

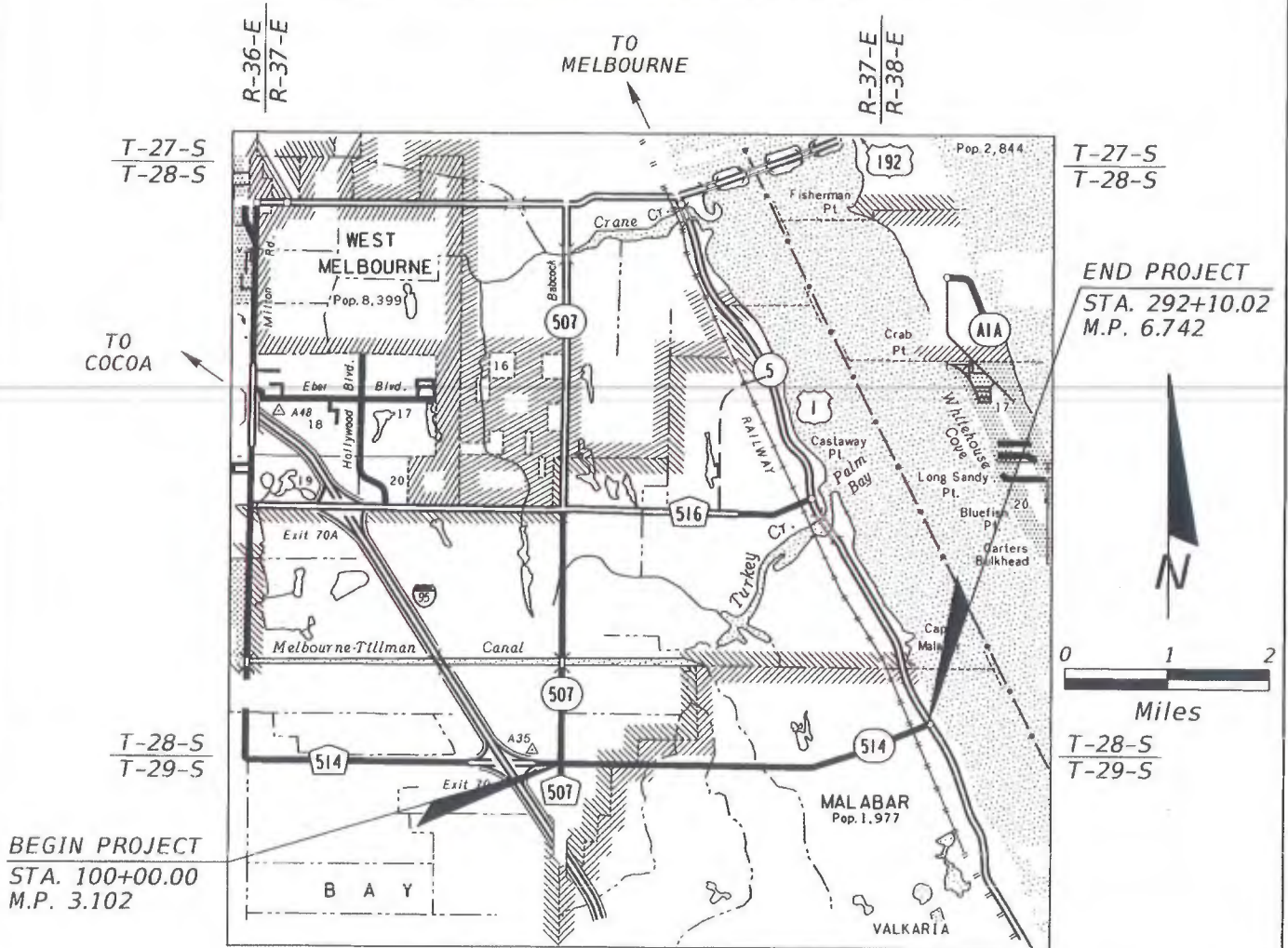
## **APPENDIX G**

### **Typical Section Package**

**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTION PACKAGE**

FINANCIAL PROJECT ID. 430136-1-22-01  
FEDERAL AID PROJECT ID. N/A  
BREVARD COUNTY

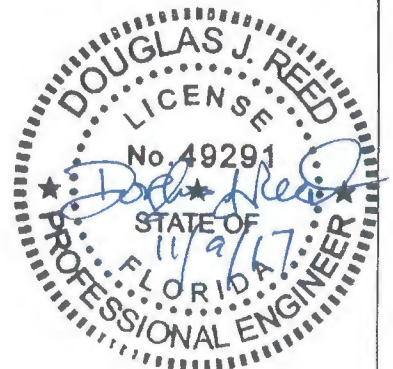
**WIDENING AND RECONSTRUCTION OF S.R.514 (MALABAR RD.)  
FROM S.R. 507 (BABCOCK ST.) TO U.S. 1**



BEGIN PROJECT  
STA. 100+00.00  
M.P. 3.102

END PROJECT  
STA. 292+10.02  
M.P. 6.742

ATKINS NORTH AMERICA, INC.  
482 SOUTH KELLER ROAD  
ORLANDO, FLORIDA 32810  
(407) 647-7275



## PROJECT IDENTIFICATION

FINANCIAL PROJECT ID 430136-1-22-01 COUNTY (SECTION) BREVARD (70)  
 PROJECT DESCRIPTION SR 514 (MALABAR RD) FROM SR 507 (BABCOCK ST) TO US 1

## PROJECT CONTROLS

FUNCTIONAL CLASSIFICATION	HIGHWAY SYSTEM
<input type="checkbox"/> RURAL <input checked="" type="checkbox"/> URBAN <input type="checkbox"/> FREEWAY/EXPWY. <input type="checkbox"/> MAJOR COLL. <input type="checkbox"/> PRINCIPAL ART. <input type="checkbox"/> MINOR COLL. <input checked="" type="checkbox"/> MINOR ART. <input type="checkbox"/> LOCAL	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/> NATIONAL HIGHWAY SYSTEM <input type="checkbox"/> <input checked="" type="checkbox"/> STRATEGIC INTERMODAL SYSTEM <input checked="" type="checkbox"/> <input type="checkbox"/> STATE HIGHWAY SYSTEM <input type="checkbox"/> <input checked="" type="checkbox"/> OFF STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION	TRAFFIC																		
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CRITERIA																					
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Road to Road	Mile Post	Design	Posted																		
Babcock St. - Weber Rd.	MP 3.102 - MP 4.087:	45 MPH	45 MPH																		
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Corey Rd. - Marie St.	MP 5.084 - MP 6.129:	55 MPH	50 MPH																		
Marie St. - US 1	MP 6.129 - MP 6.742:	40 MPH	35 MPH																		

LIST ANY POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION ELEMENTS:  
 VARIATION: BORDER WIDTH

LIST MAJOR STRUCTURES LOCATION/DESCRIPTION - REQUIRING INDEPENDENT STRUCTURE DESIGN:  
 NONE

LIST MAJOR UTILITIES WITHIN PROJECT CORRIDOR:

- Brevard County Water Resources	- Florida Gas Transmission	- Sprint/Nextel
- Century Link/Qwest	- Florida Power & Light Distribution	- TW Telecom
- City of Cocoa	- Florida Power & Light Transmission	
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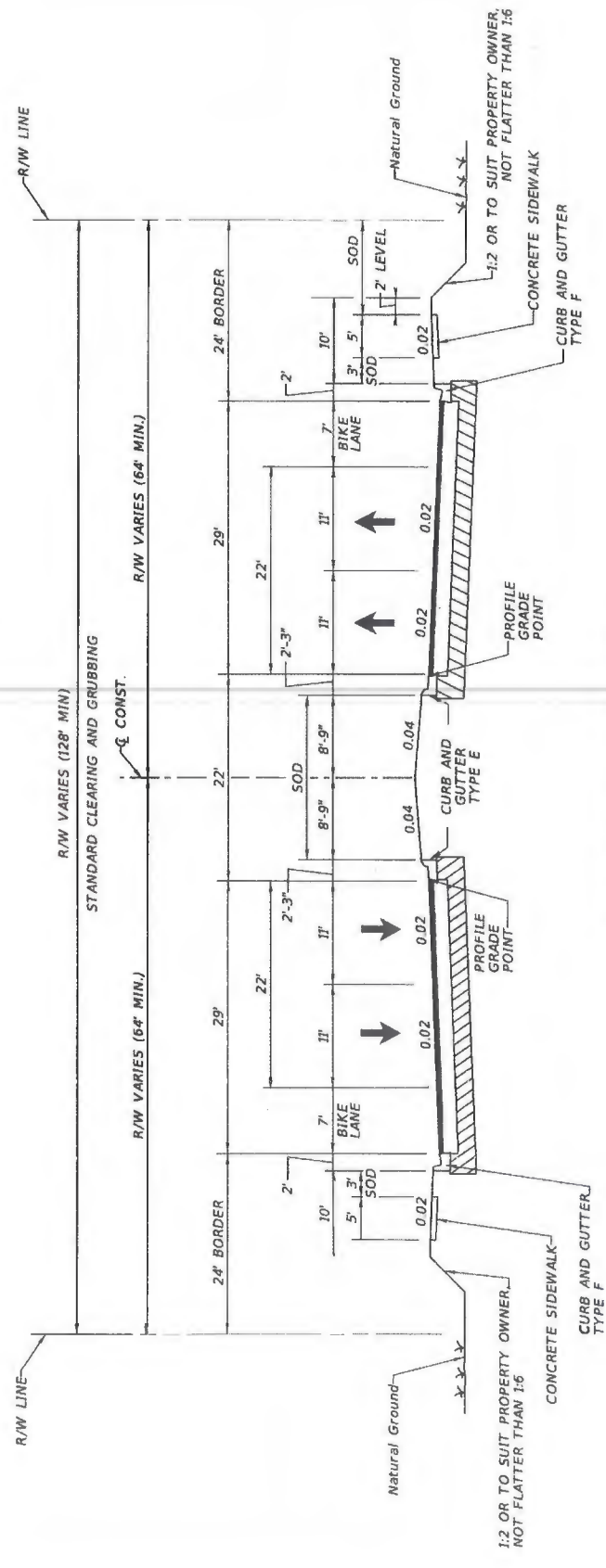
LIST OTHER INFORMATION PERTINENT TO DESIGN OF PROJECT:



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

# PROJECT IDENTIFICATION

FINANCIAL PROJECT ID 430136-1-22-01 FEDERAL AID PROJECT NO. N/A COUNTY NAME BREVARD (70)  
 SECTION NO. 70180000 ROAD DESIGNATION SR 514 (MALABAR ROAD) LIMITS/MILEPOST MP 3.102 TO MP 6.742  
 PROJECT DESCRIPTION SR 514 (MALABAR RD) FROM SR 507 (BABCOCK ST) TO US 1

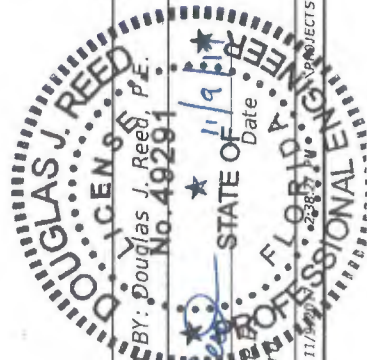


DESIGN SPEED = 45 MPH  
 STA. 100+00 TO STA. 152+00  
 (M.P. 3.102 TO M.P. 4.087)  
 BABCOCK ST. TO WEBER RD.

FHWA CONCURRENCE

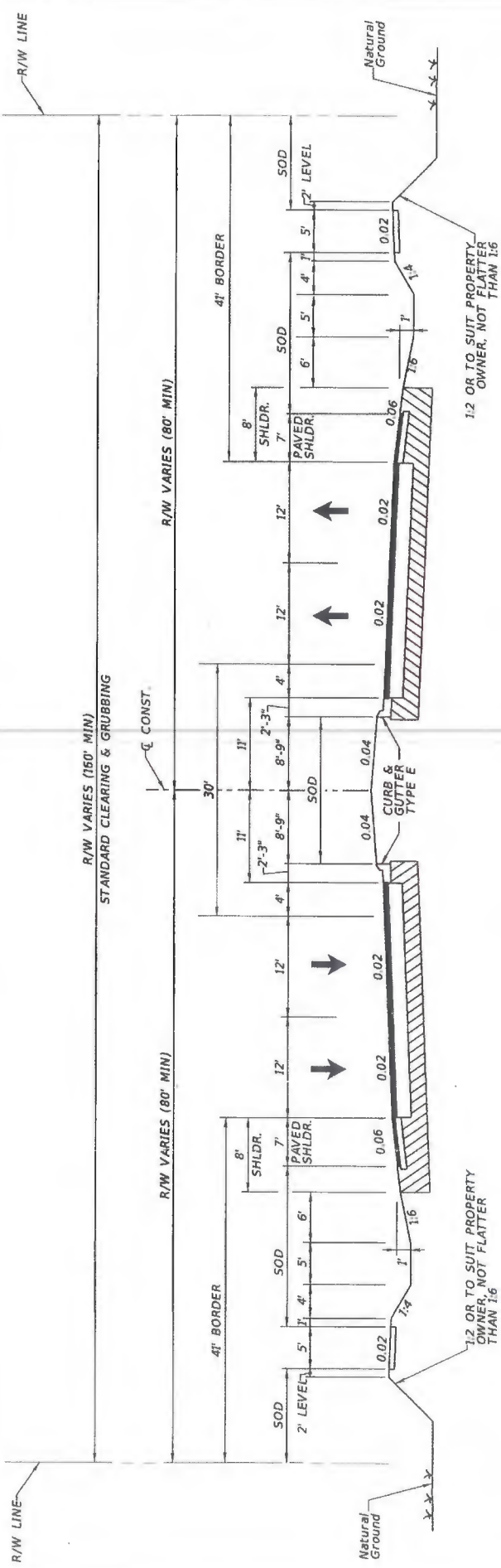
~~FDOT CONCURRENCE~~

APPROVED BY: *Douglas J. Reed* No. 49291  
 STATE OF FLORIDA PROFESSIONAL ENGINEER  
 Douglas J. Reed, P.E. Date 11/19/17  
 Mario Bizzio, P.E. Date \_\_\_\_\_  
 FDOT District Design Engineer FHWA Transportation Engineer



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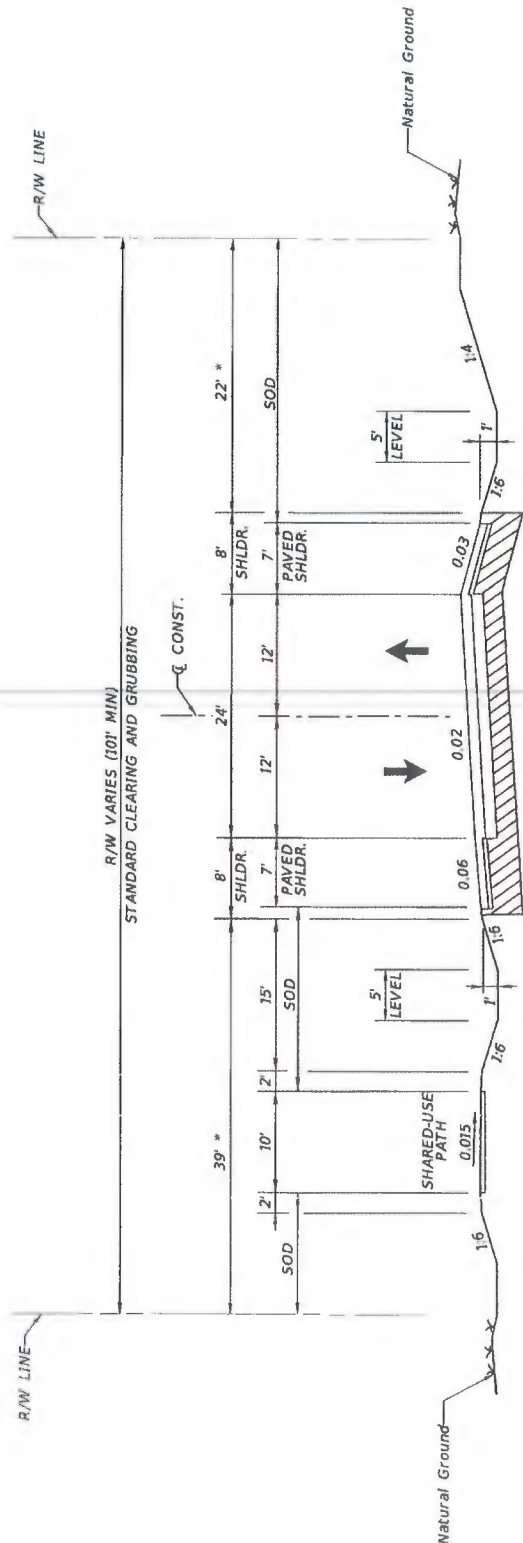
DESIGN SPEED = 55 MPH  
 STA. 152+00 TO STA. 204+50  
 (M.P. 4.087 TO M.P. 5.084)  
 WEBER RD. TO COREY RD.



APPROVED BY: Douglas J. Reed, P.E.  
 Date: 11/14/17  
 Engineer Of Record: Mario Bizzio, P.E.  
 Date: 11/14/17  
 FHWA CONCURRENCE: [Signature]  
 Date: 11/14/17  
 FHWA Transportation Engineer: [Signature]

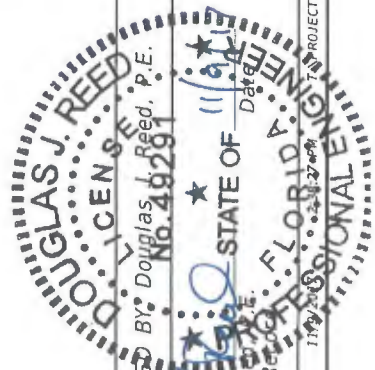
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\* VARIATION REQUIRED: 40' STANDARD

DESIGN SPEED = 55 MPH  
 STA. 204+50 TO STA. 260+00  
 (M.P. 5.084 TO M.P. 6.129)  
 COREY RD. TO MARIE ST.



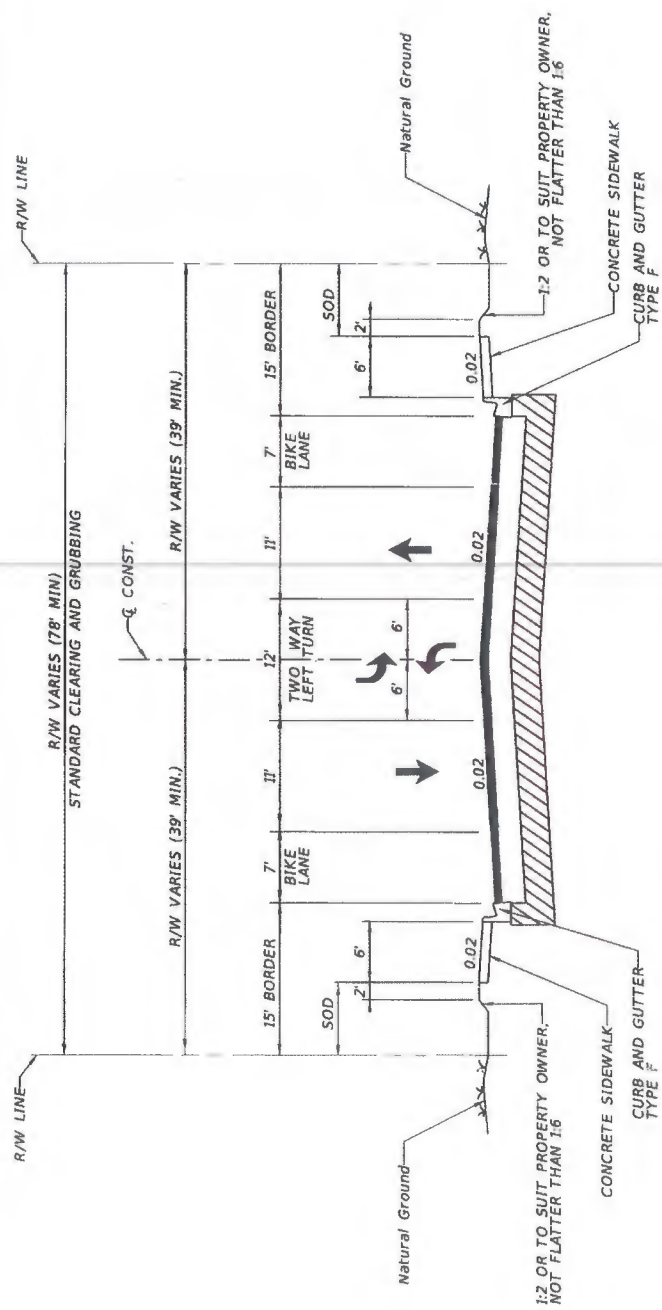
APPROVED BY: *Douglas J. Reed*  
 Douglas J. Reed, P.E.  
 Engineer of Record  
 Date: 11/14/17

Mario Bizzio, P.E.  
 FDOT District Design Engineer  
 Date: 11/14/17

FDOT CONCURRENCE  
 FHWA CONCURRENCE  
 FHWA Transportation Engineer

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DESIGN SPEED = 40 MPH  
 STA. 260+00 TO STA. 292+10.02  
 (M.P. 6.129 TO M.P. 6.742)  
 MARIE ST. TO U.S. 1

**DOUGLAS J. REED**  
 LICENSED PROFESSIONAL ENGINEER  
 No. 48291

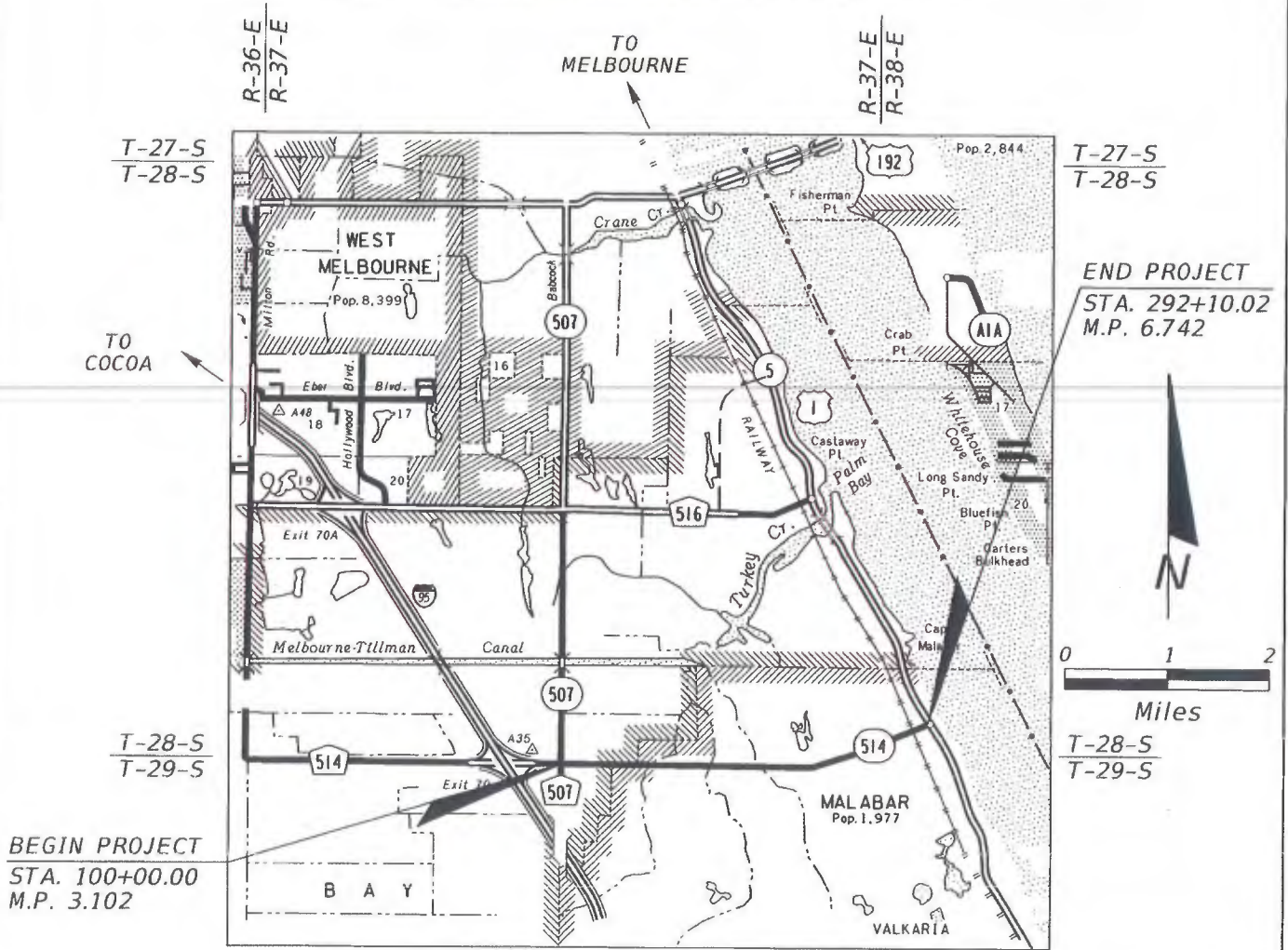
APPROVED BY: *Douglas J. Reed*, P.E.  
 Douglas J. Reed, P.E.  
 Engineer of Record, FLORIDA PROFESSIONAL ENGINEERING

Date: 11/14/17  
 Date: \_\_\_\_\_  
 FHWA Transportation Engineer: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 FHWA CONCURRENCE

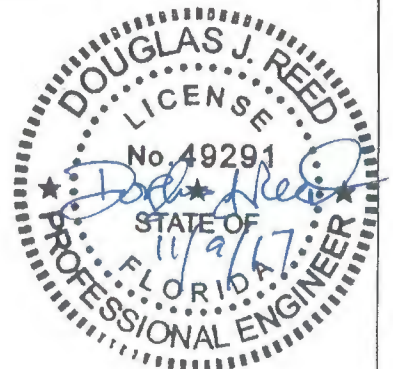
**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTION PACKAGE**

FINANCIAL PROJECT ID. 430136-1-22-01  
FEDERAL AID PROJECT ID. N/A  
BREVARD COUNTY

**WIDENING AND RECONSTRUCTION OF S.R.514 (MALABAR RD.)  
FROM S.R. 507 (BABCOCK ST.) TO U.S. 1**



ATKINS NORTH AMERICA, INC.  
482 SOUTH KELLER ROAD  
ORLANDO, FLORIDA 32810  
(407) 647-7275





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LIST ANY POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION ELEMENTS:  
 VARIATION: BORDER WIDTH

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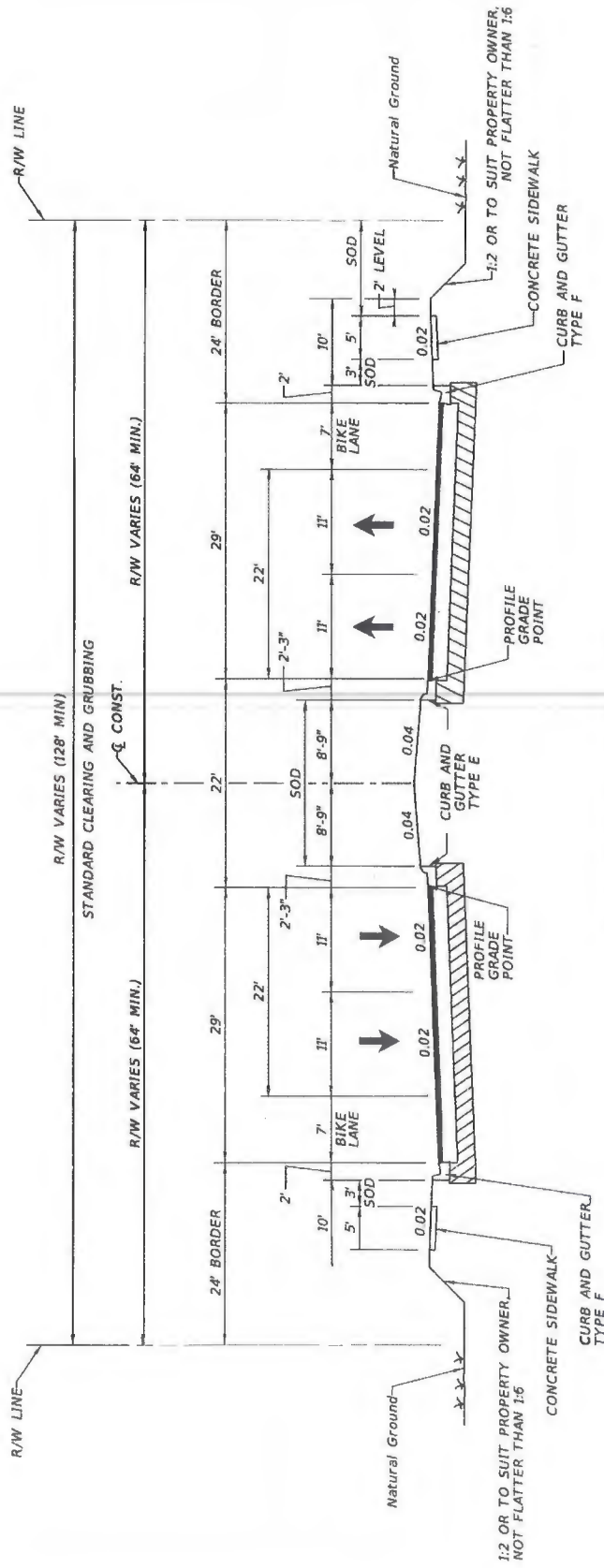
LIST OTHER INFORMATION PERTINENT TO DESIGN OF PROJECT:



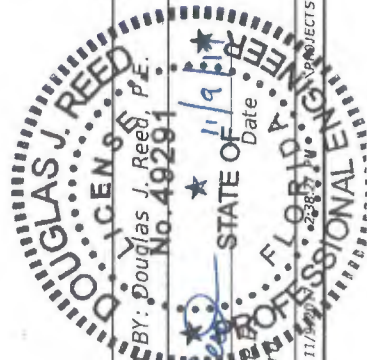
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DESIGN SPEED = 45 MPH  
 STA. 100+00 TO STA. 152+00  
 (M.P. 3.102 TO M.P. 4.087)  
 BABCOCK ST. TO WEBER RD.



APPROVED BY: *Douglas J. Reed*  
 Douglas J. Reed, P.E.  
 Engineer Of Record

*Mario Bizzio*  
 Mario Bizzio, P.E.  
 FDOT District Design Engineer

DATE OF RECORD: 11/19/17  
 Date

CONCURRENCE: 11/14/17  
 Date

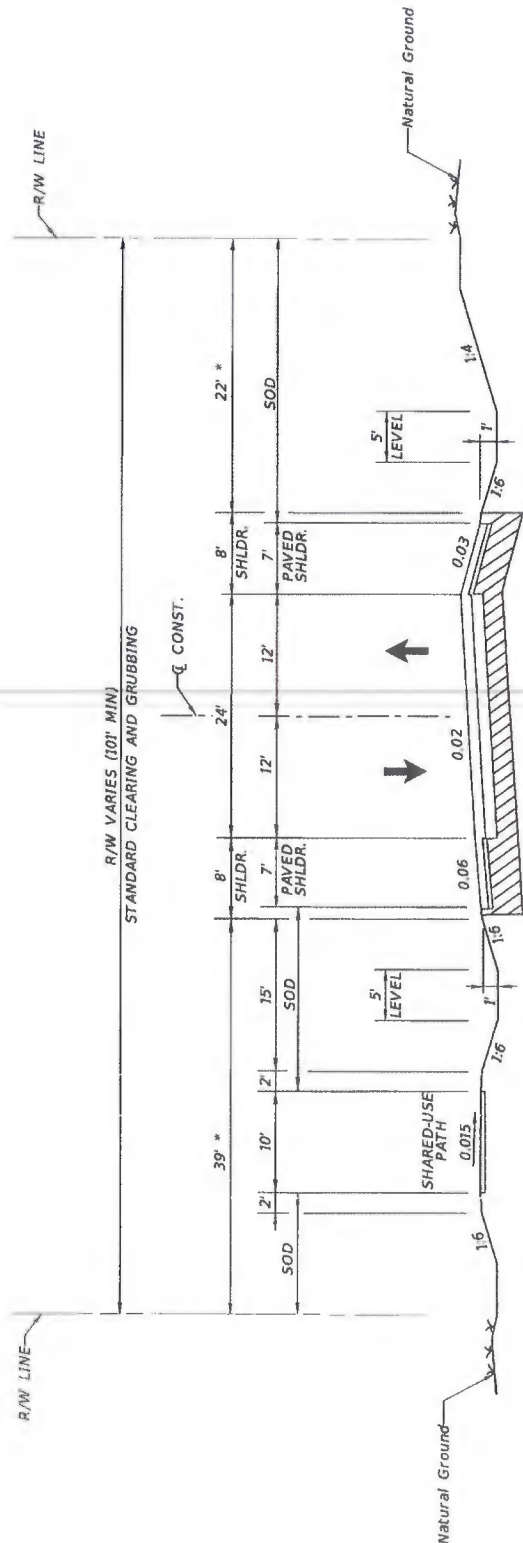
FHWA CONCURRENCE

FHWA Transportation Engineer



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\* VARIATION REQUIRED: 40' STANDARD

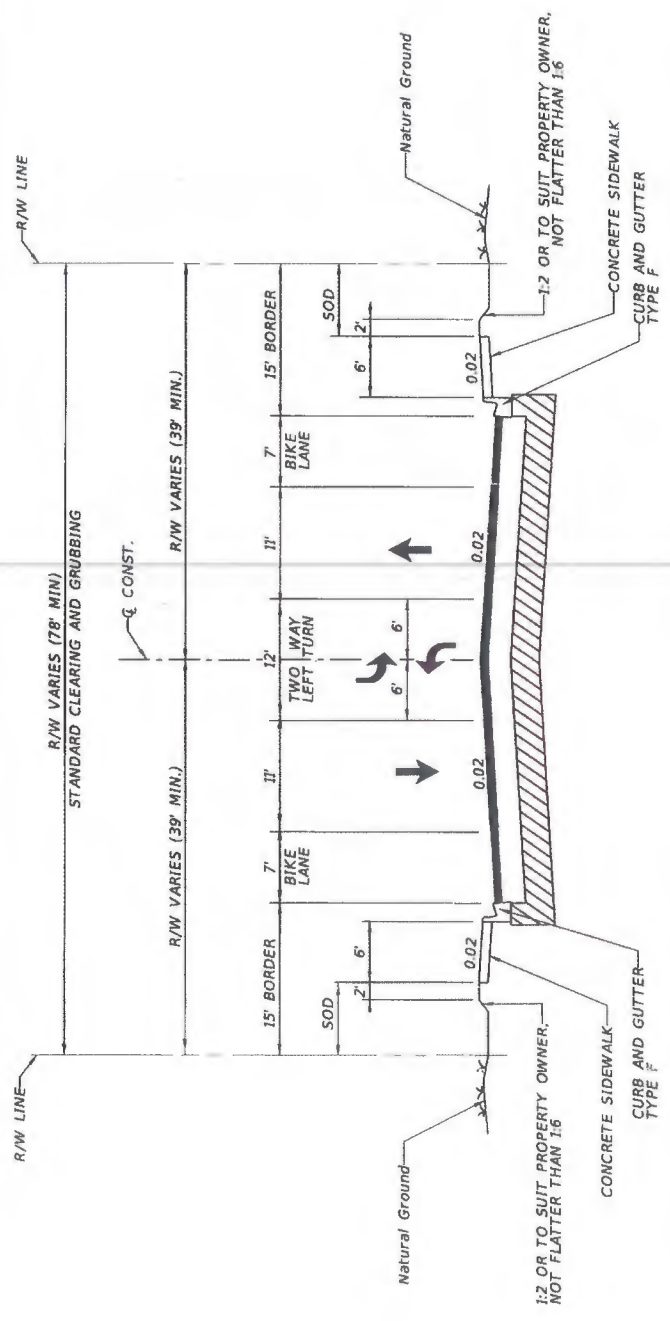
DESIGN SPEED = 55 MPH  
 STA. 204+50 TO STA. 260+00  
 (M.P. 5.084 TO M.P. 6.129)  
 COREY RD. TO MARIE ST.

APPROVED BY: *Douglas J. Reed*, P.E.  
 No. 49291  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 License No. 11614

APPROVED BY: *Mario Bizzio*, P.E.  
 Date: 11/14/17  
 FDOT District Design Engineer  
 FDOT CONCURRENCE  
 FHWA CONCURRENCE  
 Date: \_\_\_\_\_  
 FHWA Transportation Engineer

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DESIGN SPEED = 40 MPH  
 STA. 260+00 TO STA. 292+10.02  
 (M.P. 6.129 TO M.P. 6.742)  
 MARIE ST. TO U.S. 1

APPROVED BY: *Douglas J. Reed*, P.E.  
 No. 48291

*Douglas J. Reed*, P.E.  
 Engineer of Record, FLORIDA PROFESSIONAL ENGINEERING

DATE: 11/14/17

FDOT CONCURRENCE  
 FHW A CONCURRENCE

Mario Bizzio, P.E.  
 FDOT District Design Engineer

Date: 11/14/17

Date: \_\_\_\_\_  
 FHW A Transportation Engineer