

Poster Presentation

Pipeline Rupture

Pacific Gas & Electric Company

Natural Gas Transmission Line

San Bruno, California

September 9, 2010

Public Hearing

DCA10MP008

The following four posters were displayed in the NTSB Board Room entry way during the Public Hearing.

Poster 1: Field Sketch of Pipe and Trench

This poster is an illustration based on a CADD drawing of the rupture location. It displays both the plan view and the elevation view of the pipe.

Poster 2: Rupture Location

This poster displays Google Earth images of the neighborhood affected by the rupture. It contains a map showing PG&E's Line 132; a pre rupture image of the neighborhood and a post rupture image of the neighborhood with the rupture site, destroyed properties and damaged properties annotated; and a close up view of the rupture site.

Poster 3: North End of Center Section

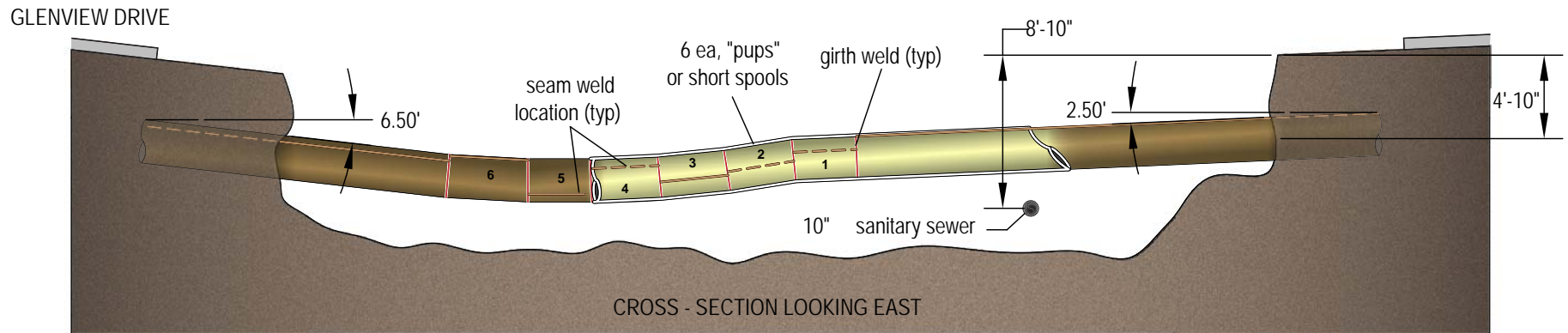
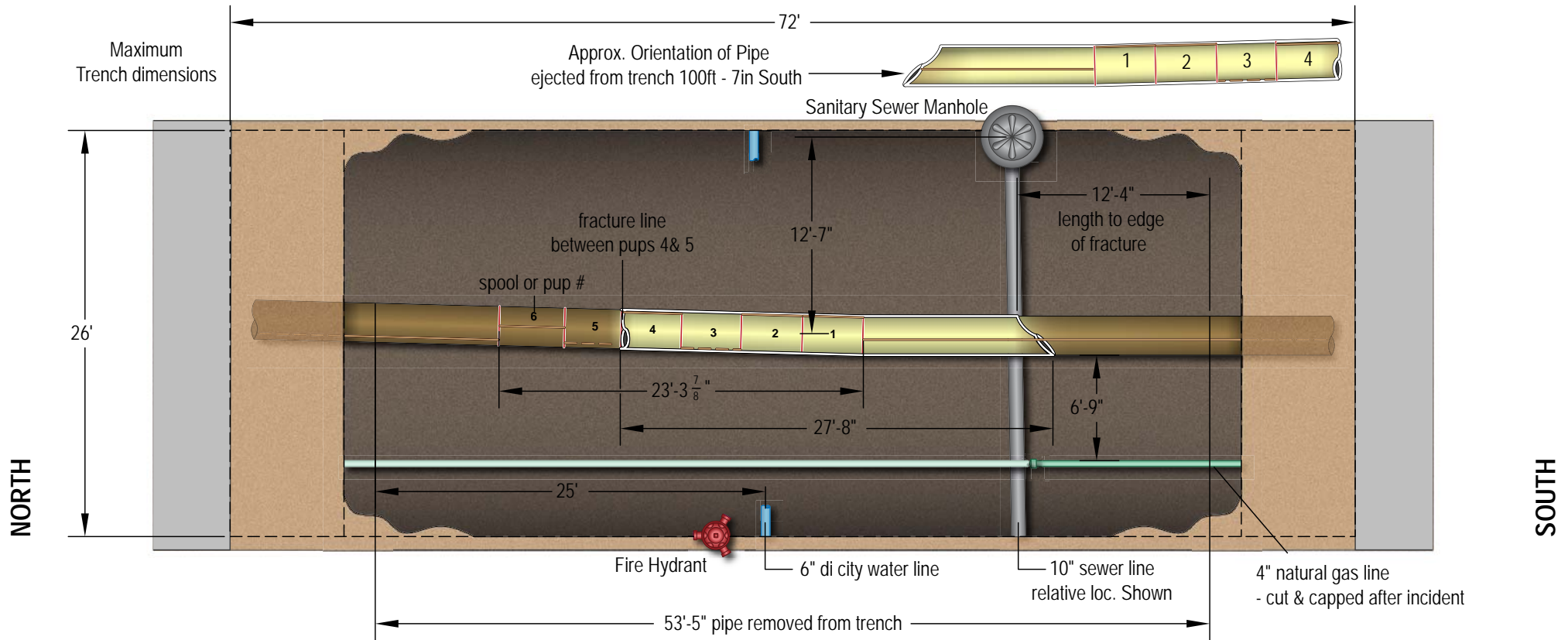
This poster displays a photo of the North end of the center section. The circumferential fracture is actual size.

Poster 4: Center Section

This poster displays the center section with the girth welds and the pups annotated. It also displays two micrographs, one of the initiation site and one of the mating fracture.

Field Sketch Of Pipe And Trench

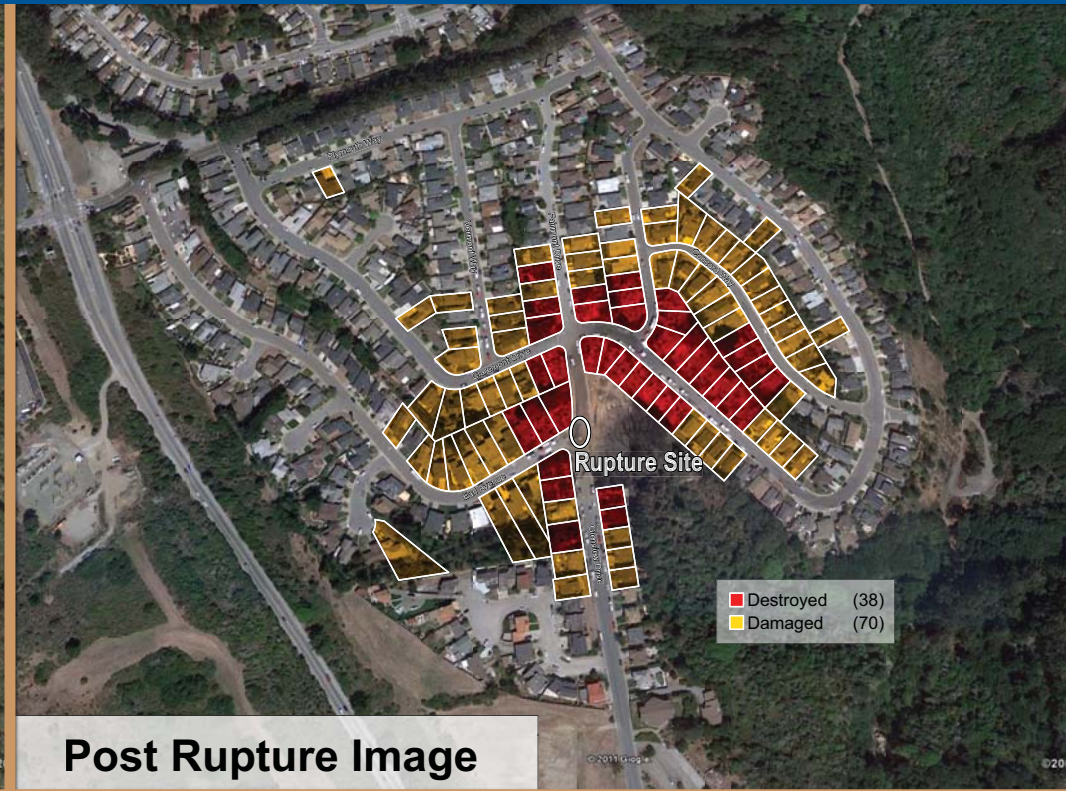
NOT TO SCALE



Locations are from the City of San Bruno survey, NTSB field measurements and photos.
 *2.5 deg measured from PC&E surveying drawing (NTSB_031-001).
 Pup length taken from lab report; pup millers and install based on relative incline of 1132 at n & s ends of the trench.
 Long seam positions have been taken from the lab factual report.



Rupture Location



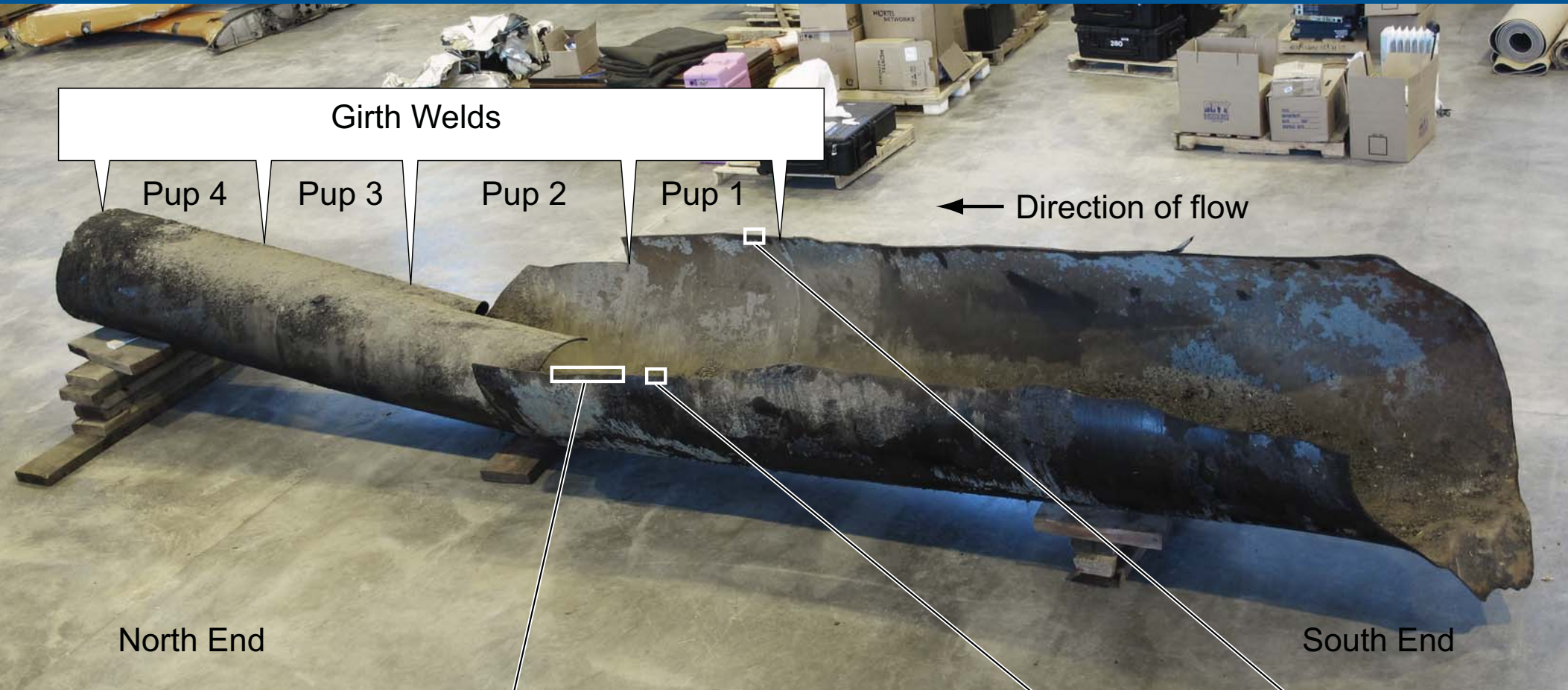
North End of Center Section



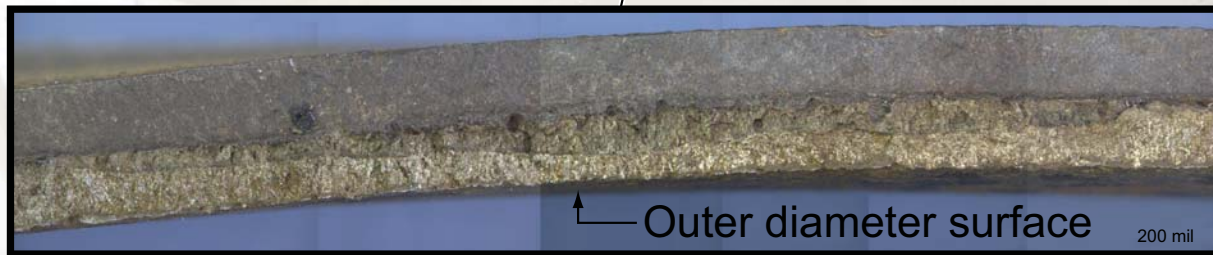
circumferential
fracture is actual size



Center Section



Micrographs



Initiation Site



Mating Fracture Cross Section

