

HIGHLANDS COUNTY BOARD OF COUNTY COMMISSIONERS
Tuesday, June 20, 2023
1:30 PM
600 S. Commerce Ave. Sebring, FL 33870
AGENDA

A Special Workshop Meeting of the Highlands County Board of County Commissioners for the purpose of discussing roadway infrastructure and maintenance funding

(Please turn off pagers and cell phones)

1 MEETING CALLED TO ORDER

2 INVOCATION:

3 PLEDGE OF ALLEGIANCE

4 PUBLIC COMMENTS

5 ROADWAY INFRASTRUCTURE & MAINTENANCE WORKSHOP DISCUSSION

5.A *Roadway Infrastructure Workshop on the Funding and Maintenance Needs of Highlands County*

Jonathan Harrison, Road & Bridge Director
JD Langford, County Engineer/Department Director
Fiscal Impact will be determined by the Board.
[Roadway Infrastructure Presentation.pptx](#)

6 ADJOURN

Any person who decides to appeal any decision made by this Board of County Commissioners of Highlands County, Florida, in public hearing or meeting is hereby advised that he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record will include the testimony and evidence upon which such appeal is to be based.

The Board of County Commissioners of Highlands County, Florida, does not discriminate upon the basis of any individual's disability status. This non-discrimination policy involves every aspect of the Board's functions, including one's access to, participation, employment or treatment in its programs or activities. "Anyone requiring reasonable accommodation as provided for in the Americans With Disabilities Act or Section 286.26 Florida Statutes should contact Human Resources, ADA Coordinator at: 863-402-6509 (voice), or via Florida Relay Service 711, or by e-mail: hrmanager@highlandsfl.gov." Requests for CART or interpreter services should be made as soon as possible but no later than 48 hours in advance to permit coordination of the service.

Please note our new website address: www.highlandsfl.gov/

Any invocation that may be offered before the official start of the Commission meeting shall be the voluntary offering of a private citizen, to and for the benefit of the Commission. The views or beliefs expressed by the invocation speaker have not been previously reviewed or approved by the Commission, and the Commission is not allowed by law to endorse the religious beliefs or views of this, or any other speaker.

**HIGHLANDS COUNTY
COUNTY COMMISSION AGENDA ITEM**

DATE OF ACTION REQUEST: June 20, 2023

**PRESENTER: Jonathan Harrison, Road & Bridge Director
JD Langford, County Engineer/Department Director**

**SUBJECT/TITLE: Roadway Infrastructure Workshop on the Funding and Maintenance Needs of
Highlands County**

STATEMENT OF ISSUE

Discussion of the status of the County's roadway infrastructure, including availability of grant funding and required maintenance.

RECOMMENDED ACTION

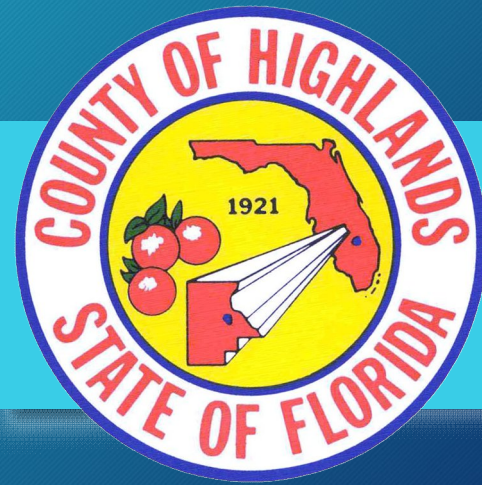
No recommended action

FISCAL IMPACT

Fiscal Impact will be determined by the Board.

Attachments: [Roadway Infrastructure Presentation.pptx](#)

Highlands County BCC



OUTLINE



- Roadway Infrastructure Data
- Existing & Upcoming Grant Funded Projects
- Maintenance Information
- Capital Improvement Outlook
- Revenue Sources
- Pending Issues
- Highlands County Workplan

Roadway Infrastructure Data



- 1,128 centerline miles of roadway
 - 948 miles of paved roadway
 - 180 miles of unsurfaced roadway
 - About the distance from Sebring to New York City
- 36 bridges
 - About 3.5 miles of guardrail (adjacent to bridges & roadways)

Roadway Infrastructure Data



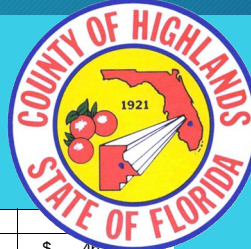
- 36 miles of sidewalks & multi-use paths
 - Not including paths/sidewalks maintained by Parks & Recreation
 - Nautilus in Avon Park Lakes (1.5 miles)
 - Not including multi-department maintained paths
 - Hammock Trail along Hammock Rd (3 miles)

Existing & Upcoming Grant Funded Projects



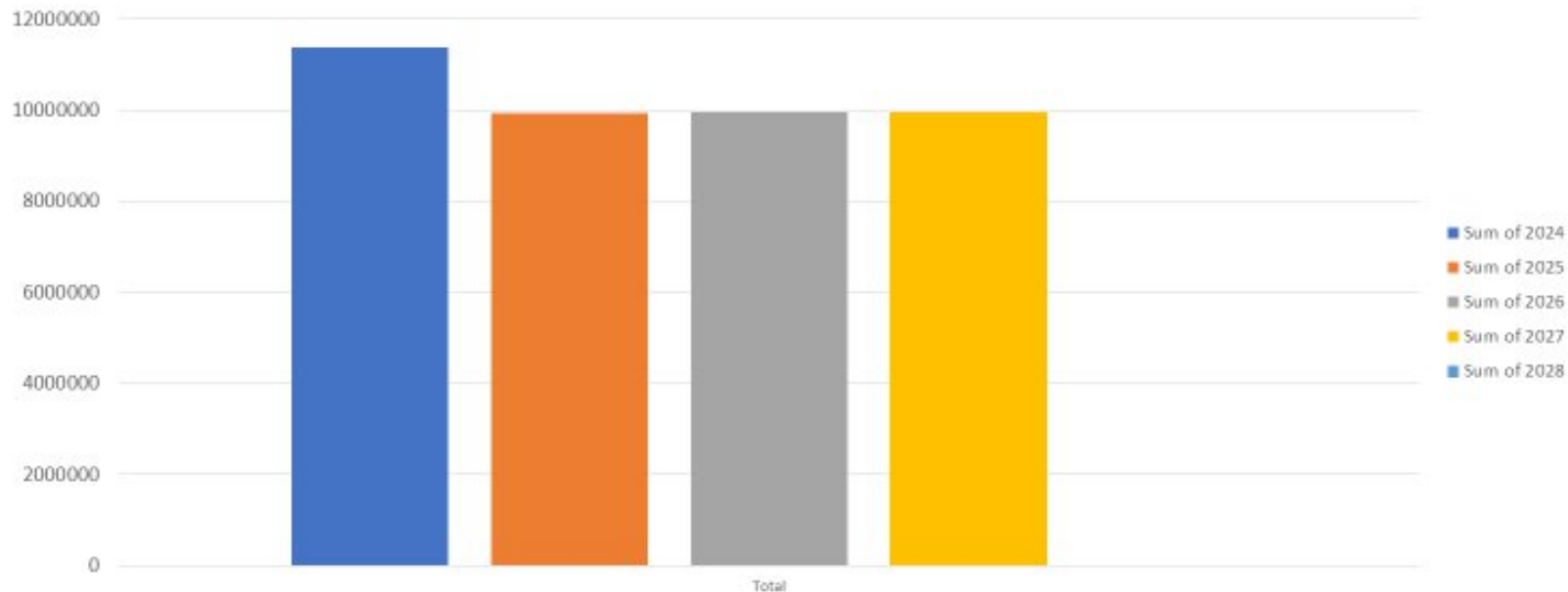
FY 22/23											
4417391/19016	Sun 'N Lake Blvd - W of Columbus Blvd to E of Columbus Blvd	Sidewalk	Kenya Anderson				22/23	Ongoing	\$ 196,253.00		\$ 196,253.00
4350671/17034	Memorial Dr - Pompano Dr to Sebring Pkwy	Sidewalk	Kenya Anderson				22/23	Ongoing	\$ 1,361,456.00		\$ 1,361,456.00
4450711/TBD	Manatee Dr - SR 17 to Sebring Pkwy Phase III	Widen/Resurface Existing Lanes					22/23	Pending	\$ 1,496,161.00		\$ 1,496,161.00
4450421/TBD	Sebring Pkwy - US 27 N to Scenic Hwy	Pavement Only Resurface (FLEX)					22/23	Pending	\$ 43,758.00		\$ 43,758.00
4419231/TBD	W Interlake Blvd - Catfish Creek Rd to S Tangerine Dr	Sidewalk					22/23	Pending	\$ 28,052.00		\$ 28,050.00
4463941/TBD	Catfish Creek Rd over Catfish Creek Bridge	Bridge Repair-Rehabilitation					22/23	Pending	\$ 390,438.00		\$ 390,438.00
4463661/TBD	Webster Turn Dr - Haywood Taylor Blvd to Boeing Ave	Resurfacing					22/23	Pending	\$ 495,308.00		\$ 495,308.00
4424691/TBD	CR 64 - S Angelo Lake Rd to E Butler Rd	Resurfacing	Kenya Anderson				22/23	Pending	\$ 1,182,628.00		\$ 1,182,628.00
								Total:	\$ 5,194,054.00	\$ -	\$ 5,194,052.00
FY 23/24											
4450631/TBD	Arbuckle Creek Rd - Bridge to Riverdale Rd	Resurfacing					23/24	Pending	\$ 1,733,626.00		\$ 1,733,626.00
4450731/TBD	Lake Josephine Dr - Orange Blossom Blvd to Sentinel Point	Widen/Resurface Existing Lanes					23/24	Pending	\$ 2,656,129.00		\$ 2,656,129.00
445042-1/TBD	Sebring Pkwy - From US 27 to Scenic Hwy	Resurfacing					24/25	Pending	\$ 694,725.00	\$ 694,725.00	\$ 1,389,450.00
4463191/TBD	Sebring Pkwy - 90° Curve to N Ridgewood Dr	Resurfacing					23/24	Pending	\$ 1,332,378.00	\$ 1,332,378.00	\$ 2,664,756.00
								Total:	\$ 6,416,858.00	\$ 2,027,103.00	\$ 8,443,961.00

Existing & Upcoming Grant Funded Projects



FY 24/25										
4463061/TBD	E O Douglas Ave - MLK Jr Blvd to School St	Multi-use Path					24/25	Pending	\$ 46,000.00	\$ 46,000.00
4463192/TBD	Sebring Pkwy - Scenic Hwy to 90° Curve	Resurfacing					24/25	Pending	\$ 829,789.00	\$ 829,789.00
4463221/TBD	W College Dr - Memorial Dr to SFSC Entrance Phase I	Add Lanes & Reconstruct					24/25	Pending	\$ 1,827,385.00	\$ 1,827,385.00
4463222/TBD	W College Dr - US 27 to SFSC Entrance Phase II	Add Lanes & Reconstruct					24/25	Pending	\$ 2,098,167.00	\$ 2,098,167.00
4487461/TBD	CR 623 - Mini Ranch Rd to Peters Rd	Road Reconstruction - 2 Lane					24/25	Pending	\$ 3,925,127.00	\$ 3,925,127.00
4419231/TBD	W Interlake Blvd - Catfish Creek Rd to S Tangerine Dr	Sidewalk					24/25	Pending	\$ 183,389.00	\$ 183,389.00
								Total:	\$ 8,909,857.00	\$ 8,909,857.00
FY 25/26										
4487661/TBD	Arbuckle Creek Rd - MLK Blvd to Riverdale Rd	Resurfacing					25/26	Pending	\$ 1,512,712.00	\$ 1,512,712.00
4487671/TBD	Arbuckle Creek Rd Bridge Maintenance	Road Reconstruction - 2 Lane					25/26	Pending	\$ 515,680.00	\$ 515,680.00
4484211/TBD	Catfish Creek Rd - Tuomey Ct to W Interlake Blvd	Sidewalk					25/26	Pending	\$ 121,000.00	\$ 121,000.00
4484221/TBD	Cemetery Rd - MLK Jr Blvd to School St	Sidewalk					25/26	Pending	\$ 66,000.00	\$ 66,000.00
449676-1/TBD	Sebring Pkwy Phase IV - Sebring Roundabout to Arbuckle Creek Rd	New Road Construction					25/26	Pending	\$ 1,881,396.00	\$ 1,881,396.00
4484231/TBD	Desoto Rd - Phil Lane to Desoto City Rd	Sidewalk					25/26	Pending	\$ 66,000.00	\$ 66,000.00
4484241/TBD	School St - E O Douglas Ave to Cemetery Rd	Sidewalk					25/26	Pending	\$ 66,000.00	\$ 66,000.00
450322-1/TBD	CR-29 From E of US 27 to CR-619	Resurfacing					25/26	Pending	\$ 1,820,495.00	\$ 1,820,495.00
450323-1/TBD	CR-17 From Clubhouse Rd to Baptist Church	Resurfacing					25/26	Pending	\$ 967,054.00	\$ 967,054.00
								Total:	\$ 7,016,337.00	\$ 7,016,337.00
FY 26/27										
449544-1/TBD	W Stryker Rd Phase I From Morningside Rd to US 27	Sidewalk					26/27	Pending	\$ 121,000.00	\$ 121,000.00
449544-2/TBD	W Stryker Rd Phase II Hartman Rd to Morningside Rd	Sidewalk					26/27	Pending	\$ 121,000.00	\$ 121,000.00
449550-1/TBD	Home Ave From Sebring Pkwy to Sage Crest Dr	Sidewalk					26/27	Pending	\$ 81,000.00	\$ 81,000.00
449579-1/TBD	Scenic Hwy Phase I - Sebring Pkwy to Summit Rd	MUP					26/27	Pending	\$ 101,000.00	\$ 101,000.00
449579-2/TBD	Scenic Hwy Phase II - Summit Rd to Panther Pkwy	MUP					26/27	Pending	\$ 101,000.00	\$ 101,000.00
449647-1/TBD	Catfish Creek Rd From Yuomey Ct to Catfish Creek Rd Bridge	Sidewalk					26/27	Pending	\$ 81,000.00	\$ 81,000.00
449672-1/TBD	S Sun 'N Lakes Blvd From US 27 to Moon Glow Ave	Sidewalk					26/27	Pending	\$ 26,000.00	\$ 26,000.00
450324-1/TBD	Arbuckle Creek Rd From Bishop Dairy Rd to US 98	Resurfacing					26/27	Pending	\$ 706,517.00	\$ 706,517.00
449582-1/TBD	Scenic Hwy Sidewalk From Lakeview Dr to Sebring Pkwy	Sidewalk					26/27	Pending	\$ 26,000.00	\$ 26,000.00
								Total:	\$ 1,364,517.00	\$ 1,364,517.00

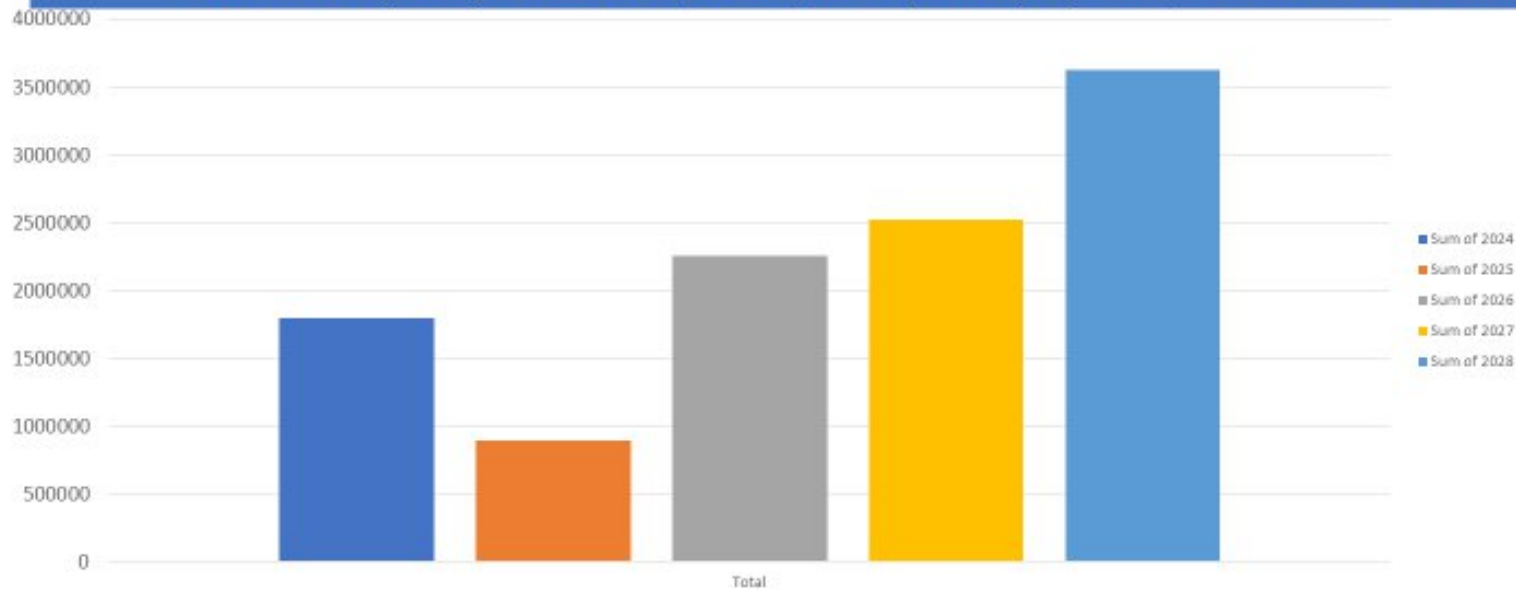
SCOP and SCRAP Funded Projects by Year in DeSoto, Glades, Hardee, Hendry, Highlands, and Okeechobee Counties



	2024	2025	2026	2027	2028
TOTAL SCOP (SMALL COUNTY OUTREACH) FUNDS	\$ 4,318,078	\$ 3,690,366	\$ 3,695,487	\$ 3,696,341	\$ -
TOTAL SCRAP FUNDS	\$ 5,345,455	\$ 4,545,455	\$ 4,545,455	\$ 4,545,455	\$ -



TA Funded Projects by Year in DeSoto, Glades, Hardee, Hendry, Highlands, and Okeechobee Counties



	2024	2025	2026	2027	2028
TOTAL TA (TRANSPORTATION ALTERNATIVE) FUNDS	\$ 1,795,423	\$ 896,153	\$ 2,257,435	\$ 2,522,932	\$ 3,629,871



Maintenance Information



Grading Mileage

	2018	2019	2020	2021	2022	Jan-June 2023
Grading/Miles	3,606	3,277	4,261	4,144	4,010	1,704

2018 & 2019: Panther Parkway years; large decrease

2020: First year back to normal operation

2021: Decrease of 117 miles or 8.5 weeks of grading

2022: Decrease of 134 miles or 9.5 weeks of grading

2023: Tentative decrease of 510 miles or 36 weeks

**--Decrease of 54 weeks of grading within 3 years equating
1 employee grading roads each day for 1 year**

Maintenance Information



Grading Costs

	2018	2019	2020	2021	2022	Jan-June 2023
Grading/Miles	3,606	3,277	4,261	4,144	4,010	1,704

- We expend \$415,000 to \$470,000 per year on grading
- 2020: Higher mileage; Cost per mile = \$110/mile
- 2022: 251 less miles graded; Cost per mile = \$117
- 2023: 510 less miles graded; Currently tracking @ \$117/mile

Maintenance Information



Sidewalk Mowing

- R&B has went from maintenance of 17 miles of sidewalk to 36 miles of sidewalk in 10 years
- Funds expended on mowing ONLY have remained between \$36,000-\$40,000 the past 5 years.

2018:	\$40,509	270 mowing tasks	\$150/task
2019:	\$35,351	260 mowing tasks	\$136/task
2020:	\$38,229	275 mowing tasks	\$139/task
2021:	\$38,086	220 mowing tasks	\$173/task
2022:	\$36,239	215 mowing tasks	\$169/task

Maintenance Information



Bridge & Concrete—4103 CC

- FY 13/14 to FY 22/23: The budget has fluctuated between \$356,000 to \$389,000.
- Largest increase was this year from FY 21/22. Increase from \$376,359 to \$427,403...or \$51,044.
- \$49,000 of the \$51,044 went to only salaries (salary study) and fuel.
- Our request for FY 23/24 is \$427,720—\$317 increase.
- No increases relative to contracts or new positions.

Maintenance Information



Resurfacing

- We have paved as high as 40+ miles and up to 58,000 tons of asphalt in 1 year. That includes the paving of FDOT grant projects.
- Previously averaged 30+ miles of resurfacing per year

2020/2021: 33 miles or 32,000 tons of asphalt

2021/2022: 28 miles or 27,000 tons of asphalt; 2 miles of Construction

2022/2023: 15 miles or 14,000 tons of asphalt; 4.7 miles of Construction

2023/2024: 7 miles or 7,000 tons of asphalt; 5.5 miles of Construction

- Decreased resurfacing due to less resurfacing needs & increased costs
- Increased Road Construction on roadways with excessive maint. costs

Maintenance Information



Asphalt and Labor/Equipment Costs

Asphalt Costs remained fairly the same for many years. Effects of Covid began to alter the Statewide asphalt production landscape.

FY 2020/2021:	Asphalt—\$62-70/ton	L&E—\$15-16/ton
FY 2021/2022:	Asphalt—\$75-82/ton	L&E—\$17-18/ton
FY 2022/2023:	Asphalt—\$85-95/ton	L&E—\$20+/ton

--Increased hauling and aggregate costs

--Large increases in equipment costs; minor changes in labor costs

Revenue Sources



There are only 2 collective revenue sources for Maintenance and Infrastructure Improvements.

Maintenance (Grading, Mowing, Repairs)

- Maintenance is only covered by the Transportation Trust Fund (Gas Tax)

Infrastructure Improvements (Resurfacing, Construction)

- Capital Improvements are only allotted through CFS programmed funding.

Non-Existent Revenue Sources



Highlands County has no additional funding dedicated to maintenance or infrastructure improvements like many other Counties. As costs have risen and funds decreased, Counties have made efforts to introduce funding sources to compensate for losses.

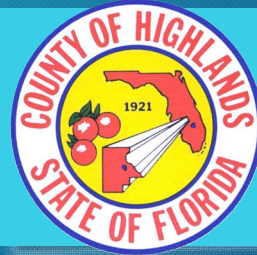
For Maintenance:

- Millage % to supplement depleted gas tax funds
- MSBU's to cover specific maintenance items (grading, mowing, ditch cleaning)

For Improvements:

- Millage % (road construction and resurfacing)
- Impact Fees (new road construction and road widening)
- Half-cent sales tax (special projects, safe shoulders, sidewalks, bike lanes)

Revenue Sources



FY	ROAD RESURFACING	ROAD CONSTRUCTION	ANNUAL TOTALS
04-05	904,909	250,000	1,154,909
05-06	932,056	0	932,056
06-07	1,193,712	366,331	1,560,043
07-08	1,633,205	566,269	2,199,474
08-09	1,470,417	843,829	2,314,246
09-10	2,061,017	688,948	2,749,965
10-11	2,337,198	831,716	3,168,914
11-12	2,576,760	500,000	3,076,760
12-13	2,705,598	500,000	3,205,598
13-14	2,375,000	807,878	3,182,878
14-15	2,400,000	638,141	3,038,141
15-16	2,520,000	670,048	3,190,048
16-17	2,646,000	703,550	3,349,550
17-18	2,778,300	738,728	3,517,028
18-19	2,700,000	700,000	3,400,000
19-20	2,700,000	70,000	2,770,000
20-21	2,430,000	630,000	3,060,000
21-22	2,700,000	700,000	3,400,000
22-23	1,900,000	1,500,000	3,400,000
TOTALS	40,964,172	11,705,438	52,669,610

- Reflects the past 19 years of CFS allocated funding for roadways
- Reached \$3 million in funding 13 years ago
- It has remained between \$3-3.5 million each year since
- In FY 21/22, Resurfacing funds were transferred to Construction for the addition of more mileage

Pending Issues



Maintenance Responsibilities/Costs

- Lack of current workforce coupled with no additional positions
- Decreased level of maintenance
- No increases or new County funding
- Unfunded Mandates

Grant Funding

- Absence of Grant opportunities
- Improved Road Ratings
- Steady increase in construction and resurfacing costs
- Increased County population
- No increases or new County funding

Highlands County Workplan



SUMMARY

There needs to be a definitive plan for the future to combat funding losses and introduce an infrastructure improvement program to address needs not fulfilled through grant opportunities. The past 15 years saw incredible gains with the quality/status of our roadway infrastructure. A decision must be made before we reverse course in an era of increased development and growing population.

*****WHERE IS THE SOLUTION???**