

Indian Affairs



SPECIAL PROGRAMS

Office of Facilities Management and
Construction

2011

SUPPLEMENTAL FUNDING PROGRAMS

- Minor Improvement and Repair
- Emergency
- Energy
- Structural Fire

BACKLOG PRIORITIZATION

Based on the Facility Condition Index (FCI) there are 69 schools in POOR condition. These schools are considered the worst schools with the worst deficiencies. These schools will be targeted for improvement and repair projects based on backlog prioritization. The prioritization process will be to identify and rank deferred maintenance backlogs which will correct critical systems, i.e. roofs ,HVAC, fire alarms, sprinklers, and electrical systems.



This new process is a collaborative effort between BIE and OFMC, which is built on participation at the local level. The process follow criteria utilizing annual Safety Inspection reports and risk assesment to fully justify and document backlogs to be ranked and considered for funding. The results of the prioritization will be reviewed and approved by DSRM, BIE and OFMC.

BACKLOG PRIORITIZATION

This spreadsheet is a tool used to prioritize Backlogs for funding and repairs. The Special Projects Group within the Bureau Of Indian Affairs developed this tool. There is input data that is needed. This spreadsheet uses the appropriate data to help the BIA assess the Backlogs with just a few simple steps. The following are the instructions to use this spreadsheet...

To Begin: Click on the Appropriate Tab shown below.



Backlogs should be prioritized based on a Risk Assessment. The Department of the Interior, uses the Risk Assessment System (RAS). DOI ranks health and safety hazards using Risk Assessment Codes (RAC). The RAC considers the hazard severity, the probability of occurrence and the number of people exposed or the potential loss in the event of a failure.

BACKLOG PRIORITIZATION

A. Step 1. Please see the chart below. Please rate how often the issue occurs. Then note the Probability Code on the Right, A, B, C or D.

PROBABILITY		PROBABILITY CODE
Frequent	Immediate danger to health and safety of public, staff, or property and resources; occurs frequently or continuously.	A
Likely	Probably will occur in time if not corrected, or probably will occur once or more times during the life of the system.	B
Occasional	Possible to occur in time if not corrected.	C
Rarely	Unlikely to occur; May assume exposure will not occur.	D

BACKLOG PRIORITIZATION

Step 2. Please see the chart below. Please rate the severity of the issue. Please note the Severity Code I, II, III or IV.

SEVERITY		SEVERITY CODE
Catastrophic	Immediate and imminent danger of death or permanent disability, chronic or irreversible illness, major property or resource damage.	I
Critical	Permanent partial disability, temporary total disability greater than 3 months, significant property or resource damage.	II
Significant	Hospitalized minor injury, reversible illness, period of disability 3 months or less, loss or restricted workday accident, compensable injury illness, minor property or resource damage.	III
Minor	First aid or minor medical treatment. Presents minimal threat to human safety and health, property or resources, but is still in violation of a standard.	IV

BACKLOG PRIORITIZATION

Step 3. Please see the chart below. Use the letter from Step 1 to identify the appropriate column and then use the Number to identify the correct Row.

Severity Risk Assessment Code Table

Severity	Risk Assessment Code			
Catastrophic (I)	1	1	2	3
Critical (II)	1	2	3	4
Significant (III)	2	3	4	5
Minor (IV)	3	4	5	5
Probability:	A Frequent	B Likely	C Occasional	D Rarely

BACKLOG PRIORITIZATION

EXAMPLE...

Issue: A door has a failed arrestor and it closes too quickly. This only occurs every so often and it does not close extremely quickly and the door is not used very often.

Step 1 this occurs Occasional, so PROBABILITY CODE is C

Step 2 this would lead to Significant injuries, so the SEVERITY CODE is III

Step 3 Look at the Severity Risk Assessment Code Table Use Column C and Row III and you get Number 4.

BACKLOG PRIORITIZATION

Step 3. Identify The RAC Code using the Number found in Step # 3.

RAC Code Table

RAC Code	Description
1	RAC-1 represents an immediate danger to life, health or property and requires emergency correction or hazard controlled to a lower level of risk as soon as possible within that work shift.
2	RAC-2 represents a high level of threat to life, health or property and requires hazard correction or hazard controlled to a lower level of risk as soon as possible, but no later than 15 days.
3	RAC-3 represents a medium level risk to life, health or property, with correction planned and completed, or hazard controlled to a lower level of risk within 12 months
4	RAC-4 represents a low level risk, with correction planned and completed, or hazard controlled to a lower level of risk within a 2-year period.
5	RAC-5 represents the lowest level risk and is considered minor. The correction of these risks can be planned in the out-years of a five-year plan.

BACKLOG PRIORITIZATION TOOL

Loc #	Location Name	Bldg Num	Backlog Number	RAC Number	FCI Condition	Cat-Rank	Backlog Status	Backlog Cost	Backlog Title	Backlog Justification
A01-12	Cheyenne-Eagle Butte School	2002	A01-12-2002-F-001-2	2	Poor	F-2	Funded	350,000.00	Install Fire Sprinkler Protection System in girls dorm, to meet NFPA	Install new fire sprinkler system to dorm to meet NFPA regulations.
A01-12	Cheyenne-Eagle Butte School	Grounds	A01-12-X01-F-001-2	2	Poor	F-2	Draft	440,660.00	Provide a campus wide fire alarm system to include bldgs. 2002, 2003, 2005 &	Existing systems are inoperable
A01-12	Cheyenne-Eagle Butte School	2004	A01-12-2004-F-002-2	2	Good	F-2	Draft	521,070.00	Building lacks a fire suppression system & has an outdated and inoperable fire	Dormitory is unsprinkled & alarm system is inoperable.
A06-06	Wounded Knee District School	2300	A06-06-2300-M-016-1	2	Poor	M-1	Open	\$268,653	REPLACE MODIFIED BITUMINOUS ROOFING, MOP APPLIED, 300 SF	AME Requested Backlog
A06-16	Pine Ridge(Oglala Community School)	303	A06-16-303-S-002-1	3	Poor	S-1	Open	3,905.00	REPLACE FIRE ALARM CONTROL PANEL	The fire alarm system is non-operaitonal. The power to the system has been
A06-16	Pine Ridge(Oglala Community School)	333	A06-16-333-S-001-1	2	Poor	S-1	Open	5,667.00	Install sprinkler and fire rated drywall in laundry area	LAUNDRY ROOM IS NOT SPRINKLER PROTECTED AND 1 HOUR FIRE
A06-16	Pine Ridge(Oglala Community School)	333	A06-16-333-S-003-1	2	Poor	S-1	Open	3,905.00	Install fire alarm system	fire alarm system is non-operational
A06-16	Pine Ridge(Oglala Community School)	334	A06-16-334-S-001-1	2	Poor	S-1	Open	5,907.00	Replace fire alarm system	non operational and no audio visual alarms
A08-04	Marty Indian School	90000H	A08-04-90000H-U-003-	2	Poor	U-1	Open	8,286.00	The sub-level basement does	Fire hazzard need to install fire alarm system
A06-05	Little Wound/Kyle	349	A06-05-349-S-001-1	2	Poor	S-1	Open	\$23,435	REPLACE FIRE ALARM SYSTEM	The fire alarm system is non-operational.
A02-05	Pierre Indian Learning Center	43	A02-05-43-S-001-1	2	Poor	S-1	Open	\$19,257	REPLACE FIRE ALARM CONTROL PANEL, ADDRESSABLE	existing system does not have visual devices
A02-05	Pierre Indian Learning Center	43	A02-05-43-S-003-1	3	Poor	S-1	Open	\$6,738	REPLACE EMERGENCY AND EXIT LIGHT COMBINATION	Some exit signs and emergency lights are not operational
A15-02	Lower Brule Day School	345	A15-02-345-S-012-1	2	Poor	S-1	Open	\$4,247	REPLACE FIRE ALARM CONTROL PANEL	THE FIRE ALARM SYSTEM IS NON-OPERATIONAL
A06-06	Wounded Knee District School	Grounds	A06-06-X01-S-002-1	3	Poor	S-1	Open	\$82,880	INSTALL AN ORDINARY HAZARD SPRINKLER SYSTEMS AT 5 PORTABLE	BUILDING IS SPRINKLED AT LIGHT HAZARD
A06-06	Wounded Knee District School	Grounds	A06-06-X01-S-003-1	2	Poor	S-1	Open	\$4,888	INSTALL INTERIOR EMERGENCY, EXIT, OR COMBINATION FIXTURE IN PORTABLE BUILDINGS	BUILDING EXIT LIGHT INOPERABLE