



**FLORIDA DEPARTMENT OF TRANSPORTATION
RURAL ROADWAY ASSISTANCE
CONSOLIDATED FUNDING APPLICATION**

PROJECT TITLE: Mill and Repave Shoal Line Blvd. from Calienta St. south to Jewfish Dr.

Priority Ranking Number: 1

Applicants must provide FDOT with the agency's or the MPO/TPO priority ranking for each project.

APPLICANT INFORMATION

A. Agency Name: Hernando County Board of County Commissioners

B. Agency Contact: J. Scott Herring, P.E.

Title: Public Works Director/County Engineer

Mailing Address: 1525 East Jefferson Street

Street Address

Brooksville

City

FL

State

34601

Zip Code

Telephone: 352-754-4060

Email Address: SHerring@HernandoCounty.us

PROGRAM

Select the Rural Roadway Assistance program that you wish to apply for.

Note: Not all project types are eligible for every program.

- Small County Outreach Program (SCOP)
- Small County Outreach Program for Rural Areas of Opportunities (SCOP-Municipalities)
- Small County Road Assistance Program (SCRAP)

ELIGIBILITY CRITERIA

Note: Eligible transportation facilities shall be publicly owned and maintained.

ROAD JURISDICTION (Check all that apply):

- On the municipal or community road system
- On the County road system
- Combination of on and off the State Highway system.
- The maintaining agency has an established pavement management plan including this roadway.

ELIGIBILITY CRITERIA (Check all that apply):

- The physical condition of the roadway necessitates improvements requested.
- The road is located in a fiscally constrained County.
- The road is used as an evacuation route (as shown on <https://www.floridadisaster.org/planprepare/disaster-preparedness-maps/>).
- The road has high levels of agricultural travel.
- The road is considered a major arterial route.
- The road is considered a feeder road.

PROJECT TYPE

**Note: Not all project types are eligible activities for each program*

The Department has determined that the benefits of certain low-cost safety features greatly exceed the cost to construct these features.

The following low-cost safety features must be included on flush shoulder rural roadways with posted speeds of 50mph or greater:

1. Pavement markings materials per FDOT Design Manual, Chapter 230.
2. Audible and Vibratory Treatments per FDOT Design Manual, Chapter 210 and FDOT Standard Plans, Index 546-010.

- ROAD RESURFACING/RESTORATION** - Work to mill and resurface or place additional layers of surfacing on highway pavement, shoulders, and bridge decks; and necessary incidental work to extend the structural integrity of these features for a substantial period of time.
- ROAD RECONSTRUCTION** - Improve or upgrade existing facilities to meet **Florida Greenbook** standards without increasing capacity. Includes the widening of existing lanes and the addition of paved shoulders to an existing paved road.
- PAVING UNPAVED ROADS** - Paving of an existing lime rock or dirt road.
- SAFETY IMPROVEMENTS** - Construct roadway related safety improvements to mitigate crashes.

Additional consideration will be given to projects that include safety features in addition to those required above and listed on the following website:

1. Proven FHWA Safety Countermeasures. <https://safety.fhwa.dot.gov/provencountermeasures/>

- REPAIR OR REHABILITATION OF BRIDGES** - Bridge replacement is not eligible.
- LANE ADDITION** - Adding through lane(s) to an existing paved road (i.e.: Add 2 lanes to existing 2-lane road to create a 4-lane road). **Capacity improvements are not an eligible activity for SCOP-Municipalities projects.*
- ADD TURN LANES** - Adding auxiliary lanes to an existing paved road.
- DRAINAGE IMPROVEMENTS** - Addressing road related drainage improvements.
- INTERSECTION IMPROVEMENTS** - Reconstructing, adding, or upgrading signals.

ROADWAY CHARACTERISTICS

A. Roadway Condition:

Describe the physical condition of the roadway for which funding is being requested:

Roadway condition is poor to fair.

Describe the applicant's efforts to keep the roads within its jurisdiction in satisfactory condition:

Hernando County has an active pavement management plan and has spent an average of \$2 Million per year for the last 5 years on resurfacing of roadways.

B. Detailed Project Description (Provide detailed scope of work including specific features, special considerations, and other key information):

This project will mill and repave Shoal Line Blvd. from Calienta Street south to Jewfish Drive, adding a safety edge during the paving work. The project will include thermoplastic striping and Audible and Vibratory treatments.

C. Project Length (In Miles): 1.7 Miles

D. Project Limits

South or West Termini:
Jewfish Dr

North or East Termini:
Calienta St

A location map is attached (required).

E. Resurfacing, Reconstruction, or Widening of Existing Paved Roads:

Number of Lanes: Existing: 2
Lane Width (ft.): Existing: 10-12
Paved Shoulder Width (ft.): Existing: 0 Proposed: 2
Proposed Safety Edge: Yes: No:

F. Dirt Road Paving:

Number of Lanes: Existing:
Lane Width (ft.): Existing:
Paved Shoulder Width (ft.): Existing: Proposed:
Proposed Safety Edge: Yes: No:

G. Typical Section:

Typical sections are attached. Include a Typical Section depicting existing and proposed features and dimensions and right of way lines. Summarize any special project characteristics in the project scope description above.

Provide additional details such as required Design Variations for typical section here, as needed.

H. Right of Way:

- No Right-of-Way acquisition is proposed.
 Existing right-of-way width from C/L in feet:

Describe the existing right-of-way ownerships along the project; when the right-of-way was obtained; and how ownership is documented, i.e., plats, deeds, prescriptions, easements:

Hernando County owns the right of way for this intersection improvement project and is working with adjacent property owners on potential joint use ponds for drainage.

Check all that apply if ownership is by more than one instrument:

- Former DOT Right of Way (*Right of Way was conveyed to County prior to June 10, 1995*)
 Plat (*Ownership is documented via plat of a city or subdivision*)
 Deed (*Ownership is documented via one or more deeds, frequently shown on a right of way map*)
 Maintenance Map (*Maintenance Map is already filed*)
 Maintenance Map in Progress (*Maintenance map in works*)
 Prescriptive Use (*Roadway presumed dedicated in accordance with FS 95.361*)
 Other (*Explain below*):

Select all work types included in the project described in the application, including work types that will not be supported by the requested funds; and identify the funding source for all non-FDOT supported activities, and the importance of the non-FDOT supported activity to the overall success of the project.

Note: Not all project types are eligible activities for each program

BRIDGES

- Repair or Rehabilitation and meets eligibility criteria in Section 1.
 No work to existing bridge is proposed.
 There is not a bridge within the project limits.

Please explain:

ROADWAY:

- Existing curb and gutter to remain
- Widen for bike-lane
- Re-stripe for bike lane
- Sidewalk or shared use path

Please explain:

MEDIAN:

- No existing median
- Existing median width:
- Proposed median width:

Please explain:

DRAINAGE/PERMIT

- Existing closed drainage system to remain.
- Existing open drainage system to remain.
- No new drainage proposed.
- Drainage improvements required: Expanding lanes, will require SWFWMD Permit.

Please explain:

SAFETY IMPROVEMENTS

- Upgrade or add signage
- Upgrade or add guardrail
- Clear zone violations mitigation
- Existing cross slope or super-elevation corrections
- Upgrade or add guardrail
- Upgrade or add pavement markings (reference FDOT Design Manual)
**Required on flush shoulder rural roadways with posted speeds of 50mph or greater.*
- Upgrade or add Audible and Vibratory Treatments (reference FDOT Design Manual)
**Required on flush shoulder rural roadways with posted speeds of 50mph or greater.*
- Add Safety Edge where there are no paved shoulders
- Add proven FHWA Safety Countermeasure(s): *(insert countermeasure here)*

Please explain:

ADA

- No modifications proposed.
- Verified all crosswalks, sidewalks, curb ramps and other pedestrian features for compliance with ADA standards.
- ADA improvements required:

Please explain:

SCHOOL ZONE

- Existing flashing school zone signal.
- Existing school zone signs without flashing beacons.
- High emphasis cross walk at un-signalized crossing, determine if signal warranted.
- No school zones within the project limits.

Please explain:

UTILITIES

- Sub-surface relocation is required.
- Utility Coordination is required.

No utility relocation required.
Please explain:

RAILROAD

- Rail crossing within project limits.
 - Replace all railroad signal equipment and gates.
 - There is no railroad owned or operated right of way within the project limits.
- Please explain (*Owner must be identified*):

PROJECT COSTS

Include all costs and funding sources, including costs not eligible for FDOT reimbursement.

A. MATCHING FUNDS

Are matching funds proposed and committed for this project?

Note: Applicants for SCOP funding must provide 25% of the project costs. This requirement can only be waived in counties that qualify under the Rural Economic Development Initiative (REDI) Program.

Yes: No:

Is the applicant eligible for and requesting waiver of any required match? Yes: No:

If matching funds are proposed, explain the source and any limitations of those funds: County has funded the design and will provide funding for the construction after the design is complete.

B. COST ESTIMATE

Provide a summary of the estimated costs for the work proposed.

| PHASE OF WORK | GRANT FUNDS Requested | LOCAL FUNDS Committed |
|--|-----------------------|-----------------------|
| Design ¹ | \$0 | \$50,000 |
| Construction | \$829,453.2 | \$151,484.3 |
| Consultant Engineering Inspection (CEI) ¹ | \$ | \$75,000 |
| Other: | \$ | \$ |
| TOTAL ESTIMATED PROJECT COSTS: | \$1,105,937.5 | \$276,484.3 |

Detailed Design and Construction cost estimate is attached. (Use template provided with application materials in GAP.)

Design Estimates should provide details for each activity. Construction Estimates should use FDOT typical pay items to allow for verification of eligible project costs. **Estimate should be prepared and signed by a Professional Engineer.**

*Note¹: Pursuant to Section 337.14(7), F.S., design and CEI services **cannot** be performed by the same entity.*

PROJECT IMPLEMENTATION

1. Will the project be maintained by applicant?

Yes: No:

If not, describe how will the project be maintained and attach any existing agreements with the maintenance entity:

2. Will the project delivery be managed by the applicant?

Yes: No:

If not, provide the contact information for the managing agency:

3. Design to be conducted by:

- Agency staff
- County staff
- FDOT pre-qualified consultant ¹
- Non-FDOT pre-qualified consultant ¹

4. CEI to be conducted by:

- Agency staff
- County staff
- FDOT pre-qualified consultant ¹
- Non-FDOT pre-qualified consultant ¹

Note¹: Pursuant to Section 337.14(7), F.S., design and CEI services **cannot** be performed by the same entity.

5. Is the project consistent with the applicable local government comprehensive plan?

Yes: No: (Explain below):

6. Is the project included in the MPO Long Range Transportation Plan (LRTP)?

Yes: No: (Explain below):

Roadway Resurfacings are not under the purview of the MPO.

V. Certification of Project by Agency

I hereby certify that the proposed project herein described is supported by the Hernando County Board of County Commissioners_(applicant) and that said entity:

- (1) Shall provide any required local funding for cost overruns and/or non-participating project costs;
- (2) Shall enter into the State Funded Grant Agreement with the Florida Department of Transportation to perform the work;
- (3) Shall certify that no additional right of way is required to perform the work;
- (4) Has the legal right to construct the project within the identified right of way;
- (5) Shall acquire necessary permits required to construct the project;
- (6) Is responsible for all costs associated with utility relocation(s); and
- (7) Shall support other actions necessary to fully implement the proposed project.

I further certify that the estimated costs included herein are reasonable and that Hernando County (applicant) will follow through on the project once programmed in the Florida Department of Transportation's Work Program. I understand that failure to deliver the project within the fiscal year programmed and/or significant increases in estimated costs could cause the project to be removed from the Work Program and/or significantly increase the Agency's local funds participation.



Applicant Signature

J. Scott Herring, P.E.

Name

Public Works Director/County Engineer

Title

2/20/23

Date

Additional Applicant Signature *If Applicable

Click here to enter text

Name

Click here to enter text

Title

Click here to enter text

Date

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY
BY 
County Attorney's Office

COST ESTIMATE for Roadway Projects
Shoal Line Rd (Jewfish to Calienta St)
Mill and Repave 9,000 LF with Additional Safety Edge & AUDIBLE & VIBRATORY TREATMENTS (AVT)
Date: 03/01/2023

| Pay Item Number* | Pay Item Description* | Quantity | Unit | Engineer's Unit Cost | Total Engineer's Cost |
|--|---|----------|------|----------------------|------------------------|
| Roadway | | | | | |
| 1 | MOBILIZATION | 1 | LS | \$ 25,000.00 | \$ 25,000.00 |
| 2 | MAINTENANCE OF TRAFFIC | 1 | LS | \$ 40,000.00 | \$ 40,000.00 |
| 3 | SEDIMENT BARRIER | 18400 | LF | \$ 2.90 | \$ 53,360.00 |
| 4 | CLEARING AND GRUBBING | 1 | LS | \$ 12,500.00 | \$ 12,500.00 |
| 5 | ASPHALT MILLING 2" DEPTH MAX. millings delivered to County designated site. | 20450 | SY | \$ 4.15 | \$ 84,867.50 |
| 6 | 2" MIN 220LB/SY SP 12.5 TRAFFIC LEVEL C WITH (TACK COAT 0.06 GAL/SY) | 2500 | TONS | \$ 175.00 | \$ 437,500.00 |
| 7 | BORROW | 2500 | CY | \$ 23.50 | \$ 58,750.00 |
| 8 | PERFORMANCE TURF, SOD, MATCH EXISTING | 4800 | SY | \$ 3.95 | \$ 18,960.00 |
| 9 | TEMP PAINTING: ALL MILLED AND/OR DISTURBED PAVEMENT MARKINGS SHALL BE TEMP PAINTED MEETING FDOT REQUIREMENTS AT THE END OF EACH WORK DAY BEFORE THE CONTRACTOR LEAVES THE JOBSITE AND /OR OPENS THE ROADWAY FOR USE. (THIS SHALL COVER ALL REQUIRED TEMP PAINT STRIPING.) | 1 | LS | \$ 30,000.00 | \$ 30,000.00 |
| 10 | THERMOPLASTIC PPAVEMENT MARKINGS, RPMS, SIGNAGE ALONG WITH AUDIBLE & VIBRATORY TREATMENTS (AVT) | 1 | LS | \$ 125,000.00 | \$ 125,000.00 |
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| Subtotal | | | | | \$ 885,937.50 |
| Contingency | | | | | \$ 95,000.00 |
| Utility Work Estimated Cost** | | | | | |
| Total Cost of FDOT Non-Participating Items** | | | | | |
| Design Estimated Cost | | | | | \$ 50,000.00 |
| CEI Estimated Cost | | | | | \$ 75,000.00 |
| TOTAL PROJECT COST | | | | | \$ 1,105,937.50 |

Definitions

CEI - Construction Engineering and Inspection

Total Project Cost - Total cost of project

FDOT Non-Participating - Local funds not reimbursable

Non-participating Items:

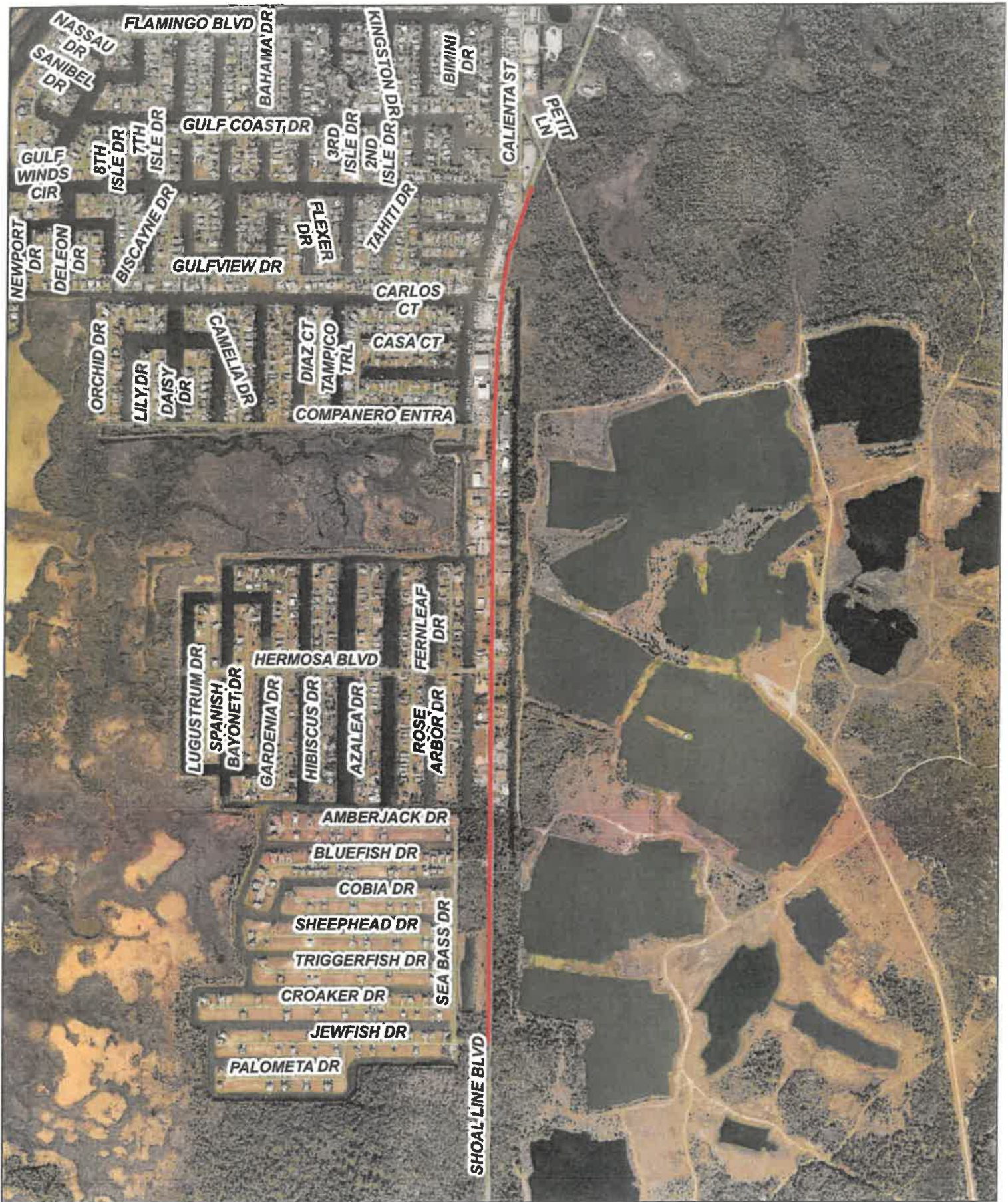
**Florida Statutes prohibit certain work types for funding opportunities, including capacity and pedestrian improvements.

For example, installation of sidewalks would require an alternate fund source.

**Utility work--this includes, but is not limited to: valve adjustments, utility relocations, FPL power pole relocations, AT&T directional bore, etc...

Signature: _____


D. Todd Crosby, P.E. 54000



Shoal Line Blvd Mill and Resurface SCOP

Hernando County Geographic Information System (GIS)
Standard Legal Disclaimer

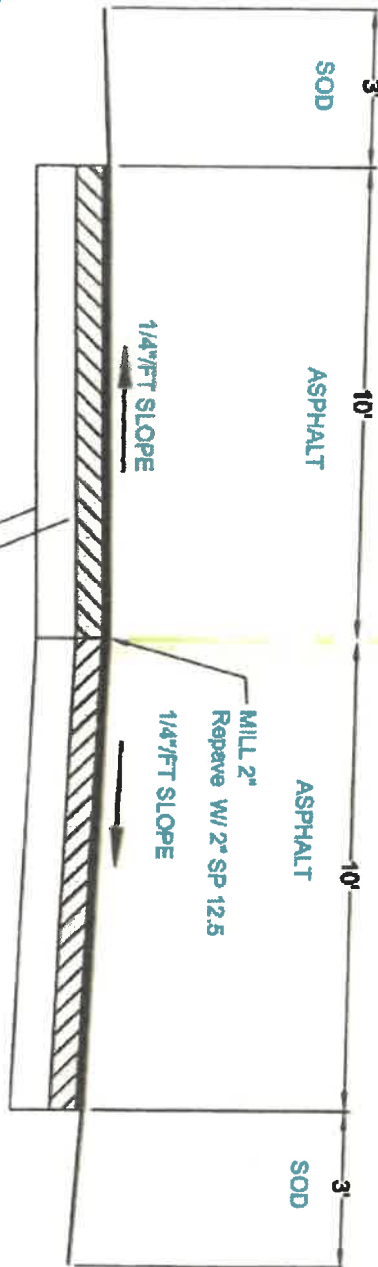
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COLLECTOR 2 LANE ROAD - OPEN DRAINAGE



TYPICAL SECTION
NOT TO SCALE



GENERAL NOTE:
DESIGN SPEED, RIGHT-OF-WAY, AND
ROADSIDE DIMENSIONS ARE MINIMUMS.
SITE CONDITION MAY REQUIRE INCREASES.
* VARIANCE IN HORIZONTAL DESIGN SPEED ALLOWED
WITH JUSTIFICATION AND APPROPRIATE SIGNAGE
ALL DIMENSIONS ARE TYPICAL AND SHOWN IN FEET,
UNLESS NOTED OTHERWISE

DESIGN SPEED = 40 MPH *

8" LIMESTONE BASE - COMPACTED TO 98%
AASHTO T-189 METHOD - LBR 100
12" TYPE "B" STABILIZED SUBGRADE - LBR 40
ALTERATIVE BASE / SUB BASE SECTION - 13.5" LIMESTONE
BASE PLACED IN
TWO LBS. COMPACTED TO 98% AASHTO T-189 METHOD

HERNANDO COUNTY
PUBLIC WORKS
ENGINEERING DEPARTMENT
1525 E. JEFFERSON ST.
BROOKSVILLE, FLORIDA 34601
PH. (352)754-4082 FAX. (352)754-4423

TITLE: ROADWAY STANDARDS
COLLECTOR 2 LANE - OPEN

APPROVED BY: _____ **DATE:** 03-14-2011 **NO.:** IV-09