ROAD PROGRAM

FY 2021-22

VOLUSIA COUNTY
ENGINEERING & CONSTRUCTION

Tadd Kasbeer, P.E.
County Engineer
PROJECT TYPES

Capacity Projects

Resurfacing Projects

Safety Projects
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>
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<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>
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<tr>
<td>Zone 4</td>
<td>$1,793,504</td>
<td>$360,971</td>
<td>$1,432,533</td>
<td>$11,245,543</td>
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<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>
ESTIMATED REVENUES

- **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
CRITICAL ROAD SEGMENTS & COUNTY PROJECTS

Key To Features
- Critical
- Near Critical
- Current Road Projects
- Impact Fee Zones
ZONE 1

Daytona Beach
- Williamson Blvd widening from LPGA Blvd to Strickland Range Rd (COMPLETE)
- Williamson Blvd & Strickland Range Rd Intersection Improvements (Design Underway)
- Williamson Blvd widening from Strickland Range Rd to Hand Av (Design & ROW Acquisition Underway)
ZONE 1

Daytona Beach
- LPGA Blvd & Clyde Morris Blvd Intersection Improvements
  (Design Underway)

Port Orange
- Taylor Branch Rd widening from Dunlawton Blvd to Clyde Morris Blvd
  (incl B-19 bridge) 2 to 4 Lanes Study
  (Feasibility Study Underway)
New Smyrna Beach

- Pioneer Trl Intersection Improvements
  Pioneer Trl & Tomoka Farms Rd
  (Design & ROW Acquisition Underway)

- Turnbull Bay Rd add paved shoulders from Pioneer Trl to Creek Shore Trl
  (Design & ROW Acquisition Underway)

- Sugar Mill Dr & Pioneer Trl Intersection Improvements
  (Design Underway)
New Smyrna Beach
- Sugar Mill Dr Southern Curve north of SR 44 Safety Improvement
  (COMPLETE)
- Old Mission Rd Safety Improvements from West Park Av to Josephine St.
  (Design & ROW Acquisition Underway)

Edgewater/New Smyrna Beach
- 10th St widening from Myrtle Av to US 1
  (COMPLETE)
ZONE 3

Deltona
- Howland Blvd widening from Providence Blvd to Elkcam Blvd  
  (Construction Underway)

Orange City
- Graves Ave widening from 2 Lanes to 3 Lanes Veterans Memorial Pkwy to Kentucky Av  
  (Design Underway)
- Veterans Memorial Pkwy widening from current limits of 4 Lanes to Rhode Island Av  
  (Design Underway)
ZONE 4

DeLand

• Orange Camp Rd widening from Martin Luther King Jr. Btwy to I-4
  (Construction Underway)

• Old New York Av Add Paved Shoulders SR 44 to Shell Rd
  (Design Underway)

• Beresford Rd Extension from Blue Lake Av to Kepler Rd/Martin Luther King Jr. Btwy
  (Design & ROW Acquisition Underway)
ZONE 4

• Amelia Av Lane Reduction from Voorhis Ave to Ohio Ave
  (Design & ROW Acquisition Underway)

• Blue Lake Av Extension from Blue Lake Av in Victoria Park to SR 472
  (Design & ROW Acquisition Underway)
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.

County Thoroughfare Road Segments funded or constructed by others:

- **LPGA Blvd Widening from 2 Lanes to 4 Lanes**
  - Daytona Beach
  - US 17/92 to the I-95 Interchange
  - PD&E Study and Design funded by FDOT

- **Saxon Blvd Widening from 5 Lanes to 6 Lanes**
  - Deltona
  - Finland Dr to Normandy Blvd
  - Potential construction by FDOT of I-4 Interchange

- **Kepler Rd Widening from 2 Lanes to 4 Lanes**
  - DeLand
  - SR 44 to Minnesota Ave
  - Pending construction by FDOT of SR 44 intersection

- **Veterans Memorial Pkwy Widening from 2 Lanes to 4 Lanes**
  - Orange City
  - Existing 4 Lane to Rhode Island Ave
  - Design by developer and potential construction

- **Beresford Ave Extension**
  - DeLand
  - Martin Luther King Jr. Btwy to SR 44
  - Partial design and construction by developer

- **Tymber Creek Rd Extension**
  - Daytona Beach
  - Existing limit to SR 40
  - Design & construction by developer
ZONE 1 Proposed

- Hand Ave widening from Clyde Morris Blvd to Nova Rd
- Dunn Av extension from Tomoka Farms Rd to LPGA Blvd
- Williamson Blvd widening from Beville Rd to Madeline Av
- Taylor Rd widening from Forest Preserve Blvd to Madeline Av
ZONE 2 Proposed

- Pioneer Trl safety improvements from Tomoka Farms Rd to I-95
- Pioneer Trl & Williams Blvd/Colony Park Intersection Study
ZONE 3 Proposed

- Veterans Memorial Pkwy extension from Graves Av to SR 472/MLK Jr Btwy
- Veterans Memorial Pkwy widening from Rhode Island Av to Graves Av
- Rhode Island extension from Veterans Memorial Pkwy to Normandy Blvd
ZONE 4 Proposed

- Orange Camp Rd widening from US 17/92 to MLK Jr. Btwy feasibility study
## POTENTIAL PROJECT ITEMS - Vol/Cap

<table>
<thead>
<tr>
<th></th>
<th>Project Name</th>
<th>Est. Cost</th>
<th>VC Ratio</th>
<th>Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Pioneer Trl safety improvements from Tomoka Farms Rd to I-95</td>
<td>$100,000</td>
<td>0.69</td>
<td>2</td>
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<tr>
<td>2.</td>
<td>Orange Camp Rd widening from US 17/92 to MLK Jr. Btwy feasibility study</td>
<td>$500,000</td>
<td>1.01</td>
<td>4</td>
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<tr>
<td>3.</td>
<td>Hand Av widening from Clyde Morris Blvd to Nova Rd</td>
<td>$6,200,000</td>
<td>1.25</td>
<td>1</td>
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<tr>
<td>4.</td>
<td>Williamson Rd widening from Beville Rd/SR 400 to Madeline Av</td>
<td>$7,500,000</td>
<td>1.21</td>
<td>1</td>
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<tr>
<td>5.</td>
<td>Veterans Memorial Pkwy widening from Rhode Island Av to Graves Av</td>
<td>$7,358,000</td>
<td>1.03</td>
<td>3</td>
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<tr>
<td>6.</td>
<td>Dunn Av extension from Tomoka Farms Rd to LPGA Blvd</td>
<td>$15,318,000</td>
<td>1.83</td>
<td>1</td>
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<tr>
<td>7.</td>
<td>Taylor Rd widening from Forest Preserve Blvd to Summer Trees Rd</td>
<td>$10,522,000</td>
<td>1.02</td>
<td>1</td>
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<tr>
<td>8.</td>
<td>Pioneer Trl safety improvements from Tomoka Farms Rd to I-95</td>
<td>$10,625,000</td>
<td>0.44</td>
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<tr>
<td>9.</td>
<td>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>
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</tbody>
</table>
Public was asked:

- **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.
### Project Name (color coding by zone) | Est. Cost | Zone
---|---|---
1. Veterans Memorial Pkwy extension from Graves Av to SR 472/MLK Jr Btwy | $15,000,000 | 3
2. Veterans Memorial Pkwy widening from Rhode Island Av to Graves Av | $7,358,000 | 3
   Pioneer Trl safety improvements from Tomoka Farms Rd to I-95 | $10,625,000 | 2
4. Orange Camp Rd widening from US 17/92 to MLK Jr. Btwy Study | $500,000 | 4
5. Hand Av widening from Clyde Morris Blvd to Nova Rd | $6,200,000 | 1
   Dunn Av extension from Tomoka Farms Rd to LPGA Blvd | $15,318,000 | 1
   Taylor Rd widening from Forest Preserve Blvd to Summer Trees Rd | $10,522,000 | 1
8. Pioneer Trl & Williams Blvd / Colony Park Intersection improvements study | $100,000 | 2
   Rhode Island Av extension from Veterans Memorial Pkwy to Normandy Blvd | $TBD | 3

Notes: Providence Blvd resurfacing or widening received 3 votes, Saxon Blvd (Deltona) widening and Doyle Rd widening received 2 votes and 21 other projects received 1 vote.
### Council Approved Priority List

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Est. Cost</th>
<th>Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pioneer Trl &amp; Williams Blvd / Colony Park Intersection study</td>
<td>$100,000</td>
<td>2</td>
</tr>
<tr>
<td>2. Orange Camp Rd widening from US 17/92 to MLK Jr. Btwy feasibility study</td>
<td>$500,000</td>
<td>4</td>
</tr>
<tr>
<td>3. Dunn Av extension from Tomoka Farms Rd to LPGA Blvd</td>
<td>$15,318,000</td>
<td>1</td>
</tr>
<tr>
<td>4. Veterans Memorial Pkwy extension from Graves Av to SR 472/MLK Jr Btwy</td>
<td>$15,000,000</td>
<td>3</td>
</tr>
<tr>
<td>5. Hand Av widening from Clyde Morris Blvd to Nova Rd</td>
<td>$6,200,000</td>
<td>1</td>
</tr>
<tr>
<td>6. Pioneer Trl safety improvements from Tomoka Farms Rd to I-95</td>
<td>$10,625,000</td>
<td>2</td>
</tr>
<tr>
<td>7. Veterans Memorial Pkwy widening from Rhode Island Av to Graves Av</td>
<td>$7,358,000</td>
<td>3</td>
</tr>
<tr>
<td>8. Williamson Rd widening from Beville Rd/SR 400 to Madeline Av</td>
<td>$7,500,000</td>
<td>1</td>
</tr>
<tr>
<td>9. Rhode Island Av extension from Veterans Memorial Pkwy to Normandy Blvd</td>
<td>TBD</td>
<td>1</td>
</tr>
<tr>
<td>10. Taylor Rd widening from Forest Preserve Blvd to Summer Trees Rd</td>
<td>$10,522,000</td>
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