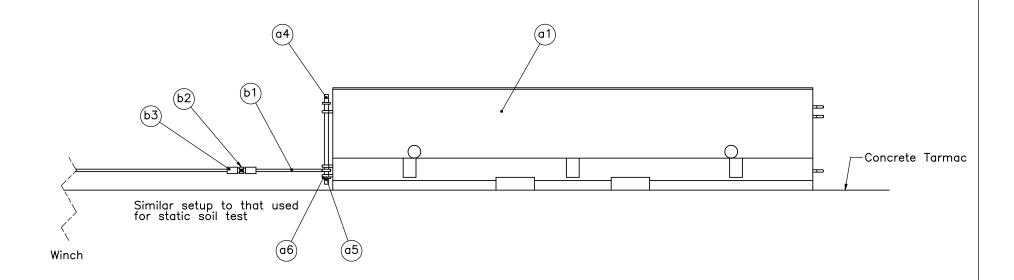
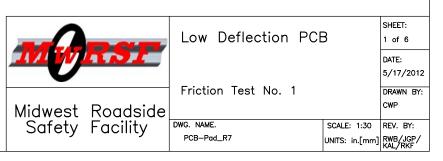
Test No.	Description
1	Standard PCB without bearing pad

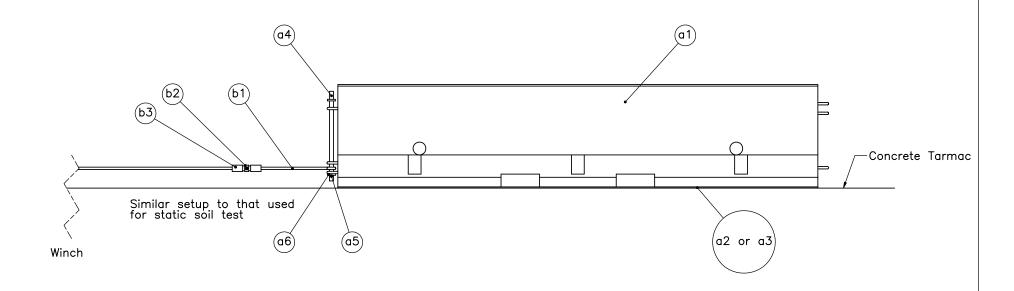


Notes: (1) Static pull test with load cell(s).

- (2) Similar pull setup and speed to that used in static testing of posts in soil.
- (3) Need enough pull distance to allow for barrier to be displaced 4' [1219].
- (4) Clean and brush concrete surface under barrier and in pull path before and after each test.
- (5) Pull cable must not angle upward, but instead it should remain parallel to ground.
- (6) Weigh PCB prior to each test.
- (7) Single JVC camera side view.
- (8) May use two load cells in series if desired for redundancy.
- (9) Determine the static and kinetic frictional coefficients from the testing.

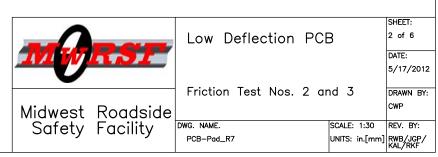


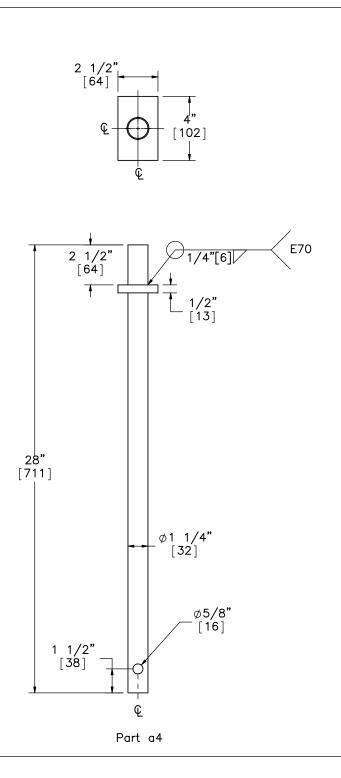
Test No.	Description		
2	Standard PCB with 50 Durometer bearing pad		
3	Standard PCB with 70 Durometer bearing pad		

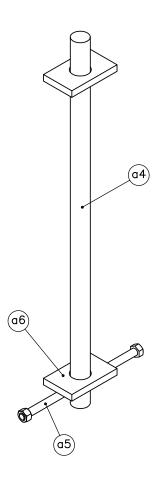


Notes: (1) Static pull test with load cell(s).

- (2) Similar pull setup and speed to that used in static testing of posts in soil.
- (3) Need enough pull distance to allow for barrier to be displaced 4' [1219].
- (4) Clean and brush concrete surface under barrier and in pull path before and after each test.
- (5) Pull cable must not angle upward, but instead it should remain parallel to ground.
- (6) Weigh PCB prior to each test.
- (7) Single JVC camera side view.
- (8) May use two load cells in series if desired for redundancy.
- (9) Determine the static and kinetic frictional coefficients from the testing.

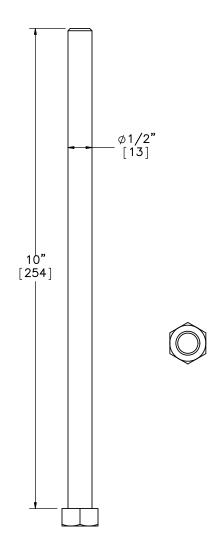




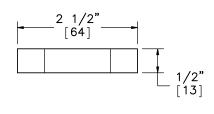


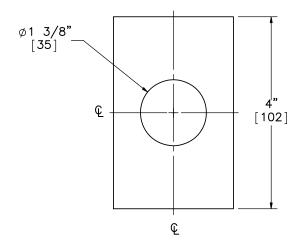


Low Deflection PCI	ection PCB SHEET:	
		DATE: 5/17/2012
Connector Pin Assembl	DRAWN BY: CWP	
WG. NAME. SCALE: 1:6		REV. BY:
PCB-Pad_R7	SCALE: 1:6 UNITS: in.[mm]	RWB/JGP/ KAL/RKF



Part a5

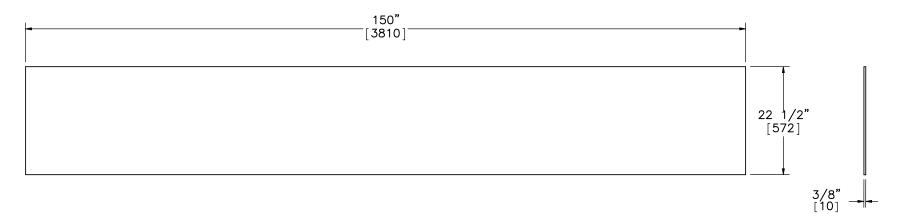




Part a6



Low Deflection PC	3	SHEET: 4 of 6		
		DATE: 5/17/2012		
Connector Pin Compon	DRAWN BY: CWP			
DWG. NAME.		REV. BY:		
PCB—Pad_R7	UNITS: in.[mm]	RWB/JGP/ KAL/RKF		

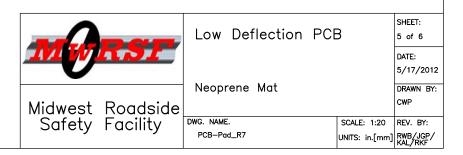


TOP VIEW

Part a2 and a3

Notes: (1) The 50 Durometer and 70 Durometer neoprene materials are sold by both Warco Biltrite and Williams Products.

- (2) Use ChemRex CX-941 Polyurethane adhesive.
- (3) Clean and roughen up concrete surface prior to glueing pad to barrier.
- (4) Refer to adhesive installation instructions for surface preparation, coating, and curing information.



Item No.	QTY.	Description	Material Specification	Hardware Guide
a1	1	Portable Concrete Barrier	min f'c=5000 psi [34.5 MPa]	SWC09
a2	1	150"x22.5"x3/8" [3810x572x10] Neoprene Mat	50 Durometer AASHTO Grade 3 Bearing Pad	_
a3	1	150"x22.5"x3/8" [3810x572x10] Neoprene Mat	70 Durometer AASHTO Grade 3 Bearing Pad	_
a4	1	Connector Pin	ASTM A36	FMW02
a5	1	1/2"-13 Dia. x 10" Long [M13x254] Hex Head Bolt and Nut	ASTM A325 and ASTM A563 DH	FMW03
a6	2	2 1/2"x4"x1/2" [64x102x13] Washer	ASTM A36	FMW03
b1	2	3/4" [19] Dia. Cable	Steel	-
b2	1	50,000-lb Load Cell	N/A	_
b3	2	Load Cell Coupler	N/A	_
_	1	Polyurethane Adhesive	ChemRex CX-941	_

