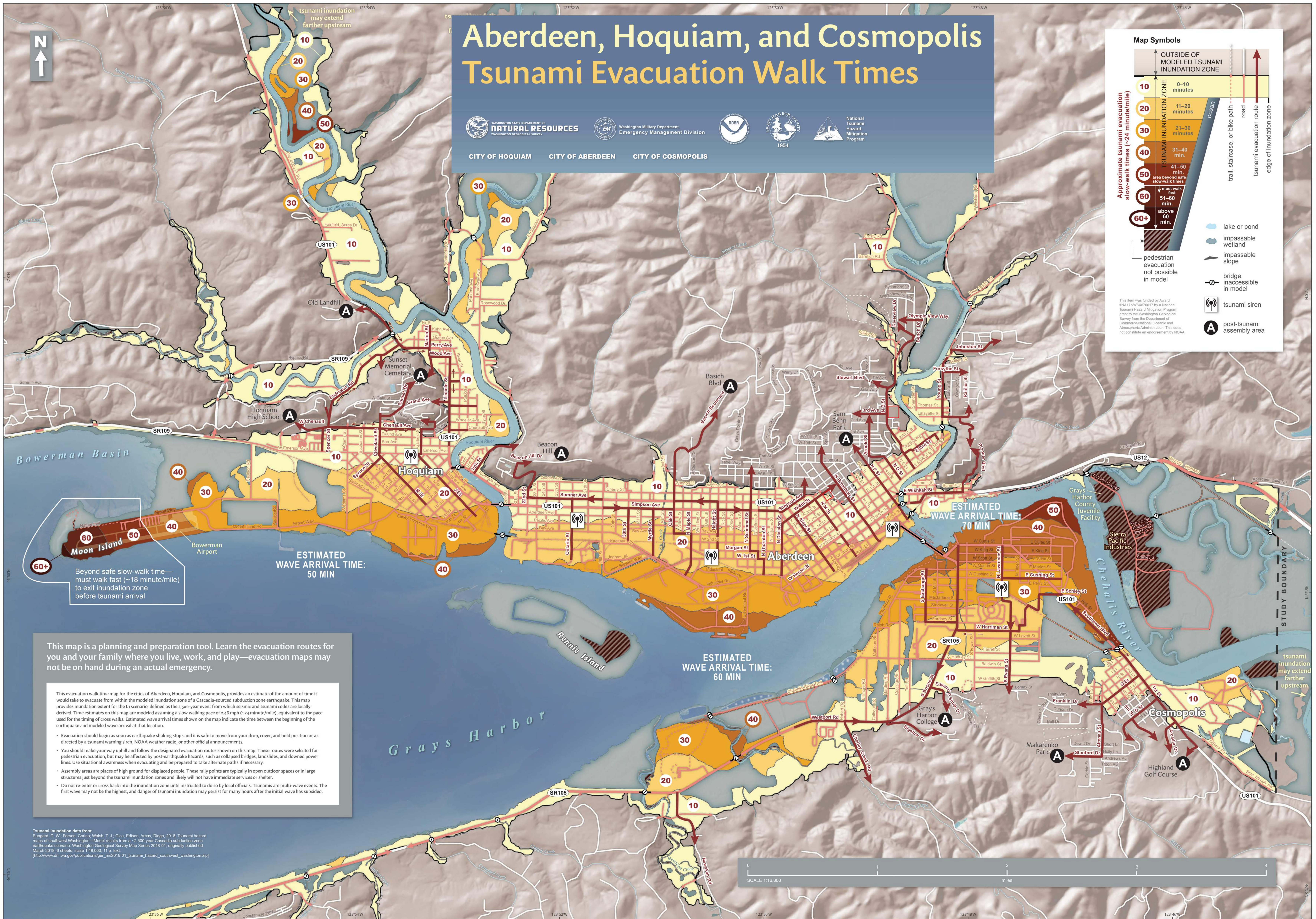




MILLER JR HIGH SCHOOLfact sheet

STEVENS ELEMENTARYfact sheet

Stats:

706
students & staff

94,577 SF
total area
permanent construction only
(includes 2020 addition)

1978
main building

2020
addition

Tsunami Analysis:

Tsunami Arrival 70 min

30 min
0.6 miles

Yes

Inundation Zone

Horizontal Evacuation

Condition Rating:

Soil Condition

Structural Condition

Learning Environment

Building System Condition

Overall Building Condition

Findings:

To meet seismic retrofit at Building & Site:

Extensive work at and below grade due to poor soil

Improve shear walls and connections on western portion of school

Replace floor finishes, most casework and some doors, match existing per OSPI requirements

Site work demolition and restoration at building perimeter needed to accommodate pile and slab installation as well as heavy equipment on site

Seismic Retrofit Cost (including Evac. Tower):

(2027 dollars)

\$60,500,000

Modernization Cost:

\$22,685,904

Total Retrofit Cost:

\$83,185,904

Recommendation: REPLACE

Stats:

330
students & staff

45,900 SF
total area
permanent construction only
(includes additions)

1954
main building

1974 & 1976
addition

Tsunami Analysis:

Tsunami Arrival 70 min

40 min
1.02 miles

Yes

Inundation Zone

Horizontal Evacuation

Condition Rating:

Soil Condition

Structural Condition

Learning Environment

Building System Condition

Overall Building Condition

Findings:

To meet seismic retrofit at Building & Site:

Extensive work at and below grade due to poor soil

Improve shear walls and connections

Upgrade roof systems and add seismic separation at covered play areas

Replace floor finishes, most casework and some doors, match existing per OSPI requirements

Site work demolition and restoration at building perimeter needed to accommodate pile and slab installation as well as heavy equipment on site

Seismic Retrofit Cost (including Evac. Tower):

(2027 dollars)

\$40,000,000

Modernization Cost:

\$10,503,560

Total Retrofit Cost:

\$50,503,560

Recommendation: REPLACE

AJ WEST ELEMENTARYfact sheet

Stats:

354
students & staff

40,248 SF
total area
permanent construction only
(includes 1966 addition)

1952
main building

1966
addition

Tsunami Analysis:

Tsunami Arrival 60 min

25 min
0.51 miles

Yes

Inundation Zone

Horizontal Evacuation

Condition Rating:

Soil Condition

Structural Condition

Learning Environment

Building System Condition

Overall Building Condition

Findings:

To meet seismic retrofit at Building & Site:

Extensive work at and below grade due to poor soil

Improve shear walls and connections on western portion of school

Replace floor finishes, most casework and some doors, match existing per OSPI requirements

Site work demolition and restoration at building perimeter needed to accommodate pile and slab installation as well as heavy equipment on site

Seismic Retrofit Cost (including Evac. Tower):

(2027 dollars)

\$28,000,000

Modernization Cost:

\$12,672,060

Total Retrofit Cost:

\$40,672,060

Recommendation: REPLACE

HARBOR LEARNING CENTER (HOPKINS BUILDING)fact sheet

Stats:

264
students & staff

25,303 SF
total area
permanent construction only
(excludes SF used by pre-k and 3rd party)

1956
main building

Tsunami Analysis:

Tsunami Arrival 60 min

25 min
0.52 miles

Yes

Inundation Zone

Horizontal Evacuation

Condition Rating:

Soil Condition

Structural Condition

Learning Environment

Building System Condition

Overall Building Condition

Findings:

To meet seismic retrofit at Building & Site:

Extensive work at and below grade due to poor soil

Improve shear walls and connections

Replace roof and underlying structure

Removal of play equipment needed, may no longer be compliant with Washington Health Code

Replace floor finishes, most casework and some doors, match existing per OSPI requirements

Site work demolition and restoration at building perimeter needed to accommodate pile and slab installation as well as heavy equipment on site

Seismic Retrofit Cost (including Evac. Tower):

(2027 dollars)

\$38,500,000

Modernization Cost:

\$11,102,400

Total Retrofit Cost:

\$49,602,400

Recommendation: REPLACE

SEISMIC STUDY

Aberdeen School District Seismic Safety Grant & Master Planning

CENTRAL PARK ELEMENTARY

fact sheet

MCDERMOTH ELEMENTARY

fact sheet

Stats:

144
students & staff

27,706 SF
total area
permanent construction only
(includes 1966 addition)

1958
main building

1966
addition

Condition Rating:

Soil Condition

Structural Condition

Learning Environment

Building System Condition

Overall Building Condition

Tsunami Analysis:

Tsunami Arrival
n/a

3 min
100 feet

No

Inundation Zone

Horizontal Evacuation

poor fair good excellent

Findings:

To meet seismic retrofit at Building & Site:

- Improved connections from wall to roof are needed
- Roof structure at gym needs to be upgraded
- Roof diaphragm requires improvements

Seismic Retrofit Cost (including Evac. Tower):
(2027 dollars)

\$4,100,000

Modernization Cost/budget:

\$8,729,551

Total Retrofit Cost/budget:

\$12,829,551

Recommendation:
SEISMIC RETROFIT/
MODERNIZE

Stats:

340
students & staff

42,338 SF
total area
permanent construction only
(includes additions)

1997
main building

Condition Rating:

Soil Condition

Structural Condition

Learning Environment

Building System Condition

Overall Building Condition

Tsunami Analysis:

Tsunami Arrival
60 min

10 min
0.30 miles

Yes

No

Inundation Zone
(only part of site)

Horizontal Evacuation

poor fair good excellent

Findings:

To meet seismic retrofit at Building & Site:

1930 Building

- At exterior and tunnel walls, provide micropiles beneath existing concrete with new pile caps
- For interior shear walls in attic, provide new glulam beams beneath each wall with holdowns at each wall end

Adjacent Buildings

- Fully sheath floor of attic; at steps, provide A35 clips between upper and lower diaphragms
- Provide new 6" seismic joint, and re-support existing structure with new gravity elements at joints

Seismic Retrofit Cost (including Evac. Tower):
(2027 dollars)

\$7,200,000

Modernization Cost/budget:

\$16,916,704

Total Retrofit Cost/budget:

\$24,116,704

Recommendation:
SEISMIC RETROFIT/
MODERNIZE

ROBERT GRAY ELEMENTARY

fact sheet

Stats:

354
students & staff

45,393 SF
total area
permanent construction only
(includes 1966 addition)

2002
main building

Condition Rating:

Soil Condition

Structural Condition

Learning Environment

Building System Condition

Overall Building Condition

Tsunami Analysis:

Tsunami Arrival
70 min

15 min
0.50 miles

Yes

No

Inundation Zone
(only part of site)

Horizontal Evacuation

poor fair good excellent

Findings:

To meet seismic retrofit at Building & Site:

- Improved connections at existing plywood shear walls are needed
- Geotechnical testing recommends that ground improvements be made east of the school

Seismic Retrofit Cost (including Evac. Tower):
(2027 dollars)

\$31,515,000

Modernization Cost/budget:

\$12,825,874

Total Retrofit Cost/budget:

\$44,340,874

Recommendation:
SEISMIC RETROFIT/
MODERNIZE

LEGEND

INUNDATION ZONE

MILLER JR HIGH SCHOOL

STEVENS ELEMENTARY

AJ WEST ELEMENTARY

HARBOR LEARNING CENTER

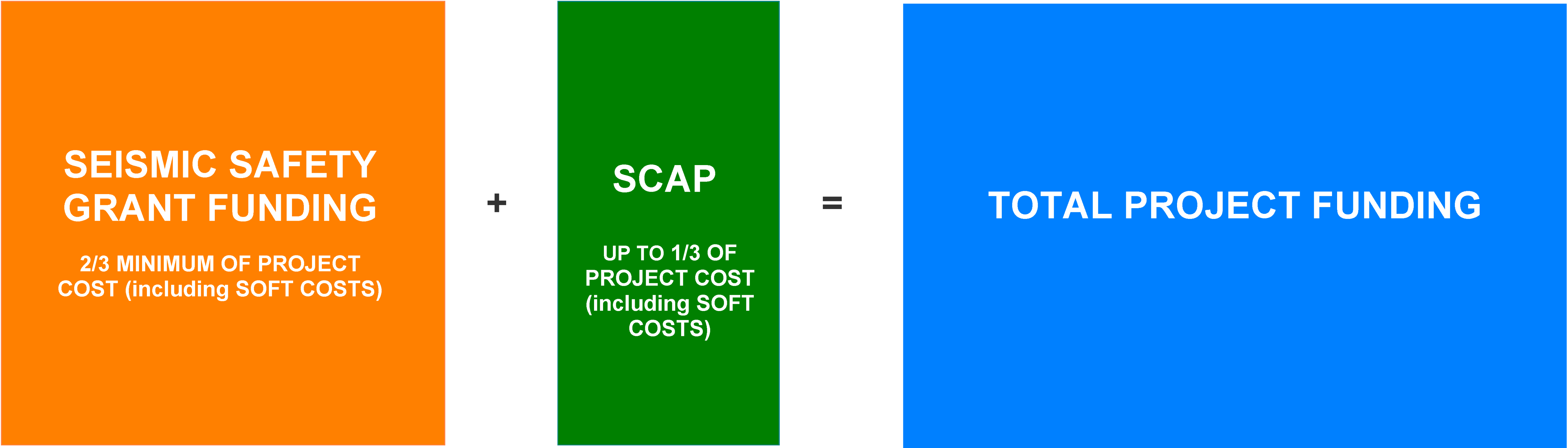
CENTRAL PARK ELEMENTARY

MCDERMOTH ELEMENTARY

ROBERT GRAY ELEMENTARY

ABERDEEN SCHOOL DISTRICT

OSPI SCHOOL SEISMIC SAFETY GRANT PROGRAM - FUNDING (PER PROJECT)



SENATE BILL 5933

In the 2022 Legislative Session, the Legislature enacted Substitute Senate Bill 5933, creating the School Seismic Safety program. This program provides grants to school districts and state-tribal education compact (STEC) schools to cover the costs of retrofitting or relocating schools located in high seismic areas or tsunami zones.

BIENNIUM FUNDING COMMITMENT

Grant funding for the SSSGP is provided by OSPI through legislative appropriations each biennium and is subject to the availability of funding as well as any legislative or executive directive or restrictions on such funds

\$13.24M appropriated in 2020
\$100M appropriated in 2023/2025
\$100M planned for 2025/2027
\$100M planned for 2027/2029
\$100M planned for 2029/2031
\$100M planned for 2031/2033

OSPI SCHOOL SEISMIC SAFETY GRANT PROGRAM

GRANT AWARD FUNDING TO DISTRICTS (PER PROJECT)

Phase I - Geotech + Planning
Phase II - Conceptual Design
Phase III - Design
Phase IV - Construction

SCHOOL CONSTRUCTION ASSISTANCE PROGRAM (SCAP)

The School Construction Assistance Program (SCAP) provides funding assistance to school districts that are undertaking a major new construction or modernization project. Projects must meet eligibility requirements.

School districts are responsible to secure local funding (Grants, Levy, Bond, Capital Funds, Land, Etc) for construction projects. If eligible, the State provides partial funding based on formulas, allowances, and costs related to certain aspects of a construction project called recognized project costs.

LOCAL SHARE

If required, Local Share may include grants, levy, bond, land contribution, or other capital funding available.

