Date: October 21, 2015

To: Senator Kay Wolf and members of the Joint Committee on State Building Construction

From: Lori Hart, Interim General Manager, Kansas State Fair

Re: Kansas State Fair - Capital Improvement Projects and Priorities

Overview: The Kansas State Fair employs 25 full-time year round staff and approximately 550 temporary, part-time employees during the annual Kansas State Fair. Throughout the year the staff is charged with hosting over 500 non-fair events, maintaining 280 acres with over 70 structures. We are funded through the fees our agency generates with a majority of those revenues received during the Fair. The Kansas State Fair maintains a preventative maintenance plan that evaluates each building in regards to general upkeep, major improvements and future uses. The State's match to the capital improvement fund is vital to the continued success of the Kansas State Fair. Attached is the history of the State Fair and Funds from the State to the Capital Improvements Fund.

To assist us with our planning, the Kansas State Fair has hired a consulting firm, Keefer/Overton to assist with the development of a facilities master plan, scheduled to be presented in spring of 2016.

Current and Completed Projects from the Capital Improvements Fund:

- 1. Refurbished outside of the Eisenhower Building
- 2. Refurbished the exterior of the Boy and Girl Scout Buildings at Lake Talbott
- 3. Fans added to the 4-H Centennial Hall
- 4. Continue much needed asphalt repairs
- 5. Improved parking lot security lighting
- 6. Landscape development and beautification of the grounds
- 7. Enlarged the drive through gate at entrance 10.
- 8. Domestic Arts outside brick tuck pointing

Buildings renovated or constructed during the Master Plan in the early 2000's are now at an age when repairs and upkeep are essential.

Priorities:

Expo Center (1964) Horse/Equine

The Expo Center has hosted an average of 38 non-fair events resulting in 150 days of usage above and beyond the ten days of the Kansas State Fair.

- 1. Roof replacement
- 2. Moisture and corrosion issues related to anchor bolts, baseplates, columns, wall girts and roof purlins.
- 3. Restrooms

Attached is the Structural Review provided by Engineering Consultants in 2013 and provided to this committee last October

Recommended Action: Replacement of structure. Attached are project quotes from Wiens & Company for replacement of the Expo Center dated 2013 and provided to this committee in 2014.

Attachment 36 Jose 10-21-15





Recommended Action: Replacement of structure. Attached are project quotes from Wiens & Company for replacement of the Expo Center dated 2013 and provided to this committee in 2014.

Bison Arena: (1937) 4-H Dog show/Miniature Horse/Sheep Dog Trials/Antique Tractor Pull Also known in the early days as the 4-H Livestock Arena, Grand building.

- 1. Fire Marshall requests Emergency Exit Doors: Currently utilizing overhead doors in Bison Arena and are not approved emergency exits.
- 2. Fire Sprinkling and Fire Alarm System
- 3. New Roof

Recommended Action: Kansas State Fair to work with the Fire Marshall to review timeline as it relates to the Master Plan recommendation and future use of the facility. Otherwise we will need to make the emergency exit door improvements by the 2016 Fair at an estimated cost of \$116,060 or find alternative locations or cancel the activities held in Bison Arena.



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State Fair Capital Improvement Fund Matching History

The State Fair Capital Improvements and Maintenance Fund was authorized by K.S.A. 2-223 in 1988.

On June 30, 1989, and each year succeeding June 30, the Fair is to contribute at least (5) percent from its qualified receipts to maintain and generate further balances in the Fund. On July 1, 1989, and each succeeding July 1, the State of Kansas will transfer an amount equal to that contributed by the Fair, but not to exceed \$300,00 in any one annual, single fiscal year.

Fiscal Year	State Fair Contribution	State Contribution	Amount State Yet to Match
1989	\$87,551	N/A	
1990	Exempt	\$87,551	
1991	\$149,779	Exempt	
1992	\$107,927	\$149,779	
1993	\$117,016	\$107,927	
1994	\$145,657	\$117,016	
1995	\$153,164	\$145,657	
1996	\$196,882	\$153,164	
1997	\$113,168	\$196,882	
1998	\$260,000	\$113,168	
1999	\$300,000	\$260,000	
2000	\$300,000	\$300,000	
2001	\$300,000	\$300,000	
2002	\$158,000	No Match Made	\$300,000
2003	\$243,000	\$294,000 (\$158,000 to	\$300,000
		match: additional for	
		storm damage repair)	
2004	\$300,000	No Match Made	\$543,000
2005	\$200,000	No Match Made	\$843,000
2006	\$25,000	\$200,000	\$843,000
2007	\$300,000	\$25,000	\$843,000
2008	\$300,000	\$300,000	\$843,000
2009	\$200,000	\$300,000	\$843,000
2010	\$300,000	No Match Made	\$1,043,000
2011	\$350,000 - \$300,000 budgeted by KSF; \$50,000 added from Fee Fund by the Division of Budget	No Match Made	\$1,343,000
2012	\$350,000 - \$300,000 budgeted by KSF; \$50,000 added from Fee Fund by the Division of Budget	\$159,207\$	\$1,483,793
2013	\$250,000	\$400,000	\$1,383,793
2014	\$300,000	\$250,000	\$1,383,793
2015	\$300,000	\$400,000	\$1,283,793
2016	\$300,000 budgeted	\$100,000	\$1,483,793



May 30, 2013

Mr. Keith Schroeder Physical Plant Manager Kansas State Fair 2000 North Poplar Hutchinson, KS 67502

Re: Kansas State Fair Expo Center - Structural Review

2000 North Poplar - Hutchinson, KS

EC Project Number: 13-069

Dear Mr. Schroeder.

On April 23rd, 2013, Engineering Consultants, PA reviewed the structural condition of the Expo Center building on the Kansas State Fairgrounds at 2000 North Poplar Street in Hutchinson, KS. This evaluation, sought by the Kansas State Fair, was intended to evaluate the condition of the pre-engineered metal building (PEMB) structure, in particular the corrosion that is visible in the PEMB components, and to render an opinion on the condition of the building and whether it is prudent to invest significant money into building renovations. Brent L. Engelland, P.E., S.E., LEED® AP, along with D. Kelly McMurphy of Landmark Architects and Engineers performed the evaluation. The structure was viewed from the interior and exterior and digital photographs were taken. No materials testing or evaluation, nor structural analysis, was completed as part of this scope of work.

KSF Expo Building - Observations:

- The structure is a three bay PEMB with primary frames running east-west. The center bay is a clear-span over the livestock arena and there are two small "leanto" bays east and west of the clear-span. The east and west bays have concrete slab flooring while the majority of the arena is a dirt floor. Per KSF personnel, the majority of the building previously had a dirt floor and livestock pens along the east and west sides.
- The building has a history of corrosion at the baseplate level due to the moisture and manure associated with livestock. There are a number of main frames which have repaired baseplates due to an apparent near failure of a primary frame that had released from its anchor bolts due to corrosion.
- Moisture and corrosion continue to be an issue in the building as anchor bolts, baseplates, columns, and secondary PEMB framing (light gauge wall girts and roof purlins) continue to show signs of corrosion.
- The primary focus of the structural review was the condition of the baseplates and anchor bolts for the PEMB structure. All of the baseplates and anchor bolts were reviewed and their condition was documented (a plan of the anchor bolts and notes regarding their condition are attached). The vast majority of these anchor bolt/baseplate conditions are showing rust of some degree.
- One of the most prevalent and most concerning aspects of the corrosion at the base of the structure is the corrosion of the anchor bolt nuts. In some of the

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cases the nuts have rusted completely off and in a majority of the cases the nuts are showing rust and severe corrosion. For the main frame baseplates (column lines B and C on the attached diagram) over ½ of the locations have rusted off anchor bolts. When heavy rust of the baseplate is included, the number of severely corroded anchor bolt/baseplates on the primary frame columns jumps to 65%.

- The outer bays of the structure (column lines A to B and C to D on the attached diagram) still have dirt floors in most locations. A majority of these column bases have heavy rust on the structural steel column and baseplate or on the anchor bolts.
- In addition to the base conditions of the frames, a number of areas of roof purlins were spot-checked via a man-lift to verify the condition of the roof purlins. It was discovered during this review that there are a number of areas of roof leaks. In these areas the insulation was soaked and the leaks have lead to corrosion of the light-gauge roof purlins.
- The dimensions and gauge of the purlins was verified so that the capacity of the purlins could be determined. Through the structural calculations using the field collected data, it was determined that the live load capacity of the roof purlins is 20 psf if the purlins are made from at least 55 ksi yield strength material. If the purlins are made from only 33 ksi yield strength material then the allowable live load drops to 14 psf. The building code required minimum roof live load is 20 psf. This means that the purlins are either designed right at the allowable load, or are below the required Code loading, depending on the material used. Since materials testing was outside of the scope of this investigation no further conclusions can be drawn.

KSF Expo Building - Conclusions:

- The condition of the existing baseplates, anchor bolts, and anchor bolt nuts is a serious concern on this building. The numerous locations where the anchor bolt nuts have rusted away completely impacts the structural integrity of the building. Without the anchor bolt nuts in place and tight, the structure has no ability to resist uplift loads in a high wind event.
- Additionally, the corrosion at the anchor bolts and baseplates also impacts the structural integrity of the building, in particular the ability of the foundations to resist the outward thrust that results from the clearspan center section. The center arches must be adequately connected to a foundation that is capable of resisting the arch thrust and the connection of the baseplate and anchor bolts is how the structure achieves this.
- The condition of the roof purlins is also a concern for the building structure. The
 wet insulation is likely leading to additional corrosion on the top flange of the
 purlins that is currently not visible.

KSF Expo Building - Recommendations:

 All of the corroded anchor bolts, baseplates, and anchor bolt nuts need to be repaired or replaced. The process to achieve this will be challenging as the corrosion of the anchor bolt nuts is likely to have left many of the anchor bolt

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- threads in a condition that will not accept a new nut without extensive cleaning and possibly chasing the threads with a thread cutting tool to re-form them (this may not even be possible given the limited clearances).
- If the anchor bolt threads will not accept new nuts, or if the anchor bolts are corroded and have lost cross-sectional area, then new adhesive anchor bolts will need to be installed. If the baseplates are not corroded then the new anchor bolts may be able to be installed adjacent to the existing anchor bolts. However, many of the frames also have corroded baseplates that will require replacement.
- The corroded roof purlins should be replaced with new members. During this process the remainder of the roof purlins should be reviewed to locate additional areas of corrosion. We estimate that a minimum of 10% of the roof purlins in the structure will need to be replaced as a result of corrosion. If the structure is desired to be saved and renovated, the purlin replacement would be most easily accomplished when the roofing panels and insulation are removed.
- As a result of this study, we recommend that any plans to renovate and/or improve the existing structure should first include a fiscal analysis that takes into account the necessary repairs of the existing structure. This fiscal study should be completed prior to any other planning work to determine the costeffectiveness of keeping, repairing, and renovating the existing structure, versus demolition and constructing a new structure. As a point of reference for that study, we estimate that the repair costs for a single location of anchor bolt cleaning, re-threading, and repair would be around \$3,500. The more simple clearing and minor repairs of baseplates could be around \$1,000 each. If it is assumed that 20 locations require the full cleaning or repair, and 25 more require just the simple level of repair, the costs for just the anchor bolts and baseplates could easily exceed \$95,000 to \$100,000. We also estimate that at least 10% of the roof purlins will need to be replaced and that number could easily climb to 30% or more once the saturated insulation is removed and the corrosion on top of the purlins is visible. When the costs for a new roof are estimated these purlin costs should also be included to get an accurate estimate.

We have been pleased to be of service to you in this matter. Please do not hesitate to call with questions or comments.

Sincerely,

ENGINEERING CONSULTANTS, P.A.

Brent L. Engelland, P.E., S.E., LEED® AP

Attachments

Photos

Structural Review Diagram

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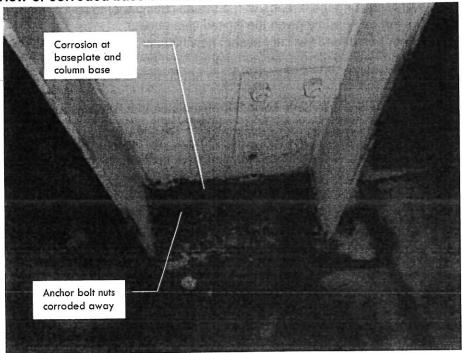
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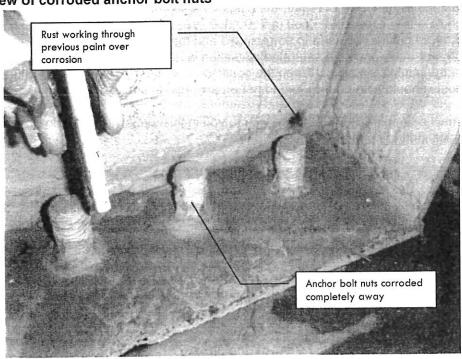
36-6



Typical view of corroded base condition



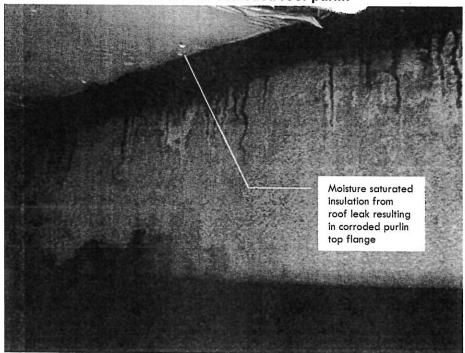
Detail view of corroded anchor bolt nuts



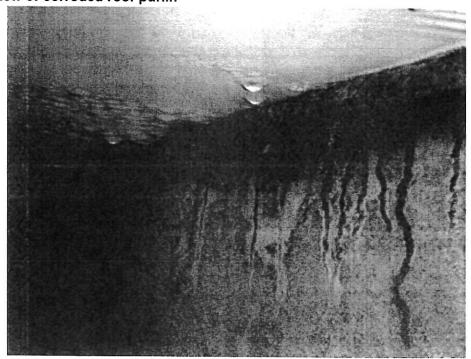
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Typical view of saturated insulation and corroded roof purlin



Detail view of corroded roof purlin



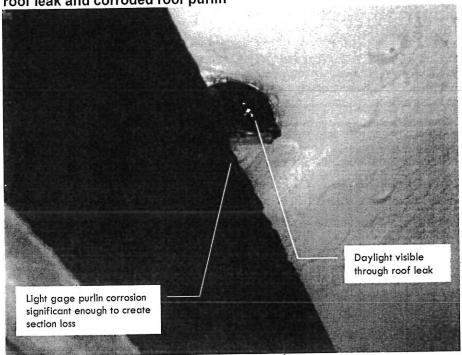
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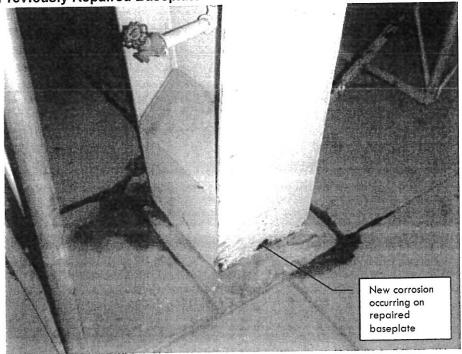
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Detail of roof leak and corroded roof purlin

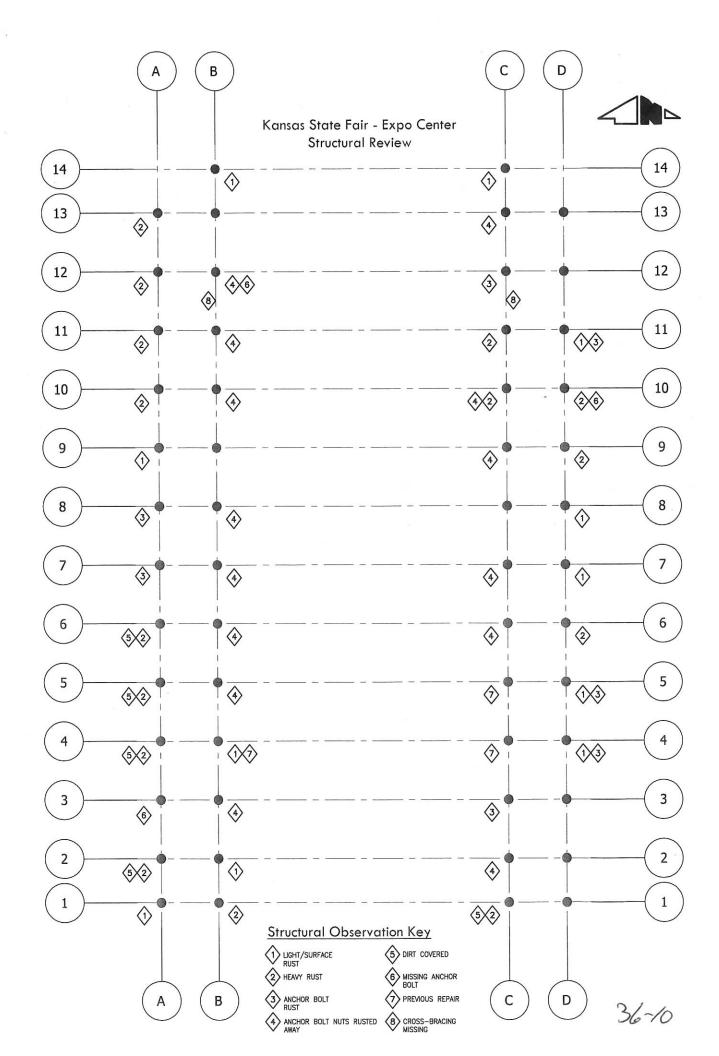


View of Previously Repaired Baseplate



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September o, ZU13

Mr. Keith Schroeder Director of Maintenance Kansas State Fair 2000 N. Poplar Hutchinson, KS 67502 WIENS & COMPANY

219 N. Whiteside, P. O. Box 490 Hutchinson, K\$ 67504-0490 620-665-1155 / Fax 620-665-0911

Re; Kansas State Fair Expo Building
Budget for Replacement of the Expo Building

Dear Keith,

After my submission of our budget for the foundation repair at the Expo Building, you requested that I do a work-up of a budget to replace the building. Accordingly, I am suggesting a budget that includes work described below.

Please note that a budget projection based on my assumptions, multiplied by many variables, can only produce a number that is imprecise, ambiguous, nebulous, and vague at best!

Project Description:

The project would include demolition of the existing Expo Building, replacement with a building of similar size (65,000 SF), but improved features. The description below is a skeletal in nature, with many details to be determined.

General Conditions

Supervision; Temporary connections & services; Equipment & Vehicles

Site Work

- · Complete demolition & removal of the Existing Building
- Site preparation for the new structure
- · Site utilities; Temporary protections; Site improvements

Concrete

- · Footings as required, with reinforcement
- Stem-walls & piers to provide a building bearing elevation raised 4' above grade
- Floors: 5" floors at approximately ½ of the building; Remainder to be dirt floor in arena
- Miscellaneous site paving & walks

Masonry

- CMU walls at restrooms & kitchen area with pre-cast structure above for storm protection
- Minimal brick accents

Steel

Misc. Steel fabrications allowed

Pre-Engineered Metal Building

Clear-span structure; Standing seam roof; Insulated roof

Carpentry

Misc. Cabinetry & counters

Openings

- · Storefront at main entries
- Steel doors elsewhere
- Overhead doors allowed
- Basic louvers

Finishes

- Misc. Drywall assemblies allowed
- · Misc. Painting allowed
- Misc. Ceiling allowed
- Allowance for tile at restrooms

Specialties

· Toilet partitions allowed

Equipment

Budget for Kitchen Exhaust Hood packages

Plumbing

- · Approximately 50 toilets / urinals
- "Gang" wash stations at restrooms
- · Fixtures at kitchen, utility, etc.
- · Water sources throughout building

HVAC

- · Heating & A/C at restrooms, kitchen, eating area
- Exhaust systems at main area
- Space heaters or radiant heaters at main area
- Air movers

Electrical

Service, Power & Lighting

ahe Vim

Not Included

- Utility charges
- Furnishings; Loose fixtures; Signage
- · Equipment: bleachers; stalls; arena fencing; etc.
- Sales Taxes

I projected a budget range \$4,750,000 to \$5,550,000. See the attached worksheets for further reference. Again, please understand that these figures are very loose and subject to many variables, including Architectural & Engineering considerations that I may not have anticipated.

Thank you for the opportunity to be of service. If I can answer any questions, please call.

Yours Truly,

Sid Wiens

S State Fair - Expo Building Replaceme	ent			65,000	SF	22	
		Formulas	<u>i</u>		\$ / Line	<u>%</u>	\$/SF
1110 Administration	65000	\$0.50	1	1	32,500	0.6%	0.5
1200 Supervision	65000	\$0.75	1	1	48,750	0.9%	0.7
1140 Temporary Services	65000	\$0.30	1	1	19,500	0.4%	0.3
1410 Fuel / Milage	65000	\$0.30	1	1	19,500	0.4%	0.3
1510 Equipment Rental	65000	\$1.75	1	1	113,750	2.0%	1.7
1610 Dumpster & Cleanup	65000	\$0.30	1	1	19,500	0.4%	0.3
1630 Warrantee	65000	\$0.15	1	1	9,750	0.2%	0.1
2210 Survey / Layout	65000	\$0.30	1	1	19,500	0.4%	0.3
2220 Demolition	65000	\$3.00	1	1	195,000	3.5%	3.0
2310 Site Prep	65000	\$5.00	1	1	325,000	5.9%	5.0
2410 Temporary Protections	65000	\$0.15	1	1	9,750	0.2%	0.1
2420 Site Utilities	65000	\$0.75	1	1	48,750	0.9%	0.7
2510 Permanent Site Improvements	65000	\$0.20	1	1	13,000	0.2%	0.2
3110 Footings	65000	\$3.50	1	1	227,500	4.1%	3.5
3210 Concrete Walls & Peirs	65000	\$3.50	1	1	227,500	4.1%	3.5
3310 Precast Concrete	65000	\$0.50	1	1	32,500	0.6%	0.5
3510 Floors	65000	\$4.00	0.5	1	130,000	2.3%	2.0
3520 Paving	65000	\$0.50	1	1	32,500	0.6%	0.5
3530 Curb & Gutter	65000	\$0.25	1	1	16,250	0.3%	0.2
3540 Sidewalks	65000	\$0.35	1	1	22,750	0.4%	0.3
3610 Stairs & Odd Construction	65000	\$0.25	1	1	16,250	0.3%	0.2
4110 Masonry	65000	\$1.50	1	1	97,500	1.8%	1.5
5110 Rebar	65000	\$1.25	1	1	81,250	1.5%	1.2
5210 Structural Steel	65000	\$0.75	1	1	48,750	0.9%	0.7
5250 Pre-Engineered Metal Buildings	65000	\$17.50	1	1	1,137,500	20.5%	17.5
5710 Metal Specialties	65000	\$0.25	1	1	16,250	0.3%	0.2
6100 Rough Wood Carpentry	65000	\$0.10	1	1	6,500	0.1%	0.1
6510 Finish Carpentry	65000	\$0.15	1	1	9,750	0.2%	0.1
7910 Caulking & Firesafing	65000	\$0.15	1	1	9,750	0.2%	0.1
8130 Storefront	65000	\$0.60	1	1	39,000	0.7%	0.6
8210 Overhead Doors	65000	\$0.50	1	1	32,500	0.6%	0.5
8310 Doors & Hardware	65000	\$0.75	1	1	48,750	0.9%	0.7
9105 Metal Stud Framing	65000	\$0.10	1	1	6,500	0.1%	0.1
9110 Drywall	65000	\$0.15	1	1	9,750	0.2%	0.1
9210 Painting	65000	\$0.30	1	1	19,500	0.4%	0.3
9410 Ceilings	65000	\$0.25	1	1	16,250	0.3%	0.2
9510 Flooring	65000	\$1.25	1	1	81,250	1.5%	1.2
	65000	\$0.75	1	1	48,750	0.9%	0.7
10110 Specialties							
10110 Specialties 11210 Equipment: Kitchen, Bank, etc	65000	\$1.00	1	1	65,000	1.2%	1.0
11210 Equipment: Kitchen, Bank, etc	65000 65000	\$1.00 \$4.00	1		65,000 260,000	1.2% 4.7%	1.0 4.0
1210 Equipment: Kitchen, Bank, etc				1	Name and Advanced Control		4.0
11210 Equipment: Kitchen, Bank, etc 15100 Plumbing 15300 Fire Sprinklers	65000	\$4.00	1	1	260,000	4.7%	4.0 2.0
11210 Equipment: Kitchen, Bank, etc 15100 Plumbing 15300 Fire Sprinklers 15500 HVAC	65000 65000 65000	\$4.00 \$2.00	1	1 1 1	260,000 130,000	4.7% 2.3%	4.0 2.0 4.0
11210 Equipment: Kitchen, Bank, etc 15100 Plumbing 15300 Fire Sprinklers 15500 HVAC	65000 65000 65000	\$4.00 \$2.00 \$4.00	1 1 1	1 1 1 1	260,000 130,000 260,000 487,500	4.7% 2.3% 4.7%	4.0 2.0 4.0
1210 Equipment: Kitchen, Bank, etc 5100 Plumbing 15300 Fire Sprinklers 15500 HVAC 16100 Electrical	65000 65000 65000	\$4.00 \$2.00 \$4.00	1 1 1	1 1 1	260,000 130,000 260,000 487,500 4,491,500	4.7% 2.3% 4.7% 8.8%	4.0 2.0 4.0 7.5
11210 Equipment: Kitchen, Bank, etc 15100 Plumbing 15300 Fire Sprinklers 15500 HVAC 16100 Electrical	65000 65000 65000	\$4.00 \$2.00 \$4.00	1 1 1	1 1 1 1	260,000 130,000 260,000 487,500	4.7% 2.3% 4.7%	4.0 2.0 4.0 7.5
11210 Equipment: Kitchen, Bank, etc 15100 Plumbing 15300 Fire Sprinklers 15500 HVAC 16100 Electrical Subtotal Contractor's Fee Budget Contingency Allowance	65000 65000 65000	\$4.00 \$2.00 \$4.00	1 1 1	1 1 1 1 5.0%	260,000 130,000 260,000 487,500 4,491,500 224,575 449,150	4.7% 2.3% 4.7% 8.8%	4.0 2.0 4.0 7.5
1210 Equipment: Kitchen, Bank, etc 15100 Plumbing 15300 Fire Sprinklers 15500 HVAC 16100 Electrical Subtotal Contractor's Fee Budget Contingency Allowance Subtotal	65000 65000 65000	\$4.00 \$2.00 \$4.00	1 1 1	1 1 1 1 1 5.0% 10.0%	260,000 130,000 260,000 487,500 4,491,500 224,575 449,150 5,165,225	4.7% 2.3% 4.7% 8.8% 4.0% 8.1%	4.0 2.0 4.0 7.5 3.4 6.9
1210 Equipment: Kitchen, Bank, etc 5100 Plumbing 5300 Fire Sprinklers 5500 HVAC 6100 Electrical Subtotal Contractor's Fee Budget Contingency Allowance Subtotal Bonds & Insurance	65000 65000 65000	\$4.00 \$2.00 \$4.00	1 1 1	1 1 1 1 1 5.0% 10.0%	260,000 130,000 260,000 487,500 4,491,500 224,575 449,150 5,165,225 77,478	4.7% 2.3% 4.7% 8.8%	4.0 2.0 4.0 7.5
11210 Equipment: Kitchen, Bank, etc 15100 Plumbing 15300 Fire Sprinklers 15500 HVAC 16100 Electrical Subtotal Contractor's Fee Budget Contingency Allowance Subtotal	65000 65000 65000	\$4.00 \$2.00 \$4.00	1 1 1	1 1 1 1 1 5.0% 10.0%	260,000 130,000 260,000 487,500 4,491,500 224,575 449,150 5,165,225	4.7% 2.3% 4.7% 8.8% 4.0% 8.1%	4.0 2.0 4.0 7.9 3.4 6.9

K	S State	Fair - Expo Building Replace	ment			65,000	SF		
-				Formulas			\$ / Line	<u>%</u>	<u>\$/SF</u>
	1110 /	Administration	65000	\$0.50	1	1	32,500	0.7%	0.50
		Supervision	65000	\$0.75	1	1	48,750	1.0%	0.75
		Temporary Services	65000	\$0.30	1	1	19,500	0.4%	0.30
		Fuel / Milage	65000	\$0.30	1	1	19,500	0.4%	0.30
		Equipment Rental	65000	\$1.75	1	1	113,750	2.4%	
			65000	\$0.30	1	1	19,500	0.4%	
		Dumpster & Cleanup			1	1	9,750	0.4%	
	1630	Warrantee	65000	\$0.15	,	1	9,750	0.276	0.13
	2210	Survey / Layout	65000	\$0.30	1	1	19,500	0.4%	
	2220 I	Demolition	65000	\$3.00	1	1	195,000	4.1%	3.00
	2310	Site Prep	65000	\$5.00	1	1	325,000	6.8%	5.00
	2410	Temporary Protections	65000	\$0.15	1	1	9,750	0.2%	0.15
	2420	Site Utilities	65000	\$0.75	1	1	48,750	1.0%	0.75
		Permanent Site Improvements	65000	\$0.20	1	1	13,000	0.3%	0.20
	3110	Footings	65000	\$3.50	1	1	227,500	4.8%	3.50
		Concrete Walls & Peirs	65000	\$3.50	1	0.43	97,825	2.1%	1.51
		Precast Concrete	65000	\$0.50	1	0			
		Floors	65000	\$4.00	0.5	1	130,000	2.7%	2.00
		Paving	65000	\$0.50	1	1	32,500	0.7%	
		Curb & Gutter	65000	\$0.25	1	1	16,250	0.3%	
		Sidewalks	65000	\$0.35	1	1	22,750	0.5%	
			65000	\$0.25	1	i	16,250	0.3%	
	3610	Stairs & Odd Construction	03000	φυ.25	1	118	10,230	0.576	0.23
	4110	Masonry	65000	\$1.50	1	0.5	48,750	1.0%	0.75
	5110	Rebar	65000	\$1.25	1	1	81,250	1.7%	1.25
		Structural Steel	65000	\$0.75	1	1	48,750	1.0%	0.75
		Pre-Engineered Metal Buildings	65000	\$17.50	1	0.8571	975,000	20.5%	
		Metal Specialties	65000	\$0.25	1	1	16,250	0.3%	
						22			0.40
		Rough Wood Carpentry	65000	\$0.10	1	1	6,500	0.1%	
	6510	Finish Carpentry	65000	\$0.15	1	1	9,750	0.2%	0.15
	7910	Caulking & Firesafing	65000	\$0.15	1	1	9,750	0.2%	0.15
	8130	Storefront	65000	\$0.60	1	1	39,000	0.8%	0.60
		Overhead Doors	65000	\$0.50	1	1	32,500	0.7%	
		Doors & Hardware	65000	\$0.75	1	1	48,750	1.0%	
	0310	Doors & Hardware	00000					1	
	9105	Metal Stud Framing	65000	\$0.10	1	1	6,500	0.1%	
	9110	Drywall	65000	\$0.15	1	1	9,750	0.2%	0.15
	9210	Painting	65000	\$0.30	1	1	19,500	0.4%	0.30
	9410	Ceilings	65000	\$0.25	1	1	16,250	0.3%	6 0.25
		Flooring	65000	\$1.25	1	0.6	48,750	1.0%	6 0.75
¥	10110	Specialties	65000	\$0.75	1	1	48,750	1.0%	6 0.75
	11210	Equipment: Kitchen, Bank, etc	65000	\$0.75	1	0			
	15100	Plumbing	65000	\$4.00	1	0.875	227,500	4.89	6 3.50
		Fire Sprinklers	65000	\$2.00	1	1	130,000	2.79	
		and	65000	\$4.00	1	0.8125	211,250	4.49	
	15500	HVAC	00000	\$4.00	,	0.6125	211,230	4.47	0 3.23
	16100	Electrical	65000	\$7.50	1	8.0	390,000	8.2%	6.00
		Cultivated					3,841,825		
		Subtotal				5.0%	192,091	4.09	6 2.96
		Contractor's Fee							
		Budget Contingency Allowance				10.0%	384,183	8.19	% 5.91
		Subtotal					4,418,099		
		Bonds & Insurance				1.5%	66,271	1.49	% 1.02
		Architect / Engineering Fee				6.0%	265,086	5.69	
		Total Budget estimate	Cost Per Fo	otprint SF		73.07	4,749,456		
							1		

Five-Year Capital Budget PlanDA 418A	418A				Agency Name	Agency Name Kansas State Fair	₹		
State of Kansas									
Droinet Title	Estimated Project Cost	Prior Years	Current Year FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Subsequent Years
FINJERFINE	- I OJCCC COOL								
State Fair Capital Improvement Fund 1. Capital Maintenance & Repair	2,005,000	125,000	200,000	280,000	280,000	280,000	280,000	280,000	280,000
2. Master Plan Study	50,430	3	50,430						
Bison Arena Emergency Exit Doors Fisenhower Building Exterior Replacement	116,060		100,000	116,060					
	300,000	20,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
 Bison Arena Sprinkler/Alarm/Re-root/Windows Expo Center Replacement 	5,552,617					1,001,000	5,552,617		
Pride of Kansas Building Roof Replacement Bison Arena Renovation	216,000 7,004,000				216,000			7,004,000	
Bond Payments 1. Bond Payment - State General Fund	35,498,783	9,435,250	845,950	848,550	850,150	855,750	848,750	850,500	ì
State Appropriations				19					
SGF Appropriation to the SFCIF	2,100,000	400,000	100,000	100,000	300,000	300,000	300,000	300,000	300,000
			,	=					
	EN 700 NAE	9 980 250	1 336 380	1 384 610	1.686.150	2.857.305	7.021.367	8,474,500	620,000
Otal	04,224,440		4,000,000	1)00	,	į		,	

1. Project Title:	Capital Maintenan	ce & Repair			2. Project Prior	ity: SFCIF #1
Agency:	Kansas State Fair					
3. Project Description	and Justification:					3
	. These projects are	ds are funded by the Stanecessary to maintain t				
1. Maintenance	Contract Expenditur	es				
annual cost is us to utilize a	approximately \$55,0	etrical company for electrons (2000). Contracting through only the limited time part of the part of th	igh the Division of P	urchasing is cost effe	ective for this age	ency as it allows
2. Misc & Conti	ingency Repairs					80
accommodate a) P b) H	e Fair patrons, or a no Paint, lumber, concre IVAC repair and/or i	annually for repairs an on-fair event. Some of te, and steel for repair of replacement. Parts are The Fair is replacing so	the items include: of structures no longer available i	for some of the units	in the buildings t	
	ţ	e e				
4. Estimated Project	Cost:	A 4		5. Project Phasing:		
1. Construction (in	cluding fixed			1. Preliminary p	lans (including	
equipment and	75 Sign			misc. costs)		
2. Architect or eng				2. Final plans (ir		
3. Moveable equip			90 (085) (40 E-1888) (60 E	and other cos		
4. Project continge			2,005,000	3. Construction		
5. Miscellaneous o	costs			and other cos	its)	
		Total	\$ 2,005,000	1	7	otal \$
6. Amount by Source	of Financing:					
Fiscal Years	1. SGF	2. SFCIF Fund	3 Fund	4.	5.	Total
Prior Years		125,000				125,000
FY 2016		200,000				200,000
FY 2017		280,000				280,000
FY 2018		280,000				280,000
FY 2019		280,000				280,000
FY 2020		280,000				280,000
FY 2021		280,000				280,000
Subsequent Years		280,000				280,000
Total	ė	3 00F 000	4	Ċ	ć	2 005 000

1. Project Title:	Master Plan Study				2. Project Priority:	SFCIF #2
Agency:	Kansas State Fair					
Project Description	and Justification:					
	of an updated Mas	ter Plan. Recall the	original Fairgrounds	Master Plan was est	to assist in the imp	lementation 1990's with
	There were aspects	s of the Fairgrounds	not addressed in the	e original Master Plar	n. In order to addre aster Plan.	ss these
		(*)				
\$		34				
		¥				
e :						
4. Estimated Project C	Cost:			5. Project Phasing:		
1. Construction (inc	cluding fixed				ans (including	
				misc. costs)		
			50,430	2. Final plans (inc	cluding misc.	
				and other cost	s)	
5. Miscellaneous co	osts			and other cost	s)	
		Total	\$ 50,430		Total	\$
6. Amount by Source	of Financing:			t t		
ÿ						
Fiscal Years	1. SGF	2. SFCIF	3. Federal Funds	4.	5.	Total
Prior Years						
		50,430				50,430
FY 2017						
						-
	ļ			-		
lotal	>	50,430		\$	\$	50,430
1. Construction (including fixed equipment and sitework) 2. Architect or engineer fee 50,430 3. Moveable equipment 4. Project contingency 5. Miscellaneous costs Total \$50,430 FY 2016 \$50,430 FY 2017 \$50,430 FY 2018 \$50,430 FY 2019 \$50,430 FY 2020 \$50,430 FY 2021 \$50,430 FY 2022 \$50,430 FY 2023 \$50,430 FY 2024 \$50,430 FY 2025 \$50,430 FY 2026 \$50,430 FY 2027 \$50,430 FY 2028 \$50,430 FY 2029 \$50,430 FY 2020 \$50,430 FY 2020 \$50,430 FY 2021 \$50,430 FY 2021 \$50,430 FY 2022 \$50,430 FY 2023 \$50,430 FY 2024 \$50,430 FY 2025 \$50,430 FY 2026 \$50,430 FY 2027 \$50,430 FY 2028 \$50,430 FY 2029 \$50,430 FY 2020 \$50,430						



 Project Title 	Bison Arena Emerg	gency Exits			2. Project Priority:	SGF #3
Agency:	Kansas State Fair					
3. Project Desc	cription and Justific	cation:				
•		om the Office of the				
		cy exit doors in Bisc			only through	
	overhead doors, w	hich are not appro	ved emergency exi	its.		
	Disan Arona has so	erved a variety of p	urnasas avar its life	a and is still an imm	artant navt of the	
	Fair's campus.	erved a variety or p	urposes over its int	e and is still all limp	ortant part or the	
	raii s campus.					
					6	
		8				
2						
		•				
4. Estimated Pro	oject Cost:			5. Project Phasing:		
	on (including fixed		96,660	1. Preliminary pla	ans (including	
	t and sitework)			misc. costs)		
	or engineer fee		9,700	2. Final plans (inc	cluding misc.	
3. Moveable				and other cost		
4. Project co			9,700	3. Construction (including misc.	
5. Miscellane			0	and other cost	1 173	
		Total	\$ 116,060	1	Total	\$
		*	Ť.			
6. Amount by S	ource of Financing:					
				В		
Fiscal Years	1. SGF	2. SFCIFund	3. Federal Funds	4.	5.	Total
Prior Years						
FY 2016						
FY 2017		116,060				116,060
FY 2018						
FY 2019						
FY 2020						-
FY 2021	L				 	
Subsequent Yea	The second secon	110,000	ć		· ·	116,000
Total	\$	116,060	Ş	\$	\$	116,060

1. Project Title:	Eisenhower Buildin	g Exteriors			2. Project Priori	ty: SFCIF #4
Agency:	Kansas State Fair				,	
3. Project Description					······································	
		Building is used to nent of Wildlife, Pa			mercial exhibits as well	as the .
	replacement in		ome exterior wo		ated since other than a rtion of the building oc	
	The building is I and is in need o		t of the Fairgrou	ınds and is hi	ghly visible. The exter	ior is dated
		he submission of t as and a cost estim		air's on-call	architect is in the proc	cess of
-	er -		*			a.
4. Estimated Projec	t Cost:	· 6.		5. Project	Phasing:	
1. Construction (including fixed			1. Preli	minary plans (including	
equipment and	d sitework)			misc	. costs)	
2. Architect or er	ngineer fee			2. Fina	plans (including misc.	
3. Moveable equ	ipment			and	other costs)	
4. Project contin	gency			3. Cons	struction (including misc.	
5. Miscellaneous	costs			and	other costs)	
		To	tal \$		8	Total \$
6. Amount by Source	e of Financing:					
Fiscal Years	1. SGF	2. SFCIF Fund	3 Fund	4.	5.	Total
Prior Years						
FY 2016						
FY 2017						
FY 2018						
FY 2019						
FY 2020						
FY 2021						
Subsequent Years	<u> </u>					
Total	\$	\$	\$	\$	\$	\$

1. Project Title:	Asphalt Repairs	3			2. Project Priority:	SFCIF #5	
Agency:	Kansas State Fa						
3. Project Description	and Justification	1:					
		*		49			
The K	neac Stato Ea	irgrounds has a signi	ficant number of	f roadways and	asphalt areas	=	
		ous. Ongoing mainte		7			
		n for vehicle traffic a			15	-	
ассер	lable collultion	ii ioi veincie traffic a	ind to avoid trip	nazarus ioi peut	estriali traffic.	140	
					* 4		
						S	
						*	
4. Estimated Dusingt	Casti			C Drainet Dhasing	<u> </u>		
 Estimated Project Construction (ir 			40,000	5. Project Phasing:		ĺ	
equipment and			40,000	Preliminary plans (including misc. costs)			
2. Architect or eng			•	2. Final plans (including misc.			
Moveable equipment				2. Final plans (including misc. and other costs)			
4. Project conting				and other costs) 3. Construction (including misc.			
5. Miscellaneous				and other cos			
			440,000	V-			
		Total	\$ 40,000	TE I	Tota	\$	
6. Amount by Source	of Financing						
o. Amount by Source	Or mancing.		1		T	T	
Fiscal Years	1. SGF	2. SFCIF	3. Federal Funds	4.	5.	Total	
Prior Years	1. 30	20,000	5. rederal rullus	7.	3.	20,000	
FY 2016		40,000				40,000	
FY 2017		40,000				40,000	
FY 2018		40,000				40,000	
FY 2019		40,000				40,000	
FY 2020		40,000				40,000	
FY 2021		40,000				40,000	
Subsequent Years		40,000				40,000	
Total	\$	300,000	\$	\$	\$	300,000	

1. Project Title Bison Arena Emergency Exits	2. Project Priority: SGF #6	
Agency: Kansas State Fair		

3. Project Description and Justification:

Under direction from the Office of the State Fire Marshal, the Kansas State Fair is exploring the installation of a fire sprinkler system and fire alarm system.

To ensure a properly functioning fire alarm and sprinkler system, the Agency would first need to address issues related to leaks with Bison Arena's roof and upper-story windows. Without addressing these first, there is the possibility of water damage and impacting the functionality of the alarm and sprinkler systems.

Bison Arena has served a variety of purposes over its life and is still an important part of the Fair's campus.

4. Estimated Pro	oject Cost:			5. Project Phasing:		
1. Constructi	ion (including fixed		96,660	1. Preliminary plans	(including	
equipmen	t and sitework)			misc. costs)		
2. Architect	or engineer fee		9,700	2. Final plans (includ	ding misc.	
3. Moveable	equipment			and other costs)		
4. Project co	ntingency		9,700	3. Construction (inc	luding misc.	i
5. Miscellane	eous costs		0	and other costs)		
			Control of the second			
		Total	\$ 116,060	8	Total	\$
6. Amount by S	Source of Financing:			г г		
Fiscal Years	1. SGF	2. SFCIFund	3. Federal Funds	4. 5.		Total
Prior Years						
FY 2016						
FY 2017		116,060				116,060
FY 2018						
FY 2019						
FY 2020						
FY 2021						
Subsequent Ye				ļ. — — — — — — — — — — — — — — — — — — —		
Total	\$	116,060	\$	\$ \\$		116,060

1. Project Title:	Expo Center		- The state of the	380	2. Project Priorit	ty SFCIF #7
Agency:	Kansas State Fair					
MANAGEMENT OF THE PARTY OF THE	tion and Justification	· · · · · · · · · · · · · · · · · · ·				
*	The Expo Center in horse events during it was utilized for Built in 1964, the It's roof is originato replace the roof in addition, the reference in addition, the reference in the roof is a second in addition, the reference in addition is a second in addition in the reference in a second in addition in the reference in a second in addition in the reference in the reference in the second in addition, the reference in the second in the	is one of the mosing the Fair and the 37 events over 1. Expo Center is fall to the construct of is estimated at estrooms are date	ed and in need of r	r. In addition to Y 2014. significant repairs and is in need o	the annual State F s and improvemer f replacement. Co fixture count also	air, ots. ost
	We also employe roof purlins. The the existing structure and provide us an Based on the extension of the ext	d the services of engineer's reporture. We have as n estimate to com	mated cost for the a structural engine thas caused conceiled a local general plete the recommulatived, it is felt a bing structure. Cons	eer to review the ern over the long Il contractor to re ended improven etter alternative	roof, structural co -term viability of s eview the enginee nents. will be replaceme	ustaining r's report nt of the facility
	1.0-1			Is postering		
4. Estimated Project 1. Construction (4,793,553	5. Project Phasing	g: plans (including	
equipment and			4,733,333	misc. costs)	plans (including	
2. Architect or er			309,914	0.0000000000000000000000000000000000000	including misc.	
3. Moveable equ			303,314	and other co		
4. Project contin			449,150		n (including misc.	
5. Miscellaneous		3	5,255	and other co		
3. Wilderiane da		62.50 E				
		Tota	\$ 5,552,617	-	Т	otal \$
6. Amount by Source	o of Financing:			L		
o. Amount by Source	Corrinancing.	T	Т	T	T	
Fiscal Years	1. SGF	2. SFCIF Fund	3. Fund	4.	5.	Total
Prior Years	1. 301	z. Ji chi Tuliu	i i i i i i i i i i i i i i i i i i i	-	J	
FY 2016	-		+	 		
FY 2017	+	.	-	 		-
FY 2018			 			
FY 2019				 		
FY 2019	5,552,617			-		5,552,617
FY 2020 FY 2021	3,332,017			 	-	3,332,017
Subsequent Years	+		1	1		
	E EE2 C17	ė	ė	l c	ė	5,552,617
Total	5,552,617	\$	\$	\$	\$	5,552,

1. Project Title:	Pride of Kansas Bui	lding Roof			-	2. Project Priority:	SFCIF #8		
Agency:	Kansas State Fair								
3. Project Description									
	and Justineacion.								
ä									
		267							
(rasi		*							
On Friday, May 22, the Pride of Kansas 14,750.00. The wo	Building. Emerg	ency repairs were I in time for the 2	grant 008 St	ted by the D tate Fair.	ivision of Purcha	ases in the amoun	t of		
While this repair wo the building, which	ork was satisfacto th was constructe	ry, it addressed on d in 1970, and is	nly a s in nee	small portion d of replace	n of the building' ement.	s roof. The roof i	s original		
					8				
X1									
4. Estimated Project Co	ost:				5. Project Phasing:				
1. Construction (inc	luding fixed			216,000	1. Preliminary pl	ans (including			
equipment and si	tework)				misc. costs)				
2. Architect or engir	neer fee				2. Final plans (including misc.				
3. Moveable equipn		¥9	and other costs)						
4. Project contingen		3. Construction (including misc.							
5. Miscellaneous costs					and other costs)				
					and other cos	,			
	147	Total		\$ 216,000		Total	\$		
C A	f.c.								
6. Amount by Source o	or Financing:						7		
1000 A 1000	No. 17.77.229041								
Fiscal Years	1. SGF	2. SFCIF Fund	3	Fund	4.	5.	Total		
Prior Years	-						-		
FY 2016									
FY 2017									
							216,000		
FY 2018		216,000				Language Community	210,000		
FY 2019	-	216,000		2			210,000		
		216,000							
FY 2019		216,000							
FY 2019 FY 2020		216,000							

1. Project Title Bison Arena Renova	n	2. Project Priority: SGF #9
Agency: Kansas State Fair		*
3. Project Description and Justificat	n:	
		es es

In partnership with the Kansas Department of Agriculture, the Fair is exploring the renovation of Bison Arena (originally constructed in the 1930's as the 4-H/FFA livestock building).

Bison Arena has served a variety of purposes over its life and is still an important part of the Fair's campus.

Working with the KDA, we envision the development of a facility focusing on the promotion of Kansas agriculture and expanding the already strong presence Kansas agriculture has at the Fair. The renovated facility would enhance agrcultural educational programming and entertainment along with opportunities for the Kansas agriculture community. The building would provide opportunity for an updated and remodeled Agriland, booth space for Kansas agriculture commodity groups and a From the Land of Kansas (state trademark program) pavilion and store.

This renovation would also provide opportunity for year-around use of the facility, a benefit currently not available.

4. Estimated P	roject Cost:					5 Project Phas	ing:		
Construction (including fixed equipment and sitework)			5,754,000	Project Phasing: 1. Preliminary plans (including misc. costs)					
Architect or engineer fee Moveable equipment Project contingency			575,000 2. Final plans (including misc. and other costs) 575,000 3. Construction (including misc.						
5. Miscellaneous costs					100,000				
<i>3</i> 7				Total	\$ 7,004,000	_		Total	\$
6. Amount by	Source of Financing:								
Fiscal Years	1. SGF	2	Fund		3. Federal Funds	4.	5.		Total
Prior Years			- Mon						
FY 2016						A 1900 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -			
FY 2017				5.53					
FY 2018									
FY 2019	V						·.		
FY 2020									
FY 2021	7,004,000				1970.00				7,004,000
Subsequent Ye	ears					1			
Total	7,004,000	\$			\$	\$	\$	-	7,004,000

36-24