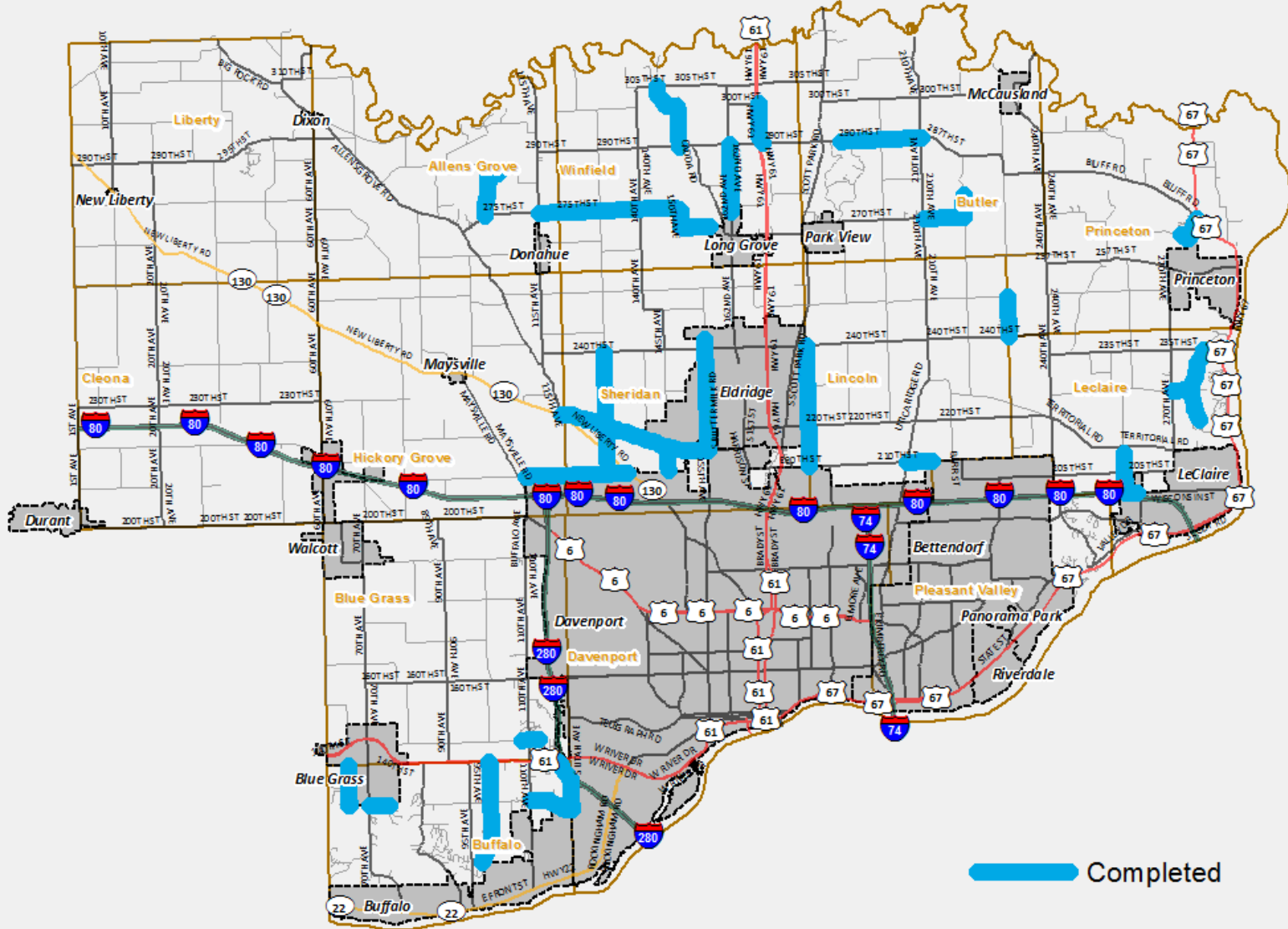
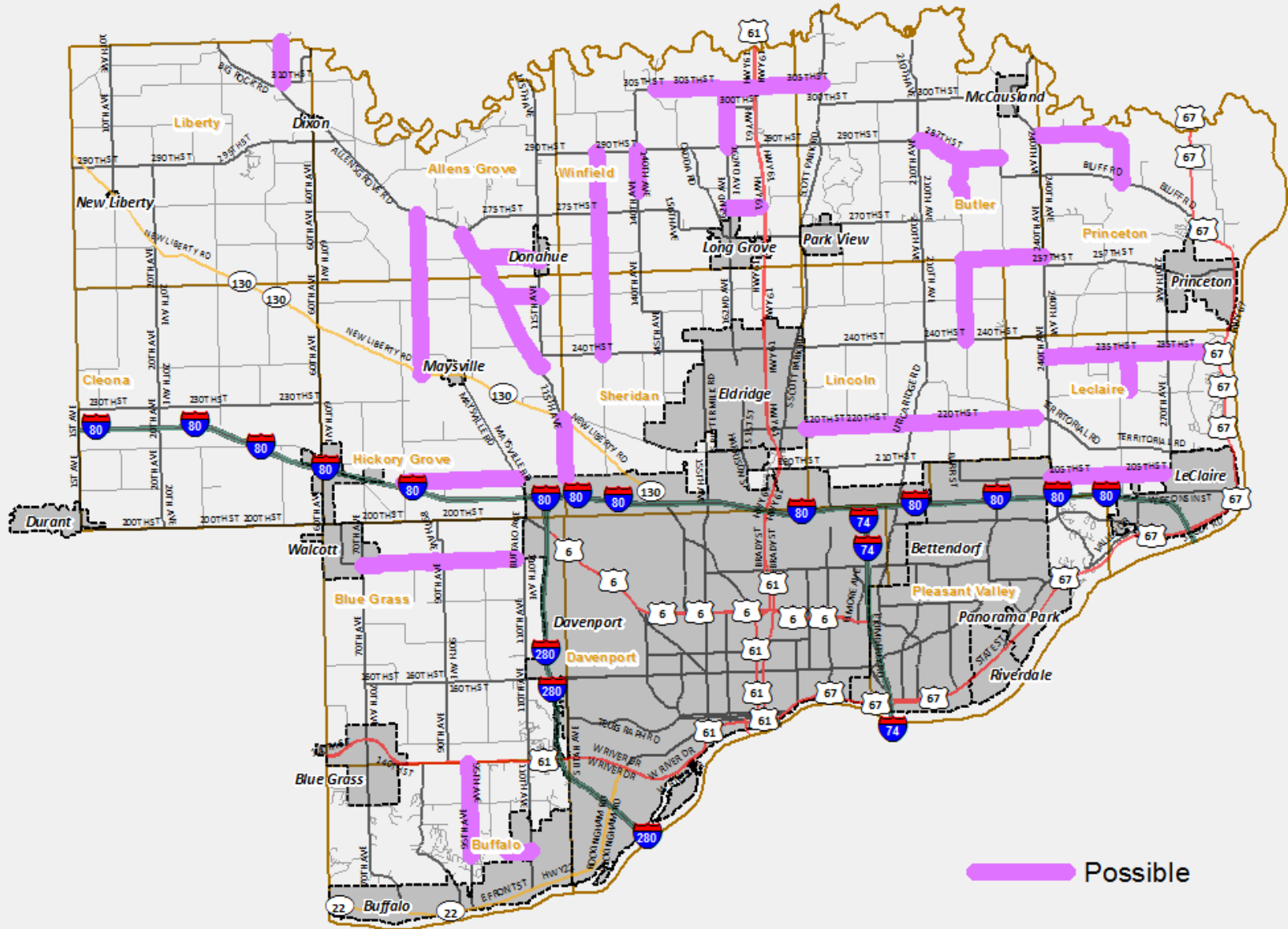


Scott County
Macadam and Stabilized Base
Programs



We have had a Macadam Program since 1980. In 35 years we have done 28 Projects totaling 46 miles.



— Possible

We still have 28 Projects on our list of Possible Projects.

We are at a point where the projects on our “possible” list are not gaining points as quickly over time as they have done in the past.

A couple of things contribute to this; Higher gas prices resulting in fewer miles driven, Slower residential growth in the County. Gas prices are in decline now so we will continue to watch our possible projects.

So it is coming down to not doing a new Macadam every year. This actually works out pretty well because our older Macadams are in need of resurfacing.

The number one problem for our County Residents is dust. So, as our Macadam program slowed down, we started looking at alternatives to Macadam and we developed the Stabilized Base Program.













Completed Project in May



After 6 Months No Blading



After 6 Months No Blading



First Time Bladed after 6 months



Bladed After 6 Months



Two weeks After Blading



Two weeks After Blading

The Purpose of this Program is to reduce Maintenance in order to Save Dollars for the County so we can use those Dollars on other Projects. We select high maintenance roads, apply the product, and do very minimal maintenance resulting in lower costs.

The residents notice what we do and they call us wanting it on their road. It doesn't matter which program we use, they just want to get out of the dust. So that is why we have some projects that are shown on both programs. This means that we need to have a method to evaluate the road in order to determine, first, if the road would qualify based on traffic, number of trucks, residents and the rest of the criteria and second which program do we use in order to result in the desired cost savings and maximize safety.

Base Stabilization Rating System

I. TRAFFIC COUNT			
	A	VPD >300	Points 20
	B	250-299	15
	C	200-249	10
	D	<200	5
II. MAINTENANCE BENEFIT TO COUNTY			
		Benefit	
	A	High	20
	B	Moderate	15
	C	Low	10
III. PROVIDE SPECIAL SERVICE TO -			
	A	Recreational (Parks) - Quarries - Major Business	10
	B	Small Business - Subdivisions - Towns - Churches - Schools - Cemeteries	5
	C	Houses Only	0
IV. HOUSES SERVED (ADJACENT TO ROAD/ML) + (SUBDIVISIONS)			
	A	>50	15
	B	35-49	10
	C	<35	5
V. TRUCK TRAFFIC (DUST)			
	A	> 20%	5
	B	10-19%	2
	C	<10%	0
VI. SAFETY BENEFIT			
	A	High	5
	B	Moderate	2
	C	None	0

Macadam Rating System

I. TRAFFIC COUNT			
	A	VPD >300	Points 20
	B	250-299	15
	C	200-249	10
	D	<200	5
II. MAINTENANCE BENEFIT TO COUNTY			
		Benefit	
	A	High	20
	B	Moderate	10
	C	Low	5
III. PROVIDE SPECIAL SERVICE TO -			
	A	Recreational (Parks) - Quarries - Major Business	20
	B	Small Business - Subdivisions - Towns - Churches - Schools - Cemeteries	10
	C	Houses Only	5
IV. HOUSES SERVED (ADJACENT TO ROAD/ML) + (SUBDIVISIONS)			
	A	>50	20
	B	35-49	15
	C	25-34	10
	D	<25	5
V. FITTING INTO SYSTEM			
	A	Access to State or Major Collector	15
	B	Access to Minor Collectors	10
	C	Access to FM or Macadam	5
	D	No Tie In	0
VI. TRUCK TRAFFIC (DUST)			
	A	> 20%	5
	B	10-19%	2
	C	<10%	0
VII. SAFETY BENEFIT			
	A	High	5
	B	Moderate	2
	C	None	0

So now we have two choices for improving our gravel roads; Macadam base with HMA paving and Stabilized Base. Both programs get the residents out of the dust but that is only a side benefit, not the reason for doing the project. Our reasons are to improve our system in order to get the people from point A to point B quickly and safely and to reduce our costs of maintaining our roads.

At this point in our programs, I believe that we should take the dollars we have been using to build new Macadam and combine it with some of the new gas tax dollars and resurface our older Macadam Roads. We should also continue with the Stabilized Base program so the dollars saved can be redirected to other projects.