County Road System:

- **Paved Roads** 973 centerline miles / 2,042 lane miles
- **Dirt Roads** 81 miles
- **Emergency Maintenance Roads** 86 miles
- **Sidewalks** 282 miles
- **Traffic Signals** 341 traffic signals (includes: County, FDOT & Cities)

Budget for road maintenance is +$20 million/year.
NON-COUNTY MAINTAINED

- Federal & State Roads
- City Roads
- HOA Roads 119 miles
- Private Roads 466 miles (2± miles paved)
- Special Assessment District
  West Highlands – 16 miles
PROJECT TYPES

Capacity Projects

Resurfacing Projects

Safety Projects
ROAD RESURFACING

- Pavement condition survey of county maintained roads
- PCI - pavement condition index
- 3 year cycle

County resurfacing budget is $5 million annually.
Pavement Condition

PCI Range Values (1-100)
- Very Good to Excellent: 70 – 100
- Fair to Good: 50 – 70
- Poor to Marginal: 25 – 50
- Very Poor: 0 – 25

Average Roadway PCI
- Thoroughfares – 75
- Locals – 59
- Overall Network – 67

Based on current PCI data as of 5/26/21
County Road Projects are funded by:

- **Gas Tax** – 12 cents/gallon includes 5 cents specifically for construction of capacity projects. (Countywide)

- **Impact Fees** – Generated by new development specifically for capacity projects. (Zones)

- **Proportionate Fair Share** – Generated by new development in congested traffic areas specifically for capacity projects. (Zones)

- **Grants** – State/Federal project grants for capacity or safety projects, eg LAP & TRIP grants. (Project specific)

No property taxes are used to fund road projects.
GAS TAX REVENUES

Total Gas Tax

New Nickel

$0.00

$5,000,000.00

$10,000,000.00

$15,000,000.00

$20,000,000.00

$25,000,000.00

$30,000,000.00

04/05 05/06 06/07 07/08 08/09 09/10 10/11 11/12 12/13 13/14 14/15 15/16 16/17 17/18 18/19 19/20 20/21 21/22

Volusia County FLORIDA
$65M Bond Debt:
- $4.5M annual payment
- Debt paid in full Oct, 2024

Annual Bond Debt paid first from collected impact fees with any shortfall made up by the New Nickel portion of the Local Option Gas Tax.
ESTIMATED REVENUES

- Local Option Gas Tax collected for capacity improvements (New Nickel):
  $5,792,014 (Projected FY21) - $1,013,608 (Williamson Loan) = $4,778,406

- Impact Fees (collected FY19/20):

<table>
<thead>
<tr>
<th>Zone</th>
<th>Collected</th>
<th>Bond Payment</th>
<th>Net</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zone 1</td>
<td>$2,899,480</td>
<td>$1,870,037</td>
<td>$1,029,443</td>
<td>$2,260,328</td>
</tr>
<tr>
<td>Zone 2</td>
<td>$2,535,788</td>
<td>$496,335</td>
<td>$2,039,453</td>
<td>$3,814,239</td>
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<tr>
<td>Zone 3</td>
<td>$5,183,281</td>
<td>$1,759,731</td>
<td>$3,423,550</td>
<td>$5,844,522</td>
</tr>
<tr>
<td>Zone 4</td>
<td>$1,793,504</td>
<td>$360,971</td>
<td>$1,432,533</td>
<td>$11,245,543</td>
</tr>
<tr>
<td>Total</td>
<td>$12,412,053</td>
<td>$4,487,074</td>
<td>$7,924,979</td>
<td>$23,164,632</td>
</tr>
</tbody>
</table>
Proportionate Fair Share based on executed PFS Agreements through 5/4/21:

Zone 1:
- Funds collected = $8,690,000
- Pending = $5,051,000
- $13,741,000

Zone 2:
- Funds collected = $1,313,000
- Pending = $695,000
- $2,008,000

Zone 3:
- Funds collected = $241,000
- Pending = $290,000
- $531,000

Zone 4:
- Funds collected = $1,331,000
- Pending = $1,412,000
- $2,743,000

Grants:
- Federal (Local Agency Program) = $4,831,000
- State (Legislative Appropriation) = $2,500,000

Cost of 1 Mile of 2 lane road: approximately $4-5 million
2021 ROAD PROGRAM
**Daytona Beach** (Impact Fee Zone 1)

- **Williamson Blvd Widening from 2 Lanes to 4 Lanes**
  - LPGA Blvd to Strickland Range Rd (Construction Underway)
  - Funding: $783,000 County
  - $1,961,000 State
  - $2,538,000 Developer Proportionate Fair Share – collected

- **Williamson Blvd Intersection Improvements**
  - Williamson Blvd & Strickland Range Rd (Design Underway)
  - Funding: $143,000 County
  - $1,958,000 Developer Proportionate Fair Share – collected

- **Williamson Blvd Widening from 2 Lanes to 4 Lanes**
  - Strickland Range Rd to Hand Av (Design & ROW Acquisition Underway)
  - Funding: $183,000 County
  - $4,000,000 State
  - $804,000 Developer Proportionate Fair Share – collected
  - $3,613,000 Developer Proportionate Fair Share – pending
  - $2,449,000 Funding needed
ROAD PROJECTS

• LPGA Blvd Intersection Improvements
  LPGA Blvd & Clyde Morris Blvd (Design Underway)
  Funding: $1,589,000 Developer Proportionate Fair Share – collected
  $ 264,000 Developer Proportionate Fair Share – pending

Port Orange (Impact Fee Zone 1)
• Taylor Branch Rd Widening from 2 to 4 Lanes Study
  Dunlawton Blvd to Clyde Morris Blvd (incl B-19 bridge) (Feasibility Study Underway)
  Funding: $1,064,000 Developer Proportionate Fair Share – collected

New Smyrna Beach (Impact Fee Zone 2)
• Turnbull Bay Rd Add Paved Shoulders
  Pioneer Trl to Creek Shore Trl (Design & ROW Acquisition Underway)
  Funding: $ 693,000 County
  $1,708,000 Federal

ORANGE text denotes road projects that do not increase road capacity.
ROAD PROJECTS

- **Sugar Mill Dr Safety Improvement**
  
  Southern Curve north of SR 44
  
  (Construction Underway)
  
  Funding: $874,000 County
  $679,000 Developer

- **Pioneer Trl Intersection Improvements**
  
  Pioneer Trl & Tomoka Farms Rd
  
  (Design & ROW Acquisition Underway)
  
  Funding: $579,000 County
  $500,000 State
  $2,432,000 Federal

- **Sugar Mill Dr Intersection Improvements**
  
  Sugar Mill Dr & Pioneer Trl
  
  (Design Underway)
  
  Funding: $522,000 County
  $897,000 Developer

- **Old Mission Rd Safety Improvement**
  
  West Park Av to Josephine St
  
  (Design & ROW Acquisition Underway)
  
  Funding: $7,200,000 County – Annual Safety Allocation
Edgewater/New Smyrna Beach (Impact Fee Zone 2)
• Tenth St Widening from 2 Lanes to 4 Lanes
  Myrtle Av to US 1
  (Construction Underway)
  Funding: $9,964,000 County
  $2,800,000 State

Deltona (Impact Fee Zone 3)
• Howland Blvd Widening from 2 Lanes to 4 Lanes
  Providence Blvd to Elkcam Blvd
  (Construction Underway)
  Funding: $17,747,000 County
  $80,000 Developer Proportionate Fair Share

Orange City (Impact Fee Zone 3)
• Graves Ave Widening from 2 Lanes to 3 Lanes
  Veterans Memorial Pkwy to Kentucky Av
  (Design Underway)
  Funding: $10,000 County
  $1,119,000 Federal
ROAD PROJECTS

- **Veterans Memorial Pkwy Widening from 2 Lanes to 4 Lanes**
  Current limits of 4 Lanes to Rhode Island Av  (Design Underway)
  Funding:  $  185,000  Developer Proportionate Fair Share
  $  4,100,000  Funding Pending – potential developer built road segment

**DeLand (Impact Fee Zone 4)**

- **Orange Camp Rd Widening from 2 Lanes to 4 Lanes**
  Martin Luther King Jr. Btwy to I-4  (Construction Underway)
  Funding:  $11,328,000  County
  $  219,000  Developer Proportionate Fair Share

- **Old New York Av Add Paved Shoulders**
  SR 44 to Shell Rd  (Design Underway)
  Funding:  $  1,517,000  County
  $  1,774,000  Federal
ROAD PROJECTS

• **Beresford Rd Extension**
  Blue Lake Av to Kepler Rd/Martin Luther King Jr. Btwy  
  (Design & ROW Acquisition Underway)
  Funding: $3,900,000  County
  $ 219,000  Developer Proportionate Fair Share

• **Amelia Av Lane Reduction from 4 lanes to 3 Lanes**
  Voorhis Ave to Ohio Ave  
  (Design & ROW Acquisition Underway)
  Funding: $ 10,000  County
  $2,443,000  Federal

• **Blue Lake Av Extension**
  Blue Lake Av in Victoria Park to SR 472  
  (Conceptual Preparation Underway)
  Funding: $2,745,000  County – Impact Fees
  $1,454,000  Developer Proportionate Fair Share

• **SR 44 & Kepler Rd Roundabout**
  FDOT - Design and Construction  
  County – Right-of-Way Acquisition  
  (Design Underway)
  Funding: $3,900,000  County – Impact Fees
There are several critical road segments that are not included in the recommended projects listed because there are other circumstances affecting their potential widening or improvement. This includes: LPGA Blvd, Saxon Blvd, Kepler Rd, Beresford Av Extension, Tymber Creek Rd & Veterans Memorial Pkwy.

**Ormond Beach (Impact Fee Zone 1)**
- **Hand Av Widening from 2 Lanes to 4 Lanes**
  - Clyde Morris Blvd to Nova Rd
  - Estimated Cost: $6,200,000 (New Project)
- **Hand Av Widening from 2 Lanes to 4 Lanes**
  - Williamson Blvd to Clyde Morris Blvd
  - Estimated Cost: $10,000,000 (New Project)

**Daytona Beach (Impact Fee Zone 1)**
- **Dunn Av Extension**
  - Tomoka Farms Rd to LPGA Blvd
  - Estimated Cost: $15,318,000 (Alignment Study Approved 1999)
POTENTIAL FUTURE PROJECTS

• Williamson Rd Widening from 2 Lanes to 4 Lanes
  Beville/SR 400 to Madeline Av
  Estimated Cost: $7,500,000
  (New Project)

• Main St Bridge Replacement
  Beach St to Halifax Av
  Estimated Cost: $71,000,000
  (New Project)

Port Orange (Impact Fee Zone 1)
• Taylor Rd Widening from 2 Lanes to 4 Lanes
  Forest Preserve Blvd to Summer Trees Rd
  Estimated Cost: $10,522,000
  (Design Update Needed / ROW needed)

New Smyrna Beach (Impact Fee Zone 2)
• Pioneer Trl Safety Improvements
  Tomoka Farms Rd to I-95
  Estimated Cost: $10,625,000
  (New Project)
POTENTIAL FUTURE PROJECTS

- **Pioneer Trl Intersection Improvements**
  Pioneer Trl & Williams Rd / Colony Park  
  Estimated Cost: $100,000 (Study only)
  (Alignment Study)

**Orange City (Impact Fee Zone 3)**
- **Veterans Memorial Pkwy Widening from 2 Lanes to 4 Lanes**
  Rhode Island Av to Graves Av  
  Estimated Cost: $7,358,000
  (New Project)

- **Veterans Memorial Pkwy Extension**
  Graves Av to SR 472/Martin Luther King Jr. Btwy  
  Estimated Cost: $15,000,000
  (Design Update Needed / ROW needed)

**DeLand (Impact Fee Zone 3 & 4)**
- **Orange Camp Rd Widening Study**
  US 17/92 to Martin Luther King Jr. Btwy  
  Estimated Cost: $500,000 (Study only)
  (Alignment Study)
EXISTING & PROPOSED PROJECTS
## POTENTIAL PROJECTS - Vol/Cap

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Est. Cost</th>
<th>VC Ratio</th>
<th>Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pioneer Trl Intersection Improvements at Williams Blvd / Colony Park Study</td>
<td>$100,000</td>
<td>0.69</td>
<td>2</td>
</tr>
<tr>
<td>2. Orange Camp Rd Widening from US 17/92 to MLK Jr. Btwy Study</td>
<td>$500,000</td>
<td>1.01</td>
<td>4</td>
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<tr>
<td>3. Hand Av Widening from Clyde Morris Blvd to Nova Rd</td>
<td>$6,200,000</td>
<td>1.25</td>
<td>1</td>
</tr>
<tr>
<td>4. Williamson Rd Widening from Beville Rd/SR 400 to Madeline Av</td>
<td>$7,500,000</td>
<td>1.21</td>
<td>1</td>
</tr>
<tr>
<td>5. Veterans Memorial Pkwy Widening from Rhode Island Av to Graves Av</td>
<td>$7,358,000</td>
<td>1.03</td>
<td>3</td>
</tr>
<tr>
<td>6. Dunn Av Extension from Tomoka Farms Rd to LPGA Blvd</td>
<td>$15,318,000</td>
<td>1.83</td>
<td>1</td>
</tr>
<tr>
<td>7. Taylor Rd Widening from Forest Preserve Blvd to Summer Trees Rd</td>
<td>$10,522,000</td>
<td>1.02</td>
<td>1</td>
</tr>
<tr>
<td>8. Hand Av Widening from Williamson Blvd to Clyde Morris Blvd</td>
<td>$10,000,000</td>
<td>0.58</td>
<td>1</td>
</tr>
<tr>
<td>9. Pioneer Trl Safety Improvements from Tomoka Farms Rd to I-95</td>
<td>$10,625,000</td>
<td>0.44</td>
<td>2</td>
</tr>
<tr>
<td>10. Veterans Memorial Pkwy Extension from Graves Av to SR 472/MLK Jr Btwy</td>
<td>$15,000,000</td>
<td>0.63</td>
<td>3</td>
</tr>
<tr>
<td>11. Main St Bridge Replacement</td>
<td>$70,000,000</td>
<td>0.60</td>
<td>1</td>
</tr>
</tbody>
</table>
On the provided forms please tell us:

- **What roads are your priority?**
  Provide a list of your Top 5 County road improvements.

- **What road is a priority in your zone?**
  List the most important County road improvement you want in your zone.