

2-LANE (2-WAY)  
 ARTERIAL/COLLECTOR  
 NEW CONSTRUCTION  
 RURAL  
 WITH BICYCLE LANES OR  
 PAVED SHOULDERS  
 DESIGN SPEED  
 GREATER THAN 45 MPH  
 WITH PROJECTED  
 20 YR. AADT OF 1500  
 OR GREATER

\* @ SURVEY AND/OR  
 Q CONSTRUCTION, AS APPLICABLE.

"Y" THE AREA DISTURBED  
 BY CONSTRUCTION VARIES.

DEPTH AND WIDTH VARY  
 SEE CROSS SECTIONS

1:6 FOR FILLS TO 5'  
 1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'  
 1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'  
 1:2 (WITH GUARDRAIL) FOR FILLS OVER 20'

**TRAFFIC DATA**

CURRENT YEAR = 1998 AADT = 6800  
 ESTIMATED OPENING YEAR = 2000 AADT = 7600  
 ESTIMATED DESIGN YEAR = 2020 AADT = 12000  
 K = 6% D = 55% T = 2% (24 HOUR)  
 DESIGN HOUR T = 1%  
 DESIGN SPEED = 55 MPH

TRAFFIC DATA IS REQUIRED TO BE NOTED FOR  
 CURRENT YEAR, OPENING YEAR AND DESIGN YEAR.  
 POSTED SPEED (MPH) IS OPTIONAL.

FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER.

**TYPICAL SECTION  
 SR 10 (U.S. 90-A)  
 STA. 10+00.00 TO STA. 267+34.89**

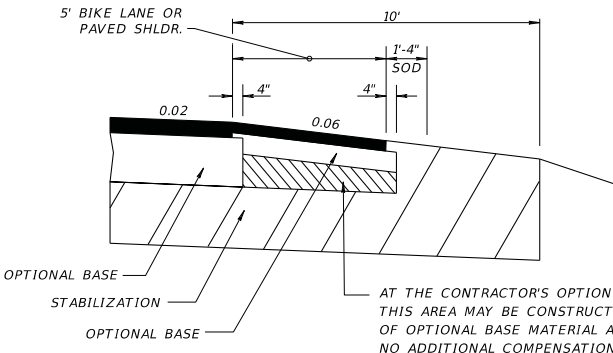
**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 8 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")  
 AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") PG 76-22 (ARB)

**SHOULDER PAVEMENT**

OPTIONAL BASE GROUP 1 WITH  
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") PG 76-22 (ARB)

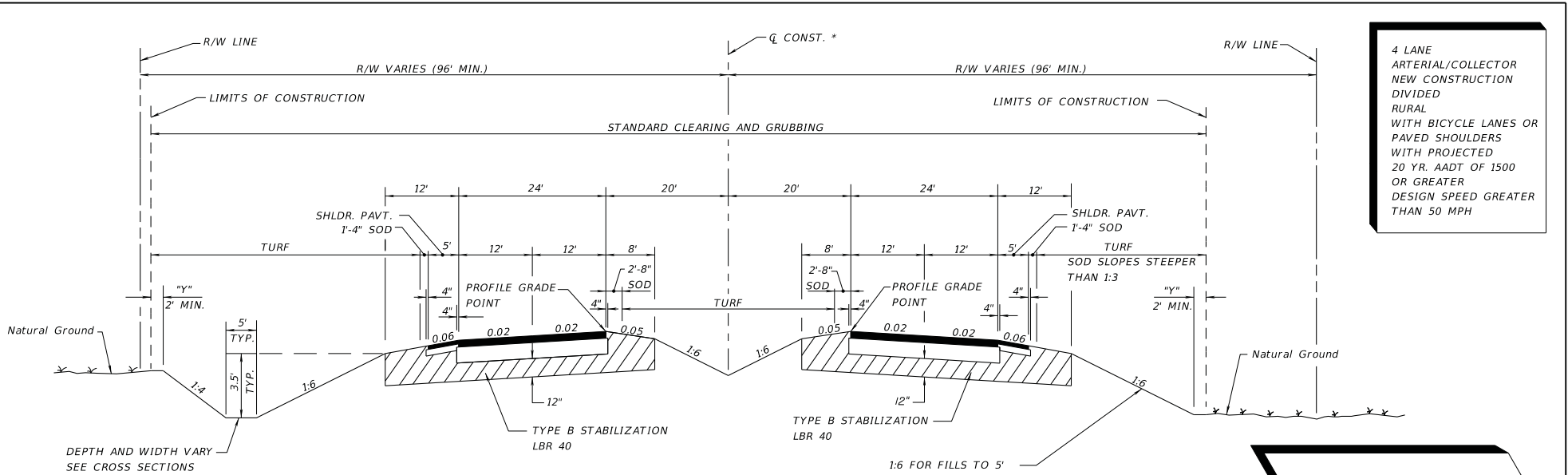
NOTE:  
 HEIGHT OF FILL IS THE VERTICAL DISTANCE  
 FROM THE EDGE OF THE OUTSIDE TRAVEL LANE  
 TO TOE OF FRONT SLOPE.



**SHOULDER PAVEMENT DETAIL**

EXHIBIT TYP-1  
 Date: 1/1/13

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-1-52-01		



4 LANE  
ARTERIAL/COLLECTOR  
NEW CONSTRUCTION  
DIVIDED  
RURAL  
WITH BICYCLE LANES OR  
PAVED SHOULDERS  
WITH PROJECTED  
20 YR. AADT OF 1500  
OR GREATER  
DESIGN SPEED GREATER  
THAN 50 MPH

**TRAFFIC DATA**

CURRENT YEAR = 1998 AADT = 22300  
 ESTIMATED OPENING YEAR = 2000 AADT = 23300  
 ESTIMATED DESIGN YEAR = 2020 AADT = 51500  
 K = 9% D = 56% T = 10% (24 HOUR)  
 DESIGN HOUR T = 5%  
 DESIGN SPEED = 70 MPH

**TYPICAL SECTION  
SR 500  
STA. 63+65.42 TO STA. 328+65.14**

**NEW CONSTRUCTION**  
 OPTIONAL BASE GROUP 9 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2")  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22 (PMA))  
 AND FRICTION COURSE FC-5 (3/4") (PG 76-22 (PMA))

**SHOULDER PAVEMENT**  
 OPTIONAL BASE GROUP 1 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22 (PMA))  
 AND FRICTION COURSE FC-5 (3/4") (PG 76-22 (PMA))

1:6 FOR FILLS TO 5'  
 1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'  
 1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'  
 1:2 (WITH GUARDRAIL) FILLS OVER 20'

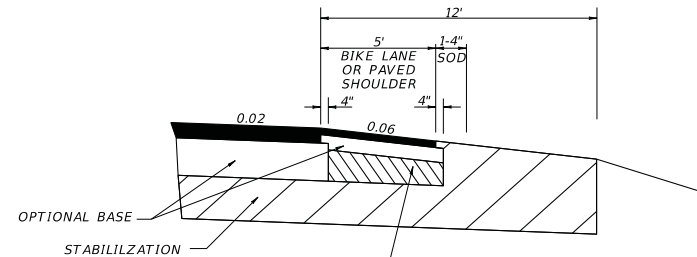
\* @ SURVEY AND/OR  
 Q CONSTRUCTION, AS APPLICABLE.

NOTE:  
 HEIGHT OF FILL IS THE VERTICAL DISTANCE  
 FROM THE EDGE OF THE OUTSIDE TRAVEL LANE  
 TO TOE OF FRONT SLOPE.

"Y" THE AREA DISTURBED BY  
 CONSTRUCTION VARIES.

TRAFFIC DATA IS REQUIRED TO BE  
 NOTED FOR CURRENT YEAR,  
 OPENING YEAR, AND DESIGN YEAR.  
 POSTED SPEED (MPH) IS OPTIONAL.

FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER.



AT THE CONTRACTOR'S OPTION  
 THIS AREA MAY BE CONSTRUCTED  
 OF OPTIONAL BASE MATERIAL  
 AT NO ADDITIONAL COMPENSATION

**SHOULDER PAVEMENT DETAIL**

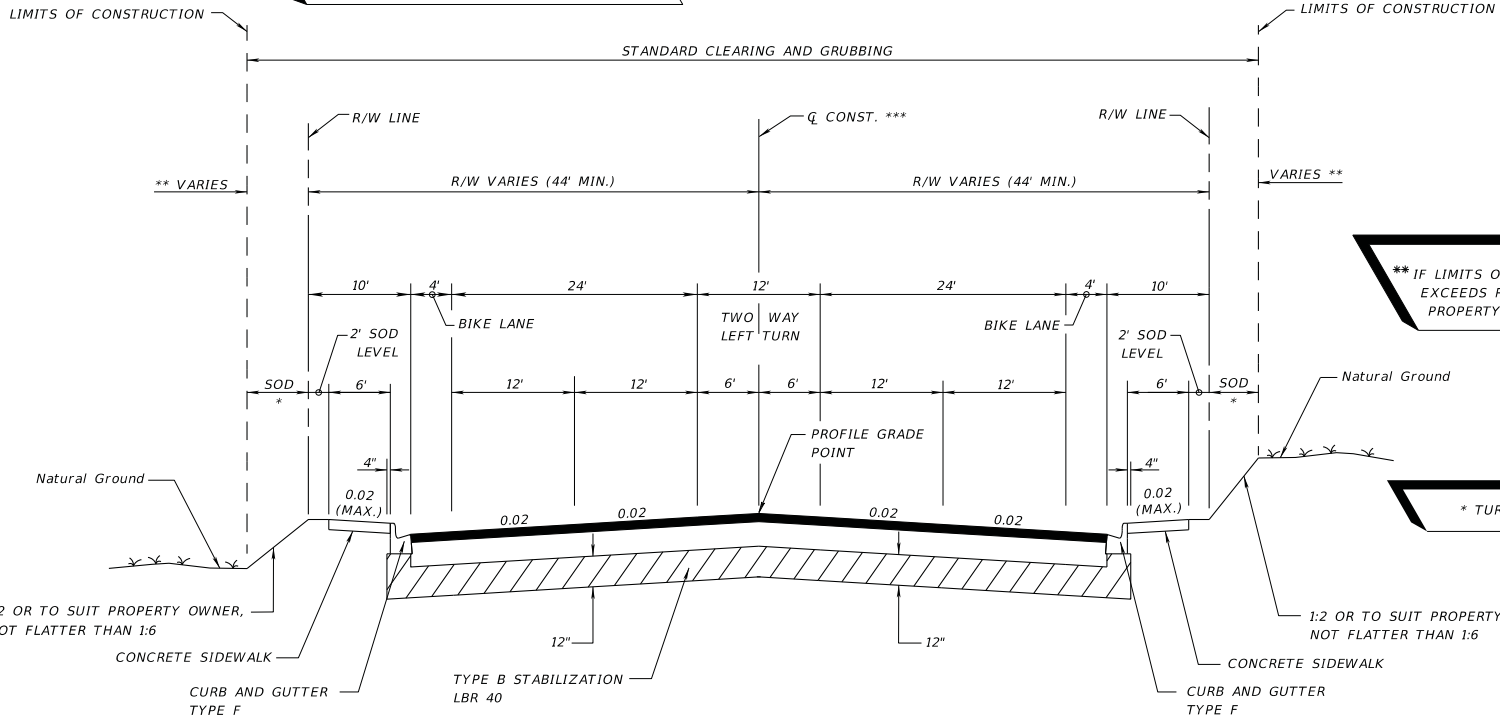
**EXHIBIT TYP-2**  
 Date: 1/1/13

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-1-52-01		

5-LANE SECTIONS ARE TO INCLUDE SECTIONS OF RAISED OR RESTRICTIVE MEDIAN. SEE PPM TABLE 2.2.1.

\*\*\* @ SURVEY AND/OR @ CONSTRUCTION, AS APPLICABLE.

5-LANE ARTERIAL/COLLECTOR NEW CONSTRUCTION UNDIVIDED URBAN WITH BICYCLE LANES MINIMUM RIGHT OF WAY DESIGN SPEED 40 MPH OR LESS WITH PROJECTED 20 YR. AADT OF 1500 OR GREATER



\*\* IF LIMITS OF CONSTRUCTION EXCEEDS RIGHT OF WAY, A PROPERTY AGREEMENT IS REQUIRED.

\* TURF OR SOD

TRAFFIC DATA

CURRENT YEAR = 1998 AADT = 9900  
 ESTIMATED OPENING YEAR = 2000 AADT = 10600  
 ESTIMATED DESIGN YEAR = 2020 AADT = 14000  
 K = 6% D = 55% T = 2% (24 HOUR)  
 DESIGN HOUR T = 1%  
 DESIGN SPEED = 40 MPH

TRAFFIC DATA IS REQUIRED TO BE NOTED FOR CURRENT YEAR, OPENING YEAR AND DESIGN YEAR. POSTED SPEED (MPH) IS OPTIONAL.

TYPICAL SECTION  
 SR 00 (DUVAL STREET)  
 STA. 252+12.00 TO STA. 323+19.42

NEW CONSTRUCTION  
 OPTIONAL BASE GROUP 8 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 1/2")  
 AND FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2") (RUBBER)

FOR STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER.

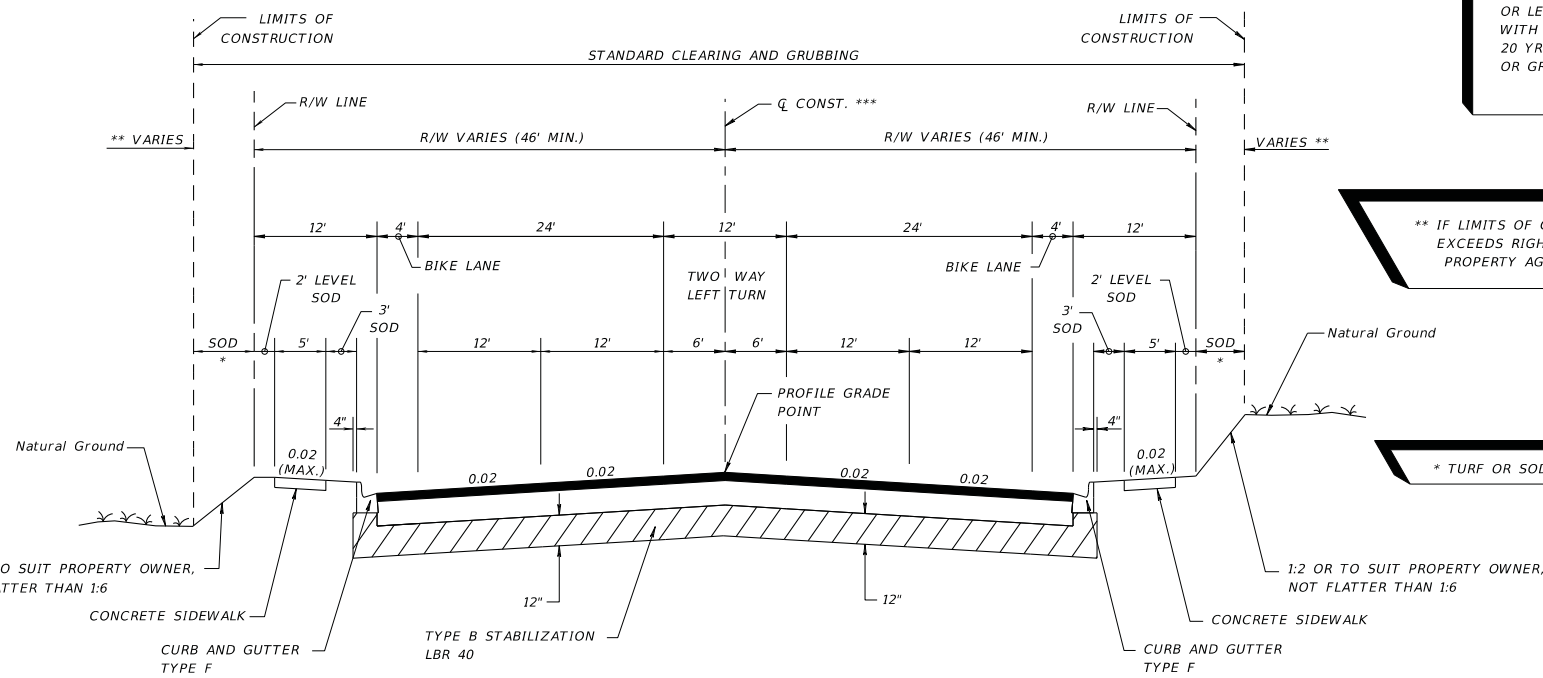
EXHIBIT TYP-3  
 Date: 1/1/13

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-1-52-01		

5-LANE SECTIONS ARE TO INCLUDE SECTIONS OF RAISED OR RESTRICTIVE MEDIAN. SEE PPM TABLE 2.2.1.

\*\*\* @ SURVEY AND/OR Q CONSTRUCTION, AS APPLICABLE.

5-LANE ARTERIAL/COLLECTOR NEW CONSTRUCTION UNDIVIDED URBAN WITH BICYCLE LANES DESIGN SPEED 40 MPH OR LESS WITH PROJECTED 20 YR. AADT OF 1500 OR GREATER



\*\* IF LIMITS OF CONSTRUCTION EXCEEDS RIGHT OF WAY, A PROPERTY AGREEMENT IS REQUIRED.

\* TURF OR SOD

FOR STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER.

**TRAFFIC DATA**

CURRENT YEAR = 1998 AADT = 20819  
 ESTIMATED OPENING YEAR = 2003 AADT = 24100  
 ESTIMATED DESIGN YEAR = 2023 AADT = 24900  
 K = 9% D = 60% T = 2% (24 HOUR)  
 DESIGN HOUR T = 1%  
 DESIGN SPEED = 40 MPH

TRAFFIC DATA IS REQUIRED TO BE NOTED FOR CURRENT YEAR, OPENING YEAR AND DESIGN YEAR. POSTED SPEED (MPH) IS OPTIONAL.

**TYPICAL SECTION  
 SR 00 (MATTHEWS STREET)  
 STA. 202+42.00 TO STA. 263+29.68**

**NEW CONSTRUCTION**  
 OPTIONAL BASE GROUP 8 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 1/2")  
 AND FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2") (RUBBER)

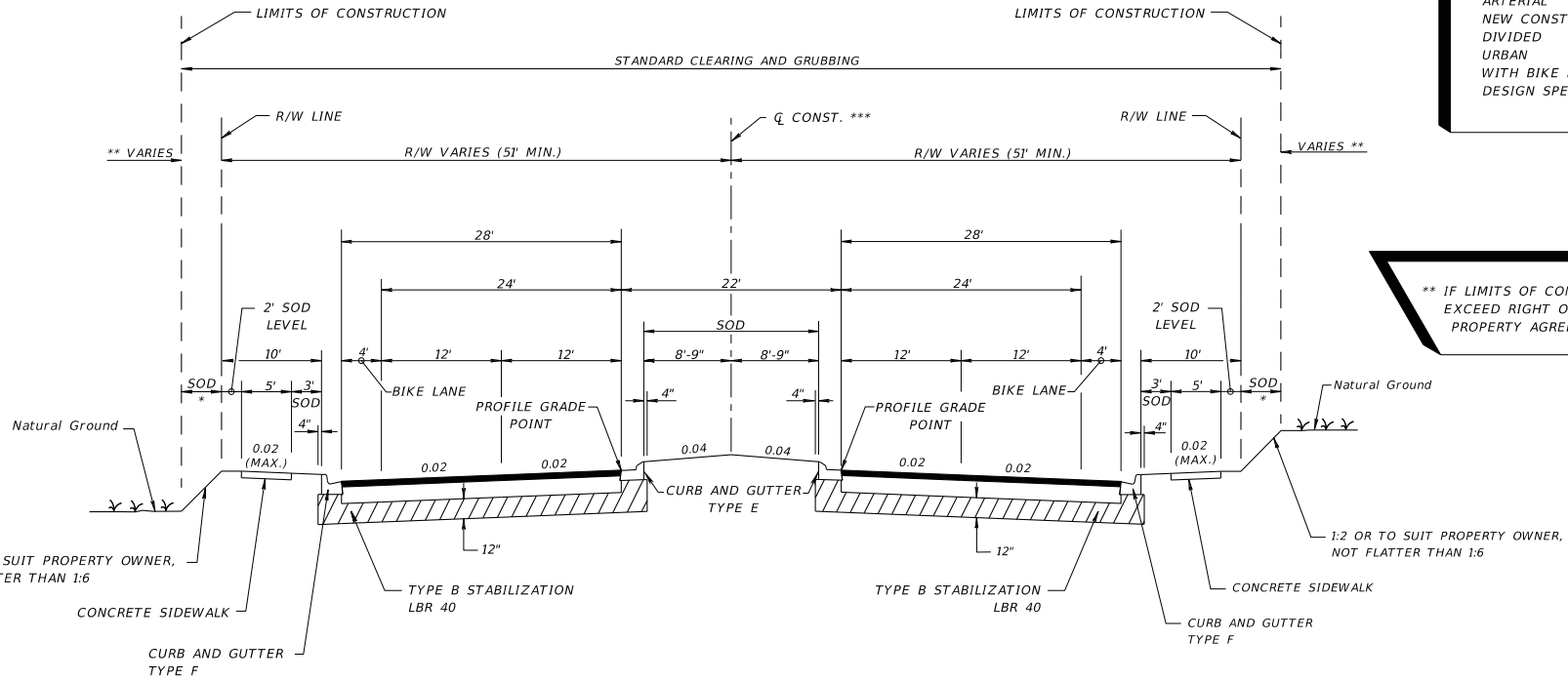
**EXHIBIT TYP-4**  
 Date: 1/1/13

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				10	LEON	123456-1-52-01	

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\*\*\* @ SURVEY AND/OR  
 CL CONSTRUCTION, AS APPLICABLE.

4-LANE  
 ARTERIAL  
 NEW CONSTRUCTION  
 DIVIDED  
 URBAN  
 WITH BIKE LANES  
 DESIGN SPEED 45 MPH OR LESS



\*\* IF LIMITS OF CONSTRUCTION  
 EXCEED RIGHT OF WAY, A  
 PROPERTY AGREEMENT IS REQUIRED.

1:2 OR TO SUIT PROPERTY OWNER,  
 NOT FLATTER THAN 1:6

1:2 OR TO SUIT PROPERTY OWNER,  
 NOT FLATTER THAN 1:6

TYPICAL SECTION  
 SR 00 (WILSON STREET)  
 STA. 98+40.00 TO STA. 202+33.00

NEW CONSTRUCTION  
 OPTIONAL BASE GROUP 9 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 1/2")  
 AND FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2") (RUBBER)

TRAFFIC DATA

CURRENT YEAR = 1998 AADT = 22800  
 ESTIMATED OPENING YEAR = 2000 AADT = 25800  
 ESTIMATED DESIGN YEAR = 2020 AADT = 30600  
 K = 6% D = 55% T = 2% (24 HOUR)  
 DESIGN HOUR T = 1%  
 DESIGN SPEED = 45 MPH

TRAFFIC DATA IS REQUIRED TO BE  
 NOTED FOR CURRENT YEAR, OPENING  
 YEAR AND DESIGN YEAR.  
 POSTED SPEED (MPH) IS OPTIONAL.

\* TURF OR SOD

FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER.

EXHIBIT TYP-5  
 Date: 1/1/13

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-1-42-01		

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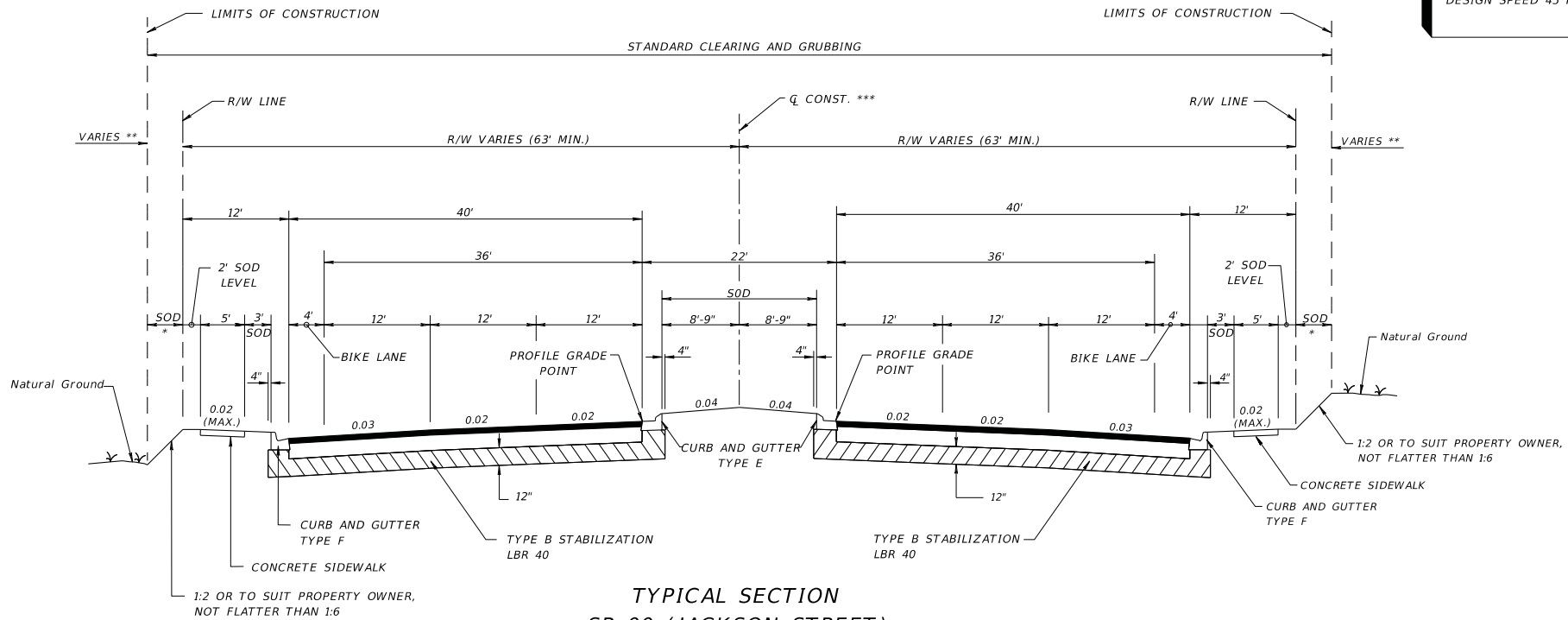
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\*\*\* @ SURVEY AND/OR  
 Q CONSTRUCTION, AS APPLICABLE.

\*\* IF LIMITS OF CONSTRUCTION  
 EXCEED RIGHT OF WAY, A  
 PROPERTY AGREEMENT IS REQUIRED.

6-LANE  
 ARTERIAL  
 NEW CONSTRUCTION  
 DIVIDED  
 URBAN  
 WITH BIKE LANES  
 DESIGN SPEED 45 MPH OR LESS



**TYPICAL SECTION  
 SR 00 (JACKSON STREET)  
 STA. 101+21.00 TO STA. 221+44.00**

**TRAFFIC DATA**

CURRENT YEAR = 1998 AADT = 22800  
 ESTIMATED OPENING YEAR = 2000 AADT = 25800  
 ESTIMATED DESIGN YEAR = 2020 AADT = 30600  
 K = 6% D = 55% T = 2% (24 HOUR)  
 DESIGN HOUR T = 1%  
 DESIGN SPEED = 45 MPH

TRAFFIC DATA IS REQUIRED TO BE  
 NOTED FOR CURRENT YEAR, OPENING  
 YEAR AND DESIGN YEAR.

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")  
 AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22 (ARB))

\* TURF OR SOD

FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER.

**EXHIBIT TYP-6**  
 Date: 1/1/13

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-5-20-1		

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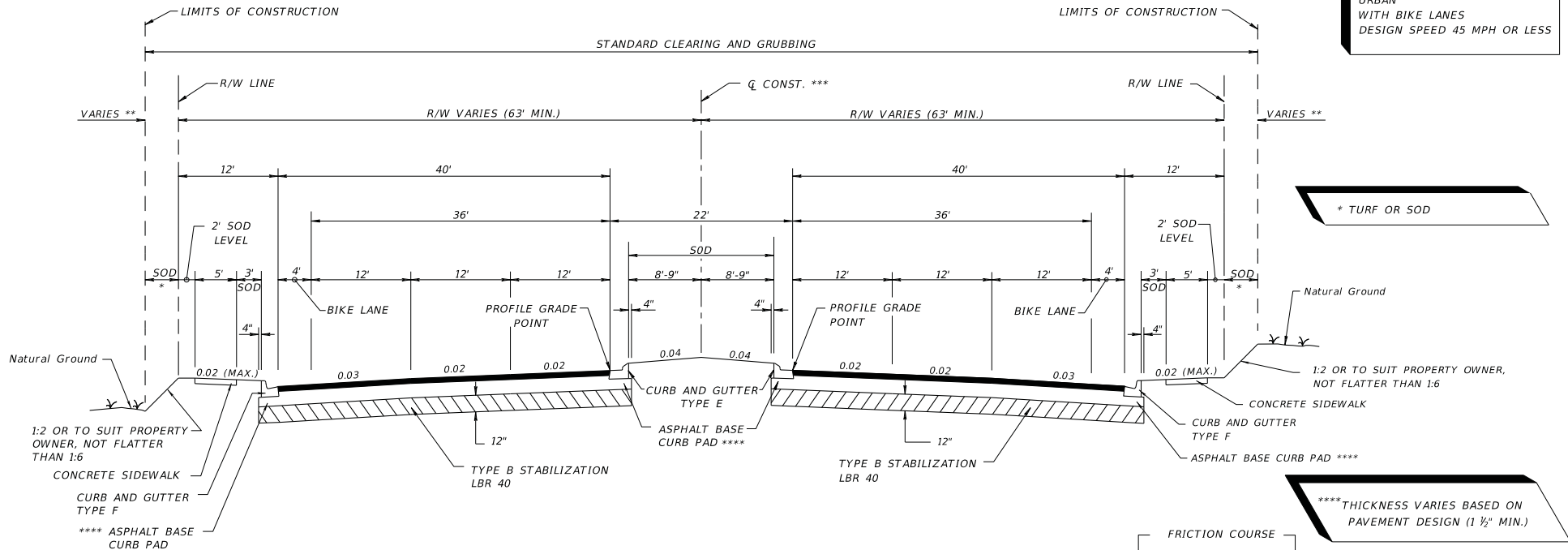
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\*\*\* @ SURVEY AND/OR  
 Q CONSTRUCTION, AS APPLICABLE.

\*\* IF LIMITS OF CONSTRUCTION  
 EXCEED RIGHT OF WAY, A  
 PROPERTY AGREEMENT IS REQUIRED.

6-LANE  
 ARTERIAL  
 NEW CONSTRUCTION  
 DIVIDED  
 URBAN  
 WITH BIKE LANES  
 DESIGN SPEED 45 MPH OR LESS



\* TURF OR SOD

\*\*\*\* THICKNESS VARIES BASED ON  
 PAVEMENT DESIGN (1 1/2" MIN.)

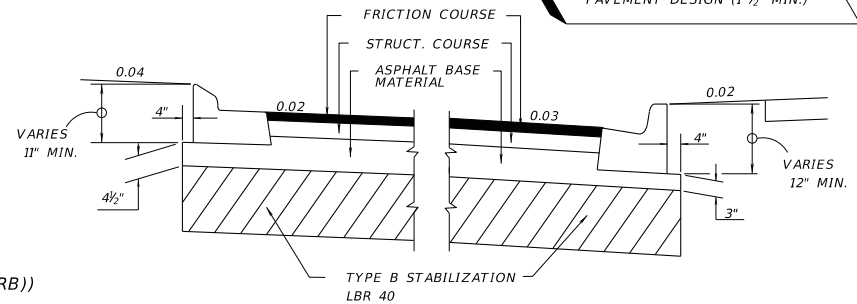
**TRAFFIC DATA**

CURRENT YEAR = 1998 AADT = 22800  
 ESTIMATED OPENING YEAR = 2000 AADT = 25800  
 ESTIMATED DESIGN YEAR = 2020 AADT = 30600  
 K = 6% D = 55% T = 2% (24 HOUR)  
 DESIGN HOUR T = 1%  
 DESIGN SPEED = 45 MPH

**TYPICAL SECTION  
 SR 00 (JACKSON STREET)  
 STA. 101+21.00 TO STA. 221+44.00**

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 (TYPE B-12.5 ONLY), WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")  
 AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22 (ARB))



DETAIL OF ASPHALT BASE CURB PAD

FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER

TRAFFIC DATA IS REQUIRED TO BE  
 NOTED FOR CURRENT YEAR, OPENING  
 YEAR AND DESIGN YEAR.

**EXHIBIT TYP-6A**  
 Date: 1/1/13

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-1-52-01		

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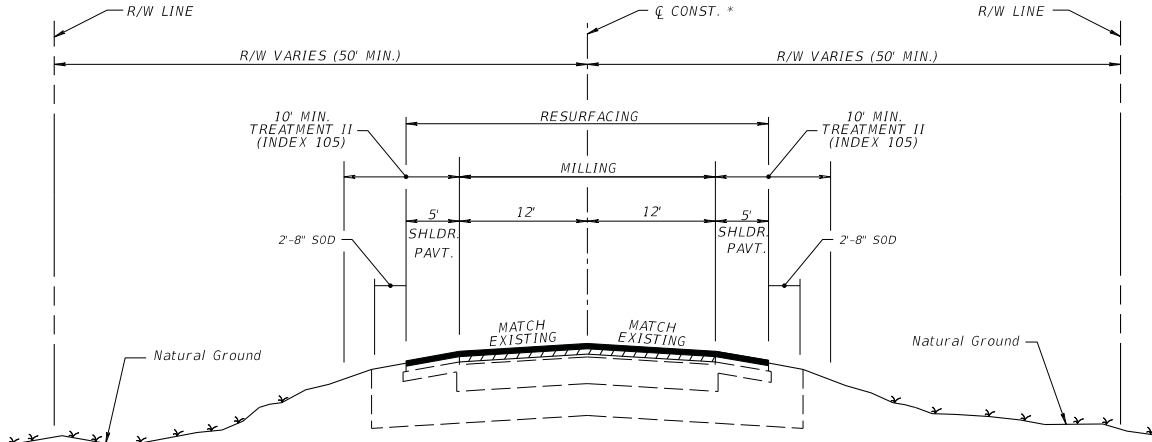
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\* @ SURVEY AND/OR  
 ☒ CONSTRUCTION, AS APPLICABLE.

FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER.

NOTES:  
 1. CROSS SLOPE CORRECTION IS REQUIRED IF  
 EXISTING CONDITIONS ARE NOT WITHIN THE RANGES OF  
 PPM VOLUME 1, CHAPTER 25 CRITERIA.  
 2. WHEN CROSS SLOPE CORRECTION IS NECESSARY,  
 SPECIAL MILLING, OVERBUILD, AND LAYERING DETAILS  
 MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION.  
 THE NEED FOR AND LOCATION OF PROFILE GRADE  
 POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

EXISTING  
 2-LANE (2-WAY)  
 ARTERIAL/COLLECTOR  
 MILLING AND RESURFACING  
 UNDIVIDED  
 RURAL  
 (WITH EXISTING BIKE LANES  
 OR PAVED SHOULDERS)  
 WITH PROJECTED 20 YR.  
 AADT OF 1500 OR GREATER



SOME PROJECTS MAY REQUIRE SHOULDER WORK.  
 WHEN REQUIRED THIS SHOULD BE IDENTIFIED  
 ON THE TYPICAL SECTION SHEET.

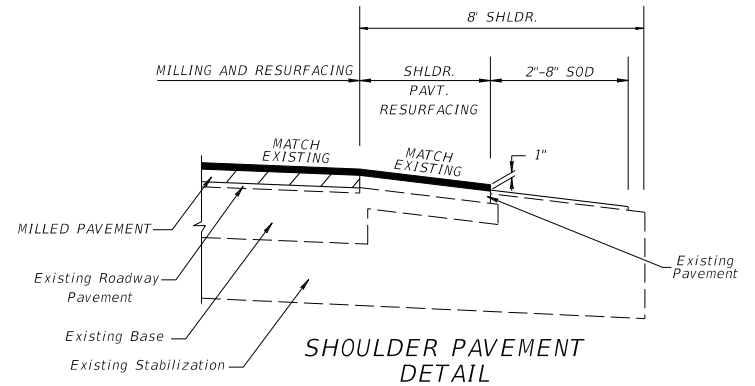
TYPICAL SECTION  
 SR 300B

TRAFFIC DATA  
 STA. 10+53.00 TO STA. 368+41.21  
 CURRENT YEAR = 1998 AADT = 9670  
 ESTIMATED OPENING YEAR = 2000 AADT = 11900  
 ESTIMATED DESIGN YEAR = 2010 AADT = 20200  
 K = 10% D = 60% T = 7% (24 HOUR)  
 DESIGN HOUR T = 3%  
 DESIGN SPEED = 55 MPH

CONSTANT DEPTH MILLING AND RESURFACING  
 STA. 10+53.00 TO STA. 368+41.21

MILLING  
 MILL EXISTING ASPHALT  
 PAVEMENT FOR DEPTH (2")  
 RESURFACING  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2")  
 AND FRICTION COURSE FC-9.5  
 (TRAFFIC B) (1") (RUBBER)

SHOULDER PAVEMENT RESURFACING  
 FRICTION COURSE FC-9.5  
 (TRAFFIC B) (1") (RUBBER)



TRAFFIC DATA IS REQUIRED TO BE NOTED FOR  
 CURRENT YEAR, OPENING YEAR AND DESIGN YEAR.

EXHIBIT TYP-7  
 Date: 1/1/13

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			

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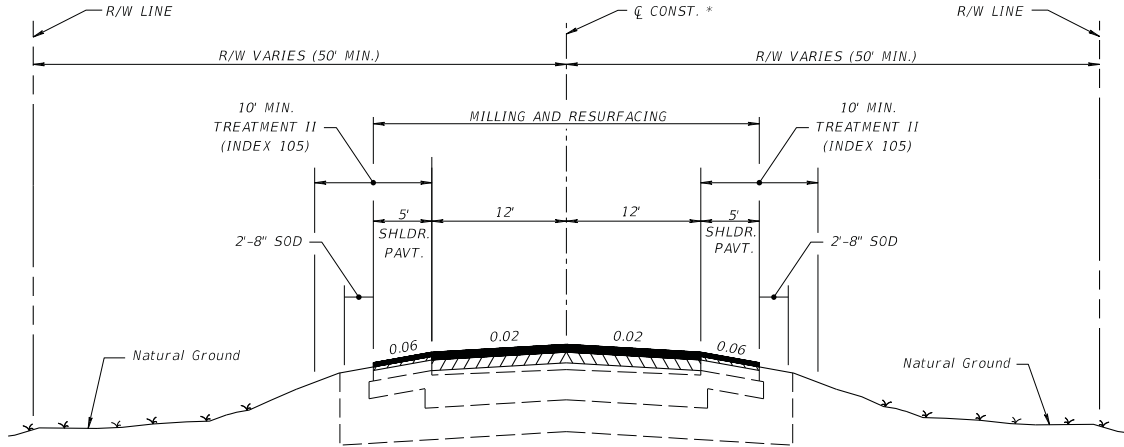


\* @ SURVEY AND/OR  
 @ CONSTRUCTION, AS APPLICABLE.

FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER.

NOTES:  
 1. CROSS SLOPE CORRECTION IS REQUIRED IF  
 EXISTING CONDITIONS ARE NOT WITHIN THE RANGES OF  
 PPM VOLUME 1, CHAPTER 25 CRITERIA.  
 2. WHEN CROSS SLOPE CORRECTION IS NECESSARY,  
 SPECIAL MILLING, OVERBUILD, AND LAYERING DETAILS  
 MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION.  
 THE NEED FOR AND LOCATION OF PROFILE GRADE  
 POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

EXISTING  
 2-LANE (2-WAY)  
 ARTERIAL/COLLECTOR  
 MILLING AND RESURFACING  
 UNDIVIDED  
 RURAL  
 (WITH EXISTING BIKE LANES  
 OR PAVED SHOULDERS)  
 WITH PROJECTED 20 YR.  
 AADT OF 1500 OR GREATER



TYPICAL SECTION  
 SR 400B

TRAFFIC DATA  
 STA. 130+77.00 TO STA. 206+82.28  
 CURRENT YEAR = 1998 AADT = 9670  
 ESTIMATED OPENING YEAR = 2000 AADT = 11900  
 ESTIMATED DESIGN YEAR = 2010 AADT = 20200  
 K = 10% D = 60% T = 7% (24 HOUR)  
 DESIGN HOUR T = 3%  
 DESIGN SPEED = 55 MPH

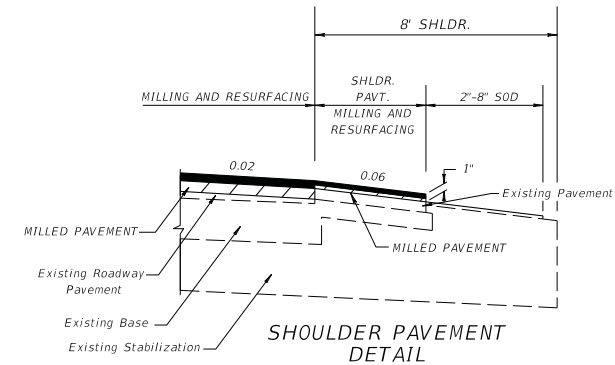
CROSS SLOPE CORRECTION  
 STA. 130+77.00 TO STA. 157+00.00

VARIABLE MILLING  
 MILL EXISTING ASPHALT  
 PAVEMENT FOR SLOPE (2 3/4" AVG. DEPTH)

RESURFACING  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2")  
 AND FRICTION COURSE FC-9.5  
 (TRAFFIC B) (1") (RUBBER)

SHOULDER MILLING  
 MILL EXISTING ASPHALT  
 PAVEMENT (1" AVG. DEPTH)

SHOULDER PAVEMENT RESURFACING  
 FRICTION COURSE FC-9.5  
 (TRAFFIC B) (1") (RUBBER)



SHOULDER PAVEMENT  
 DETAIL

TRAFFIC DATA IS REQUIRED TO BE NOTED FOR  
 CURRENT YEAR, OPENING YEAR AND DESIGN YEAR.

EXHIBIT TYP-8  
 Date: 1/1/13

SHEET 1 OF 2

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				400B	LEON	123456-1-52-01		

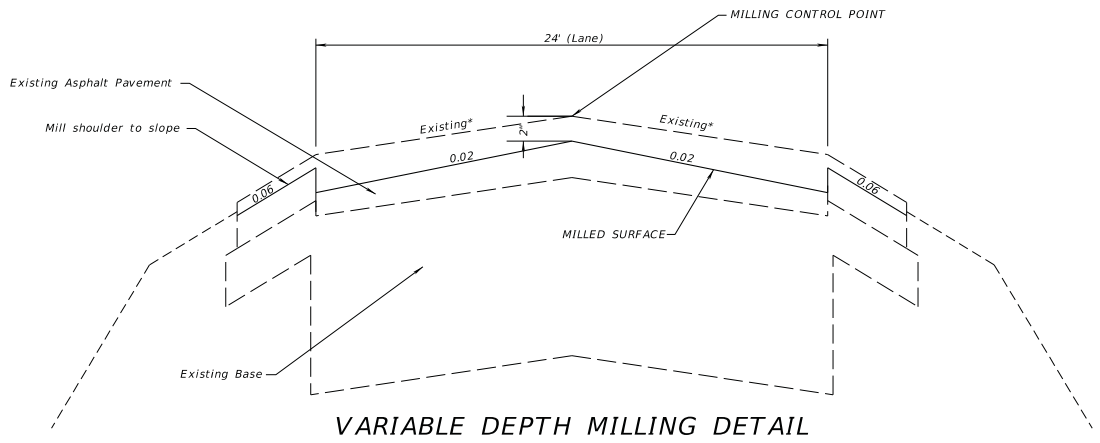
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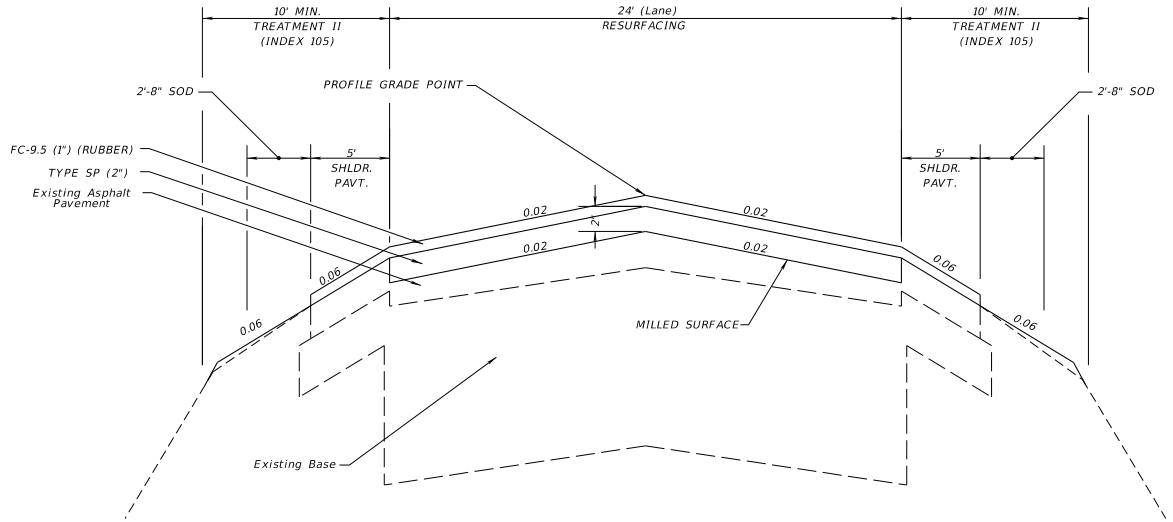
VARIABLE DEPTH MILLING DETAIL

EXAMPLE OF CROSS SLOPE CORRECTION BY VARIABLE DEPTH MILLING AND RESURFACE.

WHEN CROSS SLOPE CORRECTION IS NECESSARY SPECIAL MILLING, OVERBUILD AND LAYERING DETAILS MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION. THE NEED FOR AND LOCATION OF PROFILE GRADES POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

FOR STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER.

SUGGESTED CONSTRUCTION SEQUENCES SHOWN. OTHER SEQUENCES THAT MEET SPECIFICATIONS, THICKNESS AND CROSS SLOPE REQUIREMENTS MAY BE CONSIDERED BY THE ENGINEER.



RESURFACING DETAIL

STA. 130+77.00 TO STA. 157+00.00

**\*EXISTING PAVEMENT CROSS SLOPES**

STATION	ROADWAY	
	LT	RT
131+00	0.014	0.014
132+00	0.014	0.014
133+00	0.013	0.013
134+00	0.013	0.012
135+00	0.013	0.013
136+00	0.013	0.013
137+00	0.012	0.013
138+00	0.012	0.013
139+00	0.013	0.014
140+00	0.012	0.013
141+00	0.013	0.011
142+00	0.014	0.011
143+00	0.015	0.011
144+00	0.015	0.011

**\*EXISTING PAVEMENT CROSS SLOPES**

STATION	ROADWAY	
	LT	RT
145+00	0.014	0.010
146+00	0.013	0.010
147+00	0.012	0.010
148+00	0.013	0.012
149+00	0.013	0.012
150+00	0.014	0.012
151+00	0.016	0.012
152+00	0.013	0.012
153+00	0.014	0.012
154+00	0.016	0.012
155+00	0.013	0.012
156+00	0.013	0.012
157+00	0.014	0.012

EXHIBIT TYP-8A  
Date: 1/1/13  
SHEET 2 OF 2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400B	LEON	123456-1-52-01

TYPICAL SECTION DETAILS

SHEET NO.

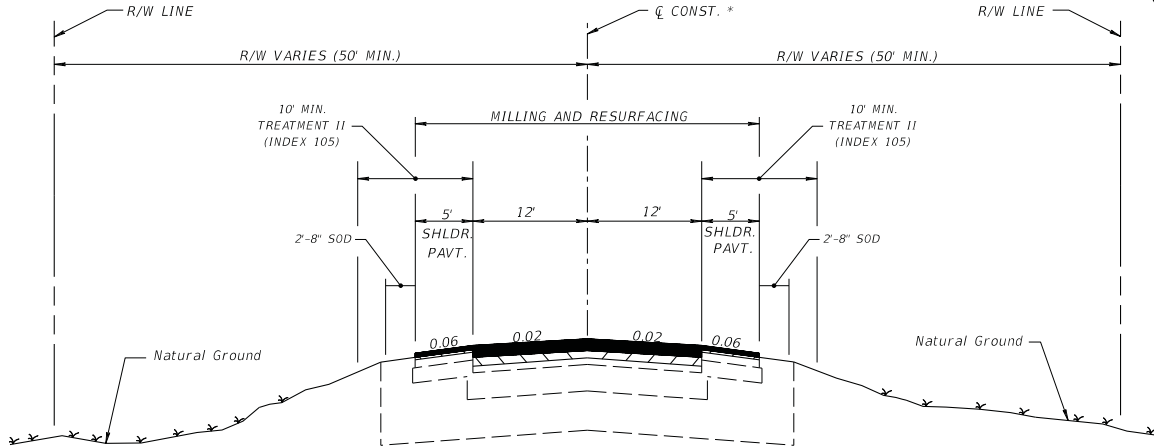
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\* @ SURVEY AND/OR  
 @ CONSTRUCTION, AS APPLICABLE.

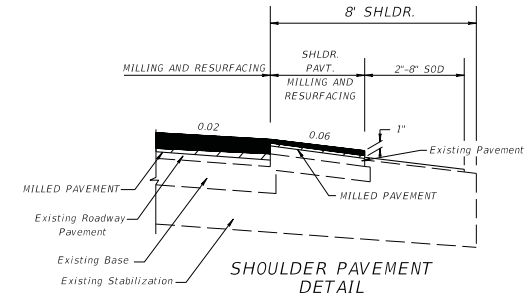
FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER.

NOTES:  
 1. NO CROSS SLOPE CORRECTION REQUIRED IF EXISTING  
 CONDITIONS ARE WITHIN THE RANGES OF PPM VOLUME 1,  
 CHAPTER 25 CRITERIA.  
 2. WHEN CROSS SLOPE CORRECTION IS NECESSARY,  
 SPECIAL MILLING, OVERBUILD, AND LAYERING DETAILS  
 MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION.  
 THE NEED FOR AND LOCATION OF PROFILE GRADE  
 POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

EXISTING  
 2-LANE (2-WAY)  
 ARTERIAL/COLLECTOR  
 MILLING AND OVERBUILD  
 FOR SLOPE  
 UNDIVIDED  
 RURAL  
 (WITH EXISTING BIKE LANES  
 OR PAVED SHOULDERS)  
 WITH PROJECTED 20 YR.  
 AADT OF 1500 OR GREATER



TYPICAL SECTION  
 SR 500B



TRAFFIC DATA  
 STA. 10+53.00 TO STA. 130+77.00  
 CURRENT YEAR = 1998 AADT = 9670  
 ESTIMATED OPENING YEAR = 2000 AADT = 11900  
 ESTIMATED DESIGN YEAR = 2010 AADT = 20200  
 K = 10% D = 60% T = 7% (24 HOUR)  
 DESIGN HOUR T = 3%  
 DESIGN SPEED = 55 MPH

CROSS SLOPE CORRECTION  
 STA. 10+53.00 TO STA. 130+77.00

MILLING FOR DEPTH  
 MILL EXISTING ASPHALT  
 PAVEMENT FOR DEPTH (2")

OVERBUILD FOR SLOPE  
 TYPE SP OVERBUILD (TRAFFIC B)  
 THICKNESS VARIES (3/8" TO 1 1/2")

RESURFACING  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2")  
 AND FRICTION COURSE FC-9.5  
 (TRAFFIC B) (1") (RUBBER)

SHOULDER MILLING  
 MILL EXISTING ASPHALT  
 PAVEMENT (1" AVG. DEPTH)

SHOULDER PAVEMENT RESURFACING  
 FRICTION COURSE FC-9.5  
 (TRAFFIC B) (1") (RUBBER)

TRAFFIC DATA IS REQUIRED TO BE NOTED FOR  
 CURRENT YEAR, OPENING YEAR AND DESIGN YEAR.

EXHIBIT TYP-9  
 Date: 1/1/13

SHEET 1 OF 2

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				500B	LEON	123456-1-52-01		

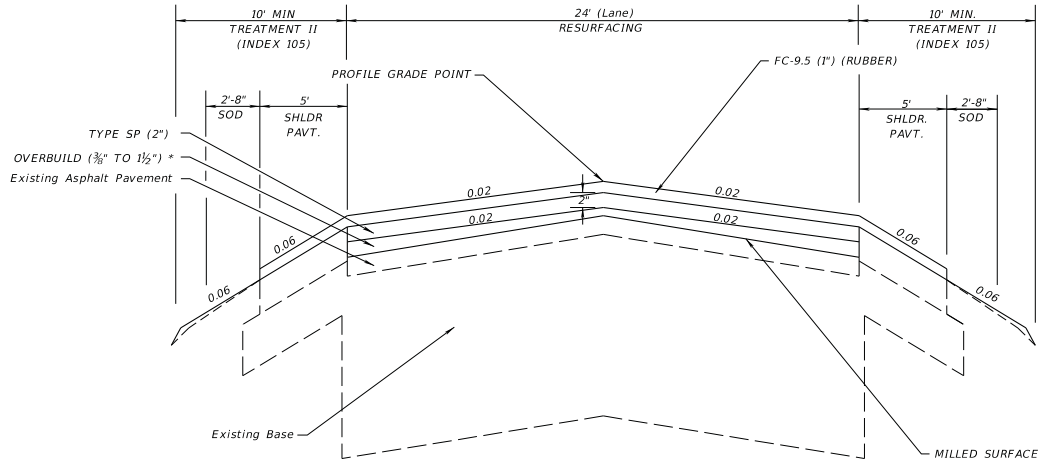
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**OVERBUILD AND RESURFACING DETAIL**

\* TYPE SP OVERBUILD THICKNESSES  
(PER FDOT SPECIFICATION 334)

EXAMPLE OF CROSS SLOPE CORRECTION BY  
CONSTANT DEPTH MILLING AND OVERBUILD.

WHEN CROSS SLOPE CORRECTION IS NECESSARY  
SPECIAL MILLING, OVERBUILD AND LAYERING DETAILS  
MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION.  
THE NEED FOR AND LOCATION OF PROFILE GRADES  
POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

SUGGESTED CONSTRUCTION SEQUENCES SHOWN.  
OTHER SEQUENCES THAT MEET SPECIFICATIONS,  
THICKNESS AND CROSS SLOPE REQUIREMENTS MAY  
BE CONSIDERED BY THE ENGINEER.

FOR STANDARD TYPICAL SECTION NOTES  
REFER TO EXHIBIT 6-1, THIS CHAPTER.

**EXHIBIT TYP-9A**  
Date: 1/1/13  
SHEET 2 OF 2

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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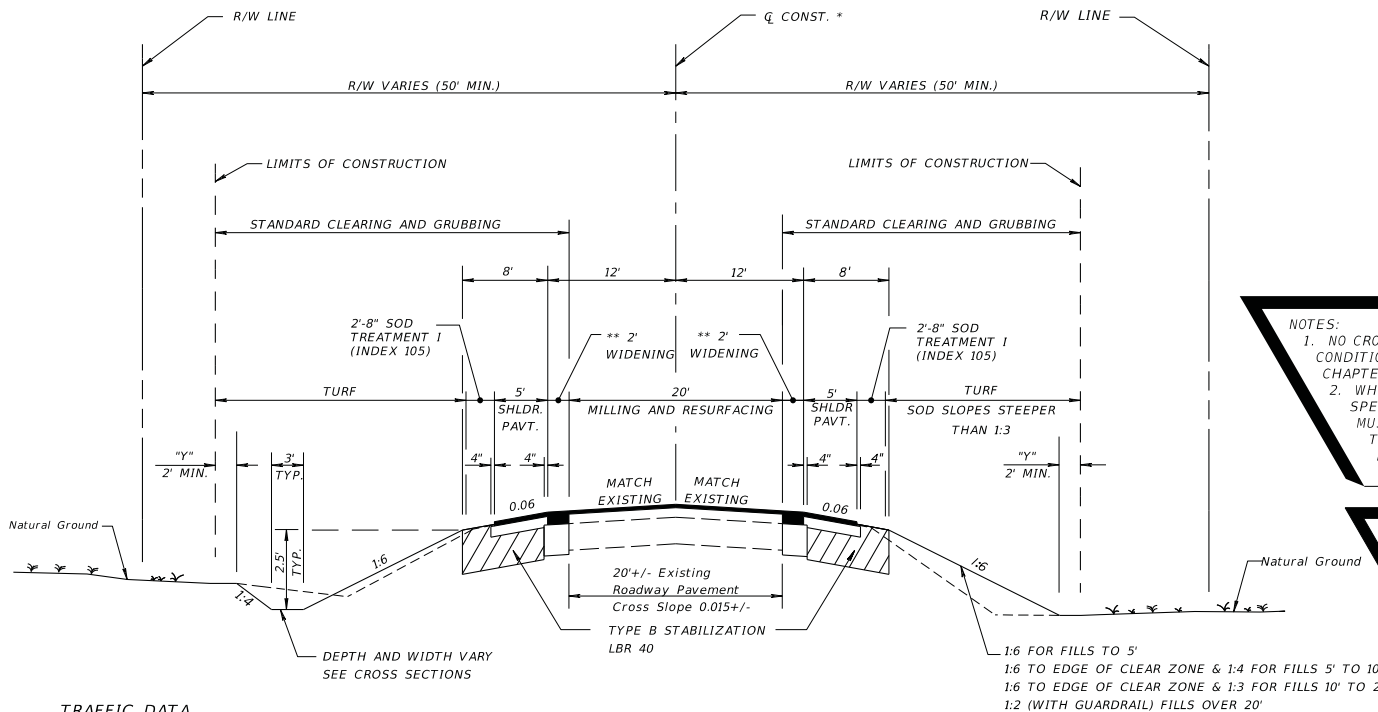
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EXISTING  
2-LANE (2-WAY)  
ARTERIAL/COLLECTOR  
WIDENING  
MILLING AND RESURFACING  
UNDIVIDED  
RURAL  
CONST. 5' SHOULDER  
PAVEMENT OR BIKE LANE  
WITH PROJECTED 20 YR.  
AADT OF 1500 OR GREATER  
DESIGN SPEED GREATER  
THAN 50 MPH

NOTES:  
1. NO CROSS SLOPE CORRECTION REQUIRED IF EXISTING CONDITIONS ARE WITHIN THE RANGES OF PPM VOLUME 1, CHAPTER 25 CRITERIA.  
2. WHEN CROSS SLOPE CORRECTION IS NECESSARY, SPECIAL MILLING, OVERBUILD, AND LAYERING DETAILS MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION. THE NEED FOR AND LOCATION OF PROFILE GRADE POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

\*  $\bar{Q}$  SURVEY AND/OR  $\bar{Q}$  CONSTRUCTION, AS APPLICABLE.

"Y" THE AREA DISTURBED BY CONSTRUCTION VARIES.

NOTE:  
HEIGHT OF FILL IS THE VERTICAL DISTANCE FROM THE EDGE OF THE OUTSIDE TRAVEL LANE TO TOE OF FRONT SLOPE.

FOR STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER.

\*\* SEE SHEET 2 OF 2 FOR WIDENING AND SHOULDER PAVEMENT DETAIL

EXHIBIT TYP-10  
Date: 1/1/13

**TRAFFIC DATA**  
STA. 20+25.00 TO STA. 48+16.56

CURRENT YEAR = 1998 AADT = 8700  
ESTIMATED OPENING YEAR = 2000 AADT = 9200  
ESTIMATED DESIGN YEAR = 2020 AADT = 23600  
K = 10% D = 56% T = 5% (24 HOUR)  
DESIGN HOUR T = 3%  
DESIGN SPEED = 55 MPH

STA. 57+82.78 TO STA. 93+41.21

CURRENT YEAR = 1998 AADT = 6835  
ESTIMATED OPENING YEAR = 2000 AADT = 8600  
ESTIMATED DESIGN YEAR = 2020 AADT = 17200  
K = 10% D = 65% T = 7% (24 HOUR)  
DESIGN HOUR T = 3%  
DESIGN SPEED = 55 MPH

TRAFFIC DATA IS REQUIRED TO BE NOTED FOR CURRENT YEAR, OPENING YEAR AND DESIGN YEAR.

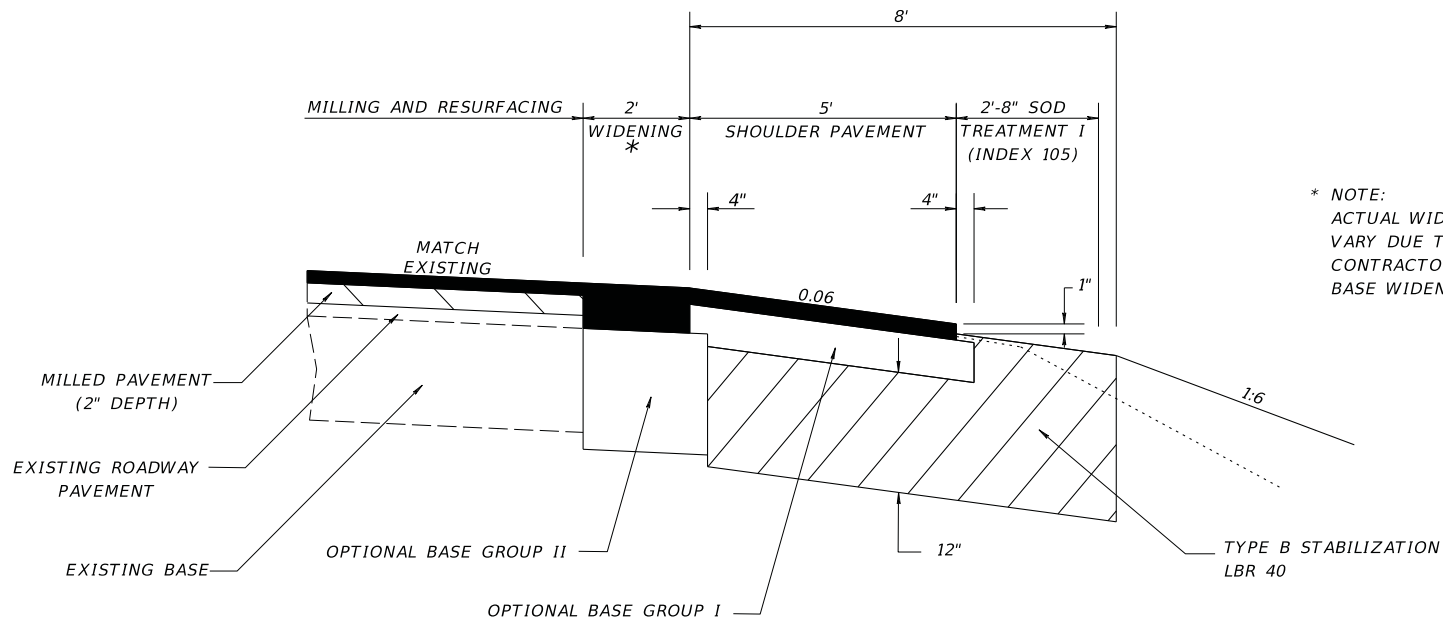
**TYPICAL SECTION**  
**SR 000**  
STA. 20+25.00 TO STA. 48+16.56  
STA. 57+82.78 TO STA. 93+41.21

- MILLING**  
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2")
- RESURFACING**  
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")  
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (RUBBER)
- WIDENING**  
OPTIONAL BASE GROUP II WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")  
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (RUBBER)

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-1-52-01		

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THE NEED FOR STABILIZATION IN THE SHOULDER AREA ON RRR PROJECTS IS SITE SPECIFIC AND NOT ALWAYS REQUIRED. THE USE OF STABILIZING IN NARROW TRENCH WIDENING STRIPS IS NOT RECOMMENDED GENERALLY. SEE THE FLEXIBLE PAVEMENT DESIGN MANUAL FOR FURTHER CRITERIA.



\* NOTE:  
ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL PAVEMENT WIDTH. CONTRACTOR MAY ELECT TO PLACE UNIFORM BASE WIDENING AT NO ADDITIONAL COST.

**WIDENING & SHOULDER PAVEMENT DETAIL**

**WIDENING**

OPTIONAL BASE GROUP II WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")  
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (RUBBER))

**SHOULDER PAVEMENT**

OPTIONAL BASE GROUP I WITH  
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (RUBBER))

NOTES:  
1. NO CROSS SLOPE CORRECTION REQUIRED IF EXISTING CONDITIONS ARE WITHIN THE RANGES OF PPM VOLUME 1, CHAPTER 25 CRITERIA.  
2. WHEN CROSS SLOPE CORRECTION IS NECESSARY, SPECIAL MILLING, OVERBUILD, AND LAYERING DETAILS MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION. THE NEED FOR AND LOCATION OF PROFILE GRADE POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

FOR STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER

**EXHIBIT TYP-10A**  
Date: 1/1/13

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-1-52-01		

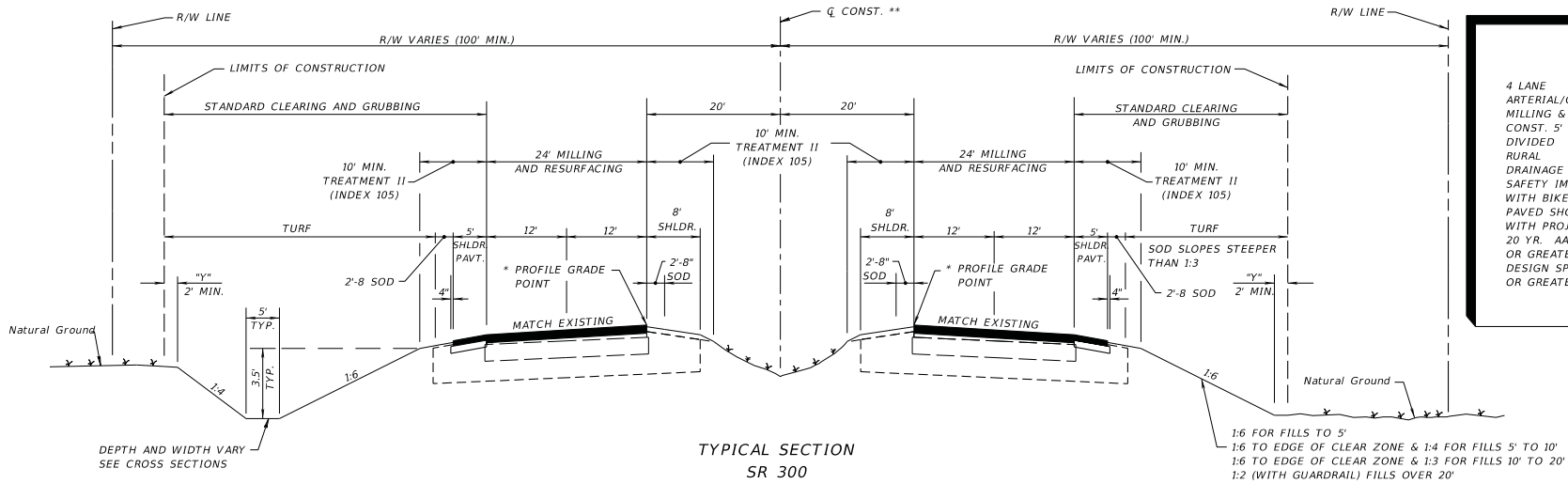
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4 LANE  
ARTERIAL/COLLECTOR  
MILLING & RESURFACING  
CONST. 5' SHLDR. PAVT  
DIVIDED  
RURAL  
DRAINAGE IMPROVEMENTS  
SAFETY IMPROVEMENTS  
WITH BIKE LANES OR  
PAVED SHOULDERS  
WITH PROJECTED  
20 YR. AADT OF 1500  
OR GREATER  
DESIGN SPEED 45 MPH  
OR GREATER

TYPICAL SECTION  
SR 300

CONSTANT DEPTH MILLING AND RESURFACING  
STA. 190+00.00 TO STA. 204+34.58

- MILLING**  
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/2")
- RESURFACING**  
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2")  
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22)  
AND FRICTION COURSE FC-5 (3/4") (PG 76-22)
- SHOULDER PAVEMENT**  
OPTIONAL BASE GROUP 1 WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22)  
AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 1998 AADT = 18100  
ESTIMATED OPENING YEAR = 2000 AADT = 21000  
ESTIMATED DESIGN YEAR = 2012 AADT = 38900  
K = 11% D = 58% T = 22% (24 HOUR)  
DESIGN HOUR T = 11%  
DESIGN SPEED = 60 MPH  
POSTED SPEED = 55 MPH

TRAFFIC DATA IS REQUIRED TO BE NOTED FOR  
CURRENT YEAR, OPENING YEAR, AND DESIGN YEAR.  
POSTED SPEED (MPH) IS OPTIONAL.

\*\* SURVEY AND/OR  
CONSTRUCTION, AS APPLICABLE.

"Y" THE AREA DISTURBED BY CONSTRUCTION VARIES.

NOTE:  
HEIGHT OF FILL IS THE VERTICAL DISTANCE  
FROM THE EDGE OF THE OUTSIDE TRAVEL LANE  
TO TOE OF FRONT SLOPE.

\* WHEN CROSS SLOPE CORRECTION IS NECESSARY  
SPECIAL MILLING, OVERBUILD AND LAYERING DETAILS  
MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION.  
THE NEED FOR AND LOCATION OF PROFILE GRADE  
POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

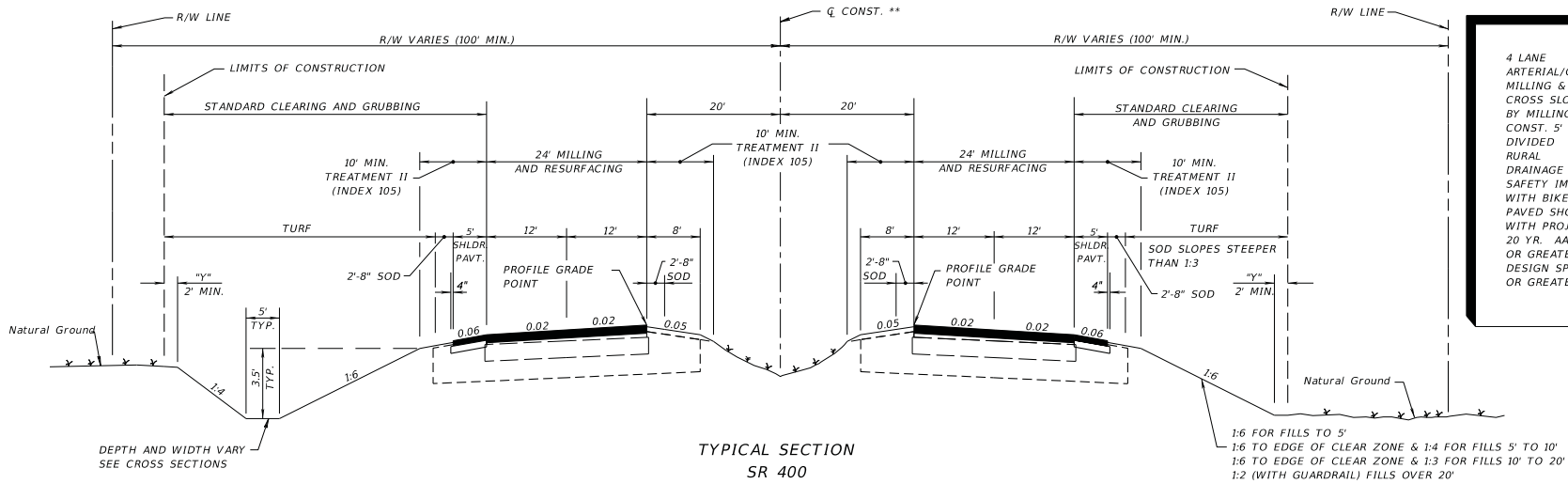
FOR STANDARD TYPICAL SECTION NOTES  
REFER TO EXHIBIT 6-1, THIS CHAPTER.

FOR MILLING AND RESURFACING DETAILS SEE  
TYPICAL SECTION DETAILS SHEET 2-5

EXHIBIT TYP-11  
Date: 1/1/13

SHEET 1 OF 1

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				300	LEON	123456-1-52-01		



4 LANE  
ARTERIAL/COLLECTOR  
MILLING & RESURFACING  
CROSS SLOPE CORRECTION  
BY MILLING  
CONST. 5' SHLDR. PAVT  
DIVIDED  
RURAL  
DRAINAGE IMPROVEMENTS  
SAFETY IMPROVEMENTS  
WITH BIKE LANES OR  
PAVED SHOULDERS  
WITH PROJECTED  
20 YR. AADT OF 1500  
OR GREATER  
DESIGN SPEED 45 MPH  
OR GREATER

TYPICAL SECTION  
SR 400

CROSS SLOPE CORRECTION  
STA. 204+34.58 TO STA. 225+00.00  
VARIABLE DEPTH MILLING

MILL EXISTING ASPHALT PAVEMENT FOR SLOPE (1 1/2" AVG. DEPTH)

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2")  
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22)  
AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22)  
AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

NOTES:  
1. CROSS SLOPE CORRECTION IS REQUIRED IF EXISTING CONDITIONS ARE NOT WITHIN THE RANGES OF PPM VOLUME 1, CHAPTER 25 CRITERIA.  
2. WHEN CROSS SLOPE CORRECTION IS NECESSARY, SPECIAL MILLING, OVERBUILD, AND LAYERING DETAILS MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION. THE NEED FOR AND LOCATION OF PROFILE GRADE POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

NOTE:  
HEIGHT OF FILL IS THE VERTICAL DISTANCE FROM THE EDGE OF THE OUTSIDE TRAVEL LANE TO TOE OF FRONT SLOPE.

FOR MILLING AND RESURFACING DETAILS SEE TYPICAL SECTION DETAILS SHEET 2-5

EXHIBIT TYP-12  
Date: 1/1/13

SHEET 1 OF 2

"Y" THE AREA DISTURBED BY CONSTRUCTION VARIES.

TRAFFIC DATA

CURRENT YEAR = 1998 AADT = 18100  
ESTIMATED OPENING YEAR = 2000 AADT = 21000  
ESTIMATED DESIGN YEAR = 2012 AADT = 38900  
K = 11% D = 58% T = 22% (24 HOUR)  
DESIGN HOUR T = 11%  
DESIGN SPEED = 60 MPH  
POSTED SPEED = 55 MPH

TRAFFIC DATA IS REQUIRED TO BE NOTED FOR CURRENT YEAR, OPENING YEAR, AND DESIGN YEAR. POSTED SPEED (MPH) IS OPTIONAL.

\*\* SURVEY AND/OR Q CONSTRUCTION, AS APPLICABLE.

FOR STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER.

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				400	LEON	123456-1-52-01		

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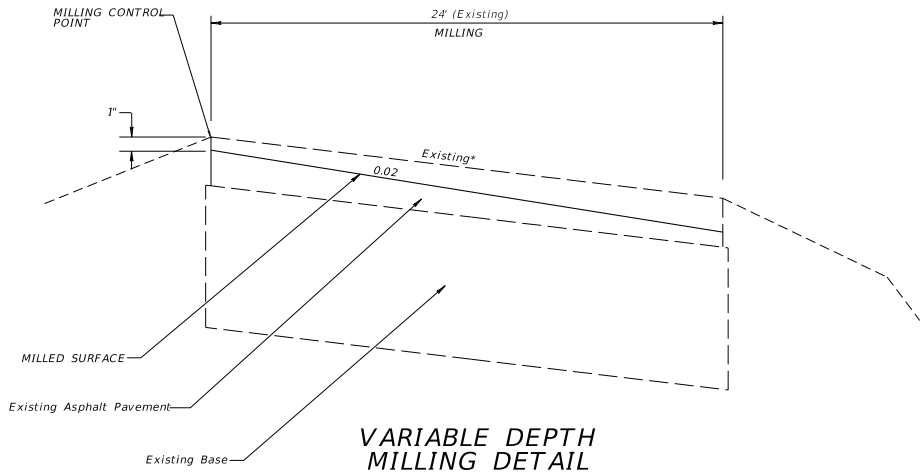
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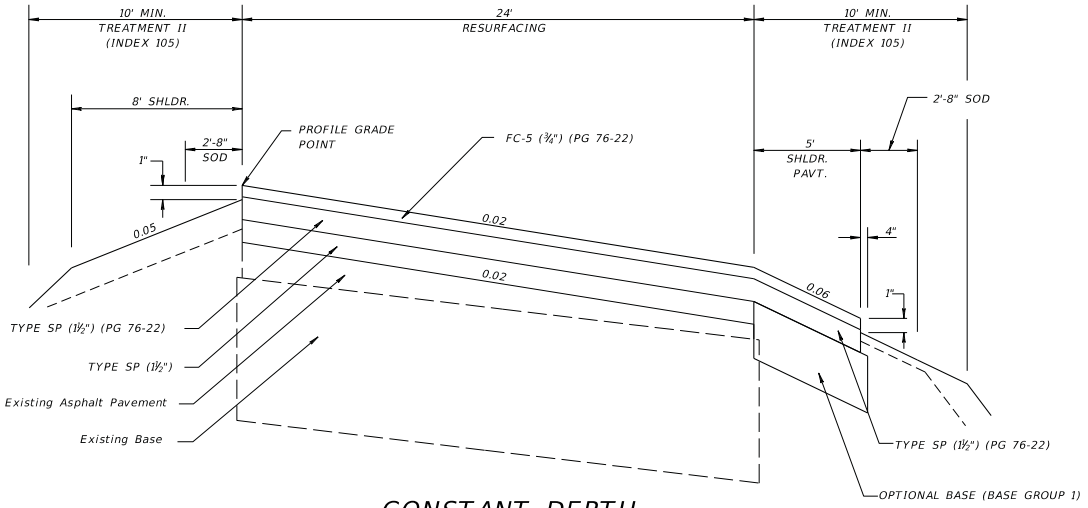


**VARIABLE DEPTH MILLING DETAIL**

EXAMPLE OF CROSS SLOPE CORRECTION BY MILLING AND PAVING WITH CONSTANT DEPTH.

WHEN CROSS SLOPE CORRECTION IS NECESSARY SPECIAL MILLING AND LAYERING DETAILS MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION. THE NEED FOR AND LOCATION OF PROFILE GRADE POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

FOR STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER.



**CONSTANT DEPTH RESURFACING DETAIL**

STA. 204+34.58 TO STA. 225+00

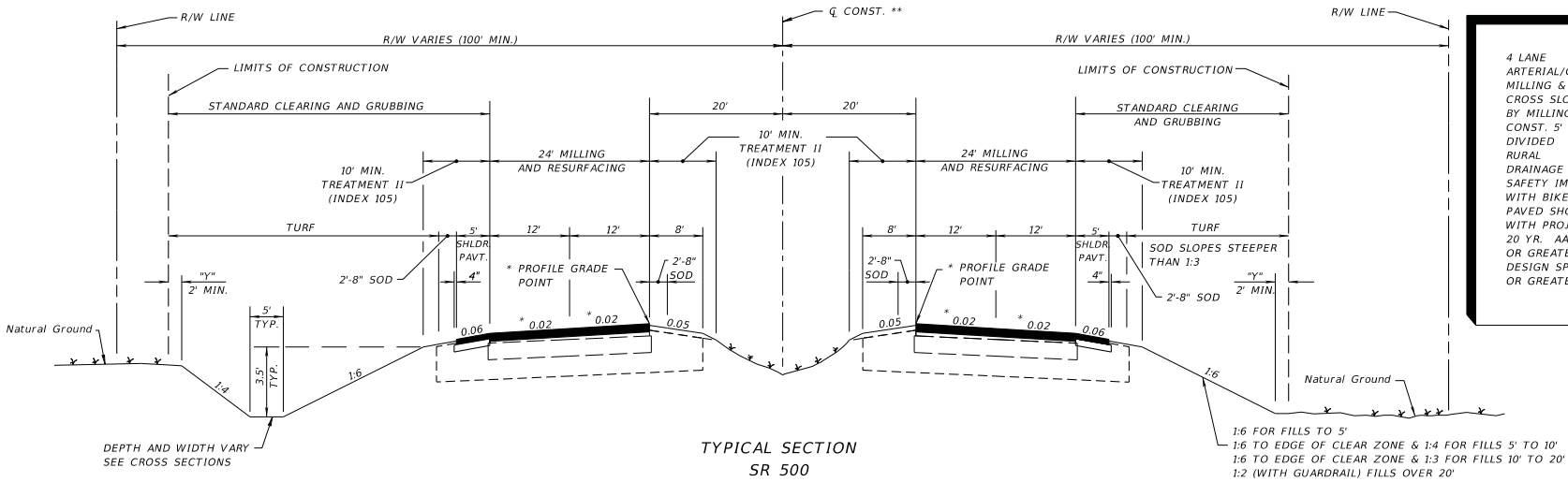
STATION	*EXISTING PAVEMENT CROSS SLOPES	
	EASTBOUND LANES	
	INSIDE	OUTSIDE
205+00	0.014	0.013
206+00	0.012	0.012
207+00	0.013	0.013
208+00	0.011	0.012
209+00	0.013	0.014
210+00	0.013	0.015
211+00	0.014	0.015
212+00	0.013	0.013
213+00	0.012	0.012
214+00	0.012	0.011
215+00	0.013	0.011
216+00	0.014	0.012
217+00	0.015	0.013

STATION	*EXISTING PAVEMENT CROSS SLOPES	
	EASTBOUND LANES	
	INSIDE	OUTSIDE
218+00	0.015	0.013
219+00	0.014	0.014
220+00	0.013	0.016
221+00	0.012	0.015
222+00	0.013	0.014
223+00	0.013	0.013
224+00	0.014	0.013
225+00	0.016	0.016

EXHIBIT TYP-12A  
Date: 1/1/13

SHEET 2 OF 2

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				400	LEON	123456-1-52-01		



4 LANE ARTERIAL/COLLECTOR MILLING & RESURFACING CROSS SLOPE CORRECTION BY MILLING OR OVERBUILD CONST. 5' SHLDR. PAVT DIVIDED RURAL DRAINAGE IMPROVEMENTS SAFETY IMPROVEMENTS WITH BIKE LANES OR PAVED SHOULDERS WITH SHOULDERS WITH PROJECTED 20 YR. AADT OF 1500 OR GREATER DESIGN SPEED 45 MPH OR GREATER

TYPICAL SECTION SR 500

STA. 316+53.67 TO STA. 347+00.00  
**VARIABLE DEPTH MILLING**  
 MILL EXISTING ASPHALT PAVEMENT (1 1/2" AVG. DEPTH)  
**OVERBUILD**  
 TYPE SP OVERBUILD (TRAFFIC D) THICKNESS VARIES (1" TO 1 1/2")  
**RESURFACING**  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2")  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22)  
 AND FRICTION COURSE FC-5 (3/4") (PG 76-22)  
**SHOULDER PAVEMENT**  
 OPTIONAL BASE GROUP 1 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22)  
 AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

STA. 600+10.00 TO STA. 620+00.00  
**CONSTANT DEPTH MILLING**  
 MILL EXISTING ASPHALT PAVEMENT (1 1/2" DEPTH)  
**OVERBUILD**  
 TYPE SP OVERBUILD (TRAFFIC D) THICKNESS VARIES (1" TO 2 1/2")  
**RESURFACING**  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2")  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22)  
 AND FRICTION COURSE FC-5 (3/4") (PG 76-22)  
**SHOULDER PAVEMENT**  
 OPTIONAL BASE GROUP 1 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22)  
 AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

1:6 FOR FILLS TO 5'  
 1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'  
 1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'  
 1:2 (WITH GUARDRAIL) FILLS OVER 20'

TRAFFIC DATA

CURRENT YEAR = 1998 AADT = 18100  
 ESTIMATED OPENING YEAR = 2000 AADT = 21000  
 ESTIMATED DESIGN YEAR = 2012 AADT = 38900  
 K = 11% D = 58% T = 22% (24 HOUR)  
 DESIGN HOUR T = 11%  
 DESIGN SPEED = 60 MPH  
 POSTED SPEED = 55 MPH

\*\*  $\bar{R}$  SURVEY AND/OR  $\bar{Q}$  CONSTRUCTION, AS APPLICABLE.

"Y" THE AREA DISTURBED BY CONSTRUCTION VARIES.

NOTE:  
 HEIGHT OF FILL IS THE VERTICAL DISTANCE FROM THE EDGE OF THE OUTSIDE TRAVEL LANE TO TOE OF FRONT SLOPE.

TRAFFIC DATA IS REQUIRED TO BE NOTED FOR CURRENT YEAR, OPENING YEAR, AND DESIGN YEAR. POSTED SPEED (MPH) IS OPTIONAL.

\* WHEN CROSS SLOPE CORRECTION IS NECESSARY SPECIAL MILLING, OVERBUILD AND LAYERING DETAILS MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION. THE NEED FOR AND LOCATION OF PROFILE GRADE POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

FOR STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER.

FOR MILLING AND RESURFACING DETAILS SEE TYPICAL SECTION DETAILS SHEET 2-4

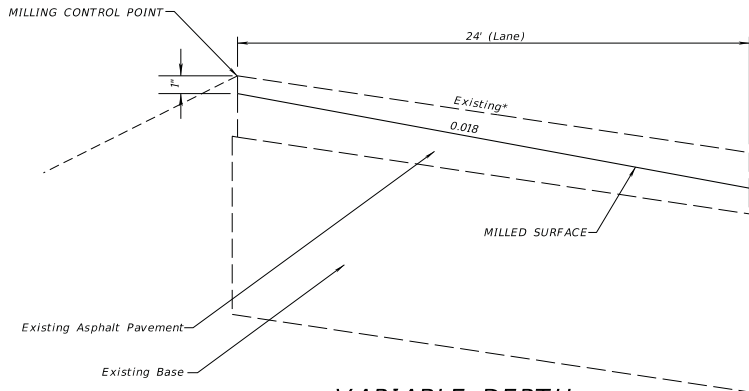
EXHIBIT TYP-13  
 Date: 1/1/13

SHEET 1 OF 4

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				500	LEON	123456-1-52-01	

TYPICAL SECTION

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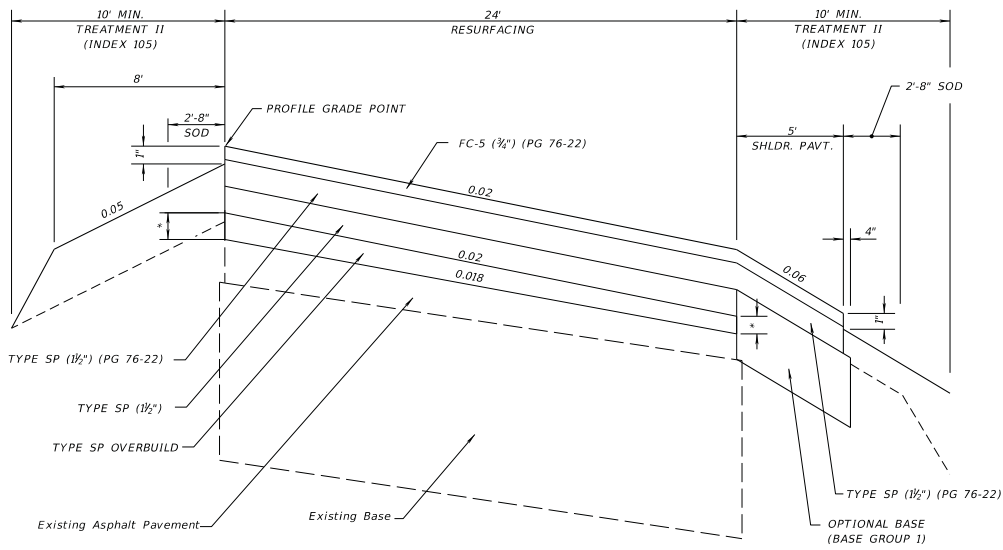
**VARIABLE DEPTH MILLING DETAIL**

EXAMPLE OF CROSS SLOPE CORRECTION BY VARIABLE MILLING AND OVERBUILD.

WHEN CROSS SLOPE CORRECTION IS NECESSARY SPECIAL MILLING, OVERBUILD AND LAYERING DETAILS MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION. THE NEED FOR AND LOCATION OF PROFILE GRADES POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

SUGGESTED CONSTRUCTION SEQUENCES SHOWN. OTHER SEQUENCES THAT MEET SPECIFICATIONS, THICKNESS AND CROSS SLOPE REQUIREMENTS MAY BE CONSIDERED BY THE ENGINEER.

FOR STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER.



**VARIABLE DEPTH OVERBUILD AND RESURFACING DETAIL**

\* TYPE SP OVERBUILD THICKNESSES (PER FDOT SPECIFICATION 334)

STA. 316+53.67 TO STA. 347+00.00

STATION	*EXISTING PAVEMENT CROSS SLOPES	
	EASTBOUND LANES	
	INSIDE	OUTSIDE
317+00	0.014	0.013
318+00	0.012	0.012
319+00	0.013	0.013
320+00	0.011	0.012
321+00	0.013	0.014
322+00	0.013	0.015
323+00	0.014	0.015
324+00	0.013	0.013
325+00	0.012	0.012
326+00	0.012	0.011
327+00	0.013	0.011
328+00	0.014	0.012
329+00	0.015	0.013
330+00	0.015	0.013
331+00	0.014	0.014
332+00	0.013	0.016

STATION	*EXISTING PAVEMENT CROSS SLOPES	
	EASTBOUND LANES	
	INSIDE	OUTSIDE
333+00	0.012	0.015
334+00	0.013	0.014
335+00	0.013	0.013
336+00	0.014	0.012
337+00	0.016	0.015
338+00	0.015	0.015
339+00	0.012	0.014
340+00	0.013	0.013
341+00	0.014	0.013
342+00	0.016	0.014
343+00	0.013	0.014
344+00	0.013	0.012
345+00	0.014	0.013
346+00	0.016	0.015
347+00	0.016	0.016

EXHIBIT TYP-13A  
Date: 1/1/13

SHEET 2 OF 4

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				500	LEON	123456-1-52-01		

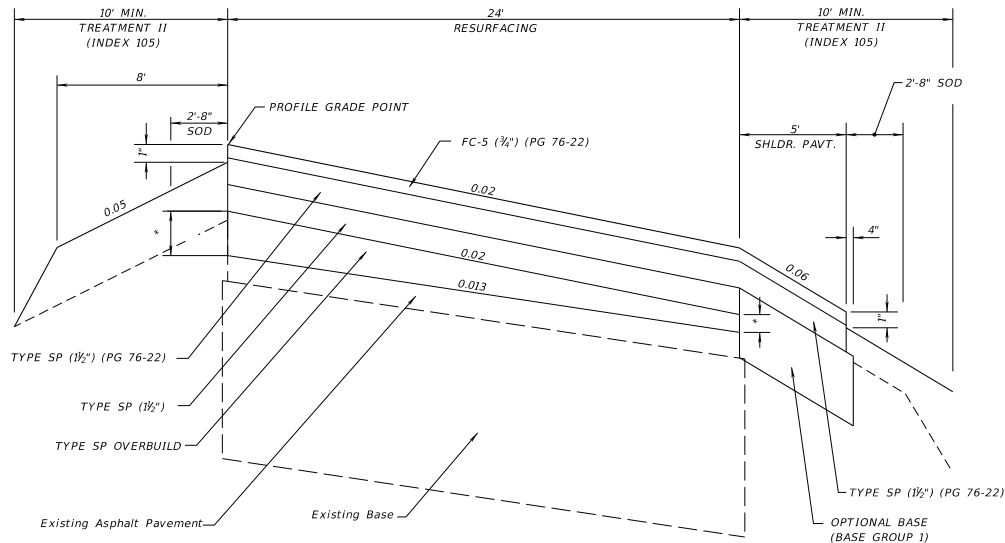
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**OVERBUILD AND RESURFACING DETAIL**

\* TYPE SP OVERBUILD THICKNESSES (PER FDOT SPECIFICATION 334)

EXAMPLE OF CROSS SLOPE CORRECTION BY CONSTANT DEPTH MILLING AND OVERBUILD.

WHEN CROSS SLOPE CORRECTION IS NECESSARY SPECIAL MILLING, OVERBUILD AND LAYERING DETAILS MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION. THE NEED FOR AND LOCATION OF PROFILE GRADES POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

FOR STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER.

SUGGESTED CONSTRUCTION SEQUENCES SHOWN. OTHER SEQUENCES THAT MEET SPECIFICATIONS, THICKNESS AND CROSS SLOPE REQUIREMENTS MAY BE CONSIDERED BY THE ENGINEER.

STA. 600+10.00 TO STA. 620+00.00

STATION	EXISTING PAVEMENT CROSS SLOPES	
	EASTBOUND LANES	
	INSIDE	OUTSIDE
600+00	0.015	0.015
601+00	0.014	0.014
602+00	0.013	0.013
603+00	0.013	0.012
604+00	0.013	0.013
605+00	0.013	0.015
606+00	0.012	0.015
607+00	0.012	0.015
608+00	0.013	0.014
609+00	0.012	0.013
610+00	0.013	0.011

STATION	EXISTING PAVEMENT CROSS SLOPES	
	EASTBOUND LANES	
	INSIDE	OUTSIDE
611+00	0.014	0.011
612+00	0.015	0.012
613+00	0.015	0.013
614+00	0.014	0.014
615+00	0.013	0.016
616+00	0.012	0.015
617+00	0.013	0.014
618+00	0.013	0.013
619+00	0.014	0.013
620+00	0.016	0.016

EXHIBIT TYP-13B  
Date: 1/1/12  
SHEET 3 OF 4

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				500	LEON	123456-1-52-01		

EXISTING PAVEMENT SUPERELEVATION				
STATION	WESTBOUND LANES		EASTBOUND LANES	
	INSIDE	OUTSIDE	INSIDE	OUTSIDE
400+10	0.018	0.020	0.015	0.018
P.C. STA 400+60	0.023	0.024	0.025	0.026
401+10	0.036	0.038	0.038	0.040
404+00	0.035	0.036	0.036	0.041
407+00	0.036	0.034	0.036	0.039
409+50	0.033	0.034	0.034	0.036
P.T. STA. 412+00	0.024	0.023	0.026	0.024
STA 412+50	0.021	0.020	0.018	0.021

EXISTING PAVEMENT SUPERELEVATION				
STATION	WESTBOUND LANES		EASTBOUND LANES	
	INSIDE	OUTSIDE	INSIDE	OUTSIDE
699+50	0.015	0.018	0.018	0.019
PC STA 700+00	0.018	0.021	0.022	0.023
700+50	0.031	0.032	0.033	0.038
704+00	0.032	0.034	0.032	0.031
707+00	0.033	0.036	0.029	0.033
709+50	0.030	0.031	0.030	0.033
PT STA 710+00	0.020	0.021	0.023	0.021
STA 710+50	0.017	0.018	0.020	0.019

THIS TABLE CAN BE USED TO TABULATE EXISTING PAVEMENT SUPERELEVATION IN THE PLANS FOR AREAS NEEDING SUPERELEVATION CORRECTION.

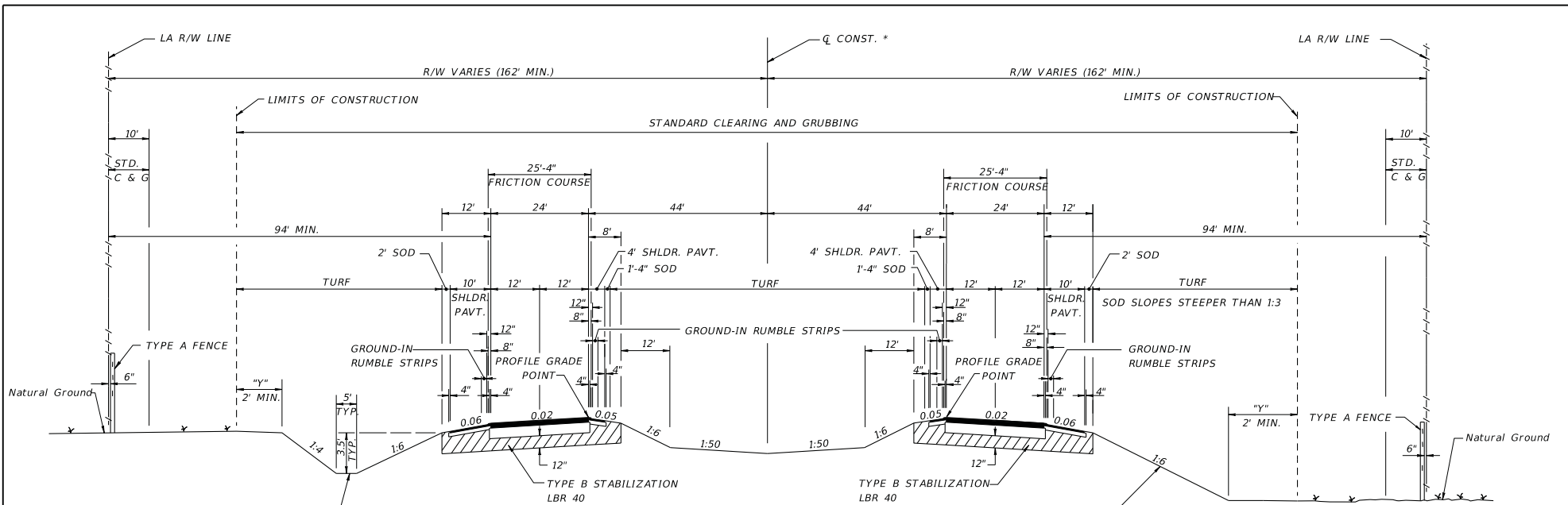
WHEN CROSS SLOPE CORRECTION IS NECESSARY SPECIAL MILLING AND LAYERING DETAILS MUST BE PROVIDED TO SUPPLEMENT TYPICAL SECTION. THE NEED FOR AND LOCATION OF PROFILE GRADE POINTS WILL DEPEND ON SITE SPECIFIC CONDITIONS.

FOR OTHER STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER.

EXHIBIT TYP-13C  
Date: 1/1/12

SHEET 4 OF 4

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				500	LEON	123456-1-52-01		



DEPTH AND WIDTH VARY  
SEE CROSS SECTIONS

**TRAFFIC DATA**

CURRENT YEAR = 1998 AADT = 22300  
 ESTIMATED OPENING YEAR = 2000 AADT = 23300  
 ESTIMATED DESIGN YEAR = 2020 AADT = 51500  
 K = 9 % D = 56 % T = 10 % (24 HOUR)  
 DESIGN HOUR T = 5 %  
 DESIGN SPEED = 70 MPH

TRAFFIC DATA IS REQUIRED TO BE NOTED FOR  
 CURRENT YEAR, OPENING YEAR, AND DESIGN YEAR.  
 POSTED SPEED (MPH) IS OPTIONAL.

FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER

**TYPICAL SECTION  
 SR 8  
 STA. 567+25.67 TO STA. 1056+84.35**

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2 1/2")  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22) AND  
 FRICTION COURSE FC-5 (3/4") (PG 76-22)

**MEDIAN SHOULDER PAVEMENT**

OPTIONAL BASE GROUP 1 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2")  
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22) AND  
 FRICTION COURSE FC-5 (3/4") (PG 76-22)

**OUTSIDE SHOULDER PAVEMENT**

OPTIONAL BASE GROUP 1 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 1/2") AND  
 FRICTION COURSE FC-5 (3/4") (PG 76-22)

1:6 FOR FILLS TO 5'  
 1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'  
 1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'  
 1:2 (WITH GUARDRAIL) FILLS OVER 20'

NOTE:  
 HEIGHT OF FILL IS THE VERTICAL DISTANCE  
 FROM THE EDGE OF THE OUTSIDE TRAVEL LANE  
 TO TOE OF FRONT SLOPE.

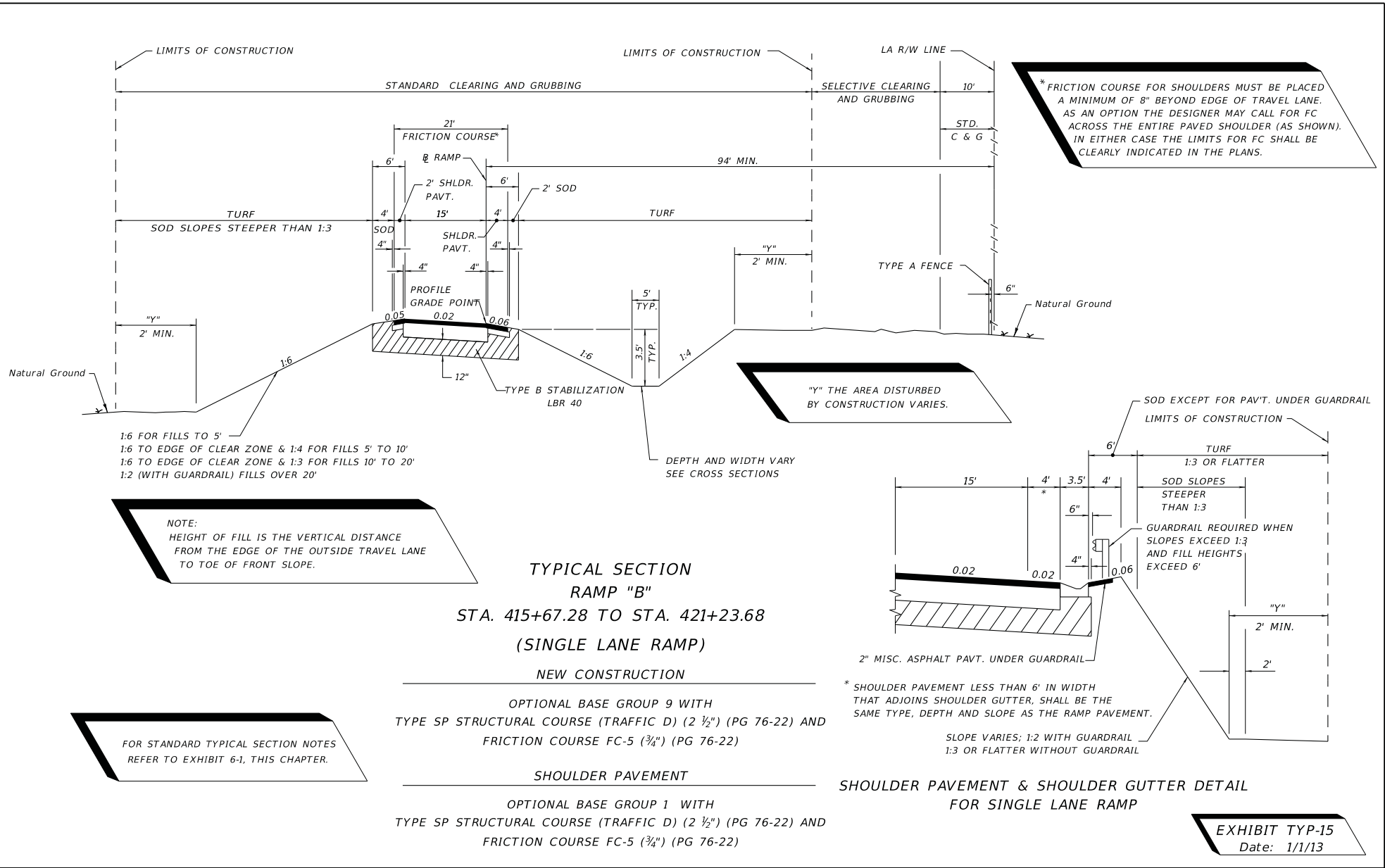
\*  $\bar{C}$  SURVEY AND/OR  
 $\bar{C}$  CONSTRUCTION, AS APPLICABLE.

4 LANE  
 INTERSTATE SYSTEM  
 NEW CONSTRUCTION  
 DIVIDED  
 RURAL  
 WITH PROJECTED  
 20 YR. AADT OF 1500  
 OR GREATER  
 DESIGN SPEED  
 70 MPH

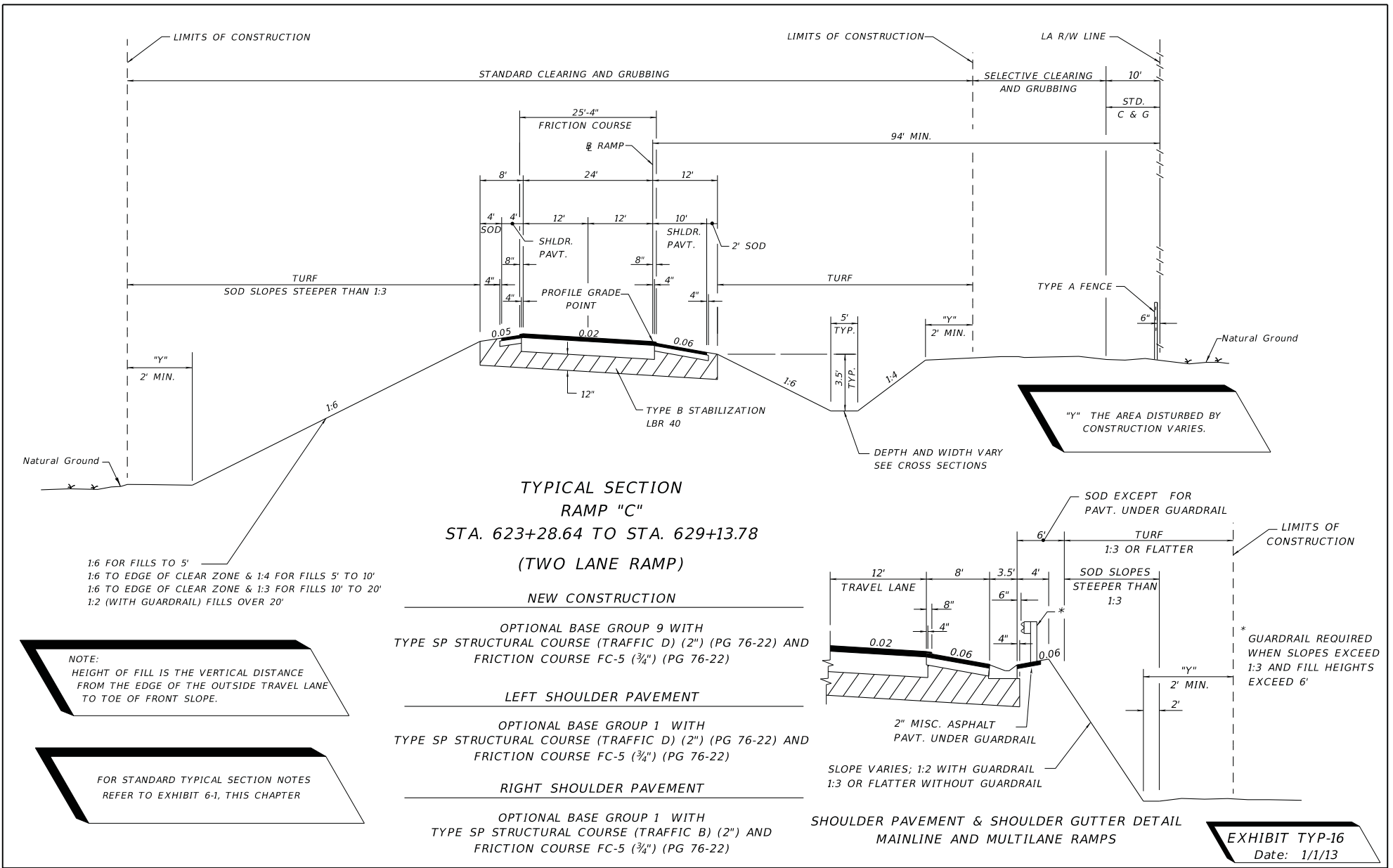
"Y" THE AREA DISTURBED BY  
 CONSTRUCTION VARIES.

**EXHIBIT TYP-14**  
 Date: 1/1/13

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-1-52-01		



REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			RAMP TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-1-52-01		



1:6 FOR FILLS TO 5'  
1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'  
1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'  
1:2 (WITH GUARDRAIL) FILLS OVER 20'

NOTE:  
HEIGHT OF FILL IS THE VERTICAL DISTANCE  
FROM THE EDGE OF THE OUTSIDE TRAVEL LANE  
TO TOE OF FRONT SLOPE.

FOR STANDARD TYPICAL SECTION NOTES  
REFER TO EXHIBIT 6-1, THIS CHAPTER

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			RAMP TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-1-52-01		

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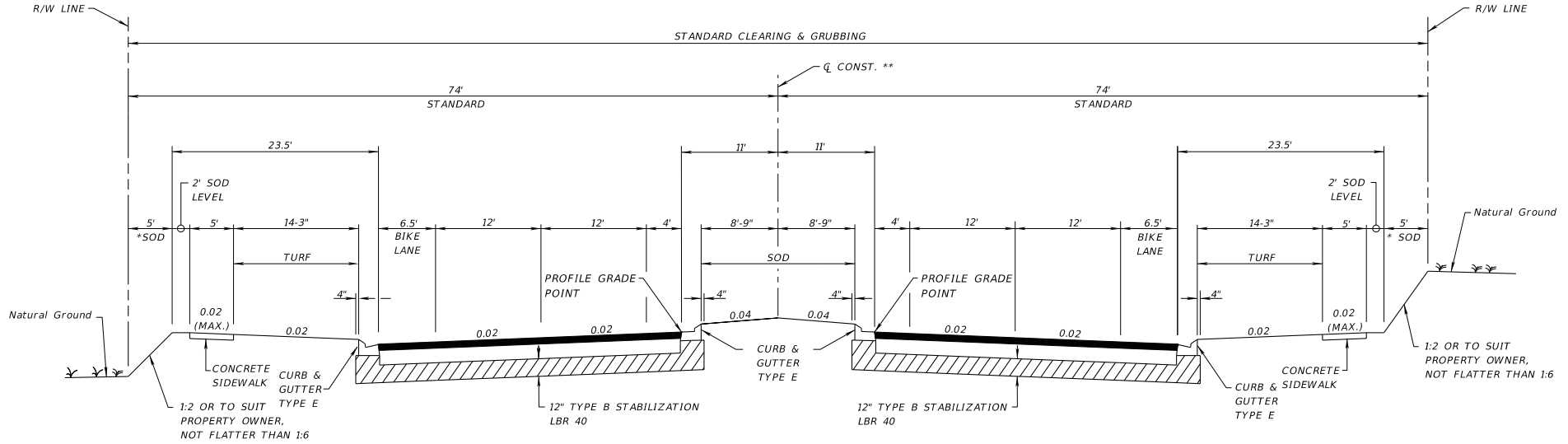


\*\*  $\bar{Q}$  SURVEY AND/OR  
 $\bar{Q}$  CONSTRUCTION, AS APPLICABLE.

IF LANDSCAPING IS DESIRED, TREES SHALL BE  
 TYPES THAT WILL NOT HAVE AN EXPECTED  
 GROWTH GREATER THAN 4" IN DIAMETER  
 MEASURED 6" ABOVE THE GROUND.

TURF SLOPES 1:3 OR FLATTER  
 \* SOD SLOPES STEEPER THAN 1:3

4-LANE  
 ARTERIAL  
 NEW CONSTRUCTION  
 DIVIDED  
 URBAN AND SUBURBAN  
 WITH BIKE LANES  
 DESIGN SPEED 55 MPH OR LESS



**TRAFFIC DATA**

CURRENT YEAR = 1999 AADT = 22800  
 ESTIMATED OPENING YEAR = 2002 AADT = 25800  
 ESTIMATED DESIGN YEAR = 2022 AADT = 30600  
 K = 6% D = 55% T = 2% (24 HOUR)  
 DESIGN HOUR T = 1%  
 DESIGN SPEED = 55 MPH

TRAFFIC DATA IS REQUIRED TO BE  
 NOTED FOR CURRENT YEAR, OPENING  
 YEAR AND DESIGN YEAR.  
 POSTED SPEED (MPH) IS OPTIONAL.

FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER.

**TYPICAL SECTION  
 SR 00 (SARA AVE.)  
 STA. 50+40.00 TO STA. 125+50.00**

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3 1/2")  
 AND FRICTION COURSE FC-5 (3/4") (RUBBER)

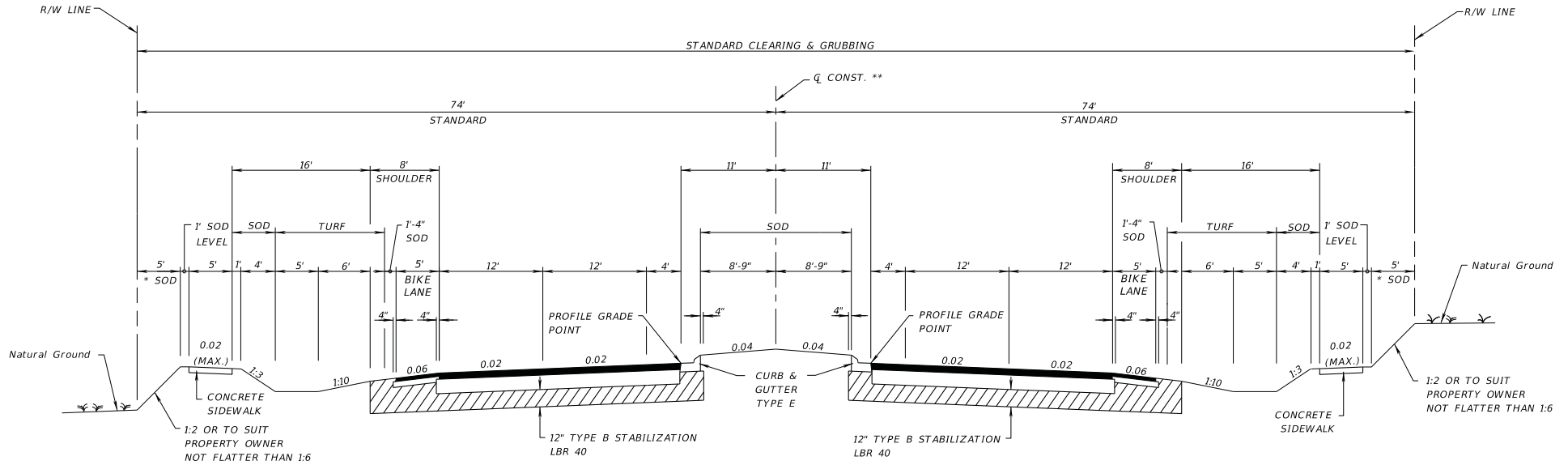
**EXHIBIT TYP-17  
 Date: 1/1/13**

REVISIONS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
10	LEON	123456-1-52-01

\*\*  $\square$  SURVEY AND/OR  
 $\square$  CONSTRUCTION, AS APPLICABLE.

4-LANE  
 ARTERIAL  
 NEW CONSTRUCTION  
 DIVIDED  
 URBAN AND SUBURBAN  
 WITH BIKE LANES  
 DESIGN SPEED 55 MPH OR LESS



**TRAFFIC DATA**

CURRENT YEAR = 1999 AADT = 22800  
 ESTIMATED OPENING YEAR = 2002 AADT = 25800  
 ESTIMATED DESIGN YEAR = 2022 AADT = 30600  
 K = 6% D = 55% T = 2% (24 HOUR)  
 DESIGN HOUR T = 1%  
 DESIGN SPEED = 55 MPH

TRAFFIC DATA IS REQUIRED TO BE  
 NOTED FOR CURRENT YEAR, OPENING  
 YEAR AND DESIGN YEAR.  
 POSTED SPEED (MPH) IS OPTIONAL.

FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER.

**TYPICAL SECTION  
 SR 00 (CODY ROAD)  
 STA. 100+40.00 TO STA. 225+50.00**

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3 1/2")  
 AND FRICTION COURSE FC-5 (3/4") (RUBBER)

**SHOULDER PAVEMENT**

OPTIONAL BASE GROUP 1 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")  
 AND FRICTION COURSE FC-5 (3/4") (RUBBER)

TURF SLOPES 1:3 OR FLATTER  
 \* SOD SLOPES STEEPER THAN 1:3

IF LANDSCAPING IS DESIRED, TREES SHALL BE  
 TYPES THAT WILL NOT HAVE AN EXPECTED  
 GROWTH GREATER THAN 4" IN DIAMETER  
 MEASURED 6" ABOVE THE GROUND.

**EXHIBIT TYP-18**  
 Date: 1/1/13

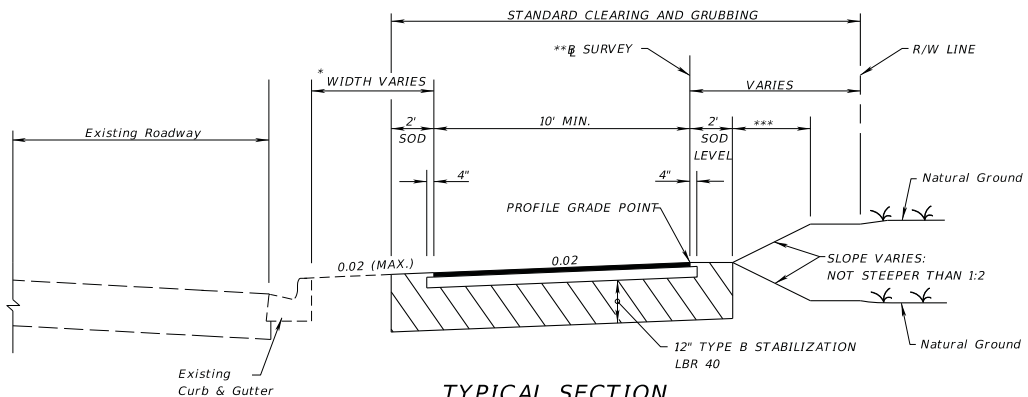
REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				10	LEON	123456-1-52-01		

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**TYPICAL SECTION  
SHARED USE PATH  
SR 00 (WILLOW WAY)  
STA. 122+00.000 TO STA. 210+65.000  
PATH**

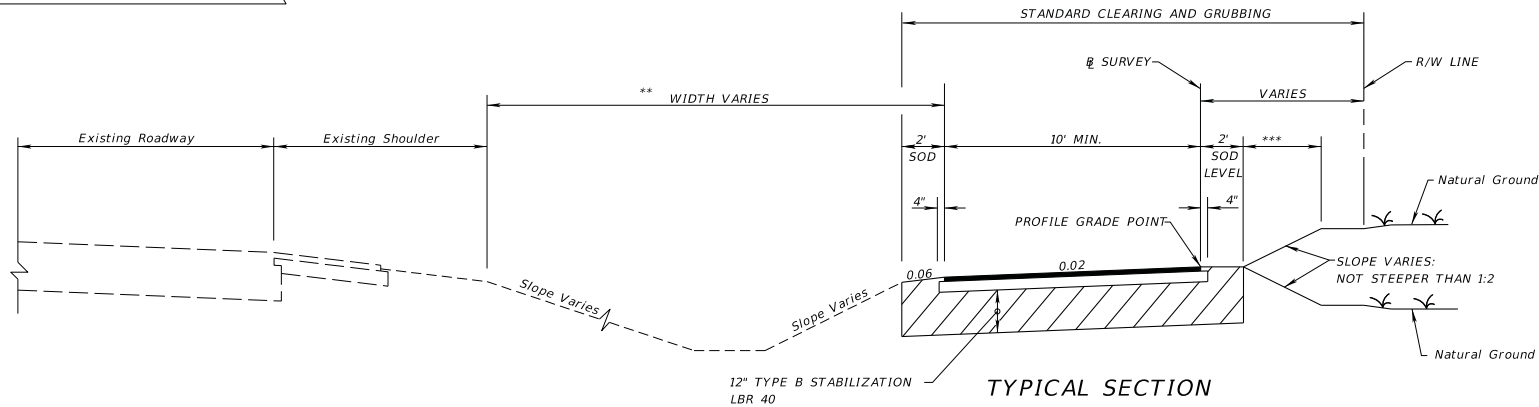
OPTIONAL BASE GROUP 1 WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC A) (1")

\* FOR ROADWAYS WITH CURBS, A MINIMUM SEPARATION OF 4 FEET MEASURED FROM THE BACK OF CURB SHOULD BE PROVIDED.

\*\*\* TURF OR SOD

NOTE:  
THE DESIGN SPEED FOR SHARED USE PATHS IS 20 MPH.

\*\* Q SURVEY AND/OR  
Q CONSTRUCTION, AS APPLICABLE.



**TYPICAL SECTION  
SHARED USE PATH  
SR 00 (DEXTON HEIGHTS)  
STA. 22+00.000 TO STA. 51+65.000  
PATH**

OPTIONAL BASE GROUP 1 WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC A) (1")

\*\* FOR ROADWAYS WITH FLUSH SHOULDERS, A MINIMUM SEPARATION OF 5 FEET MEASURED FROM THE OUTSIDE EDGE OF SHOULDER TO THE INSIDE EDGE OF THE SHARED USE PATH SHOULD BE PROVIDED.

**EXHIBIT TYP-19**  
Date: 1/1/13

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
10	LEON	123456-1-52-01

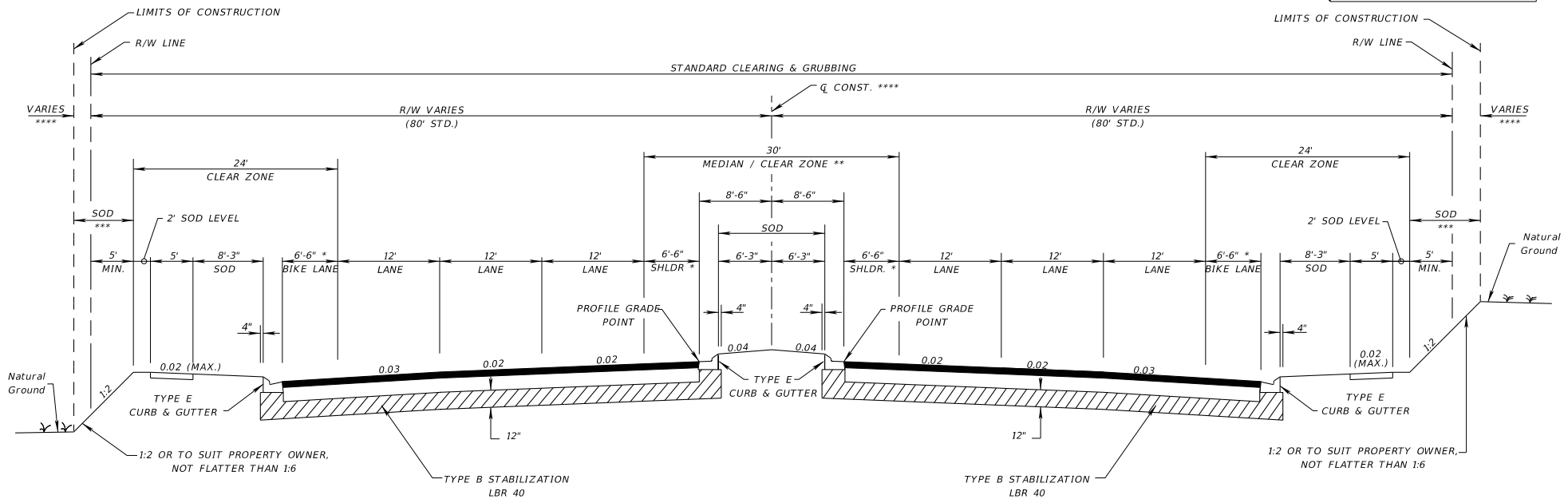
**SHARED USE PATH**

SHEET NO.

\*\*\* @ SURVEY AND/OR  
 @ CONSTRUCTION, AS APPLICABLE.

\*\*\*\* IF LIMITS OF CONSTRUCTION  
 EXCEED RIGHT OF WAY, A  
 PROPERTY AGREEMENT IS REQUIRED.

6-LANE  
 ARTERIAL  
 NEW CONSTRUCTION  
 DIVIDED  
 URBAN AND SUBURBAN  
 WITH BIKE LANES  
 DESIGN SPEED 50 MPH OR LESS



**TYPICAL SECTION**  
**SR 00 (SOUTH INDEPENDENCE STREET)**  
**STA. 401+30.00 TO STA. 788+66.00**

**TRAFFIC DATA**  
 CURRENT YEAR = 1998 AADT = 22800  
 ESTIMATED OPENING YEAR = 2000 AADT = 25800  
 ESTIMATED DESIGN YEAR = 2020 AADT = 30600  
 K = 6% D = 55% T = 2% (24 HOUR)  
 DESIGN HOUR T = 1%  
 DESIGN SPEED = 50 MPH

TRAFFIC DATA IS REQUIRED TO BE  
 NOTED FOR CURRENT YEAR, OPENING  
 YEAR AND DESIGN YEAR.

FOR STANDARD TYPICAL SECTION NOTES  
 REFER TO EXHIBIT 6-1, THIS CHAPTER.

**NEW CONSTRUCTION**  
 OPTIONAL BASE GROUP 9 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3/4")  
 AND FRICTION COURSE FC-5 (3/4") (RUBBER)

\* PROVIDES FOR 8' OF USABLE SHOULDER

\*\* THE 30' MEDIAN AREA PROVIDES SUFFICIENT WIDTH FOR:  
 - 24' CLEAR ZONE  
 - DUAL LEFT TURN LANES (11' lanes, 4' separator in median shoulder)  
 - DIRECTIONAL MEDIAN OPENING (4' separators in median shoulder)

\*\*\* TURF OR SOD

**EXHIBIT TYP-20**  
 Date: 1/1/13

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				10	LEON	123456-7-15-20	

**TYPICAL SECTION**

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