Pipeline Slope Monitoring

CROSS SLOPE VIEW

SECONDARY ENCLOSURE
F

C DT2055B DATA LOGGER (with antenna)

DT2485 "DT-BUS" DATA LOGGER (with antenna) **E**

F

flexDAQ DATALOGGERS

BACKFILL MATERIAL

STRAIN GAUGE SPOT WELDABLE LOW PROFILE (x3).
(a 4th Strain Gauge, at 180°, may be used in some applications) **A**

0°
270° 90°

TRENCH (to install gauges)

FLEXDAQ DATA LOGGER (with external antenna and solar panel, for RSTAR Wireless Data Collection)
G

INCLINOMETER SYSTEM or IN-PLACE INCLINOMETER (as shown) **D**

INCLINOMETER CASING **H**

Measurand ShapeArray (SAAV) (inside inclinometer casing) **I**

B PIEZOMETER

PIPELINE

SIDE VIEW

FLEXDAQ **G**

A STRAIN GAUGE SPOT WELDABLE, LOW PROFILE (x3)
(a 4th Strain Gauge may be used in some applications)

Geo-Acoustic Aware (GAA)
J

SECONDARY ENCLOSURE (housing a DT Series Data Logger with antenna for RSTAR)
F

F
E

C

PIPELINE

PIEZOMETER **B**

A

INCLINOMETER CASING **H**

INCLINOMETER SYSTEM or IN-PLACE INCLINOMETER (as shown) **D**

Measurand ShapeArray (SAAV) (inside inclinometer casing) **I**

C

** DRAWINGS NOT TO SCALE

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