providing for drainage of courts is completed back of Rothwell Gymnasium. The courts needed provisions for drainage, as they collected water and prevented use after every rain. This delayed or hindered proper operation of the recreational program provided students. The photograph shows the work being done on the upper east set of courts.

TENNIS COURTS GRADED

U. of Mo.
C.W.A.
'33-34

Much needed improvement of the athletic facilities of the University include grading of tennis courts south of Rothwell Gymnasium. There long has been a need to make these courts more even and level, so that activities might appeal to a larger number of students. The picture shows preliminary work on this project.

U. of Mo.
CWA
'33-34

GATE ADDED TO SPORTS FIELD

Workmen are shown in the picture constructing a gate to Rollins Athletic Field at the University. The structure will b e of stone and will be next to the Field House. This is a greatly needed improvement, for heretofore no provision was made to lock the field except by an antiquated, sagging gate, or by chain or other improvised and unsightly means.

C:1183/5 Overseas package

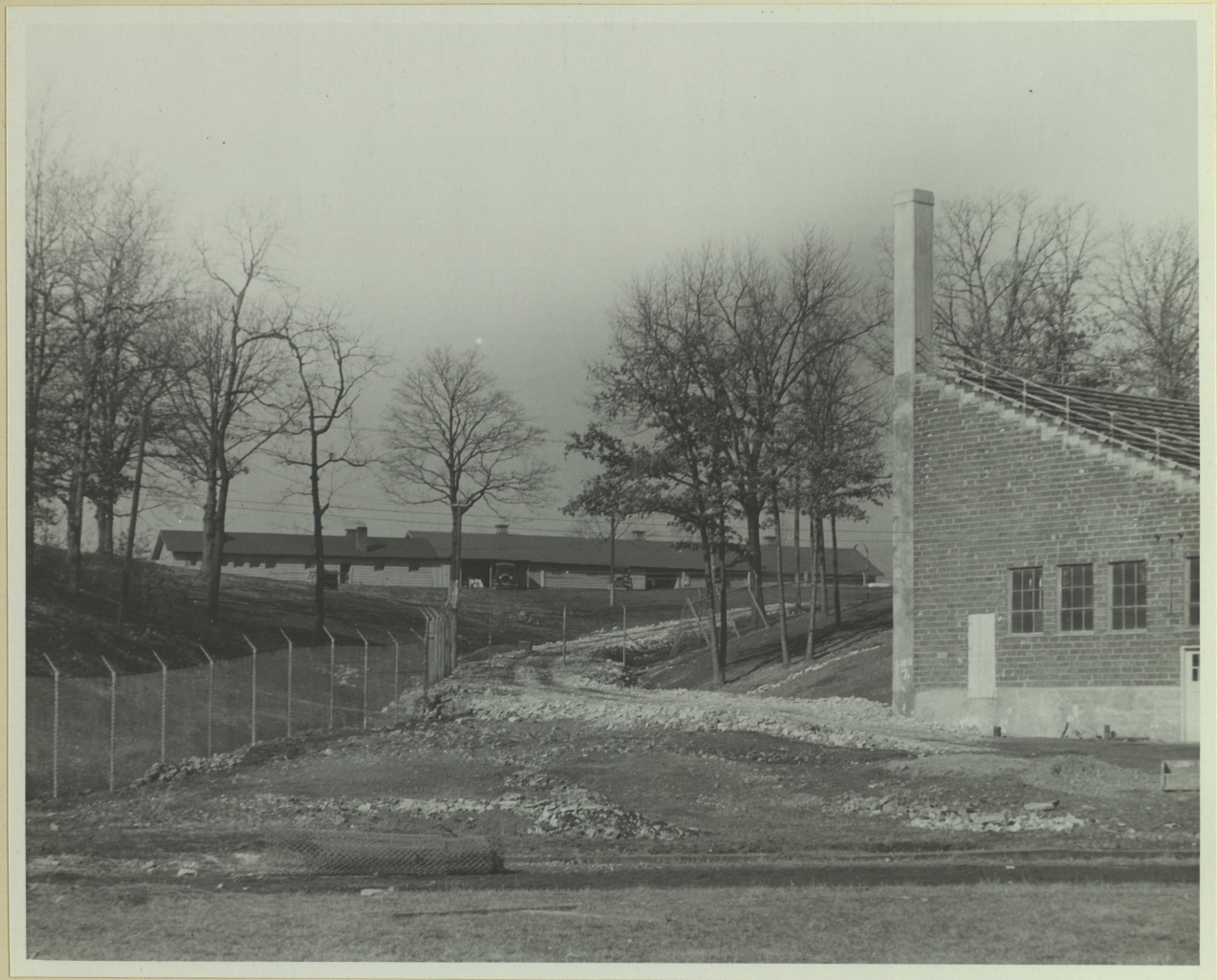
U. of Mo.
CWA
'33-34

FENCE IS ADDED

A steel fence will connect the Field House and Rollins Field, entered through a gate connected to attractive stone pillars. This will add much to the beauty of the Field House and entrance to the athletic field. The photograph shows a portion of the fence, with men at work in the background.

U. of Mo.
CWA
'33-34

CLOSE-UP OF ROAD



The improved road leading from the R.O.T.C. stables will add greatly to convenience of travel between the stables and the Memorial Stadium, and will make passage much easier. Photograph shows close-up of improvement.

ROAD IS IMPROVED

U. of Mo.
CWA
'33-34

The photograph shows construction work being done on the road leading from the R.O.T.C. stables to Memorial Stadium. This road formerly was uneven, frequently muddy and difficult to traverse much of the time. The improvement connects the south end of the stadium with the main road leading to the spectators' west entrance.

U of Mo.
CWA
'33-34

PARKING SPACE PROVIDED

A long felt need for more convenient parking space at football games will be partially realized by leveling of ground on the west side of Memorial Stadium. Parking space heretofore has been limited and wholly inadequate to needs. Much of the ground which might have been utilized was so rough, uneven and traversed by obstructions and ditches that it could not be used. The photograph shows a crew at work on the project as it nears completion, after having been cleaned, filled and partially leveled.

U. of Mo.
CWA
'33-34

IMPROVEMENTS EXTENDED

Work now is going forward on improvements in the limited handball court facilities of the University. The photograph shows crews leveling the ground for courts on the south of Rothwell Gymnasium. This will more easily take care of the constant demand of students for greater recreational development.

U. of Mo.
CWA
'33-34

WOMEN'S ATHLETIC FIELD FENCED

A steel fence was erected around the west edge of the women's athletic field on Hitt Street, adding greatly to the appearance of the grounds. This plot previously was enclosed by a scrubby and rather ragged hedge, which cut off the view from the street of the orchard to the east of the field. The steel fence also protects the land and equipment from trespassers or prowlers.

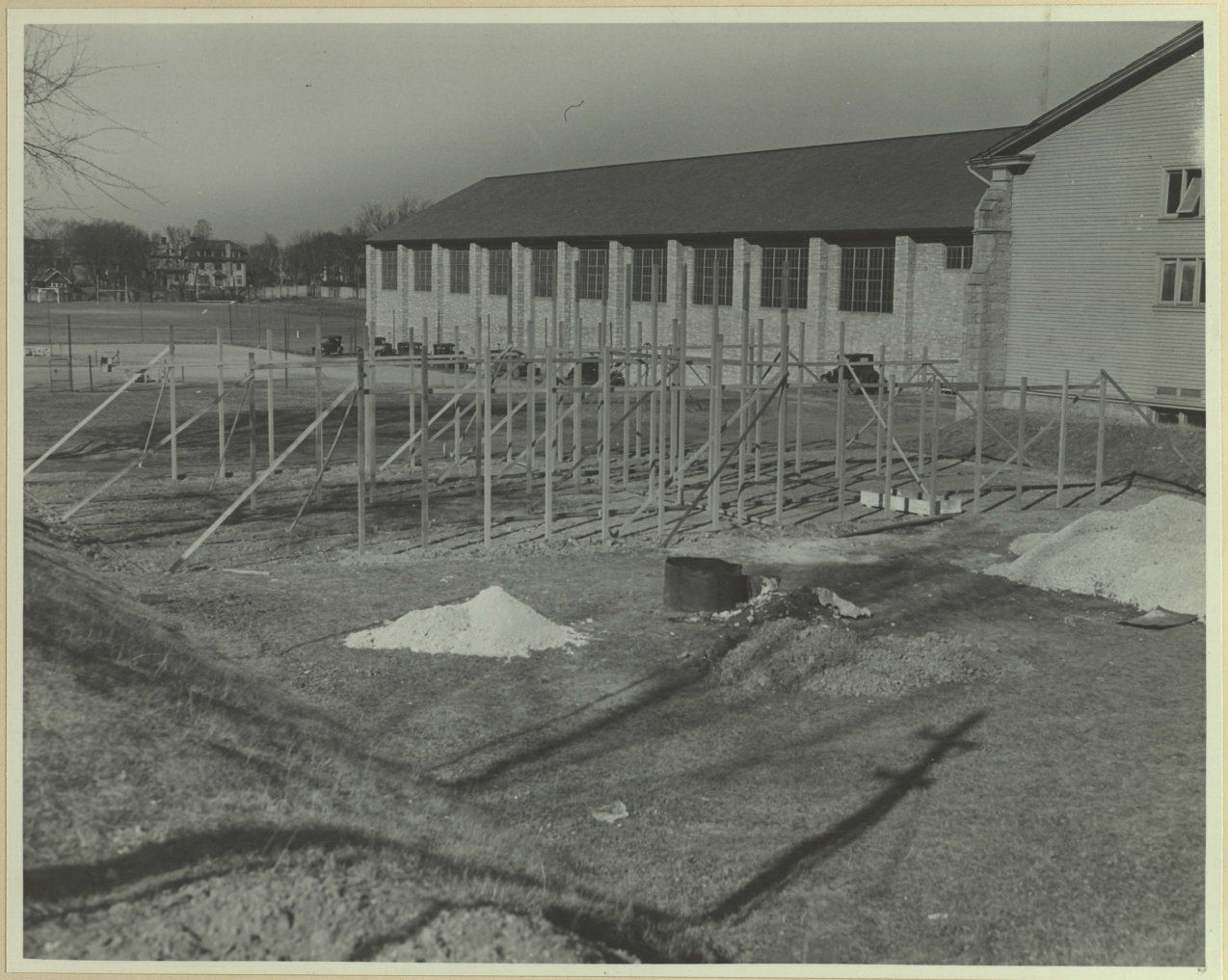
DRAINAGE FOR TRACK

U. of Mo.
CWA.
'33-3H

A drainage system being installed at Rollins Field is expected to improve greatly the condition of the cinder track. Heretofore the track frequently was flooded with water every time it rained, leaving it soft and in a poor condition. Often it was out of shape for important track and field contests. The new tile drain will relieve this condition.

U. of Mo.
CWA
'33-34

FLOOR PUT IN HANDBALL COURTS



Concrete floors and other needed improvements are being made on the handball courts, as shown in the picture. This will enable students to use the courts more months out of the year and in worse weather than formerly. This in a noteworthy improvement in the crowded facilities for student recreation. The photograph shows forms being constructed before concrete was poured.