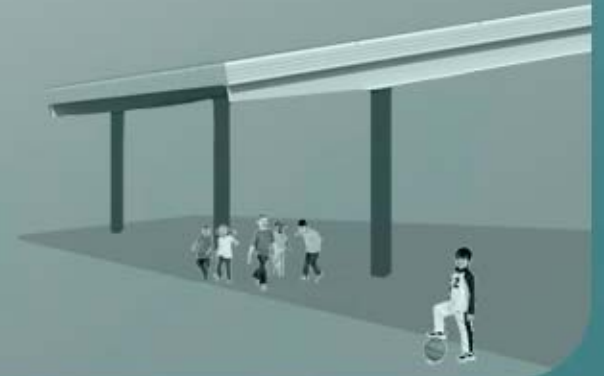




2010 Measure C Facilities Improvement Program

District-wide Photovoltaic Project: Status Report to the Board of Education

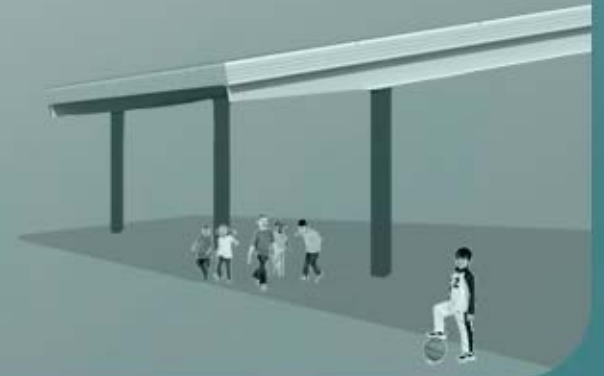
August 23, 2011



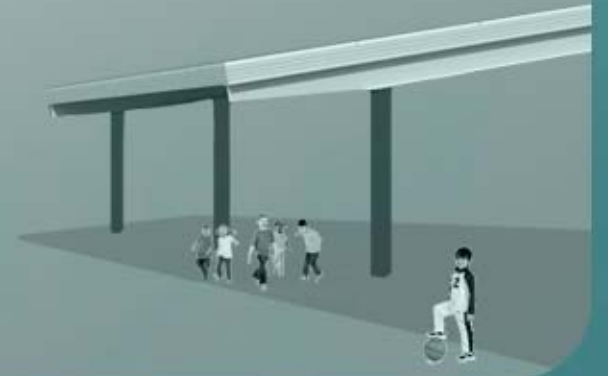


Report Focus

- I. Project Progress
- II. Safety and Mitigation Measures
- III. Outreach
- IV. Project “Look Ahead”



Project Progress



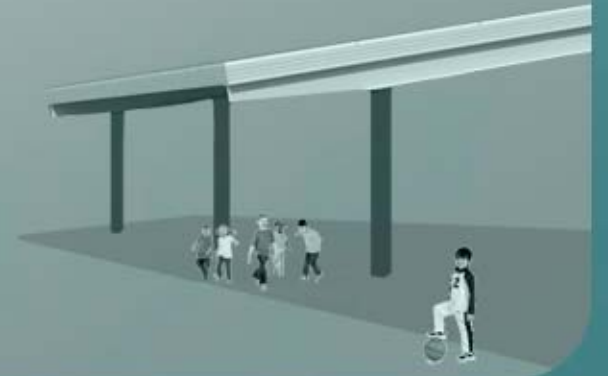
MDUSD 2010 Measure C Facilities Bond Program Schedule

| ID | Task Name | Start | Finish | 2011 | | | | | | | | | | | | 2012 | | | | | | | | | |
|----|---------------------------------|--------------|-------------|------|------------------------------------|--------------|-------------|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|
| | | | | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J |
| | | | | 1 | 2010 Measure C Bond Program | Thu 11/11/10 | Tue 7/31/12 | | | | | | | | | | | | | | | | | | |
| 2 | Solar Facilities Program | Thu 11/11/10 | Tue 7/31/12 | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Increment #1 | Thu 11/11/10 | Tue 7/31/12 | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Increment #2 | Thu 11/11/10 | Tue 7/31/12 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Increment #3 | Thu 11/11/10 | Tue 7/31/12 | | | | | | | | | | | | | | | | | | | | | | |

Sun 8/21/11

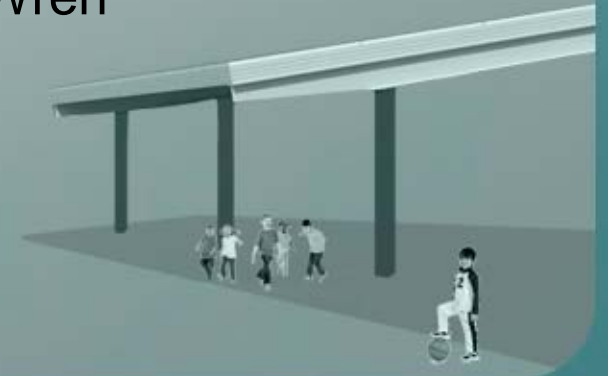
| | | | | | | | | | | | |
|-------------------------|--|--------------------|--|-------------------|--|--------------------|--|-----------------------|--|-------------|--|
| Notice to Proceed | | Procurement | | System Acceptance | | Inactive Task | | Manual Task | | Start-only | |
| Design | | Construction | | Final Completion | | Inactive Task | | Duration-only | | Finish-only | |
| DSA Approval | | Equipment Delivery | | Progress | | Inactive Milestone | | Manual Summary Rollup | | | |
| Bid,Award & Procurement | | Closeout | | Calendar | | Inactive Summary | | Manual Summary | | | |

Increment #1



Original Increment #1 Sites

- 18 Total Sites
- High Schools
 - Mt. Diablo, Olympic, Concord
- Middle Schools
 - Glenbrook, Riverview, El Dorado
- Elementary Schools
 - Rio Vista, Shore Acres, Delta View, Bel Air, El Monte, Holbrook, Monte Gardens, Sun Terrace, Westwood, Wren
- Other Sites
 - Dent, M&O



Revised Increment #1 Sites

- 21 Total Sites
- High Schools
 - Mt. Diablo, Olympic, Concord, Ygnacio Valley, Northgate, Clayton Valley, College Park
- Middle Schools
 - Riverview, El Dorado
- Elementary Schools
 - Rio Vista, Shore Acres, Diablo View, Bel Air, El Monte, Monte Gardens, Sun Terrace, Westwood, Wren, Cambridge
- Other Sites
 - Dent, M&O



Cambridge



Concord



Mt. Diablo



Clayton Valley



Northgate



AM10:20 AUG/22/2011

College Park



Ygnacio Valley



Dent Center

James W. Dent Center

DANGER
CONSTRUCTION AREA
KEEP OUT

Parking Available:
① Behind Day Care
② Main Entrance
③ Administration Entrance

ENTRANCE
TO
DENT CENTER

DAY
CARE

MDUSD
2010 MEASURE 5

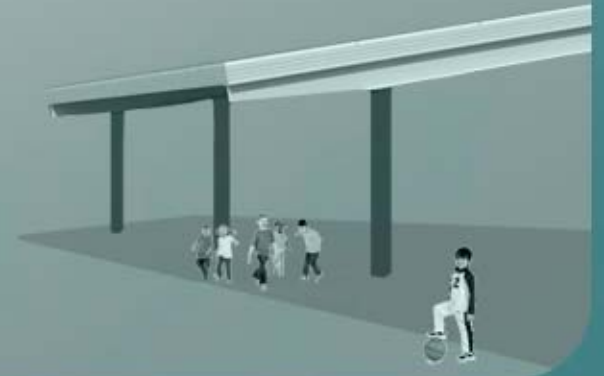
MDUSD
2010 MEASURE 5

AM 8:24 AUG/ 8/2011

M & O



Increment #2



Increment #2 Sites

- 15 Total Sites
- High Schools
 - Moved to Increment #1
- Middle Schools
 - Oak Grove, Diablo View, Foothill, Pine Hollow
- Elementary Schools
 - Eagle Peak, Ayers, Bancroft, Highlands, Mountain View, Mt. Diablo, Silverwood, Valle Verde, Walnut Acres, Strandwood
- Other Sites
 - Loma Vista



Ayers

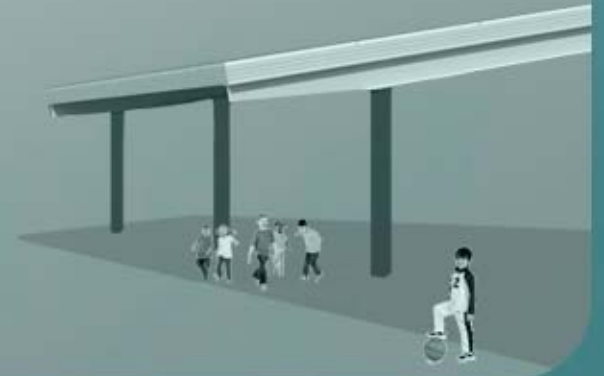


PM 1:01 AUG/22/2011



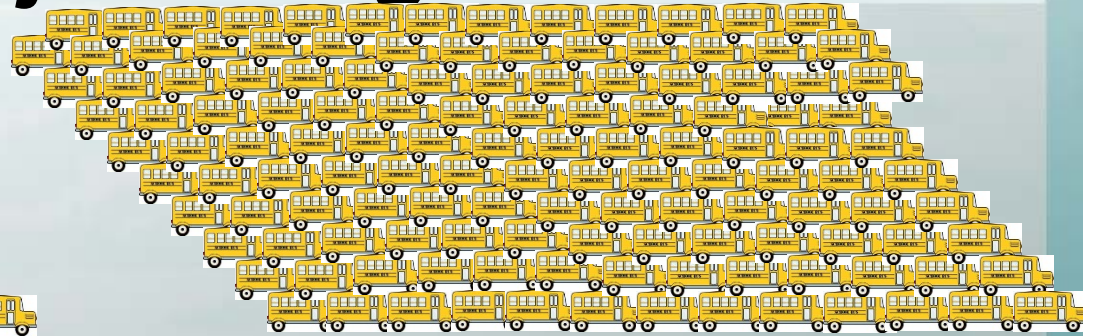
Sites Mobilized

- Mountain View
- Diablo View
- Ygnacio Valley
- Strandwood
- Valle Verde
- Oak Grove

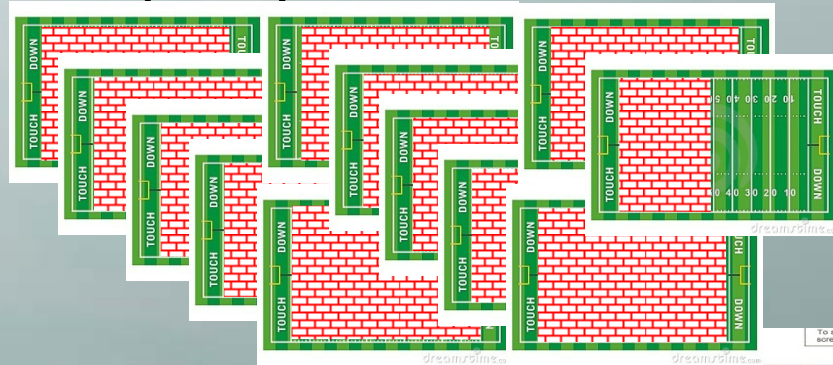
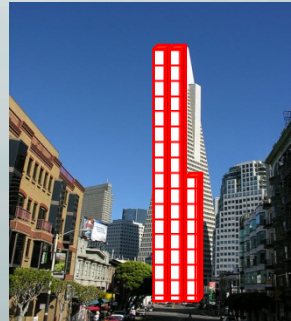


Project Progress:

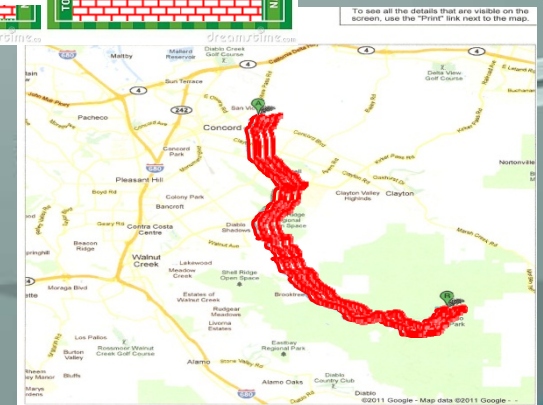
- 2,400 tons steel



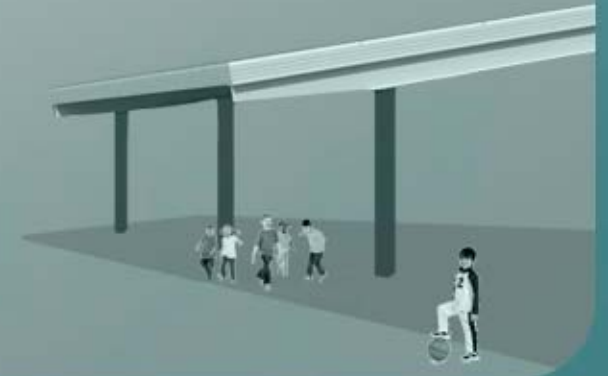
- 10,000 Photo-voltaic (PV) Modules



- 384,000 Lineal Feet Wire

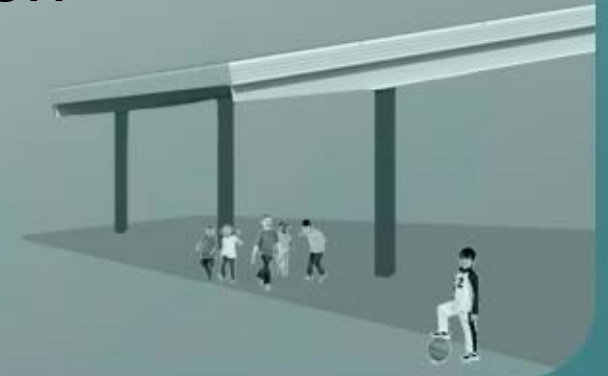


Mitigation and Safety Measures



Mitigation and Safety Measures

- Development of Contingency Plans
 - Drop off
 - Pedestrian
 - Parking
- Site Meeting with Administrators
 - All sites in active construction
 - Including all New Administrators
- Contingency Letters for Distribution
- Safety Measures
 - Site Signage
 - “Live” Traffic Controls for start of school









Mount Diablo Unified School District

Solar Project Overview

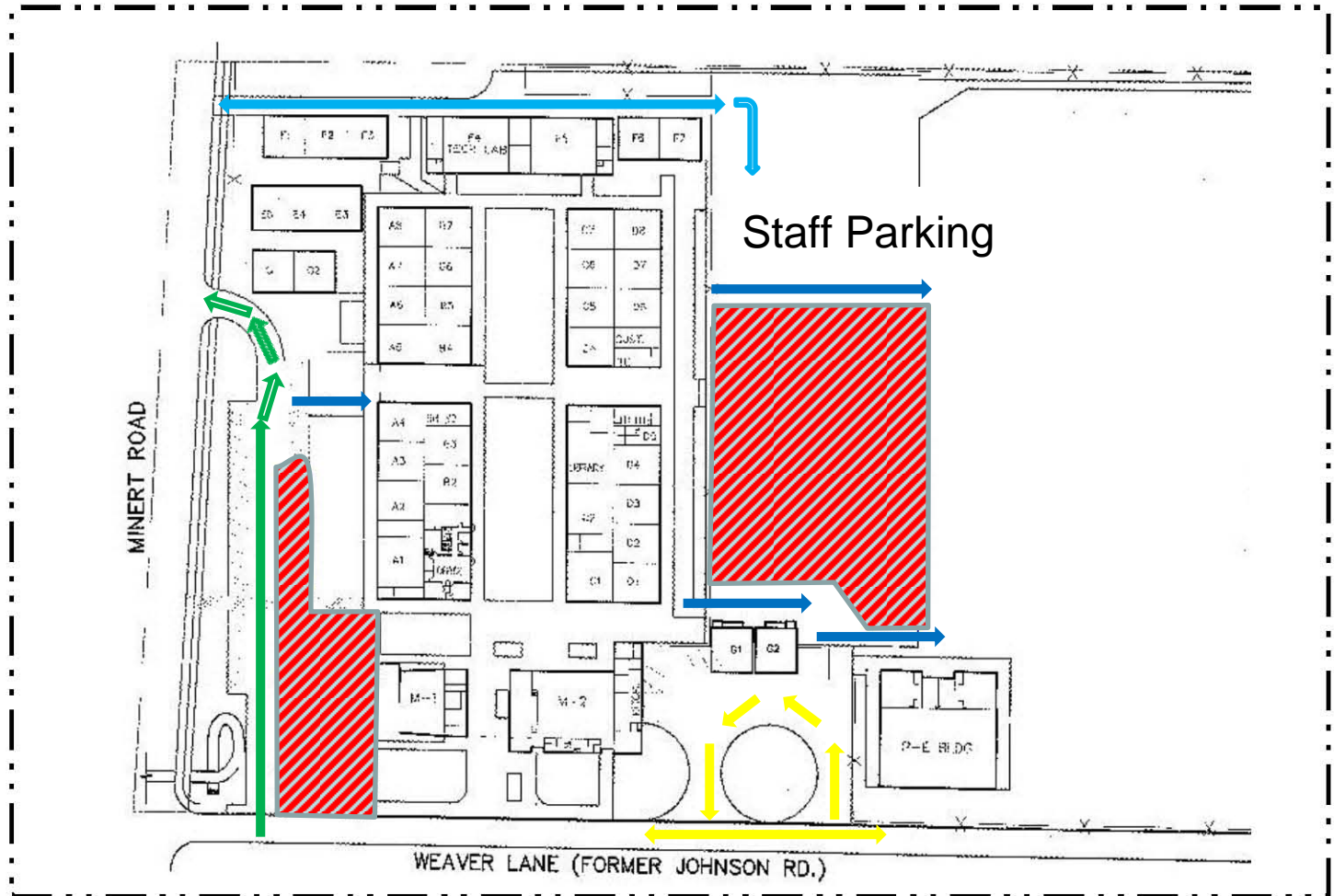
Major Components

-  Electrical Equipment
-  Single Array
-  Double Array

Tentative Site Construction Schedule

 September 2011 to January 2012 (subject to State approval)

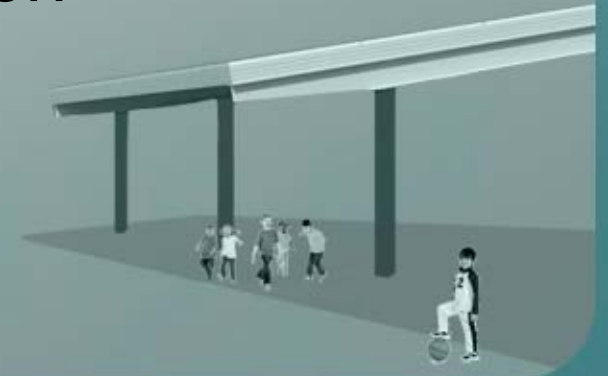
Oak Grove Middle



2010 Measure C

Mitigation and Safety Measures

- Development of Contingency Plans
 - Drop off
 - Pedestrian
 - Parking
- Site Meeting with Administrators
 - All sites in active construction
 - Including all New Administrators
- Contingency Letters for Distribution
- Safety Measures
 - Site Signage
 - “Live” Traffic Controls for start of school





*Steven Lawrence
Superintendent*

Mt Diablo Unified School District

Measure C Facilities Improvement Program
1936 Carlotta Drive, Concord, CA 94519-1397
Telephone (925) 682-8000 ext. 4209

Ayers Elementary School
5120 Myrtle Drive
Concord, CA 94521

Dear Parents, Caregivers, Staff and Friends of the Ayers Elementary School Community:

Mt. Diablo Unified School District is proudly installing what is currently the largest solar power system presently under contract to any K-12 public school district in the nation. The system planned for installation at Ayers is an integral part of a District wide solar program which is projected to result in savings and revenue in excess of 200 million dollars over the next 30 years.

The solar equipment being installed is a "carport" style structure over parking stalls in our parking lot or at the black top area. The biggest impact to the school during construction will be the loss of our parking lot or a portion of the black top area.

July 28, 2011 is the approximate start date for construction. As construction will be ongoing at the start of our regular school year (August 30, 2011), we may experience limited use of our black top area. Our contingency plan will be to use the fields for our P.E. programs.

Your patience and understanding will surely be tested during this difficult period. However, if we take the time to consider the benefits the site and the district will gain in the end, it will surely offset the frustrations and aggravations that we will endure over the next few months.

Our Measure C Team will be working closely with both the site and SunPower to monitor the progress of construction and will take every opportunity to expedite completion of the Project at Ayers Elementary School.

If you have any concerns or questions, please contact Marc Fabie, Project Coordinator, at (925) 825-7440 Ext. 3774 or Brad Hunter, Construction Manager, at (925)-825-4770 Ext.3809.

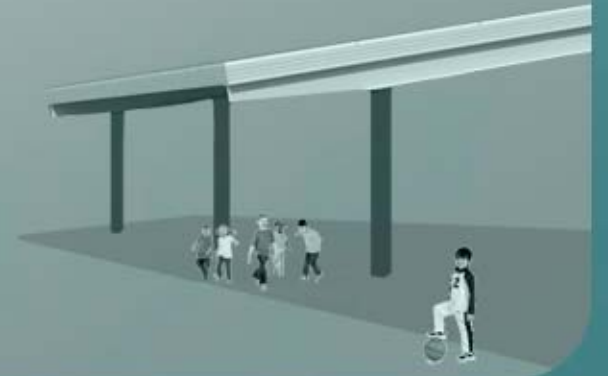
Mitigation and Safety Measures

- Development of Contingency Plans
 - Drop off
 - Pedestrian
 - Parking
- Site Meeting with Administrators
 - All sites in active construction
 - Including all New Administrators
- Contingency Letters for Distribution
- Safety Measures
 - Site Signage
 - “Live” Traffic Controls for start of school





Project Outreach



está tentativamente programada a comenzar en junio de 2011 y terminar aproximadamente en septiembre de 2011. Estalínea de tiempo está supeditada a la oportuna aprobación de diseño por la División del Arquitecto Estatal.

Cambios significantes en esta línea de tiempo serán comunicados a la administración y comunidad de Cambridge Elementary School.

¿Tendrá lugar la construcción durante el día escolar?

Sí. Debido a las restricciones calendarias del programa solar, es necesario que actividades de construcción tengan lugar durante el día escolar regular. Se realizará todo esfuerzo para minimizar perturbaciones causadas por ruido, polvo, e interrupción de servicio. El Distrito y el contratista colaborarán en el significativo ajuste de las actividades durante períodos de exámenes. El trabajo de construcción estará altamente supervisado y, hasta el grado que sea posible, las áreas de construcción estarán bloqueadas de las áreas de actividad escolar. Cumpliendo con los reglamentos del Distrito y los requisitos del Código de Educación, el personal trabajando en el proyecto tiene que suministrar comprobante de chequeo de huellas digitales/antecedentes criminales antes de comenzar la construcción.

¿Cuáles servicios serán afectados? Por ej., ¿teléfonos, electricidad, luces, agua, calefacción, baños, estacionamiento?

Esperamos que ni el personal ni los estudiantes experimenten pérdida de electricidad, calefacción, o agua. No obstante, accidentes ocurren. Si y cuando tales trastornos accidentales ocurran, el gerente de la construcción asignado al plantel y el Distrito responderán inmediatamente. Ya que las estructuras solares serán instaladas en estacionamientos y/o áreas de juego pavimentadas, habrá perturbaciones inevitables en esas áreas en particular. El Distrito y los contratistas trabajarán con el personal del plantel escolar antes de que empiece la

construcción para establecer y coordinar estacionamiento alternativo y un plan para el uso del estudiante con el fin de minimizar la perturbación y pérdida del uso de estas áreas.

¿Quién está a cargo? ¿A quién llamamos si hay preguntas, problemas, o quejas?

Contacte a Pete Pedersen (925) 825-7440, Extensión 3801 o comuníquese con él vía correo-E pedersenp@mdusd.k12.ca.us.

Directiva de Educación

Gary L. Eberhart, Presidente
Sherry Whitmarsh, Vicepresidente
Linda K. Mayo, Miembro
Cheryl Hansen, Miembro
Lynne Dennler, Miembro

Administración

Steven Lawrence, Superintendente
Rose Lock, Asistente Superintendente,
Rendimiento del Alumno y Apoyo
Escolar
Mildred Browne, Dra. en Ed., Asistente
Superintendente, Servicios al Pupilo y
Educación Especial
Julie Braun Martin, Asistente
Superintendente, Servicios de Personal
Bryan Richards, Director
Financiero en Jefe
Greg Rolén, Consejero Jurídico

www.mdusd.org



Impreso en papel reciclado



**Distrito Escolar Unificado
Mt. Diablo**

**Medida C de 2010
Programa de Mejoras a los
Planteles Escolares**

de

**Cambridge
Elementary
School**

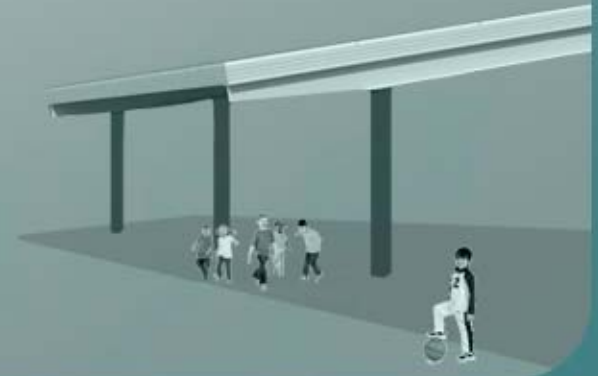


Proyecto Solar

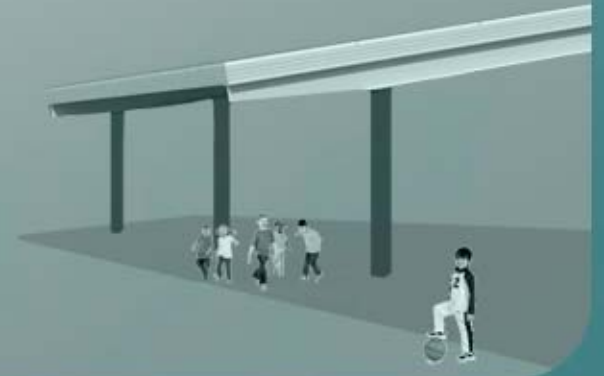


Outreach

- **Personal Contact**
 - Site meetings (including staff and parent)
 - Principal meetings
 - City Managers of Concord, Clayton, Martinez, Pleasant Hill, Walnut Creek, representative from Bay point MAC and Federal Glover
 - Informational Community Meetings (Multiple sites – Scheduling)
- **Contingency Planning**
 - Meetings with Local Police Departments
 - “Don’t forget” letters for each site:
parking, student drop-off, site access,
contingency plans



Project Look Ahead





60 – 90 day ‘look ahead’

- Electrical Interconnection
- Complete Increment #1 system testing
- Complete review, approval and obtain DSA over-the-counter approval on Increment #3A construction drawings
- Complete preliminary review of Construction (CD) drawings for Increment #3B (Metal Roof) sites (anticipated submission late November)



Increment #3 Sites

- 15 Total Sites
- High Schools
 - Moved to Increment #1
- Middle Schools
 - Pleasant Hill, Valley View, [Sequoia](#)
- Elementary Schools
 - Fair Oaks, [Meadow Homes](#), Ygnacio Valley, Gregory Gardens, [Hidden Valley](#), [Pleasant Hill](#), [Mt. Diablo](#), [Sequoia](#), Valhalla, Woodside
- Other Sites
 - Willow Creek





Potential S-5 Sites

Site

S-5 kWp

Meadow Homes(14 CR)

117.72

Hidden Valley(6 CR)

51.01

Mt. Diablo EI (12 CR)

74.56

Highlands (9 CR)

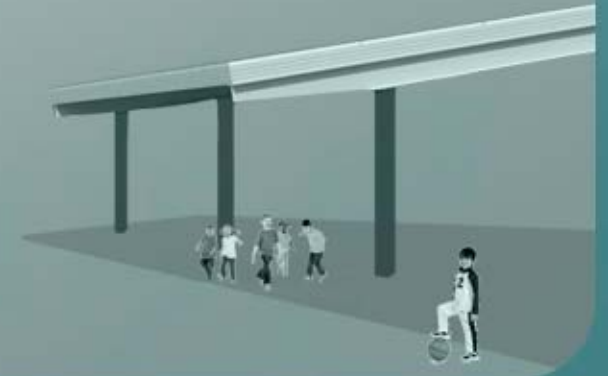
39.24

Pleasant Hill EI(7 CR)

62.78

Sequoia EI(4 CR)

35.32

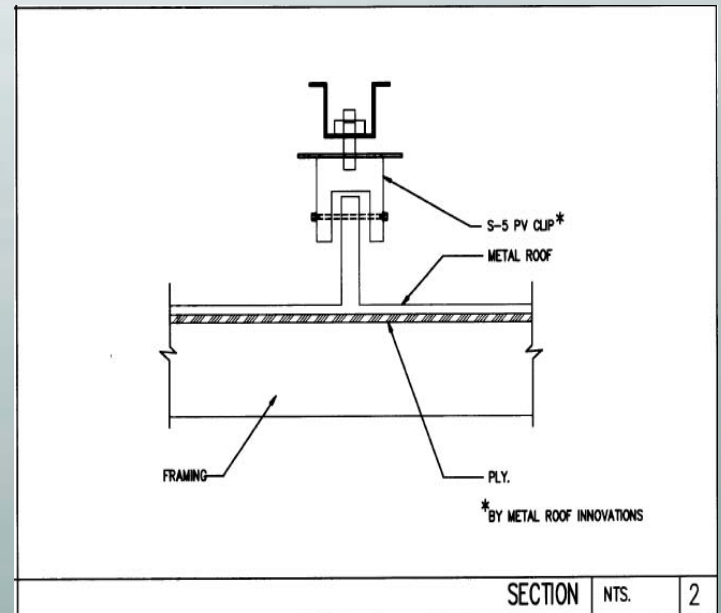
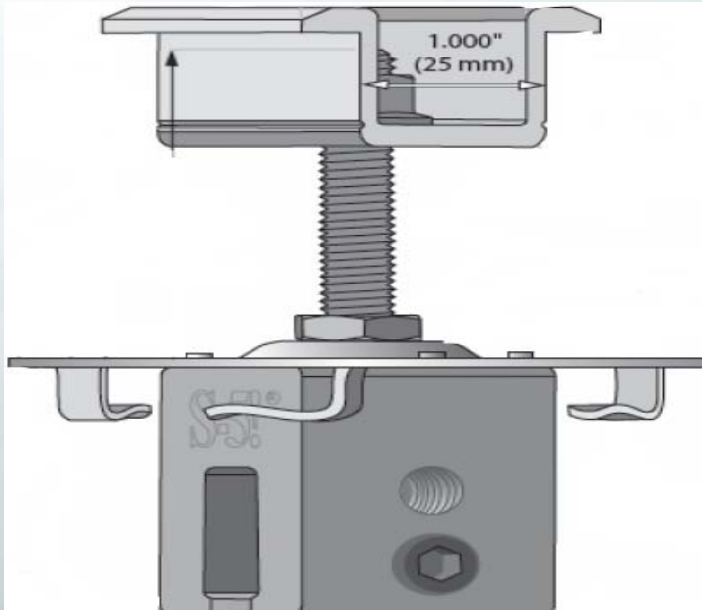


Solar on New Smart Classroom



S-5 PV Kit








(by Metal Roof Innovations, Ltd.)



MDUSD

2010 Measure C Bond Program Schedule

| Task Name | Start | Finish | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------------|-----------------|---------|---|-------------|---|---|-------------|---|---|-------------|---|---|-------------|---|---|-------------|---|---|-------|
| | | | Quarter | | 1st Quarter | | | 3rd Quarter | | | 1st Quarter | | | 3rd Quarter | | | 1st Quarter | | | 3rd Q |
| | | | S | N | J | M | M | J | S | N | J | M | M | J | S | N | J | M | M | J |
| 2010 Measure C | Sun 10/24/10 | Fri 11/30/12 | | | | | | | | | | | | | | | | | | |
| Solar Program | Sun 10/24/10 | Fri 11/30/12 | | | | | | | | | | | | | | | | | | |
| Increment #1 | Sun 10/24/10 | Fri 11/30/12 | ◆ | | | | | | | | | | | | | | | ★ | | |
| Increment #2 | Wed 10/27/10 | Fri 11/30/12 | ◆ | | | | | | | | | | | | | | | ★ | | |
| Increment #3 | Thu 10/28/10 | Tue 7/31/12 | ◆ | | | | | | | | | | | | | | | ★ | | |
| Increment #3B (Metal Roof) | Wed 10/27/10 | Fri 11/30/12 | ◆ | | | | | | | | | | | | | | | ★ | | |

| | | | | |
|--|---|--|--|--|
| Mon 8/22/11 Contact Award Design |  DSA Approval  Construction/Substantial Completion |  Final Completion  Progress |  Calendar  Acceptance | <input style="width: 50px; height: 15px;" type="text"/>  |
|--|---|--|--|--|