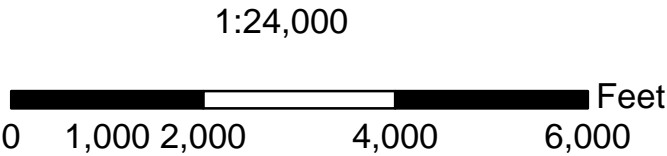


\* Travel time is measured from the initiation of breach formation to the time the breach wave arrives at the section.

The inundation area was developed based on a breach with the water surface at the Top of Dam elevation. Cross Sections were developed using 2-meter LIDAR data.



Attachment 1:  
Inundation Area  
Boundary Map

| REVISIONS |          |       |
|-----------|----------|-------|
| DATE      | APPROVED | TITLE |
|           |          |       |
|           |          |       |

| Date       | Designed | Drawn | Checked | Approved |
|------------|----------|-------|---------|----------|
| 06/20/09   | EWR      | DMM   | JW      | AGB      |
| 07/10/2009 |          |       |         |          |
| 06/20/09   |          |       |         |          |
| 06/20/09   |          |       |         |          |

LONE STAR LAKE DAM  
DDG-0014 NID-KS02540  
DOUGLAS COUNTY, KANSAS



|              |
|--------------|
| File Name    |
| Drawing Name |
| 07/10/2009   |
| Sheet 2 of 2 |