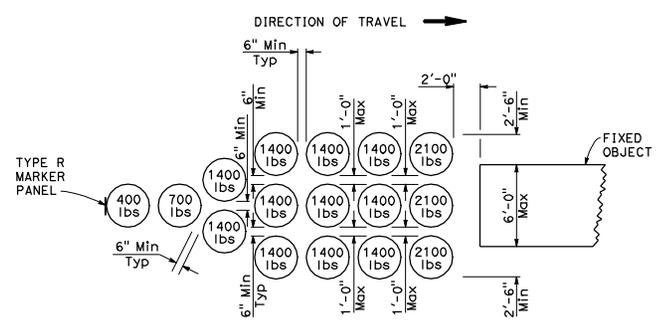
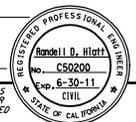
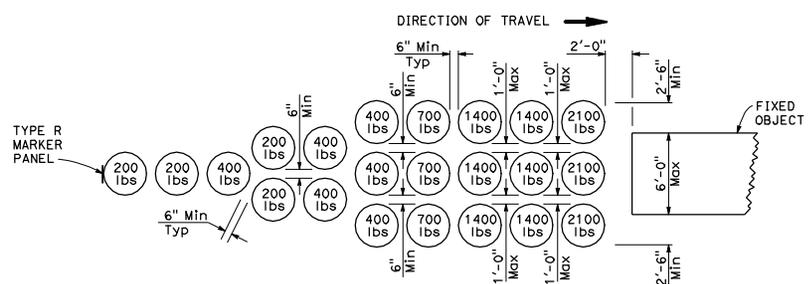


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
<b>Randell D. Hiatt</b> REGISTERED CIVIL ENGINEER					
May 20, 2011 PLANS APPROVAL DATE					
No. CS0200 Exp. 6-30-11 CIVIL					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					



**ARRAY 'U16'**

Approach speed less than 45 mph

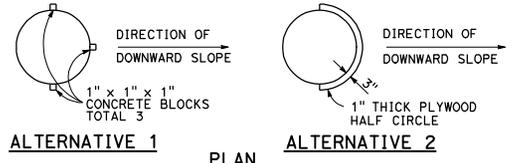


**ARRAY 'U21'**

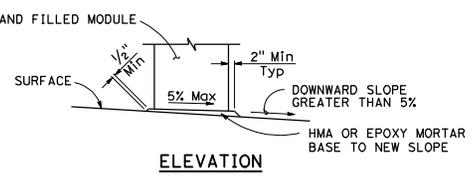
Approach speed 45 mph or more

**NOTES:**

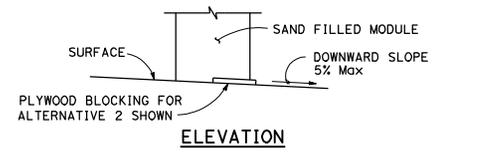
1. (XXX) Indicates module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the modules.
2. All sand weights are nominal.
3. Modules shall be placed on hot mix asphalt, epoxy mortar or concrete surface. Modules to be placed on surfacing with greater than 5% downward slope shall be seated as shown.
4. Weight of sand and outline of each module shall be painted on the surface at each module location.
5. Module blocking, epoxied to the deck surface, is required for all modules placed on bridge decks. Two acceptable alternatives are shown. Other alternatives recommended by the manufacturer and approved by the Engineer will be accepted.
6. Place the top of the Type R marker panel 1" below the module lid.
7. Approach speeds indicated conform to NCHRP Report criteria.



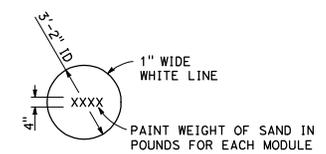
**ALTERNATIVE 1 PLAN ALTERNATIVE 2 PLAN**



**ELEVATION SLOPED SEAT DETAIL**  
(See Note 3)



**BRIDGE DECK MODULE BLOCKING DETAILS**  
(See Note 5)



**PAINTING DETAIL**  
(See Note 4)

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**CRAH CUSHION,  
 SAND FILLED  
 (UNIDIRECTIONAL)**

NO SCALE