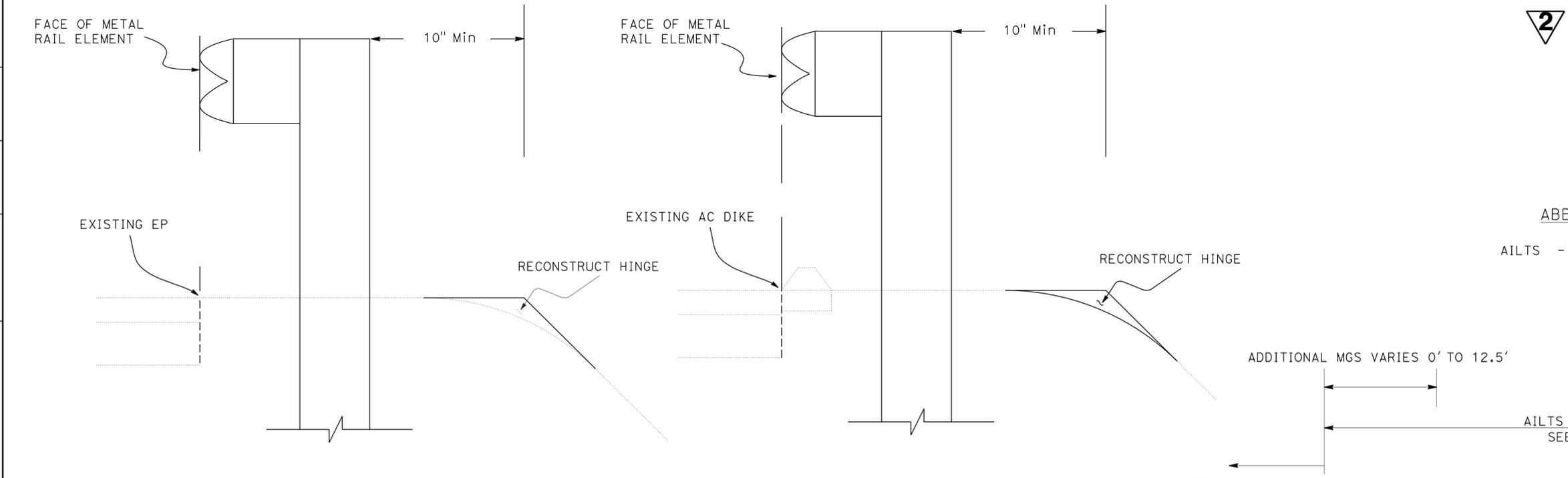


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 FUNCTIONAL SUPERVISOR: STEPHEN WRIGHT  
 TRAFFIC

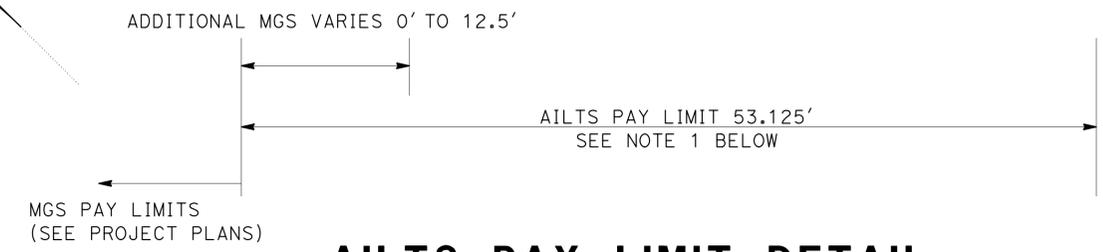


**TYPICAL MGS PLACEMENT DETAILS  
 NARROW ROADWAY INSTALLATION ONLY**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	But, Col, Glm Sut, Yol, Yub	16, 32, 45 70, 113, 162	Var	126	195
			2-10-14	DATE	
REGISTERED CIVIL ENGINEER			DATE		
2-10-14			PLANS APPROVAL DATE		
<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>					

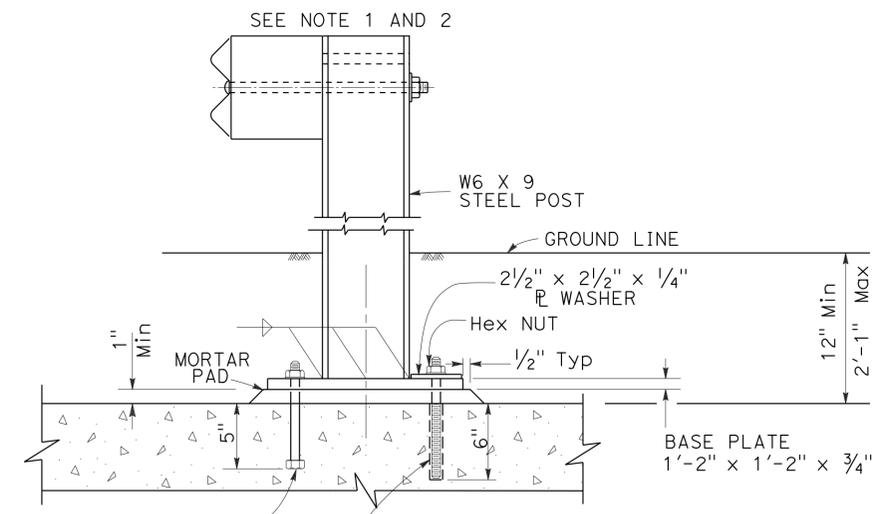
**ABBREVIATION**

AILTS - ALTERNATIVE IN-LINE TERMINAL SYSTEM



**AILTS PAY LIMIT DETAIL**

1. ANY ADDITIONAL EQUIPMENT OR MGS NECESSARY, IN ADDITION TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, TO MEET THE 53.125' LENGTH OF NEED FOR AN AILTS IS TO BE INCLUDED IN THE PRICE FOR AILTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

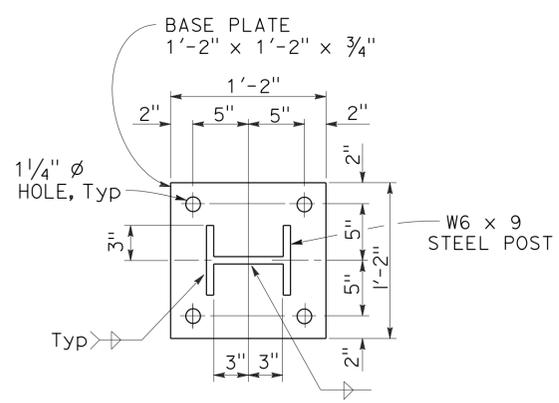


**CAST-IN-PLACE OPTION**

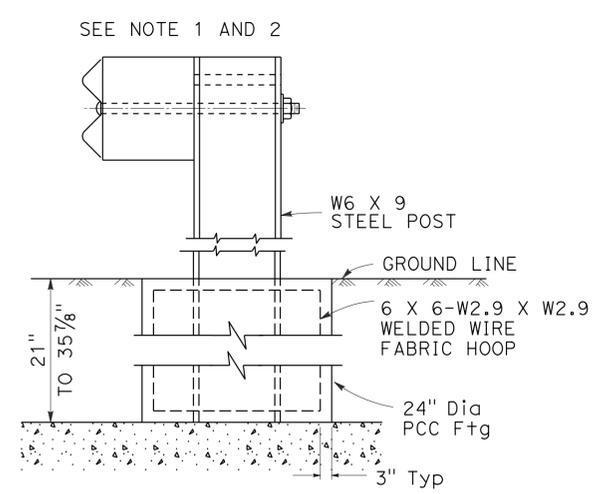
7/8"  $\phi$  x 8" BOLTS WITH Hex NUT, 4 PER POST

**DRILL AND GROUT OPTION**

7/8"  $\phi$  x 9 1/2" CONTINUOUS THREADED ROD GROUTED IN 1 1/4" x 6" HOLE, 4 PER POST



**BASE PLATE PLAN**



**SPECIAL POST FOOTING DETAIL**

1. USE THESE POST FOOTINGS ONLY WHERE STANDARD EMBEDMENT OF RAILING POST AS SHOWN IN DETAILS A AND B ON STD PLAN RSP A77N3 IS RESTRICTED BY UNDERGROUND CONCRETE FACILITIES SUCH AS FOOTING OF WALLS, COLUMNS, DRAINAGE FACILITIES, ETC.  
 2. DO NOT USE MORE THAN 3 SPECIAL POSTS IN SERIES UNLESS OTHERWISE DIRECTED BY THE ENGINEER

**CONSTRUCTION DETAILS**

NO SCALE

**2 REPLACED PER ADDENDUM No. 2 DATED JULY 17, 2014**

**C-109**