



Date: March 1, 2019 (Revised March 12, 2019)
Project: Hills of Hays Drainage Improvements
Proposal: Design Phase Services
Owner: City of San Marcos
Contact: John Espinoza, Project Manager
Phone: 512.393.8241
email: jespinoza@sanmarcostx.gov
Attachments: Exhibit A: Field Survey Limits Sketch
Exhibit B: Detailed Scope from Balcones Geotechnical
Exhibit C: Fee Breakdown, dated March 12, 2019

BACKGROUND

The City of San Marcos (COSM) requested MWM DesignGroup (MWM) to perform Design, Bidding, and Construction Phase Services for the Hills of Hays Drainage Improvements project based on findings and recommendations presented in the Preliminary Engineering Report (PER) prepared during the Preliminary Engineering Phase. The PER included evaluation of the drainage characteristics of the Hills of Hays neighborhood and recommendation of drainage improvements to alleviate local, non-FEMA floodplain related, flooding of streets and homes. Location specific solutions were preferred and recommended; a complete collection system with full curb, gutter, and inlets was not the preferred solution but both options were evaluated for completeness. Proposed improvements will focus on flooding problem areas and evaluation results. MWM understands that the proposed design will be based on the Alternate Proposed Conditions scenario presented in the PER.

SCOPE OF SERVICES

The Scope of Services includes design phase services for the proposed drainage improvements as follows:

1. Project Management

- a. The MWM project manager will provide a point of contact for COSM and design team staff, attend meetings with COSM staff, manage prime and subconsultant contracts, and maintain a project schedule.
- b. MWM will submit monthly project update reports, attend monthly project update meetings with COSM staff, and prepare and distribute meeting minutes. Meeting time includes agenda and minute preparation. This proposal assumes that the design phase duration will not exceed six months.

2. Field Survey

Survey will be limited to the areas approximately shown on Exhibit "A" and shall be provided in accordance with the following:

- a. Coordinate right of entry to affected private properties. Right of entry authorization to be obtained by Client.

- b. Perform GPS survey to establish horizontal and vertical control based on Texas State Plane, Central Zone NAD 83 (2011) and NAVD 88. Provide benchmarks (4 minimum) along project corridor and sufficient horizontal control for use as construction baseline.
- c. Locate by actual on-the-ground survey visible and accessible on-grade and above-grade features, including but not limited to pavement marking, edge of pavement, curbs, gutters, driveways, ramps, sidewalks, signs, fences, trees (size, location, subspecies and tree tag for trees 6" and above caliper for Native Oaks, Elms, Madrone, and Pecan, Celtis Occidentalis (Hackberry), Juniperus Virginiana, Juniperus Ashei (Common Cedar), Chinaberry, mesquite and Ligustrum trees within or overhanging into limits of survey; trees outside limits of survey overhanging into limits of survey will be approximately located, but will not be tagged), utility valves, water meters, manholes, hydrants, clean-outs, inlets, utility poles, guy anchors, overhead lines and other surface utility features. MWM will coordinate with One Call to identify utilities within the project area and within the right-of-way boundaries.
- d. Provide contours at one-foot interval. Elevations will be taken on an approximate 50'x 50' grid, at abrupt changes in grade and along drainage courses. Elevations of survey points will be on a separate layer and will not be part of the final plotted drawing.
- e. Provide spot elevations at top of accessible manhole and valve box covers. Provide invert elevation of manholes and elevation and size of pipes entering or exiting manholes of accessible sewer and storm drain structures. Provide top elevation of valve nut of accessible valves on main lines.
- f. Locate sufficient boundary monumentation, obtain and review available tax plats, subdivision plats, property deeds (for unplatted tracts) identified from Hays Central Appraisal District records and show approximate location of boundary/ROW lines. Show owner name, book and page information, subdivision name, lot and block number, HCAD parcel number, easements adjoining survey area as shown on subdivision plats and physical address of each tract within or adjoining project limits. This item shall be limited to areas within existing easements.
- g. Field locate proposed geotechnical bore holes (8) along project corridor.
- h. Provide drawing showing data outlined above on 11" x 17" sheet size at a scale of 1" = 40' horizontal and 1" = 10' vertical as an AutoCAD Civil3D file utilizing the National Cad Standard (NCS).

3. Geotechnical Investigation

MWM will coordinate with Balcones Geotechnical to perform a geotechnical investigation for the proposed storm drain alignments. Recommended locations of bores will be provided by Balcones Geotechnical for review and approval by the City prior to completion. See Exhibit B for detailed description of this scope of work.

4. Update Alternate Proposed Conditions Analysis

MWM will update the Alternate Proposed Conditions model based on survey information obtained above. The update is anticipated to include the following tasks:

- a. Hydrologic Analysis
 - i. Drainage Areas: check previously delineated drainage areas for each street or part of street, inlet, channel, or culvert and update as appropriate for modeling.
 - ii. Times of Concentration: check and update times of concentration flow paths for each drainage area and identify components of each flow path. Drainage areas less than 1.0 acre will be assumed to have a time of concentration of 5 minutes and will not be delineated.
 - iii. Curve Numbers: update curve numbers based on any changes to drainage areas identified above.
 - iv. Input updated hydrology into CivilStorm
- b. Hydraulic Analysis
 - i. Check and adjust as necessary the locations for curb and gutter, inlets, and stormdrain alignments, in CivilStorm.
 - ii. Check and adjust tailwater depths for each storm event. There is not a FEMA 100-year floodplain in the vicinity of the outfall so tailwater will be based on normal depths.
 - iii. Run the CivilStorm model for the 2-, 10-, 25-, and 100-year using the SCS runoff method.
- c. Assess the proposed storm drain system for compliance with current drainage criteria and adjust the proposed conditions CivilStorm model to achieve compliance (iterative process). Containment within the right-of-way will be based on containment within the curb on the downslope side of the roadway.
- d. Detention Pond Analysis
 - i. Update Pondpack model for the existing detention pond based on field survey and evaluate impact of the proposed storm drain system on the performance of the pond.
 - ii. Model pond grading and outfall improvements (limited to restrictor plates for outfall pipes) to bring the pond performance into compliance to support the proposed storm drain system for the 2-, 10-, 25- and 100-year storm events. MWM understands that the pond will likely not be able to achieve required freeboard for the 100-year storm event without significant structural improvements. These structural improvements are not included in this scope of services.
 - iii. Analysis will consider hydraulic performance of the pond only and will not include any dam evaluation.
- e. Additional Design Considerations
 - i. Street Pavement is assumed to be restored to match existing conditions. The limits of pavement restoration will be minimized to include only the proposed utility trenches. Standard trench backfill and pavement details will be utilized.

- ii. Utilities – preliminary designs indicate proposed improvements will have no conflicts with other existing utilities.

5. Detailed Design

- a. MWM anticipates submitting milestone plans to the City for review and comment. MWM will provide an electronic pdf for each review submittal. We anticipate up to four detail design phase milestone submittals consisting of 60%, 90%, 99%, and 100% signed and sealed plans. MWM will provide a formal response to previously received comments to accompany each milestone submittal. The 60% and 90% submittals will be followed by a review meeting to discuss comments from the City. It is anticipated that the plans will include the following sheets:
 - i. General: cover sheet, index sheet, up to two general notes sheets, project layout sheet, overall quantities sheet
 - ii. Erosion and sedimentation control and tree protection (ESC/T) sheets: two sheets of standard details, one sheet of standard notes, and 11 plan-view ESC/T sheets,
 - iii. Detailed design of the stormdrain collection and conveyance system and curb replacement: up to 23 plan/profile sheets,
 - iv. Typical roadway sections: up to one sheet
 - v. Pond grading: up to one sheet
 - vi. Pond rating structure improvements: up to one sheet
 - vii. Standard utility details: up to two sheets,
 - viii. Traffic control: one traffic control notes sheet and two traffic control standard detail sheets (no detours, detailed traffic control designs, or temporary or permanent striping are anticipated),
 - ix. A total of 51 sheets are anticipated for the plan set
- b. Deliverables
 - 1. 60%: MWM will provide two (2) hard copies of 11" x 17" plan sets {1" = 40' (Horizontal) and 1" = 10' (Vertical)} and one (1) pdf electronic copy. At a minimum, the plan set will contain the following:
 - a. Cover Sheet
 - b. Index Sheet
 - c. General Notes
 - d. Project Layout Sheet: MWM will provide a layout of the project with plan sheet references.
 - e. Drainage Design Plan and Profile Sheets
 - f. Overall Quantity Sheet: MWM will provide a quantity table that includes individual sheet quantities and the overall project quantities.
 - g. List of Standard Details: City of San Marcos details will be used where available. City of Austin details will be used otherwise.
 - h. List of Standard Specifications: City of San Marcos Division 1 specifications will be used. City of Austin standard specifications will be used.
 - i. Project Specific/Special Specifications

- j. Project Specific/Special Details
 - k. Engineer's Opinion of Probable Construction Costs (OPCC).
 - l. Construction Project Schedule: MWM will develop a Construction Schedule for the project consisting of design, bid and construction phases. The schedule will be updated during design.
 - m. Engineering Scope of Services Checklist
2. 60% Comment Response Letter.
3. 90%: MWM will provide two (2) hard copies of 11" x 17" plan sets and one (1) pdf electronic copy. The plan set will also contain the following:
 - a. Updated plans as listed in the 60% to 90% level per comments from 60% review.
 - b. Erosion Control Plan and Details
 - c. Traffic Control Standard Details
 - d. Construction Project Schedule: MWM will develop a Construction Schedule for the project consisting of design, bid and construction phases. The schedule will be updated during design.
 - e. Engineering Scope of Services Checklist
4. 90% Comment Response Letter.
5. 99%: MWM will provide two (2) hard copies of 11" x 17" plan sets and one (1) pdf electronic copy. The purpose of this submittal is to confirm 90% design comments have been addressed prior to signing and sealing final documents. The plan set will also contain the following:
 - a. Updated plans as listed in the 90% to 99% level of design per comments from 90% review
 - b. Construction Project Schedule: MWM will develop a Construction Schedule for the project consisting of design, bid and construction phases. The schedule will be updated during design.
 - c. Engineering Scope of Services Checklist
6. 99% Comment Response Letter.
7. Final 100%: MWM will provide two (2) hard copies of 11" x 17" plan sets and one (1) pdf electronic copy. Upon approval by the City, two (2) hard copies of 11" x 17" plan sets, one (1) pdf copy, and one (1) CAD copy of the sealed plans will be provided.

City Responsibilities

1. The City will provide to MWM all data in the City's possession relating to MWM's services on the Project. MWM will reasonably rely upon the accuracy, timeliness, and completeness of the information provided by the City.
2. The City will give prompt notice to MWM whenever the City observes or becomes aware of any development that affects the scope or timing of MWM's services.
3. The City will examine information submitted by MWM and render in writing or otherwise provide comments and decisions in a timely manner.
4. The City will obtain all necessary right-of-entries from required landowners.

5. The City will provide Title Reports for properties with proposed easements.
6. The City will obtain all permanent sanitary sewer line, access, and temporary construction easements, including services such as appraisal of properties, negotiations with the property owners, and actual purchase of the easements.

Schedule

- Field Survey will be completed within **10 weeks** of notice to proceed
- Geotechnical investigation will be completed within **7 weeks** of notice to proceed.
- Model updates are anticipated to be completed within **4 weeks** of completion of the field survey.
- 60% Design Milestone documents will be submitted within **6 weeks** of completion of model updates.
- 90% Design Milestone documents will be submitted within **4 weeks** of 60% design review meeting.
- 99% Design Milestone documents will be submitted within **3 weeks** of 90% design review meeting.
- 100% Signed and sealed documents will be submitted within **2 weeks** of receipt of 99% milestone comments.
- The estimated timeframes identified do not include time for City review of submittals

Assumptions and Exclusions

1. All calculations will be based on peak flows using the SCS method. Rational method calculations and/or routing of the hydrograph through the system will not be performed.
2. Impervious cover will be estimated based on aerial imagery and available planimetrics.
3. Drainage areas less than 1.0 acre will be assumed to have a time of concentration of 5 minutes and will not be delineated. For this proposal, we assume that approximately 50% of the drainage areas will be less than 1.0 acres.
4. 2D storm drain modeling will not be performed.
5. Design of utility adjustments and/or relocations to accommodate the proposed stormwater collection and conveyance system shall be limited to the immediate vicinity of the proposed crossing.
6. Additional Services to be performed, if authorized in writing by the City, but which are not included in the above-described Basic and Supplemental Scope of Services, and once a mutually agreed upon fee is negotiated are as follows:
 - a. Performing Subsurface Utility Engineering.
 - b. Performing Environmental Investigation or Environmental permit preparation and submittal.
 - c. Performing title searches for easement or joint-use agreement preparation.
 - d. Preparation of additional easement/ boundary exhibits beyond the number identified in the Scope of Services.
 - e. Acting as an agent of the City in the acquisition of permanent or temporary easements.
 - f. Preparation of platting documents and/or real property survey for site acquisition.



- g. Accompanying the City when meeting with the TCEQ, U.S. Environmental Protection Agency, or other regulatory agencies during the course of the Project, beyond those meetings identified above.
- h. Preparing applications and supporting documents for government grants, loans, or planning advances.
- i. Appearing before regulatory agencies or courts as an expert witness in any litigation with third parties or condemnation proceedings arising from the development or construction of the Project, including the preparation of engineering data and reports for assistance to the City.
- j. Providing professional services associated with the discovery of any hazardous waste or materials in the project site.

SCHEDULE OF COMPENSATION:

Fee Schedule

Compensation for Design Phase will be on a Lump Sum basis, in accordance with the summary below and the fee breakdown included as Exhibit C of this proposal.

Task Description	Deliverable	Budget
Design Phase		
Project Management		\$4,090.00
Field Survey	Field Survey	\$78,010.00
Geotechnical Coordination		\$880.00
Update Alternate Proposed Conditions Analysis	Updated Models	\$10,620.00
Detailed Design	60/90/99/100 Designs	\$121,570.00
Project Manual	Project Manual	\$2,940.00
Opinion of Probable Construction Value	Cost Opinion	\$4,860.00
<i>Phase Subtotal</i>		\$222,970.00
Design Phase Sub-Consultants		
Geotechnical - Balcones Geotechnical	Geotechnical Report	\$7,840.00
Sub-Consultant Subtotal (with 5% markup)		\$8,232.00
<i>Design Phase Total</i>		\$231,202.00
Reimbursable Expenses (with 5% markup)		\$1,050.00
Project Total		\$232,252.00

GENERAL CONDITIONS

Land Surveying

Complaints on the land surveying services provided by MWM DesignGroup can be directed to the Texas Board of Professional Land Surveying, 12100 Park 35 Circle, Building A, Suite 156, Austin, Texas 78753,



(512) 239-5263. MWM Design Group TBPLS Firm Registration No.: 10065600.

Validity of Proposal

This proposal is valid for a period of 30 days from the date of proposal. If you concur, please include this proposal as part of the task order for the above referenced project.

Approved:

A handwritten signature in blue ink, appearing to read 'Julia Harrod', is written over a horizontal line.

Julia Harrod, P.E.
President

March 12, 2019
Date

MWM DesignGroup
305 E Huntland Dr., Suite 200
Austin, Texas 78752

APPROX. LIMITS OF
TOPOGRAPHIC SURVEY

FM 621



CRYSTAL RIVER PARKWAY

LOT 1

2

15' P.U.E.



APPROX. LIMITS OF
TOPOGRAPHIC SURVEY

EXHIBIT 'A'



305 E. Huntland Dr.
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734

EXHIBIT:

SCALE:

DATE:



Mr. Tony Buonodono, PE
MWM Design Group
305 E. Huntland Drive
Austin, TX 78752

Proposal No. 0119-021
February 25, 2019
tonyb@mwmdesigngroup.com

**Proposal for Geotechnical Investigation
The Hills of Hays Drainage Improvements
San Marcos, Texas**

Balcones Geotechnical, LLC (Balcones) is pleased to provide this proposal for geotechnical engineering services for the above referenced project. Our understanding of the project is based on the information provided you. We have received the site plan showing the proposed drainage improvements, and discussed the project with you.

The project will consist of drainage improvements to the existing Hills of Hays residential subdivision. Improvements will include installation of drainage inlets and piping, generally 4 to 8 ft below grade. A drainage channel is also proposed along the southwestern property boundary. We understand that major modifications to the existing detention pond are not planned at this time. The following sections of this proposal present our proposed scope of services, estimated cost and schedule.

Field Investigation

The project site is located at 1434 Staples Road, east of IH-35, in San Marcos, Texas. The site geology is mapped as being underlain by highly plastic, potentially expansive clay of the Pecan Gap formation. Based on our understanding of the proposed construction, we propose to drill eight (8) borings to depths of 10 to 15 ft below existing grade, and drilled within the current roadway right of way. Total drilling footage will be 85 feet.

Groundwater, if encountered, will be measured at the time of drilling, and stabilized at least 10 minutes prior to backfilling. The boreholes will be backfilled with a mixture of soil cuttings and bentonite, and capped with sackcrete and cold-patch asphalt to match existing.



Laboratory Testing

Laboratory index tests (natural water contents, Atterberg limits, and partial gradation analyses) will be performed to classify soil strata and evaluate plasticity. Unconfined compression tests will be conducted on selected undisturbed clay specimens to evaluate the compressive and shear strength of the subsurface strata. The lab testing program will be dependent on the soils encountered.

Engineering Report

An engineering report will be prepared by the undersigned geotechnical engineer, registered in the State of Texas, and will include the following:

1. General subsurface conditions, including a boring log with descriptions of strata, summaries of laboratory test results, and water levels obtained at the time of drilling;
2. Boring location plan;
3. Recommendations regarding bedding and backfilling of the proposed piping;
4. Comments regarding groundwater; and
5. General earthwork recommendations.

This proposed scope of work is not intended to be a Geotechnical Baseline Report for trenchless installations. One electronic copy (PDF) will be submitted.

Cost Estimate

Based on the scope of work outlined herein, our estimated fee is itemized on Attachment 1. The cost estimate is based on the following:

1. The borings will be drilled in locations accessible to a truck-mounted drill rig;
2. Boring locations will be established using a hand-held GPS device and measuring distances from existing site features;
3. We will notify Texas 811 at least 72 hours prior to drilling. We request that any site utility plans, if available, be provided to us prior to field staking and drilling of the borings;
4. The borings will be drilled during the normal work week, during normal work hours; and
5. Right-of-entry to private property, if needed, will be secured by others.



The estimated fee may be exceeded if site conditions are significantly different than anticipated or changes in work are required or requested. However, the estimated fee will not be exceeded without the client's prior authorization. Required additions to the above scope of services would be invoiced in accordance with the attached fee schedule.

Schedule

Weather and site conditions permitting, field operations can start within 1 to 2 weeks after formal authorization to proceed. The borings will take 1 to 2 days to complete. Under normal circumstances, laboratory testing and report preparation will take an additional 2 to 3 weeks to complete. We will keep you verbally informed of our findings as they become available.

* * *



Terms and Conditions

The attached Schedule TC-01 describes general contractual conditions including identification of client, on-site responsibilities and risks, warranty, invoicing procedures, and record and sample maintenance.

To indicate acceptance of this proposal, please sign the signature block to indicate your acceptance of the Terms and Conditions set out herein. We appreciate the opportunity to submit this proposal and look forward to working with you on this project. Please call if we can answer any questions or if you would like to discuss this proposal.

Sincerely,

Balcones Geotechnical, LLC
TBPE Firm Reg. F-15624

Rebecca A. Russo, P.E.
Senior Geotechnical Engineer

Attachments:

- Attachment 1 – Cost Estimate
- Schedule TC-01

C L I E N T:

Firm Name

Authorizing Signature

Typed Name & Title

Date

**Attachment 1 - Cost Estimate
Geotechnical Investigation
The Hills at Hays Drainage Improvements
San Marcos, TX**

1. Soil Borings - Geotechnical		Quantity	Unit	Rate	Subtotal	
	Coordination, one-call, supervision of clearing, staking of borings, field logging					
	Mobilization / Demobilization	1	l.s.	\$400.00	\$400.00	
	Drilling and Sampling - Soil	85	feet	\$20.00	\$1,700.00	
	Backfilling Borehole	85	feet	\$6.00	\$510.00	
	Patching Boreholes	8	each	\$50.00	\$400.00	
	Project Management	2	hour	\$175.00	\$350.00	
	Engineering Technician (Field Staking, One-Call, Logging)	16	hour	\$65.00	\$1,040.00	
	Trip Charge	2	l.s.	\$55.00	\$110.00	
				Subtotal	\$4,510.00	
2. Laboratory Investigation		Quantity	Unit	Rate	Subtotal	
	Atterberg Limit Determinations	8	each	\$65.00	\$520.00	
	Sieve Analysis	8	each	\$65.00	\$520.00	
	Unconfined Compression Tests, soil	8	each	\$60.00	\$480.00	
	Graduate Engineer	2	hour	\$95.00	\$190.00	
				Subtotal	\$1,710.00	
4. Engineering Services - Geotechnical Report		Quantity	Unit	Rate	Subtotal	
	Senior Geotechnical Engineer	2	hour	\$175.00	\$350.00	
	Graduate Engineer	12	hour	\$95.00	\$1,140.00	
	Drafting/Admin	2	hour	\$65.00	\$130.00	
				Subtotal	\$1,620.00	
					Total Estimated Cost	\$7,840.00

Exhibit C

City of San Marcos										12-Mar-19
Hills of Hays Drainage Improvements	Principal	Licensed	Licensed	Eng / Arch	Sr Tech /				Subtask	Subtask
Design, Bidding, and Construction Phases	Licensed	Prof IV /	Prof I /	Support	CAD	Tech	Sr. Tech	2 Person	Subtotal	Subtotal
MWM F Project # F18-026	Prof IV	Sr PM	PM	Staff II	Manager			Field Crew	Hours	Costs
Billing Rate per Hour	\$ 285.00	\$ 220.00	\$ 140.00	\$ 125.00	\$ 125.00	\$ 95.00	\$ 105.00	\$ 160.00		
Project Management										
Project Management	2	16							18	\$ 4,090.00
Field Survey										
Coordinate Right of Entry	1		8						9	\$ 1,405.00
Establish Horizontal and Vertical Control	1		16					61	78	\$ 12,285.00
Topo/Tree Survey/One Call	27		26				150	174	377	\$ 54,925.00
Manhole/Inlet inverts	1		2				5	12	20	\$ 3,010.00
Boundary Basemap	1		7				16	18	42	\$ 5,825.00
Locate Bore Holes			4						4	\$ 560.00
Geotechnical Coordination										
Geotechnical Coordination		4							4	\$ 880.00
Update Alternate Proposed Conditions Analysis										
Hydrologic Check and Update										
Drainage Areas		1	8						9	\$ 1,340.00
Time of Concentration		1	8						9	\$ 1,340.00
Curve Numbers		1	3						4	\$ 640.00
Update CivilStorm Model		2	4						6	\$ 1,000.00
Hydraulic Check and Update										
Check and update Storm Drain Data in CivilStorm		2	12						14	\$ 2,120.00
Update Tailwater			2						2	\$ 280.00
Run Civilstorm and update to achieve compliance		2	8						10	\$ 1,560.00
Detention Pond Analysis										
Update Pondpack model with survey		2	6						8	\$ 1,280.00
Model Pond Improvements		1	6						7	\$ 1,060.00
Detailed Design										
General: Cover sheet, index sheet, 2 general notes sheets, layout, overall quantity		12	36		1	66			115	\$ 14,075.00
ESC/T: 2 standard details, 1 standard notes, 11 plan ESC/T		28	84		1	154			267	\$ 32,675.00
Stormdrain system and curb replacement: 23 p/p sheets	4	46	138		1	253			442	\$ 54,740.00
Typical roadway sections: 1 sheet	1	2	6		1	11			21	\$ 2,735.00
Pond Grading: 1 sheet	1	2	6		1	11			21	\$ 2,735.00
Pond rating structure improvements: 1 sheet	1	2	6		1	11			21	\$ 2,735.00
Utility details: 2 sheets		4	12		1	22			39	\$ 4,775.00
Traffic control: 1 notes, 2 standard details		6	18		1	33			58	\$ 7,100.00
Project Manual										
Project Manual Preparation		2		20					22	\$ 2,940.00
Opinion of Probable Construction Value										
Opinion of probable construction value (60/90/100)		3	30						33	\$ 4,860.00
BASIC SERVICES SUBTOTAL	40	139	456	20	8	561	171	265	1660	\$ 222,970.00
Subconsultant Expenses										
Geotech										\$ 7,840.00
Markup										5%
SUBCONSULTANT EXPENSES SUBTOTAL										\$ 8,232.00
Reimbursable Expenses										
Mileage										\$ 1,000.00
Markup										5%
REIMBURSABLE EXPENSES SUBTOTAL										\$ 1,050.00
TOTAL										\$ 232,252.00