

AGREEMENT TO PREPARE
BOUNDARY REALIGNMENT STUDY
for
MT. DIABLO UNIFIED SCHOOL DISTRICT

Prepared by:

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PURPOSE OF PROJECT

School Attendance Boundary Realignment is a process used by school districts when it has become apparent that re-distribution of students among schools is necessary. This may be due to a variety of factors, including increasing or decreasing enrollment, housing trends, in and out migration, or facility capacity. The process of modifying attendance boundaries includes both quantitative information, such as enrollment figures and use of GIS, and qualitative information, such as community input and stakeholder opinions.

Through a process called geocoding, Jack Schreder & Associates uses the student database to electronically place each student on a map. School facilities, district boundaries, feeder patterns, and attendance boundaries are also mapped. Unlike a paper map where "what you see is what you get," a GIS map is a combination of many layers of information. The information comes from databases that are linked to the GIS and contain records and statistics.

Once all students are mapped, it is possible to develop a variety of attendance boundary scenarios. For each scenario the computer automatically generates the number of students by grade (and other characteristics) in each new attendance boundary. Our GIS software is flexible; there are no restrictions on the size or number of areas to be constructed, and data are produced that make it simple to evaluate large numbers of possible scenarios.

We help school districts devise new attendance boundaries. We assist with developing criteria and measures for evaluating possible boundary realignment scenarios. Criteria often include balancing enrollments among schools, maximizing student safety, keeping neighborhoods within one attendance area, maximizing the number of students who stay together as they move from elementary to middle school, and minimizing walking distance to schools. After criteria are specified, Jack Schreder & Associates can provide a variety of attendance area scenarios. Our GIS software produces high-quality maps that show attendance area boundaries.

Components for Boundary Realignment Analyses will include the following:

Previously Completed:

Assist with development of criteria and process to be adopted by the Board of Education and utilized as a measure for the preparation of attendance boundary realignment scenarios

Component A:

Based on board adopted criteria and process, information provided by District staff, and information gathered during the School Consolidation process in 2010, develop attendance boundary realignment scenarios, including:

- Preparation of full color maps demonstrating current attendance boundaries and proposed attendance boundary realignment.
- Preparation of reports and maps demonstrating affect of proposed attendance boundary realignment on current and future student residents and enrollments, including 5-year resident and enrollment projections.
- Preparation of reports and maps demonstrating affect of proposed attendance boundary realignment on current and projected residents and enrollments vs. current and projected facility capacities.
- Preparation of reports and maps demonstrating the measure of proposed attendance boundary realignment against board adopted criteria.

Component B:

Based on feedback, prepare edits to boundary realignment scenario(s), including reproduction of all pertinent data reports and maps.

Component C:

Attendance at two meetings.

CONSULTING FEES

The District shall pay the Consultant at the rate of \$145 per hour for services outlined in this Agreement, not to exceed 100 hours (\$14,500). This cost includes 2 meetings.

The Consultant will provide services as needed and requested by the District. Services will be documented and invoiced on a monthly basis.

	Hours
<i>Component A: Boundary Realignment Scenarios/Reports/Maps</i>	60
<i>Component B: Edits to Boundary Realignment Scenarios</i>	30
<i>Component B: Attendance at 2 Meetings</i>	10
<i>Total Hours NOT TO EXCEED</i>	100
<i>*Total Cost @ \$145 per hour</i>	\$14,500

**This cost can be funded by Developer Fees.*

Additional Considerations

- Edits and revisions to scenarios in addition to those included in the above cost will be reimbursed to the Consultant in the amount of \$145 an hour.
- Visitations to the district in addition to those included in the above cost will be reimbursed to the Consultant in the amount of \$145 an hour including travel time.
- Reproduction costs of the maps, draft and final reports will be reimbursed to the Consultant.
- Express mail expenses will be documented and reimbursed to the Consultant.

TIME SCHEDULE

The consultant will begin work immediately and a timeline will be established by agreement between the consultant and the District staff.

This agreement is between the Mt. Diablo Unified School District and Jack Schreder & Associates.



Steven Lawrence, Ph.D.
Superintendent
Mt. Diablo Unified School District
School District

Jack Schreder
Jack Schreder & Associates

Date

May 5, 2011
Date