



#### NOTES:

1. DEFLECTION OF STRIP TO BE AS GRADUAL AS POSSIBLE.
2. PIPES SHOULD BE OUTSIDE OF REINFORCED SOIL ZONE WHENEVER POSSIBLE.
3. PLACE STRIP EITHER ABOVE OR BELOW PIPE.
4. STRIPS SHALL BE PLACED ON COMPACTED FILL.
5. MAXIMUM PIPE SIZE WITHIN REINFORCED SOIL ZONE SHOULD BE LIMITED TO 24"Ø TO MINIMIZE OBSTRUCTION OF REINFORCEMENT LEVELS, WHICH ARE TYPICALLY AT 33" MAXIMUM SPACING PER AASHTO.

REINFORCED CONCRETE PIPE O.D. (IN.)	DIM. "D" EDGE OF PIPE TO BACK FACE OF PANEL (FT.)
10 1/2"	3.1'
13"	3.3'
16"	3.7'
19 1/2"	4.1'
23"	4.5'
26 1/2"	4.9'
30"	5.3'

THIS TABLE IS BASED ON THE ASSUMPTION THAT THE CENTER OF THE PIPE IS ALIGNED WITH THE CENTER OF THE TIE STRIP.

## STRIP DEFLECTION DETAIL AT PIPES

#### IMPORTANT NOTE ABOUT DIMENSIONS

Dimensions used in this document are for illustrative purposes only and may vary slightly from precise design or fabrication dimensions due to English/Metric conversion or due to simplification appropriate to the guideline character of this manual. When required for design, precise dimensions (each project uses either English or Metric) should be obtained from contract plans or directly from Geoquest USA. Geoquest USA reserves the right to change the dimensions of fabricated materials as needed.



STRIP DEFLECTION DETAIL  
AT PIPES

FIGURE NO.

RS.AT.PIPE

DATE

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