

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANSA DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SUMMARY OF PAY ITEMS
3	TYPICAL SECTION
4-5	TYPICAL SECTION DETAILS
6-7	SUMMARY OF QUANTITIES
8	PROJECT LAYOUT
9	STORMWATER POLLUTION PREVENTION PLAN
10	TRAFFIC CONTROL PLANS

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED JANUARY 2004,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2004,
AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 7-1-05

FOR DESIGN STANDARDS MODIFICATIONS CLICK ON
"DESIGN STANDARDS" AT THE FOLLOWING WEB SITE:
<http://www.dot.state.fl.us/rddesign>415509-1-52-01 Computation Book No. 1
Field Book No. 001This Project was constructed in
substantial compliance with these plans
as provided by the engineer of record.
These plans reflect "As-Built" conditions
and no changes were made to the plans.
Project Administrator
Date
May 4 of 2006STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

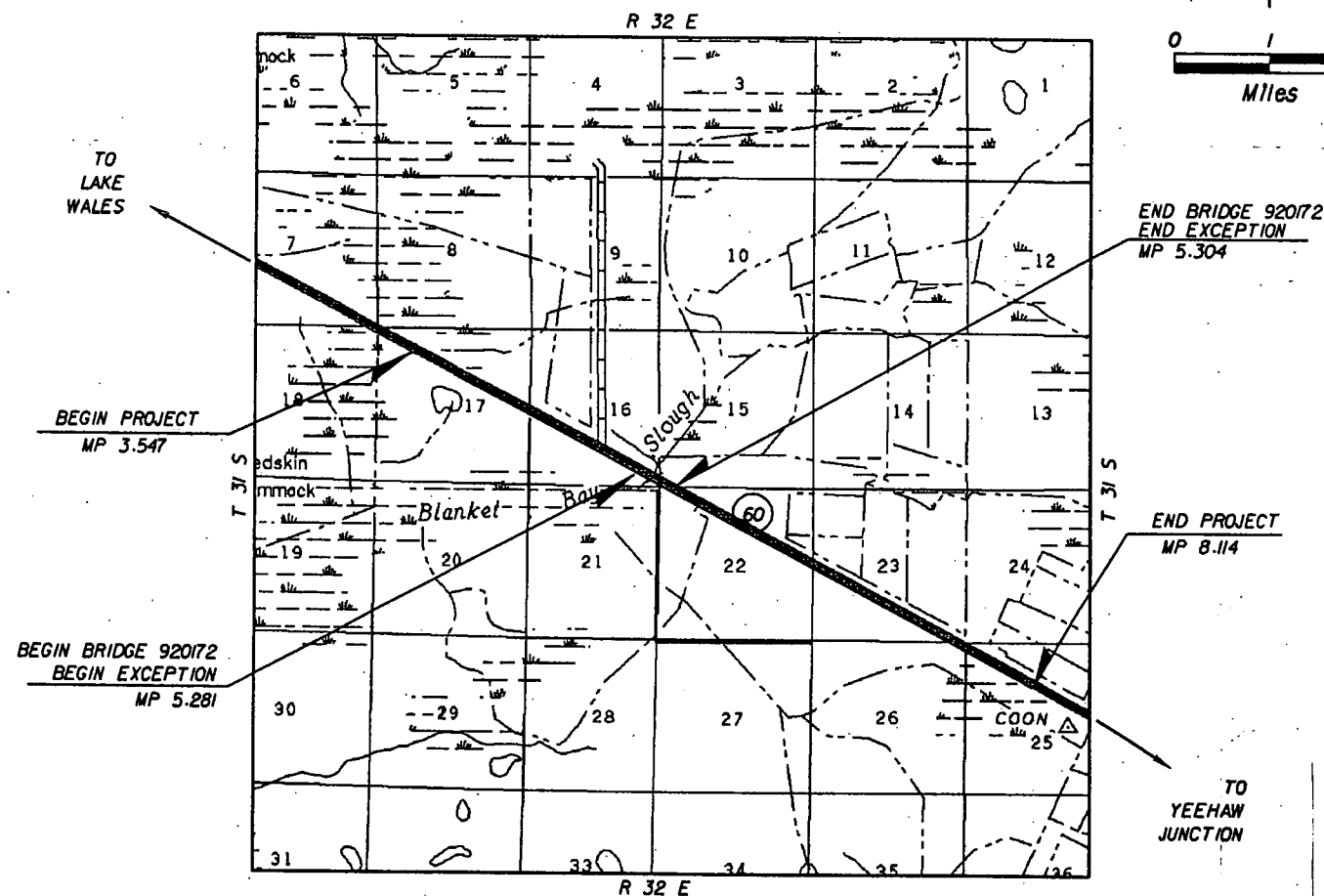
Final "As-Built" Plans

FINANCIAL PROJECT ID 415509-1-52-01

(FEDERAL FUNDS)

OSCEOLA COUNTY (92070)

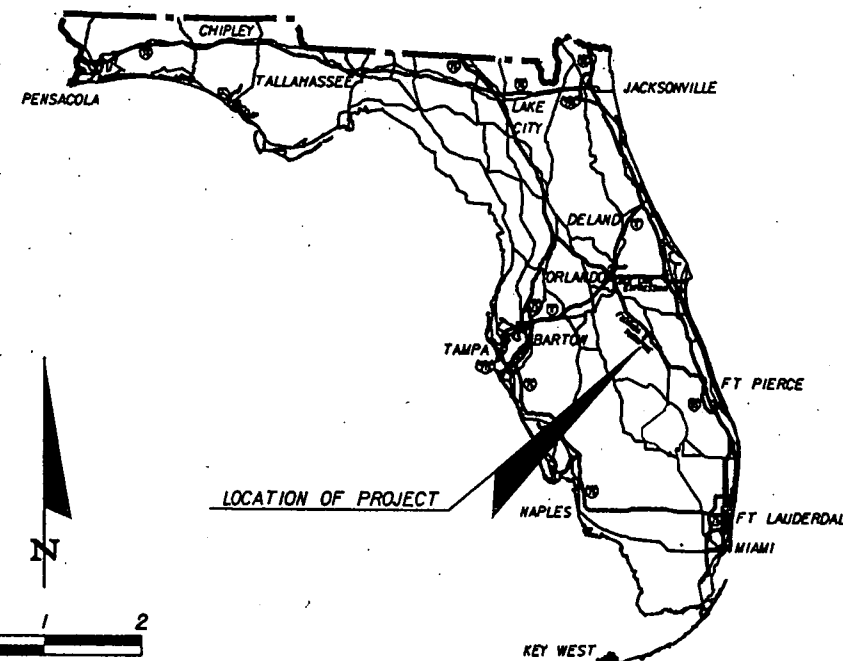
STATE ROAD NO. 60



PROJECT LENGTH IS BASED ON @ SURVEY

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	23,992.32	4.544
BRIDGES		
NET LENGTH OF PROJECT	23,992.32	4.544
EXCEPTIONS	121.44	0.023
GROSS LENGTH OF PROJECT	24,113.76	4.567

FDOT PROJECT MANAGER: ANZEE CLEVELAND

0 1 2
MilesROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:BASKERVILLE-DONOVAN, INC.
2052 CENTRE POINTE BLVD.
TALLAHASSEE, FL 32308
(850)656-1212
MR. GREG K. BOWYER

PLANS PREPARED BY:

BASKERVILLE-DONOVAN, INC.
2052 CENTRE POINTE BLVD.
TALLAHASSEE, FL 32308
(850)656-1212
VENDOR NO.: 59-085-7184
CERT. OF AUTH. EB-0000340
MR. LANE P. LUCAS, P.E.
CONTRACT NO. C-8872NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

Name of Contractor:	Elmo Greer & Sons, LLC
Consultant:	KCCS, Inc.
District Secretary:	George Gilhooley, P.E.
Resident Engineer:	Donald Budnovich, P.E.
Project Manager:	Todd Womick, P.E.
Project Administrator:	Gerald "Wes" Jones, KCCS, Inc.
Date Work Started:	01-30-06
Date Work Final Accepted:	04-28-06

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION
5/5/2006	JS	SHEET 5A-5G - AS-BUILT PAVEMENT
	JS	SHEET 6 GUARDRAIL
	JS	SHEET 5-2 SIGN & FINAL PAVEMENT MARKINGS
	JS	SHEET 7 SLOPING & EROSION CONTROL

ROADWAY PLANS
ENGINEER OF RECORD: LANE P. LUCAS

P.E. NO. 53936

FISCAL YEAR	SHEET NO.
06	1

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPOSAL SUMMARY OF PAY ITEMS

PAGE: 1 A0001

PPROPQTY 06/10/05

PROPOSAL : T5125 LEAD FINPROJ : 41550915201 COUNTY : OSCEOLA
FINPROJ(S): 41550915201 COUNTY/SECTION: 92070000

MANDIST: 05

0001 SUMMARY OF ROADWAY			PAY ITEMS		
S	ALT	ITEM	ITEM	UN	QUANTITY TOTAL
P		NUMBER	DESCRIPTION	IT	
C					
		10101- 1-	IMOBILIZATION	ILS	1.000
		10102- 1-	IMAINTEANCE OF TRAFFIC	ILS	1.000
		10102- 60-	IWORK ZONE SIGNS	IED	680.000
		10102- 74- 1	IBARRICADE (TEMPORARY) (TYPES 1, 11, VP & DRUM)	IED	5400.000
		10102- 77-	IHIGH INTENSITY FLASHING LIGHTS (TEMP - TYPE B)	IED	360.000
		10102- 78-	IMARKER PAVT REFLECTIVE (TEMPORARY)	IEA	1341.000
		10102- 99-	ICHANGEABLE-VARIABLE MESSAGE SIGN (TEMPORARY)	IED	180.000
		10104- 4-	IMOWING	IAC	107.400
		10104- 10- 1	IHAY OR STRAW BALE (18" X 18" X 36")	IEA	264.000
		10104- 13- 1	ISILT FENCE STAKED (TYPE 111)	ILF	825.000
		10327- 70- 4	IMILLING EXIST ASPH PAVT (3" AVG DEPTH)	ISY	55018.000
		10327- 70- 17	IMILLING EXIST ASPH PAVT (3/4" AVG DEPTH)	ISY	16964.000
		10334- 1- 13	ISUPERPAVE ASPHALTIC CONC (TRAFFIC C)	ITN	13239.900
		10337- 7- 6	IASPH CONC FRICTION COURSE(INC BIT/RUBBER)FC 12.5(ITN	2074.000
		10337- 7- 7	IASPH CONC FRICTION COURSE(INC BIT / RUBBER) (FC-9	ITN	3377.400
		10339- 1-	IASPHALT PAVEMENT MISCELLANEOUS	ITN	13.300
		10430-174-125	IPIPE CULV(OPT MATL)(ROUND)(18"SD)	ILF	90.000
		10430-984-125	IMITERED END SECTION (OPTIONAL ROUND) (18" SD)	IEA	7.000
		10430-984-129	IMITERED END SECTION (OPTIONAL ROUND) (24" SD)	IEA	2.000
		10536- 1- 1	IGUARDRAIL (ROADWAY)	ILF	200.000
		10536- 1- 6	IGUARDRAIL (BRIDGE, THRIE BEAM)	ILF	175.000
		10536- 8-	IGUARDRAIL BRIDGE ANCHORAGE ASSEM	IEA	4.000
		10536- 8- 6	IGUARDRAIL BRIDGE ANCHORAGE ASSEMBLY (REMOVE)	IEA	4.000
		10536- 73-	IGUARDRAIL REMOVAL	ILF	375.000
		10536- 85- 22	IGUARDRAIL END ANCHORAGE ASSEMBLY FLARED	IEA	4.000
		10575- 1-	ISODDING	ISY	9677.000
		10710- 6-	IDIRECTIONAL ARROWS, PAINTED	IEA	4.000
		10710- 7-	IPAVT MESSAGE, PAINTED	IEA	4.000
		10710- 21-	ITRAFFIC STRIPE SKIP (WHITE/BLACK)	IGM	0.718
		10710- 22-	ITRAFFIC STRIPE SKIP (YELLOW)	IGM	2.636
		10710- 23- 61	ITRAFFIC STRIPE SOLID (WHITE/BLACK/BLUE)(6")	INM	9.134
		10710- 24- 61	ITRAFFIC STRIPE SOLID (YELLOW) (6")	INM	3.862
		10999- 25-	INITIAL CONTINGENCY AMOUNT (DO NOT BID)	ILS	1.000

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPOSAL SUMMARY OF PAY ITEMS


PAGE: 2 A0002

PPROPQTY 06/10/05

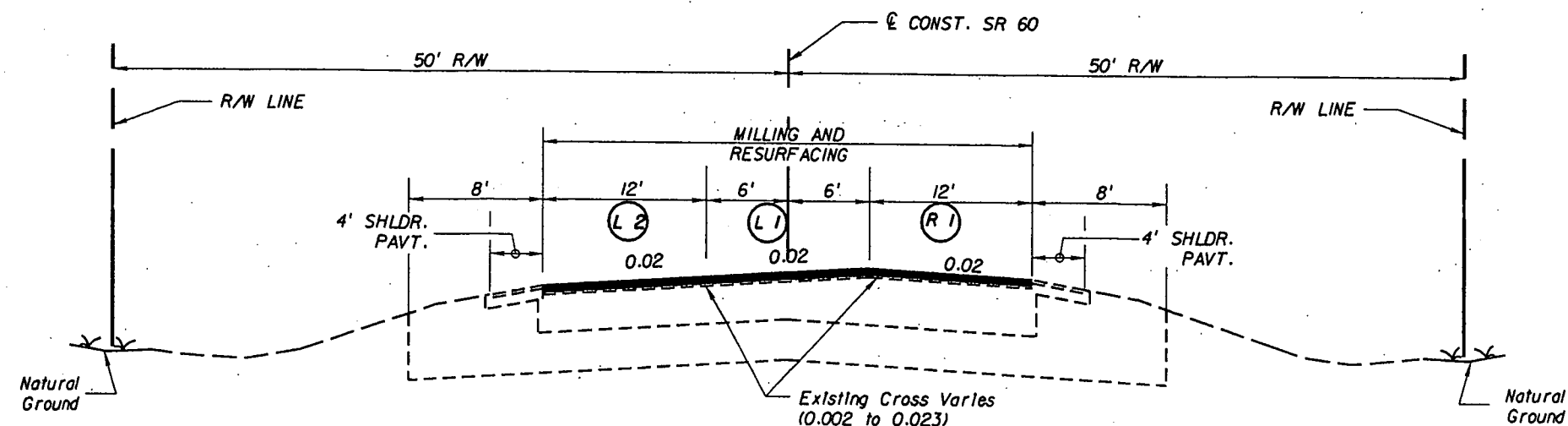
PROPOSAL : T5125 LEAD FINPROJ : 41550915201 COUNTY : OSCEOLA
FINPROJ(S): 41550915201 COUNTY/SECTION: 92070000

MANDIST: 05

0002 SUMMARY OF SIGNING			PAY ITEMS		
S	ALT	ITEM	ITEM	UN	QUANTITY TOTAL
P		NUMBER	DESCRIPTION	IT	
C					
		10700- 40- 1	ISIGN SINGLE POST (LESS THAN 12)	IAS	9.000
		10700- 41- 10	ISIGN MULTI POST (50 OR LESS)	IAS	2.000
		10700- 46- 11	ISIGN EXISTING (REMOVAL) (SINGLE POST)	IAS	9.000
		10700- 46- 12	ISIGN EXISTING (REMOVAL) (MULTI - POST)	IAS	2.000
		10705- 1-	IDELINEATOR SINGLE UNIT	IEA	22.000
		10710- 90-	IPAIINTED PAVEMENT MARKINGS(FINAL SURFACE)	ILS	1.000

REVISIONS						 BASKERVILLE-DONOVAN, INC. INNOVATIVE INFRASTRUCTURE SOLUTIONS 2052 CENTRE POINTE BLVD., STE. 100 TALLAHASSEE, FL 32308 ENGINEERING BUSINESS: EB-0000340 LANE P. LUCAS P.E. LICENSE NO. 53936	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO. 2
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							60	OSCEOLA	415509-1-52-01		

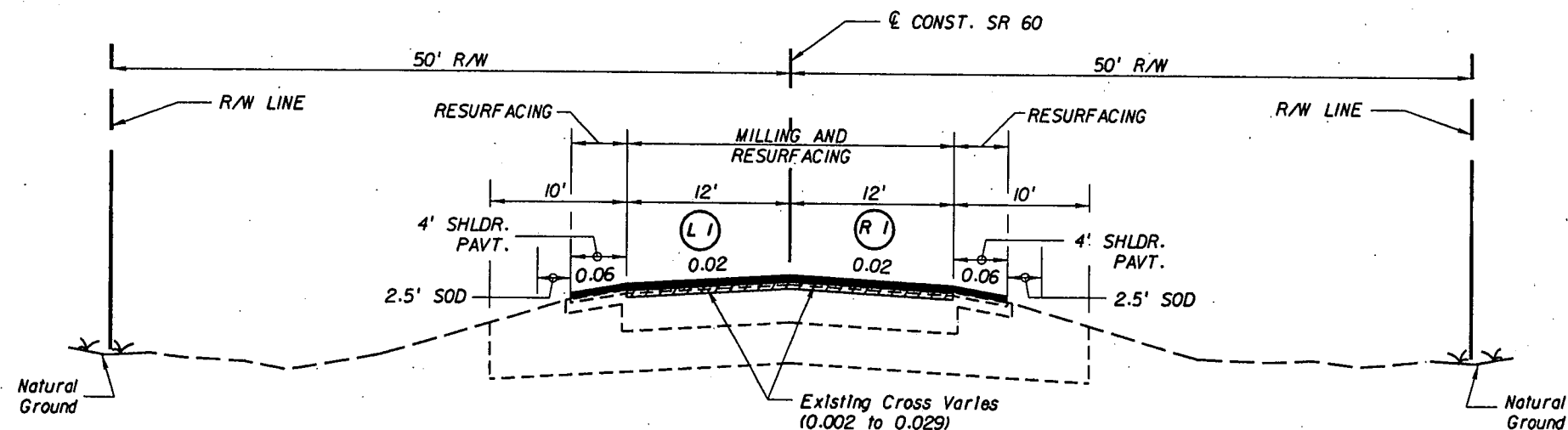
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TYPICAL SECTION #1
SR 60
M.P. 3.547 TO M.P. 4.820
DESIGN SPEED = 65 MPH

TRAFFIC DATA

CURRENT YEAR ESTIMATE = 2004 AADT = 5500
 OPENING YEAR ESTIMATE = 2006 AADT = 5800
 DESIGN YEAR ESTIMATE = 2026 AADT = 7900
 K = 10.7% D = 61.6% T = 40.3% (24 HOUR)
 DESIGN HOUR T = 38.4%
 DESIGN SPEED = 65 MPH



TYPICAL SECTION #2
SR 60
M.P. 4.820 TO M.P. 5.281
M.P. 5.304 TO M.P. 8.114
DESIGN SPEED = 65 MPH

LANES L2 & R1
MILLING

MILL EXISTING ASPHALT PAVEMENT (3 1/4 IN AVG. DEPTH)

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
 AND FRICTION COURSE FC-12.5 (FC-6) (1.5") (RUBBER)

LANES L1
MILLING

MILL EXISTING ASPHALT PAVEMENT (3 IN AVG. DEPTH)

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
 AND FRICTION COURSE FC-12.5 (FC-6) (1.5") (RUBBER)

LANES L1 & R1
MILLING


MILL EXISTING ASPHALT PAVEMENT (3 IN AVG. DEPTH)

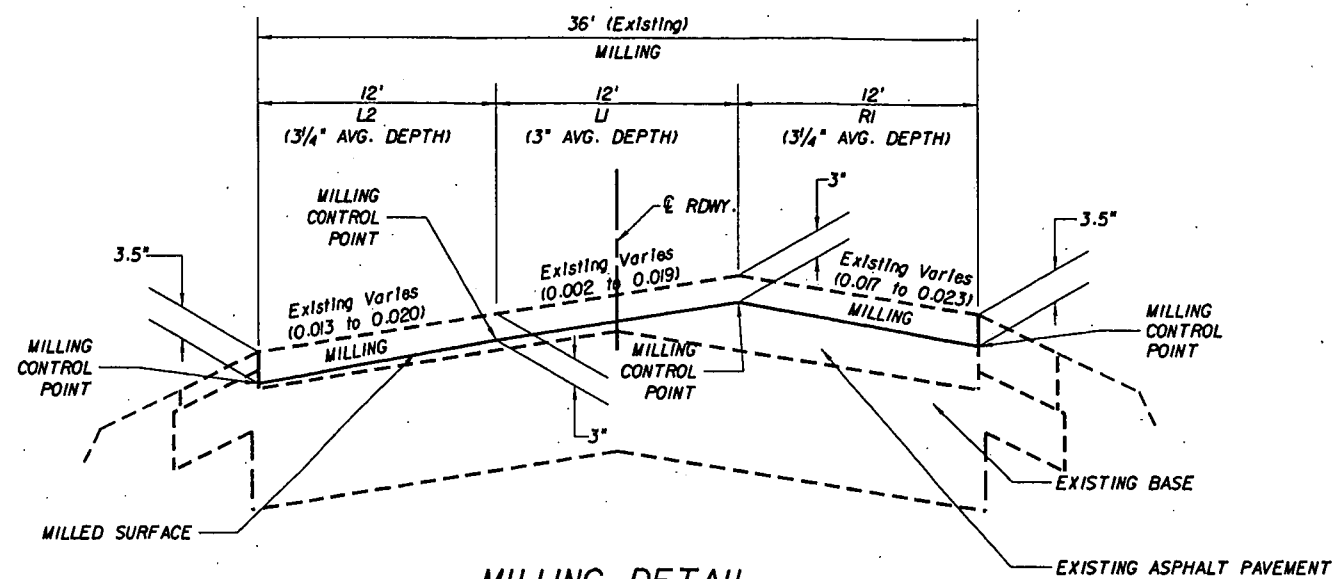
RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
 AND FRICTION COURSE FC-9.5 (1") (RUBBER)

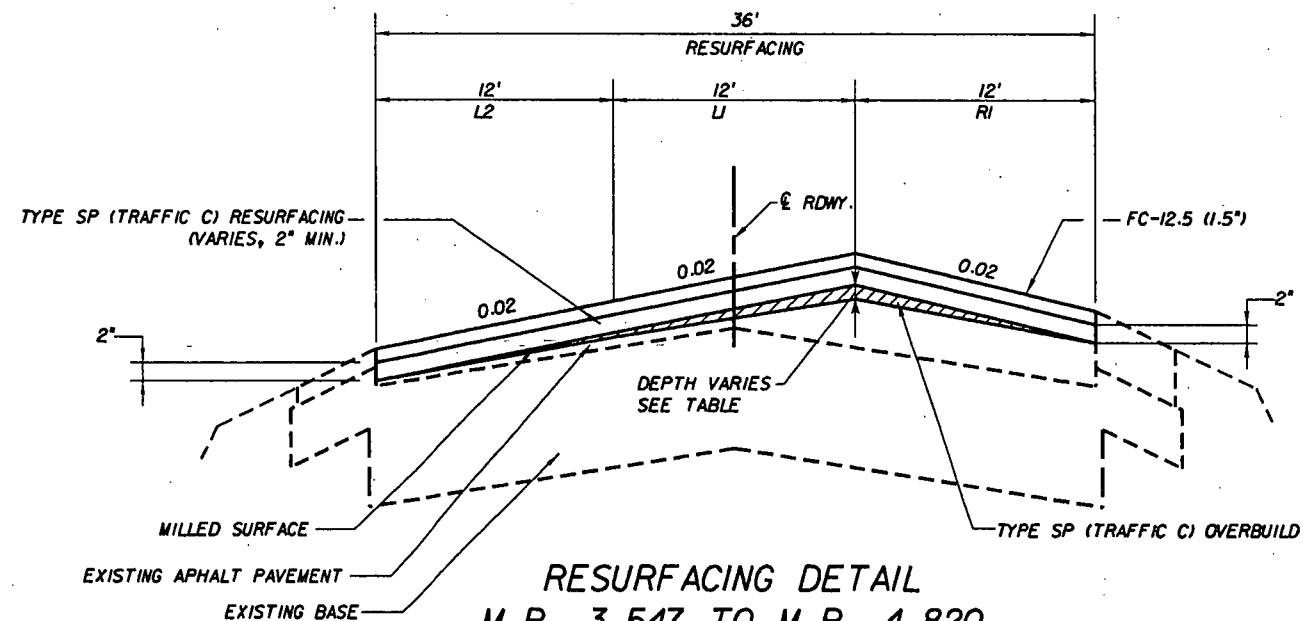
SHOULDERS
RESURFACING

FRICTION COURSE FC-9.5 (1") (RUBBER)

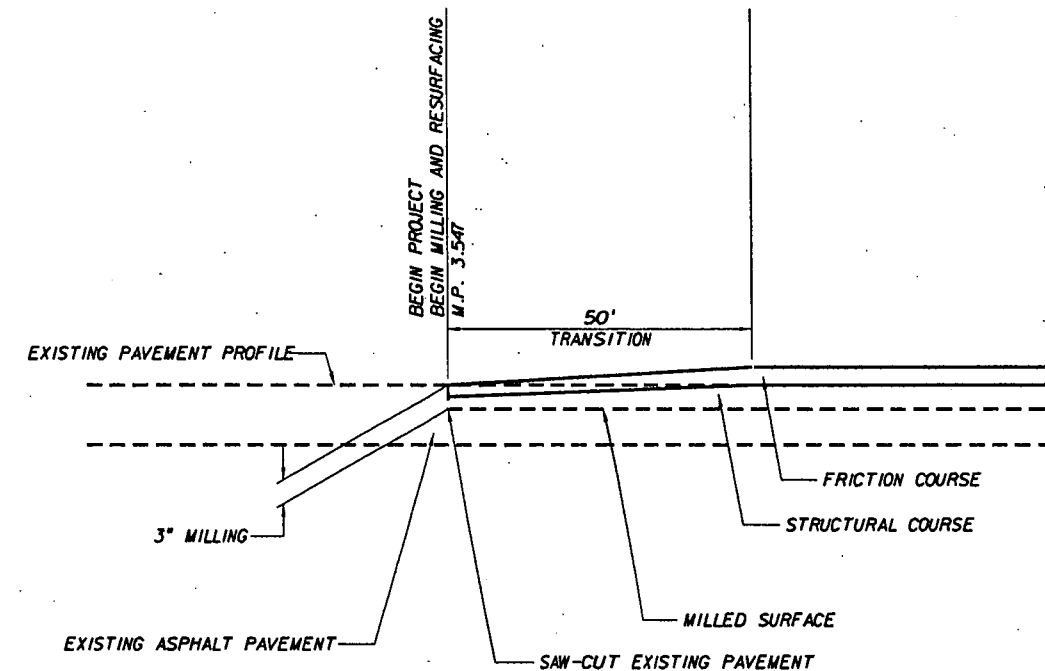
REVISIONS						 BASKERVILLE-DONOVAN, INC. INNOVATIVE INFRASTRUCTURE SOLUTIONS 2052 CENTRE POINTE BLVD., STE. 100 TALLAHASSEE, FL 32308 ENGINEERING BUSINESS: EB-0000340 LANE P. LUCAS P.E. LICENSE NO. 53936	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO. 3
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							60	OSCEOLA	415509-1-52-01		



MILLING DETAIL
M.P. 3.547 TO M.P. 4.820




RESURFACING DETAIL
M.P. 3.547 TO M.P. 4.820

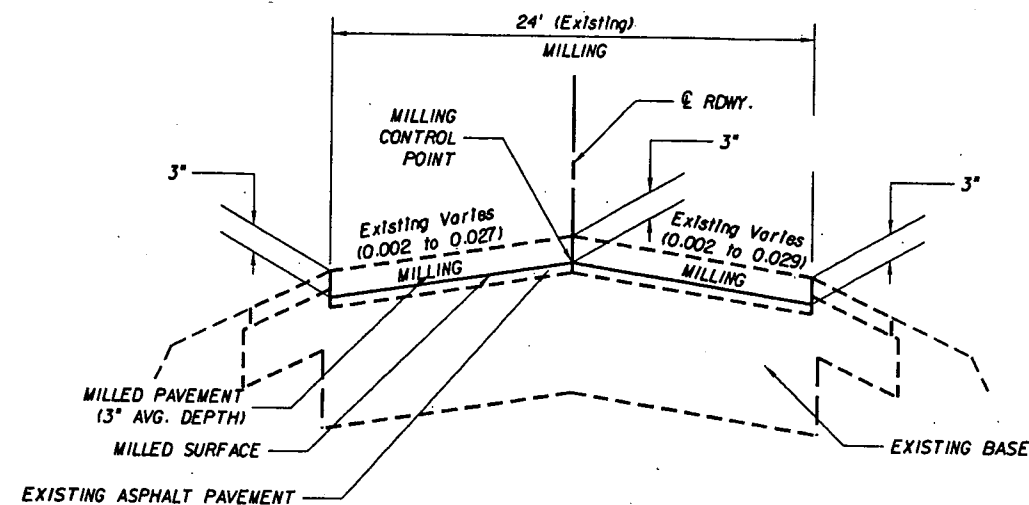


TRANSITION DETAIL AT BEGIN PROJECT

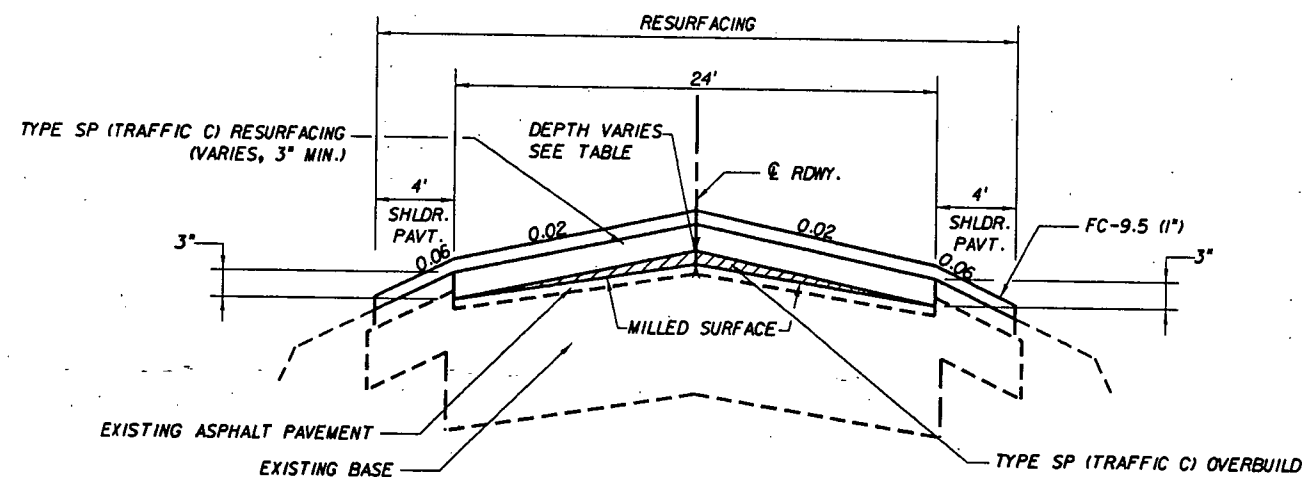
**SP ASPHALT OVERBUILD THICKNESS
AT PAVEMENT CROWN**

LOCATION MP TO MP	AVG. SP THICKNESS (IN)
3.547 TO 3.700	2"
3.700 TO 4.000	-
4.000 TO 4.700	1"
4.700 TO 4.820	2"

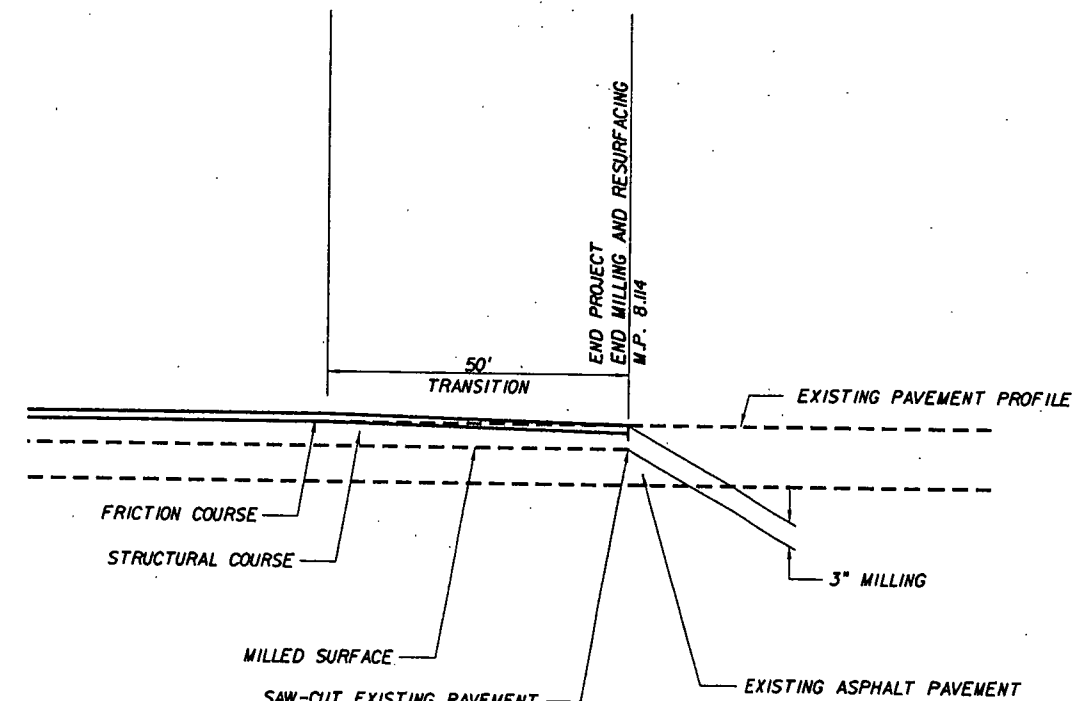
REVISIONS						 BASKERVILLE-DONOVAN, INC. INNOVATIVE INFRASTRUCTURE SOLUTIONS 2052 CENTRE POINTE BLVD., STE. 100 TALLAHASSEE, FL 32308 ENGINEERING BUSINESS: EB-0000340 LANE P. LUCAS P.E. LICENSE NO. 53936	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO. 4
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							60	OSCEOLA	415509-1-52-01		



MILLING DETAIL
M.P. 4.820 TO M.P. 5.281
M.P. 5.304 TO M.P. 8.114



RESURFACING DETAIL
M.P. 4.820 TO M.P. 5.281
M.P. 5.304 TO M.P. 8.114



TRANSITION DETAIL AT END PROJECT

**SP ASPHALT OVERBUILD THICKNESS
AT PAVEMENT CROWN**

LOCATION	AVG. SP THICKNESS
MP TO MP	(IN)
4.820 TO 5.200	2"
5.200 TO 5.600	1 1/2"
5.600 TO 5.800	1"
5.800 TO 6.200	2 1/2"
6.200 TO 8.114	1"

REVISIONS						BASKERVILLE-DONOVAN, INC. INNOVATIVE INFRASTRUCTURE SOLUTIONS 2052 CENTRE POINTE BLVD., STE. 100 TALLAHASSEE, FL 32308 ENGINEERING BUSINESS: EB-0000340 LANE P. LUCAS P.E. LICENSE NO. 53936	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO. 5
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							60	OSCEOLA	415509-1-52-01		

Roadway - As-Built Pavement Data (LIMS)

Date 05-02-06 Page No. 1 of 17

LIMS ID 0600035240

Project ID: 415509-1-52-01 Pay Item No.: 337-7-6

Material ID: PROABS

Level of Testing: V

Material ID (On Spec):

Sample Level: V

Manfr or Prod: ELMO GREER SONS

Destination Lab ID: E05007

Date Sampled: 05-02-06

Sample No.: 0001 V

Sta. From: 3.547

Sta. To: 4.820

Sampled By: S41028067-000

Unit of Measure: TN

Plant No.: A 0742

Design Mix No.: SP 05-3860 A

Intended Use

L2

Pavement Information

(Enter Only New Pavement Layers - Start With First Pavement Layer Placed)

Milling Depth	Layer Number	Subgrade (If new)	Base (If new)	1	2
	Layer Code			SP95C	SP125C
3.25" AVG.	Approx. Thickness In./mm			1.25" AVG. OVERBUILD	2.0"

Layer Number	3	4	5	6	7
Layer Code	FC125				
Approx. Thickness In./mm	1.5"				

Remarks:

Sample ID: 0600035240

Sample Number: 0001V

Lot #:

Notes?

Project: 41550915201

Pay Item: 2 101 1

Status: VALIDATED

Sample Level: V

Spec Year: 200207

Authority: STD Spec 334

Material: PROABS

Roadway - As-Built Pavement Data

Date Sampled: 5/02/2006

Process Due Date: 5/08/2006

Lab Due Date: 5/08/2006

Validation Status:

Design Mix Number: SP 05-3860A

Validation Comment:

(VIEWST)

AS BUILT

Roadway: As-Built Pavement Data

Test status:

PV

Test Category:

BITUM

LayerNo	Code	Thickness	
SUBGRADE	NA		in.
BASE	NA		in.
1	SP95C	1.25	in.
2	SP125C	2.00	in.
3	FC125	1.50	in.
NA			in.
NA			in.
NA			in.
NA			in.

Results Entered By: KNKCAMM

On 5/08/2006

Performed By: S41028067-000

On 5/02/2006

Milling Depth

3.25

in.

LANE

Identify lane which is being sampled

PV

Lane: L2

Results Entered By: KNKCAMM

On 5/08/2006

Performed By: S41028067-000

on 5/02/2006

Lab/Tech Qual Status: TRAINED

Entered

5A

Roadway - As-Built Pavement Data (LIMS)			
Date 05-03-06		Page No. 2 of 17	LIMS ID 0600035272
Project ID: A15509-1-52-01		Pay Item No.: 337-7-6	Material ID: PROABS
Level of Testing: V	Material ID (On Spec):	Sample Level: V	Manfr or Prod: ELMO GREEN & SONS
Destination LabID: E05007	Date Sampled: 05-03-06	Sample No.: 0002V	Sta. From: 3.547
Sta. To: 4.820	Sampled By: S41028067	Unit of Measure: TN	Plant No.: A0742
Design Mix No.: SP05-3860A		Intended Use: R1	

Pavement Information (Enter Only New Pavement Layers - Start With First Pavement Layer Placed)					
Milling Depth	Layer Number	Subgrade (If new)	Base (If new)	1	2
	Layer Code			SP95C	SP125C
3.25" AVG.	Approx. Thickness in./mm			1.25" AVG. OVERBUILD	2.0"

Layer Number	3	4	5	6	7
Layer Code	FC125				
Approx. Thickness in./mm	1.5"				

Remarks:

Sample ID: 0600035272	Sample Number: 0002V	Lot #:	Notes?
Project: 41550915201	Pay Item: 2101-1	Status: VALIDATED	
Sample Level: V	Spec Year: 200207	Authority: STD Spec 334	
Material: PROABS	Roadway - As-Built Pavement Data		
Date Sampled: 5/03/2006	Process Due Date: 5/08/2006	Lab Due Date: 5/08/2006	
Validation Status:	Design Mix Number: SP 05-3860A		
Validation Comment:			

(VIEWST)

AS-BUILT Roadway - As-Built Pavement Data				Test status: PV
LayerNo	Code	Thickness		Test Category: BITUM
SUBGRADE	NA		in.	
BASE	NA		in.	
1	SP95C	1.25	in.	
2	SP125C	2.00	in.	
3	FC125	1.50	in.	
NA			in.	
NA			in.	
NA			in.	
NA			in.	
Results Entered By: KNKCAMM				On 5/08/2006
Performed By: S41028067-000				On 5/03/2006

LANE Identify lane which is being sampled				PV
Lane: R1				
Results Entered By: KNKCAMM				On 5/08/2006
Performed By: S41028067-000				On 5/03/2006
Lab/Tech Qual Status: TRAINED				

Roadway - As-Built Pavement Data (LIMS)

Date 05-03-06 Page No. 3 of 7

LIMS ID 06 00035298

Project ID: 415509-1-52-01	Pay Item No.: 337-7-6	Material ID.: PROABS
Level of Testing: V	Material ID (On Spec):	Sample Level: V
Destination LabID: 505007	Date Sampled: 05-03-06	Sample No.: 0003 V
Sta. To: 4.820	Sampled By: S41028067	Unit of Measure TN
Design Mix No.: SP05-3860A	Intended Use L1	

Pavement Information (Enter Only New Pavement Layers - Start With First Pavement Layer Placed)					
Milling Depth	Layer Number	Subgrade (If new)	Base (If new)	1	2
	Layer Code			SP95C	SP125C
3.0" AVG.	Approx. Thickness In./mm			1.25" AVG. OVERBUILD	2.0"

Layer Number	3	4	5	6	7
Layer Code	FC125				
Approx. Thickness In./mm	1.5"				

Remarks:

Sample ID: 0600035301	Sample Number: 0003V	Lot #:	Notes?
Project: 41550915201	Pay Item: 2101 1	Status: VALIDATED	
Sample Level: V	Spec Year: 200207	Authority: STD Spec 334	
Material: PROABS	Roadway - As-Built Pavement Data		
Date Sampled: 5/03/2006	Process Due Date: 5/08/2006	Lab Due Date: 5/08/2006	
Validation Status:	Design Mix Number: SP 05-3860A		
Validation Comment:			(VIEWTST)

AS BUILT	Roadway: As-Built Pavement Data	Test status: PV
LayerNo	Code	Thickness
SUBGRADE	NA	in.
BASE	NA	in.
1	SP95C	1.25 in.
2	SP125C	2.00 in.
3	FC125	1.50 in.
NA		in.
NA		in.
NA		in.
NA		in.
Results Entered By: KNKCAMM		On 5/08/2006
Performed By: S41028067-000		On 5/03/2006

LANE	Identify lane which is being sampled	PV
Lane: L1		
Results Entered By: KNKCAMM	On 5/08/2006	
Performed By: S41028067-000	on 5/03/2006	Lab/Tech Qual Status: TRAINED

Roadway - As-Built Pavement Data (LIMS)

Date 05-03-06 Page No. 4 of 4

LIMS ID 0600035302

Project ID: 415509-1-52-01	Pay Item No.: 337-7-7	Material ID: PROABS
Level of Testing: V	Material ID (On Spec):	Sample Level: V
Manfr or Prod: ELMO GARDNER SONS		
Destination LabID: E05007	Date Sampled: 05-03-06	Sample No.: 0004V
Sta. To: 5.281	Sampled By: S41028067	Unit of Measure: TN
Plant No.: A0742	Design Mix No.: SP05-4352A	Intended Use: LI

Pavement Information					
(Enter Only New Pavement Layers - Start With First Pavement Layer Placed)					
Milling Depth	Layer Number	Subgrade (If new)	Base (If new)	1	2
	Layer Code			sp95c	sp125c
3.0" AUG	Approx. Thickness in./mm			1.75" AUG.	1.5"
				OVERBUILD	

Layer Number	3	4	5	6	7
Layer Code	sp125c	FE95			
Approx. Thickness in./mm	1.5"	1.0"			

Remarks:

Sample ID: 0600035302	Sample Number: 0004V	Lot #:	Notes?
Project: 41550915201	Pay Item: 21011	Status: VALIDATED	
Sample Level: V	Spec Year: 200207	Authority: STD Spec 334	
Material: PROABS	Roadway - As-Built Pavement Data		
Date Sampled: 5/03/2006	Process Due Date: 5/08/2006	Lab Due Date: 5/08/2006	
Validation Status:	Design Mix Number: SP 05-4352A		
Validation Comment:			
(VIEWTST)			

AS_BUILT	Roadway: As-Built Pavement Data	Test status: PV	
LayerNo	Code	Thickness	Test Category: BITUM
SUBGRADE	NA		
BASE	NA		
1	SP95C	1.75	
2	SP125C	1.50	
3	SP125C	1.50	
4	FC95	1.00	
NA			
NA			
NA			
Results Entered By: KNKCAMM		On: 5/08/2006	
Performed By: S41028067-000		On: 5/03/2006	

LANE	Identify lane which is being sampled	PV
Lane: L1		
Results Entered By: KNKCAMM	On: 5/08/2006	
Performed By: S41028067-000	on: 5/03/2006	
Lab/Tech Qual Status: TRAINED		

Roadway - As-Built Pavement Data (LIMS)

Date 05-03-06 Page No. 5 of 7

LIMS ID 0600035319

Project ID: 415509-1-52-01 Pay Item No.: 337-7-7

Material ID: PROABS

Level of Testing: V

Material ID (On Spec):

Sample Level: V

Manfr or Prod: ELMO GREENE SONS

Destination LabID: E05007

Date Sampled: 05-02-06

Sample No.: 0005 V

Sta. From: 4.620

Sta. To: 5-281

Sampled By: S41028067

Unit of Measure TN

Plant No.: A0742

Design Mix No.: SP05-4352A

Intended Use R1

Pavement Information

(Enter Only New Pavement Layers - Start With First Pavement Layer Placed)

Milling Depth	Layer Number	Subgrade (If new)	Base (If new)	1	2
	Layer Code			SP95C	SP125C
3.0" AUG.	Approx. Thickness in./mm			1.75" AUG. OVERBUILD	1.5"

Layer Number	3	4	5	6	7
Layer Code	SP125C	FC95			
Approx. Thickness in./mm	1.5"	1.0"			

Remarks:

Sample ID: 0600035319

Sample Number: 0005V

Lot #:

Notes?

Project: 41550915201

Pay Item: 2101-1

Status: VALIDATED

Sample Level: V

Spec Year: 200207

Authority: STD Spec 334

Material: PROABS

Roadway - As-Built Pavement Data

Date Sampled: 5/03/2006

Process Due Date: 5/08/2006

Lab Due Date: 5/08/2006

Validation Status:

Design Mix Number: SP 05-4352A

Validation Comment:

(VIEWTST)

AS BUILT	Roadway: As-Built Pavement Data	Test status:	PV
LayerNo	Code	Thickness	Test Category: BITUM
SUBGRADE	NA		
BASE	NA		
1	SP95C	1.75	
2	SP125C	1.50	
3	SP125C	1.50	
4	FC95	1.00	
NA			
NA			
NA			
Results Entered By:	KNKCAMM	On	5/08/2006
Performed By:	S41028067-000	On	5/03/2006

LANE	Identify lane which is being sampled	PV	
Lane:	R1		
Results Entered By:	KNKCAMM	On	5/08/2006
Performed By:	S41028067-000	On	5/03/2006
Lab/Tech Qual Status:	TRAINED		

Roadway - As-Built Pavement Data (LIMS)			
Date 05-03-06 Page No. 6 of 7		LIMS ID 0600035324	
Project ID: 415509-1-52-01		Pay Item No.: 337-7-7	Material ID: PROABS
Level of Testing: V	Material ID (On Spec):	Sample Level: V	Manfr or Prod: ELMO GREEN SONS
Destination LabID: E05007	Date Sampled: 05-03-06	Sample No.: 0006V	Sta. From: 5.304
Sta. To: 8.114	Sampled By: S41028067	Unit of Measure: TN	Plant No.: A 0742
Design Mix No.: SP05-4352A		Intended Use: L1	

Pavement Information (Enter Only New Pavement Layers - Start With First Pavement Layer Placed)					
Milling Depth	Layer Number	Subgrade (if new)	Base (if new)	1	2
	Layer Code			SP95C	SP125C
Approx. Thickness in./mm				1.5" AUG. OVERBUILD	1.5"

Layer Number	3	4	5	6	7
Layer Code	SP125C	FC95			
Approx. Thickness in./mm	1.5"	1.0"			

Remarks:

Sample ID: 0600035324	Sample Number: 0006V	Lot #:	Notes?
Project: 41550915201	Pay Item: 2101 1	Status: VALIDATED	
Sample Level: V	Spec Year: 200207	Authority: STD Spec 334	
Material: PROABS	Roadway - As-Built Pavement Data		
Date Sampled: 5/03/2006	Process Due Date: 5/08/2006	Lab Due Date: 5/08/2006	
Validation Status:	Design Mix Number: SP 05-4352A		
Validation Comment:			
(VIEWTST)			

AS_BUILT Roadway: As-Built Pavement Data			Test status: PV
LayerNo	Code	Thickness	Test Category: BITUM
SUBGRADE	NA		
BASE	NA		
1	SP95C	1.50	
2	SP125C	1.50	
3	SP125C	1.50	
4	FC95	1.00	
NA			
NA			
NA			
Results Entered By: KNKCAMM		On: 5/08/2006	
Performed By: S41028067-000		On: 5/03/2006	

LANE	Identify lane which is being sampled	PV
Lane: L1		
Results Entered By: KNKCAMM	On: 5/08/2006	
Performed By: S41028067-000	on: 5/03/2006	Lab/Tech Qual Status: TRAINED

Entered

5F

Roadway - As-Built Pavement Data (LIMS)

Date 05-03-06 Page No. 7 of 17

LIMS ID 0600035331

Project ID: 415509-1-52-01	Pay Item No.: 337-7-7	Material ID: PROABS
Level of Testing: V	Material ID (On Spec):	Sample Level: V
Destination LabID: E05007	Date Sampled: 05-03-06	Sample No.: 00071
Sta. To: 8.114	Sampled By: S41028067	Unit of Measure: TN
Design Mix No.: SP05-4352A	Intended Use: R1	Manfr or Prod: ELMO GREENE SON
		Sta. From: 5.304

Pavement Information (Enter Only New Pavement Layers - Start With First Pavement Layer Placed)					
Milling Depth	Layer Number	Subgrade (If new)	Base (If new)	1	2
	Layer Code			SP95C	SP125C
3.0" AVG.	Approx. Thickness In./mm			1.5" AVG. OVERBUILD	1.5"

Layer Number	3	4	5	6	7
Layer Code	SP125C	FC95			
Approx. Thickness In./mm	1.5"	1.0"			

Remarks:

Sample ID: 0600035331	Sample Number: 00071	Lot #:	Notes?
Project: 41550915201	Pay Item: 21011	Status: VALIDATED	
Sample Level: V	Spec Year: 200207	Authority: STD Spec 334	
Material: PROABS	Roadway - As-Built Pavement Data		
Date Sampled: 5/03/2006	Process Due Date: 5/08/2006	Lab Due Date: 5/08/2006	
Validation Status:	Design Mix Number: SP 05-4352A		
Validation Comment:			

(VIEWTST)

AS BUILT	Roadway - As-Built Pavement Data	Test status: PV
LayerNo	Code	Thickness
SUBGRADE	NA	
BASE	NA	
1	SP95C	1.50
2	SP125C	1.50
3	SP125C	1.50
4	FC95	1.00
NA		
NA		
NA		
X	Results Entered By: KNKCAMM	On 5/08/2006
X	Performed By: S41028067-000	On 5/03/2006

LANE	Identify lane which is being sampled	PV
Lane: R1		
Results Entered By: KNKCAMM	On 5/08/2006	
Performed By: S41028067-000	on 5/03/2006	Lab/Tech Qual Status: TRAINED

Entered

5G

PAY ITEM FOOTNOTES
=====

- 102- 1 INCLUDES THE COST OF TEMPORARY RUMBLE STRIPS.
104- 4 BASED ON A 30 DAY MOWING CYCLE.
334- 1- 13 INCLUDES TYPE SP ASPHALT FOR OVERBUILD.
339- 1 INCLUDES REPAIR OF EXISTING PAVEMENT AT LOCATIONS OF GUARDRAIL MODIFICATION.
575- 1 INCLUDES THE COST OF WATER AND FERTILIZER.
710- THE TOTALS SHOWN ON THE SUMMARY OF ROADWAY PAY ITEMS ARE FOR PAINTED PAVEMENT MARKINGS USED FOR MAINTENANCE OF TRAFFIC.

SUMMARY OF GUARDRAIL

LOCATION		GUARDRAIL (LF)				END ANCHORAGE ASSEMBLIES (EA)				GUARDRAIL REMOVAL (LF)		GUARDRAIL BRIDGE ANCH. ASSEMBLY REMOVAL (EA)		REMARKS	FIELD BOOK REFERENCE
MILEPOST	SIDE	ROADWAY		BRIDGE, THRIE BEAM		FLARED		BRIDGE		P	F	P	F		
		P	F	P	F	P	F	P	F						
FROM 5.186	LT	50				1	1			50	50	51.25			
TO 5.281				50	43.75	43.75			1	1	43.75	43.75		1	1
FROM 5.186	RT	50				1	1			50	50	51.25			
TO 5.281				50	43.75	43.75			1	1	43.75	43.75		1	1
FROM 5.304	LT			43.75				1	1	50	50	51.25	1	1	
TO 5.399			50	50			1	1			43.75	43.75			
FROM 5.304	RT			43.75				1	1	50	50	51.25	1	1	
TO 5.399			50	50		43.75	1	1			43.75	43.75			
FROM															
TO															
FROM															
TO															
FROM															
TO															
TOTAL		200	200	175	175	4	4	4	4	375	375 380		4	4	

NOTES:

- EXISTING BRIDGE CONNECTIONS ARE TO BE REMOVED AND REPLACED WITH STANDARD THRIE BEAM ATTACHMENT. QUANTITIES FOR EXISTING GUARDRAIL REMOVAL ARE BASED ON THE PROPOSED THRIE BEAM TRANSITION.
- EXISTING TERMINAL END ANCHORAGES ARE TO BE REMOVED AND REPLACED WITH FLARED END ANCHORAGE ASSEMBLIES. QUANTITIES FOR EXISTING GUARDRAIL REMOVAL ARE BASED ON A PROPOSED END ANCHORAGE ASSEMBLY TYPE FLEAT - 350.

REVISIONS						BASKERVILLE-DONOVAN, INC. INNOVATIVE INFRASTRUCTURE SOLUTIONS 2052 CENTRE POINTE BLVD., STE. 100 TALLAHASSEE, FL 32308 ENGINEERING BUSINESS: EB-0000340 LANE P. LUCAS P.E. LICENSE NO. 53936	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. 6
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							60	OSCEOLA	415509-1-52-01		

USER: gkb

06/17/2005

09:37:09 AM

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SUMMARY OF SODDING

LOCATION	SIDE	P			F			FIELD BOOK REFERENCE
STA. TO STA.		L	W	SY	L	W	SY	
4.820 TO 5.281	LT	2434	2.5	676				See Folder # 22 Engineering Memo Pages 1-36 and Latitude and Departure Pages 1-11
* 4.820 TO 5.281	RT	2434	2.5	676				
5.304 TO 8.114	LT	14837	2.5	4121				
5.304 TO 8.114	RT	14837	2.5	4121				
SIDE DRAINS								
4.314	LT			9				
4.914	LT			18				
4.937	RT			20				
5.814	LT			18				
7.477	RT			18				
TOTAL				9677			6245	

* DUE TO THE HIGH ELEVATION OF SOME OF THE EXISTING UNPAVED SHOULDER SOME AREAS DID NOT REQUIRE SOD.

SUMMARY OF SIDEDRAIN & MITERED END SECTIONS

LOCATION STA. TO STA.		SIDE	PIPE LENGTH (LF)									
			15" RCP	MES (EA)	18" RCP	MES (EA)	24" RCP	MES (EA)	30" RCP	MES (EA)	36" RCP	MES (EA)
P	4.314	LT				1						
F						1						
P	4.914	LT			51	2						
F					51	2						
P	4.937	RT						2				
F								2				
P	5.814	LT			27	2						
F					27	2						
P	7.477	RT			12	2						
F					12	2						
P												
F												
TOTAL					90	7		2				

NOTE: THE CONTRACTOR TO VERIFY SIZE OF EXISTING PIPE PRIOR TO ORDERING MES.

SUMMARY OF EROSION CONTROL

LOCATION MILEPOST	SIDE	BALED HAY * (EA)		SILT FENCE, * STAKED (LF)	
		P	F	P	F
4.181	LT	16	6	50	0
4.181	RT	16	6	50	0
4.314	LT	8	4	25	24
4.914	LT	8	8	25	55
4.937	RT	8	16	25	0
5.281	LT	16	0	50	0
5.281	RT	16	0	50	0
5.304	RT	16	0	50	0
5.304	RT	16	0	50	0
5.814	LT	8	16	25	30
5.962	RT	16	0	50	0
5.962	RT	16	0	50	0
6.605	RT	16	0	50	0
6.605	RT	16	0	50	0
7.233	LT	16	0	50	0
7.233	RT	16	0	50	0
7.477	RT	8	16	25	0
7.650	LT	16	0	50	0
7.650	RT	16	0	50	0
TOTAL		264	72	825	109

* DUE TO VERY DRY CONDITIONS, BALED HAY AND STAKED SILT FENCE WERE USED ON A CASE TO CASE BASIS.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



BASKERVILLE-DONOVAN, INC.
INNOVATIVE INFRASTRUCTURE SOLUTIONS
2052 CENTRE POINTE BLVD., STE. 100
TALLAHASSEE, FL 32308
ENGINEERING BUSINESS: EB-0000340
LANE P. LUCAS
P.E. LICENSE NO. 53936

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
60	OSCEOLA	415509-1-52-01

SUMMARY OF QUANTITIES

SHEET
NO.

7

BEGIN PROJECT
BEGIN CONSTRUCTION
M.P. 3.547

Curve BL1
PI M.P. = 5.241
Delta = 1° 15' 00.00" (RT)
D = 0° 05' 00.10"
T = 749.79
L = 1,499.52
R = 68,732.93
PC M.P. = 5.099
PT M.P. = 5.383
e = NC

BEGIN BRIDGE 920172
BEGIN EXCEPTION
M.P. 5.281

END BRIDGE 920172
END EXCEPTION
M.P. 5.304

0 500 2000
Feet

END PROJECT
END CONSTRUCTION
M.P. 8.114

GENERAL NOTES

1. THE GEOMETRY DEPICTED ON THIS SHEET WAS CREATED FROM THE FDOT STRAIGHT LINE DIAGRAMS FOR STATE ROAD 60. THE BASELINE HAS NOT BEEN FIELD VERIFIED NOR IS IT RECOVERABLE IN THE FIELD. THIS INFORMATION IS SHOWN ONLY AS A GRAPHICAL REPRESENTATION OF THE PROJECT.
2. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE ONE CALL OF FLORIDA INC (1-800-432-4770) AND UTILITY OWNERS LISTED BELOW 48 HOURS IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.
4. THE FOLLOWING LIST OF UTILITY COMPANIES HAVE FACILITIES WITHIN THE PROJECT LIMITS. IT HAS BEEN DETERMINED THAT NO RELOCATION IS ANTICIPATED BY THE FOLLOWING COMPANIES FOR THIS PROJECT:

UTILITY OWNERS:

COMPANY	TELEPHONE NUMBER
PEACE RIVER ELECTRIC COOPERATIVE, INC	(863) 773 - 4116
VERIZON	(863) 682 - 8506

5. ANY PUBLIC LAND CORNER OR BENCH MARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR, WITHOUT DELAY, BY TELEPHONE.
6. EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION, AND WATER POLLUTION. THESE ITEMS ARE TO BE USED AT THE LOCATIONS DESCRIBED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN OR AS DIRECTED BY THE ENGINEER TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
7. MILLING DUST OR DEBRIS SHALL NOT BE DEPOSITED ON PERVIOUS SURFACES.
8. FILTER FABRIC USED TO WRAP PIPE JOINTS IN ACCORDANCE WITH SPECIFICATION 430 SHALL MEET THE REQUIREMENTS OF INDEX 199, TYPE D-3 WITH AN A.O.S. (SIEVE NUMBER) OF 70 TO 100.
9. THE CONTRACTOR IS TO USE CAUTION WHEN MILLING AROUND THE FOLLOWING UTILITY ACCESS POINTS (HAND HOLES). THE HAND HOLES CONSIST OF A 1' X 1' CONCRETE PAD THAT WILL REMAIN IN PLACE. THE HAND HOLES ARE TYPICALLY LOCATED 1' OFF THE EDGE OF THE EXISTING PAVED SHOULDER AT THE FOLLOWING LOCATIONS (CONTRACTOR TO VERIFY LOCATIONS PRIOR TO ANY CLEARING OR MILLING OPERATION):

MP 3.78 LT	MP 4.46 LT
MP 3.86 RT	MP 4.46 LT
MP 3.86 RT	MP 4.55 LT
MP 3.92 RT	MP 4.55 LT
MP 4.03 LT	MP 4.67 LT

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



BASKERVILLE-DONOVAN, INC.
INNOVATIVE INFRASTRUCTURE SOLUTIONS
2052 CENTRE POINTE BLVD., STE. 100
TALLAHASSEE, FL 32308
ENGINEERING BUSINESS: EB-0000340
LANE P. LUCAS
P.E. LICENSE NO. 53936

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
60	OSCEOLA	415509-1-52-01

PROJECT LAYOUT

SHEET
NO.

8

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.

1. SITE DESCRIPTION

- A. NATURE OF CONSTRUCTION ACTIVITY:
THE PROJECT CONSISTS OF MILLING AND RESURFACING 4.567 MILES OF STATE ROAD 60 IN OSCEOLA COUNTY, FLORIDA AND CONSTRUCTING MISCELLANEOUS SAFETY IMPROVEMENTS ALONG THE ROADWAY CORRIDOR. THE PROJECT IS LOCATED AT LAT 27 46 31.93" LONG 81 07 16.66
- B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:
IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.
1. Install control measures.
 2. Roadway resurfacing.
 3. Side Drain construction.
 4. Install permanent grassing/sodding.
- C. AREA ESTIMATES:
TOTAL PROJECT AREA = 55.4 ac. (Total Right-of-Way)
TOTAL AREA TO BE DISTURBED = 19.0 ac. (Including milling area)
- D. RUNOFF DATA:
RUNOFF COEFFICIENTS:
PRE-CONSTRUCTION: 0.46
DURING CONSTRUCTION: 0.46
POST-CONSTRUCTION: 0.46
- E. SITE MAP
SEE SHEET 1 OF THE ROADWAY CONSTRUCTION PLANS FOR SITE MAP DATA.
- F. OUTFALL LOCATIONS
THERE ARE SEVEN CROSS DRAIN STRUCTURES WITHIN THE PROJECT LIMITS WHICH DISCHARGE ONSITE AND OFFSITE RUNOFF. THESE STRUCTURES/OUTFALL LOCATIONS AND THEIR RESPECTIVE WATERBODIES ARE:

LATITUDE	LONGITUDE	RECEIVING WATERBODY
27d47'13"	81d08'45"	Unnamed Tributary (Blanket Bay Slough)
27d46'57"	81d08'11"	Unnamed Tributary (Blanket Bay Slough)
27d46'30"	81d07'14"	Blanket Bay Slough
27d46'13"	81d06'39"	Blanket Bay Slough
27d45'57"	81d06'06"	Unnamed Tributary (Blanket Bay Slough)
27d45'41"	81d05'34"	Unnamed Tributary (Blanket Bay Slough)
27d45'30"	81d05'13"	Unnamed Tributary (Blanket Bay Slough)

2. CONTROLS

- A. EROSION AND SEDIMENT CONTROLS
IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TRAFFIC CONTROL PLAN. THE FOLLOWING RECOMMENDATIONS ARE PROVIDED FOR THE CONTRACTOR'S USE, BUT MAY BE MODIFIED IN THE SECTION 104 EROSION CONTROL PLAN, SUBJECT TO THE APPROVAL OF THE ENGINEER.

THE EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED BY THE CONTRACTOR TO MINIMIZE THE AMOUNT OF DISTURBED SOIL, PREVENT OR SLOW RUNOFF FLOWING ACROSS DISTURBED AREAS, AND REMOVE SEDIMENT FROM THE RUNOFF BEFORE LEAVING THE SITE.

CONSTRUCTION ACTIVITIES - GENERAL:

THE FOLLOWING CONTROL MEASURES WILL BE UTILIZED TO PREVENT EROSION AND SEDIMENTATION:

1. CLEARING AND GRUBBING OPERATIONS ARE PERFORMED SO AS TO MINIMIZE DISTURBED AREAS.
2. AREAS OUTSIDE THE LIMITS OF CONSTRUCTION WILL NOT BE DISTURBED.
3. EXCAVATED MATERIAL WILL NOT BE DEPOSITED IN LOCATIONS SUSCEPTIBLE TO EROSION.
4. STOCKPILED MATERIALS SUBJECT TO EROSION SHALL BE COVERED OR CONTAINED WITH EROSION CONTROL DEVICES.
5. NEW AND EXISTING STRUCTURES WILL BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION.

A.1 STABILIZATION PRACTICES

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS IN PORTIONS OF THE PROJECT WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING:

- a. TEMPORARY:
SEED AND MULCH OR SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104
- b. PERMANENT:
SEED AND MULCH OR SOD IN ACCORDANCE WITH SPECIFICATION SECTIONS 520 AND 575.

A.2 STRUCTURAL PRACTICES

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES PROPOSED TO PREVENT THE DISCHARGE OF SEDIMENTS OR OTHER POLLUTANTS FROM THE CONSTRUCTION SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING:

a. TEMPORARY:

- SILT FENCE IN ACCORDANCE WITH INDEX NO. 102 AND SPECIFICATION SECTION 104.
- BALED HAY OR STRAW IN ACCORDANCE WITH INDEX NO. 102 AND SPECIFICATION SECTION 104.

B. STORMWATER MANAGEMENT

THE RUNOFF FROM THE PROJECT AREA IS COLLECTED AND CONVEYED IN THE ROADSIDE DITCHES ALONG BOTH SIDES OF THE PROJECT CORRIDOR. NO PERMANENT STORMWATER MANAGEMENT FACILITIES ARE PROPOSED BY THIS PROJECT.

C. OTHER CONTROLS

C.1 WASTE DISPOSAL

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS TO WATERS OF THE STATE. THE PROPOSED METHODS SHALL INCLUDE AT A MINIMUM:

- a. DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

C.2 OFF-SITE VEHICLE TRACKING & DUST CONTROL

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT A MINIMUM:

- a. REMOVING EXCESS DIRT FROM ROADS DAILY
- b. USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS MILLING OPERATIONS.

C.3 WASTE DISPOSAL, SANITARY SEWER OR SEPTIC TANKS.

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH STATE AND LOCAL REGULATIONS FOR WATER DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEMS.

C.4 FERTILIZERS AND PESTICIDES

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SPECIFICATION SECTIONS 570 AND 577.

C.5 TOXIC SUBSTANCES

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A LIST OF ALL TOXIC SUBSTANCES THAT ARE NECESSARY FOR THE COMPLETION OF THE PROJECT AND A PROPOSED PROCEDURE FOR ADDRESSING THE APPLICATION, STORAGE AND DISPOSAL OF THESE SUBSTANCES.

D. APPROVED LOCAL, STATE AND FEDERAL PERMITS:

3.0 MAINTENANCE

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENTATION CONTROLS THROUGHOUT THE DURATION OF CONSTRUCTION. THE MAINTENANCE PLAN SHALL, AT A MINIMUM, COMPLY WITH THE FOLLOWING:

- a. SILT FENCE SHALL BE MAINTAINED IN ACCORDANCE WITH SPECIFICATION SECTION 104.
- b. SEDIMENT AT BALED HAY OR STRAW BARRIERS SHALL BE REMOVED WHEN IT ACCUMULATES TO 1/2 THE HEIGHT OF BARRIER OR WHEN THE SEDIMENTATION RESULTS IN UNACCEPTABLE PONDING OF WATER.
- c. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL POLLUTION PREVENTION CONTROLS. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF EROSION, SEDIMENTATION, TURBIDITY, AND POLLUTION CONTROL MEASURES. REMEDIAL ACTION SHALL BE PERFORMED IMMEDIATELY.

4.0 INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY WEEK AND WITHIN 24 HOURS OF A STORM RESULTING IN 0.5 OF RAINFALL OR GREATER:


- a. POINTS OF DISCHARGE OF RUNOFF FROM THE PROJECT SITE
- b. DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN PERMANENTLY STABILIZED
- c. AREAS USED FOR STORAGE OF MATERIALS

THE CONTRACTOR SHALL INITIATE REPAIRS OF ANY DEFENCIES OF THE EROSION AND SEDIMENTATION CONTROLS IMMEDIATELY.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES AND DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE DISCHARGES.

REVISIONS							BASKERVILLE-DONOVAN, INC. INNOVATIVE INFRASTRUCTURE SOLUTIONS 2052 CENTRE POINTE BLVD., STE. 100 TALLAHASSEE, FL 32308 ENGINEERING BUSINESS: EB-0000340 LAW: P. LUCAS P.E. LICENSE NO. 53936	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 9
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								60	OSCEOLA	415509-1-52-01	

TRAFFIC CONTROL GENERAL NOTES

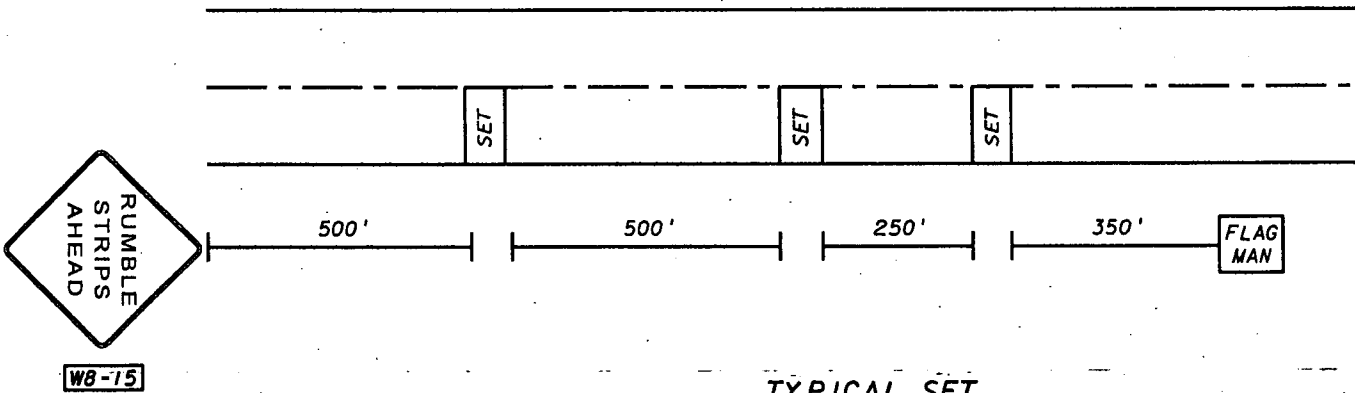
1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT DESIGN STANDARDS, INDEX 600 SERIES.
2. THERE ARE NO TIME RESTRICTIONS TO LANE CLOSURES, HOWEVER A LANE MAY ONLY BE CLOSED DURING ACTIVE WORK PERIODS AND IS LIMITED TO ONE MILE IN LENGTH.
3. THE EXISTING POSTED SPEED OF 60 MPH SHALL BE MAINTAINED.
4. WORK AREAS SHALL BE LIMITED TO ONE SIDE OF THE ROAD AT A TIME SO AS NOT TO CONSTRICT TRAFFIC.
5. INSTALL ONE VARIABLE MESSAGE SIGNS AT LEAST ONE MILE IN ADVANCE OF ANY PROPOSED LANE CLOSURE IN EACH DIRECTION. THE VMS BOARDS SHOULD READ AS FOLLOWS:

FLAGMAN
AHEAD

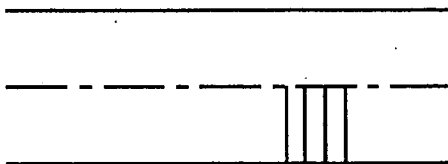
PREPARE
TO
STOP

6. INSTALL TEMPORARY RUMBLE STRIPS AS SHOWN IN THE DETAIL PRIOR TO LANE CLOSURES.
7. PAVE ALL MILLED SURFACES PRIOR TO OPENING THEM TO TRAFFIC.
8. ALL LANES ON SR 60 MUST BE OPEN FOR TRAFFIC WITHIN 24 HOURS NOTICE OF EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE ENGINEER.


TEMP. RUMBLE STRIP LAYOUT



TYPICAL SET



4 STRIPS PER SET
3' SPACING BETWEEN STRIPS

REVISIONS						 BASKERVILLE-DONOVAN, INC. INNOVATIVE INFRASTRUCTURE SOLUTIONS 2052 CENTRE POINTE BLVD., STE. 100 TALLAHASSEE, FL 32308 ENGINEERING BUSINESS: EB-0000340 LANE P. LUCAS P.E. LICENSE NO. 53936	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC CONTROL PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							60	OSCEOLA	415509-1-52-01		10

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

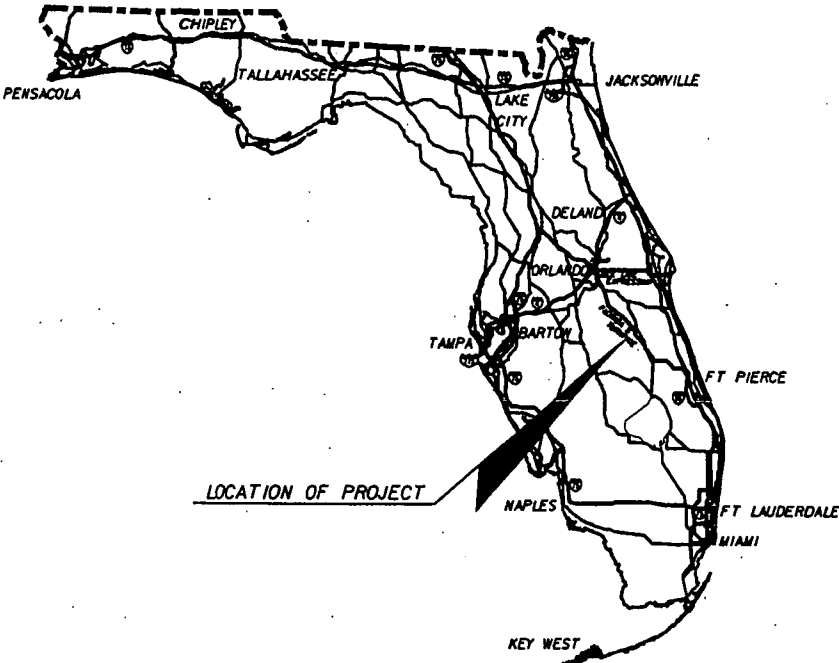
FINANCIAL PROJECT ID 415509-1-52-01
(FEDERAL FUNDS)
OSCEOLA COUNTY (92070)
STATE ROAD NO. 60

SIGNING AND PAVEMENT MARKING PLANS

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES
S-3	GENERAL NOTES
S-4	SIGNING AND PAVEMENT MARKING PLAN
S-5	GUIDE SIGN WORKSHEET

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED JANUARY 2004,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2004,
AS AMENDED BY CONTRACT DOCUMENTS.



SIGNING AND PAVEMENT MARKING
SHOP DRAWINGS TO BE SUBMITTED TO:

BASKERVILLE-DONOVAN, INC.
2052 CENTRE POINTE BLVD.
TALLAHASSEE, FL 32308
(850)656-1212
MR. GREG K. BOWYER

PLANS PREPARED BY:

BASKERVILLE-DONOVAN, INC.
2052 CENTRE POINTE BLVD.
TALLAHASSEE, FL 32308
(850)656-1212
VENDOR NO.: 59-085-7184
CERT. OF AUTH. EB-0000340
MR. LANE P. LUCAS, P.E.
CONTRACT NO. C-8872

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

SIGNING AND PAVEMENT
MARKING PLANS
ENGINEER OF RECORD: LANE P. LUCAS

P.E. NO. 53936


FISCAL YEAR	SHEET NO.
06	S-1

FDOT PROJECT MANAGER: ANZEE CLEVELAND

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																				TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			PLAN		FINAL		PLAN		FINAL		PLAN		FINAL		PLAN		FINAL		PLAN		FINAL		PLAN	FINAL	PLAN	FINAL	
700-40-1	SIGN SINGLE POST (LESS THAN 12)	AS	9	9																			9	9	9	9	S-4 S-5
700-41-10	SIGN MULTI-POST (50 OR LESS)	AS	2	2																			2	2	2	2	S-4 S-5
700-46-11	SIGN, EXISTING (REMOVE) (SINGLE POST)	AS	9	9																			9	9	9	9	S-4
700-46-12	SIGN, EXISTING (REMOVE) (MULTI-POST)	AS	2	2																			2	2	2	2	S-4
705- 1	DELINEATOR UNIT-SINGLE	EA	22	22																			22	22	22	22	S-3
710-90	PAINTED PVMNT. MARKINGS (FINAL SURFACE)	LS	1	1																			1	1	1	1	
*	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	133	133																			133	133	133	133	S-3
	COLORLESS/RED	EA	1208	916	**																		1208	916	1208	916	S-3
	BI-DIR AMBER	EA																									
*	DIR. ARROWS PAINTED	EA	4	4																			4	4	4	4	
*	PAVEMENT MESSAGE PAINTED	EA	4	4																			4	4	4	4	
*	SKIP TRAFFIC STRIPE (WHITE)	GM	0.718	1.436	***																		0.718	1.436	0.718	1.436	S-3
*	SKIP TRAFFIC STRIPE (YELLOW)	GM	2.636	5.272	***																		2.636	5.272	2.636	5.272	S-3
*	SOLID TRAFFIC STRIPE (WHITE) (6")	NM	9.134	18.268	***																		9.134	18.268	9.134	18.268	S-3
*	SOLID TRAFFIC STRIPE (YELLOW) (6")	NM	3.862	7.724	***																		3.862	7.724	3.862	7.724	S-3

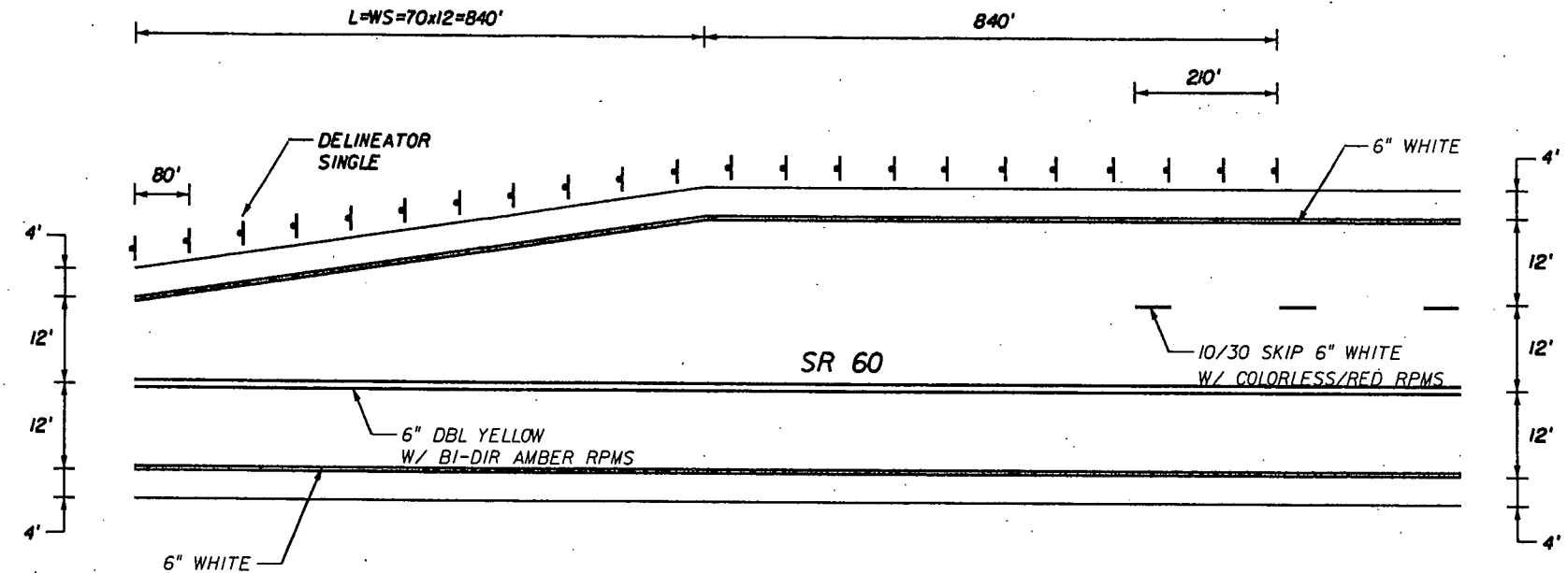
* THESE QUANTITIES ARE PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION, SEE SPECIFICATION SECTION 710 FOR THE NUMBER OF APPLICATIONS REQUIRED.
 ** ACTUAL QUANTITY OF BI-DIR AMBER RPM'S PLACED. *** TWO APPLICATIONS PLACED PER SUPPLEMENTAL SPECIFICATION 710-4.1.1

REVISIONS						 BASKERVILLE-DONOVAN, INC. INNOVATIVE INFRASTRUCTURE SOLUTIONS 2052 CENTRE POINTE BLVD., STE. 100 TALLAHASSEE, FL 32308 ENGINEERING BUSINESS: EB-0000340 LANE P. LUCAS P.E. LICENSE NO. 53936	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	SHEET NO. S-2
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							60	OSCEOLA	415509-1-52-01		

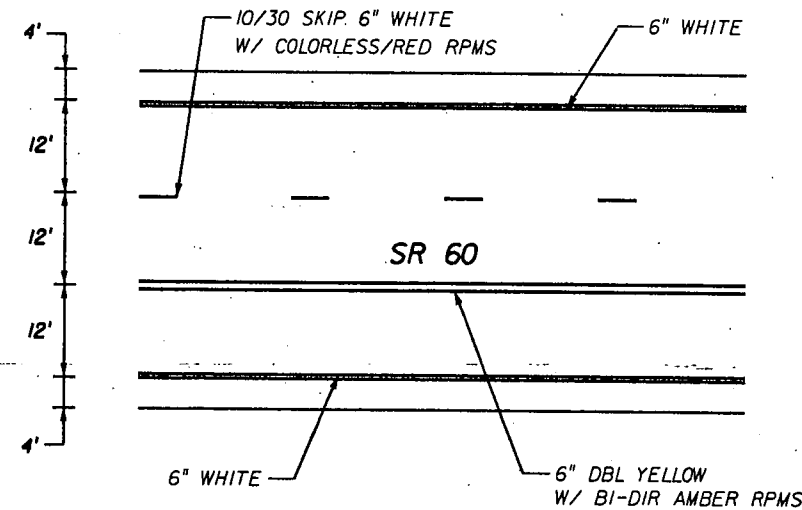
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SIGNING AND PAVEMENT MARKING NOTES
 =====

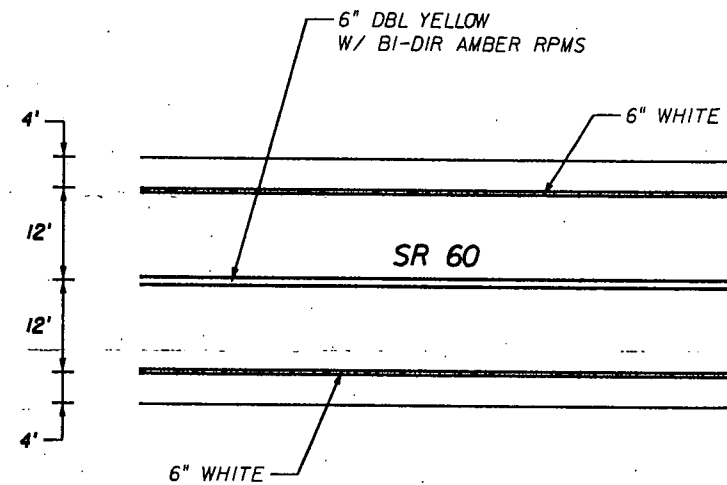
1. ALL EXISTING DEPT. OF TRANSPORTATION SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE TAKEN DOWN AND STOCKPILED WITHIN THE R/W LIMITS. BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. ANY COSTS DUE TO THIS SHALL BE INCIDENTAL AND INCLUDED IN PAY ITEM 102-1 MAINTENANCE OF TRAFFIC.
2. THE PAVEMENT MARKINGS AT ALL EXISTING / PROPOSED INTERFACE LOCATIONS ARE TO MATCH IN TERMS OF ALIGNMENT AND COLOR.
3. ALL SIGNS TO BE REMOVED FROM THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE REMOVED SIGNS SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.



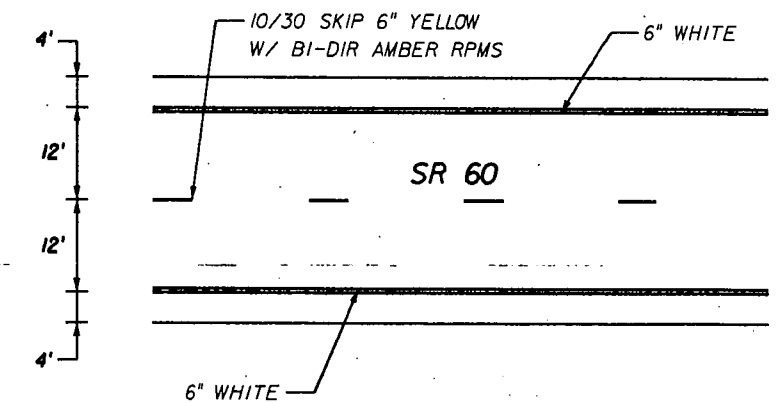
TYPICAL PAVEMENT MARKINGS
 M.P. 3.547 TO 3.865




TYPICAL PAVEMENT MARKINGS
 M.P. 3.865 TO 4.820



TYPICAL PAVEMENT MARKINGS
 M.P. 4.820 TO 5.478



TYPICAL PAVEMENT MARKINGS
 M.P. 5.478 TO 8.114

REVISIONS						 BASKERVILLE-DONOVAN, INC. INNOVATIVE INFRASTRUCTURE SOLUTIONS 2052 CENTRE POINTE BLVD., STE. 100 TALLAHASSEE, FL 32308 ENGINEERING BUSINESS: EB-0000340 LANE P. LUCAS P.E. LICENSE NO. 53936	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO. S-3
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							60	OSCEOLA	415509-1-52-01		

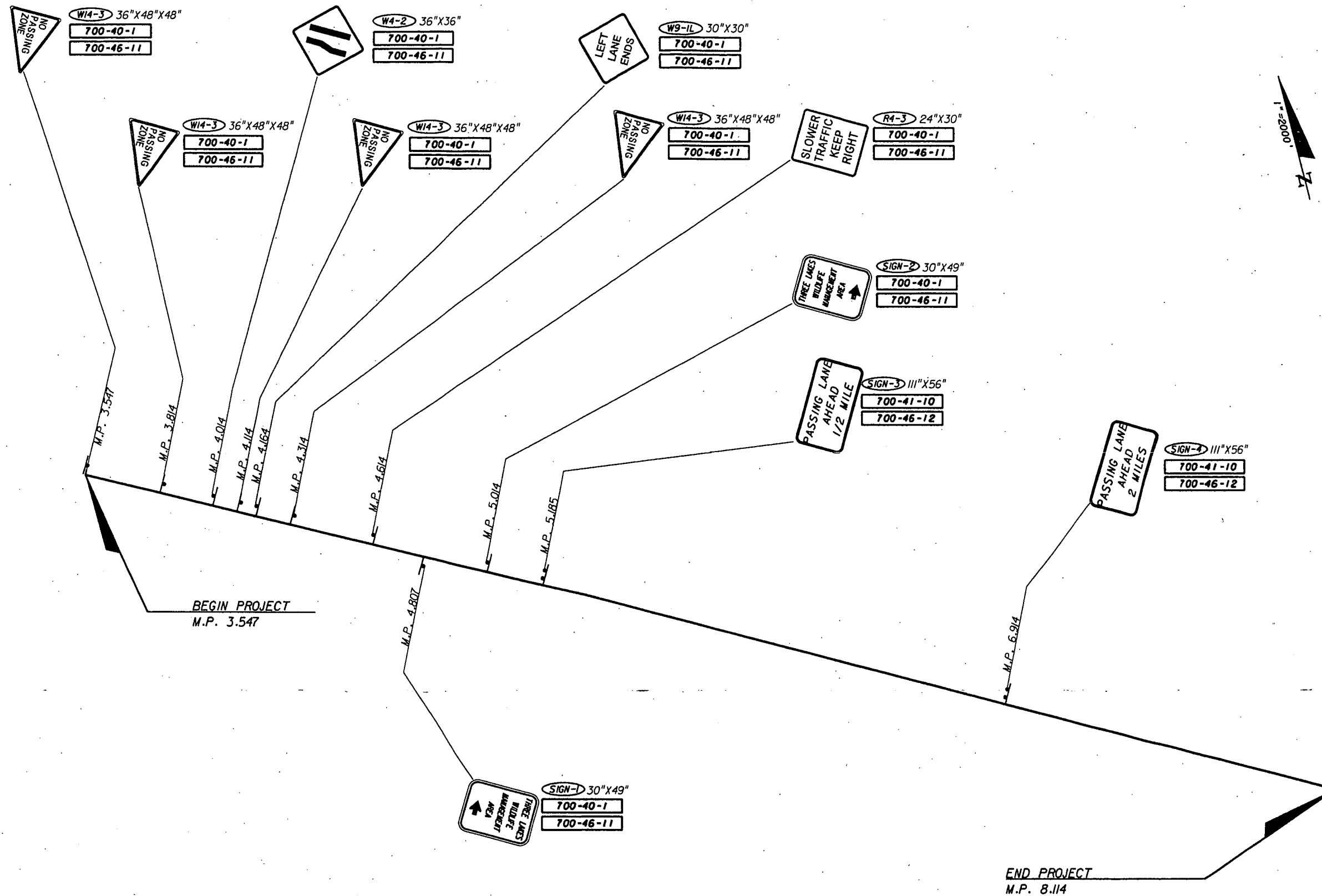
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REVISIONS						 <div>BASKERVILLE-DONOVAN, INC. INNOVATIVE INFRASTRUCTURE SOLUTIONS 2052 CENTRE POINTE BLVD., STE. 100 TALLAHASSEE, FL 32308 ENGINEERING BUSINESS: EB-0000340 LANE P. LUCAS P.E. LICENSE NO. 53936</div>	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-4
							60	OSCEOLA	415509-1-52-01		

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