SARM Phase II
Alcoa Aluminum
Plant Dike
Corporate Values
Quality – Safety – Service
Accountability – Team Work

Clients & Projects
FEMA Disaster Relief & Clean-up
NAVFAC & US Navy Construction
USACE Construction
Location of Dike around W Rincon St & N Smith St
Cross Section of a typical section of dike
Safety

• Safety is the Number 1 Concern
• Fencing around much of the site to separate construction from public areas
• Utilize all safety standards from OSHA, CalOSHA, USACE, and best practices.
• On-Site Health and Safety Officer
• Maintain barricades and patrol construction site areas.
Traffic

- Traffic mainly to consist of semi-trucks & occasionally heavy construction equipment
- Traffic Control flaggers to help manage traffic flow
- Equipment and Truck Crossings on: Aviation Dr, Rincon St, & Auburndale St
- Heavy haul traffic through the dirt parking lot for Butterfield Park.
Environmental Protection

- Environmental Manager On-site
- Sound wall to protect the habitat of nesting birds
- Best practices for storage and service of equipment and materials
- Containment & Protection of Stormwater
- Air Quality protection from dust and noise
Job by the Numbers

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
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<tbody>
<tr>
<td>3 Dikes to be built</td>
<td>1500ft-2500ft long and 20ft-40 ft in height</td>
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<tr>
<td>~500,000 cy of dirt to be moved. This is over 41,000 Semi-truck Loads</td>
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<td>During peak periods this is ~300 truck trips/day</td>
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<td>Anticipated completion Spring 2020</td>
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<tr>
<td>Majority of Heavy Construction work</td>
<td>March-November</td>
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Location of Haul Route
Schedule
Key Times & Durations

Total Job
Dec. 2018 – Apr. 2020

Utility Improvements
Feb.–Sep. 2019

Dike 2 Construction
Mar.–Dec. 2019

Mid December
Mobilization & Site Prep

Jan.–Sep. 2019
Dike 1 Construction

May 2019 – Feb. 2020
Dike 3 Construction
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