

Agenda

Bond Reimbursement and Grant Review Committee Meeting Agenda

December 7, 2011
1:00 pm to 5:00 pm
Talking Book Library
Post Office Mall, Lower Level
344 West 3rd Avenue
Anchorage, Alaska

Chair: Elizabeth Nudelman

Wednesday, December 1st

Agenda Topics

12:45 – 1:00 PM

Committee Preparation

- Arrival, Packet Review

1:00 – 1:15 PM

Review and Approval of Agenda and Minutes

New Business, Additions to the Agenda

1:15 – 1:30 PM

Public Comment (5 minutes maximum, time will be prorated if more than three people wish to comment)

1:30 – 3:15 PM

Staff Briefing

- Preventive Maintenance Update (PM State of the State)
- Debt Reimbursement Funding Status (SB 237 Report)
- FY2013 CIP Report
 - Summary Statistics
 - Initial Priority Lists

3:15 – 3:30 PM

BREAK

3:30 – 4:45 PM

Staff Briefing (Continued)

- Energy Regulation Update
- Publications Update
- Staffing Update

Action Items

- Approval of Site Selection Guide as updated

4:45 – 4:55 PM

Committee Member Comments

4:55 – 5:00 PM

Set date for next meeting

5:00 PM

Adjourn

Bond Reimbursement and Grant Review Committee Meeting Draft Minutes
March 16, 2011
Department of Education and Early Development
Alaska Permanent Fund Conference Room
Juneau, Alaska

| Committee Members | EED Staff | Other Attendees |
|--------------------------------------|------------------|---|
| Elizabeth (Sweeney) Nudelman - Chair | Sam Kito | Robert Reed - LYSD |
| Representative Peterson | Kim Andrews | David Dunsmore – Rep. Peterson’s Office |
| Mary Cary | Michelle Norman | Don Hiley – SERRC |
| Mark Langberg* | | Kathy Brown – SERRC |
| Robert Tucker | | Charlie Carlson - SERRC |
| Carl John | | |
| Doug Crevensten | | |
| Dean Henrick | | |

*attended via teleconference

CALL TO ORDER AND ROLL CALL 9:08am

AMENDMENT of and APPROVAL of MINUTES

Minutes approved as submitted

AMENDMENT of and APPROVAL of the AGENDA

Agenda approved as submitted

PUBLIC COMMENT

No public comment. Carl John introduced his colleague, Mr. Robert Reed, the new director of maintenance and facilities for the LYSD.

STAFF BRIEFING – Refer to attachment for details

Sam provided a brief overview for the benefit of Representative Peterson explaining the purpose of the BR&GR and the specific purpose of the current meeting and including what information will be covered in the meeting today.

Debt Reimbursement Funding Status (SB237 Report)

Last year the legislature passed SB237 which modified the sunset requirement for the debt program and also made some modifications to the grant program.

Under SB237 starting July 1, 2011, the total amount of bond authorization requested is \$144,616,551. The total amount approved by the department is \$144,076,551. The total voter approved amount is \$72,751,551. The amount for projects that are both voter and EED approved is \$72,751,551.

Debt Reimbursement voter and EED approved at 70% - \$72,751,551

Debt Reimbursement voter and EED approved at 60% - \$0

Elizabeth noted that some of the projects listed on page 9 reflect 60% approval – Kim clarified that those projects have not yet been voter approved.

Final CIP Lists

On March 17th and 18th, the State Board of Education is meeting in Juneau and will consider the final CIP priority lists. The Final CIP lists are included in the packet, there were no changes between the reconsideration list and this final list.

For FY2012, 38 of 53 school districts submitted a total of 158 applications for the first year of the districts' revised six-year plans, 113 of the applications were scored, and the districts requested that 45 application scores be re-used for the FY 2012 list. The department determined that 9 applications were ineligible, modified the category of 6 projects that resulted in a change of list, and adjusted the budgets of 31 projects under the provisions of AS 14.11.

The major maintenance list contains a total of 117 projects amounting to a total of over \$275 million, and the school construction list contains a total of 32 projects amounting to a total of over \$313 million.

Carl John asked for clarification on the status of the governor's budget. Sam explained that the governor's budget funds up to project 14 on Major Maintenance list and project 1 on the Construction list. Carl asked whether or not there was word of additional funding consideration for Construction projects. Elizabeth stated the only information the department has is based on the governor's budget list. Additionally, there are the other 3 school construction projects which were funded by the November GO bonds. (Alakanuk, Kipnuk and Kwigillingok K-12 Schools)

Cost Model Update

This is not yet available, it is in draft and districts can expect to have it available for the training scheduled for May. The tentative date is May 6, 2011.

FY2013 Application Review and Approval

- **FY2013 Application begins on page 40**
 - Question 9.** Have added a feature to sum the entered GSF providing an auto tabulated total SGF on the final line of the table.
 - Question 16.** Added a line where the district can write in the name of their A/E consultant.

Carl asked if they district brings in a designer to do a survey – someone other than an A/E – suggested if this title could be changed to allow other professionals - perhaps change this to Design Consultant rather than A/E Consultant

Question 18. On table 2, row titled “Size/Dollar Adj. Factor” has been added. This correction has been added to accommodate for a smaller project which takes into account that a small project does not benefit from the economy of scale.

- **FY2013 Application Instructions start page 53**

Question 3. Added the word “current” to clarify that the plan submitted must be current.

Question 18. Updated to cost model update reference to the most current model.

Question 30. page 64 of 114

Assessment 1 – added language: “Discuss the quality of your program as it is reflected in the submitted objective reports (i.e. diversity in work types, hours available is accurate, there is a high percentage of reported hours).” This is asking that the district discuss in the narrative of their Preventative Maintenance program the qualitative aspects of the Preventative Maintenance reports that they have submitted.

Assessment 2 – clarified that the request for data is for the previous 12 months. Sam was asked if the department will be working with School Dude in creating the reports to meet this requirement. Sam explained School Dude responds to, and follows the request of the districts. If the district request the previous 12 months, they will do so. Sam clarified that the department will be flexible in the definition of 12 months, whether a district utilizes a calendar year, a fiscal year, or the 12 months preceding the application. Wayne Marquis has asked School Dude if they will put district and date information on the reports. They are reluctant to do so, but the request has been made.

- **FY2013 Rater’s Guide page 75-79**

Added category “D” to the Major Maintenance Column

- **FY2013 CIP Eligibility and Scoring Criteria page 80-81**

Added category “D” to the Major Maintenance Column

- **Subjective Rating Form page 82**

Added category “D” to the Major Maintenance Column

-BREAK-

Site Selection Criteria

We have polished the guideline and incorporated the DOT guidelines into the revision. We also incorporated the size metric used by the CEFPI guidelines. There is some narrative about how the guideline works and applying the guideline to different types of projects.

Page 89 of 114 used to have a size identified with various student populations. They recommend now looking at the program and other activities taking place on the site. This will allow districts to be a little more flexible in selecting a site. It allows the district to take into consideration the school GSF, if the school requires a soccer field, etc, and allows the acreage of the lot to score based more on the uses of the site.

Additional items have been reformatted but have no substantive modifications until you reach the DOT traffic Criteria

- **DOT Traffic Criteria** Page 93 of 114
Traffic Impact – A narrative has been added explaining this new criteria section. There had been a suggestion to test the criteria, but Sam noted that each district will individually weight criteria different and this would be difficult to test given the dramatic differences between districts. As a result, Sam did not put together a weighting recommendation for any of the criteria.

The Anchorage School District sent in a letter which Sam read aloud. It noted the district's requirement to abide by specific guidelines set by the city of Anchorage. Sam noted that the Site Selection Criteria are guidelines which should be viewed by the districts as a tool to help in site selection. They are not mandated and not in statute or regulation. Districts in the past have misunderstood and thought, for example, that the site minimum size was a mandate.

Bob asked if there could be language added to emphasize, particularly to larger districts, the impact not thinking through traffic consequences can have.

Mary suggested adding criteria which would take into consideration topography given the significant costs associated with building on a severe slope.

Sam took note and said he will work on these two suggestions and will circulate his changes via email to the committee.

Sam brought the committee's attention to pages 112 and 113 with the illustrations of consideration for both rural and urban site selection.

PUBLICATIONS UPDATE

Site Selection has been moved to the top of the publications review.

Swimming pool and PM & FM Guide drafts will be presented to the committee at the July meeting. (December meeting as the July meeting has been canceled).

Carl requested that the PM & FM Guide be prioritized as it will be of benefit to a larger number of districts than the swimming pool guidelines. Sam noted it is prioritized above the Swimming Pool guidelines.

Sam advised the department is looking at creating forms for procurement to be made available to districts to ensure compliance with state procurement requirements. While many districts have their own processes, smaller districts in particular could use forms as a starting point for successful procurement. These may be incorporated into the A/E guidelines or they may be made available on the department website.

Bob made a recommendation of having districts that are implementing or starting up a new PM program, to incorporate getting the employee's buy-in and coordination with the maintenance staff in order to ensure a successful implementation.

Carl suggested adding a recommendation of what adequate staffing is for custodial and maintenance for schools and even district teacher housing.

Sam responded that there generally are GSF guidelines for both custodial and maintenance standards. The department is not involved in any district housing, but did note that on the dept experience with Mt Edgecumbe – the majority of unscheduled maintenance comes from the dorm side rather than the school facility side.

Elizabeth noted the department wants to make it clear that any guidelines such as this would not be a requirement – the dept does not want to be seen as dictating budget and where resources need to be directed.

Sam said he will do some research to see if the department can identify some generally accepted guidelines which can be incorporated into the PM & FM guide.

STAFF GOALS and OBJECTIVES

Database review

Sam explained that the department currently has a database system which while cumbersome is functional though we are working toward consolidation into a non-Access platform database.

Online CIP Application Status

Carl prepared a statement regarding the potential online application. He feels it is important that an online application allow for submission of photographs and graphs.

Sam responded that any online application submittal process would incorporate and allow for submittal of all supporting documentation. The first issue is that the underlying database would need to have the ability to link to the online application and submittals.

Staffing Update

We have advertised and are in the process of hiring for Kim's old School Finance Specialist II position. The department hopes to be fully staffed soon.

PROPOSED FUTURE AGENDA ITEMS

Mary asked that if there are any developments on Career Education or Vocational Education that related to facilities, the committee would like to be updated.

Carl asked if the CIP training will be in Anchorage this year.

Sam stated that there will be a single training session and it will be held in Anchorage.

ACTION ITEMS

Approve FY2013 CIP Application Supporting Documentation

FY2013 CIP Application Supporting Documentation Approved as submitted

Approve FY2013 CIP Application

Sam proposed changing the reference on question 16 from "A/E Consultant" be changed to "Design Consultant". This change was approved.

FY 2013 CIP Application approved as amended.

Approve Updated Site Selection Criteria – deferred until the next meeting

Sam noted there are two changes that were requested by the committee. These are more than technical edits. He recommended that the draft criteria could be made available to districts as needed, and the changes could be made and communicated via email with the committee.

Elizabeth clarified that we can make the criteria available as a draft. She is comfortable holding off on approval until the next meeting,

Mary noted there are Anchorage schools with seismic risk – given the current events in Japan – a footnote may be applicable to the criteria to ensure seismic awareness.

Sam noted that building codes do currently take into account seismic risk. The narrative does also provide for districts to add criteria.

Kim pointed out natural hazards on page 97 of 114 which notes "acts of God".

Elizabeth proposed that the committee agree to bring this back publication back for review and approval at the next meeting. There were no objections.

SET DATE and LOCATION OF FUTURE MEETINGS

Sam noted he has no specific agenda items for a July meeting. In the past, the July meeting has been an opportunity to showcase recent activity in school construction.

Elizabeth presented the committee with options regarding the July meeting. The committee could meet in order to showcase some projects as Sam noted, could meet telephonically or the committee could not meet in July but rather meet again in December. These options were discussed and it was decided that the next scheduled meeting be set for December. The

committee reserves the possibility of meeting telephonically should any critical business arise that cannot wait until December.

Next meeting December 2011, to be held again in Anchorage.

Elizabeth commended Sam on the work he has done on the publications review and asked that he provide any comments he has.

Sam noted he is working on adding energy efficiency guidelines to regulations. This is due to the legislative activity last year, during which energy efficiency requirements were put into statute. Sam will be putting out a white paper for districts and this committee to review in December.

The Department has a statute requiring the review of energy consumption and costs in the design phase of a project. As a result, projects beginning FY2012 will have an additional submittal requirement which provides the department with anticipated operating costs will be. It will be applied to new facilities, major renovations, etc. – it will be applied in situations when it makes common sense.

COMMITTEE MEMBER COMMENTS

Mark noted he is pleased to see how efficiently these meetings have been happening.

Sam responded by proposing scheduling future meetings in a half-day format, and then organizing a planned excursion to visit new and existing school facilities.

Mary asked Mark if with the cost saving and energy modeling, is this something that would need to be added to the A/E agreement?

Mark explained that this would be an A/E addition. It could be a simple task, but on larger projects, cost modeling can be a complex and significant addition to the requested work. He cautioned about requiring lead certification – lead certification does not necessarily mean that a facility will be more energy efficient.

Sam explained that the department is looking to encourage specific energy efficiency, while some districts are within areas which already require lead certification for their public buildings so in those cases, it would not necessarily be any additional cost.

Bob is pleased to see the work on publications and the site selection guidelines. He sees the PM & FM Guidelines as a priority and applicable to more districts than the Swimming Pool Guidelines.

Mary noted that in the Anchorage School district there has been a movement toward more special education dedicated classrooms. Perhaps we may want to look at space guidelines taking into consideration special education given.

Carl expressed his appreciation for the hard work of the staff and congratulated Kim on her promotion.

Dean also thanked the department staff. He announced he will be retiring from KSD, but he does not expect that to affect his seat on the BRGR committee at this time.

Doug thanked the department for their hard work.

MEETING ADJOURNED at 11:15

By: Sam Kito III, P.E.

Date: December 7, 2011

Phone: 465-6906

File: 2011-12-07 Staff Briefing

For: Bond Reimbursement and Grant
Review Committee

Subject: EED Facilities Overview

S T A F F B R I E F I N G

Staff Briefing

Preventive Maintenance Update (PM State of the State)

The Preventive Maintenance State of the State report (attached) was updated on August 15, 2011.

Districts that are certified, but still working with the department to develop a full year of reports (Provisional Certification) include:

- Dillingham City School District
- Northwest Arctic Borough School District
- Haines Borough School District

Districts that are not currently certified include:

- Aleutian Region
- Kashunamiut
- Pribilof
- Tanana

Debt Reimbursement Funding Status (SB 237)

The updated debt tracking report under SB237 starting July 1, 2010 is attached to the committee packet. The total amount of bond authorization requested under SB 237 is \$166,476,910. The total amount approved by the department is \$165,936,910. The total voter approved amount is \$111,650,992. The amount for projects that are both voter and EED approved is \$111,611,910.

Debt Reimbursement voter and EED approved at 70% - \$111,111,910

Debt Reimbursement voter and EED approved at 60% - \$500,000

The department currently has two pending debt applications that have been submitted by districts to the department, but have not yet received department approval. One application from the North Slope Borough School District with a requested project amount of \$5,587,194, and one application from the Kodiak Island Borough School District with a requested project amount of \$76,310,000.

The department is also aware of voter approved bonds from the Mat-Su Borough for which applications are anticipated. The voter approved amount is approximately \$214 million.

Initial CIP Lists

The initial CIP lists are included in the packet. The department provided a memo to the School Superintendents that announced the availability of the lists. The department also transmitted the lists to the Governor’s office for their use in developing the FY2013 capital budget.

Following are some year-to-year statistics

| | FY2013 | FY2012 |
|--|---------------|---------------|
| Districts Submitting Applications | 34 | 38 |
| Number of Applications Submitted | 158 | 158 |
| Number of Applications Scored | 138 | 113 |
| Number of Applications Reused | 20 | 45 |
| Number of Applications Ineligible | 11 | 9 |
| Number of Applications with a Change in List | 4 | 6 |
| Number of Applications with a Budget Adjustment | 18 | 31 |
| Number of Projects on the Major Maintenance List | 120 | 117 |
| Number of Projects on the School Construction List | 27 | 32 |
| Amount Requested on Major Maintenance List | \$265,889,455 | \$275,132,938 |
| Amount Requested on School Construction List | \$273,634,749 | \$313,999,772 |

Also included in the attachments to this report is the department’s calculated Percent Local Share table that shows the current local share requirement for districts that receive project funding for FY2013 applications.

Site Selection Criteria Handbook

The final Site Selection Criteria Handbook are included in the packet for approval. This version of the document includes comments provided by the BR&GR committee during the April 16, 2011 BR&GR meeting as-well-as some technical modifications to the transportation criteria developed by the State of Alaska Department of Transportation and Public Facilities. The criteria provide guidance for districts to assist in selection of an appropriate site for construction of a school facility.

Energy Regulation Update

The legislature added a responsibility to the Bond Reimbursement and Grant Review Committee to:

“set standards for energy efficiency for school construction and major maintenance to provide energy efficiency benefits for all school locations in the state and that address energy efficiency in design and energy systems that minimize long-term energy and operating costs.” [AS 14.11.014(b)(8)]

Publications Update

Following is a list of publications currently managed by the department along with the estimated revision priority, and the year of publication or latest draft. A final version of the revised Site Selection Criteria Handbook are included in the packet for committee approval.

1. **Site Selection Criteria Handbook (Update Enclosed with this meeting packet)**
2. Preventive Maintenance and Facility Management Guide (Preventative Maintenance Handbook (1999)); [Draft revision started in 2005]
3. A/E Services handbook (1999-Draft)
4. Swimming Pool Guidelines (1997)
5. Outdoor Facility Guidelines (new)
6. Space Guidelines Handbook (1996)
7. Lifecycle Cost Analysis Handbook (1999)
8. Renewal & Replacement Guideline (2001)
9. Facility Appraisal Guide (1997)
10. Condition Survey (1997)
11. Project Delivery Handbook (2004)
12. Equipment Purchase Guideline (2005)
13. Educational Specification Handbook (2005); and Educational Specifications Supplement (2009)
14. Capital Project Administration Handbook (2007)

Staff Goals and Objectives

Publications – Staff will continue to review and update department publications as time permits.

Database review – The Facilities Section currently operates with six separate, but interlinked databases that were developed over a long period of time. The department is working on consolidation of the department's Facilities databases. This project is not currently active.

Online application submittal – Data entry online for the CIP process has the potential to save district's time in application preparation, and costs associated with application submittal. Online application submittal will also save a significant amount of staff time during CIP review time and will allow staff to spend more time reviewing the substance of applications more thoroughly. This project is not currently active.

Staffing Update- The department is in the process of recruiting and hiring for the Building Management Specialist, School Finance Specialist II and School Finance Specialist I positions.



PM State-of-the-State

Report of EED Maintenance Assessments and Related Data

AS Of August 15, 2011

| District | Date of Last Visit | Year of Next Visit | Approved FAIS | Maintenance Management | Energy | Custodial | Training | R&R Schedule | Maint. Program | Status | Program Name | CIP Eligible | Certification Pending |
|-----------------------|--------------------|--------------------|---------------|------------------------|--------|-----------|----------|--------------|----------------|--------|--------------|--------------|-----------------------|
| Alaska Gateway | 5/10/2007 | 2012 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | Yes |
| Aleutian Region | 8/31/2005 | 2015 | N | N | N | Y | N | Y | NP | 2 of 5 | School Dude | No | Yes |
| Aleutians East | 10/8/2009 | 2015 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Anchorage | 7/17/2008 | 2013 | | Y | Y | Y | Y | Y | C | 5 of 5 | Maximo | Yes | No |
| Annette Island | 3/17/2011 | 2016 | Y | Y | Y | Y | Y | Y | I | 5 of 5 | School Dude | Yes | No |
| Bering Strait | 4/3/2009 | 2014 | Y | Y | Y | Y | Y | Y | C | 5 of 5 | TMA | Yes | No |
| Bristol Bay Borough | 2/27/2008 | 2013 | | Y | Y | Y | Y | Y | C | 5 of 5 | QQuest | Yes | No |
| Chatham | 7/11/2007 | 2012 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | Yes |
| Chugach | 1/16/2008 | 2013 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Copper River | 5/7/2007 | 2012 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | Yes |
| Cordova | 11/16/2009 | 2015 | Y | Y | Y | Y | Y | Y | I | 5 of 5 | School Dude | Yes | No |
| Craig City | 6/25/2007 | 2012 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | Yes |
| Delta/Greely | 5/9/2007 | 2012 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | Yes |
| Denali Borough | 12/7/2009 | 2015 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Dillingham City | 2/15/2011 | 2016 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Fairbanks | 7/15/2008 | 2013 | | Y | Y | Y | Y | Y | C | 5 of 5 | JW Edward | Yes | No |
| Galena | 7/19/2007 | 2013 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Haines | 11/3/2010 | 2016 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Hoonah City | 6/15/2007 | 2012 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | Yes |
| Hydaburg City | 6/26/2007 | 2012 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | Yes |
| Iditarod Area | 4/14/2009 | 2014 | Y | Y | Y | Y | Y | Y | I | 5 of 5 | School Dude | Yes | No |
| Juneau | 11/10/2011 | 2016 | Y | Y | Y | Y | Y | Y | C | 5 of 5 | Maximo | Yes | No |
| Kake City | 5/5/2010 | 2015 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Kashunamiut | 8/27/2009 | 2015 | N | N | N | N | N | N | S | 0 of 5 | Maximo* | No | Yes |
| Kenai Peninsula | 1/14/2008 | 2013 | | Y | Y | Y | Y | Y | I | 5 of 5 | School Dude | Yes | No |
| Ketchikan | 3/15/2011 | 2016 | Y | Y | Y | Y | Y | Y | I | 5 of 5 | School Dude | Yes | No |
| Klawock City | 7/27/2007 | 2012 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | Yes |
| Kodiak Island | 1/10/2009 | 2016 | Y | Y | Y | Y | Y | Y | I | 5 of 5 | School Dude | Yes | No |
| Kuspuk | 1/11/2010 | 2015 | Y | Y | Y | Y | Y | Y | I | 5 of 5 | School Dude | Yes | No |
| Lake & Peninsula | 2/25/2008 | 2013 | | Y | Y | Y | Y | Y | C | 5 of 5 | QQuest | Yes | No |
| Lower Kuskokwim | 3/10/2009 | 2014 | Y | Y | Y | Y | Y | Y | C | 5 of 5 | D | Yes | No |
| Lower Yukon | 3/11/2009 | 2014 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Mat-Su Borough | 12/13/2006 | 2013 | | Y | Y | Y | Y | Y | D | 5 of 5 | C | Yes | No |
| Nenana City | 12/14/2009 | 2015 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Nome City | 1/28/2007 | 2012 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | Yes |



PM State-of-the-State

Report of EED Maintenance Assessments and Related Data

AS Of August 15, 2011

| District | Date of Last Visit | Year of Next Visit | Approved FAIS | Maintenance Management | Energy | Custodial | Training | R&R Schedule | Maint. Program | Status | Program Name | CIP Eligible | Certification Pending |
|---------------------------|--------------------|--------------------|---------------|------------------------|----------|-----------|----------|--------------|----------------|---------------|--------------------|--------------|-----------------------|
| North Slope Borough | 7/17/2007 | 2013 | | Y | Y | Y | Y | Y | C | 5 of 5 | Maximo | Yes | No |
| Northwest Arctic | 12/7/2011 | 2016 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Pelican City | 5/22/2008 | 2013 | | Y | Y | Y | Y | Y | I | 5 of 5 | School Dude** | Yes | No |
| Petersburg City | 3/30/2011 | 2016 | Y | Y | Y | Y | Y | Y | I | 5 of 5 | School Dude | Yes | No |
| Pribilof Island | 4/5/2010 | 2015 | Y | N | Y | Y | N | Y | S | 3 of 5 | Maximo* | No | Yes |
| Sitka City Borough | 2/26/2007 | 2012 | | Y | Y | Y | Y | Y | I | 5 of 5 | School Dude | Yes | Yes |
| Skagway City | 5/28/2008 | 2014 | | Y | Y | Y | Y | Y | I | 5 of 5 | MC | Yes | No |
| Southeast Island | 6/28/2007 | 2012 | | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | Yes |
| Southwest Region | 2/17/2011 | 2016 | Y | Y | Y | Y | Y | Y | I | 5 of 5 | Maximo* | Yes | No |
| St Mary's | 3/13/2009 | 2014 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Tanana City | 12/9/2009 | 2014 | N | Y | Y | Y | N | Y | S | 4 of 5 | Maximo* | No | Yes |
| Unalaska City | 10/12/2009 | 2015 | Y | Y | Y | Y | Y | Y | I | 5 of 5 | School Dude | Yes | No |
| Valdez City | 12/17/2007 | 2013 | | Y | Y | Y | Y | Y | C | 5 of 5 | Micro-Main | Yes | No |
| Wrangell City | 3/31/2011 | 2016 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Yakutat City | 11/9/2009 | 2015 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Yukon Flats | 4/9/2009 | 2014 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Yukon-Koyukuk | 4/7/2009 | 2014 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |
| Yupiit | 8/24/2009 | 2014 | Y | Y | Y | Y | Y | Y | S | 5 of 5 | Maximo* | Yes | No |

In Compliance

27 50 51 52 49 52 49 49

Legend

- N = Not in compliance
- Y = In full compliance
- NP = Not participating
- U = Undecided
- S = SERRC supported
- FAIS = Fixed Asset Inventory System
- I = Commercial IMMS
- C = Commercial CMMS
- D = In-house District Program
- * = Use Maximo through SERCC Service Contract
- Bold** - Site visit pending

State of Alaska
Department of Education and Early Development
Capital Improvement Projects
SB237 Debt Reimbursement Program - Effective 7/1/2010

| <i>District</i> | <i>Project Number</i> | <i>Project Title</i> | <i>Dept Approval</i> | <i>Req Amt</i> | <i>Voter Amt</i> | <i>EED Approved Amt</i> | <i>Rate</i> | <i>EED Approved</i> | <i>Voter Approved</i> | <i>Comments</i> |
|--------------------------|-----------------------|---|----------------------|---------------------|---------------------|-------------------------|-------------|-------------------------------------|-------------------------------------|-------------------------------|
| Anchorage | | | | | | | | | | |
| | | Districtwide Design Projects | 1/26/2011 | \$5,100,000 | \$0 | \$5,100,000 | 60% | <input checked="" type="checkbox"/> | <input type="checkbox"/> | not approved by voters 4/5/11 |
| | | Service High School Addition and Renewal | 2/1/2011 | \$38,000,000 | \$0 | \$38,000,000 | 60% | <input checked="" type="checkbox"/> | <input type="checkbox"/> | not approved by voters 4/5/11 |
| | | Districtwide Building Life Extension Projects | 1/26/2011 | \$11,765,000 | \$0 | \$11,225,000 | 70% | <input checked="" type="checkbox"/> | <input type="checkbox"/> | not approved by voters 4/5/11 |
| | DR-11-108 | Career and Vocational Education Upgrades | 1/26/2011 | \$17,000,000 | \$17,000,000 | \$17,000,000 | 70% | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Anchorage Totals: | | | | \$71,865,000 | \$17,000,000 | \$71,325,000 | | | | |
| Cordova | | | | | | | | | | |
| | DR-11-107 | Cordova Jr/Sr HS ILP Building Project | 4/6/2011 | \$500,000 | \$500,000 | \$500,000 | 60% | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Cordova Totals: | | | | \$500,000 | \$500,000 | \$500,000 | | | | |

| <i>District</i> | <i>Project Number</i> | <i>Project Title</i> | <i>Dept Approval</i> | <i>Req Amt</i> | <i>Voter Amt</i> | <i>EED Approved Amt</i> | <i>Rate</i> | <i>EED Approved</i> | <i>Voter Approved</i> | <i>Comments</i> |
|------------------------------------|-----------------------|--|----------------------|---------------------|---------------------|-------------------------|---|-------------------------------------|-------------------------------------|---|
| Fairbanks | | | | | | | | | | |
| | | Wood River Gym Upgrades | 7/15/2011 | \$1,624,638 | \$1,624,638 | \$1,624,638 | 70% <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | voters approved \$10,390,000 for 4 projects |
| | | North Pole Middle School Roof Replacement | 7/15/2011 | \$3,886,587 | \$3,886,587 | \$3,886,587 | 70% <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | | North Pole Vocational Wing Renovation | 7/15/2011 | \$3,629,984 | \$3,629,984 | \$3,629,984 | 70% <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | | Salcha Roof and Envelope Upgrades | 7/15/2011 | \$1,167,232 | \$1,167,232 | \$1,167,232 | 70% <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | | Ryan Renovation Phase II | 7/15/2011 | \$9,860,918 | \$9,900,000 | \$9,860,918 | 70% <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | voters approved \$9,900,000 for Ryan Phase II |
| Fairbanks Totals: | | | | \$20,169,359 | \$20,208,441 | \$20,169,359 | | | | |
| Juneau City Borough | | | | | | | | | | |
| | | Adair-Kennedy Synthetic Turf Replacement Project | 8/2/2011 | \$1,191,000 | \$1,191,000 | \$1,191,000 | 70% <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | DR-11-101 | Auke Bay Elementary School Renovation Project | 9/3/2010 | \$18,700,000 | \$18,700,000 | \$18,700,000 | 70% <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Juneau City Borough Totals: | | | | \$19,891,000 | \$19,891,000 | \$19,891,000 | | | | |

| <i>District</i> | <i>Project Number</i> | <i>Project Title</i> | <i>Dept Approval</i> | <i>Req Amt</i> | <i>Voter Amt</i> | <i>EED Approved Amt</i> | <i>Rate</i> | <i>EED Approved</i> | <i>Voter Approved</i> | <i>Comments</i> |
|--------------------------------|-----------------------|---|----------------------|---------------------|---------------------|-------------------------|-------------|-------------------------------------|-------------------------------------|-----------------|
| Kenai Peninsula | | | | | | | | | | |
| | DR-11-100 | Districtwide Roofing Project | 7/16/2010 | \$16,866,500 | \$16,866,500 | \$16,866,500 | 70% | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Kenai Peninsula Totals: | | | | \$16,866,500 | \$16,866,500 | \$16,866,500 | | | | |
| Ketchikan | | | | | | | | | | |
| | DR-11-106 | Ketchikan High School Roof Replacement | 12/22/2010 | \$3,400,000 | \$3,400,000 | \$3,400,000 | 70% | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Ketchikan Totals: | | | | \$3,400,000 | \$3,400,000 | \$3,400,000 | | | | |
| Mat-Su Borough | | | | | | | | | | |
| | DR-11-102 | Fire Alarm System Replacement, 10 Schools | 11/17/2010 | \$3,410,038 | \$3,410,038 | \$3,410,038 | 70% | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | DR-11-103 | Roof Replacement, 7 Schools and Administration Building | 11/17/2010 | \$26,956,050 | \$26,956,050 | \$26,956,050 | 70% | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | DR-11-104 | Flooring Replacement, 8 Schools | 11/17/2010 | \$3,118,963 | \$3,118,963 | \$3,118,963 | 70% | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | DR-11-105 | ADA Parking and Access, 3 Schools | 11/17/2010 | \$300,000 | \$300,000 | \$300,000 | 70% | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |

| <i>District</i> | <i>Project Number</i> | <i>Project Title</i> | <i>Dept Approval</i> | <i>Req Amt</i> | <i>Voter Amt</i> | <i>EED Approved Amt</i> | <i>Rate</i> | <i>EED Approved</i> | <i>Voter Approved</i> | <i>Comments</i> |
|---|-----------------------|----------------------|----------------------|----------------|------------------|-------------------------|-------------|---------------------|-----------------------|-----------------|
| Mat-Su Borough | | | | \$33,785,051 | \$33,785,051 | \$33,785,051 | | | | |
| Totals: | | | | | | | | | | |
| Grand Totals: | | | | \$166,476,910 | \$111,650,992 | \$165,936,910 | | | | |
| Total of Projects Both Voter and EED Approved: | | | | \$111,611,910 | | | | | | |
| <i>(This is a total of the EED Approved Amount.)</i> | | | | | | | | | | |

State of Alaska
 Department of Education and Early Development
 Capital Improvement Projects (FY2013)
 School Construction Grant Fund
 Initial Agency Decision

| Nov. 7 | School District | Project Name | Amount Requested | Eligible Amount | Prior Funding | EED Recommended Amount | Participating Share | State Share | Aggregate Amount |
|--------|---------------------|--|------------------|-----------------|---------------|------------------------|---------------------|--------------|------------------|
| 1 | Lower Yukon | Emmonak K-12 School Addition/Renovation | \$38,323,106 | \$38,323,106 | \$1,530,612 | \$36,792,494 | \$735,850 | \$36,056,644 | \$36,056,644 |
| 2 | Southwest Region | Koliganek K-12 School Replacement | \$24,752,572 | \$25,425,321 | \$0 | \$25,425,321 | \$508,506 | \$24,916,815 | \$60,973,459 |
| 3 | Lower Kuskokwim | Nightmute School Renovation/Addition | \$33,638,062 | \$33,638,062 | \$0 | \$33,638,062 | \$672,761 | \$32,965,301 | \$93,938,760 |
| 4 | Lower Kuskokwim | Kwethluk K-12 Replacement School | \$42,009,432 | \$42,009,432 | \$0 | \$42,009,432 | \$840,189 | \$41,169,243 | \$135,108,003 |
| 5 | Yukon-Koyukuk | Jimmy Huntington K-12 School Renovation and Addition, Huslia | \$16,756,899 | \$16,756,899 | \$0 | \$16,756,899 | \$335,138 | \$16,421,761 | \$151,529,764 |
| 6 | Saint Marys | Andreafski High School Gym Construction | \$13,798,293 | \$13,798,293 | \$0 | \$13,798,293 | \$689,915 | \$13,108,378 | \$164,638,142 |
| 7 | Lake & Peninsula | Port Alsworth Classroom Expansion | \$14,443,079 | \$14,443,079 | \$0 | \$14,443,079 | \$2,888,616 | \$11,554,463 | \$176,192,605 |
| 8 | Kuspuk | Auntie Marie Nicoli Elementary School Replacement, Aniak | \$13,894,691 | \$13,894,691 | \$0 | \$13,894,691 | \$277,894 | \$13,616,797 | \$189,809,402 |
| 9 | Galena | Galena Interior Learning Academy Iditarod Classroom Conversion | \$13,818,143 | \$13,818,143 | \$0 | \$13,818,143 | \$690,907 | \$13,127,236 | \$202,936,638 |
| 10 | Kuspuk | Johnnie John Sr. K-12 Replacement School, Crooked Creek | \$12,991,743 | \$12,991,743 | \$0 | \$12,991,743 | \$259,835 | \$12,731,908 | \$215,668,546 |
| 11 | Lower Yukon | Pilot Station Access Road Relocation | \$618,558 | \$618,558 | \$0 | \$618,558 | \$12,371 | \$606,187 | \$216,274,733 |
| 12 | Lower Kuskokwim | Bethel Regional High School Cafeteria Addition | \$5,128,734 | \$5,128,734 | \$0 | \$5,128,734 | \$102,575 | \$5,026,159 | \$221,300,892 |
| 13 | Aleutians East | King Cove K-12 School Paving | \$110,627 | \$110,627 | \$0 | \$110,627 | \$38,719 | \$71,908 | \$221,372,800 |
| 14 | Fairbanks | North Pole Attendance Area New Elementary School | \$32,663,388 | \$21,908,262 | \$0 | \$21,908,262 | \$6,572,479 | \$15,335,783 | \$236,708,583 |
| 15 | Southeast Island | Kasaan K-12 Covered Physical Education Area | \$528,013 | \$528,013 | \$0 | \$528,013 | \$10,560 | \$517,453 | \$237,226,036 |
| 16 | Anchorage | Wonder Park Elementary & Chugiak High School Site Improvement Upgrades | \$3,300,000 | \$3,300,000 | \$0 | \$3,300,000 | \$990,000 | \$2,310,000 | \$239,536,036 |
| 17 | Kenai Peninsula | Districtwide Asphalt Repairs | \$1,689,600 | \$1,689,600 | \$0 | \$1,689,600 | \$591,360 | \$1,098,240 | \$240,634,276 |
| 18 | Annette Island | Metlakatla Schools Track And Field Construction | \$4,991,792 | \$4,991,792 | \$0 | \$4,991,792 | \$99,836 | \$4,891,956 | \$245,526,232 |
| 19 | Lower Kuskokwim | Kongiganak K-12 School Water System Upgrades | \$9,375,657 | \$2,532,960 | \$0 | \$2,532,960 | \$50,659 | \$2,482,301 | \$248,008,533 |
| 20 | Anchorage | Middle & High School Athletic Field Upgrades | \$10,890,000 | \$10,890,000 | \$0 | \$10,890,000 | \$3,267,000 | \$7,623,000 | \$255,631,533 |
| 21 | Juneau City Borough | Marie Drake Building Renovation & Realignment | \$15,400,000 | \$17,650,000 | \$2,250,000 | \$15,400,000 | \$5,390,000 | \$10,010,000 | \$265,641,533 |
| 22 | Kenai Peninsula | Homer High School Track Replacement | \$2,289,480 | \$2,289,480 | \$0 | \$2,289,480 | \$801,318 | \$1,488,162 | \$267,129,695 |

State of Alaska
 Department of Education and Early Development
 Capital Improvement Projects (FY2013)
 School Construction Grant Fund
 Initial Agency Decision

| Nov. 7 | School District | Project Name | Amount Requested | Eligible Amount | Prior Funding | EED Recommended Amount | Participating Share | State Share | Aggregate Amount |
|----------------|---------------------|---|----------------------|----------------------|--------------------|------------------------------|------------------------|----------------------|---------------------|
| 23 | Petersburg City | Districtwide Covered Sidewalks And Entrances | \$1,236,773 | \$1,236,773 | \$0 | \$1,236,773 | \$371,032 | \$865,741 | \$267,995,436 |
| 24 | Juneau City Borough | Juneau School District Site/Safety/Security Improvements | \$3,300,000 | \$3,300,000 | \$0 | \$3,300,000 | \$1,155,000 | \$2,145,000 | \$270,140,436 |
| 25 | Fairbanks | Pearl Creek Elementary Traffic Site Improvements | \$1,700,090 | \$1,700,090 | \$0 | \$1,700,090 | \$510,027 | \$1,190,063 | \$271,330,499 |
| 26 | Juneau City Borough | Floyd Dryden Middle School Covered Play Area Construction & Dzantik'i Heeni Middle School Site Improvements | \$2,195,000 | \$2,195,000 | \$0 | \$2,195,000 | \$768,250 | \$1,426,750 | \$272,757,249 |
| 27 | Juneau City Borough | Districtwide Food Service Upgrades | \$1,350,000 | \$1,350,000 | \$0 | \$1,350,000 | \$472,500 | \$877,500 | \$273,634,749 |
| TOTALS: | | | \$321,193,732 | \$306,518,658 | \$3,780,612 | \$302,738,046 | \$29,103,297 | \$273,634,749 | |

**State of Alaska
Department of Education and Early Development
Capital Improvement Projects (FY2013)
Major Maintenance Grant Fund**

Initial Agency Decision

| Nov 7 | School District | Project Name | Amount Requested | Eligible Amount | Prior Funding | EED Recommended Amount | Participating Share | State Share | Aggregate Amount |
|------------------|----------------------------|---|-----------------------------|----------------------------|--------------------------|---------------------------------------|--------------------------------|------------------------|-----------------------------|
| 1 | Chugach | Whittier K-12 School Heating System Upgrade | \$832,372 | \$832,372 | \$0 | \$832,372 | \$16,647 | \$815,725 | \$815,725 |
| 2 | Yukon-Koyukuk | Kaltag K-12 School Mechanical and Electrical Upgrades | \$799,177 | \$799,177 | \$0 | \$799,177 | \$15,984 | \$783,193 | \$1,598,918 |
| 3 | Kake City | Kake High School Kitchen Renovation | \$31,401 | \$31,401 | \$0 | \$31,401 | \$6,280 | \$25,121 | \$1,624,039 |
| 4 | Annette Island | Metlakatla High School Annex Roof Replacement | \$42,189 | \$42,189 | \$0 | \$42,189 | \$844 | \$41,345 | \$1,665,384 |
| 5 | Chatham | Angoon High School Mechanical Upgrades | \$48,794 | \$48,794 | \$0 | \$48,794 | \$976 | \$47,818 | \$1,713,202 |
| 6 | Yukon-Koyukuk | Merrelina A Kangas K-12 School Renovation, Ruby | \$5,181,920 | \$5,181,920 | \$0 | \$5,181,920 | \$103,638 | \$5,078,282 | \$6,791,484 |
| 7 | Kake City | Kake High School Shower Repairs | \$54,006 | \$54,006 | \$0 | \$54,006 | \$10,801 | \$43,205 | \$6,834,689 |
| 8 | Kake City | Kake Elementary School Mechanical Ventilation Completion | \$74,000 | \$461,299 | \$387,299 | \$74,000 | \$14,800 | \$59,200 | \$6,893,889 |
| 9 | Bering Strait | Shaktoolik K-12 School Renovation | \$9,363,631 | \$9,363,631 | \$0 | \$9,363,631 | \$187,273 | \$9,176,358 | \$16,070,247 |
| 10 | Bristol Bay Borough | Bristol Bay School Voc Ed Wing Renovation | \$2,366,762 | \$2,366,762 | \$0 | \$2,366,762 | \$828,367 | \$1,538,395 | \$17,608,642 |
| 11 | Craig City | Alternative Wood Heat Installation | \$179,080 | \$179,080 | \$0 | \$179,080 | \$17,908 | \$161,172 | \$17,769,814 |
| 12 | Lower Kuskokwim | Bethel Campus Water, Sewer Line and Utilidor Repairs | \$6,116,791 | \$6,116,791 | \$0 | \$6,116,791 | \$122,336 | \$5,994,455 | \$23,764,269 |
| 13 | Aleutians East | Akutan K-12 School Siding Replacement | \$102,500 | \$102,500 | \$0 | \$102,500 | \$35,875 | \$66,625 | \$23,830,894 |
| 14 | Aleutians East | Sand Point K-12 School Pool Major Maintenance | \$111,960 | \$111,960 | \$0 | \$111,960 | \$39,186 | \$72,774 | \$23,903,668 |
| 15 | Lower Kuskokwim | Tununak K-12 School Major Maintenance | \$20,216,706 | \$20,216,706 | \$0 | \$20,216,706 | \$404,334 | \$19,812,372 | \$43,716,040 |
| 16 | Anchorage | Districtwide Roof Replacements & Structural Upgrades, 5 Schools | \$8,550,000 | \$8,550,000 | \$0 | \$8,550,000 | \$2,565,000 | \$5,985,000 | \$49,701,040 |
| 17 | Lower Kuskokwim | Bethel Campus Boiler Replacement | \$2,111,880 | \$2,111,880 | \$0 | \$2,111,880 | \$42,238 | \$2,069,642 | \$51,770,682 |
| 18 | Lower Kuskokwim | Nunapitchuk Fire Alarm Replacement | \$619,790 | \$619,790 | \$0 | \$619,790 | \$12,396 | \$607,394 | \$52,378,076 |
| 19 | Northwest Arctic | Buckland K-12 School Heating System Improvements | \$377,828 | \$377,828 | \$0 | \$377,828 | \$75,566 | \$302,262 | \$52,680,338 |
| 20 | Annette Island | Metlakatla Elementary School Renovation | \$13,192,096 | \$10,588,880 | \$0 | \$10,588,880 | \$211,778 | \$10,377,102 | \$63,057,440 |
| 21 | Craig City | Craig Elementary School Door And Flooring Replacement | \$139,745 | \$139,745 | \$0 | \$139,745 | \$13,974 | \$125,771 | \$63,183,211 |
| 22 | Chatham | Tenakee K-12 School Roof Replacement | \$548,495 | \$548,495 | \$0 | \$548,495 | \$10,970 | \$537,525 | \$63,720,736 |
| 23 | Kuspuk | Jack Egnaty Sr. K-12 School Roof Replacement, Sleetmute | \$1,204,771 | \$1,204,771 | \$0 | \$1,204,771 | \$24,095 | \$1,180,676 | \$64,901,412 |

**State of Alaska
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Major Maintenance Grant Fund**

Initial Agency Decision

| Nov 7 | School District | Project Name | Amount Requested | Eligible Amount | Prior Funding | EED Recommended Amount | Participating Share | State Share | Aggregate Amount |
|--------------|------------------------|--|-------------------------|------------------------|----------------------|-------------------------------|----------------------------|--------------------|-------------------------|
| 24 | Southeast Island | Thorne Bay K-12 School Gymnasium Structural Repair | \$170,488 | \$170,488 | \$0 | \$170,488 | \$3,410 | \$167,078 | \$65,068,490 |
| 25 | Annette Island | Metlakatla Elementary School Underground Fuel Tank Replacement | \$354,183 | \$354,183 | \$0 | \$354,183 | \$7,084 | \$347,099 | \$65,415,589 |
| 26 | Saint Marys | St. Mary's Campus Upgrades | \$3,413,214 | \$3,413,214 | \$0 | \$3,413,214 | \$170,661 | \$3,242,553 | \$68,658,142 |
| 27 | Ketchikan | Districtwide Electric Boiler Installation | \$5,069,554 | \$5,069,554 | \$0 | \$5,069,554 | \$1,520,866 | \$3,548,688 | \$72,206,830 |
| 28 | Yukon-Koyukuk | Andrew K Demoski K-12 School Renovation, Nualto | \$12,466,642 | \$12,466,642 | \$0 | \$12,466,642 | \$249,333 | \$12,217,309 | \$84,424,139 |
| 29 | Valdez City | Valdez High School Fire Alarm And Sprinkler Replacement | \$1,105,173 | \$1,105,173 | \$0 | \$1,105,173 | \$386,811 | \$718,362 | \$85,142,501 |
| 30 | Lower Kuskokwim | Nunapitchuk Wastewater Upgrades | \$1,102,789 | \$1,102,789 | \$0 | \$1,102,789 | \$22,056 | \$1,080,733 | \$86,223,234 |
| 31 | Lower Yukon | Hooper Bay K-12 School Electrical Upgrades | \$44,046 | \$44,046 | \$0 | \$44,046 | \$881 | \$43,165 | \$86,266,399 |
| 32 | Anchorage | Districtwide Lighting Upgrades, 2 Schools | \$2,350,000 | \$2,350,000 | \$0 | \$2,350,000 | \$705,000 | \$1,645,000 | \$87,911,399 |
| 33 | Valdez City | Hermon Hutchens Elementary Fire Alarm, Clock, And Intercom Replacement | \$514,378 | \$514,378 | \$0 | \$514,378 | \$180,032 | \$334,346 | \$88,245,745 |
| 34 | Galena | Sidney Huntington High School Floor Renovation | \$555,014 | \$555,014 | \$0 | \$555,014 | \$27,751 | \$527,263 | \$88,773,008 |
| 35 | Haines | Haines Voc Ed Building Mechanical Upgrades | \$1,569,213 | \$1,569,213 | \$0 | \$1,569,213 | \$549,225 | \$1,019,988 | \$89,792,996 |
| 36 | Nenana City | Nenana K-12 School ADA Access Improvements | \$815,898 | \$815,898 | \$0 | \$815,898 | \$40,795 | \$775,103 | \$90,568,099 |
| 37 | Nenana City | Nenana K-12 School Major Maintenance | \$2,902,149 | \$2,902,149 | \$0 | \$2,902,149 | \$145,107 | \$2,757,042 | \$93,325,141 |
| 38 | Lower Kuskokwim | Mekoryuk Wastewater Upgrades | \$905,761 | \$905,761 | \$0 | \$905,761 | \$18,115 | \$887,646 | \$94,212,787 |
| 39 | Yukon Flats | Venetie Generator Building Renovation | \$2,508,487 | \$2,508,487 | \$0 | \$2,508,487 | \$50,170 | \$2,458,317 | \$96,671,104 |
| 40 | Craig City | Craig Middle School Renovation | \$11,698,719 | \$11,576,635 | \$0 | \$11,576,635 | \$1,157,663 | \$10,418,972 | \$107,090,076 |
| 41 | Annette Island | Metlakatla High School Kitchen Renovation | \$907,687 | \$907,687 | \$0 | \$907,687 | \$18,154 | \$889,533 | \$107,979,609 |
| 42 | Haines | Haines High School And Pool Locker Room Renovation | \$1,969,699 | \$1,969,699 | \$0 | \$1,969,699 | \$689,395 | \$1,280,304 | \$109,259,913 |
| 43 | Fairbanks | Ryan Middle School Renovation, Phase 3 | \$40,355,648 | \$40,355,648 | \$0 | \$40,355,648 | \$12,106,694 | \$28,248,954 | \$137,508,867 |
| 44 | Bristol Bay Borough | Bristol Bay School Boiler Installation | \$559,385 | \$559,385 | \$0 | \$559,385 | \$195,785 | \$363,600 | \$137,872,467 |
| 45 | Anchorage | Districtwide Mechanical Projects, 8 Schools | \$8,900,000 | \$8,900,000 | \$0 | \$8,900,000 | \$2,670,000 | \$6,230,000 | \$144,102,467 |
| 46 | Galena | Galena Interior Learning Academy Composite Building Roof Renovation | \$1,039,038 | \$1,039,038 | \$0 | \$1,039,038 | \$51,952 | \$987,086 | \$145,089,553 |
| 47 | Denali Borough | Cantwell School Sprinkler Installation And Fire Alarm Upgrade | \$1,251,952 | \$1,251,952 | \$0 | \$1,251,952 | \$250,390 | \$1,001,562 | \$146,091,115 |

**State of Alaska
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Capital Improvement Projects (FY2013)
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Initial Agency Decision

| Nov 7 | School District | Project Name | Amount Requested | Eligible Amount | Prior Funding | EED Recommended Amount | Participating Share | State Share | Aggregate Amount |
|--------------|------------------------|---|-------------------------|------------------------|----------------------|-------------------------------|----------------------------|--------------------|-------------------------|
| 48 | Copper River | Copper Center Elementary School Renovation | \$1,286,973 | \$1,286,973 | \$0 | \$1,286,973 | \$25,739 | \$1,261,234 | \$147,352,349 |
| 49 | Anchorage | Districtwide Communication System Upgrades, 3 Schools | \$1,030,000 | \$1,030,000 | \$0 | \$1,030,000 | \$309,000 | \$721,000 | \$148,073,349 |
| 50 | Yukon-Koyukuk | Kaitag K-12 School Kitchen Renovation And Generator Installation | \$1,020,718 | \$1,020,718 | \$0 | \$1,020,718 | \$20,414 | \$1,000,304 | \$149,073,653 |
| 51 | Southwest Region | Twin Hills K-8 School Renovation | \$2,312,424 | \$2,312,424 | \$0 | \$2,312,424 | \$46,248 | \$2,266,176 | \$151,339,829 |
| 52 | Yukon Flats | Chalkyitsik Water Tank Replacement | \$1,430,834 | \$1,185,789 | \$0 | \$1,185,789 | \$23,716 | \$1,162,073 | \$152,501,902 |
| 53 | Anchorage | Districtwide Fire Alarm Upgrades, 7 Schools | \$3,670,000 | \$3,670,000 | \$0 | \$3,670,000 | \$1,101,000 | \$2,569,000 | \$155,070,902 |
| 54 | Southeast Island | Thorne Bay K-12 School Fire Suppression System Replacement | \$1,247,523 | \$1,247,523 | \$0 | \$1,247,523 | \$24,950 | \$1,222,573 | \$156,293,475 |
| 55 | Annette Island | Metlakatla High School Annex Renovation | \$676,836 | \$676,836 | \$0 | \$676,836 | \$13,537 | \$663,299 | \$156,956,774 |
| 56 | Kenai Peninsula | Districtwide School Security Systems | \$1,335,509 | \$1,335,509 | \$0 | \$1,335,509 | \$467,428 | \$868,081 | \$157,824,855 |
| 57 | Chatham | Klukwan K-12 School Major Maintenance | \$4,052,845 | \$4,052,845 | \$0 | \$4,052,845 | \$81,057 | \$3,971,788 | \$161,796,643 |
| 58 | Kenai Peninsula | Districtwide Window Replacements, 5 Schools | \$2,046,045 | \$2,046,045 | \$0 | \$2,046,045 | \$716,116 | \$1,329,929 | \$163,126,572 |
| 59 | Alaska Gateway | Tanacross k-8 School Renovation | \$3,511,467 | \$3,511,467 | \$0 | \$3,511,467 | \$70,229 | \$3,441,238 | \$166,567,810 |
| 60 | Copper River | Slana K-12 School Renovation | \$771,504 | \$771,504 | \$0 | \$771,504 | \$15,430 | \$756,074 | \$167,323,884 |
| 61 | Kuspuk | Districtwide Heating System Upgrades | \$9,866,280 | \$9,866,280 | \$0 | \$9,866,280 | \$197,326 | \$9,668,954 | \$176,992,838 |
| 62 | Denali Borough | Anderson K-12 School Siding Replacement | \$771,192 | \$771,192 | \$0 | \$771,192 | \$154,238 | \$616,954 | \$177,609,792 |
| 63 | Fairbanks | Barnette Magnet School Renovation, Phase 4 | \$8,826,047 | \$8,226,047 | \$0 | \$8,226,047 | \$2,467,814 | \$5,758,233 | \$183,368,025 |
| 64 | Kake City | Kake High School Plumbing Replacement | \$412,163 | \$412,163 | \$0 | \$412,163 | \$82,433 | \$329,730 | \$183,697,755 |
| 65 | Yukon Flats | Fort Yukon Soil Remediation & Fuel Tank Replacement | \$9,177,551 | \$8,449,174 | \$0 | \$8,449,174 | \$168,983 | \$8,280,191 | \$191,977,946 |
| 66 | Kenai Peninsula | Districtwide Locker Replacement, 9 Schools | \$1,000,000 | \$1,000,000 | \$0 | \$1,000,000 | \$350,000 | \$650,000 | \$192,627,946 |
| 67 | Lower Yukon | Scammon Bay K-12 School Siding Replacement | \$649,013 | \$649,013 | \$0 | \$649,013 | \$12,980 | \$636,033 | \$193,263,979 |
| 68 | Ketchikan | Ketchikan High School Stage Lighting System Replacement | \$301,910 | \$301,910 | \$0 | \$301,910 | \$90,573 | \$211,337 | \$193,475,316 |
| 69 | Petersburg City | Petersburg Elementary School Exterior Wall Renovation | \$1,052,273 | \$1,052,273 | \$0 | \$1,052,273 | \$315,682 | \$736,591 | \$194,211,907 |
| 70 | Southeast Island | Port Alexander K-12 School Domestic Water System Pipe Replacement | \$83,795 | \$83,795 | \$0 | \$83,795 | \$1,676 | \$82,119 | \$194,294,026 |

State of Alaska
 Department of Education and Early Development
 Capital Improvement Projects (FY2013)
 Major Maintenance Grant Fund

Initial Agency Decision

| Nov 7 | School District | Project Name | Amount Requested | Eligible Amount | Prior Funding | EED Recommended Amount | Participating Share | State Share | Aggregate Amount |
|-------|------------------|--|------------------|-----------------|---------------|------------------------|---------------------|-------------|------------------|
| 71 | Bering Strait | Districtwide Fuel Tank Demolition | \$917,417 | \$917,417 | \$0 | \$917,417 | \$18,348 | \$899,069 | \$195,193,095 |
| 72 | Yakutat City | Yakutat Schools Mechanical System Upgrades | \$5,845,020 | \$5,845,020 | \$0 | \$5,845,020 | \$1,753,506 | \$4,091,514 | \$199,284,609 |
| 73 | Yakutat City | Yakutat High School Exterior Upgrades | \$1,806,781 | \$1,806,781 | \$0 | \$1,806,781 | \$542,034 | \$1,264,747 | \$200,549,356 |
| 74 | Denali Borough | Door Replacement, 3 Schools | \$916,890 | \$916,890 | \$0 | \$916,890 | \$183,378 | \$733,512 | \$201,282,868 |
| 75 | Fairbanks | North Pole Middle School Mechanical Systems & Energy Efficiency Upgrades | \$6,026,793 | \$3,982,349 | \$0 | \$3,982,349 | \$1,194,705 | \$2,787,644 | \$204,070,512 |
| 76 | Petersburg City | Districtwide Boiler Replacement | \$2,978,573 | \$626,160 | \$0 | \$626,160 | \$187,848 | \$438,312 | \$204,508,824 |
| 77 | Ketchikan | Districtwide Major Maintenance | \$1,135,691 | \$1,135,691 | \$0 | \$1,135,691 | \$340,707 | \$794,984 | \$205,303,808 |
| 78 | Fairbanks | Tanana Middle School Roof Replacement | \$4,745,701 | \$4,177,588 | \$0 | \$4,177,588 | \$1,253,276 | \$2,924,312 | \$208,228,120 |
| 79 | Hoonah City | Hoonah City Schools Major Maintenance | \$4,715,008 | \$2,852,618 | \$0 | \$2,852,618 | \$855,785 | \$1,996,833 | \$210,224,953 |
| 80 | Yukon Flats | Venetie Soil Remediation & Fuel Tank Replacement | \$1,578,822 | \$1,578,822 | \$0 | \$1,578,822 | \$31,576 | \$1,547,246 | \$211,772,199 |
| 81 | Kodiak Island | Kodiak Middle School Elevator Controls Replacement | \$75,992 | \$75,992 | \$0 | \$75,992 | \$22,798 | \$53,194 | \$211,825,393 |
| 82 | Southwest Region | Aleknagik K-8 School Renovation | \$4,230,333 | \$4,230,333 | \$0 | \$4,230,333 | \$84,607 | \$4,145,726 | \$215,971,119 |
| 83 | Southeast Island | Thorne Bay K-12 School Underground Storage Tank Replacement | \$290,054 | \$290,054 | \$0 | \$290,054 | \$5,801 | \$284,253 | \$216,255,372 |
| 84 | Anchorage | Chugiak & East High Schools Sprinkler Upgrades | \$4,405,000 | \$4,405,000 | \$0 | \$4,405,000 | \$1,321,500 | \$3,083,500 | \$219,338,872 |
| 85 | Alaska Gateway | Northway K-12 School Renovation | \$2,095,875 | \$2,095,875 | \$0 | \$2,095,875 | \$41,917 | \$2,053,958 | \$221,392,830 |
| 86 | Petersburg City | Petersburg High School Fire Alarm System Replacement | \$347,284 | \$347,284 | \$0 | \$347,284 | \$104,185 | \$243,099 | \$221,635,929 |
| 87 | Nenana City | Nenana K-12 School Solar Energy Project And Circulating Pump Upgrade | \$462,371 | \$462,371 | \$0 | \$462,371 | \$23,119 | \$439,252 | \$222,075,181 |
| 88 | Kodiak Island | Underground Storage Tank Replacements, 5 Sites (Kodiak Hs, Chiniak School, East Elementary School, Karluk School, Kodiak Ms) | \$1,746,276 | \$1,746,276 | \$0 | \$1,746,276 | \$523,883 | \$1,222,393 | \$223,297,574 |
| 89 | Southeast Island | Thorne Bay K-12 School Mechanical Control Upgrades | \$1,209,776 | \$1,209,776 | \$0 | \$1,209,776 | \$24,196 | \$1,185,580 | \$224,483,154 |
| 90 | Anchorage | Districtwide General Building Upgrades, 3 Schools | \$1,405,000 | \$1,405,000 | \$0 | \$1,405,000 | \$421,500 | \$983,500 | \$225,466,654 |
| 91 | Kodiak Island | Fire Alarm Panel Upgrades, 3 Sites (Kodiak Hs, Kodiak Ms, Karluk School) | \$134,688 | \$134,688 | \$0 | \$134,688 | \$40,406 | \$94,282 | \$225,560,936 |
| 92 | Yukon Flats | Cruikshank School Soil Remediation & Fuel Tank Replacement, Beaver | \$1,198,221 | \$1,198,221 | \$0 | \$1,198,221 | \$23,964 | \$1,174,257 | \$226,735,193 |

**State of Alaska
Department of Education and Early Development
Capital Improvement Projects (FY2013)
Major Maintenance Grant Fund**

Initial Agency Decision

| Nov 7 | School District | Project Name | Amount Requested | Eligible Amount | Prior Funding | EED Recommended Amount | Participating Share | State Share | Aggregate Amount |
|--------------|------------------------|---|-------------------------|------------------------|----------------------|-------------------------------|----------------------------|--------------------|-------------------------|
| 93 | Kodiak Island | Replace Flooring, 3 Sites (East Elementary, Peterson Elementary And Ouzinkie School) | \$1,363,508 | \$1,363,508 | \$0 | \$1,363,508 | \$409,052 | \$954,456 | \$227,689,649 |
| 94 | Yakutat City | Yakutat High School Locker Room Renovation | \$479,454 | \$479,454 | \$0 | \$479,454 | \$143,836 | \$335,618 | \$228,025,267 |
| 95 | Petersburg City | Petersburg Elementary Lunchroom Renovation | \$1,563,159 | \$1,563,159 | \$0 | \$1,563,159 | \$468,948 | \$1,094,211 | \$229,119,478 |
| 96 | Southeast Island | Port Alexander and Thorne Bay K-12 School Roof Replacement | \$3,874,337 | \$3,874,337 | \$0 | \$3,874,337 | \$77,487 | \$3,796,850 | \$232,916,328 |
| 97 | Southeast Island | Port Protection K-12 Gymnasium Relocation And Foundation | \$172,426 | \$172,426 | \$0 | \$172,426 | \$3,449 | \$168,977 | \$233,085,305 |
| 98 | Petersburg City | Petersburg Middle/High Schol Underground Fuel Tanks Replacement | \$600,932 | \$600,932 | \$0 | \$600,932 | \$180,280 | \$420,652 | \$233,505,957 |
| 99 | Lake & Peninsula | Newhalen Kitchen Renovation | \$206,097 | \$206,097 | \$0 | \$206,097 | \$41,219 | \$164,878 | \$233,670,835 |
| 100 | Alaska Gateway | Eagle K-12 School Renovation | \$4,390,349 | \$4,390,349 | \$0 | \$4,390,349 | \$87,807 | \$4,302,542 | \$237,973,377 |
| 101 | Southeast Island | Thorne Bay and Port Protection Gymnasium Lighting Upgrades | \$557,244 | \$557,244 | \$0 | \$557,244 | \$11,145 | \$546,099 | \$238,519,476 |
| 102 | Anchorage | Districtwide Security System Upgrades, 7 Elementary Schools | \$1,115,000 | \$1,115,000 | \$0 | \$1,115,000 | \$334,500 | \$780,500 | \$239,299,976 |
| 103 | Kake City | Kake Elementary School Mechanical Controls | \$74,970 | \$74,970 | \$0 | \$74,970 | \$14,994 | \$59,976 | \$239,359,952 |
| 104 | Kodiak Island | HVAC Compont Replacements, 2 Sites (Larsen Bay School and Karluk School) | \$1,306,425 | \$1,306,425 | \$0 | \$1,306,425 | \$391,927 | \$914,498 | \$240,274,450 |
| 105 | Petersburg City | Districtwide Electrical Upgrades | \$925,949 | \$925,949 | \$0 | \$925,949 | \$277,785 | \$648,164 | \$240,922,614 |
| 106 | Yukon Flats | Stevens Village Soil Remediation & Fuel Tank Replacement | \$1,068,031 | \$1,068,031 | \$0 | \$1,068,031 | \$21,361 | \$1,046,670 | \$241,969,284 |
| 107 | Valdez City | Districtwide Technology Upgrades | \$3,206,600 | \$3,206,600 | \$0 | \$3,206,600 | \$1,122,310 | \$2,084,290 | \$244,053,574 |
| 108 | Juneau City Borough | Mendenhall River Elementary Renovation | \$5,300,000 | \$5,300,000 | \$0 | \$5,300,000 | \$1,855,000 | \$3,445,000 | \$247,498,574 |
| 109 | Fairbanks | Arctic Light Elementary Lighting Renovation | \$1,806,390 | \$1,806,390 | \$0 | \$1,806,390 | \$541,917 | \$1,264,473 | \$248,763,047 |
| 110 | Fairbanks | Administrative Center Air Conditioning Units Replacement | \$1,559,001 | \$1,559,001 | \$0 | \$1,559,001 | \$467,700 | \$1,091,301 | \$249,854,348 |
| 111 | Juneau City Borough | Juneau-Douglas High School Main Gymnasium Upgrades | \$500,000 | \$500,000 | \$0 | \$500,000 | \$175,000 | \$325,000 | \$250,179,348 |
| 112 | Petersburg City | Districtwide Digital HVAC Controls | \$2,172,034 | \$2,172,034 | \$0 | \$2,172,034 | \$651,610 | \$1,520,424 | \$251,699,772 |
| 113 | Kodiak Island | Exterior Renovations, 3 Sites (North Star Elementary, East Elementary, And Port Lions School) | \$576,711 | \$576,711 | \$0 | \$576,711 | \$173,013 | \$403,698 | \$252,103,470 |
| 114 | Petersburg City | Petersburg Elementary Plumbing System Replacement | \$736,401 | \$736,401 | \$0 | \$736,401 | \$220,920 | \$515,481 | \$252,618,951 |

State of Alaska
 Department of Education and Early Development
 Capital Improvement Projects (FY2013)
 Major Maintenance Grant Fund

Initial Agency Decision

| Nov 7 | School District | Project Name | Amount Requested | Eligible Amount | Prior Funding | EED Recommended Amount | Participating Share | State Share | Aggregate Amount |
|----------------|---------------------|--|----------------------|----------------------|------------------|------------------------|---------------------|----------------------|------------------|
| 115 | Fairbanks | Pearl Creek Elementary Flooring Replacement & Classroom Upgrades Phase I | \$4,746,852 | \$4,633,832 | \$0 | \$4,633,832 | \$1,390,150 | \$3,243,682 | \$255,862,633 |
| 116 | Southwest Region | Manokotak K-12 School Sewer And Water Upgrades | \$250,830 | \$250,830 | \$0 | \$250,830 | \$5,017 | \$245,813 | \$256,108,446 |
| 117 | Fairbanks | Weller Elementary Flooring Replacement & Classroom Upgrades Phase I | \$4,247,926 | \$4,148,365 | \$0 | \$4,148,365 | \$1,244,509 | \$2,903,856 | \$259,012,302 |
| 118 | Juneau City Borough | District Maintenance Facility Renovation | \$2,000,000 | \$2,000,000 | \$0 | \$2,000,000 | \$700,000 | \$1,300,000 | \$260,312,302 |
| 119 | Lake & Peninsula | Chignik Bay K-12 School Roof Replacement | \$2,197,880 | \$2,096,441 | \$0 | \$2,096,441 | \$419,288 | \$1,677,153 | \$261,989,455 |
| 120 | Juneau City Borough | Dzantiki'l Heeni Middle School Renovation | \$6,000,000 | \$6,000,000 | \$0 | \$6,000,000 | \$2,100,000 | \$3,900,000 | \$265,889,455 |
| TOTALS: | | | \$332,593,985 | \$321,541,182 | \$387,299 | \$321,153,883 | \$55,264,428 | \$265,889,455 | |

Alaska Department of Education and Early Development

FY 2013 Participating Share Requirement

| District | FY 2011 Full Values | 2011 ADM | Value Per ADM | LocalShare |
|---------------------|----------------------------|-----------------|----------------------|-------------------|
| Alaska Gateway | 0 | 384.80 | 0.00 | 2 % |
| Aleutian Region | 0 | 30.65 | 0.00 | 2 % |
| Aleutians East | 234,065,800 | 245.00 | 955,370.61 | 35 % |
| Anchorage | 35,633,951,010 | 48,613.23 | 733,009.32 | 30 % |
| Annette Island | 0 | 275.75 | 0.00 | 2 % |
| Bering Strait | 0 | 1,653.60 | 0.00 | 2 % |
| Bristol Bay Borough | 266,715,600 | 160.05 | 1,666,451.70 | 35 % |
| Chatham | 0 | 157.25 | 0.00 | 2 % |
| Chugach | 0 | 254.45 | 0.00 | 2 % |
| Copper River | 0 | 471.68 | 0.00 | 2 % |
| Cordova | 279,391,860 | 337.75 | 827,214.98 | 35 % |
| Craig City | 126,852,300 | 624.03 | 203,279.16 | 10 % |
| Delta/Greely | 0 | 894.95 | 0.00 | 2 % |
| Denali Borough | 245,278,600 | 721.15 | 340,121.46 | 20 % |
| Dillingham City | 168,354,000 | 478.70 | 351,689.98 | 20 % |
| Fairbanks | 9,654,743,990 | 14,238.23 | 678,085.95 | 30 % |
| Galena | 29,974,200 | 3,813.54 | 7,859.94 | 5 % |
| Haines | 319,608,900 | 305.15 | 1,047,382.95 | 35 % |
| Hoonah City | 72,551,200 | 120.70 | 601,087.01 | 30 % |
| Hydaburg City | 15,010,600 | 62.65 | 239,594.57 | 10 % |
| Iditarod Area | 0 | 313.03 | 0.00 | 2 % |
| Juneau City Borough | 4,494,218,300 | 4,982.63 | 901,977.15 | 35 % |
| Kake City | 28,097,800 | 85.40 | 329,014.05 | 20 % |
| Kashunamiut | 0 | 305.95 | 0.00 | 2 % |
| Kenai Peninsula | 8,338,641,710 | 9,025.06 | 923,943.12 | 35 % |
| Ketchikan | 1,592,716,600 | 2,150.81 | 740,519.41 | 30 % |
| Klawock City | 51,898,400 | 136.80 | 379,374.26 | 20 % |
| Kodiak Island | 1,378,257,100 | 2,543.27 | 541,923.23 | 30 % |
| Kuspuk | 0 | 348.55 | 0.00 | 2 % |
| Lake & Peninsula | 145,181,300 | 327.30 | 443,572.58 | 20 % |
| Lower Kuskokwim | 0 | 3,995.15 | 0.00 | 2 % |
| Lower Yukon | 0 | 1,964.05 | 0.00 | 2 % |
| Mat-Su Borough | 9,063,680,270 | 16,964.56 | 534,271.44 | 30 % |
| Nenana City | 28,047,700 | 1,063.18 | 26,380.95 | 5 % |
| Nome City | 326,939,700 | 680.25 | 480,616.98 | 20 % |
| North Slope Borough | 17,039,853,140 | 1,612.30 | 10,568,661.31 | 35 % |

| <i>District</i> | <i>FY 2011 Full Values</i> | <i>2011 ADM</i> | <i>Value Per ADM</i> | <i>LocalShare</i> |
|--------------------|----------------------------|-----------------|----------------------|-------------------|
| Northwest Arctic | 686,050,200 | 1,776.08 | 386,272.14 | 20 % |
| Pelican City | 14,288,700 | 12.00 | 1,190,725.00 | 35 % |
| Petersburg City | 349,849,700 | 485.83 | 720,107.26 | 30 % |
| Pribilof Island | 0 | 86.85 | 0.00 | 2 % |
| Saint Marys | 12,827,200 | 176.50 | 72,675.35 | 5 % |
| Sitka City Borough | 1,152,462,400 | 1,299.18 | 887,069.04 | 35 % |
| Skagway City | 345,981,800 | 78.40 | 4,413,033.08 | 35 % |
| Southeast Island | 0 | 158.85 | 0.00 | 2 % |
| Southwest Region | 0 | 627.45 | 0.00 | 2 % |
| Tanana City | 9,279,000 | 41.45 | 223,860.07 | 10 % |
| Unalaska City | 555,997,100 | 406.75 | 1,366,925.88 | 35 % |
| Valdez City | 2,301,299,020 | 675.90 | 3,404,792.04 | 35 % |
| Wrangell City | 192,649,100 | 339.25 | 567,867.65 | 30 % |
| Yakutat City | 69,506,300 | 119.25 | 582,862.05 | 30 % |
| Yukon Flats | 0 | 246.65 | 0.00 | 2 % |
| Yukon-Koyukuk | 0 | 1,325.92 | 0.00 | 2 % |
| Yupiiit | 0 | 450.40 | 0.00 | 2 % |



Site Selection Criteria and Evaluation Handbook

CONTRIBUTORS

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State of Alaska
Department of Education
Juneau, Alaska

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Overview

The perfect school site can be envisioned as generally level with some topographic interest, having complete utilities, stable, well drained soils, excellent road and pedestrian access, protection from excessive weather patterns, with ample space for school facilities, playground and sports fields. The site would be accessible to present and future populations and be free of any natural or environmental hazards. It would be removed from undesirable business, industry and traffic hazards but be convenient to important public facilities and recreational/outdoor learning areas. In most communities, however, the perfect site is elusive and difficult to find.

School siting is also a serious public policy decision. Land availability, land use, public sentiment and other community issues can have dramatic influence on site selection. In any site selection process, local involvement and judgments regarding the relative significance of selection criteria are important.

This Site Selection Criteria Handbook was developed with flexibility in mind, and can be used by school districts to perform a site selection analysis for any school facility by carefully selecting the appropriate criteria and weighting factors. Districts can use this guide for analysis of site opportunities for elementary schools, secondary schools, charter schools, alternative schools and special purpose facilities.

Finally, site selection for school facilities has a direct and lasting impact on the resources of the State of Alaska. Both the economic resources and the natural resources of the state are affected by the construction and operation of public schools. Primarily in response to these factors, the state recognizes the need for careful and thorough evaluation of school sites.

Authority

The guidelines incorporated in this handbook have been developed to give assistance and direction to Alaska school districts and communities in determining the suitability of various building sites for educational facilities planning. They are based upon AS 14.11.013 and 14.11.100, which provides for department review of projects to ensure they are in the best interest of the state. This provision is further developed by regulation 4 AAC 31.025 which requires approval of educational facility sites under paragraph (a) and investigations by the appropriate local governing body for suitability in paragraph (d). This handbook establishes the basic considerations for an adequate site selection process. Other products of similar detail may be used to fill the requirements laid out in statute and regulation.

Site Selection Elements

This handbook establishes a set of basic site selection elements and offers suggested evaluation criteria for rating the elements. Although the document does incorporate an internal weighting factor (it lists a few key ranking criteria elements which have high cost impacts in more than one sub-category) it does not prescribe the importance of most selection elements but rather, incorporates a weighting system whereby a district or community can assign a range of importance to each element. It is recognized that information for all the elements cannot always be determined nor are all elements applicable to every site. However, detail and rigor in addressing the elements is important for an effective evaluation.

The selection elements are grouped into three major categories as follows:

- 1. Social and Land Use Factors***
- 2. Construction Cost Factors***
 - a) Soils/Foundations*
 - b) Utilities*
 - c) Other*
- 3. Operations and Maintenance Cost Factors***

The site selection elements form the basis for an evaluation matrix which is shown in **Appendix A** and is available as a spreadsheet on the department's website. The first step in the process is to review the matrix elements for applicability to the project and sites being considered.

Weighting Factors (WF)

After identifying the site selection elements, the next step is to assign weighting factors to each element. Assignment of the weighting factors is the district/community's opportunity to apply its values to the evaluation process so that the final scores for each site reflect issues involved at the local level. This is often accomplished through community surveys, public meetings and other forums for developing consensus among the parties affected by the school project. A suggested model for the district/community weighting factors is shown below:

Weighting Factors

- 1 = not very important*
- 2 = somewhat important*
- 3 = important*
- 4 = very important*
- 5 = essential*

Applying Ranking Criteria

Following the assignment of the weighting factors, each selection element is evaluated according to established criteria and ranked on the simple five point scale from 0 to 4. The detailed ranking criteria to be used, which differentiates as needed between rural and urban sites, is described following this section on **Basic Procedures**. The table below gives a suggested definition of each ranking score:

Criteria Ranking Scores

- 0 = unacceptable (least desirable/least cost effective)*
- 1 = poor*
- 2 = fair*
- 3 = good*
- 4 = excellent (most desirable/most cost effective)*

Tabulating and Analyzing Results

Using the Site Evaluation Matrix (Appendix A) enter the criteria ranking scores for each element. Compute the total score for each site by multiplying each criteria score by the weighting factor and sum them. An example of a portion of the Site Evaluation Matrix is shown below:

| Maintenance and Operating Cost Factors | | | | | | | | | |
|---|----|----------|-----------|----------|-----------|----------|-----------|----------|------------|
| Criteria | WF | Sites | | | | | | | |
| | | 1 | xWF | 2 | xWF | 3 | xWF | 4 | xWF |
| Site Drainage | 3 | 4 | 12 | 3 | 9 | 3 | 9 | n/a | n/a |
| Flooding | 4 | 4 | 16 | 4 | 16 | 2 | 8 | n/a | n/a |
| Site Erosion | 4 | 3 | 12 | 3 | 12 | 3 | 12 | n/a | n/a |
| Sun Orientation | 2 | 2 | 4 | 1 | 2 | 1 | 2 | n/a | n/a |
| Protection from Elements | 2 | 3 | 6 | 3 | 6 | 2 | 4 | n/a | n/a |
| Proximity to Natural Hazards | 4 | 0 | 0 | 3 | 12 | 4 | 16 | n/a | n/a |
| Alternative Energy Sources | 3 | 1 | 3 | 1 | 3 | 2 | 6 | n/a | n/a |
| Air Inversions/Katabatic Winds | 2 | 4 | 8 | 4 | 8 | 4 | 8 | n/a | n/a |
| TOTALS | | | 61 | | 68 | | 65 | | n/a |

The total scores for each site represent a detailed analysis; the highest score should indicate the most desirable site. If the district or community, based on factors not captured by the evaluation, desires to choose a site other than the site receiving the highest score, a narrative justification of this position will need to be developed for inclusion in the site selection report.

The following ranking criteria elements provide specific guidance to school districts in establishing a score of each associated ranking element. If a particular district has a particular criteria that is not included in the ranking criteria listed below, but is important to the district in determining the acceptability of a school site, then the district can utilize the spreadsheet available on the department’s website to add that criteria to the scoring matrix. Because the department reviews and approves site selection decisions made by a school district, the department will need to be consulted if additional criteria are proposed for a site selection analysis.

Size of Site

| Criteria: | | |
|---|-------------------------------|-----------------------|
| The specific criteria listed below have been adapted from the <i>Council of Educational Facility Planners International Creating Connections</i> Guideline. | | |
| Selection of a school site involves many variables, all of which cannot be captured in a basic metric such as the one shown below; however, the tool below can be helpful for identifying the approximate site size necessary to accommodate a district’s proposed school facility. For assistance with estimating size for a particular use contact the department, or consult with a design professional. | | |
| Use | Typical Size | Actual Estimated Size |
| Building Footprint | Varies | |
| Service Area (3 dumpsters/recycling bins, loading and turning area for two trucks) | 8,000 SF | |
| Bus Drop-off/Pick-up (including space for angled parking and driveways with appropriate turning radius) | 5,500 SF/bus | |
| Bus Drop-off/Pick-up (parallel loading at sidewalk) | 650 SF/bus | |
| Car Drop-off/Pick-up | 250 SF/car | |
| Vehicle Parking | 285 SF/space | |
| Paved Outdoor Play Area | 4,500 SF (varies) | |
| K-2 Playground Equipment Area | 3,200 SF (varies) | |
| 3-5 Playground Equipment Area | 3,200 SF (varies) | |
| Outdoor Learning Area | Varies | |
| Grassy/Natural Play Area | Varies | |
| Football Field | 88,000 SF | |
| Football Field with track and field event space | 225,000 SF | |
| Soccer | 106,000 SF/field | |
| | | |
| | | |
| Total Net Square Footage | | |
| Net to Gross Factor (10% for larger sites varying to 30% for small sites to accommodate walkways and buffers between activity areas) | 10%-30% of net square footage | |
| Total Useable Area Required | | |
| Number of Useable Acres Required (divide total useable area required by 43,560 SF/acre) | | |

See next page for evaluation criteria

| Evaluation (for Site Size Criteria): | Scores: |
|---|----------------|
| Site size is within 30% of the calculated programmatic space requirements for the proposed facility | 0 |
| Site size is within 20% of the calculated programmatic space requirements for the proposed facility | 1 |
| Site size is within 10% of the calculated programmatic space requirements for the proposed facility | 2 |
| Site size is adequate to meet the calculated programmatic space requirements for the proposed facility | 3 |
| Site size exceeds the calculated programmatic space requirements for proposed facility and provides room for building expansion and/or activity use expansion | 4 |

Proximity to Population to be Served

| Criteria: | |
|---|----------------|
| <p>Ideally, all students served by the school would be in convenient, safe walking distance to the site. In communities with roads, convenient vehicle/bus travel is also important. Evaluate this criterion using the anticipated population distribution when the school is at capacity (i.e. 5 year post-occupancy). Use the following standard, evaluating for both elements and using the lowest score:</p> <ul style="list-style-type: none"> • 50% of students served are within reasonable walking distance (i.e. ¼ mile or less) and, • 90% of students served are within a 15 minute vehicle/bus ride | |
| Evaluation: | Scores: |
| Proximity of student population is 40% or more below standard | 0 |
| Proximity of student population is within 20% of standard | 1 |
| Proximity of student population is within 10% of standard | 2 |
| Proximity of student population is equal to standard | 3 |
| Proximity of student population is 10% or more above standard | 4 |

Proximity to Future Expansion of Community

| | |
|---|----------------|
| Criteria: | |
| Occasionally, schools are constructed on sites that within 20 years are no longer adjacent to population centers and/or residential areas. This criterion assesses long-range planning and land use factors related to school sites. Use a subjective evaluation of how well the site corresponds to future expansion and land use in the community to score this criterion. Answer the question, “Is this a good long-term site for a school?” | |
| Evaluation: | Scores: |
| Incompatible with future expansion | 0 |
| Significant variances with future expansion | 1 |
| Some variances with future expansion | 2 |
| Corresponds well with future expansion | 3 |
| Corresponds ideally with future expansion | 4 |

Proximity to Important Existing Facilities

| | |
|--|----------------|
| Criteria: | |
| In some instances, a district/community can identify an existing facility (e.g. swimming pool, food service, etc.) which is shared between multiple schools and to which close proximity is essential or desired. If more than one facility is important, this criterion may have to be scored multiple times. In most cases the adjacency is important because it involves student transit. Use the following standard: | |
| <ul style="list-style-type: none"> • students served are within a short walking distance to important existing facilities (i.e. 1/8 mile [660ft.] or less) | |
| Evaluation: | Scores: |
| Proximity of school is 40% or more below standard | 0 |
| Proximity of school is within 20% of standard | 1 |
| Proximity of school is within 10% of standard | 2 |
| Proximity of school is equal to standard | 3 |
| Proximity of school is 10% or more above standard | 4 |

Year-round Accessibility

| | |
|--|----------------|
| Criteria: | |
| Ideally, the site should be easily accessible during all times of the year regardless of weather and temperature effects on paths, walks or roads. In some communities, access may improve during winter due to frozen water/wetlands. In other communities, winter may cause the most difficult accessibility problems. Evaluate this criteria assuming standard amenities for site accessibility are provided (i.e. walks, roads, bridges, etc.). Costs for providing these amenities should be covered in other criteria. | |
| Evaluation: | Scores: |
| Site is inaccessible during certain times of the year | 0 |
| Access is routinely interrupted by weather/temperature conditions | 1 |
| Access is periodically over swampy, unstable soils | 2 |
| Typically year-round well drained ground/road access | 3 |
| Fully accessible; only severe storms may temporarily hinder access | 4 |

Site Topography

| | |
|---|----------------|
| Criteria: | |
| Ideally, the site should be fairly level with some topographic relief that can provide opportunities for learning area development. In some communities, choice of level property may not be available, so consideration should be given to the side that best meets the programmatic needs of the facility. Evaluate this criterion by considering the types of amenities required for the facility (i.e. playground/play area, soccer field, track, basketball court, etc.). Costs for providing these amenities should be covered in other criteria. | |
| Evaluation: | Scores: |
| Site contains significant topographic relief, and cannot accommodate anticipated uses | 0 |
| Site is not level, and can only accommodate a limited number of anticipated uses | 1 |
| Site is not level, but can still accommodate all anticipated uses | 2 |
| Site is mostly level and can accommodate all anticipated uses | 3 |
| Site is level and can accommodate all anticipated uses | 4 |

Traffic Impact, Access Needs:

The following five criteria relate to traffic and access issues that may affect a potential school site. A thoughtfully situated site will allow walking, busing and driving access while minimizing crash risk between those modes of travel as well as mainline traffic. The criteria address capital and maintenance needs for road function, sight distance, access and circulation, walking routes, school zones, turn lanes, and traffic signals. The following five criteria are especially important to consider in urban and suburban site selection processes where inadequately addressed traffic issues can result in safety concerns for students.

Road Access

| | |
|---|----------------|
| Criteria: Evaluate site access options. Access to the school site from minor arterials and collectors is more compatible than access from high speed or high volume road corridors or a low volume neighborhood residential street. Consider traffic speed and volume at the point of driveway access. Request DOT/PF or local agency assistance for roadway classification and traffic volume information. | |
| Evaluation: | Scores: |
| Driveway access from National Highway System, Principal Arterial, or Interstate | 0 |
| Driveway access from a low volume internal residential-only street | 1 |
| Driveway access from a Major Arterial roadway | 2 |
| Driveway access from a Minor Arterial roadway | 3 |
| Driveway access from Local Road or Collector (not generally a low volume residential-only street) | 4 |

Visibility, safety of driveways

| | |
|---|----------------|
| Criteria: Driveways have the potential to create conflicts when vehicles enter the roadway, particularly where slopes, curves or obstacles prevent good sight distance. The potential for conflicts can be reduced through provision of proper sight distance and traffic control devices. Evaluate sight distance at existing intersections and identify changes that may be required to provide adequate sight distance. Request DOT/PF or local agency assistance for minimum intersection sight distance. | |
| Evaluation: | Scores: |
| Adequate intersection sight distance cannot be provided or is very difficult to provide. | 0 |
| n/a | 1 |
| Adequate intersection sight distance can be provided but requires clearing and/or earthwork. | 2 |
| n/a | 3 |
| Adequate intersection sight distance can be provided without any major work. | 4 |

Driveway Conflicts and Internal Circulation

| | |
|--|----------------|
| Criteria: | |
| Driveway access options are limited by roadway frontage. The greater the frontage along a road, or along adjoining roads, the greater the likelihood that multiple driveways will provide options for internal site circulation of vehicular traffic (buses, visitors, students and faculty), pedestrians and bicycle traffic. Evaluate driveway access and internal circulation options. For information on driveway separation requirements, contact DOT/PF. | |
| Evaluation: | Scores: |
| Road frontage limits access to one driveway; site restricts or limits internal site circulation, or driveways and access frontage is insufficient for multiple modes of access. | 0 |
| n/a | 1 |
| Road frontage limits driveway access options; site allows internal site circulation options. Frontage limits multiple modes of access. | 2 |
| n/a | 3 |
| Road frontage wide enough for multiple driveways and other modes of travel; site allows internal site circulation options. | 4 |

Safe Routes to School for Pedestrians and Bicycles

| | |
|--|----------------|
| Criteria: | |
| Safe walking routes enable students within a short distance of the school the option to walk or ride bicycles. Minor collectors and local roads with easy access to the school are best for student pedestrians and bicycles. Roads with a significant amount of traffic act as barriers to students, will require traffic control devices (signs, signals, crossing guards) and can result in conflicts when students make poor crossing decisions. Evaluate the local walking conditions and changes necessary to improve safety for students. | |
| Evaluation: | Scores: |
| No walking routes are available, nor can reasonable routes be constructed. | 0 |
| Walking routes can be constructed, but significant pathway work is required. Traffic control devices could be extensive, requiring tunnels, bridges, or signalization. | 1 |
| Walking routes can be constructed at-grade without major right-of-way or road work. | 2 |
| Existing walking routes are suitable for 1/4 to 1/2 mile travel. A school zone beacon system may be required. | 3 |
| Existing walking routes are suitable for 1/4 to 1/2 mile travel. No new traffic control devices are required. | 4 |

Roadway Capacity, Safety Needs

| | |
|---|----------------|
| <p>Criteria: Schools generate a significant amount of traffic. Increased vehicle trips to a school site may create congestion and delay for school and non-school related traffic. Turning movements create conflicts between vehicles and pedestrians. Major intersection safety improvements include adding through lanes, right-turn lanes, a significant length of road widening to accommodate left turn lanes, or a traffic signal or a roundabout. Evaluate how increased traffic volume and turning movements can be safely accommodated. Request DOT/PF or local government guidance and technical assistance regarding traffic impacts, safety improvements and permitting.</p> | |
| Evaluation: | Scores: |
| The roadway requires major intersection and road segment improvements for long distances. Requires a Traffic Impact Analysis (TIA) per 17 AAC 10.060 (required typically for site generated traffic volume greater than 100 vehicles per hour). | 0 |
| The roadway requires major intersection improvements. Requires a Traffic Impact Analysis (TIA) per 17 AAC 10.060 (required typically for site generated traffic volume greater than 100 vehicles per hour). | 1 |
| The roadway requires widening to provide turning lanes to accommodate turning traffic demand. Requires a limited Traffic Impact Analysis (TIA) to review turning demands. | 2 |
| No roadway improvements are required; signing changes are needed. | 3 |
| No roadway improvements are required; existing road capacity and traffic control devices are adequate. | 4 |

<<<<END OF TRAFFIC AND ACCESS RELATED CRITERIA>>>>

Aesthetic Value

| | |
|---|----------------|
| <p>Criteria: Sites can be assessed for the quality of their surroundings such as vegetation, topography, views and surroundings. Because aesthetic value is subjective, it is important that the local residents establish the aesthetic criteria considering each of the categories mentioned above. Use a subjective evaluation of the aesthetic merits of the site and answer the question, “What would it take to make this site aesthetically pleasing?”</p> | |
| Evaluation: | Scores: |
| Will never be aesthetic | 0 |
| Has few natural aesthetic features and little potential | 1 |
| Has some aesthetic features; potential for more with considerable effort | 2 |
| Could have many aesthetic features with minimal efforts | 3 |
| Has many aesthetic features naturally | 4 |

Sun Orientation

Criteria:

The site should allow designs to take full advantage of available sun angles. Locating outside play areas to receive sunlight normally makes them a more desirable place for activity. A facility can benefit from the solar gain of winter sunlight. Large stands of trees, north-facing slopes and adjacent structures can be detrimental. Evaluate this criteria based on the year-round use of the facility.

Evaluation:

Scores:

| | |
|---|---|
| Site is in constant shadow during fall, winter and spring months | 0 |
| Site is mostly in shadow during winter months with some fall/spring sun | 1 |
| Site is mostly exposed winter sun | 2 |
| Site is exposed to year-round sun with some obstructions | 3 |
| Site is exposed to full year-round sunlight; no obstructions | 4 |

Protection from Elements

Criteria:

The site should provide protection from prevailing winds which intensify cold temperatures, dust, driving rain and drifting snow. Topography, orientation and site vegetation relative to cold winter winds can be important both for indoor and outdoor educational activities. Sites with some type of wind protections are desirable over those exposed to harsh winds (this is especially critical in coastal areas). Evaluate this criteria based on natural features. Costs of compensating for inadequate protection should be covered in other criteria.

Evaluation:

Scores:

| | |
|--|---|
| Site is fully exposed to prevailing winds; no obstructions | 0 |
| Site is mostly exposed to prevailing winds | 1 |
| Site is partially protected from prevailing winds; some natural barriers | 2 |
| Site is mostly protected from prevailing winds | 3 |
| Site offers full protection from prevailing winds | 4 |

Site Drainage

Criteria:

Sites with good drainage are easier to develop and maintain. Good drainage reduces the chance of water or ice collecting around a facility which could cause undermining, decay and/or frost heave leading to structural damage. It could also make general use and occupancy of the site difficult. Evaluate this criteria based on natural features. Costs of compensating for inadequate drainage should be covered in other criteria.

Evaluation:

Scores:

| | |
|--|---|
| Site is generally low; surrounding areas drain into it | 0 |
| Drainage collects in some areas within the site | 1 |
| Drainage collects in areas adjacent to the site | 2 |
| Site has positive drainage; water contribution from surrounding areas is easily accommodated | 3 |
| Site has positive drainage; no water contribution from surrounding areas | 4 |

Proximity to Natural Hazards

Criteria:

Ideally, the site would have no susceptibility to damage (facilities, utilities, etc.) from natural disasters. These would include the results of "Force Majeure" such as earthquakes, avalanches/landslides, volcanic activity as well as health and safety hazards such as bluffs/steep cliffs, bodies of water and sewage/garbage disposal areas. Evaluate this criteria based on natural features and the historical occurrence of those hazards listed above. Costs of compensating for hazards should be covered in other criteria.

Evaluation:

Scores:

| | |
|---|---|
| Site in proximity to five or more hazards | 0 |
| Site is in proximity to four or fewer hazards | 1 |
| Site is in proximity to three or fewer hazards | 2 |
| Site is in proximity to one hazard | 3 |
| Site free of any potential damage/injury from natural hazards | 4 |

Zoning/Land Use

| | |
|---|----------------|
| Criteria: | |
| Current and projected zoning and land use should be compatible with the use of the site for a school. If local regulations do not currently permit educational facilities, it could be a lengthy process to obtain a change in zoning or a conditional use permit. Evaluate this criterion according to the difficulty and associated risk. | |
| Evaluation: | Scores: |
| Present/future zoning does not permit use of the site for a school | 0 |
| Not zoned for schools but change or exemption can be requested | 1 |
| Current zoning will allow schools as conditional use | 2 |
| Currently zoned for schools; not likely to change | 3 |
| Present/future zoning permits schools or no zoning restrictions exist | 4 |

Site Soils/Foundation Conditions

| | |
|--|----------------|
| Criteria: | |
| Ideal sites contain well graded, stable soils with high soil bearing pressure. Soil conditions should allow conventional, economical foundation systems which can meet or exceed a 50 year life expectancy with little maintenance. Soil conditions which can adversely affect construction include, discontinuous permafrost, silts and clays, substantial surface or sub-surface organic and high water contents (all susceptible to frost heave). Sites should be assessed for the quality of their soil based on known conditions or on-site investigations. | |
| Evaluation: | Scores: |
| Unstable soils throughout; highly specialized foundation required | 0 |
| Mostly unstable soils; specialized foundation required | 1 |
| Isolated area of the site have unstable soils, some specialized foundation likely | 2 |
| Most areas of the site have stable soils; conventional foundation possible | 3 |
| Stable soils; conventional foundation system possible | 4 |

Availability of Water Utilities

| | |
|---|----------------|
| Criteria: | |
| <p>Connection into an existing, reliable water supply system with adequate capacity is preferred. Sites closest to the existing system would be rated highest. When considering adequacy, don't forget fire suppression system requirements. If a new water system is required for the site, then sites should be rated as to their potential to support/provide the system. For new systems, proximity to wells, lakes or rivers may be a factor. Evaluate this criteria based on known improvements and/or natural features as described above. Costs of providing water utility should be covered in other criteria.</p> | |
| Evaluation: | Scores: |
| No existing system; no known/potential water supply near site | 0 |
| No existing water system; potential water supply near site | 1 |
| No existing water system available; known water supply at site | 2 |
| Adequate, reliable water system is available adjacent to or near the site | 3 |
| Adequate, reliable water system is available within the site | 4 |

Availability of Sewage Utilities

| | |
|--|----------------|
| Criteria: | |
| <p>Connection into an existing, reliable waste/sewer system with adequate capacity is preferred. Sites closest to the existing system would be rated highest. If a new sewage system is required for the site, then sites should be rated as to their potential to support/provide the system. For new systems, perking soils, space for lagoons and availability of effluent outfalls may be a factor. Evaluate this criteria based on known improvements and/or natural features as described above.</p> | |
| Evaluation: | Scores: |
| No existing system; no known/potential waste handling area near site | 0 |
| No existing sewer system; potential locations for sewer system near site | 1 |
| No existing sewer system available; known location/method avail. on site | 2 |
| Adequate, reliable sewer system is available adjacent to or near the site | 3 |
| Adequate, reliable sewer system is available within the site | 4 |

Availability of Electrical Power

Criteria:

Connection into an existing, reliable electrical system with adequate capacity is preferred. Sites closest to the existing system would be rated highest. If a new electrical system is required for the site, then sites should be rated as to their potential to support/provide the system. For new systems, space for generators, space for fuel storage and availability of fuel may be a factor. Evaluate this criteria based on known improvements and projected requirements.

Evaluation:

Scores:

| | |
|---|---|
| No existing system; known difficulties for generation on site | 0 |
| No existing power system; good potential for power generation near site | 1 |
| No existing power system available; known power generation at site | 2 |
| Adequate, reliable power system is available adjacent to or near the site | 3 |
| Adequate, reliable power system is available within the site | 4 |

Availability of Fuel Storage/Distribution

Criteria:

Connection into an existing, reliable fuel storage/distribution system with adequate capacity is preferred. Sites closest to the existing system would be rated highest. If a new fuel system is required for the site, then sites should be rated as to their potential to support/provide the system. For new systems, proximity to delivery points, available land for tankage, etc. may be a factor. Evaluate this criteria based on known improvements and/or natural features as described above. Costs of providing fuel utility should be covered in other criteria.

Evaluation:

Scores:

| | |
|--|---|
| No existing system; known difficulties for fuel storage on site | 0 |
| No existing fuel system; good potential for fuel system near site | 1 |
| No existing fuel system available; known fuel system location on site | 2 |
| Adequate, reliable fuel system is available adjacent to or near the site | 3 |
| Fuel system is not required or is available on site | 4 |

Proximity to Fire Response Equipment

| | |
|--|----------------|
| Criteria: | |
| <p>This may or may not influence site selection in rural areas since many villages have no organized fire protection. In areas with fire hydrants and a continuous/reliable water supply and/or a fire station, sites may be rated by response time or whether a site is within the service area. In facility design, sprinkler systems may be specified which become part of the fire protection equipment which is independent of site location except as it relates to water supply. Use the following standard:</p> <ul style="list-style-type: none"> • site is within a service area and is in close proximity to a fire station (i.e. 4 miles or less) | |
| Evaluation: | Scores: |
| Proximity of site is 40% or more below standard | 0 |
| Proximity of site is within 20% of standard | 1 |
| Proximity of site is within 10% of standard | 2 |
| Proximity of site is equal to standard | 3 |
| Proximity of site is 10% or more above standard | 4 |

Ease of Transporting Construction Materials

| | |
|---|----------------|
| Criteria: | |
| <p>Proximity to transportation routes which can support heavy equipment and loads can affect the usability of a site for construction. This criterion is not to measure the cost of getting construction materials to a community or geographic area but evaluates the local impact of transporting materials to the site. Sites closest to the transportation route will be most easily serviced. Evaluate based on the following:</p> | |
| Evaluation: | Scores: |
| Site is inaccessible | 0 |
| Transporting materials/equipment will be very difficult | 1 |
| Transporting materials will be difficult | 2 |
| Transporting will be fairly easy, routes will need upgrading | 3 |
| Transporting of equipment/materials will be simple; on established routes | 4 |

Site Availability

Criteria:

Land status availability is one of the most fundamental criteria for locating capital improvements. The title to the site should be free of legal encumbrances, platted and surveyed with an accurate legal description and have a single owner. Evaluate as follows:

Evaluation:

Scores:

| | |
|---|---|
| Clear or unclear title, owner/seller not interested | 0 |
| Uncertain title/boundaries; multiple owners | 1 |
| Some encumbrances/easements, etc., multiple owners | 2 |
| Clear title, recent survey, possibly available | 3 |
| Clear title, recent survey, definitely available | 4 |

Site Cost

Criteria:

Land parcels should be available at an affordable cost. The most favorable situation is one in which the parcel is public land available at no cost to the district or available by donation from a private entity. Obviously, the cost of some parcels may be totally beyond the available funds. Evaluate as follows:

Evaluation:

Scores:

| | |
|--|---|
| Site is cost prohibitive | 0 |
| Site is above fair market value but within reach | 1 |
| Site is available at fair market value | 2 |
| Site is available below fair market value | 3 |
| Site is available at no cost or has a nominal administrative fee | 4 |

Alternative Energy Sources

| | |
|---|----------------|
| Criteria: In some cases it may become feasible/cost effective to use the waste heat from an electrical generation plant, or some other low-cost alternative energy source for heating the new facility. All other criteria being equal, this may become an important factor. Evaluate as follows: | |
| Evaluation: | Scores: |
| Site has no possibilities for alternative energy systems | 0 |
| n/a | 1 |
| Site is adjacent to alternative energy systems; significant effort to develop | 2 |
| n/a | 3 |
| Site is adjacent to alternative energy systems; easily developed | 4 |

Permafrost Stability

| | |
|---|----------------|
| Criteria: The best method in dealing with permafrost is to avoid it if possible. If the whole area is underlain with permafrost, then a site with well drained, non-frost-susceptible soils is preferred since there is less chance of encountering an ice wedge/lens, which, when melted will cause unstable soil conditions. Evaluate as follows: | |
| Evaluation: | Scores: |
| No soils testing; obvious signs of discontinuous permafrost | 0 |
| Soils test silt and clay, known permafrost conditions | 1 |
| Undetermined soil conditions; no obvious signs of permafrost | 2 |
| Limited soils information; most of site free of permafrost | 3 |
| Site soils tested, no permafrost present | 4 |

Flooding

| | |
|---|----------------|
| Criteria: Flooding potential from adjacent bodies of water should be considered. Ideally, the site would not be located within a flood plain of flood-prone area. | |
| Evaluation: | Scores: |
| Site floods routinely | 0 |
| Site is within flood plain boundaries | 1 |
| Site is in close proximity to flood prone areas | 2 |
| Site is in proximity to bodies of water but well above flood plain | 3 |
| Site is not in flood plain; no nearby bodies of water | 4 |

Site Erosion

| | |
|---|----------------|
| Criteria: Sites which border on eroding river banks and eroding sea spits should be evaluated on how much and how often erosion takes place to determine if a facility would be endangered. Slopes which have been cleared of vegetation can also erode due to heavy rain. Evaluate this criteria based on natural features and the historical occurrence of those hazards listed above. Costs of compensating for hazards should be covered in other criteria. | |
| Evaluation: | Scores: |
| Known erosion potential | 0 |
| n/a | 1 |
| Moderate erosion potential; mostly during construction | 2 |
| n/a | 3 |
| No erosion potential; not near water or at toes of slopes | 4 |

Air Inversions/Katabatic Winds

| | |
|--|----------------|
| Criteria: | |
| During winter under clear sky/no wind conditions, cold air flows down hillsides settling in low-lying areas. This causes temperatures to be colder at low-lying sites (especially in the Interior where there may be little wind). In regions where this occurs often during the winter, sites which are on a hillside are preferred over sites in low-lying areas. Evaluate as follows: | |
| Evaluation: | Scores: |
| Site has continuous winter Katabatic accumulations | 0 |
| Site is routinely affected by Katabatic accumulation; annually | 1 |
| Site is in areas of occasional Katabatic wind; not every season | 2 |
| Site is adjacent to areas of known Katabatic accumulation | 3 |
| Site is on a hillside above cold air accumulation areas | 4 |

Existing Site Development

| | |
|--|----------------|
| Criteria: | |
| Vacant, undeveloped land is preferable; if developed or currently used, alternative sites must be available for existing uses. Evaluate based on the magnitude of existing uses requiring relocation and/or demolition and the simplicity of the action. | |
| Evaluation: | Scores: |
| Site has many existing uses; will all be problematic to relocate/demolish | 0 |
| n/a | 1 |
| Has 2000 square feet or less in existing uses; all relocatable/demo | 2 |
| n/a | 3 |
| Site has no existing uses | 4 |

Access to Outdoor Recreation/Learning

Criteria:

Students benefit when complimentary park and recreation resources are located near public schools. Recreation and nature areas available by walking provide opportunities to use the outdoors as an extension of the classroom. Evaluate according to the following standard:

- site is contains or is adjacent to outdoor recreation/nature area (i.e. 1/8 mile or less)

Evaluation:**Scores:**

| | |
|---|---|
| Proximity of site is 40% or more below standard | 0 |
| Proximity of site is within 20% of standard | 1 |
| Proximity of site is within 10% of standard | 2 |
| Proximity of site is equal to standard | 3 |
| Proximity of site is 10% or more above standard | 4 |

Noise

Criteria:

Incompatible noise such as from air traffic, vehicle traffic, industrial uses, etc. is detrimental to educational delivery. Evaluate this criteria based on actual or anticipated noise factors according to the following standard:

- sound decibel level is below 65db sustained and 75db peak
- Costs for mitigating these factors will be covered in other criteria.

Evaluation:**Scores:**

| | |
|---|---|
| Sound level of site is 40% or worse than standard | 0 |
| Sound level of site is within 20% of standard | 1 |
| Sound level of site is within 10% of standard | 2 |
| Sound level of site is equal to standard | 3 |
| Sound level of site is 10% or more better than standard | 4 |

Wetlands

| | |
|---|----------------|
| Criteria: Wetlands should be avoided due to the adverse impact on cost and schedule. Evaluate as follows: | |
| Evaluation: | Scores: |
| 100% of site is classified as wetlands; significant impact to building | 0 |
| Most of the site is wetlands; considerable impact to building likely | 1 |
| Some of the site is classified as wetlands; some impact to building likely | 2 |
| Some of the site is classified as wetlands; little or no impact to building | 3 |
| Site has no wetlands | 4 |

Potential for Hazardous Materials

| | |
|--|----------------|
| Criteria: The site should be free of evidence of past use by industrial functions, unregulated storage of items containing hazardous materials or know disposals of hazards. A site assessment may be required. Evaluate as follows: | |
| Evaluation: | Scores: |
| 100% of site has known hazmat; significant impact to building | 0 |
| Most of the site has known/probable hazmat; considerable impact likely | 1 |
| Some of the site has known/probable hazmat; some impact likely | 2 |
| Some of the site has known/probable hazmat; little or no impact likely | 3 |
| Site has no known/potential hazmat issues | 4 |

There are many formats for reporting the results of a site investigation. Reports can range from basic tabulations and narratives with a few maps showing the sites being evaluated to high-powered multi-media presentations incorporating aerial photography, video footage, color graphics and detailed site plans. Appendices can range from a few simple support documents to detailed reports covering everything from archeology to zoning maps. Regardless of the visual and graphic development, a good site investigation report should include the following:

Introduction and Executive Summary

The introduction should describe the purpose and scope of the investigation listing the type and size of planned facilities which the site would need to support and a brief description of the sites. Toward the front of the report, a summary which indicates which site was selected and the basic rationale for the selection should be provided.

Maps and Graphics

Because of the type of information normally processed in a site investigation, graphic representations are essential. For instance, a metes and bounds narrative of the property may very well be an accurate description of the site's boundaries but a site plan with a graphic representation of those bearings and distances communicates more effectively, the shape and size of the site. Similarly, the sentence, "a stream crosses the property from the north to the south," offers a general description of a key site feature where the same stream drawn on a site plan offers an instant evaluation of its impact on placing a building on the site.

It is helpful not only to have graphic representation of each site and its immediate surroundings showing roadways, vegetation, adjacent structures, etc., but also a smaller scale map showing each of the potential sites and their relationship to one another as well as to key area landmarks. Appendix B shows an example of a site graphic for a rural village. On one simple sheet the following items are indicated: each site, bodies of water, compass directions, roads/paths, vegetation, topography, existing structures and site improvements, utility systems, prevailing winds, winter sun angles and natural and man-made hazards.

Aerial photographs, site cross-sections, and photographic panoramas are all useful and fairly standard graphic tools which assisting not only in describing the results of the site investigation but are often instrumental in making the evaluation itself.

Evaluation Matrix and Narratives

In addition to graphics, tabulated data is often one of the best ways to condense information and allow comparison across a specific category. The tabulations shown in Appendix A and/or the spreadsheet available on the department's website offer suggested formats for this type of information.

Social and Land Use Factors

| Criteria | WF | Sites | | | | | | | |
|---|----|-------|-----|---|-----|---|-----|---|-----|
| | | 1 | xWF | 2 | xWF | 3 | xWF | 4 | xWF |
| Size of Site | | | | | | | | | |
| Proximity to Population to be Served | | | | | | | | | |
| Proximity to Future Expansion of Community | | | | | | | | | |
| Proximity to Important Existing Facilities | | | | | | | | | |
| • | | | | | | | | | |
| • | | | | | | | | | |
| <i>Year-round Accessibility</i> | | | | | | | | | |
| Site Topography | | | | | | | | | |
| Road Access | | | | | | | | | |
| Visibility, Safety of Driveways | | | | | | | | | |
| <i>Driveway Conflicts and Internal Circulation</i> | | | | | | | | | |
| <i>Safe Routes to School for Pedestrians and Bicycles</i> | | | | | | | | | |
| <i>Roadway Capacity, Safety Needs</i> | | | | | | | | | |
| Aesthetic Value | | | | | | | | | |
| <i>Sun Orientation</i> | | | | | | | | | |
| <i>Protection from Elements</i> | | | | | | | | | |
| <i>Site Drainage</i> | | | | | | | | | |
| <i>Proximity to Natural Hazards</i> | | | | | | | | | |
| Zoning/Land Use | | | | | | | | | |
| Proximity to Fire Response Equipment | | | | | | | | | |
| <i>Flooding</i> | | | | | | | | | |
| <i>Existing Site Development</i> | | | | | | | | | |
| Access to Outdoor Recreation/Learning | | | | | | | | | |
| Noise | | | | | | | | | |
| <i>Wetlands</i> | | | | | | | | | |
| <i>Potential for Hazardous Materials</i> | | | | | | | | | |

TOTALS

Note: Italicized Items are also evaluated in either Construction Cost Factors or Maintenance and Operating Cost Factors

Construction Cost Factors

| Criteria | WF | Sites | | | | | | | |
|---|----|-------|-----|---|-----|---|-----|---|-----|
| | | 1 | xWF | 2 | xWF | 3 | xWF | 4 | xWF |
| Soils/Foundation Conditions | | | | | | | | | |
| Permafrost Stability | | | | | | | | | |
| Availability of Water Utilities | | | | | | | | | |
| Availability of Sewer Utilities | | | | | | | | | |
| Availability of Electric Power | | | | | | | | | |
| Availability of Fuel Storage/Distribution | | | | | | | | | |
| Year-round Accessibility | | | | | | | | | |
| Driveway Conflicts and Internal Circulation | | | | | | | | | |
| <i>Safe Routes to School for Pedestrians and Bicycles</i> | | | | | | | | | |
| Roadway Capacity, Safety Needs | | | | | | | | | |
| Ease of Transporting Construction Materials | | | | | | | | | |
| Site Availability | | | | | | | | | |
| Site Cost | | | | | | | | | |
| <i>Site Drainage</i> | | | | | | | | | |
| <i>Proximity to Natural Hazards</i> | | | | | | | | | |
| <i>Site Erosion</i> | | | | | | | | | |
| Existing Site Development | | | | | | | | | |
| Wetlands | | | | | | | | | |
| Potential for Hazardous Materials | | | | | | | | | |

TOTALS

Note: Italicized Items are also evaluated in Maintenance and Operating Cost Factors

Maintenance and Operating Cost Factors

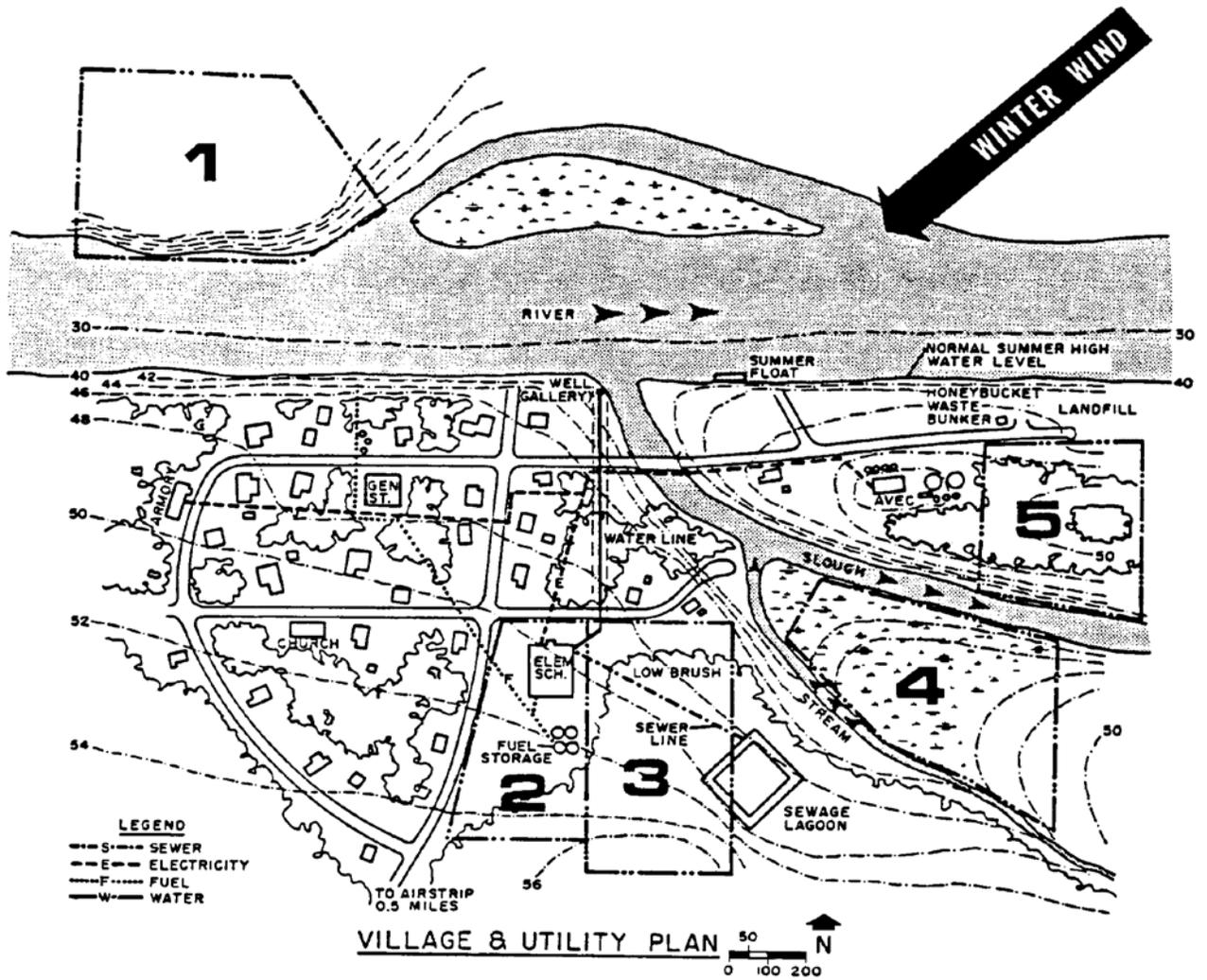
| Criteria | WF | Sites | | | | | | | |
|--|----|-------|-----|---|-----|---|-----|---|-----|
| | | 1 | xWF | 2 | xWF | 3 | xWF | 4 | xWF |
| Safe Routes to School for Pedestrians and Bicycles | | | | | | | | | |
| Site Drainage | | | | | | | | | |
| Flooding | | | | | | | | | |
| Site Erosion | | | | | | | | | |
| Sun Orientation | | | | | | | | | |
| Protection from Elements | | | | | | | | | |
| Proximity to Natural Hazards | | | | | | | | | |
| Alternative Energy Sources | | | | | | | | | |
| Air Inversions/Katabatic Winds | | | | | | | | | |

TOTALS

Site Evaluation Summary Table

| Criteria | Sites | | | |
|---|-------|---|---|---|
| | 1 | 2 | 3 | 4 |
| Social and Land Use Factors | | | | |
| Construction Cost Factors | | | | |
| Maintenance and Operating Cost Factors | | | | |

GRAND TOTALS

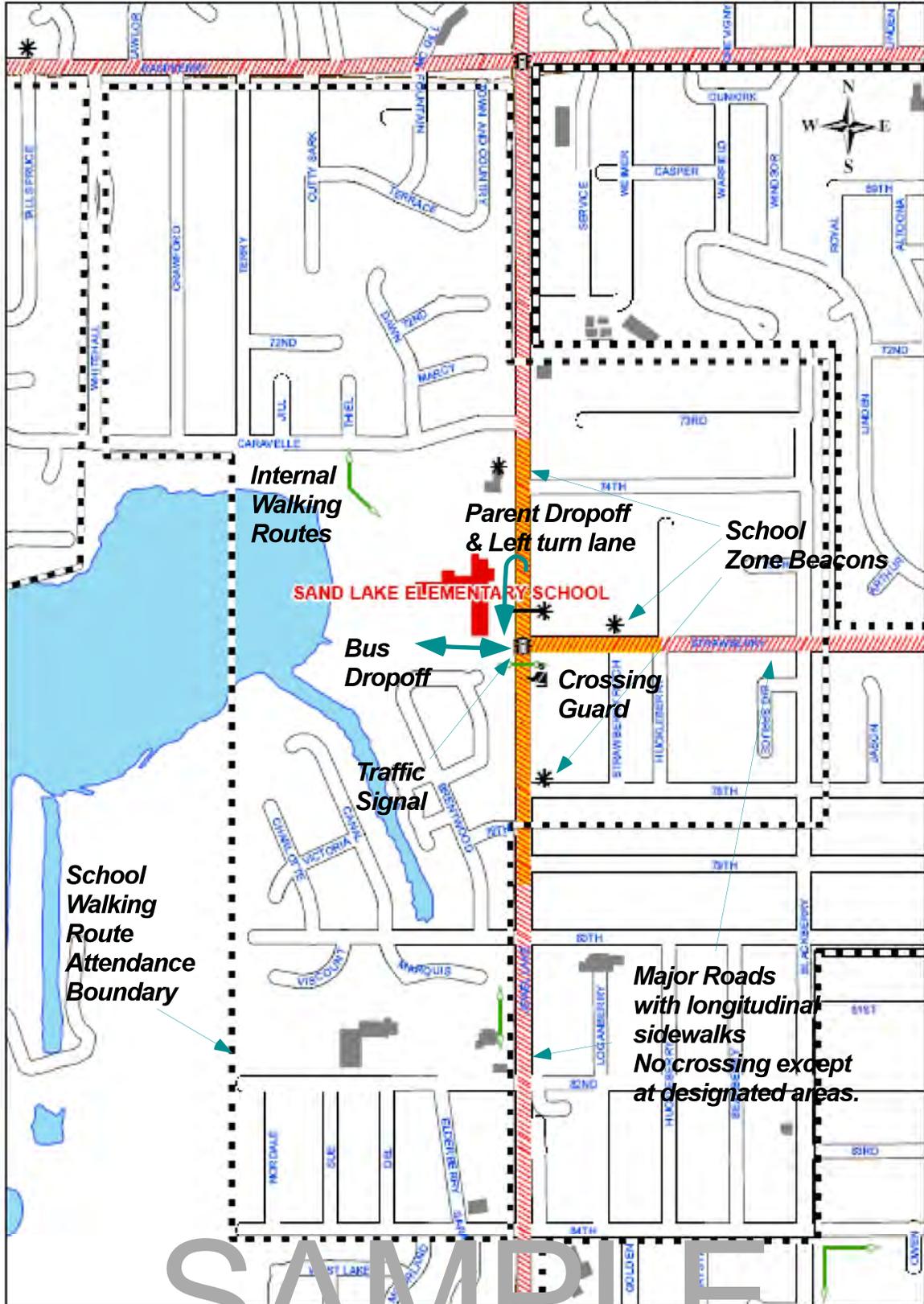


WINTER SUNLIGHT

SAMPLE

APPENDIX C URBAN/SUBURBAN SCHOOL LAYOUT

Sand Lake Elementary



SAMPLE