



1959 ANNUAL REPORT

R-OCDOC
TD
546
.03
1959

Daniel W. Barry
DRAIN COMMISSIONER



October 1, 1959

Honorable Board of Supervisors
of Oakland County
1 Lafayette Street
Pontiac, Michigan


Ladies and Gentlemen:

In compliance with the provisions of Section 31, Chapter II of Act No. 40 of the Public Acts of 1956, as amended, the Annual Report of the County Drain Commissioner is respectfully submitted.

This Annual Report covers the period from October 1, 1958, to October 1, 1959. Those programs presently under processing, which are of particular interest to the Board, are commented upon as in previous reports. It is hoped that the information herein contained will prove of value and interest to the Members of the Board.

May I take this opportunity to thank the Board of Supervisors and the various working Committees for the constant cooperation and assistance tendered my office during the past year.

Sincerely,

A handwritten signature in cursive script, reading "Daniel W. Barry". The signature is written in black ink and is positioned above a horizontal line.

Daniel W. Barry,
Oakland County Drain Commissioner

DWB:mas

TABLE OF CONTENTS

SECTION 1 - OPERATIONAL REPORT:

Twelve Towns Relief Drains	1
Eight Mile Road Storm Drain.	2
Southeastern Oakland County Sewage Disposal System Interceptor Extension (Dequindre Interceptor)	3
Red Run Project No. 2 (Enclosure of Red Run).	3
Bear Creek Drain	4
Inter-County Beaver Creek and Branches Drain.	5
Beck Road Drain.	6
Wrey Drain	7
 Oakland County Drain Commissioner's Engineering Department	 8 - 11
 Oakland County Drain Commissioner's Maintenance Department	 12 - 17
 Recommendations	 18

SECTION 11 - APPLICATIONS AND PETITIONS NOW ON FILE; LAKE LEVEL ESTABLISHMENT.	19 - 26
---	---------

SECTION 111 - FINANCIAL	27 - 77
-----------------------------------	---------

SECTION 1V - SOUTHEASTERN OAKLAND COUNTY SEWAGE DISPOSAL SYSTEM	78 - 81
--	---------

SECTION 1
OPERATIONAL REPORT

TWELVE TOWNS RELIEF DRAINS -

Following is the report for a year's period ending September 30, 1959, on progress and developments on the TWELVE TOWNS RELIEF DRAINS Project.

As of the date of last year's Annual Report, the Project was awaiting review by the Michigan Supreme Court of a highly favorable decree of Oakland County Circuit Court Judge H. Russel Holland on litigation instituted by the Township of Southfield and the City of Troy and joined in by the Township of Royal Oak.

Although oral argument on the appeal of the Circuit Court decree was heard by the Michigan Supreme Court on January 13, 1959, the Supreme Court opinion on this case was not issued until July 13, 1959. The Supreme Court affirmed the Lower Court decree in all respects, and our Legal Counsel advised the Drainage Board that it was free to complete the statutory procedure necessary to put the Project under construction contract.

In January, 1957, the Michigan State Highway Department announced plans to proceed with the "Walter P. Chrysler Expressway" and the probability that this expressway would utilize the existing Stephenson Highway right-of-way. Use of the center parkway of Stephenson Highway from Nine Mile Road to Fourteen Mile Road for "TWELVE TOWNS" construction has previously been approved by the State Highway Department. Although it was certain that the expressway development would necessitate material re-planning and re-design of "TWELVE TOWNS" structures, the State Highway Department's plans had not been sufficiently developed and crystallized so that re-alignment and re-routing could be determined which would permit re-design of "TWELVE TOWNS" structures to proceed.

The seriousness of this situation was explained to the State Highway Department, and we received the fullest cooperation of that Department in expediting of the expressway planning to a point where the required "TWELVE TOWNS" changes could be determined. On July 18, 1959, our Engineers received written confirmation of the changes in location and route required, and Drainage Board authority was promptly given for extensive re-design required.

On August 20, 1959, the Drainage Board held a public hearing on and approved necessary route changes; received and approved revised plans, specifications and estimates of cost totaling \$47,102,000.00; and tentatively approved the apportionment of cost, with public hearing thereon to be held September 30, 1959.

Immediately following the final approval of cost apportionment, construction bids can be solicited and, barring unforeseen obstacles, construction contracts can be awarded immediately after January 1, 1960.

EIGHT MILE ROAD STORM DRAIN -

Because of the prevailing controversy over the proposed construction of this Drain, it is highly desirable that a report be submitted to the Board of Supervisors at this time.

The application to "Lay-out A Drainage District" was filed in the office of the Drain Commissioner on September 2, 1955. Bids for the construction were opened on September 18, 1958, and the low bid in the amount of \$3,949,715.00 was accepted. The Day of Review of Assessments was set for October 14, 1958. Since that date, progress has been all but impossible because of the concerted action of the Eight Mile Road Storm Drain Taxpayer's Association, an association formed to fight construction of the Drain because of alleged fraud and confiscatory property assessments. This group sought for and received a public hearing before the Michigan State Municipal Finance Commission on December 28, 1958. The Municipal Finance Commission, after lengthy deliberations, finally gave its approval to issue bonds for the construction of the Eight Mile Road Storm Drain on August 18, 1959. Several days prior to this action by the Municipal Finance Commission, the Taxpayers' Association filed a Bill of Complaint in Oakland County Circuit Court requesting a temporary restraining order restraining the Drain Commissioner from proceeding, pending the hearing on the Order To Show Cause. On September 9, 1959, Circuit Court Judge William John Beers refused to issue a temporary injunction against the Drain. "Because of the magnitude and importance of this case", Judge Beers said, "trial will be set within thirty days. The question of an injunction will be settled then".

Since that date, a postponement has been effected to allow the City Officials of Oak Park and the City of Southfield, as well as the Drain Commissioner and attorneys to meet and discuss the possibilities of proceeding under a different section of the Drain Code in an effort to reduce the assessments against residential properties. There is a distinct possibility that the two concerned municipalities could petition for the Eight Mile Road Storm Drain under the provisions of Chapter 20. This chapter allows to assess at large against the several benefitting municipalities rather than through special assessment against specific benefitting properties. Whether the two communities will petition under Chapter 20 is not a question easily answerable. Should they fail to do so, the present threatened Court Case will, by necessity, go forward, and, if similar cases may be used as a yard stick in judging time consumed in legal debate, two years of litigation seems a reasonable guess.

This office feels it most important to state the following reasons for constructing a drain on Eight Mile Road, regardless of which Section of Law is utilized or even regardless of the agency used to effect such construction. There is in Oakland County a Department of Public Works which may construct drainage facilities as well as the Office of the Drain Commissioner.

1. Need for drainage in residential and commercial properties within the District.
2. Highway construction or improvement will depend upon a proper storm water outlet.
3. Improved relations with the City of Detroit, presently flooded with waters flowing from Oakland County.
4. Possible overflow connection for the Evergreen Interceptor to meet requirements of the City of Detroit.

SOUTHEASTERN OAKLAND COUNTY SEWAGE
DISPOSAL SYSTEM INTERCEPTOR EXTENSION -
(DEQUINDRE INTERCEPTOR)

No further procedural action has been taken in the matter of the Dequindre Interceptor during the past year - September 30, 1958, to September 30, 1959. As noted in the last year's Annual Report, several municipalities took formal action in the summer of 1958 by adopting resolutions conditioning their willingness to enter into sewage disposal contracts with the County upon the successful completion of "Twelve Towns" litigation which was then before the Supreme Court. These municipalities further stated that until the Twelve Towns Drainage Board had succeeded in obtaining required right-of-way for construction, they would refuse to sign contracts for sewage disposal. The Drainage Board does not anticipate any right-of-way problems since preliminary contacts with the owners and agencies involved so indicates. All right-of-way negotiations for the "Twelve Towns Relief Drains" should be completed by October 15, 1959. Immediately following, contracts will be forwarded to the fourteen municipalities within the Southeastern Oakland County Sewage Disposal System covering their financial participation in the Dequindre Interceptor. As of this date, it appears that no difficulty will be encountered in placing the Dequindre Interceptor Project under construction contract by February 1, 1960.

In 1958, an application was filed on behalf of the Dequindre Interceptor to secure a Grant of \$250,000.00 under a program of Federal Grant For Sewage Treatment Works. The Project failed by a narrow margin to secure high enough priority rating to qualify for the Grant. During the past year, considerable work has been accomplished to increase the support data required for priority evaluation. Application has again been filed under the 1959 program and prospects for securing Grant appear very favorable.

RED RUN PROJECT NO. 2 - (Enclosure of Red Run)

Following is a report for the year's period ending September 30, 1959, on the status of Red Run Project No. 2.

This Project is one of the three projects required to provide the facilities necessary to correct the present pollution of the Red Run Drainage Ditch caused by Southeastern Oakland County Municipalities. The remaining two projects are the "Twelve Towns Relief Drains" and the "Dequindre Interceptor".

The enclosure of the Red Run from Campbell Road to Stephenson Highway will be necessary only as a required adjunct to the two remaining projects. Accordingly, the Drainage Board for the Red Run Drain carried this project through the "Final Order of Determination" on May 22, 1958, and discontinued further procedure at that point to await definite and final commitments on the two companion projects.

No difficulty will be experienced in getting Red Run Project No. 2 under construction early in 1960 since the Project is 100% designed. The Red Run Drainage Board will contract construction to insure the Project will not precede the other two pollution control projects. The fill material required following enclosure, approximately 200,000 yards, will be obtained from "Twelve Towns" excavations which will result in substantial cost reduction.

BEAR CREEK DRAIN -

The Bear Creek Inter-County Drain serves the County of Oakland and the County of Macomb. In Oakland County, the Cities of Madison Heights and Hazel Park depend upon this Drain as a trunk for the storm drainage from large sections of their respective areas. These areas are served by the Sharkey and Kutchey Inter-County Drains which outlet into the Bear Creek Drain within the environs of the City of Warren in Macomb County.

Over the past several years, considerable attention has been focused upon the development of the Bear Creek Drain. The Michigan State Health Department and the Michigan Water Resources Commission have ordered the Drainage Board for the Bear Creek Drain to abate present pollution to Lake St. Clair. In order to accomplish the required action, the Drainage Board has processed a petition under Chapter 21 of Act No. 40, Michigan Public Acts of 1956, As Amended, signed by the several communities involved. This petition was submitted on March 21, 1958; necessity for the project was determined by the Augmented Drainage Board for the Bear Creek Drain on May 23, 1958.

Engineering plans and specifications were developed by the consulting firm of Johnson and Anderson, Inc. of Pontiac, Michigan. The Drainage Board accepted these final plans and specifications on April 20, 1959. Bids were taken for the construction of the project on July 30, 1959. The Greenfield Construction Company submitted the low bid in the amount of \$2,987,288.33.

At the present time, the Drainage Board is concerned with the securing of right-of-way and has recently begun condemnation proceedings in Macomb County. The construction of this vital facility will begin as quickly as bonds are sold. This action, in period of time, is anticipated to be during the first quarter of 1960.

INTER-COUNTY BEAVER CREEK AND
BRANCHES DRAIN -

The original petition for this drain was filed in the Office of the Macomb County Drain Commissioner on February 28, 1951. After several years of no action, it was suggested by the Oakland County Drain Commissioner that proceedings be reactivated but under the provisions of Chapter 20 rather than under the General Drain Law. Nothing has been done to date to initiate new proceedings for this drain.

The Beaver Creek and Branches is a drain which will largely determine the development of the City of Troy. Troy, fortunately, has a system of County Drains which can serve as a trunk system for that City's storm water. All these County Drains are in need of improvement. However, even if improved, little benefit can be derived at this time because the inter-County outlet is highly restricted. The Beaver Creek and Branches Drain will form the outlet for the City of Troy.

It may be several years before the Drain Commissioner is petitioned by Troy or Warren or Shelby Township to improve this important drain. Until that time, nothing can be accomplished by this office to assist in the solution to existing drainage problems in the City of Troy.

BECK ROAD DRAIN -

An application was filed in the Office of the Drain Commissioner signed by the Oakland County Board of Road Commissioners through the instigation of the Michigan State Highway Department to "Lay-Out And Designate A Drainage District" on January 4, 1956.

These proceedings were brought to the point of obtaining rights-of-way to construct the drain. The Drain Commissioner was unable to obtain voluntary Releases of Rights-of-way during the sixty day period provided by Law and, due to inexperience, failed to institute condemnation proceedings for the taking of private property within the time set by Statute.

It, therefore, became necessary to petition the Probate Court to back-up the proceedings to the point where valid proceedings could once again be resumed. Since it was a foregone conclusion that voluntary Releases of Rights-of-way could not be obtained from property owners, condemnation proceedings were instituted in Probate Court on April 20, 1959.

There seems to be general agreement that a drain of some type is needed in the area. The Michigan State Highway Department is most desirous of correcting a drainage deficiency created by the re-location of U. S. 16 (Grand River Avenue) and agrees that the plans of this office are adequate and desirable. However, the property owners through whose property the drain would be located are insistent that an open type ditch construction of the size planned is not suitable at this time and are asking for damages. It is to be hoped that these difficulties will presently be resolved and proceedings to construct this drain may be advanced.

WREY DRAIN -

Funds for the development of planning for the eventual construction of the Wrey Drain, a County Drain servicing the area of the City of Troy immediately north of the Twelve Towns Relief Drains District, were provided by the County Board of Supervisors on December 4, 1956, under Miscellaneous Resolution No. 3168.

Actual planning by the Engineering Staff of the Drain Commissioner was held in abeyance until the Twelve Towns Relief Drains District was established by action of the Supreme Court in supporting the Drainage Board in service area determination. Preliminary engineering planning has been completed.

On July 1, 1959, the Drain Commissioner met with the Council of the City of Troy to discuss the Wrey Drain plans and the proposed method of financing as well as the section of the Law under which petitions should be instituted. At the request of the City of Troy, a resolution and form of petition under Chapter 20 of the Drain Code were furnished to the City Council on July 20, 1959. As of this date, such petition has not been filed with this office for the improvement of this facility.

The Wrey Drain is important for the following reasons:

1. By its construction, large areas of the zoned industrial area in the City of Troy would be opened for development.
2. Proper drainage will allow for road improvement.
3. Elimination of flooding of portions of the City of Clawson by waters from Wrey District.

OAKLAND COUNTY DRAIN COMMISSIONER'S
ENGINEERING DEPARTMENT

The Engineering Department worked on a large number of projects during this last year. The engineering work on some projects previously started was completed during this period while other projects were entirely designed and constructed during the year. Following is a resume of the projects under design by the Engineering Department from October 1, 1958, through October 1, 1959.

ARTESIAN DRAIN - (City of Southfield)

This proposed drain, as designed by the Engineering Department, commences approximately 700 feet north of Twelve Mile Road at the existing Evans Ditch between Southfield Road and Evergreen Road. The route runs north to Thirteen Mile Road and the upper terminus is approximately 3,700 feet east of Southfield Road. The plans, consisting of both open ditch and pipe construction, are final at this time. The estimated cost of this project is \$183,000.00.

SUNKEN BRIDGE CLEAN-OUT - (Bloomfield Township and City of Bloomfield Hills)

Plans have been completed for this clean-out work which embodies deepening the present ditch to give much needed drainage to the area south of Lone Pine Road and adjacent to Lahser Road. Several existing dams will have to be removed to achieve this drainage, including a dam on the Cranbrook Foundation property. This entire design is of open ditch construction at an estimated cost of \$37,880.00. There are 1,165 acres in this Drainage District.

MC GINNIS DRAIN - (Bloomfield Township and City of Pontiac)

Engineering design has been completed on this drain which will serve a section of the City of Pontiac as well as the Miracle Mile Shopping Center and adjacent properties. The Drainage District is 467 acres in size and the drain, as designed, is 10,065 feet in length. The district of this drain and the preliminary route were determined by the use of topographic maps developed by means of stereo-photogrammetrical methods from aerial photographs furnished by the Abrams Aerial Survey Corporation. This is a new procedure by this department and it results in greater accuracy in laying-out a drainage district with much less field survey work.

RED RUN FEDERAL EROSION CONTROL PROJECT -

The purpose of this project is to control or eliminate the large amount of erosion occurring to the banks of the Red Run Drain. This erosion is primarily caused by open and enclosed lateral drains outletting on the Red Run banks without proper erosion protection. The existing concrete spillways for open side drains designed by the Corps of Engineers, broke up rapidly within a few years after construction and, at present, are completely worthless. To replace these structures and correct other erosion problems, a detailed survey was made by the Engineering Department of the entire 11 1/2 mile length of the Red Run Drain. Individual designs were made of forty erosion control structures and detailed plans and specifications were made. It was determined that the Drain Commissioner's Maintenance Department would construct four of these structures while thirty-six would be handled under contract. On July 23, 1959, public bids were opened and

RED RUN FEDERAL EROSION CONTROL PROJECT - (continued)

the low bid of \$59,175.00 was accepted by the Red Run Drainage Board. Construction commenced in August of this year and is presently proceeding on schedule. Inspection of the construction is under the supervision of Engineering Department personnel.

RED RUN PROJECT NO. 2 -

This project is the proposed enclosure of approximately 2,200 feet of the Red Run Drain from Campbell Road to the proposed weir east of Stephenson Highway. The design of this 14'-3" X 14'-0" Box Section has been completed by the Engineering Department and the plans and specifications have been approved by the Michigan State Health Department. This project will be constructed concurrently with the Twelve Towns Relief Drains and excess excavated materials from the Twelve Towns Relief Drains construction will be used as backfill over the Box Section. The cost of this project has been estimated at \$1,662,000.00.

OAKLAND-WOODHULL LAKE LEVEL CONTROL - (Waterford Township and Independence Township)

This engineering work consisted of the design of a reconstruction of the existing, badly deteriorated spillway structures as well as the building up of the earth dike. Plans and specifications were prepared and bids were received on December 4, 1958. The only bid received was \$4,675.00 over the estimated cost of \$7,500.00. This bid was, therefore, rejected and the construction work was turned over to the Drain Commissioner's Maintenance Department under the supervision of the Engineering Department. Work was commenced in May of this year and substantially completed in August of this year. A six foot chain link fence was installed around the dam site to keep out trespassers and the dike has been seeded and riprapped to control erosion. The water levels of Oakland and Woodhull Lakes are now being controlled at or near the legal level of 957.50.

ROUGE DRAIN NO. 1 - (City of Southfield, City of Lathrup Village, Township of Southfield and Village of Beverly Hills)

This proposed drain is located in the above municipalities. The route follows the existing Evans Ditch Branch of the Rouge River from Northwestern Highway to the lower terminus of the proposed Artesian Drain north of Twelve Mile Road. The engineering work on this drain was completed during the year. This proposed open ditch drain is 12,811 feet in length and the estimated cost of the project is \$200,000.00. The total district, which also includes the Artesian Drainage District, is 2,986 acres in size.

WARD ORCHARDS DRAIN - (City of Pontiac and Bloomfield Township)

Construction of this drain proceeded during the fall months of the year 1958 with substantial completion of the project in December of 1958. Following clean-up work by the contractor, a final inspection was made and the contractor was paid in full on May 20, 1959. Inspection of the construction was handled by the Engineering Department personnel.

WREY DRAIN - (City of Troy)

A preliminary engineering design has been made for an enlarged pipe drain along Maple Road from an outlet at the Spencer Drain to a point east of Coolidge Road and also a branch south on Crooks Road. The entire district of 860 acres lies within the City of Troy. The estimated cost of this proposed storm drain is \$1,250,000.00. A portion of the existing Wrey Drain Open Ditch was relocated at the Michigan Bell Telephone Company's property on Crooks Road south of Maple Road so that a service building could be located on the property.

In addition to the above described drain designs and constructions handled by the Engineering Department, a number of miscellaneous engineering services and studies were performed. Following are the principal items in this category:

REVIEW OF SUBDIVISION DRAINAGE -

On January 9, 1959, the Oakland County Plat Board adopted a policy requiring the Drain Commissioner to review all plats to determine if County Drain Easements are indicated correctly and also to check the adequacy of drainage in proposed subdivisions. This program was immediately put into effect, and, with the cooperation of the Oakland County Road Commission, this office has analysed subdivision plans and written drainage reviews on forty-two proposed subdivisions to date. It was soon found that much laxity in providing proper drainage facilities was occurring in plans submitted for review. In particular, it was noted that either insufficient easements or, in many cases, no easement were provided along drainage channels for future maintenance work. Undersized culverts and storm drains were the rule rather than the exception. Since inception of this program, however, a great improvement in subdivision drainage plans has been evident. Continuation of this program will result in a tremendous reduction of subdivision flooding problems, particularly, if the local governments inspect construction to enforce strict adherence to plans and specifications approved by this office.

AS-BUILT PLANS OF EXISTING DRAINS -

During the early years following the creation of the office of the Drain Commissioner, little attention was given to the necessity of engineering plans for County Drains. A large number of drains were, therefore, constructed either without plans or the plans were lost or destroyed over the years. With the increasing urbanization of land, formerly agriculture in nature, it has become obvious that plans of all existing County Drains are necessary. In March of this year, field surveys were started on routes of old County Drains. Upon the completion of the survey on each drain, plans were drafted, showing the route and the drainage district, as well as the plan and profile of the drain. Plans have been completed on ten existing drains under this program.

STREAM AND RAIN GAGE PROGRAM -

In 1954, twelve rain gages were purchased by the Drain Commissioner's Office. These gages were installed at various locations through-out the County of Oakland. The rainfall data that has been compiled by this office has already proved valuable in the design of the Twelve Towns Relief Drains, as well as other projects. The true value of the program, however, lies in the accumulation of many years of records in order to cover a large number of storms. From this data, new formulas for the design of storm drains and flood control structures can be evolved. The stream gages, which are installed on a cooperative program with the United States Geographical Survey, measure actual surface storm run-off and so are necessary in all areas where rain gages are located. At the present time, nine stream gages and sixteen recording rain gages are located in the County. This office proposes the addition of four stream gages and six rain gages in the Clinton River Basin during the fall of 1959 in cooperation with the Oakland County Department of Public Works and the United States Geographical Survey.

OAKLAND COUNTY DRAIN COMMISSIONER'S
MAINTENANCE DEPARTMENT

In the past year, the Maintenance Department of the Oakland County Drain Commissioner's Office has been particularly active in providing a variety of services to the people of Oakland County. The operations of this Department can generally be classified under the following headings:

Preventative Maintenance
Routine Maintenance
Welfare Labor

General Maintenance
Drain Inspection
Special Assignment

A brief description of the work encompassed under each of these headings, as well as drains upon which such work has been done, is set forth as follows:

PREVENTATIVE MAINTENANCE -

Work done under this classification consists of the cleaning of closed drains with sewer cleaning bucket machines. Last year, this Department acquired sewer cleaning equipment so it has been possible to immediately schedule cleaning operations on any closed drain that our Drain Inspector reports as needing attention. This year we have cleaned all or sections of the following closed County Drains:

<u>DRAIN</u>	<u>FOOTAGE OF PIPE CLEANED</u>	<u>DRAIN</u>	<u>FOOTAGE OF PIPE CLEANED</u>
Franklin Drain	240 Ft. 1.35	Glendale Drain	255 Ft.
Galloway Lake Farms Drain	940 " 1.36	Clawson Drain	600 "
Southfield No. 2 Drain	600 " 1.88	Southfield No. 6 Drain	7,392 "
Broadacres Drain	1,600 "	Taylor Drain	710 "
Beverly Manor Drain	250 "	Wixom Drain	2,260 "
Birdsland Drain	1,713 "	Bald Eagle Lake Drain	284 "
Draytons Plains Drain	200 "	Drayton Plains	
West End Drain	780 "	Extension Drain	621 "
Pearl Drain	1,240 "	Hazel Drain	1,030 "
Houghten Drain	1,250 "	Bloomfield Highlands	
Martha Washington Drain	330 "	Drain	405 "
Adams Avenue Drain	1,006 "	Clarenceville Drain	1,050 "
Clarenceville Extension		Hugo Scherer Drain	350 "
Drain	290 "	Sherman Drain	280 "

People from many of the areas served by these drains used to flood our switchboard with emergency calls after each rainfall, however, we now note that only a very few calls originate from these areas. We feel, therefore, that the effectiveness of our Preventative Maintenance Program has been proven.

GENERAL MAINTENANCE -

This classification covers the many activities associated with any Department having the responsibility of operating and maintaining large (open and closed) drainage systems, pumping stations and lake level controls. The type of work necessary for routine maintenance would include the following types of activities:- repairing damaged manholes; replacing manhole steps; opening frozen catchbasin leads; repairing breaks in sewers; equipment maintenance; checking and repairing pumps; brushing open drains; removing debris from culverts; etc.

General maintenance assignments have been carried out on the following drains which are located throughout Oakland County:

Pearl Drain	Union Lake Level Control
Beverly Manor Pumping Station	Marshall Drain
Pontiac Lake Level Control	Franklin Drain
Martha Washington Drain	Ward Orchards Drain
Patterson-Holly Drain	Lawson Drain
Hazel Drain	Glendale Drain
Drayton Plains Drain	Vinewood Drain
Wrey Drain	Southeastern Oakland County Sewage Disposal System
Hawthorne Drain	Galloway Lake Farms Drain
Axford Drain	Sprague Drain
Eleven Mile Road Extension Drain	Keego Harbor Drain
Maplehurst Drain	Red Run Drain
Sherman Drain	Sturgis
Royal Oak Drain	Southfield No. 2 Drain
Southfield No. 1 Drain	Morgan Drain
Southfield No. 6 Drain	Acacia Park Drain
Spencer Drain	Cromie Lockwood Drain
Deising Drain	McDowell Drain
Key "O" Drain	Hugo Scherer Drain
Royal Oak No. 3 Drain	

ROUTINE MAINTENANCE -

This classification covers those functions that the Maintenance Department carries out on a regular schedule. The type of work fitting this category would be the cleaning of catchbasins, checking of pumping stations and diversion gates, cleaning of pumping station wet wells, etc. The catch basins on the following drains have been cleaned during the past year:

Hazel Drain	Holcomb Drain
Tuttle Drain	Barker-Bailey Drain
Eleven Mile Road Extension Drain	West End Drain
Franklin Drain	Sinclair Drain
Southfield No. 1 Drain	Southfield No. 2 Drain

ROUTINE MAINTENANCE - (continued)

Southfield No. 6 Drain
Galloway Lake Farms Drain
Marshall Drain
Ward Orchards Drain
Keego Harbor Drain
Campbell Road Drain
Birdsland Drain

Batavia Drain
Martha Washington Drain
Glendale Drain
Bloomfield Highlands Drain
Shaberman Drain
Sherman Drain
Clarenceville Extension Drain

The Beverly Manor Sanitary Pumping Station, Southeastern Oakland County Sewage Disposal System, Interceptor Diversion Gates were checked on a weekly basis and routine maintenance was carried out.

The Southeastern Oakland County Sewage Disposal System Pumping Station wet well was cleaned on a regular basis throughout the year.

DRAIN INSPECTION -

It was recognized that with a small Maintenance Department and having the responsibility of maintaining 157 miles of closed and 477 miles of open drains located throughout Oakland County that, to most effectively schedule work crews, a system of preliminary investigation and assignment of priority was necessary.

To accomplish this objective, it was decided to designate a man as a Drain Inspector whose full time duties would consist of inspecting and writing reports on the condition of all County Drains. These reports are then reviewed to determine where work is required. Required work is assigned a priority and then placed on our Maintenance Department's work schedule.

Inspections and reports have been made on the following drains during the last year:

Graham Branch of the Royal Oak Drain
West End Drain
Sanders Drain
Greenaway Drain
Lawson Drain
Franklin Drain
Martha Washington Drain
Leon Drain
Glendale Drain
Oakland Hills Orchards Drain
Wrey Drain
Wixom Drain
McClain Drain
Birdsland Drain
Oak Knobs Drain

Weir Drain
McCormick Drain
LaSalle Drain
McClung Drain
East Clawson Drain
Keego Harbor Drain
Sprague Drain
U. S. 16 Drain
Bear Creek Extension Drain
Campbell Road No. 2 Drain
Decker Drain
Maynard Drain
Campbell Road Drain
Drayton Plains Drain
Clawson Drain

(continued)

DRAIN INSPECTION - (continued)

Southfield No. 6 Drain
Tuttle Drain
Taylor Drain
A. J. Taylor Drain
Frederick Drain
St. Charles Drain
Craft Drain
Rhone Drain
Perry Drain
Holcomb Drain
Key "O" Drain
Murray Drain
Maplehurst Drain
Sprague No. 2 Drain
Ward Orchards Drain
Southeastern Oakland County
Sewage Disposal System
Interceptor (upper section)

Swan Drain
Amy Drain
Batavia Drain
Farnum Drain
Sherman Drain
Beverly Manor Drain
Acacia Park Drain
Southfield No. 1 Drain
Allen Drain
Eleven Mile Road Extension Drain
Vermont Drain
Paint Creek Drain
Sprague Drain
Boyd Drain
Cowden Drain

WELFARE LABOR -

The Welfare Labor Program which was instituted in June, 1958, has been continued through this current year. This Program of open ditch clean-out and improvement was initiated in cooperation with the Social Welfare Agency of Oakland County under which work relief projects were set up and welfare labor utilized to improve established drains. This work consists of the cutting and burning of all brush and trees along the rights-of-way and the clean-out of all obstructions in the bottom of the drains. The extent of the improvement was, of course, limited to the type of cleaning equipment available for this purpose. However, the overall results have been very satisfactory.

The following drains have been improved under this program during this last year:

Dry Run Drain
Spencer Drain
Galloway Drain

Dutton Drain
Swan Drain
Reid and Branch Drain

SPECIAL ASSIGNMENT -

We feel this classification is necessary to properly classify those projects that cannot be described as maintenance operations. This Department is fortunate in having men who are well versed in the building arts such as carpentry, welding, brick-laying, reinforced concrete, etc. Examples of such projects undertaken this last year are as follows:

OAKLAND-WOODHULL LAKE LEVEL CONTROL -

The Oakland County Drain Commissioner's Engineering Department, in response to a petition to establish and maintain a legal lake level on Oakland and Woodhull Lakes, designed the necessary structures to accomplish this objective. This design called for the rebuilding of two existing dams, removal of a number of large trees, the placing of approximately 600 cubic yards of fill on existing dikes, fabrication and installation of miscellaneous iron work, seeding of dikes, the placing of rip-rap and the fabrication of stop logs. The Maintenance Department was given the assignment to build this project according to the prepared plans and specifications. This project was substantially completed in a very workmanlike manner in August of this year.

RED RUN EROSION CONTROL STRUCTURES -

To alleviate serious erosion problems in the Red Run Drain caused by tributary streams, the Engineering Department designed forty erosion control structures. These structures involve the construction of headwalls, laying of pipe, construction of retaining walls, ditching, backfilling and miscellaneous other work. Contracts were let for thirty-six of these structures, while the construction of the remaining four was assigned to the Maintenance Department. These four structures were completed in August of this year.

SOUTHEASTERN OAKLAND COUNTY SEWAGE DISPOSAL SYSTEM -

The Maintenance Department, during this last year, completed the following assignments on the Southeastern Oakland County Sewage Disposal System: - constructed a metal safety catwalk for the Twelve Mile and Campbell Roads Diversion Chamber; installed an area well and exhaust fan for the motor controller room; fabricated and installed a pump hoist; and installed and fabricated a special pressure relief manhole cover on one of the Interceptor manholes.

MC DOWELL DRAIN CLEAN-OUT -

The general procedure used when a major drain clean-out is required, is to contract this work out. It was felt, however, when it became necessary to clean and deepen the McDowell Drain, that this work could be capably handled by our Maintenance Department. Therefore, with the cooperation of the City of Madison Heights, this Department undertook this assignment. The work is presently under way with an estimated October completion date.

CONCLUSION -

In reviewing the operations of the Maintenance Department during this past year, we feel that the success of our operation is the result of well qualified personnel; the acquisition of new maintenance equipment and excellent supervision. It should be pointed out that during the last year, an equipment account has been set up whereby a small rental charge is made against the drain on which the equipment is used and credited to this account. The moneys which accumulate in this account are then used to purchase additional maintenance equipment as well as the maintenance and replacement of equipment on hand.

It is the feeling of this office that this method of acquiring new equipment is equitable and has enabled this Department to provide better and more efficient service to the people of Oakland County.

RECOMMENDATIONS -

It is respectfully recommended to the Legislative Committee that the Drain Code be amended to permit interest derived from Drain Fund investments to be credited to the Drain Fund.

Last year, a new Lake Level Law was readied for submission to the Legislature. It failed to "get off the ground". This year, the same bill will be submitted and this office respectfully requests the full support of the County Board of Supervisors in this matter.

There are approximately twelve petitions on file in this office praying for the establishment of legal lake levels as an aid in solving fluctuating water levels. This office cannot process such petitions and has requested the Board of Supervisors to hold such petitions in abeyance until such time as a new Law may be enacted under the provisions of which these projects may be financed and constructed. Several of these petitions have been procedurally acted upon but have been pending, awaiting the passage of needed Legislation. It is hoped that a new Law will be enacted during the 1960 session of the Legislature.

SECTION 11

APPLICATIONS AND PETITIONS NOW ON FILE

LAKE LEVEL ESTABLISHMENT

ANNUAL REPORT OF THE COUNTY DRAIN
COMMISSIONER TO THE BOARD OF SUPER-
VISORS OF OAKLAND COUNTY

From October 1, 1958, to October 1, 1959

Members of the Board of Supervisors:

In compliance with the provisions of Act No. 40, Public Acts of 1956, As Amended, it is my duty to submit an Annual Report as County Drain Commissioner of the County of Oakland, covering the period from the 1st day of October, 1958, to the 1st day of October, 1959.

PETITIONS TO LOCATE, ESTABLISH AND CONSTRUCT AND TO
CLEAN-OUT, DEEPEN, EXTEND, TILE AND/OR RELOCATE
COUNTY DRAINS FILED PRIOR TO OCTOBER 1, 1958.

WARD ORCHARDS DRAIN - (Bloomfield Township and City of Pontiac)

The application to lay-out a drainage district was filed on February 13, 1952, by interested property owners. The petition to construct signed and filed by the Michigan State Highway Department was processed under Section 327, Chapter 13 of Act No. 40 and the necessity for construction determined by the Department of Agriculture under Order dated October 18, 1955. Construction bids were opened on August 1, 1958, and the low bid of \$86,155.00 was accepted. A total amount of \$121,875.00 was levied against property in the district and at large - to be levied in five annual installments (1958 thru 1962) with the Michigan State Highway Department receiving 65% of the total cost. Work on this project started September 12, 1958, and was completed May 20, 1959.

ARTESIAN DRAIN - (City of Southfield and Village of Beverly Hills)

Application was filed on October 3, 1956. Plans and profiles are completed. Drain Commissioner's Order designating the Drainage District was filed on June 3, 1959. Petitions to Locate, Establish and Construct the drain were mailed to Mr. Richard J. Blackhall on May 20, 1959, with instructions as to the number of signatures required. At this point in the proceedings, the City of Southfield, under an appropriate section of its charter, decided to create a special assessment district and to clean-out the existing stream between the Twelve and Thirteen Mile Roads. Such action by the City appeared to meet with the approval of the property owners in the Drainage District and the petition to construct was not put in circulation. Further processing of these proceedings are, therefore, suspended.

GARFIELD DRAIN - (Novi Township)

Work on this project has been satisfactorily completed and final payment made on November 17, 1959. The third and final installment of the assessment will be levied this year.

SKAE DRAIN - (Bloomfield Township and West Bloomfield Township)

Application to Lay-out And Designate A Drainage District was filed on August 8, 1955, by the County Road Commission at the request of the Michigan State Highway Department. Several tentative methods of drainage have been investigated but have not proved satisfactory because of inadequate outlet or lack of grade and the Department is presently considering the use of pumps.

GOUGEON DRAIN - (Bloomfield Township)

Application to Lay-out A Drainage District was filed May 4, 1955, and field work was completed and tentative plans drawn. The outlet of this proposed drain through the Sunken Bridge Drain was found to be entirely inadequate and the proceedings were temporarily suspended. (See Sunken Bridge Drain)

BECK ROAD DRAIN - (Novi Township, City of Wixom and Village of Novi)

Application to Lay-out And Designate A Drainage District was filed on March 17, 1958, signed by the members of the Board of County Road Commissioners at the request of the Michigan State Highway Department. Plans and profiles have been completed and the Drainage District established. Voluntary releases of rights-of-way were not obtained from the owners of property traversed by the drain and on April 20, 1959, application was made to the Probate Court for the appointment of Special Commissioners. Such Special Commissioners were appointed on July 31, 1959, and the first meeting was held August 4, 1959. Hearings have been adjourned from time to time and as of the date of this Report, no return has been made by the Special Commissioners.

SPENCER DRAIN - (City of Troy)

Petition to clean-out, deepen, widen, etc. was filed on November 8, 1955. Engineering studies and surveys are held up, pending the development of the Beaver Creek and Branches Inter-County Drain in Macomb County.

ACACIA PARK DRAIN - (City of Southfield)

A petition was filed by the Water Resources Commission (on report by the State Health Department) for the construction of necessary and appropriate devices to purify the flow of the Rouge River. The Board of Determination declared such construction necessary at a meeting on August 10, 1956. Proceedings are presently being held up, pending development of the sanitary interceptor program.

ROUGE DRAIN NO. 1 - (City of Lathrup Village, City of Southfield, Township of Southfield and Village of Beverly Hills)

Application for Laying-out And Designating A Drainage District was filed on September 7, 1956. Plans have been completed and the District established by publication. Petitions to Locate, Establish And Construct were filed on July 20, 1959, and a Board of Determination appointed on August 3, 1959. Meetings were held on August 28, September 1 and September 8, 1959, and at the latter meeting, the Board declared that the proposed drain, as petitioned for, was not necessary. An assessment to cover all expenditures paid from the Revolving Fund in establishing a Drainage District and preparing necessary plans, will be levied against property in the proposed Drainage District. Such assessment will be levied in the current year.

SUNKEN BRIDGE DRAIN - (Bloomfield Township and City of Bloomfield Hills)

Petition for Cleaning-out, Deepening, Widening, Straightening, Etc. was filed on August 26, 1958. Such petition was of sufficiency and field surveys, plans and profiles were completed. Court action to determine the legality of the right-of-way previously obtained by the Drain Commissioner is presently pending and further processing of the petition has been temporarily suspended.

INTER-COUNTY DRAINS

APPLICATIONS TO LAY-OUT AND DESIGNATE INTER-COUNTY DRAINAGE DISTRICTS FILED PRIOR TO OCTOBER 1, 1958.

BEAVER CREEK AND BRANCHES DRAIN - (Oakland and Macomb Counties)

Application was filed on February 28, 1951. The Engineer's Report and Order Designating A Drainage District was filed. Petitions for Locating, Establishing And Constructing were filed on May 20, 1957. A meeting of the Drainage Board was held on February 14, 1958. No further action has been taken.

SPENCE DRAIN - (Oakland and Wayne Counties)

Application was filed on August 15, 1949. Order Designating A Drainage District was filed on February 6, 1950. A meeting of the Drainage Board was held on January 5, 1951. No further action has been taken.

PLUMBROOK DRAIN - (Oakland and Macomb Counties)

Application was filed on February 18, 1954. A meeting of the Drainage Board was held on February 14, 1958. No further action has been taken.

BEAR CREEK DRAIN - (Oakland and Macomb Counties)

Petitions to Clean-out, Deepen, Relocate, Etc. were filed with the Director of Agriculture on March 21, 1958, under the provisions of Chapter 21, Act No. 40 of Public Acts of 1956, As Amended. Plans and specifications have been completed. Bids have been received and the Drainage Board has authorized the necessary proceedings to secure rights-of-way by condemnation.

APPLICATIONS TO LAY-OUT AND DESIGNATE
A COUNTY DRAIN FILED SUBSEQUENT TO
OCTOBER 1, 1958.

MC GINNIS DRAIN - (Bloomfield Township and City of Pontiac)

Application to Lay-out And Designate A Drainage District was filed on October 7, 1958, with required amount of deposit. The necessary Tax Certificates have been received from the County Treasurer. A Drainage District has been established and plans are about 95% complete. Publication of Drain Commissioner's Order is being held up pending an agreement between property owners as to final location of drain.

PETITIONS TO CLEAN-OUT, DEEPEN, WIDEN,
STRAIGHTEN, RELOCATE, ETC. COUNTY
DRAINS FILED SUBSEQUENT TO OCTOBER 1,
1958.

AMY DRAIN - (Township of Pontiac, Township of Bloomfield and City of Pontiac)

Petition to Clean-out, Deepen, Widen, Straighten and Relocate was filed on August 20, 1959. Petitioners were notified that the petition is not of sufficiency under the Statute.

LAKE LEVEL CONTROL PETITIONS
FILED PRIOR TO OCTOBER 1, 1958

OXBOW LAKE - (White Lake Township)

Petition originally filed under Act No. 276 but Court Action was instituted resulting in a Supreme Court decision. Constitutionality of Act No. 276 was questioned and a resolution was adopted by the County Board of Supervisors, directing that proper proceedings be instituted through the Corporation Counsel. New legislation is presently being prepared for presentation to the Legislature to correct defects in existing Statutes.

OAKLAND-WOODHULL LAKES - (Waterford and Independence Townships)

Originally petitioned for under Act No. 276. A resolution adopted by the Board of Supervisors in April, 1956, directed the Corporation Counsel to institute proceedings under Act No. 194. Circuit Court Order dated September 15, 1958, determined the normal height and level of the lakes to be fixed at 957.50 feet above mean sea level. Work on the outlet structure was completed by the Maintenance Department of the Drain Commissioner and is now approximately 95% completed. The contractor was paid by a Special Advance from the County General Fund and the assessment against the benefitted property has been levied.

FOX LAKE - (Commerce Township)

Petition originally filed under Act No. 276 in September, 1955. Resolution to proceed under Act No. 194 approved by Drain Committee. Proceedings are presently being held in abeyance pending new Lake Level Legislation.

LONG LAKE - (Commerce and White Lake Townships)

Original petition filed under Act No. 276. Resolution presented to the Board of Supervisors by Commerce Township Supervisor to institute proceedings under Act No. 194 was referred to the Drain Committee. Further action is being deferred pending new Lake Level Legislation.

LAKEVILLE LAKE - (Addison Township)

Original petition filed under the provisions of Act No. 276. Action by the Board of Supervisors recommended that proceedings be taken under the provisions of Act No. 194. Field investigation has been completed. Circuit Court Order dated January 15, 1958, set level of lake at 952.30 feet above mean sea level. Further proceedings are being held in abeyance pending the adoption of adequate Lake Level Legislation.

FOREST LAKE - (Bloomfield Township)

ISLAND LAKE - (Bloomfield Township)

LOWER LONG LAKE - (Bloomfield Township)

Resolution was adopted by the County Board of Supervisors on May 3, 1957, directing the Corporation Counsel to institute proceedings to determine the lake level under provisions of Act No. 194. Further action deferred pending adequate Lake Level Legislation.

DUCK LAKE - (Highland Township)

BEVINS LAKE - (Holly Township)

CEDAR ISLAND LAKE - (White Lake Township)

Resolutions introduced by the respective Township Supervisors were presented to the Board of Supervisors and adopted at the meeting held August 26, 1957. The matter was referred to the Drain Committee. Further action deferred pending the passage of adequate Lake Level Legislation.

SYLVAN LAKE - (Waterford Township, West Bloomfield Township,
City of Sylvan Lake and City of Pontiac)

Petitions were filed under the provisions of Act No. 276 on September 17, 1953. These petitions represented only 36.5 percent of lake frontage ownership. Supplemental petitions were issued but these have not been filed.

WATKINS LAKE - (Waterford Township)

Application for establishment of Special Assessment District filed July 21, 1959, under Act No. 319 of Public Acts of 1941. Application was found to be of sufficiency and amount of deposit required is being determined.

PETITION FOR RE-LOCATING A PORTION
OF A COUNTY DRAIN.

GARNER DRAIN - (Township of Rose)

Petition to relocate filed July 21, 1959, by interested property owners. The petition was of sufficiency under the Statute and preliminary engineering studies are presently being worked on.

PETITIONS TO ABANDON A COUNTY DRAIN
OR ANY PORTION THEREOF.

LAWSON EXTENSION DRAIN - (City of Madison Heights)

Petition to abandon a portion of this drain was filed by the City of Madison Heights (together with resolution) on February 5, 1959.

Order to abandon such portion issued by Drain Commissioner under date of February 24, 1959. Notices of such abandonment were posted within the area on February 25, 1959, and became effective as of March 20, 1959.

HUBBARD DRAIN - (City of Southfield)

Petition to abandon the Hubbard Drain in its entirety filed by property owners on September 4, 1959. No action taken as of date of this Report.

PETITION TO TRANSFER JURISDICTION OF
COUNTY DRAIN LYING WHOLLY WITHIN
A MUNICIPALITY.

HUGO SCHERER DRAIN - (City of Ferndale)

Petition was filed by City of Ferndale under resolution dated May 1, 1959, for the transfer of jurisdiction under Chapter 17, Section 395, of Act No. 40, Public Acts of 1956. A copy of the petition was mailed to Corporation Counsel who will prepare an appropriate resolution for presentation to the Board of Supervisors.

DECKER DRAIN - (City of Hazel Park)

Petition filed by the City of Hazel Park under resolution dated March 9, 1959. The Drain Commissioner was authorized by the Board of Supervisors under Miscellaneous Resolution No. 3515 dated April 27, 1959, to relinquish jurisdiction to the City of Hazel Park of the Decker Drain and Drainage District therefor.

SECTION 111

FINANCIAL

INDEX

Schedule I	Drain and Revolving Fund Statement of Cash Receipts and Disbursements	27 - 65
	Drain and Revolving Fund Total Receipts and Disbursements	66
Schedule II	Record of Outstanding Drain Orders and County Loans	67
	Program for the Recovery of Drain Revolving Fund Monies	68 - 72
Schedule III	Drain Redemption Fund Statement of Cash Receipts and Disbursements	73 - 74
Schedule IV	Record of Outstanding Bonds	75
Schedule V	Red Run Drain Balance Sheet	76
Schedule VI	Red Run Drain Statement of Cash Receipts and Disbursements	77

SCHEDULE I

OAKLAND COUNTY DRAIN COMMISSIONER
FINANCIAL STATEMENTS OF DRAIN ACCOUNTS
AS OF SEPTEMBER 30, 1959

The following statement of cash receipts and disbursements reflects the cash status of the drain districts from October 1, 1958 thru September 30, 1959 and is filed to comply with Section II of Chapter II of the Drain Code.

For the purpose of this report, receipts and disbursements of the Drain Fund and the Drain Revolving Fund have been combined as to individual drains.

It may or may not reflect the entire financial status of the several drain districts, depending upon the unpaid drain orders, drain bonds or County loans. These liabilities are covered in Schedules II and IV. Details of any Drain District are available in the office of the Drain Commissioner. Amounts due the Drain Revolving Fund are indicated by the minus signs.

(-Sign Designates Revolving
Fund Monies Used)

	<u>Acacia Park</u>	<u>Adams Ave.</u>	<u>Allen</u>	<u>Amy</u>	<u>Artesian</u>	<u>Arthur</u>
CASH BALANCE 10-1-58	<u>\$ 6,935.97</u>	<u>\$ 1,919.58</u>	<u>\$ 88.84</u>	<u>\$ -0-</u>	<u>\$- 1,419.61</u>	<u>\$ 419.78</u>
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
	<u>\$ 6,935.97</u>	<u>\$ 1,919.58</u>	<u>\$ 88.84</u>	<u>\$ -0-</u>	<u>\$- 1,419.61</u>	<u>\$ 419.78</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll					5,360.55	
Mileage					47.38	
Engineering & Office Supplies					154.77	
Photostats, Blueprints, Etc.					34.22	
Outside Engineering Fees					5,385.75	
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses					251.22	
Maintenance Costs:						
Payroll	536.49	446.07		133.17		
Mileage	41.38	19.20	12.90	12.59		6.60
Fringe Benefits	112.66	54.42		9.18		
Equipment Rental	25.00	21.70				
Materials & Supplies	28.16	80.70	2.81			
Other Expenses		.71		.64		
TOTAL DISBURSEMENTS	<u>\$ 743.69</u>	<u>\$ 622.80</u>	<u>\$ 15.71</u>	<u>\$ 155.58</u>	<u>\$*11,233.89</u>	<u>\$ 6.60</u>
CASH BALANCE 9-30-59	<u>\$ 6,192.28</u>	<u>\$ 1,296.78</u>	<u>\$ 73.13</u>	<u>\$- 155.58</u>	<u>\$-12,653.50</u>	<u>\$ 413.18</u>

*NOTE: These disbursements have accumulated since December 4, 1956 when special advance appropriation was made and do not reflect only 1959 expenditures.

(-Sign Designates Revolving
Fund Monies Used)

	Auburn Heights	Axford	Bailey	Bald Eagle Lake	Baldwin	Bare
CASH BALANCE 10-1-58	\$ 243.53	\$- 2,850.39	\$ 3,103.68	\$- 150.64	\$ 2,208.62	\$ 4.26
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-
	\$ 243.53	\$- 2,850.39	\$ 3,103.68	\$- 150.64	\$ 2,208.62	\$ 4.26
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll		346.84				
Mileage		18.46				
Engineering & Office Supplies		6.55				
Photostats, Blueprints, Etc.		5.12				
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses		11.70				
Maintenance Costs:						
Payroll			14.31	387.72		
Mileage			4.34	73.26		2.80
Fringe Benefits				13.32		
Equipment Rental				21.50		
Materials & Supplies				47.85		
Other Expenses				1.80		
TOTAL DISBURSEMENTS	\$ -0-	\$ 388.67	\$ 18.65	\$ 545.45	\$ -0-	\$ 2.80
CASH BALANCE 9-30-59	\$ 243.53	\$- 3,239.06	\$ 3,085.03	\$- 696.09	\$ 2,208.62	\$ 1.46

(-Sign Designates Revolving
Fund Monies Used)

CASH BALANCE 10-1-58

	Barker Bailey	Bear Creek	Bear Creek Extension	Beaver Creek & Branches	Beck Road	Beverly Manor #1 S.S.
	\$ 2,254.10	\$- 385.72	\$ -0-	\$- 3,893.66	\$- 1,122.96	\$- 3,049.70

RECEIPTS:

Advances

Drain Taxes Collected

Reimbursements

Tap Permits

Other Receipts

32.07

TOTAL RECEIPTS

	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	154.16
	\$ 2,254.10	\$- 385.72	\$ -0-	\$- 3,893.66	\$- 1,122.96	\$ 186.23
						\$ 2,863.47

DISBURSEMENTS:

Construction Work in Progress:

Payroll

Mileage

Engineering & Office Supplies

Photostats, Bleuprints, Etc.

Outside Engineering Fees

Amount Paid Contractor

Legal & Coordinating Services

Return of Advance

Other Expenses

870.19

37.44

12.89

255.02

47.04

41.88

2,502.95

149.41

17.25

23.58

60.00

178.03

Maintenance Costs:

Payroll

Mileage

Fringe Benefits

Equipment Rental

Materials & Supplies

Other Expenses

88.10

5.92

9.89

8.60

.98

7.92

569.70

141.68

100.20

29.40

.67

448.51

TOTAL DISBURSEMENTS

CASH BALANCE 9-30-59

	\$ 113.49	\$ 1,222.58	\$ 7.92	\$ 41.88	\$ 2,931.22	\$ 1,290.16
	\$ 2,140.61	\$- 1,608.30	\$- 7.92	\$- 3,935.54	\$- 4,054.18	\$- 4,153.63

(-Sign Designates Revolving
Fund Monies Used)

	<u>Big Meadows</u>	<u>Birdsland</u>	<u>Bloomfield #2</u>	<u>Bloomfield Highland</u>	<u>Bloomfield Village #2</u>	<u>Boggs</u>
CASH BALANCE 10-1-58	\$ 296.58	\$ 504.35	\$- 26.51	\$- 308.05	\$ 97.52	\$- 256.73
RECEIPTS:						
Advances						
Drain Taxes Collected		23.90				
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	<u>\$ -0-</u>	<u>\$ 23.90</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
	<u>\$ 296.58</u>	<u>\$ 528.25</u>	<u>\$- 26.51</u>	<u>\$- 308.05</u>	<u>\$ 97.52</u>	<u>\$- 256.73</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll		624.25		384.01		
Mileage		32.78	1.80	35.24		
Fringe Benefits		121.69		5.53		
Equipment Rental		193.40		50.00		
Material & Supplies						
Other Expenses						
TOTAL DISBURSEMENTS	<u>\$ -0-</u>	<u>\$ 972.12</u>	<u>\$ 1.80</u>	<u>\$ 474.78</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
CASH BALANCE 9-30-59	<u>\$ 296.58</u>	<u>\$- 443.87</u>	<u>\$- 28.31</u>	<u>\$- 782.83</u>	<u>\$ 97.52</u>	<u>\$- 256.73</u>

(-Sign Designates Revolving
Fund Monies Used)

	<u>Booth</u>	<u>Boyd</u>	<u>Broadacre</u>	<u>Brooklands</u>	<u>Brown</u>	<u>Campbell</u>
CASH BALANCE 10-1-58	<u>\$- 3,036.72</u>	<u>\$ 34.00</u>	<u>\$ 49.33</u>	<u>\$ 428.19</u>	<u>\$ -0-</u>	<u>\$ 7,166.17</u>
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
	<u>\$- 3,036.72</u>	<u>\$ 34.00</u>	<u>\$ 49.33</u>	<u>\$ 428.19</u>	<u>\$ -0-</u>	<u>\$ 7,166.17</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll		119.84	415.91		457.91	80.31
Mileage		20.62	61.18		21.76	56.94
Fringe Benefits		25.17	22.92		1.66	16.87
Equipment Rental			35.70			
Material & Supplies					5.18	
Other Expenses			.94			
TOTAL DISBURSEMENTS	<u>\$ -0-</u>	<u>\$ 165.63</u>	<u>\$ 536.65</u>	<u>\$ -0-</u>	<u>\$ 486.51</u>	<u>\$ 154.12</u>
CASH BALANCE 9-30-59	<u>\$- 3,036.72</u>	<u>\$- 131.63</u>	<u>\$- 487.32</u>	<u>\$ 428.19</u>	<u>\$- 486.51</u>	<u>\$ 7,012.05</u>

(-Sign Designates Revolving
Fund Monies Used)

CASH BALANCE 10-1-58

Campbell Rd. & Red Run Improvement	Campbell 1952 Clean Out	Carr Killian	Clarence - ville	Clarenceville Ext. Cambridge	Clark
\$ 14,982.09	\$ 9,892.09	\$ 5.00	\$ 696.57	\$ 1,802.00	\$ 56.55

RECEIPTS:

Advances

Drain Taxes Collected

Reimbursements

Tap Permits

Other Receipts

TOTAL RECEIPTS

\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 356.77	\$ -0-
\$ 14,982.09	\$ 9,892.09	\$ 5.00	\$ 696.57	\$ 2,158.77	\$ 56.55

DISBURSEMENTS:

Construction Work in Progress:

Payroll

Mileage

Engineering & Office Supplies

Photostats, Blueprints, Etc.

Outside Engineering Fees

Amount Paid Contractor

Legal & Coordinating Services

Return of Advance

Other Expenses

Maintenance Costs:

Payroll

Mileage

Fringe Benefits

Equipment Rental

Material & Supplies

Other Expenses

TOTAL DISBURSEMENTS

CASH BALANCE 9-30-59

853.43			123.12	145.29	
113.72			9.52	59.18	
179.22			25.86	22.27	
118.95			4.00		
64.18				16.00	
\$ 1,329.50	\$ -0-	\$ -0-	\$ 162.50	\$ 242.74	\$ -0-
\$ 13,652.59	\$ 9,892.09	\$ 5.00	\$ 534.07	\$ 1,916.03	\$ 56.55

(-Sign Designates Revolving
Fund Monies Used)

	<u>Clawson</u>	<u>Clover Ridge</u>	<u>Coolidge</u>	<u>Cowden</u>	<u>Craft</u>	<u>Cromey Lockwood</u>
CASH BALANCE 10-1-58	\$ -0-	\$ 300.00	\$ 249.45	\$ 69.19	\$ 394.48	\$ 954.34

RECEIPTS:

Advances
Drain Taxes Collected
Reimbursements
Tap Permits
Other Receipts
TOTAL RECEIPTS

	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-
	\$ -0-	\$ 300.00	\$ 249.45	\$ 69.19	\$ 394.48	\$ 954.34

DISBURSEMENTS:

Construction Work in Progress:
Payroll
Mileage
Engineering & Office Supplies
Photostats, Blueprints, Etc.
Outside Engineering Fees
Amount Paid Contractor
Legal & Coordinating Services
Return of Advance
Other Expenses

Maintenance Costs:

Payroll	322.10		75.45		86.46	509.19
Mileage	41.54		20.14		12.32	1.50
Fringe Benefits	67.64					98.21
Equipment Rental	118.10					
Material & Supplies					.64	
Other Expenses						

TOTAL DISBURSEMENTS	\$ 549.38	\$ -0-	\$ 95.59	\$ -0-	\$ 99.42	\$ 608.90
CASH BALANCE 9-30-59	\$ 549.38	\$ 300.00	\$ 153.86	\$ 69.19	\$ 493.90	\$ 345.44

(-Sign Designates Revolving
Fund Monies Used)

	<u>Davis</u>	<u>Decker</u>	<u>De Conick</u>	<u>Diamond S.S.</u>	<u>Diesing</u>	<u>Drahner</u>
CASH BALANCE 10-1-58	<u>\$- 1,618.38</u>	<u>\$ 956.86</u>	<u>\$ -0-</u>	<u>\$- 124.50</u>	<u>\$ 528.96</u>	<u>\$ 183.35</u>
RECEIPTS:						
Advances						
Drain Taxes Collected	2,753.01					
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	<u>\$ 2,753.01</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
	<u>\$ 1,134.63</u>	<u>\$ 956.86</u>	<u>\$ -0-</u>	<u>\$- 124.50</u>	<u>\$ 528.96</u>	<u>\$ 183.35</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll		606.16	121.23			
Mileage	10.46	29.96	10.60		4.20	
Fringe Benefits	.87	48.91	1.66			
Equipment Rental						
Material & Supplies		270.96				
Other Expenses		.40				
TOTAL DISBURSEMENTS	<u>\$ 11.33</u>	<u>\$ 956.39</u>	<u>\$ 133.49</u>	<u>\$ -0-</u>	<u>\$ 4.20</u>	<u>\$ -0-</u>
CASH BALANCE 9-30-59	<u>\$ 1,123.30</u>	<u>\$ 0.47</u>	<u>\$- 133.49</u>	<u>\$- 124.50</u>	<u>\$ 524.76</u>	<u>\$ 183.35</u>

(-Sign Designates Revolving
Fund Monies Used)

	Drayton Plains & Extension	Dry Run	Dun Scotus	Dutton	E. Clawson S.S.	East Walton
CASH BALANCE 10-1-58	<u>\$-14,053.55</u>	<u>\$ -0-</u>	<u>\$- 38.68</u>	<u>\$ 41.27</u>	<u>\$ 557.81</u>	<u>\$- 1,883.91</u>
RECEIPTS:						
Advances						
Drain Taxes Collected	14,500.00					
Reimbursements						
Tap Permits						
Other Receipts			9.92			
TOTAL RECEIPTS	<u>\$ 14,500.00</u>	<u>\$ -0-</u>	<u>\$ 9.92</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
	<u>\$ 446.45</u>	<u>\$ -0-</u>	<u>\$- 28.76</u>	<u>\$ 41.27</u>	<u>\$ 557.81</u>	<u>\$- 1,883.91</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expense						
Maintenance Costs:						
Payroll	648.91	407.21		160.56	225.40	
Mileage	46.86	39.84		31.80	26.52	
Fringe Benefits	111.90	19.64		26.30	29.31	
Equipment Rental	165.40				16.00	
Materials & Supplies						
Other Expenses	.70	2.02		.71		
TOTAL DISBURSEMENTS	<u>\$ 973.77</u>	<u>\$ 468.71</u>	<u>\$ -0-</u>	<u>\$ 219.37</u>	<u>\$ 297.23</u>	<u>\$ -0-</u>
CASH BALANCE 9-30-59	<u>\$- 527.32</u>	<u>\$- 468.71</u>	<u>\$- 28.76</u>	<u>\$- 178.10</u>	<u>\$ 260.58</u>	<u>\$- 1,883.91</u>

(-Sign Designates Revolving
Fund Monies Used)

	8 Mile Road Storm Drain	El Dorado	Electric Park	11 Mile Rd. Extension	Fenley	Ferry
CASH BALANCE 10-1-58	<u>\$- 6,098.12</u>	<u>\$ 3,303.77</u>	<u>\$ 211.95</u>	<u>\$ 12,009.87</u>	<u>\$ 39.54</u>	<u>\$ 25.15</u>
RECEIPTS:						
Advances						
Drain Taxes Collected	360,000.00					
Reimbursements						
Tap Permits						
Other Receipts	180.00					
TOTAL RECEIPTS	<u>\$360,180.00</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
	<u>\$354,081.88</u>	<u>\$ 3,303.77</u>	<u>\$ 211.95</u>	<u>\$ 12,009.87</u>	<u>\$ 39.54</u>	<u>\$ 25.15</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll	17,313.61					
Mileage	355.35					
Engineering & Office Supplies	484.49					
Photostats, Blueprints, Etc.	4,695.65					
Outside Engineering Fees	19,320.00					
Amount Paid Contractor						
Legal & Coordinating Services	55.00					
Return of Advance	45.00					
Other Expenses	3,959.93					
Maintenance Costs:						
Payroll				347.15		
Mileage				22.06		3.20
Fringe Benefits				46.97		
Equipment Rental						
Materials & Supplies				13.16		
Other Expenses						
TOTAL DISBURSEMENTS	<u>\$*46,229.03</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ 429.34</u>	<u>\$ -0-</u>	<u>\$ 3.20</u>
CASH BALANCE 9-30-59	<u>\$307,852.85</u>	<u>\$ 3,303.77</u>	<u>\$ 211.95</u>	<u>\$ 11,580.53</u>	<u>\$ 39.54</u>	<u>\$ 21.95</u>

*NOTE: These disbursements have accumulated since December 4, 1956 when special advance appropriation was made and do not reflect only 1959 expenditures.

(-Sign Designates Revolving
Fund Monies Used)

	<u>Fetterly</u>	<u>Five Points</u>	<u>Four Towns</u>	<u>Frances</u>	<u>Franklin</u>	<u>Franklin Knolls S.S.</u>
CASH BALANCE 10-1-58	\$ 27.76	\$- 791.88	\$ -0-	\$- 140.00	\$- 17.87	\$- 979.14
RECEIPTS:						
Advances						
Drain Taxes Collected		452.46				
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ 452.46	\$ -0-	\$ -0-	\$ -0-	\$ -0-
	\$ 27.76	\$- 339.42	\$ -0-	\$- 140.00	\$- 17.87	\$- 979.14
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll			31.00	593.17	195.56	
Mileage		4.20	7.50	1.12	20.08	
Fringe Benefits			6.51		41.07	
Equipment Rental					65.90	
Material & Supplies				15.72		
Other Expenses				4.86	.65	
TOTAL DISBURSEMENTS	\$ -0-	\$ 4.20	\$ 45.01	\$ 614.87	\$ 323.26	\$ -0-
CASH BALANCE 9-30-59	\$ 27.76	\$- 343.62	\$- 45.01	\$- 754.87	\$- 341.13	\$- 979.14

(-Sign Designates Revolving
Fund Monies Used)

	<u>Fulton</u>	<u>Galloway</u>	<u>Galloway Lake Farms</u>	<u>Garfield</u>	<u>Garner</u>	<u>German</u>
CASH BALANCE 10-1-58	\$ 70.00	\$ -0-	\$ 3,029.77	\$- 5,987.93	\$ 192.75	\$ -0-
RECEIPTS:						
Advances						
Drain Taxes Collected				1,981.45		
Reimbursements		.02				
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$.02	\$ -0-	\$ 7,981.45	\$ -0-	\$ -0-
	\$ 70.00	\$.02	\$ 3,029.77	\$ 1,993.52	\$ 192.75	\$ -0-
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll				13.54		
Mileage				6.64		
Engineering & Office Supplies				56.84		
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor				5,087.74		
Legal & Coordinating Services						
Return of Advance						
Other Expenses				1.99		
Maintenance Costs:						
Payroll		207.18	821.64		138.54	305.24
Mileage		45.16	132.16		40.72	8.50
Fringe Benefits		12.11	93.82		12.29	
Equipment Rental			144.00			
Materials & Supplies		5.56	92.89			7.24
Other Expenses		7.71				
TOTAL DISBURSEMENTS	\$ -0-	\$ 277.72	\$ 1,284.51	\$ 5,166.75	\$ 191.55	\$ 320.98
CASH BALANCE 9-30-59	\$ 70.00	\$- 277.70	\$ 1,745.26	\$- 3,173.23	\$ 1.20	\$- 320.98

(-Sign Designates Revolving
Fund Monies Used)

	<u>Gibson</u>	<u>Gladwin</u>	<u>Glendale</u>	<u>Gordon</u>	<u>Gougeon</u>	<u>Graves</u>
CASH BALANCE 10-1-58	\$ -0-	\$ 101.90	\$ 408.39	\$ 97.43	\$- 4,386.05	\$- 21.60
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
	<u>\$ -0-</u>	<u>\$ 101.90</u>	<u>\$ 408.39</u>	<u>\$ 97.43</u>	<u>\$- 4,386.05</u>	<u>\$- 21.60</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage					1.53	
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll	44.49		218.48			
Mileage			19.36			
Fringe Benefits			45.88			
Equipment Rental			42.00			
Materials & Supplies						
Other Expenses						
TOTAL DISBURSEMENTS	<u>\$ 44.49</u>	<u>\$ -0-</u>	<u>\$ 325.72</u>	<u>\$ -0-</u>	<u>\$ 1.53</u>	<u>\$ -0-</u>
CASH BALANCE 9-30-59	<u>\$- 44.49</u>	<u>\$ 101.90</u>	<u>\$ 82.67</u>	<u>\$ 97.43</u>	<u>\$- 4,387.58</u>	<u>\$- 21.60</u>

(-Sign Designates Revolving
Fund Monies Used)

	<u>Greenaway</u>	<u>Greenfield</u>	<u>Green Oak #1</u>	<u>Griffin</u>	<u>Grobbel</u>	<u>Hall</u>
CASH BALANCE 10-1-58	\$- 670.85	\$ 267.10	\$ 18.90	\$- 59.64	\$ 689.78	\$ 26.29
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-
	\$- 670.85	\$ 267.10	\$ 18.90	\$- 59.64	\$ 689.78	\$ 26.29
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll	116.74					
Mileage	5.52			10.80		
Fringe Benefits	17.91					
Equipment Rental	3.20					
Materials & Supplies						
Other Expenses						
TOTAL DISBURSEMENTS	\$ 143.37	\$ -0-	\$ -0-	\$ 10.80	\$ -0-	\$ -0-
CASH BALANCE 9-30-59	\$- 814.22	\$ 267.10	\$ 18.90	\$- 70.44	\$ 689.78	\$ 26.29

(-Sign Designates Revolving
Fund Monies Used)

	<u>Halsey</u>	<u>Harmony</u>	<u>Hawks</u>	<u>Hawthorne</u>	<u>Hazel</u>	<u>Herring</u>
CASH BALANCE 10-1-58	\$ 13.00	\$ -0-	\$ 82.47	\$ 694.04	\$ 359.35	\$- 25.50
RECEIPTS:						
Advances						
Drain Taxes Collected					394.34	
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 394.34	\$ -0-
	\$ 13.00	\$ -0-	\$ 82.47	\$ 694.04	\$ 753.69	\$- 25.50
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll		207.68		811.86	2,234.70	2.57
Mileage		8.30		100.74	348.16	9.28
Fringe Benefits		3.11		167.94	197.93	
Equipment Rental					353.20	
Materials & Supplies					133.16	
Other Expenses					76.25	1.50
TOTAL DISBURSEMENTS	\$ -0-	\$ 219.09	\$ -0-	\$ 1,080.54	\$ 3,343.40	\$ 13.35
CASH BALANCE 9-30-59	\$ 13.00	\$- 219.09	\$ 82.47	\$- 386.50	\$- 2,589.71	\$- 38.85

(-Sign Designates Revolving
Fund Monies Used)

	<u>Hill</u>	<u>Holcomb</u>	<u>Holden</u>	<u>Honeywell</u>	<u>Houghten</u>	<u>Howell</u>
CASH BALANCE 10-1-58	\$- 175.86	\$ 940.67	\$ 104.93	\$ 307.18	\$- 815.82	\$ 41.86
RECEIPTS:						
Advances						
Drain Taxes Collected		6.10				
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	<u>\$ -0-</u>	<u>\$ 6.10</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
	<u>\$- 175.86</u>	<u>\$ 946.77</u>	<u>\$ 104.93</u>	<u>\$ 307.18</u>	<u>\$- 815.82</u>	<u>\$ 41.86</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll		111.57			795.71	
Mileage		9.00			105.26	
Fringe Benefits		10.70			2.55	
Equipment Rental					60.00	
Materials & Supplies					66.88	
Other Expenses					12.86	
TOTAL DISBURSEMENTS	<u>\$ -0-</u>	<u>\$ 131.27</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ 1,043.26</u>	<u>\$ -0-</u>
CASH BALANCE 9-30-59	<u>\$- 175.86</u>	<u>\$ 815.50</u>	<u>\$ 104.93</u>	<u>\$ 307.18</u>	<u>\$- 1,859.08</u>	<u>\$ 41.86</u>

(-Sign Designates Revolving
Fund Monies Used)

	<u>Hubbard</u>	<u>Huber</u>	<u>Hugo Scherer</u>	<u>Humphrey</u>	<u>Josephine</u>	<u>Keego Harbor</u>
CASH BALANCE 10-1-58	\$- 33.26	\$ 35.88	\$ 1,712.77	\$ 416.26	\$ 1.29	\$- 2,653.17
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts					9.16	1,997.29
TOTAL RECEIPTS	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ 9.16</u>	<u>\$ 1,997.29</u>
	<u>\$- 33.26</u>	<u>\$ 35.88</u>	<u>\$ 1,712.77</u>	<u>\$ 416.26</u>	<u>\$ 10.45</u>	<u>\$- 655.88</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll			61.89	68.18	41.01	381.00
Mileage	13.42		4.52	7.10	.56	10.78
Fringe Benefits			3.11	9.33	8.61	73.51
Equipment Rental						26.66
Materials & Supplies						35.59
Other Expenses						
TOTAL DISBURSEMENTS	<u>\$ 13.42</u>	<u>\$ -0-</u>	<u>\$ 69.52</u>	<u>\$ 84.61</u>	<u>\$ 50.18</u>	<u>\$ 527.54</u>
CASH BALANCE 9-30-59	<u>\$- 46.68</u>	<u>\$ 35.88</u>	<u>\$ 1,643.25</u>	<u>\$ 331.65</u>	<u>\$- 39.73</u>	<u>\$- 1,183.42</u>

(-Sign Designates Revolving
Fund Monies Used)

CASH BALANCE 10-1-58

	Kentfield S.S.	Kirkshire	Krohn	Kutchey	Lakeville L.L. Control	Lancaster
	\$- 576.06	\$- 663.79	\$ 46.66	\$ 269.03	\$- 1,823.99	\$ 280.34

RECEIPTS:

Advances
Drain Taxes Collected
Reimbursements
Tap Permits
Other Receipts
TOTAL RECEIPTS

	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-
	\$- 576.06	\$- 663.79	\$ 46.66	\$ 269.03	\$- 1,823.99	\$ 280.34

DISBURSEMENTS:

Construction Work in Progress:
Payroll
Mileage
Engineering & Office Supplies
Photostats, Blueprints, Etc.
Outside Engineering Fees
Amount Paid Contractor
Legal & Coordinating Services
Return of Advance
Other Expenses

Maintenance Costs:

Payroll
Mileage
Fringe Benefits
Equipment Rental
Materials & Supplies
Other Expenses

TOTAL DISBURSEMENTS
CASH BALANCE 9-30-59

	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 15.52	\$ -0-
	\$- 576.06	\$- 663.79	\$ 46.66	\$ 269.03	\$- 1,840.21	\$ 280.34

(-Sign Designates Revolving
Fund Monies Used)

	<u>Lane</u>	<u>La Salle Park</u>	<u>Lawson</u>	<u>Leon</u>	<u>Lincoln</u>	<u>Linden</u>
CASH BALANCE 10-1-58	\$- 389.92	\$ 108.01	\$ 515.33	\$ 417.76	\$ 340.43	\$ 353.71
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-
	\$- 389.92	\$ 108.01	\$ 515.33	\$ 417.76	\$ 340.43	\$ 353.71
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll	392.30	37.19	405.11	14.13	61.22	20.13
Mileage	7.30	6.46	70.78	2.80	2.30	
Fringe Benefits		7.81	84.07	2.97	8.18	4.22
Equipment Rental			7.50			
Materials & Supplies	2.92		28.92			
Other Expenses	8.84		1.73			
TOTAL DISBURSEMENTS	\$ 411.36	\$ 51.46	\$ 598.11	\$ 19.90	\$ 71.70	\$ 24.35
CASH BALANCE 9-30-59	\$- 801.28	\$ 56.55	\$- 82.78	\$ 397.86	\$ 268.73	\$ 329.36

(-Sign Designates Revolving
Fund Monies Used)

	<u>Lochaven</u>	<u>Long Lake L. Control</u>	<u>Lucas</u>	<u>Lyon #1</u>	<u>Mc Clain</u>	<u>Mc Clelland</u>
CASH BALANCE 10-1-58	\$ 41.16	\$ 196.36	\$ 54.71	\$ 59.31	\$ 45,774.27	\$ 248.45
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-
	\$ 41.16	\$ 196.36	\$ 54.71	\$ 59.31	\$ 45,774.27	\$ 248.45
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expense						
Maintenance Costs:						
Payroll					189.64	20.50
Mileage	31.54				26.34	3.36
Fringe Benefits					33.34	
Equipment Rental						
Materials & Supplies					129.22	
Other Expenses						
TOTAL DISBURSEMENTS	\$ 31.54	\$ -0-	\$ -0-	\$ -0-	\$ 378.54	\$ 23.86
CASH BALANCE 9-30-59	\$ 9.62	\$ 196.36	\$ 54.71	\$ 59.31	\$ 45,395.73	\$ 224.59

(-Sign Designates Revolving
Fund Monies Used)

	<u>Mc Clung</u>	<u>Mc Clure</u>	<u>Mc Coy</u>	<u>Mc Dowell</u>	<u>Mc Ginnis</u>	<u>Mc Ivor</u>
CASH BALANCE 10-1-58	\$ 193.21	\$ 186.15	\$ 625.70	\$ 398.96	\$ 4,000.00	\$ 202.52
RECEIPTS:						
Advances				4,000.00		
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ 4,000.00	\$ -0-	\$ -0-
	\$ 193.21	\$ 186.15	\$ 625.70	\$ 4,398.96	\$ 4,000.00	\$ 202.52
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll					5,736.40	
Mileage					57.86	
Engineering & Office Supplies					168.76	
Photostats, Blueprints, Etc.					1,349.78	
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance	300.00					
Other Expenses					54.44	
Maintenance Costs:						
Payroll	58.67			114.07		13.15
Mileage	5.30			16.92		1.40
Fringe Benefits	12.32			1.62		2.76
Equipment Rental						
Materials & Supplies						
Other Expenses						
TOTAL DISBURSEMENTS	\$ 376.29	\$ -0-	\$ -0-	\$ 132.61	\$ 7,367.24	\$ 17.31
CASH BALANCE 9-30-59	\$- 183.08	\$ 186.15	\$ 625.70	\$ 4,266.35	\$- 3,367.24	\$ 185.21

(-Sign Designates Revolving
Fund Monies Used)

	<u>Mc Kinley</u>	<u>Maplehurst</u>	<u>Maple Point</u>	<u>Marshall</u>	<u>Martha Wash. Extension</u>	<u>Maynard</u>
CASH BALANCE 10-1-58	\$ -0-	\$ 449.13	\$- 940.85	\$ 34,485.27	\$ 1,455.35	\$ 253.83
RECEIPTS:						
Advances						
Drain Taxes Collected				1,010.90		
Reimbursements						
Tap Permits				25.00		
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ 1,035.90	\$ -0-	\$ -0-
	\$ -0-	\$ 449.13	\$- 940.85	\$ 35,521.17	\$ 1,455.35	\$ 253.83
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll	59.22	302.29		264.53	246.67	197.41
Mileage	7.82	19.94		30.42	51.66	19.72
Fringe Benefits	12.44	41.45		55.55	30.93	41.44
Equipment Rental					22.00	1.50
Materials & Supplies		5.82		99.11		
Other Expenses						
TOTAL DISBURSEMENTS	\$ 79.48	\$ 369.50	\$ -0-	\$ 449.61	\$ 351.26	\$ 260.07
CASH BALANCE 9-30-59	\$- 79.48	\$ 79.63	\$- 940.85	\$ 35,071.56	\$ 1,104.09	\$- 6.24

(-Sign Designates Revolving
Fund Monies Used)

	<u>Miller</u>	<u>Minnow Pond</u>	<u>Morgan</u>	<u>Muer</u>	<u>Murray</u>	<u>New Hudson</u>
CASH BALANCE 10-1-58	\$ -0-	\$ 22.92	\$- 714.56	\$- 349.72	\$ 19,422.70	\$ 519.10
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits					570.00	
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 570.00	\$ -0-
	\$ -0-	\$ 22.92	\$- 714.56	\$- 349.72	\$ 19,992.70	\$ 519.10
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll	295.82	682.46	23.69		182.99	
Mileage	8.50	17.10	9.10		20.62	
Fringe Benefits		28.52	4.97		27.53	
Equipment Rental						
Materials & Supplies	5.17				54.31	
Other Expenses					2.40	
TOTAL DISBURSEMENTS	\$ 309.49	\$ 728.08	\$ 37.76	\$ -0-	\$ 287.85	\$ -0-
CASH BALANCE 9-30-59	\$- 309.49	\$- 705.16	\$- 752.32	\$- 349.72	\$ 19,704.85	\$ 519.10

(-Sign Designates Revolving Fund Monies Used)

	<u>Northfield</u>	<u>Northland S.S.</u>	<u>Norton</u>	<u>Novi & Lyon</u>	<u>Novi & Lyon Branch #1</u>	<u>Oak Knob</u>
CASH BALANCE 10-1-58	\$ 163.67	\$- 98.64	\$ -0-	\$- 1,855.46	\$ 395.18	\$ 113.91
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts		739.93				
TOTAL RECEIPTS	\$ -0-	\$ 739.93	\$ -0-	\$ -0-	\$ -0-	\$ -0-
	\$ 163.67	\$ 641.29	\$ -0-	\$- 1,855.46	\$ 395.18	\$ 113.91
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll			15.58	104.69		34.60
Mileage			9.19	.72		2.34
Fringe Benefits			3.27	1.87		7.27
Equipment Rental						
Materials & Supplies				2.08		
Other Expenses		875.67		6.26		
TOTAL DISBURSEMENTS	\$ -0-	\$ 875.67	\$ 28.04	\$ 115.62	\$ -0-	\$ 44.21
CASH BALANCE 9-30-59	\$ 163.67	\$- 234.38	\$- 28.04	\$- 1,971.08	\$ 395.18	\$ 69.70

(-Sign Designates Revolving Fund Monies Used)

	Oakland Hills Orchard	Oakland Woodhull	O'Flaherty	Otter	Oxbow L.L.C.	Oxford Ave.
CASH BALANCE 10-1-58	<u>\$ 323.44</u>	<u>\$- 2,863.48</u>	<u>\$ 80.69</u>	<u>\$ 180.99</u>	<u>\$- 383.15</u>	<u>\$- 63.08</u>
RECEIPTS:						
Advances		7,500.00				
Drain Taxes Collected		72.32				
Reimbursements						
Tap Permits						
Other Receipts		25.00			94.07	
TOTAL RECEIPTS	<u>\$ -0-</u>	<u>\$ 7,597.32</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ 94.07</u>	<u>\$ -0-</u>
	<u>\$ 323.44</u>	<u>\$ 4,733.84</u>	<u>\$ 80.69</u>	<u>\$ 180.99</u>	<u>\$- 289.08</u>	<u>\$- 63.08</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll		5,056.28				
Mileage		603.91				
Engineering & Office Supplies		88.54				
Photostats, Blueprints, Etc.		43.58				
Outside Engineering Fees						
Amount Paid Contractor		2,086.45				
Legal & Coordinating Services						
Return of Advance						
Other Expenses		3,183.82				
Maintenance Costs:						
Payroll	66.40			12.46	34.50	40.01
Mileage	4.90			2.31	15.30	
Fringe Benefits	7.60			2.62	7.25	8.40
Equipment Rental						
Materials & Supplies					7.00	
Other Expenses				3.60		
TOTAL DISBURSEMENTS	<u>\$ 78.90</u>	<u>\$ 11,062.58</u>	<u>\$ -0-</u>	<u>\$ 20.99</u>	<u>\$ 64.05</u>	<u>\$ 48.41</u>
CASH BALANCE 9-30-59	<u>\$ 244.54</u>	<u>\$- 6,328.74</u>	<u>\$ 80.69</u>	<u>\$ 160.00</u>	<u>\$- 353.13</u>	<u>\$- 111.49</u>

(-Sign Designates Revolving
Fund Monies Used)

	<u>Paddison</u>	<u>Patterson Holly</u>	<u>Patton</u>	<u>Pearl</u>	<u>Perry</u>	<u>Pine</u>
CASH BALANCE 10-1-58	\$ 43.07	\$- 124.73	\$- 537.26	\$ -0-	\$ 236.38	\$ 51.73
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements				5.00		
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ 5.00	\$ -0-	\$ -0-
	\$ 43.07	\$- 124.73	\$- 537.26	\$ 5.00	\$ 236.38	\$ 51.73
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll	27.65	324.82	17.35	113.38		
Mileage	2.56	87.74		13.50		
Fringe Benefits		54.18		23.81		
Equipment Rental		15.00		49.00		
Material & Supplies		23.50				
Other Expenses		1.05				
TOTAL DISBURSEMENTS	\$ 30.21	\$ 506.29	\$ 17.35	\$ 199.69	\$ -0-	\$ -0-
CASH BALANCE 9-30-59	\$ 12.86	\$- 631.02	\$- 554.61	\$- 194.69	\$ 236.38	\$ 51.73

(-Sign Designates Revolving
Fund Monies Used)

	<u>Poinciana</u>	<u>Pontiac Creek Ext.</u>	<u>Pontiac L.L.C.</u>	<u>Red Run (Federal)</u>	<u>Red Run (Project 2)</u>	<u>Reid & Branch</u>
CASH BALANCE 10-1-58	\$ 258.20	\$ 604.73	\$ 167.16	\$- 3,043.24	\$- 3,516.01	\$- 46.60
RECEIPTS:						
Advances			1,713.00			
Drain Taxes Collected			15,073.73			
Reimbursements				10,238.60		
Tap Permits						
Other Receipts				90.00		
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ 16,786.73	\$ 10,328.60	\$ -0-	\$ -0-
	\$ 258.20	\$ 604.73	\$ 16,953.89	\$ 7,285.36	\$- 3,516.01	\$- 46.60
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll			508.36		8,897.48	
Mileage			191.26		445.15	
Engineering & Office Supplies			154.46		151.33	
Photostats, Blueprints, Etc.					77.80	
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services					250.80	
Return of Advance			8,609.39			
Other Expense			5,698.62		83.03	
Maintenance Costs:						
Payroll		79.58		7,562.95		305.32
Mileage	2.10	8.80		633.38		9.20
Fringe Benefits		14.30		525.47		
Equipment Rental				207.50		
Materials & Supplies				779.56		
Other Expenses				4,109.85		6.42
TOTAL DISBURSEMENTS	\$ 2.10	\$ 102.68	\$ 15,162.09	\$ 13,818.71	\$* 9,905.59	\$ 320.94
CASH BALANCE 9-30-59	\$ 256.10	\$ 502.05	\$ 1,791.80	\$- 6,533.35	\$-13,421.60	\$- 367.54

*NOTE: These disbursements have accumulated since December 4, 1956 when special advance appropriation was made and do not reflect only 1959 expenditures.

(-Sign Designates Revolving
Fund Monies Used)

	<u>Renshaw</u>	<u>Rouge #1</u>	<u>Royal Oak</u>	<u>Royal Oak #7</u>	<u>Royal Oak #9</u>	<u>Sanders</u>
CASH BALANCE 10-1-58	\$.04	\$- 8,518.91	\$ 6,102.21	\$ 227.69	\$ 173.00	\$ -0-
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits			3,585.00			
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ 3,585.00	\$ -0-	\$ -0-	\$ -0-
	\$.04	\$- 8,518.91	\$ 9,687.21	\$ 227.69	\$ 173.00	\$ -0-
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll		5,853.65				
Mileage		355.14				
Engineering & Office Supplies		192.05				
Photostats, Blueprints, Etc.		69.86				
Outside Engineering Fees		13.20				
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses		225.00				
Maintenance Costs:						
Payroll			1,032.83			42.71
Mileage			82.39			6.60
Fringe Benefits			134.30			8.97
Equipment Rental						
Material & Supplies			1.69			
Other Expenses			173.08			
TOTAL DISBURSEMENTS	\$ -0-	\$* 6,708.90	\$ 1,424.29	\$ -0-	\$ -0-	\$ 58.28
CASH BALANCE 9-30-59	\$.04	\$-15,227.81	\$ 8,262.92	\$ 227.69	\$ 173.00	\$- 58.28

*NOTE: These disbursements have accumulated since December 4, 1956 when special advance appropriation was made and do not reflect only 1959 expenditures.

(-Sign Designates Revolving
Fund Monies Used)

	<u>Sawyer</u>	<u>Schubiner</u>	<u>Schuler</u>	<u>Schwartz Creek</u>	<u>Shaberman</u>	<u>Shanahan</u>
CASH BALANCE 10-1-58	\$ 131.26	\$ 31,035.24	\$ 397.51	\$ 33.36	\$ 40,260.73	\$ 545.66
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-
	\$ 131.26	\$ 31,035.24	\$ 397.51	\$ 33.36	\$ 40,260.73	\$ 545.66
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll		43.31		37.21	60.14	
Mileage		5.50	5.12	16.80	29.38	
Fringe Benefits		1.37		.81		
Equipment Rental						
Materials & Supplies		45.10			74.45	
Other Expenses						
TOTAL DISBURSEMENTS	\$ -0-	\$ 95.28	\$ 5.12	\$ 54.82	\$ 163.97	\$ -0-
CASH BALANCE 9-30-59	\$ 131.26	\$ 30,939.96	\$ 392.39	\$ 21.46	\$ 40,096.76	\$ 545.66

(-Sign Designates Revolving
Fund Monies Used)

	<u>Sharkey</u>	<u>Sherman</u>	<u>Shoup</u>	<u>Sibley</u>	<u>Silvercrest</u>	<u>Sinclair</u>
CASH BALANCE 10-1-58	\$- 47.59	\$ 7,359.07	\$- 826.07	\$ 37.15	\$ 263.98	\$ 227.22
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-
	\$- 47.59	\$ 7,359.07	\$- 826.07	\$ 37.15	\$ 263.98	\$ 227.22
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll		305.72	2.57		147.76	75.23
Mileage		47.74			14.02	13.60
Fringe Benefits		52.82				15.80
Equipment Rental						
Material & Supplies		13.22				
Other Expenses						
TOTAL DISBURSEMENTS	\$ -0-	\$ 419.50	\$ 2.57	\$ -0-	\$ 158.78	\$ 104.63
CASH BALANCE 9-30-59	\$- 47.59	\$ 6,939.57	\$- 828.64	\$ 37.15	\$ 105.20	\$ 122.59

(-Sign Designates Revolving
Fund Monies Used)

	<u>Sir</u>	<u>Skae</u>	<u>Southfield #1</u>	<u>Southfield #2</u>	<u>Southfield #6</u>	<u>South Lyon #1</u>
CASH BALANCE 10-1-58	\$ 206.98	\$- 2,754.23	\$ 7,038.62	\$- 30.26	\$ 1,010.44	\$ 256.14
RECEIPTS:						
Advances						
Drain Taxes Collected				73.56		
Reimbursements						
Tap Permits				15.00	190.00	
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ -0-	\$ 88.56	\$ 190.00	\$ -0-
	\$ 206.98	\$- 2,754.23	\$ 7,038.62	\$ 58.30	\$ 1,200.44	\$ 256.14
DISBURSEMENTS:						
Construction Work In Progress:						
Payroll		480.11				
Mileage		.72				
Engineering & Office Supplies		8.11				
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll	26.41		480.63	806.83	3,292.76	
Mileage	3.12		70.38	118.96	403.54	
Fringe Benefits			84.36	163.22	607.40	
Equipment Rental			21.40	42.50	1,108.80	
Materials & Supplies			86.52		4.59	
Other Expenses			11.01		7.64	
TOTAL DISBURSEMENTS	\$ 29.53	\$ 488.94	\$ 754.30	\$ 1,131.51	\$ 5,424.73	\$ -0-
CASH BALANCE 9-30-59	\$ 177.45	\$- 3,243.17	\$ 6,284.32	\$- 1,073.21	\$- 4,224.29	\$ 256.14

(-Sign Designates Revolving
Fund Monies Used)

	<u>Special 210</u>	<u>Spencer</u>	<u>Sprague</u>	<u>Sturgis</u>	<u>Sump</u>	<u>Sunken Bridge</u>
CASH BALANCE 10-1-58	\$ 30.68	\$- 955.71	\$-12,686.86	\$- 3,258.46	\$ 24.41	\$- 283.92
RECEIPTS:						
Advances						
Drain Taxes Collected			26,204.65			
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ 26,204.65	\$ -0-	\$ -0-	\$ -0-
	\$ 30.68	\$- 955.71	\$ 13,517.79	\$- 3,258.46	\$ 24.41	\$- 283.92
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						4,207.63
Mileage						75.05
Engineering & Office Supplies						76.21
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor			22,200.00			
Legal & Coordinating Services						
Return of Advance						
Other Expenses						13.69
Maintenance Costs:						
Payroll		1,047.07	1,031.26	1,184.28	37.27	
Mileage		178.21	78.14	251.84	3.92	
Fringe Benefits		129.40	64.38	66.85	5.93	
Equipment Rental		33.80	10.00	35.00		
Materials & Supplies		45.31	33.75	36.93		
Other Expenses				6.64		
TOTAL DISBURSEMENTS	\$ -0-	\$ 1,433.79	\$ 23,417.53	\$ 1,581.54	\$ 47.12	\$ 4,372.58
CASH BALANCE 9-30-59	\$ 30.68	\$- 2,389.50	\$- 9,899.74	\$- 4,840.00	\$- 22.71	\$- 4,656.50

(-Sign Designates Revolving
Fund Monies Used)

	Swan	Sylvan L.L. Control	Taylor	A.J. Taylor	Taylor & Ladd	Tebeau
CASH BALANCE 10-1-58	<u>\$ 680.70</u>	<u>\$ 348.38</u>	<u>\$- 2,244.43</u>	<u>\$ -0-</u>	<u>\$- 73.31</u>	<u>\$ 355.58</u>
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
	<u>\$ 680.70</u>	<u>\$ 348.38</u>	<u>\$- 2,244.43</u>	<u>\$ -0-</u>	<u>\$- 73.31</u>	<u>\$ 355.58</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll	188.25		968.16	49.49		
Mileage	33.28	.40	129.20	5.76		1.30
Fringe Benefits	31.44		80.87	10.39		
Equipment Rental			626.77			
Materials & Supplies	30.92		9.25			
Other Expenses			209.18			
TOTAL DISBURSEMENTS	<u>\$ 283.89</u>	<u>\$.40</u>	<u>\$ 2,023.43</u>	<u>\$ 65.64</u>	<u>\$ -0-</u>	<u>\$ 1.30</u>
CASH BALANCE 9-30-59	<u>\$ 396.81</u>	<u>\$ 347.98</u>	<u>\$- 4,267.86</u>	<u>\$- 65.64</u>	<u>\$- 73.31</u>	<u>\$ 354.28</u>

(-Sign Designates Revolving
Fund Monies Used)

	10 $\frac{1}{2}$ Mile	Thurby	Tillden	Tipsico L.L. Control	Town Line	Triple
CASH BALANCE 10-1-58	<u>\$- 1,641.47</u>	<u>\$ 499.40</u>	<u>\$ 2,039.26</u>	<u>\$- 424.43</u>	<u>\$- 600.76</u>	<u>\$ 1,273.20</u>
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
	<u>\$- 1,641.47</u>	<u>\$ 499.40</u>	<u>\$ 2,039.26</u>	<u>\$- 424.43</u>	<u>\$- 600.76</u>	<u>\$ 1,273.20</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll	477.07					
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.	23.98					
Outside Engineering Fees	16,636.75					
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll		188.91	189.20	62.56	33.17	19.74
Mileage		27.94	17.36	4.96	4.00	2.40
Fringe Benefits			39.73	1.45	4.13	4.15
Equipment Rental						
Materials & Supplies			3.85			
Other Expenses						
TOTAL DISBURSEMENTS	<u>\$*17,137.80</u>	<u>\$ 216.85</u>	<u>\$ 250.14</u>	<u>\$ 68.97</u>	<u>\$ 41.30</u>	<u>\$ 26.29</u>
CASH BALANCE 9-30-59	<u>\$-18,779.27</u>	<u>\$ 282.55</u>	<u>\$ 1,789.12</u>	<u>\$- 493.40</u>	<u>\$- 642.06</u>	<u>\$ 1,246.91</u>

*NOTE: These disbursements have accumulated since December 4, 1956 when special advance appropriation was made and do not reflect only 1959 expenditures.

(-Sign Designates Revolving
Fund Monies Used)

	<u>Tulane</u>	<u>Tuttle</u>	<u>Twelve Towns Relief Drain</u>	<u>Unallocated</u>	<u>Underhill</u>	<u>Union Lake Level Control</u>
CASH BALANCE 10-1-58	\$- 135.89	\$ 324.66	\$ 20,067.41	\$ 102.93	\$- 881.00	\$- 225.49
RECEIPTS:						
Advances			29,066.14			
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts				137.75		
TOTAL RECEIPTS	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ 29,066.14</u>	<u>\$ 137.75</u>	<u>\$ -0-</u>	<u>\$ -0-</u>
	<u>\$- 135.89</u>	<u>\$ 324.66</u>	<u>\$ 49,133.55</u>	<u>\$ 240.68</u>	<u>\$- 881.00</u>	<u>\$- 225.49</u>
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll			3,734.02			
Mileage			194.88			
Engineering & Office Supplies			716.47			
Photostats, Blueprints, Etc.			64.98			
Outside Engineering Fees			11,000.00			
Amount Paid Contractor						
Legal & Coordinating Services			31,801.21			
Return of Advance						
Other Expenses			1,284.40			
Maintenance Costs:						
Payroll		68.33			11.68	288.81
Mileage		.88			5.88	24.63
Fringe Benefits		13.60			2.45	16.56
Equipment Rental				37.24		4.00
Materials & Supplies				64.51		8.24
Other Expenses				50.29		7.00
TOTAL DISBURSEMENTS	<u>\$ -0-</u>	<u>\$ 82.81</u>	<u>\$ 48,795.96</u>	<u>\$ 152.04</u>	<u>\$ 20.01</u>	<u>\$ 349.24</u>
CASH BALANCE 9-30-59	<u>\$- 135.89</u>	<u>\$ 241.85</u>	<u>\$ 337.59</u>	<u>\$ 88.64</u>	<u>\$- 901.01</u>	<u>\$- 574.73</u>

(-Sign Designates Revolving
Fund Monies Used)

	<u>U.S. 16</u>	<u>Van Maele</u>	<u>Vickers</u>	<u>Vinewood</u>	<u>Waldron</u>	<u>Walled Lake Level Control</u>
CASH BALANCE 10-1-58	\$ 176.21	\$- 1.67	\$ 2,581.31	\$- 322.03	\$ -0-	\$ 123.19
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts		9.79	25.00			
TOTAL RECEIPTS	\$ -0-	\$ 9.79	\$ 25.00	\$ -0-	\$ -0-	\$ -0-
	\$ 176.21	\$ 8.12	\$ 2,606.31	\$- 322.03	\$ -0-	\$ 123.19
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll	47.10	51.34	55.39	54.40	15.72	
Mileage	8.08	8.20	4.80	4.36	.72	
Fringe Benefits	6.49	10.78	9.55	5.63	3.30	
Equipment Rental						
Materials & Supplies			741.82			
Other Expenses			1,794.75			
TOTAL DISBURSEMENTS	\$ 61.67	\$ 70.32	\$ 2,606.31	\$ 64.39	\$ 19.74	\$ -0-
CASH BALANCE 9-30-59	\$ 114.54	\$- 62.20	\$ -0-	\$- 386.42	\$- 19.74	\$ 123.19

(-Sign Designates Revolving
Fund Monies Used)

	Walnut Ridge	Ward	Ward Orchards	Warner	Waskins	Webb
CASH BALANCE 10-1-58	\$ 133.10	\$ 293.68	\$ 32,012.51	\$ 83.72	\$ 30.27	\$- 57.11
RECEIPTS:						
Advances						
Drain Taxes Collected			47,876.60			
Reimbursements						
Tap Permits						
Other Receipts						
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ 47,876.60	\$ -0-	\$ -0-	\$ -0-
	\$ 133.10	\$ 293.68	\$ 79,889.11	\$ 83.72	\$ 30.27	\$- 57.11
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll			3,062.07			
Mileage			41.96			
Engineering & Office Supplies			120.34			
Photostats, Blueprints, Etc.			24.61			
Outside Engineering Fees						
Amount Paid Contractor			59,321.40			
Legal & Coordinating Services						
Return of Advance			300.00			
Other Expenses			227.07			
Maintenance Costs:						
Payroll		35.84				
Mileage		4.32				
Fringe Benefits		1.00				
Equipment Rental						
Material & Supplies						
Other Expenses		7.05				
TOTAL DISBURSEMENTS	\$ -0-	\$ 48.21	\$ 63,097.45	\$ -0-	\$ -0-	\$ -0-
CASH BALANCE 9-30-59	\$ 133.10	\$ 245.47	\$ 16,791.66	\$ 83.72	\$ 30.27	\$- 57.11

(-Sign Designates Revolving
Fund Monies Used)

	Wendover	West End	White & Duck Lake	Whitfield Pond	Wilson	Windemere
CASH BALANCE 10-1-58	\$ 95.25	\$ 887.61	\$- 1,091.19	\$- 2.21	\$ 496.51	\$ 48.69
RECEIPTS:						
Advances						
Drain Taxes Collected						
Reimbursements						
Tap Permits						
Other Receipts	100.00					
TOTAL RECEIPTS	\$ 100.00	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-
	\$ 195.25	\$ 887.61	\$- 1,091.19	\$- 2.21	\$ 496.51	\$ 48.69
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll						
Mileage						
Engineering & Office Supplies						
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses						
Maintenance Costs:						
Payroll	31.67	781.66	403.91	306.16	1,331.46	
Mileage	.80	66.26	2.64	48.36	259.88	
Fringe Benefits		109.78		1.31	212.86	
Equipment Rental		75.05	9.69		95.60	
Materials & Supplies		35.46		19.00	229.55	
Other Expenses		22.01	2.10	4.52		
TOTAL DISBURSEMENTS	\$ 32.47	\$ 1,090.22	\$ 418.34	\$ 379.35	\$ 2,129.35	\$ -0-
CASH BALANCE	\$ 162.78	\$- 202.61	\$- 1,509.53	\$- 381.56	\$- 1,632.84	\$ 48.69

(-Sign Designates Revolving
Fund Monies Used)

	<u>Wixom</u>	<u>Wolverine L.L.C.</u>	<u>Woolman & Wells</u>	<u>Wrey</u>	<u>Yerkes</u>	<u>Revolving Fund Appropriation</u>
CASH BALANCE 10-1-58	\$ 1,070.12	\$- 2,837.48	\$- 827.17	\$- 2,193.40	\$ 97.88	\$195,000.00
RECEIPTS:						
Advances						82,949.64
Drain Taxes Collected			565.31			
Reimbursements						
Tap Permits						
Other Receipts				150.00		
TOTAL RECEIPTS	\$ -0-	\$ -0-	\$ 565.31	\$ 150.00	\$ -0-	\$ 82,949.64
	\$ 1,070.12	\$- 2,837.48	\$- 261.86	\$- 2,043.40	\$ 97.88	\$277,949.64
DISBURSEMENTS:						
Construction Work in Progress:						
Payroll				1,472.80		
Mileage				119.69		
Engineering & Office Supplies				61.23		
Photostats, Blueprints, Etc.						
Outside Engineering Fees						
Amount Paid Contractor						
Legal & Coordinating Services						
Return of Advance						
Other Expenses				88.54		
Maintenance Costs:						
Payroll	1,713.64		19.92			
Mileage	231.68	3.36	9.12			
Fringe Benefits	112.16					
Equipment Rental	702.18					
Materials & Supplies	47.65					
Other Expenses	1.00					
TOTAL DISBURSEMENTS	\$ 2,808.31	\$ 3.36	\$ 29.04	\$ 1,742.26	\$ -0-	\$ -0-
CASH BALANCE 9-30-59	\$- 1,738.19	\$- 2,840.84	\$- 290.90	\$- 3,785.66	\$ 97.88	\$277,949.64

OAKLAND COUNTY DRAIN COMMISSIONER
DRAIN AND REVOLVING FUND
TOTAL RECEIPTS AND DISBURSEMENTS
FOR PERIOD 10-1-58 THRU 9-30-59

CASH BALANCE 10-1-58 \$ 431,600.09

RECEIPTS:

Advances	\$ 125,228.78
Drain Taxes Collected	477,377.17
Reimbursements	10,243.62
Tap Permits	4,180.00
Other Receipts	<u>3,927.07</u>

TOTAL RECEIPTS 10-1-58 to 9-30-59 \$ 620,956.64
\$ 1,052,556.73

DISBURSEMENTS:

Construction Work in Progress:

Payroll	65,935.43
Mileage	2,701.83
Engineering & Office Supplies	2,470.29
Photostats, Blueprints, Etc.	6,668.18
Outside Engineering Fees	52,355.70
Amount Paid Contractors	88,695.59
Legal & Coordinating Services	32,167.01
Return of Advance	9,254.39
Other Expenses	<u>15,308.52</u>

TOTAL CONSTRUCTION WORK IN PROGRESS \$ 275,556.94

Maintenance Costs:

Payroll	45,181.16
Mileage	5,345.82
Fringe Benefits	4,948.05
Equipment Rental	4,726.79
Materials & Supplies	3,438.20
Other Expenses	<u>7,873.05</u>

TOTAL MAINTENANCE \$ 71,513.07

TOTAL DISBURSEMENTS \$ 347,070.01

CASH BALANCE 9-30-59 \$ 705,486.72

OAKLAND COUNTY DRAIN COMMISSIONER
RECORD OF OUTSTANDING DRAIN ORDERS
SCHEDULE II

<u>Drain</u>	<u>Outstanding 10-1-58</u>	<u>Issued</u>	<u>Paid</u>	<u>Outstanding 9-30-59</u>
Garfield	\$ 9,286.72	\$ 728.06	\$ 4,853.74	\$ 5,161.04
Sprague	87,821.81	-0-	22,200.00	65,621.81
Ward Orchards	-0-	34,756.40	7,186.80	27,569.60
	<u>\$ 97,108.53</u>	<u>\$ 35,484.46</u>	<u>\$ 34,240.54</u>	<u>\$ 98,352.45</u>

RECORD OF OUTSTANDING COUNTY LOANS

<u>Drain</u>	<u>Outstanding 10-1-58</u>	<u>Loaned</u>	<u>Paid</u>	<u>Balance 9-30-59</u>
Pontiac Lake Level Control	\$ -0-	\$ 56,510.11	\$ 8,609.39	\$ 47,900.72
Oakland-Woodhull Lake Level Control	-0-	7,500.00	-0-	7,500.00
	<u>\$ -0-</u>	<u>\$ 64,010.11</u>	<u>\$ 8,609.39</u>	<u>\$ 55,400.72</u>

NOTE: These loans bear 6% interest per annum.

PROGRAM FOR THE RECOVERY OF
DRAIN REVOLVING FUND MONIES

In accordance with the Drain Commissioner's program for the recovery of expended Drain Revolving Fund monies, as outlined in the Annual Report for the year of 1957, certain County Drainage Districts are being assessed this year (1959 Tax Rolls) to cover the costs of emergency repairs, clean-out and improvement to these drains paid from the Drain Revolving Fund.

Upon review of this program to recover outstanding deficits in established drain funds, it has been found that all drains having deficits of size large enough to warrant assessment rolls being prepared have been assessed to date. \$11,828.12 of the outstanding monies are non-recoverable since they have been expended in the past upon proposed drains for which a district had never been published or upon proposed drains for which a petition had never been filed. There is no way to recover these funds so expended. Following is a list of these drains which have deficit non-recoverable accounts.

<u>DRAIN</u>	<u>AMOUNT</u>
Boggs Drain	\$ 256.73
Booth Drain	3,036.72
Diamond Sanitary Sewer	124.50
East Walton Drain	1,883.91
Franklin Knolls Sanitary Sewer	979.14
Hill Drain	175.86
Kentfield Sanitary Sewer	576.06
Kirkshire Drain	663.79
Maple Pointe Drain	940.85
Muer Drain	349.72
Wolverine Lake Level	<u>2,840.84</u>
TOTAL	<u><u>\$11,828.12</u></u>

Following is a list of drains which have been assessed in the year of 1959. Most of these monies will be received in July of 1960, at which time the Drain Revolving Fund will be reimbursed in the amount of \$60,582.10. The remaining monies in the amount of \$11,874.64 will be received by yearly assessment in full by July of 1962.

<u>DRAIN</u>	<u>AMOUNT</u>
Axford Drain	\$ 3,239.06
Bald Eagle Lake Drain	696.09
Bloomfield Highlands Drain	782.83
Craft Drain	493.90
Drayton Plains Drain	500.00
Five Points Drain	343.62

(continued)

(continued)

<u>DRAIN</u>	<u>AMOUNT</u>
Frances Drain	\$ 754.87
Garfield Drain	1,570.00
Greenaway Drain	814.22
Hazel Drain	2,388.00
Houghten Drain	1,859.08
Keego Harbor Drain	809.02
Lane Drain	801.28
Oakland-Woodhull Lake Level Control	5,629.41
Patton Drain	554.61
Reid and Branch Drain	367.54
Rouge Drain No. 1	15,000.00
Shoup Drain	828.64
Southfield No. 6 Drain	4,224.29
Sprague Drain	3,870.38
Sturgis Drain	4,840.00
Taylor Drain	4,267.86
Tipsico Lake Level Control	493.40
Townline Drain	642.06
Union Lake Level Control	570.00
Vinewood Drain	386.42
White and Duck Lake Level Control	1,440.86
Whitfield Pond	381.56
Wixom Drain	1,738.19
Woolman and Wells Drain	294.91
	<hr/>
TOTAL	<u>\$60,582.10</u>

Additionally, there are a group of drains which have small deficits which makes spreading an assessment not practical. It will be noted, of course, that several of these accounts are substantial enough to warrant an assessment roll being prepared in the year of 1960. This is easily explainable since maintenance work has been completed upon these drains but not in time to spread a roll during the current year.

<u>DRAIN</u>	<u>AMOUNT</u>
Amy Drain	\$ 155.58
Birdsland Drain	443.87
Bloomfield No. 2 Drain	28.31
Boyd Drain	131.63
Broadacre Drain	487.32
Brown Drain	486.51
Clawson Drain	549.38
DeConick Drain	133.49

(continued)

(continued)

<u>DRAIN</u>	<u>AMOUNT</u>
Dry Run Drain	\$ 468.71
Dun Scotus Drain	28.76
Dutton Drain	178.10
Four Towns Drain	45.01
Franklin Drain	341.13
Galloway Lake Farms Drain	277.70
German Drain	320.98
Gibson Drain	44.49
Graves Drain	21.60
Griffin Drain	70.44
Harmony Drain	219.09
Hawthorne Drain	386.50
Herring Drain	38.85
Hubbard Drain	46.68
Josephine Drain	39.73
Lawson Drain	82.78
McClung Drain	183.08
McKinley Drain	79.48
Maynard Drain	6.24
Miller Drain	309.49
Minnow Pond Drain	705.16
Norton Drain	28.04
Novi and Lyon Drain	1,971.08
Oxford Avenue Drain	111.49
Patterson-Holly Drain	631.02
Pearl Drain	194.69
Sanders Drain	58.28
Schwartz Creek Drain	21.46
Southfield No. 2 Drain	1,073.21
Sump Drain	22.71
A. J. Taylor Drain	65.64
Taylor and Ladd Drain	73.31
Tulane Drain	135.89
Underhill Drain	901.01
VanMaele Drain	62.20
Waldron Drain	19.74
Webb Drain	57.11
West End Drain	202.61
Wilson Drain	1,632.84
Beverly Manor No. 1 Drain	4,153.63
Northland Sanitary Sewer	234.38
Morgan Drain	752.32
Bear Creek Extension Drain	7.92
Red Run Federal Drain	<u>6,533.35</u>
TOTAL	<u><u>\$25,254.02</u></u>

Following is a list of drains with a listing of disbursements by fund which are presently being processed. These monies will be returned to the Drain Revolving Fund as quickly as the drains are financed and constructed.

<u>DRAIN</u>	<u>AMOUNT</u>
(Artesian Drain) No petitions filed	\$ 12,653.50
Bear Creek Inter-County Drain	1,608.30
Beaver Creek and Branches Drain	3,935.54
Beck Road Drain	4,054.18
Eight Mile Road Storm Drain	52,282.15
Gougeon Drain	4,387.58
McGinnis Drain	3,367.24
Red Run Project No. 2	13,421.60
Skæ Drain	3,243.17
Spencer Drain	2,389.50
Sunken Bridge Drain	4,656.50
Ten and One-quarter Mile Drain	18,779.27
Twelve Towns Relief Drains	28,138.57
Wrey Drain	3,785.66
Lakeville Lake Level	1,836.61
Oxbow Lake Level Control	353.13
Sharkey Drain	47.59
	<hr/>
TOTAL	<u>\$158,940.09</u>

There are three drains listed above where an element of doubt exists as to whether or not they will be constructed or whether the monies expended may be classified as recoverable. These are listed as follows.

ARTESIAN DRAIN -

No new petitions filed to date.

GOUGEON DRAIN -

No district has been published since this drain is dependent upon a clean-out of the Sunken Bridge Drain for outlet.

TEN AND ONE-QUARTER MILE DRAIN -

Petition was filed but because of Court decision on the Twelve Towns Relief Drains establishing the Southern District Boundary in the City of Southfield, the Ten And One-Quarter Mile Drain District as proposed was reduced to the extent that no signer to the petition resides within the District as it is presently, by necessity, constituted.

It is hoped that this brief exposition of the status of the Drain Revolving Fund is illuminating and of interest to the Members of the Board of Supervisors.

OAKLAND COUNTY DRAIN COMMISSIONER
DRAIN REDEMPTION FUND
STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS
AS OF SEPTEMBER 30, 1959
SCHEDULE III

DRAIN REDEMPTION NAME	<u>Acacia Park Deficiency Assessment Refund</u>	<u>Eight Mile Road Storm Drain</u>	<u>Lawson Bond and Interest Fund</u>	<u>Lawson Deficiency Assessment Refund Fund</u>	<u>Murray</u>	<u>Royal Oak Sinking Fund</u>
Balance 10-1-58	\$ 4,579.79	\$ -0-	\$ 425.73	\$ 12,812.80	\$ 4,784.56	\$ 30,200.30
<u>RECEIPTS:</u>						
Taxes Collected		63,705.61			43,934.57	65,314.82
TOTAL RECEIPTS	<u>\$ 4,579.79</u>	<u>\$ 63,705.61</u>	<u>\$ 425.73</u>	<u>\$ 12,812.80</u>	<u>\$ 48,719.13</u>	<u>\$ 95,515.12</u>
<u>DISBURSEMENTS:</u>						
Interest Payments					1,400.00	29,830.00
Cost of Bonds Called						32,382.50
Paying Agent's Fee					20.00	106.31
Publication Expense						52.79
TOTAL DISBURSEMENTS	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ 1,420.00</u>	<u>\$ 62,371.60</u>
CASH BALANCE 9-30-59	<u>\$ 4,579.79</u>	<u>\$ 63,705.61</u>	<u>\$ 425.73</u>	<u>\$ 12,812.80</u>	<u>\$ 47,299.13</u>	<u>\$ 33,143.52</u>

OAKLAND COUNTY DRAIN COMMISSIONER
DRAIN REDEMPTION FUND
STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS
AS OF SEPTEMBER 30, 1959
SCHEDULE III
Continued from Page -73-

DRAIN REDEMPTION NAME	Royal Oak #3 Bond and Interest Fund	Royal Oak #3 Deficiency Assessment Refund Fund	Royal Oak #7	Royal Oak #9	Total
Balance 10-1-58	\$ -0-	\$ 902.98	\$ 31.83	\$ 1,145.07	\$ 54,883.06
<u>RECEIPTS:</u>					
Taxes Collected	9.41				172,964.41
TOTAL RECEIPTS	<u>\$ 9.41</u>	<u>\$ 902.98</u>	<u>\$ 31.83</u>	<u>\$ 1,145.07</u>	<u>\$227,847.47</u>
<u>DISBURSEMENTS:</u>					
Interest Payments					31,230.00
Cost of Bonds Called					32,382.50
Paying Agent's Fee	124.26				250.57
Publication Expense					52.79
TOTAL DISBURSEMENTS	<u>\$ 124.26</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ 63,915.86</u>
CASH BALANCE 9-30-59	<u>\$- 114.85</u>	<u>\$ 902.98</u>	<u>\$ 31.83</u>	<u>\$ 1,145.07</u>	<u>\$163,931.61</u>

OAKLAND COUNTY DRAIN COMMISSIONER
 RECORD OF OUTSTANDING BONDS
 SCHEDULE IV

<u>Drain</u>	<u>Outstanding 10-1-58</u>	<u>Issued</u>	<u>Retired</u>	<u>Outstanding 9-30-59</u>
Murray	\$ 40,000.00	\$ -0-	\$ -0-	\$ 40,000.00
Royal Oak	735,000.00	-0-	43,000.00	692,000.00
	<u>\$775,000.00</u>	<u>\$ -0-</u>	<u>\$ 43,000.00</u>	<u>\$732,000.00</u>

OAKLAND COUNTY DRAIN COMMISSIONER
 RED RUN DRAIN
 COMBINED BALANCE SHEET, ALL FUNDS
 AS OF JUNE 30, 1959

SCHEDULE V

ASSETS	Total	Bond Redemption and Interest Funds		Construction Fund	Maintenance Fund	Fixed Asset Fund
		Series 1	Series 11			
Cash in Banks:						
Demand Deposits	\$ 47,939.48	\$ 2,794.36	\$ 350.71	\$ 3,249.83	\$ 41,544.58	\$
Time Deposits - C.D.'s	85,000.00	45,000.00			40,000.00	
Cash With Paying Agent	5,390.00		5,390.00			
Assessments Receivable	161,703.02	131,507.36	26,945.83		3,249.83	
Fixed Assets	<u>1,326,289.16</u>					<u>1,326,289.16</u>
TOTAL ASSETS	<u>\$1,626,321.66</u>	<u>\$ 179,301.72</u>	<u>\$ 32,686.54</u>	<u>\$ 3,249.83</u>	<u>\$ 84,794.41</u>	<u>\$1,326,289.16</u>
LIABILITIES						
Bonds Called	\$ 5,000.00	\$	\$ 5,000.00	\$	\$	\$
Bonds Payable	115,000.00	96,000.00	19,000.00			
Accrued Interest on Bonds	390.00		390.00			
Account Payable - Oakland County Drain Comm. Revolving Fund	<u>1,257.42</u>		<u>21.38</u>		<u>1,236.04</u>	
TOTAL LIABILITIES	<u>\$ 121,647.42</u>	<u>\$ 96,000.00</u>	<u>\$ 24,411.38</u>	<u>\$ -0-</u>	<u>\$ 1,236.04</u>	<u>\$ -0-</u>
SURPLUS						
Fund Balance	\$ 178,385.08	\$ 83,301.72	\$ 8,275.16	\$ 3,249.83	\$ 83,558.37	\$
Grants, Federal Gov't.	195,999.53					195,999.53
Investments in Fixed Assets	<u>1,130,289.63</u>					<u>1,130,289.63</u>
TOTAL SURPLUS	<u>\$1,504,674.24</u>	<u>\$ 83,301.72</u>	<u>\$ 8,275.16</u>	<u>\$ 3,249.83</u>	<u>\$ 83,558.37</u>	<u>\$1,326,289.16</u>
TOTAL LIABILITIES & SURPLUS	<u>\$1,626,321.66</u>	<u>\$ 179,301.72</u>	<u>\$ 32,686.54</u>	<u>\$ 3,249.83</u>	<u>\$ 84,794.41</u>	<u>\$1,326,289.16</u>

OAKLAND COUNTY DRAIN COMMISSIONER
 STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS, ALL FUNDS
 FOR 6 MONTHS ENDED JUNE 30, 1959
 SCHEDULE VI

	Total All Funds	Bond Redemption and Interest Funds		Construction Fund	Maintenance Fund
		Series 1	Series 11		
CASH BALANCE, DECEMBER 31, 1958	<u>\$ 22,516.56</u>	<u>\$ 10,806.35</u>	<u>\$ (-92.80)</u>	<u>\$ 9,334.03</u>	<u>\$ 2,468.98</u>
ADD RECEIPTS:					
Collection on Assessments	117,678.55	23,785.84	4,578.51		89,314.20
Interest on Assessments	7,472.70	6,211.73	1,260.97		
Sale of Investments	140,000.00	58,000.00		82,000.00	
Income on Investments	2,100.00	870.00		1,230.00	
TOTAL RECEIPTS	<u>\$ 267,251.25</u>	<u>\$ 88,867.57</u>	<u>\$ 5,839.48</u>	<u>\$ 83,230.00</u>	<u>\$ 89,314.20</u>
TOTAL	<u>\$ 289,767.81</u>	<u>\$ 99,673.92</u>	<u>\$ 5,746.68</u>	<u>\$ 92,564.03</u>	<u>\$ 91,783.18</u>
DEDUCT DISBURSEMENTS:					
Investments Purchased	\$ 85,000.00	\$ 45,000.00	\$	\$	\$ 40,000.00
Bonds Matured	50,000.00	50,000.00			
Bonds Called	5,000.00		5,000.00		
Bond Interest Expense	2,215.00	1,825.00	390.00		
Paying Agent's Fees	60.53	54.56	5.97		
Transfer to Maint. Fund in lieu of 1960 Maintenance Assessment	89,314.20			89,314.20	
Maintenance Expense:					
Payroll - Drain Comm. - Adm.	80.46				80.46
Payroll - Drain Comm. - Engr.	3,016.21				3,016.21
Payroll - Drain Comm. - Maint.	2,645.25				2,645.25
Maintenance Materials	77.02				77.02
Equipment Repairs	2.94				2.94
Car & Truck Mileage	299.19				299.19
Office Supplies & Expense	184.23				184.23
Blueprints, Etc.	18.30				18.30
Audit & Legal Services	3,915.00				3,915.00
TOTAL DISBURSEMENTS	<u>\$ 241,828.33</u>	<u>\$ 96,879.56</u>	<u>\$ 5,395.97</u>	<u>\$ 89,314.20</u>	<u>\$ 50,238.60</u>
CASH BALANCE, JUNE 30, 1959	<u>\$ 47,939.48</u>	<u>\$ 2,794.36</u>	<u>\$ 350.71</u>	<u>\$ 3,249.83</u>	<u>\$ 41,544.58</u>

SECTION IV

SOUTHEASTERN OAKLAND COUNTY
SEWAGE DISPOSAL SYSTEM

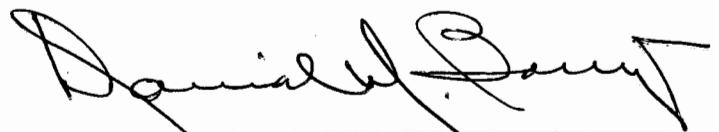
SOUTHEASTERN OAKLAND COUNTY
SEWAGE DISPOSAL SYSTEM -

On January 1, 1959, the City of Detroit raised the preceding quarterly sewage disposal billing to Oakland County as well as other suburban customers from 24.5¢ per 1,000 cubic feet to 33.5¢ per 1,000 cubic feet. To meet this anticipated raise, the sewage disposal rate to the municipalities which had been lowered by the action of the Board of Auditors on September 14, 1958, from .45¢ to 33.5¢ reverted as of January 1, 1959, to .45¢ per 1,000 cubic feet. This, however, did not avert a net loss in the System for the last quarter of 1958 in the amount of \$37,362.17. This loss was balanced by the existing surplus presently in the System.

It may be forecast with reasonable certainty that there will continue to be a rising deficit within the Southeastern Oakland County Sewage Disposal System during 1959 - 1960. This deficit is caused by the increased efficiency of the operation of the Pumping Station. More sewage is being pumped to Detroit than ever before. It is also fairly obvious that Detroit has relieved their internal system to the point that service to Oakland County is rarely interrupted, with the result that spills of sewage into the Red Run Drain are becoming increasingly fewer.

In spite of increased efficiency of operation and increased pumpage which is reflected in falling revenues, the surpluses of June 30, 1959, within the System in the current amount of \$277,799.92 will be more than ample to obviate the necessity in a sewage disposal rate increase.

On October 27, 1958, the Drain Commissioner explained to the Drain Committee his plan to have a certified audit of the Southeastern Oakland County Sewage Disposal System in order to present to each member municipality a complete financial accounting of the System from 1943 to July 1, 1958, at which time all remaining outstanding bonds were called, releasing the System from all bonded indebtedness. The Drain Committee concurred in the opinion of the Drain Commissioner and the audit was requested of the firm of Shuttie and Floersch, 1612 Book Building, Detroit 26, Michigan. This audit will shortly be in the hands of the Drain Commissioner, who will, in turn, forward certified copies to all member municipalities.



Daniel W. Barry,
Oakland County Drain Commissioner

OAKLAND COUNTY DRAIN COMMISSIONER
SOUTHEASTERN OAKLAND COUNTY SEWAGE DISPOSAL SYSTEM
Balance Sheet
December 31, 1958

<u>ASSETS</u>	<u>TOTAL</u>
County Treasurer - Cash	\$ 152,929.84
County Treasurer - C.D.'s	175,000.00
Cash With Paying Agent	14,442.50
Accounts Receivable	43,749.20
Accrued Interest Receivable	1,641.00
Prepaid Expenses	1,497.64
Due From Other Fund	56,610.80
Fixed Assets, At Cost	1,604,196.88
Construction Work In Progress	<u>66,810.80</u>
 TOTAL ASSETS	 \$ <u>2,116,878.66</u>
 <u>LIABILITIES</u>	
Vouchers Payable	\$ 119,499.36
Bonds Payable, Called	14,000.00
Premium Payable, Bonds Called	442.50
Due To Other Funds	<u>56,610.80</u>
 TOTAL LIABILITIES	 \$ 190,552.66
 <u>RESERVES</u>	
Replacements	\$ 55,000.00
Contingencies	94,253.95
Operation & Maintenance	<u>89,025.00</u>
 TOTAL RESERVES	 \$ 238,278.95
 <u>SURPLUS</u>	
Fund Balance	\$ 83,850.17
Grant, Federal Government	619,347.16
Oakland County's Investment	<u>984,849.72</u>
 TOTAL SURPLUS	 \$ <u>1,688,047.05</u>
 TOTAL LIABILITIES, RESERVES & SURPLUS	 \$ <u>2,116,878.66</u>

OAKLAND COUNTY DRAIN COMMISSIONER
SOUTHEASTERN OAKLAND COUNTY SEWAGE DISPOSAL SYSTEM
Statement of Operations
For The Year Ended December 31, 1958

Revenue From Sewage Disposal Service		\$ 492,869.05
LESS - Cost of Sewage Disposal Service	\$ 348,601.06	
Capacity Charges	<u>4,055.61</u>	<u>352,656.67</u>
		\$ 140,212.38
LESS - Operating Costs:		
Payroll	\$ 49,102.95	
F.I.C.A. Contribution	782.53	
Employees' Retirement Contribution	814.00	
Employees' Life Insurance	256.62	
Employees' Hospitalization Insurance	423.15	
Heat	62.29	
Light & Power	15,521.57	
Gas	50.17	
Water	220.40	
Telephone	187.91	
Postage	10.34	
Insurance	277.90	
Laboratory Testing	1,203.58	
Engineering & Research	509.60	
Convention & Traveling Expense	3,032.12	
Membership Dues & Publications	115.51	
Detroit Sewer Maintenance	1,149.03	
Maintenance & Repairs	768.96	
Car & Truck Expense	1,006.56	
Office Supplies & Expenses	220.47	
Station Supplies & Expenses	81.81	
Small Tools	231.37	
Auditing Expense	<u>5,500.00</u>	<u>81,528.84</u>
		\$ 58,683.54
ADD - Other Income:		
Interest On Certificates of Deposit		<u>7,374.35</u>
		\$ 66,057.89
LESS - Other Expenses:		
Interest on Bonds	\$ 3,968.75	
Bond Premium Expense	9,775.00	
Paying Agent's Fees	284.92	
Publication Expense	<u>237.03</u>	<u>14,265.70</u>
		\$ 51,792.19
Excess of Income over Expenditures		<u><u>\$ 51,792.19</u></u>

OAKLAND COUNTY DRAIN COMMISSIONER
 SOUTHEASTERN OAKLAND COUNTY SEWAGE DISPOSAL SYSTEM
 Disposition of Excess of Income Over Expenditures
 for the year ended December 31, 1958

New Equipment Purchased	\$	12,424.66
Bonds Called		275,000.00
Increase in Operation & Maintenance Fund Balance		497.64
Increase in Reserve for Operation & Maintenance		11,775.00
Increase in Reserve for Replacements		20,007.22
Decrease in Reserve for Contingencies	-	157,431.88
Decrease in Reserve for Bonds & Interest Redemption	-	75,000.00
Decrease in Receiving Fund Balance	-	35,480.45
		\$ 51,792.19