



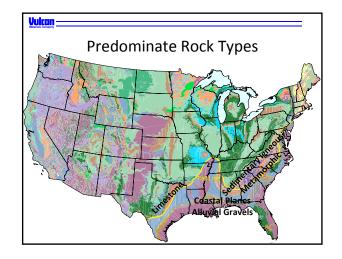
SO, why is it called the Aggregate "Fall Line"

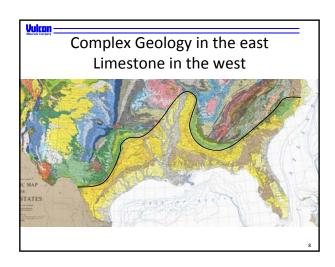
• It's not because Rock "Falls" down hill – (Even though it does)

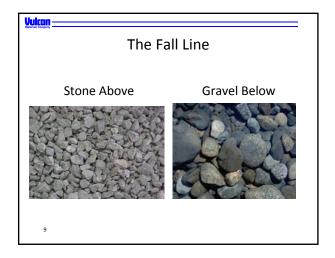
• It's because water does.......



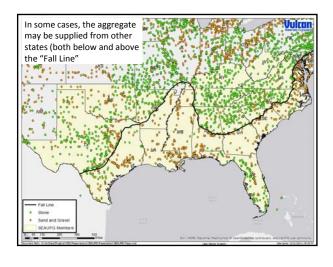


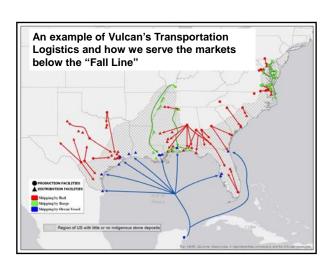








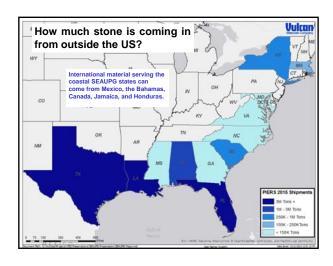


















Things to consider regarding the specifying of aggregates...

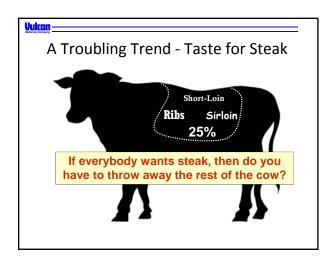
- Local availability of geology type (Class A / High Skid)

- High demand of one size causes an unbalanced quarry production

• Increase waste

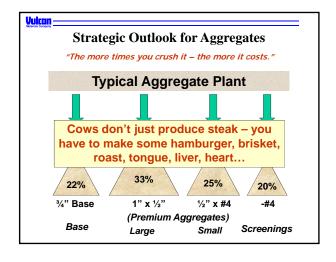
• Increase cost

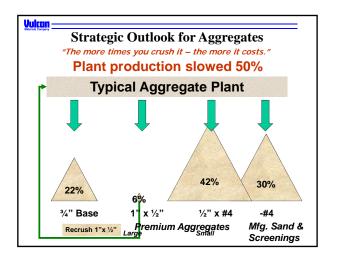
• Reduce availability



Aggregate Producers Serve Several Customer Groups

• Asphalt Plants
• Ready-Mix Concrete Plants
• Paving Contractors
• What happens when everybody wants steak?
• Commercial Building Contractors
• Government
• Agriculture





Vulcan

Eating just Steak

(demand for one size aggregate)

- Additional operating costs for longer or additional shifts
- Less product available for other customers
- Demand for more clean stone that requires the plant to run "out of balance"
- Less base & screenings used causing more product that can't be sold

Vulcan

SO... What is short and why? Or is it?

- High Skid Rock or (Class A)- is a special geology and not always in the right place
 - Many locations- it's available but at a higher cost
- High demand for one size rock (1/2" to No.4)
 - Buying only steak drives up the cost

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What is the aggregate mining industry doing about it?

- Adding capacity at existing facilities
- Adding re-crush circuit to produce more ½"
- Adding new quarries (very expensive!)
- Adding transportation networks (very expensive!)

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What can the DOT's do about it?

- Specify mixes requring different sizes... (not likely)
- Give the industry an advanced estimate of product types and sizes required for coming statewide planning, as early as possible.

Vulcan

Lets have a BLAST !!



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Vulcan

Lets have a BLAST!!

• https://youtu.be/eHwo02KaJtU

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