

Sidney United Methodist Church Capital Campaign

Case Statement Detail

June 2010



For Our Congregation

...For Our Community

...and For Our Future



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Exterior Restoration Overview:

Our current Church building was built in 1933. The Church is a brick faced structure with formed concrete capstones that rim the bell tower, front façade and buttresses. The original materials used were good materials and the construction work was done well. The building has held up well for 77 years. Reasonably routine maintenance has been done on the exterior over the years to keep the masonry in good shape. This included “pointing” the masonry on an as needed basis, repairing and/or replacing the capstones on the bell tower and front façade and covering the capstones over the large stained glass windows. The capstones are constructed of a formed concrete mixture and are not true stones. The mixture used at the time of construction could not be expected to last forever and we have reached the end of their life cycle. At construction time, these formed concrete capstones were poured and left to dry in whatever weather conditions existed the day they were poured. This tended to result in inconsistencies that cause failure in the finished product.

There are several areas of concern that are being addressed with the current building project. The first is the bell tower. Over the years the concrete capstones have failed allowing moisture to penetrate them. The more moisture that gets in the capstones, the more they break apart. As the capstones deteriorated, moisture began moving into the brickwork below them. On the bell tower, the moisture has moved into the flat roof structure, rotting the rafters even though the rubber roof membrane itself is in very good condition. If a person steps out onto the bell tower roof, it sinks approximately three to four inches. The moisture has also caused the brickwork to “spall” or pop away from the underlying structure. The decorative arches on the top of the open windows also were made of formed concrete and have crumbled as well.

In addition to the bell tower, we see capstone failure along the front façade and buttresses. The failure of the capstones on these areas has also led spalling. There are also problems with the roof flashing along the front façade that need to be repaired.

Finally, there are other masonry issues all around the building that will be repaired.

The Board of Trustees solicited proposals from four masonry firms – Weathermaster Roofing Company, Inc from Binghamton, NY; The Imhoff Company from Dover, NJ, Driscoll Masonry Restoration, Inc. of Skaneateles Falls, NY and LeChase Construction Services, LLC. All four companies came to inspect our building taking pictures and documenting what they felt were the problems. Weathermaster Roofing Company and The Imhoff Company and LeChase Construction Services, LLC submitted proposals. However, Driscoll Masonry Restoration did not present a proposal, even after repeated follow-up calls. Weathermaster Roofing Company partnered with SRC Building Repair



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and Restoration located in Sybertsville, PA. The owners of SRC and Weathermaster are brothers and have collaborated in restoration projects in the past. LeChase partnered with Alliance Masonry and submitted a bid of \$74,207.00. The Board of Trustees felt that the proposal missed essential structural issues that the other two proposals included. LeChase was given a summary of the two other proposals, an offer to meet a second time and a chance to rebid. They declined and withdrew their original bid.

Proposal Summaries:

The Imhoff Company

- Bell Tower
 - Scaffolding, access and related equipment as required to complete work of this section.
 - Demolish existing and reconstruct to original design the upper 6 feet of the bell tower from the battlement to and inclusive of the water table above windows. Includes all associated roofing, sheet metal, steel work, carpentry and masonry. Approximate are 385 square feet.
 - Remove and replace the gothic style bell tower head openings including all related steel shelf supports. Clean, apply cathode coating and reuse steel members in good condition.
 - Salvage, clean and suitably store all brick units in acceptable condition for repair work at other locations. New replacement brick for bell tower reconstruction to match existing as close as possible from standard stock to be installed on upper bell tower.
 - Estimated costs: \$169,120.00 (Labor and material warrantee included)
 - NOTE: Architectural and construction detail changes that are period and style correct for this type of religious property e.g. alteration battlement design or substitute materials and window head design if simplified will reduce the costs.
- Sheet metal capping/replacement – designated locations
 - Scaffolding, access and related equipment as required to complete work of this section.
 - Coping stone cap covers – Fabricate and install new 16 ounce lead coated copper coping stone caps at all elevations to include the front elevation, north and south transepts. Detailing to follow all existing contours and profiles. All seams except those dedicated for expansion shall be riveted and soldered.
 - Pier cap and wall cladding – Fabricate and install new 16 ounce lead coated copper pier stone caps and brick side and rear wall (up slope side of pier) cladding (2) at the north and south sides where piers rise above the roof line. Detailing to follow all existing contours and profiles. All seams shall be riveted and soldered.
 - Estimated costs: \$16,660.00 (Labor and material warrantee included)



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- NOTES: Cross and pedestal condition is unknown. Access was not available at the time of our survey. If damaged, a replacement sheet metal assembly to replicate the original can be fabricated and installed at an additional cost less than the replacement of the cast stone.
 - Sheet metal cricket/replacement – Bell tower to sanctuary roof
 - Remove, salvage and reinstall Vermont mottled red slate as required to install new ice and water shield with the sheet metal cricket. Additional slate units as required shall be provided by the Contractor at no additional expense to the Owner.
 - Provide and install new number 30 asphalt saturated roof felt, two plies, with one layer of Grace Ice and water shield underlayment.
 - Fabricate and install new 16 ounce lead coated copper cricket/valley and related perimeter between the Sanctuary roof where it meets the north side of the bell tower. Detailing to follow all existing contours and profiles. All seams except those dedicated for expansion shall be riveted and soldered.
 - Estimated cost: \$19,205.00 (Labor and material warrantee included)
 - Sheet Metal Gutter Assembly/Replacement – Sanctuary roof
 - Remove, salvage and reinstall Vermont mottled red slate as required to install new ice and water shield with the gutters. Repair slate damaged from existing gutter installation.
 - Provide and install new number 20 asphalt saturated roof felt, two plies with one layer of Grace Ice and water shield underlayment.
 - Fabricate and install new 16 ounce lead coated copper flanged style gutter sized for the size and type roof on the Sanctuary at the eave areas. Detailing of the contours and profiles will be provided by the Contractor. All seams except those dedicated for expansion shall be riveted and soldered.
 - Provide and install new lead coated copper leaders and corresponding custom made gothic style leader head collection boxes.
 - Estimated Costs: \$26,140.00 (Labor and material warrantee included)
 - Brick Unit Repair – Random Locations
 - Scaffolding, access and related equipment as required to complete work of this section.
 - Remove existing cracked/displaced brick veneer at the various locations at the side elevation walls. Clean backup and embedded steel. Provide an application of rust inhibitive paint to exposed steel. Provide and install new or salvage brick to match existing as close as possible at the repair area. Estimate includes up to 700 units.



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- Estimated Costs: \$17,750.00 (Labor and material warrantee included)
 - Brick Unit Tuck Pointing Repairs – Random Location
 - Scaffolding, access and related equipment as required to complete work of this section.
 - Remove existing deteriorated mortar joints in the brick veneer at the various locations. Clean and saw cut joint or residual debris and mortar. Provide and apply ASTM C-270 type N tuck pointing mortar as required. Finish tooling and mortar color to match existing as close as possible. Approximately 150 square feet included.
 - Estimated Costs: \$5,835.00 (Labor and material warrantee included)
 - Miscellaneous information
 - The proposal was a budget with a scope outline. Several options are available to conduct this work scope in whole, part or phases.
 - Project costs can be reduced on a scale of economy through work scope size.
 - Project scheduling can be integrated with monthly payments with a predetermined payment/work schedule.
 - Annual phases can be developed to achieve the project completeness on a prioritized basis.
 - Financing is available.
 - The proposal document was developed by and is the work product of the Imhoff Company, Inc. from historical experience on religious properties of similar and like design at no expense to the Congregation. They ask that this information remain confidential with the Church and not be shared in whole or part with any other parties without the consent of the Imhoff Company, Inc.
 - Total Proposed Cost - \$254,710.00

Weathermaster Roofing Company

- Bell Tower
 - Remove and replace existing wood roof/deck structure.
 - Re-point exterior tower brickwork mortar joints 100% at all four elevations down approximately 20 feet. Select damaged/deteriorated mortar joints only for re-pointing on balance of tower walls down to roof level on two sides and ground level on two sides. Re-point interior tower parapets from coping down to roof flashing 100% on all four sides.
 - Replace all loose, damaged or spalled brick in the four exterior tower wall elevations and in all interior parapet brickwork.
 - Apply Edison System 45 stone repair mortar over all exposed concrete/stone trim bands and belfry arches.



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- Replace five severely deteriorated, decorative figured arch stones at belfry level.
 - Clean all restored masonry and all elevations of the tower.

 - Apply clear penetrating water repellent/consolidator to all tower elevations.
 - Concrete Coping stone
 - Option 1 – Replace all coping with new limestone units of same size and shape.
 - Option 2 – Repair existing concrete coping to sound condition and cover with custom bent copper cladding (SRC & WMR).
 - New roof system on re-built plywood deck
 - Alternate 1
 - Fabricate and install new 20 ounce flat seam soldered copper roof system.
 - Shop fabricate 20-oz. interlocking panels.
 - Install on field of roof using clips.
 - Fully solder all panel seams 100%.
 - Fabricate and install new thru-wall scupper box.
 - Tie roof into new roof drain.
 - Fabricate and install new copper counter set in newly cut reglet with lead wedges and sealed with NP1 urethane sealant.
 - Estimated cost - \$12,500.00
 - Alternate 2
 - Install new .090 fully-adhered EPDM roof system.
 - Fully adhere new .090 thick EPDM to plywood deck and extend up parapets 12”.
 - Terminate all EPDM flashings with aluminum termination bar at 12” on center.
 - Flash new copper scupper to EPDM roof.
 - Clam EPDM under new drain clamping ring assembly.
 - Fabricate and install new copper counter set in newly cut reglet with lead wedges and sealed with NP1 urethane sealant.
 - Estimated cost - \$5,600.00
 - Estimated Cost
 - With Option 1 - \$113,500.00 plus selected roof alternate
 - With Option 2 - \$114,500.00 plus selected roof alternate
 - Repairs to remaining Church Proper



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- Clean all brick façade elevations
 - Selective mortar joint re-pointing throughout with all deteriorated areas sounded out and repaired to a uniform appearance. Match and blend mortar consistency and color to original.
 -
 - At the spalled and damaged brickwork, replace units in kind, with the best possible available match.
 - Clear penetrating water repellent will be applied to all masonry elevations in two coats, wet on wet.
 - Gable coping stones will be stabilized, repairing deteriorated/spalled units, as required, before a 100% coating with System 45 is applied.
 - Install a new 2"X2" copper counter with a 3/4" hem/drip in bed joint of sloped gable coping stones.
 - Main front cross will be cleaned, stabilized and restored with System 45 application.
 - Remove and replace individual buttress caps with new limestone units set on new copper thru-wall flashing with drip edged bases.
 - At flat roof behind tower, the chimney will have the upper three feet 100% cut out and re-pointed with the balance repaired, as needed, to the roof line. The existing cap will be repaired to match to original and the brick will be cleaned and sealed top to bottom.
 - Clean and remove existing copper counter flashing after separating from lower step flashing.
 - Fabricate and install new copper counter flash set in new bed joint cut by mason crew.
 - Utilize manlift to access work.
 - Estimated cost - \$105,000.00
 - Total Proposed Cost depending on options ranges from \$224,100.00 to \$232,000.00

Phase I – Bell Tower Restoration:

This project is the first of two work phases to stabilize and restore the exterior of the Church building. This phase is centered on the Bell Tower. Work includes removal of the existing flat roof, tearing down the walls to the level of the bell floor then rebuilding the walls and roof back to the original height. Replace the capstones with new to secure the brickwork from weather. The erection of the scaffolding is part of this phase and has already been completed. We anticipate the actual construction work to begin in the early part of spring 2010.



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Phase I work schedule:

- Fall 2009 erect scaffolding and netting to protect the area from falling debris. Secure the bell tower roof to avoid further leaks.
 - Cost: \$35,575.00
 - Paid to date: \$28,460.00
 - The money was borrowed from the endowment fund and will have to be paid back.
- Winter 2009-2010
 - Plan design options
- Spring/Summer 2010 – Bell Tower repairs. Demolish existing and reconstruct to original design the upper 6 feet of the bell tower from the battlement to and inclusive of the water table above windows. This includes construction of a new roof, the removal and replacement of the gothic style bell tower head openings. As much as possible bricks removed during the demolition will be cleaned and stored for use in other areas.
 - Cost: \$133,545.00
 - NOTE: Architectural and construction detail changes that are period and style correct e.g. alteration of battlement design or substitute materials and window head design if simplified will reduce the costs.

The total cost of Phase I is \$169,120.00.

Phase II – Front Façade and Miscellaneous Repairs:

Phase II of the restoration project will be to stabilize and restore the front façade, peak cross and the various transepts on the sanctuary part of the Church building. This work will also include repairs to roof flashing and other brick repairs as needed. We anticipate that this phase would begin late summer of 2010 pending financing.

Phase II work schedule:

- Summer 2010 – Sanctuary Walls – New lead coated copper coping stone caps will be installed at all elevations including the front elevation (Façade) and north and south transepts. New lead coated copper pier stone caps and brick side and real wall cladding at the north and south sides where piers rise above the roof line.
 - Cost: \$16,660.00
 - NOTE: Cross and pedestal condition is unknown. If damaged, a replacement sheet metal assembly to replicate the original can be fabricated and installed at an additional cost to be less than replacement of the cast stone.
- Summer 2010 – Tower/Sanctuary Flashing – Rebuild the cricket area between the sanctuary roof and tower walls. The existing Vermont slate will be removed, salvaged and reinstalled as required to install new ice and water shield with the



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- metal cricket. New number 30 asphalt saturated roof felt, two plies, with one layer of Grace ice and water shield underlayment will be installed. A new lead coated copper cricket/valley and related perimeter between the Sanctuary roof where it meets the north side of the bell tower will be installed.
- Cost: \$19,205.00
 - Fall 2010 – Sanctuary Roof Gutters – new lead coated copper flanged style gutters sized for the size and type of roof on the Sanctuary will be installed. New lead coated copper leaders and custom made gothic style leader head collection boxes are also to be installed.
 - Cost: \$26,140.00
 - Spring 2011 – Sanctuary Walls Brick Repairs – existing cracked/displaced brick veneer at various locations at the side elevation walls will be removed. The underlying structure will be repaired and prepped for new or salvaged brick veneer to be installed.
 - Cost: \$17,750.00
 - Summer 2011 – Sanctuary walls tuckpointing – existing deteriorated mortar joints in the brick veneer at various locations will be removed and ASTM C-270 type N tuck pointing mortar will be applied as required. Finish tooling and mortar color will match existing as close as possible.
 - Cost: \$5,835.00

Total cost of Phase II: \$ 85,590.00

The cost of exterior restoration: \$ 254,710.00

NOTE: As noted in several places above, design options and materials can alter the cost of the project. Those figures are not available at this time, but will be noted as details are worked out. The contract is written such that the Trustees have the option to eliminate any of the proposed work. The Church pays only for work completed.

Organ Replacement:

The current organ was manufactured by the Conn Organ Company and installed in our Church in the fall of 1976. The electronics used in the organ are of the 1960's vintage and are very outdated. The Conn Organ Company went out of business in the late 1980's.

While we have not had to pay a great deal for repairs, we do continue to have major issues with the instrument. Since 2003, there have been broken metal plate springs for several pedals. At one point Amphenol built several springs that failed during the first use. Currently there are three pedals that have broken springs.



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The organ technician Jim Weibold can no longer find parts, the last parts he found were in someone's garage! In 2007 he disconnected a switch in the speaker above the piano to alleviate a static problem. The result is that some of the original voicing of the instrument is missing either by part or balance.

Other issues include lack of dependability during services and intermittent lack of consistent tones in succession creating uneven voicing in solo passages. In the past, the latter issue could be resolved by cleaning the contacts; however we have been advised that this can no longer be remedied.

In 2007 the Board of Trustees authorized up to \$1,500.00 dollars for organ repairs. The technician inspected the instrument and concluded there was not much that could be

done. This led us to form a committee to seek bids for replacing the organ with a new instrument with similar functionality.

The organ committee sought bids from two reputable companies – the Allen Organ Company and the Carlson Organ Company. The committee selected an instrument from the Carlson Organ Company.

Over a year ago, the congregation agreed to mount a fundraising campaign to replace the current organ. We did in fact start this fundraising and have an organ fund that as of December 31, 2009 has \$7,225.00 dollars in it. However, with the discovery of the Church's structural problems the organ campaign was put on hold. As part of the Capital Campaign we want to complete the funding required to replace the organ.

Proposal Summaries:

Allen Organ Company

The Allen Organ Company proposal was unavailable at press time.

Carlson Organ Company

L. A. Carlson Pipe Organs located at 90 Waters Road, East Greenbush, NY submitted the following proposal with updated pricing on June 1, 2010.

- The new organ will be a three (3) manual and pedal Masterpiece Console.
 - Includes an adjustable bench
 - All structural work to accommodate the new expanded audio system is included in the purchase price
 - Antiphonal audio system included
 - All necessary wiring included
 - Ten (10) year unconditional guarantee.
 - Current proposal price: \$71,615.00
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The proposal price covers the above as well as any and all costs of installation and structural work.

Repairs to the Parsonage:

The Parsonage Committee toured the Parsonage to make sure it is ready when we get a pastor that will need to live there. They reported to the Board of Trustees that the following work would need to be done:

- Repaint bedrooms: There are a couple of bedrooms that need to have the walls patched and repainted. The paint and labor will be donated so this is a no cost project.
- Repairs to the bathroom:
 - Raise shower head
 - Replace tub/shower tiles with a new Corian tub surround.
 - Replace existing toilet
 - Paint walls
 - Cost is approximately \$2,000.00

**Completed
prior to
Pastor
Susan
Heafield's
arrival**

Replacement of the Church thermostat system:

Some components of the current thermostat system in the Church are becoming obsolete. It has become difficult to find replacement parts for this system and several valves have been identified as needing replacement. This is one of the projects that we anticipate will need to take place sometime in the next two to three years.

Proposal Summaries:

Air Temp:

- Replace the entire pneumatic thermostat system with a new computerized thermostat system. This proposal includes:
 - The disconnection and removal of the current pneumatic control system.
 - Installation of an Automated Logic (ALC) Native BACnet Building Automation System (BAS). This building management system will include one LGR-25 communication router/gateway.
 - Install one control panel in the boiler room to house the BAS controls.
 - Install one ALC single equipment control module which will control the existing hot water boilers. Control and status of combustion air intake louver will also be maintained by this control module.
 - Install one outdoor air temperature sensor whose function is to control the boiler HW reset temperature and automatically shutdown the boiler based upon outdoor air temperature to save energy.
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- Install all ALC control modules to provide point for point replacement of the Church's pneumatic control system.
- Install fourteen (14) 2-way hot water zone control valves complete with actuators. These valves will be installed within the baseboard enclosures.
- Install fourteen (14) zone/space temperature sensors. Temperature sensors will have set point adjustment and occupied/unoccupied override adjustments.
- Furnish all labor to drain hot water system, refill and purge after valve installation.
- Furnish and install all necessary hot water piping required to install the 14 new 2-way control valves.
- Install all ARCnet 156 low capacitance wire for the high-speed communication loop.
- Install all necessary power transformers, relays and sequencers for proper system operation.
- Install all necessary power wiring to transformers and control panel.
- Install all necessary low voltage input/output control wiring to sensors, control valve actuators and controllers.
- Complete system start-up and owner training.
- One year warranty on all new parts and labor
- Cost: \$39,455.00
- Additional options:
 - Bear's classroom upgrade: Provide and install all materials for the addition of a new head zone to this classroom. This work will include all new electronic controls and hot water piping modifications.
 - Cost: \$2,165.00
 - Boy Scout Room upgrade: Provide and install all materials for the addition of a new heat zone to this area. This work will include all new electronic controls and hot water piping modifications.
 - Cost: \$4,845.00
- Total Cost for Option 1 ranges from \$39,455.00 to \$46,465.00 depending on additional options selected.

Ray Baldwin:

Ray believes that our current pneumatic system is still a viable system but does need some updating to replace components that are no longer serviceable.

- Replace the 12 existing thermostats with Johnson T4002-201 thermostats at \$125.00 each for a total of \$1,500.00
 - Replace the 12 existing control valves with Johnson V3801-8001 ¾" valves at \$95.00 each for a total of \$1,140.00
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- Labor for installation of new thermostats and valves:
- Addition of a new heat zone for the Scout room to include the purchase and installation of a Honeywell zone valve, thermostat, transformer material and labor: \$425.00.
- Total for this proposal: \$3,065.00 + labor.

Interior Upgrades:

Each year the Trustees walk through the Church both inside and outside making note of things that need attention. Last spring there were major roof leaks above the Craft Room at the top of the main stairs as well as in the hallway by the District Office. The roof above the Craft Room has been repaired and the issues around the District Office are addressed with the bell tower reconstruction. However, we need to repair the damaged interior areas. The craft room a complete overhaul: ceiling, lighting, electrical work, painting, window treatments and floor refinishing. Much of the electrical service in the classrooms should be brought up to current code and the lighting needs upgrading. The Pastors office space is too small and is not adequate for meetings. It will be necessary

soon to determine how best to restructure the office area. The Trustees recommend using volunteers to do the painting helping to reduce the cost.

Craft Room:

The proposed work will include removing the existing tile ceiling and any other ceiling structure to enable access to the electrical circuits. Repair/replace any damaged or missing insulation in the ceiling. Upgrade the ceiling lights with new energy efficient light fixtures, removing any obsolete or defective electrical components (See Lighting Upgrades section below for details). Replace the ceiling with a suspended ceiling that will allow access to electrical components in the future. Inspect and upgrade other electrical circuits making sure that all outlets are grounded outlets. Repaint the walls. Refinish the hardwood floor and install new window treatments.

Youth Room, Youth Office, all classrooms, bathrooms and hallway:

Paint ceiling and walls. Inspect electrical circuits to ensure properly installed grounded outlets of sufficient quantity are used. Remove baseboard tiles and replace with vinyl. The cost of this would be for paint, any electrical work and the removal of the baseboard tiles replacing them with vinyl.

Tri-Town Nursery rooms, finance office, hallway and bathrooms:

Inspect electrical circuits ensuring that properly installed grounded outlets of sufficient quantity are used. Remove baseboard tiles and replace with vinyl.

Pastor/Main Office:



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The Pastors office is small and outdated. A team was put together to review the current space and make a recommendation.

District Office Area:

Repair damages done when the bell tower roof leaked. Wall repairs and repaint.

Lighting Upgrades:

We received an estimate from Westcott Electric a company that has done extensive electrical work for us in the past. His estimate breaks down as follows:

- Craft room: Install approximately ten (10) new 2'X4' 3 lamp acrylic lens fixtures with high performance T8 lamps and ballast. These are the same as what was installed in the Boy Scout room.
 - Material & Labor: \$1,600.00 (\$160.00 each)
- Class rooms on 1st and 2nd floors: Replace existing light fixtures with approximately thirty-two (32) 8' fixtures.
 - Material & Labor: \$7,000.00 (\$218.75 each)
- Hall lights: Replace existing hall lights with approximately seven (7) square white lights with compact fluorescent lamps.
 - Material & Labor: \$1,540.00 (\$220.00 each)
- Old fixture disposal fee: \$300.00
- Miscellaneous work:
 - Three (3) heaters not working correctly trace out, access and repair circuit.
 - Cost: \$300.00
- Total Lighting Upgrade: \$10,440.00

Handicap accessibility to all levels:

We currently have a chair lift that provides handicap accessibility to the basement. In the future, we need to provide handicap accessibility to all levels. The Trustees have studied the possibilities of an elevator and replacing the current chairlift with a new system that could provide access to all levels of the Church building.

Elevator:

The Board of Trustees had Accessibility Solutions, Inc. (ASI) come to look at the feasibility of installing an elevator that would access all levels of the Church building. The most logical location would be where the existing main stairs are located. That location would require the least amount of structural change; steel support structure, plumbing, etc. The elevator and mechanical would be \$25,890.00 in addition to work required for the shaft and mechanical room, power, etc. We did not pursue this any

further. An engineer and architect would need to be hired to determine what structural changes would need to be made to place the elevator at the proposed location. Only after



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this study could we get any estimates for the work not covered by Accessibility Solutions Inc.

ASI proposed installing a Model 100 or 200 Hydraride HIH Accessibility Lift manufactured by Inclinator Company of America to serve the basement, entry, 1st and 2nd floors of the Church. This lift has the capacity of 750 lbs, includes 4 stops with a speed of 36 feet per minute. It requires a 220 volt 1 phase power supply. The lift has a travel distance of approximately 19 feet. The car would have two opposing openings. A machine room would need to be located on the 1st floor next to the hoistway.

Work to be completed by others includes: the construction of the hoistway and machine enclosure with access door, extension of power supply to machine enclosure, provide and install 4 code-compliant hoistway doors with suitable fire rating, install 2”X12” fir post for lift track, provide suitable base and support for machine, provide 12” pit at lower landing, provide wide rough opening to insert cab, provide fusible lockable disconnect for cab lights, secure services of licensed architect and/or engineer to determine code conforming shaft construction, removal of construction debris.

New chairlift system:

As an alternative to an elevator, the Trustees sought a proposal to use a chair lift system for handicap accessibility for all levels of our building. There are two options to consider.

Option 1 – Accessibility Solutions, Inc proposes to replace the existing chair lift system with a new Model 950 Stairchair manufactured by Sterling Stairlifts to serve the basement to entry level. This does not address full handicap accessibility for the Church. The unit is furnished with the following: 90 degree swivel with folding seat & footrest, constant pressure up-down control on unit, seat belt, color from manufacturer’s standard, wireless remote call/send controls, batter operation, public building package (no key call/sends), 300 lb. capacity. Work to be completed by others: Provide a 110 volt 20 amp outlet as directed.

The cost of this option is: \$2,980.00

Option 2 – Accessibility Solutions, Inc proposes to furnish and install an Electra-Ride III Stairchair as manufactured by Bruno Independent Living Aids, Inc to serve the entry level to 1st and 2nd floors. The unit will be furnished with the following: Locking swivel seat at both landings, retractable seat belt, battery operation, public building package, 2 – remote call/send controls, folding seat, arms and footrest, a 350 lb. capacity. Work to be

done by others: provide a 110 volt 20 amp outlet as directed (NEC requires that this outlet be dedicated).



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The cost of this option is: \$13,890.00

Total cost of Handicap accessibility: \$16,870.00

Both options include any warranty and guarantee provisions of the equipment manufacturer. The manufacturer does NOT include labor and other incidental expenses, but strictly limits his obligation to the replacement of defective parts delivered to his place of business for two (2) years, five (5) years on the motor and transmission (upholstery excluded). Accessibility Solutions, Inc. will provide a one (1) year warranty and guarantee on all parts, labor and expenses. The warranty and guarantee service shall be performed during normal business hours and shall exclude mis-use, fire damage, water damage and other situations beyond their control. The manufacturers recommend that routine maintenance on the units should be performed at a minimum of two times per year by the lift installer.

Handicap Bathroom:

There is no handicap bathroom on the main level of the Church. The Trustees are looking into ways to provide a handicap bathroom. Initial thoughts are that making changes to the Ladies room may be the best alternative. The estimated cost is \$8,000.00

Technology needs:

In an effort to reach out to people in our community, we would like the ability to broadcast our Sunday morning worship services to other rooms within the Church building. Interviews of young people with families have shown that there is an interest in this type of service.

We are aware that it is difficult for the people sitting in the back half of the sanctuary to see what is going on in the front, especially during children's time. A flat screen HD TV mounted above the archway between the sanctuary sections could be used to help those in the back see better.

The tape player/recorder does not work correctly. The unit no longer auto reverses the tape direction when recording the service. The audio technician has to manually remove the tape and flip sides. This causes a gap in the recording and usually occurs about mid way through the sermon. The CD player was on loan and also does not work correctly.

We propose to replace both units with a single rack mounted unit such as the one described below.



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Proposal 1:

Obtain and install a digital camcorder, video distribution amplifier, HD television(s) and required cabling to broadcast the Church service to the Fellowship hall during Holy Grounds Café operating hours.

- Option 1: Professional camcorder
 - Canon XH-A1s 3CCD HDV Camcorder - \$3,395.00
 - Video Distribution Amplifier: AJA HD5DA 1x4 HD-SDI Distribution Amplifier - \$295.00
 - 75 to 100 feet of video cable - \$100.00
 - HD Television – LG 47SL80 47” LCD TV - \$1,249 - \$1,899
 - Wireless transmitter/receiver: \$300.00

- Total for Option 1: \$5,339.00 - \$5,989.00 depending on equipment options

- Option 2: Camcorder
 - Canon VIXIA HF M31 Dual Flash Memory Camcorder - \$799.00
 - SanDisk 16GB Video HD SDHC Memory Card = \$49.95
 - Video Distribution Amplifier: AJA HD5DA 1x4 HD-SDI Distribution Amplifier - \$295.00
 - 75 to 100 feet of video cable - \$100.00
 - HD Television – LG 47SL80 47” LCD TV - \$1,249 - \$1,899
 - Wireless transmitter/receiver: \$300.00

- Total for Option 2: \$2792.95 - \$3,442.95 depending on equipment options

Proposal 2:

Install a flat screen TV in the back half of the sanctuary and broadcast the Church service to it. This will enable people, especially children sitting in the back to more readily see what is going on in the front of the Sanctuary.

- HD Television – LG 47SL80 47” LCD TV for back half of sanctuary - \$1,249 - \$1,899

Proposal 3:

The cassette recorder no longer automatically reverses tape direction when recording the service. We would like to replace this unit with a new one that will automatically reverse tape directions while recording and also has a CD player.

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- Tascam CD-A550 CD Player and Cassette Recorder - TASCAM has updated its best-selling combination CD players/cassette recorders to the **CD-A550**. Like TASCAM's CD-200, the new model uses TEAC's new CD-5020A drive



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mechanism, designed for audio playback with a smooth loading drawer and low clamping noise. New features include MP3 and WAV file playback, CD Text display, Auto Cue and Auto Ready. Also new is the digital output and pitch control for both the CD and cassette mechanisms.

The CD-A550 is a combination CD player and cassette recorder with unbalanced phono inputs and outputs. Contractor-specific features such as power-on play, a wired remote control, rackmountable design and CD shock memory ensure reliable performance.

- Approximate cost: \$350.00

Total Technology costs: \$4,391.95 - \$8,238.00 depending on equipment options selected.