

CHAPTER 20. INDEPENDENT SCHOOL DISTRICT OF BOISE ANNEX

20.1. HAZARD MITIGATION PLAN POINT OF CONTACT

Primary Point of Contact

Mike Munger; Safety and Security Specialist
8169 W. Victory Rd
Boise, ID 83709
Telephone: 208.854.4086 Cell: 208.841.5718
e-mail Address: Mike.munger@boiseschools.org

Alternate Point of Contact

Dr. Pete Bailey; Deputy Superintendent
8169 W. Victory Rd.
Boise, ID 83709
Telephone: 208.854.4118
e-mail Address: Pete.bailey@boiseschools.org

20.2. JURISDICTION PROFILE

The Independent School District of Boise City #001 was established in 1865 by the Governor of the Idaho Territory and predates Idaho statehood by 25 years. The District currently serves a population of roughly 205,000 residents of Boise City and Ada County. The District operates 57 facilities to serve a student population of approximately 25,000 Pre-kindergarten through 12th grade students.

The following is a summary of key information about the jurisdiction:

- **Population Served**—Approximately 205,000 as of 2010
- **Land Area Served**—Approximately 456 square miles
- **Value of Area Served**—the estimated value of the area served by the jurisdiction is 16.9 billion according to 2009 assessor’s report. This represents taxable market value of the entire district.
- **Land Area Owned**—685 Acres
- List of Critical Infrastructure/Equipment Owned by the Jurisdiction:
 - Vehicles: 166 Utility/Passenger vehicles-\$1806781 insured value
 - Buses: 0 (all buses are owned by District Transportation Contractor)
 - Equipment (critical only):
 - Tractor \$2,574
 - 1982 Flail Mower with Attachment \$2,852
 - 2002 Mule \$8,879
 - 1963 Road Grader \$82,757
 - 2002 Ditching Machine \$1,744
 - 1977 Electric Fork Lift \$13,061
 - 1992 Forklift \$29,668
 - 1969 Lift Truck \$20,317
 - 1978 Loader/Tractor \$34,494

- 1989 Forklift \$15,994
 - 1978 Tractor \$19,501
 - 1987 Ford Backhoe \$8,500
 - 1973 Tractor \$19,501
 - 2007 Genie Aerial Work Platform \$13,846
 - 1997 Skid Steer Loader \$20,639
 - 2000 200 Utility Truck with Snow Blade \$8,936
 - 2007 Kawasaki UTV 4x4 Mule Model KAF620E7F \$10,155
 - 1996 Front End Loader \$78,644
 - 1974 Implement trailer \$2,769
 - 1989 Utility Trailer \$1,866
 - 1970 Trailer \$2,621
 - 1975 Dump End Trailer \$5,412
 - Float Leveler Attachment \$3,200
 - 2008 Yamaha Rhino 700 ATV \$7,995
 - 2010 Kawasaki 2 WD Mule Model KAF400BAF \$7,555
- **Total Value of Critical Infrastructure/Equipment**—The total value of critical infrastructure and equipment owned by the jurisdiction is \$2,230,000
 - List of Critical Facilities Owned by the Jurisdiction:

Building #	Description	Replacement Value (building + contents)
400 West Fort Street		
1	Maintenance/Warehouse #8	1,436,874
2	Book Warehouse/Small Engine #7	522,686
3	Custodial Warehouse #9	521,252
4	Paint Equip & Lunch #13,14,15	295,644
5	Storage #16	185,083
6	Storage #17	397,131
7	Bleacher & Chair Storage #18	256,206
8	Vehicle/Carpen/Mower#5	520,920
9	Breakroom/Glass/Paint Elect.#3	1,135,141
10	Grounds and HVAC Shop #2	1,135,141
11	Equipment Shed #1	153,807
12	Comm & Tech Shop #4 Relocatable #166	181,492
13	Food & Paper Warehouse #6	1,754,113
14	Miscellaneous Storage #15	107,644
15	Miscellaneous Paint Storage #10	12,278
16	Athletic Bldg #11	35,474
17	HVAC Filter Storage #12	77,550
1725 Warm Springs Avenue		
1	Adams Elementary School	5,009,309
2	Modular Classroom #164	27,408

3	Modular Classroom #136	30,382
10000 West Amity		
1	Amity Elementary School	6,728,072
2	Storage Building	19,662
3	Modular Classroom #24	65,988
4	NW Modular Classroom #149	84,846
4426 Catalpa		
1	Collister Elementary School	3,555,379
2	Modular Bldg #16 12 x 40	36,087
3	Relocatable Class. #15	64,960
1914 Broadway Avenue		
1	Garfield Elementary School	6,359,091
2	Relocatable Building #37	65,988
3	Relocatable Bldg #35	151,577
4	Relocatable Bldg #111	65,988
2401 Targee		
1	Hawthorne Elementary School	5,935,948
2	Relocatable #38	65,988
3	Relocatable #39	65,988
4	Modular Classroom #153	113,531
5	Modular Classroom	109,009
3434 Bogus Basin Road		
1	Highlands Elementary School	3,607,599
2	Relocatable Room #40	36,087
3	Modular Classroom #21	17,378
4	Modular Classroom #161	84,846
5	Relocatable Building #112	65,988
2045 Pond Road		
1	Hillcrest Elementary School	6,271,583
2	Relocatable Bldg #42	67,540
3	Relocatable Bldg #41	31,576
334 South Cole Road		
1	Jackson Elementary	4,761,514
2	Relocatable Bldg #57	31,576
3	Relocatable Bldg #56	61,351
4	Relocatable Bldg #58	65,988
5	Relocatable Bldg #59	65,988
200 South Latah		
1	Jefferson Elementary School	4,846,686
2	Modular Bldg #61 12 x 40	36,010
3	Relocatable Bldg #60	73,982
2015 North Curtis		
1	Koelsch Elementary School	7,243,743
2	Relocatable Bldg #63	36,087
3	Relocatable Bldg. #64	65,988
4	Relocatable Bldg #62	151,577
1740 South Bergeson		
1	Liberty Elementary School	7,386,785

2	Relocatable Bldg #67	65,988
3	Relocatable Bldg #69	65,988
4	Relocatable Bldg #65	32,481
5	Relocatable Bldg #173 w/Restroom	95,491
300 Fort Street		
1	Fort Boise Learning Center	4,765,399
2	Lincoln Carpenter Shop	259,658
3	Benefits and Records	915,525
4	P.A.S.S. Building	154,223
5	Modular Classroom #157	82,847
6	Modular Classroom #155	79,912
7	Work & Learn Bldg #168	403,594
8	Modular Classroom #55	61,351
1511 North 9th Street		
1	Longfellow Elementary School	4,169,324
2	Relocatable Bldg #73 12 x 36	32,479
3	Multi-Purpose Building	630,232
4	Relocatable Bldg #74 24 x 38	65,988
1507 North 28th		
1	Lowell Elementary School	6,068,675
2	Relocatable Bldg #75 26 x 54	105,562
3	Relocatable Bldg #76 24 x 38	65,988
4	Relocatable Bldg #77 12 x 40	36,092
5	Construction Mobile Bldg #6	101,303
2215 Madison		
1	Madison Elementary School	1,866,784
2	Relocatable Bldg #78 10 x 44	33,222
3	Relocatable Bldg #146/Brk Rm	131,502
2800 South Maple Grove Road		
1	Maple Grove Elementary School	5,826,241
2	Relocatable Bldg #80 24 x 32	57,742
3	Relocatable Bldg #79 24 x 38	65,988
4	Relocatable Bldg #81 24 x 38	65,988
5	Relocatable Bldg #82 24 x 38	65,988
6	Relocatable Bldg #83 24 x 38	65,988
7	Relocatable Bldg #84 24 x 38	65,988
6411 West Fairfield Avenue		
1	Grace Jordan Elementary	8,600,000
3615 Cassia		
1	Monroe Elementary School	3,346,755
2	Relocatable Bldg #86 24 x 34	61,351
3	Relocatable Bldg #87 24 x 38	65,988
3500 Cabarton Lane		
1	Mountain View Elementary	4,259,369
2	Relocatable Bldg #91 12 x 18	15,076
3	Relocatable Bldg #90 24 x 30	54,131
4	Relocatable Bldg #92 24 x 38	65,988
5	Relocatable Bldg #89 24 x 41	73,982
6	Relocatable Bldg #88 24 x 56	101,052

3434 Pasadena

1	Owyhee Elementary School	4,194,596
2	Modular Bldg #94 12 x 40	36,092
3	Relocatable Bldg #95 24 x 38	65,988
4	Relocatable Bldg #93 28 x 38	79,999
5	N.W. Modular Classroom #152	88,793

5015 Pierce Park

1	Pierce Park Elementary School	3,684,124
2	Relocatable Bldg #100 24 x 34	61,351
3	Relocatable Bldg #101 12 x 36	32,479
4	Relocatable Bldg #99 24 x 38	65,988
5	Relocatable Bldg #98 24 x 38	65,988
6	Relocatable Bldg #102 24 x 34	61,351
7	Relocatable Bldg #142 28x72	125,199

903 East Jefferson

1	Roosevelt Elementary School	4,336,002
2	Relocatable Bldg #105 24 x 38	65,988
3	Modular Classroom #85	35,379

3722 Anderson

1	Taft Elementary School	4,711,127
2	Relocatable Bldg #108 24 x 30	54,131
3	Relocatable Bldg #109 24 x 30	54,131
4	Relocatable w/Restroom #172 JFK	117,068
5	Relocatable Building #113	65,988
6	Relocatable Building #114	65,988
7	Relocatable Bldg #110 12 x 18	16,237

3555 Milwaukee

1	Valley View Elementary School	5,982,966
2	Relocatable Bldg #116 24 x 38	65,988
3	Relocatable Bldg #117 24 x 38	65,988
4	Latch Key #115 28 x 72	131,502
5	Modular Classroom #143	127,706

1607 North 15th

1	Washington Elementary School	3,978,981
2	Relocatable Bldg #118 12 x 35	31,576
3	Relocatable Bldg #120 24 x 38	65,988

1609 South Owyhee

1	Whitney Elementary School	10,943,950
---	---------------------------	------------

301 North 29th

1	Whittier Elementary School	4,272,857
2	Relocatable Bldg #132 26 x 54	105,561
3	Relocatable Bldg #134 24 x 38	65,988
4	Relocatable Bldg #131 24 x 34	61,351
5	Relocatable Bldg #133 12 x 40	36,092
6	Relocatable Bldg #18	77,672
7	Modular Classroom #48	54,131
8	Modular Classroom #135	18,323
9	Modular classroom w/restroom #159	100,758
10	Modular classroom w/restroom #160	100,758

11	Relocatable Bldg #128	145,747
401 East Linden Street		
1	White Pine Elementary School	7,890,693
5401 West Castle Drive		
1	Cynthia Mann Elementary School	7,869,681
2	Relocatable Bldg #17 24 x 38	65,988
3	Relocatable Bldg #138 28x72	131,502
730 North Mitchell		
1	Horizon Elementary School	7,890,693
2	Relocatable Bldg #54 28 x 72	127,151
3	Relocatable Bldg #14 24x56	96,821
4	Relocatable Bldg #22 24x38	65,988
5	Relocatable Bldg #23 24x38	65,988
6	Modular Classroom #171 (JFK)	99,144
2100 East Victory Road		
1	Riverside Elementary School	7,890,308
2	Relocatable Bldg #104 28 x 72	127,702
3	“Bown” House	236,701
4	Modular Classroom #141	131,502
5600 East Warm Springs Av		
1	East Junior High School	15,230,000
2121 North Cole Road		
1	Fairmont Junior High School	12,401,582
2	Equipment Storage Bldg	22,797
3	Relocatable Bldg #27 24 x 30	54,131
4	Relocatable Bldg #28 24 x 30	54,131
5	Relocatable Bldg #29 24 x 38	65,988
6	Relocatable Bldg #30 24 x 38	65,988
7	NW Modular Classroom #147	84,846
8	Relocatable Building #72	65,988
3536 Hill Road		
1	Hillside Junior High School	10,449,906
2	Relocatable Bldg #50 24 x 38	65,988
3	Relocatable Bldg #51 24 x 38	65,988
4	Relocatable Bldg #52 24 x 38	65,988
5	Relocatable Bldg #53 24 x 38	63,425
6	Relocatable Bldg #145 28x72	127,151
701 Boise Avenue		
1	Timberline High School	27,568,446
2	Relocatable Bldg #144	127,151
3	Relocatable #170	79,398
4	Relocatable Bldg #169	82,259
1105 North 13th		
1	North Junior High School/Gym	16,132,430
2	Cafeteria Building	2,229,638
805 Shoshone Street		
1	South Junior High School	20,330,000

1010 Washington

1	Boise High School	20,770,391
2	Gymnasium Building	7,056,406
3	Athletic Storage Building	3,494
4	Classroom/Library/Aux Gym	10,245,323

6001 Cassia

1	Borah High School North Wing A	5,449,526
2	Borah High—Center Wing B	2,998,614
3	Borah High—South Wing C	2,998,614
4	Office/Library/Cafe//Auditor.	4,364,787
5	Metal & Auto Shop Building	800,359
6	Heating Plant/Indust. Arts Bldg	3,312,695
7	Gym/Music/Classrooms Building	8,015,741
8	Greenhouse Building	87,429
9	New Gym	5,794,780
10	Relocatable Bldg #5 24 x 34	61,351
11	Relocatable Bldg #4 24 x 34	61,351
12	Relocatable Bldg #3 24 x 34	61,351
13	Relocatable Bldg #2 24 x 36	65,988
14	Relocatable Bldg #1	57,742
15	Relocatable Bldg #70 12x40	36,092
16	Modular Classroom #154	53,064
17	Modular Classroom #44	65,988
18	Auditorium	5,055,892

8055 Goddard

1	Capital High School	27,286,805
2	Planetarium Building	1,895,804
3	Boiler Building	462,669
4	Greenhouse Building	82,281
5	Athletic Storage Building	4,500
6	Gymnasium Building	2,271,019
7	Modular Classroom #150	84,846
8	Modular Classroom #148	84,846
9	Relocatable Bldg #25 24x38	62,252
10	Relocatable Bldg #68	65,988

1517 North 24th

1	Booth Memorial Hospital	58,104
---	-------------------------	--------

495 South 15th Street

1	Food at Boise Cold Storage	218,525
---	----------------------------	---------

3701 Lake Forest Drive

1	Trail Winds Elementary	9,254,078
2	Relocatable Bldg #140	65,988
3	Relocatable Building #36	65,988
4	Modular Classroom #26	65,988
5	Relocatable Bldg #31	73,277

8198 Sloan Street

1	Shadow Hills Elementary	8,431,680
2	Relocatable Bldg #103	61,351
3	Relocatable Bldg #139	127,151

4150 East Grand Forrest Dr.		
1	Les Bois Junior High School	15,344,581
6801 North Gary Lane		
1	Riverglen Junior High School	15,432,831
8201 W. Victory Road		
1	Occupational Ed Bldg (ASCENT)	11,637,771
2	Construction Classroom	47,838
3	Cooperative Learning Center	1,203,921
600 South Walnut		
4	Occ. Ed Classroom #158	82,846
8169 Victory Road		
1	Boise Service Center(Admin)	7,078,716
465 Gowen Road		
1	Transportation Facility	3,753,827
2	Relocatable #165	55,084
3	Relocatable Bldg #33	80,432
4	Relocatable Bldg #34	73,277
5	Relocatable Bldg #32	65,988
6	Relocatable #163	69,244
7	Relocatable Bldg #106	65,988
8	Relocatable Bldg #107	65,988
9	Relocatable Building #96	65,988
10	Relocatable Building #97	138,945
11	Modular Classroom #167	227,309
12	Relocatable Bldg #121	65,988
13	Relocatable Bldg #162	75,837
14	Relocatable Classroom #13	65,986
15	Relocatable Classroom #119	61,351
West Salt Creek		
1	Frank Church High School	13,400,000
8371 West Salt Creek		
1	West Junior High School	15,580,615
7701 Northview		
1	Morley Nelson Elementary	8,600,000
0		0
		521,049,939
5480 W. Hidden Springs Drive		
0	Hidden Springs Elementary	7,033,700

- **Total Value of Critical Facilities**—The total value of critical facilities owned by the jurisdiction is 1,047,645,788
- **Current and Anticipated Service Trends**—Demography projections indicate slow, but steady growth in student population for the next 10 years roughly corresponding to overall population growth rates of Boise City (2.3%), compared with the rapid growth during the 1990s

20.3. JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 20-1 lists all past occurrences of natural hazards within the jurisdiction.

20.4. HAZARD RISK RANKING

Table 20-2 presents the ranking of the hazards of concern.

20.5. APPLICABLE REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this hazard mitigation plan:

- IC 33-506(1)
- Boise School Board of Trustee's Policy #3350
- Boise School Board of Trustee's Policy # 3310
- Boise School Board of Trustee's Policy # 4510
- Boise School Board of Trustee's Policy # 4211
- Boise School Board of Trustee's Policy # 9410
- Administrator's Emergency Response Procedures Manual

20.6. CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The jurisdiction's classifications under various hazard mitigation programs are presented in Table 20-3.

20.7. HAZARD MITIGATION ACTION PLAN AND EVALUATION OF RECOMMENDED INITIATIVES

Table 20-4 lists the initiatives that make up the jurisdiction's hazard mitigation plan. Table 20-5 identifies the priority for each initiative. Table 20-6 summarizes the mitigation initiatives by hazard of concern and the six mitigation types.

TABLE 20-1. NATURAL HAZARD EVENTS		
Type of Event	Date	Preliminary Damage Assessment
Storm (High Winds)	2/2011	\$10,000
Severe Winter Storm (Freezing)	12/2005	\$5,000

TABLE 20-2. HAZARD RISK RANKING		
Rank	Hazard Type	Risk Rating Score (Probability x Impact)
1	Earthquake	54
2	Severe Storm	36
3	Flood	33
4	Wildland Fire	24
5	Dam Failure	18
6	Drought	15
7	Volcano (Ash Fall)	14
8	Landslide	12

TABLE 20-3. COMMUNITY CLASSIFICATIONS			
	Participating?	Classification	Date Classified
Public Protection	No	N/A	N/A
Storm Ready	No	N/A	N/A
Firewise	No	N/A	N/A

TABLE 20-4. HAZARD MITIGATION ACTION PLAN MATRIX						
Applies to new or existing assets	Hazards Mitigated	Objectives Met	Lead Agency	Estimated Cost	Sources of Funding	Timeline
BSD-1—Seismic Engineer Study of Over-Roofed/Unreinforced Structures						
Existing	Earthquake	1-3,10	BSD	Low	Existing Budget/MAT	Short
BSD-2—Backup Power to Shelter Facilities (high school and junior high school sites)						
Existing	1-4,9	1,3,7-10	BSD	Medium	HMGF/District Funds	Short
BSD-3—Partner with ACCEM for disaster response and preparedness, including updates to the county emergency operations plan.						
Existing	All	1-10	ACCEM	Low	District Funds	Long
BSD-4—Continue internal (staff) and external (student/family) hazard education programs.						
Existing	All	1,7-9	BSD	Low	District Funds	Long
BSD-5—Integrate site and district emergency operations plan documents into County-wide emergency operations plan						
Existing	All	1,2,7-10	BSD	Low	District Funds	Long
BSD -6—Support County-wide initiatives identified in Volume 1.						
New and Existing	All Hazards	All	BSD, ACCEM	Low	BSD	Short term Ongoing
BSD-7—Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.						
New & Existing	All Hazards	All	ACCEM, BSD	Low	BSD, FEMA Mitigation Grant Funding for 5-year update	Short-Term, Ongoing

**TABLE 20-5.
MITIGATION STRATEGY PRIORITY SCHEDULE**

Initiative #	# of Objectives Met	Benefits	Costs	Do Benefits Equal or Exceed Costs?	Is Project Grant-Eligible?	Can Project Be Funded Under Existing Programs/Budgets?	Priority ^a
BSD-1	3	Medium	Low	Yes	Yes	Yes	High
BSD-2	4	High	Medium	Yes	Yes	No	Medium
BSD-3	2	Medium	Low	Yes	Yes	Yes	Medium
BSD-4	3	Medium	Low	Yes	No	Yes	Medium
BSD-5	4	Medium	Low	Yes	No	Yes	Medium
BSD-6	10	High	Low	Yes	No	Yes	High
BSD-7	10	Low	Low	Yes	Yes	Yes	High

a. See Section 1.3 for definitions of high, medium and low priorities.

**TABLE 20-6.
ANALYSIS OF MITIGATION INITIATIVES**

Hazard Type	Initiative Addressing Hazard, by Mitigation Type					
	1. Prevention	2. Property Protection	3. Public Education and Awareness	4. Natural Resource Protection	5. Emergency Services	6. Structural Projects
Earthquake	1,2,7	1,2	6		1,2, 6	1,2
Severe Storm	1,2, 7	1,2	6		1,2, 6	1,2
Flood	3,4,5,7		3,4,5, 6		1,2, 6	
Wildland Fire	3,4,5,7		1,2,3,4,5, 6		1,2,, 6	
Dam Failure	3,4,5,7		3,4,5, 6		1,2,6	
Drought	7		6		6	
Volcano	3,4,5,7		3,4,5, 6		1,2, 6	
Landslide	3,4,5,7		3,4,5, 6		1,2, 6	

1. Prevention: Government, administrative or regulatory actions that influence the way land and buildings are developed to reduce hazard losses. Includes planning and zoning, floodplain laws, capital improvement programs, open space preservation, and stormwater management regulations.
2. Property Protection: Modification of buildings or structures to protect them from a hazard or removal of structures from a hazard area. Includes acquisition, elevation, relocation, structural retrofit, storm shutters, and shatter-resistant glass.
3. Public Education and Awareness: Actions to inform citizens and elected officials about hazards and ways to mitigate them. Includes outreach projects, real estate disclosure, hazard information centers, and school-age and adult education.
4. Natural Resource Protection: Actions that minimize hazard loss and preserve or restore the functions of natural systems. Includes sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.
5. Emergency Services: Actions that protect people and property during and immediately after a hazard event. Includes warning systems, emergency response services, and the protection of essential facilities.
6. Structural Projects: Actions that involve the construction of structures to reduce the impact of a hazard. Includes dams, setback levees, floodwalls, retaining walls, and safe rooms.