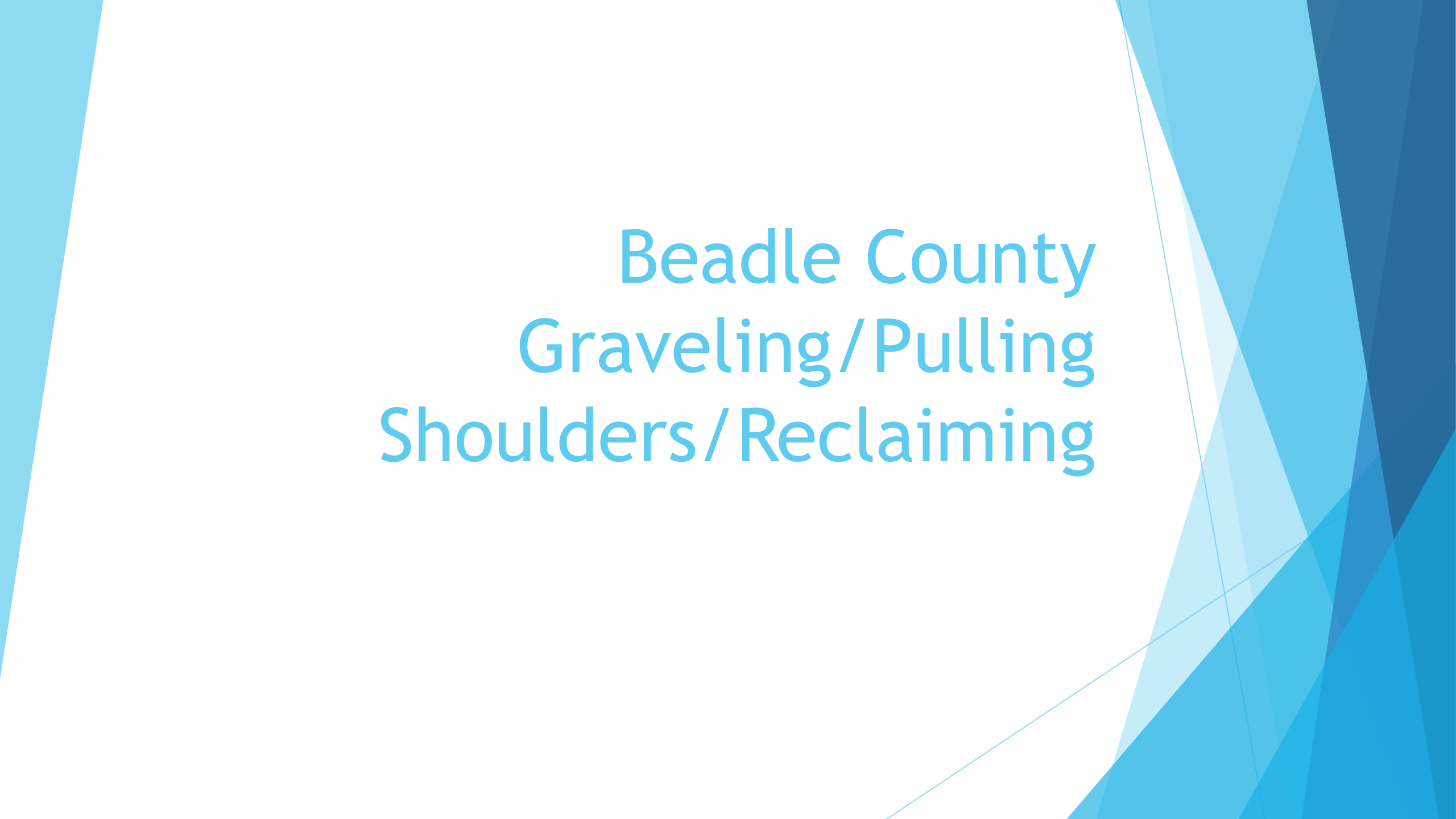


The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, creating a modern, architectural feel. The central area is a plain white space where the text is located.

Beadle County Graveling/Pulling Shoulders/Reclaiming

Gravel Road Maintenance

- Beadle County maintains 355 miles of gravel roads
- Our operation has 5 motor graders to cover the miles
- All miles are on a 2-week blading schedule set by each operator
- We gravel approximately 15,000 tons of gravel each year
- Very Rarely do we spot gravel
- We gravel in 2" depths compacted
- Most gravel in recent years is crushed right in our county
- We crush gravel to state surface gravel 3/4minus spec
- Sample every thousand ton for first 5,000 and every 10,000 after that
- I show up at the pit while crushing and sample frequently to keep them honest
- Our road graveling plan directly correlates with our road regrade program and our full pull shoulder pulling plan.
- Generally, with roadway widths getting over 28 feet and have lost their crown we aggressively pull and re-slope to get the roadway back to 24 feet wide at 4.0%+
- On an average year we full pull or regrade around 12 miles we have done up to 18 in one year.
- Our graveling process also is vey dependent on ADT along with surface stabilization which we have just started incorporating into our high traffic gravel surfaces. (250 + ADT)
- We reclaim gravel shoulders on all miles every spring.

Equipment

- It takes all kinds
 - Use what you have and improve from there
- We have done everything from purchase to fabricate our own tools and attachments



Motor Graders

- Beadle County has 4 Cat 150's all with packers
- 1 John Deere 772GP with packer
- All have 16-foot mold boards
- All are AWD
- All operators have carbide; bit boards and regular heat treaded steel cutting edges available to them.

Truck and Trailer Combo

- 6 Combos hauling 27 tons each





John Deere 12 farm disc

Road Rager

3-point reclaimer disc
Also have a mold board mounted



Mulcher



2- 5,000 gal
Water
trucks







The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the right side of the image, creating a modern, dynamic feel.

Thank you,

Jason Fritzsche Beadle County Highway Superintendent