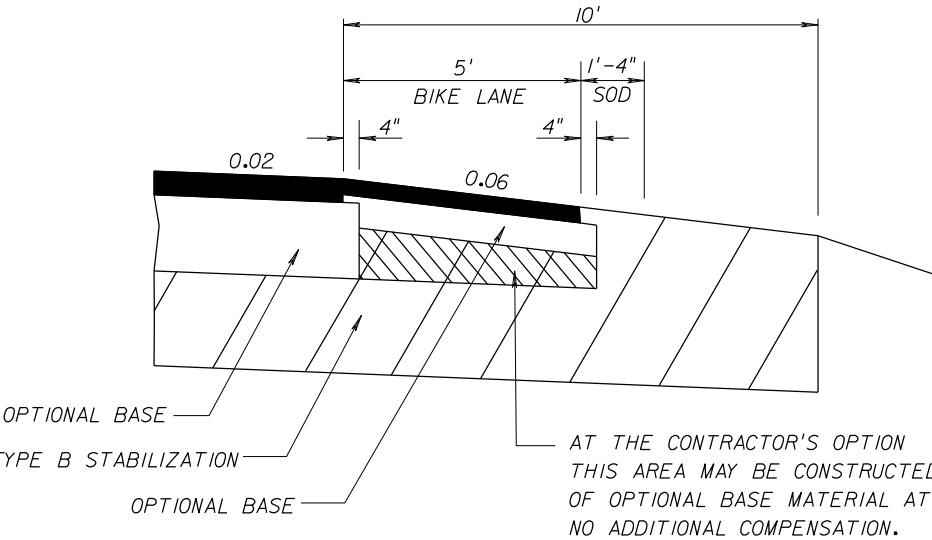


2-LANE (2-WAY)  
 ARTERIAL/COLLECTOR  
 NEW CONSTRUCTION  
 RURAL  
 WITH DESIGNATED OR  
 UNDESIGNATED BIKE LANE  
 DESIGN SPEED 55 MPH  
 OR GREATER  
 WITH PROJECTED  
 20 YR. AADT OF 1500  
 OR GREATER

DESIGNATED BIKE LANES SHALL BE LABELED  
 ON TYPICAL. UNDESIGNATED BIKE LANES  
 SHOULD NOT BE LABELED ON TYPICAL.

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: 1/1/06

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 (1 1/2") (RUBBER)  
 SHOULDER PAVEMENT  
 OPTIONAL BASE GROUP 1 WITH  
 FRICTION COURSE FC-12.5 (1 1/2") (RUBBER)

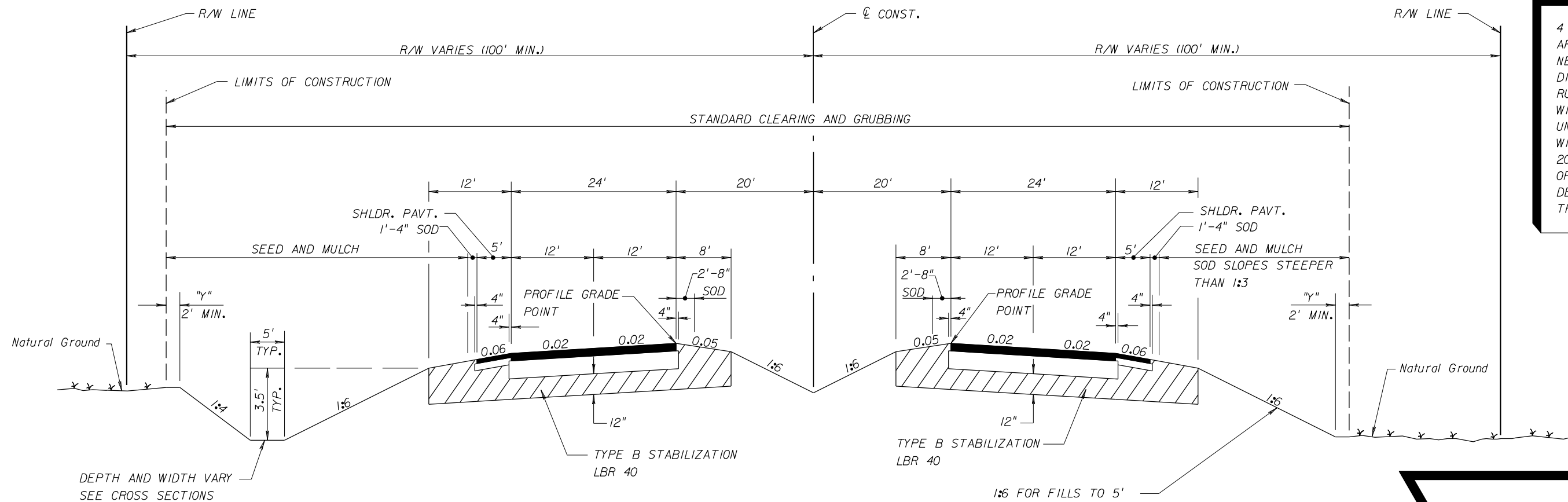
TRAFFIC DATA

CURRENT YEAR = 1998 AADT = 6800  
 ESTIMATED OPENING YEAR = 2000 AADT = 7600  
 ESTIMATED DESIGN YEAR = 2020 AADT = 15000  
 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.

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

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		



4 LANE  
 ARTERIAL/COLLECTOR  
 NEW CONSTRUCTION  
 DIVIDED  
 RURAL  
 WITH DESIGNATED OR  
 UNDESIGNATED BIKE LANE  
 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)  
 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)

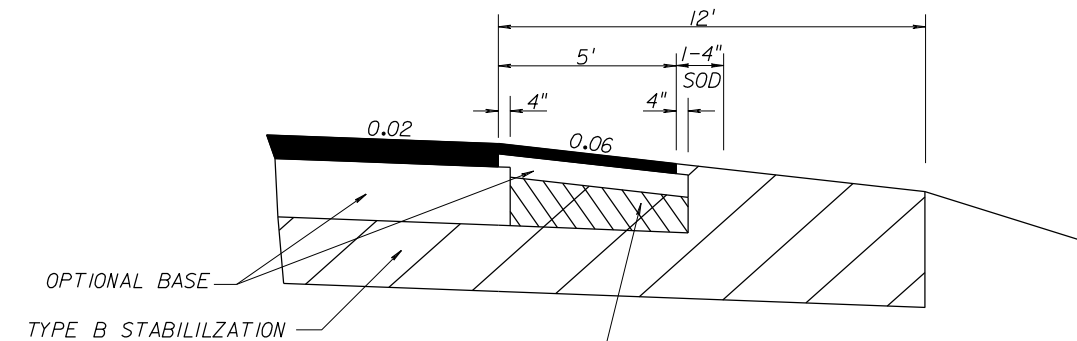
1:6 FOR FILLS TO 5'  
 1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'  
 1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'  
 1:2 (WITH GUARDRAIL) FILLS OVER 20'

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

DESIGNATED BIKE LANES SHALL BE LABELED  
 ON TYPICAL. UNDESIGNATED BIKE LANES  
 SHOULD NOT BE LABELED ON TYPICAL.

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: 1/1/06

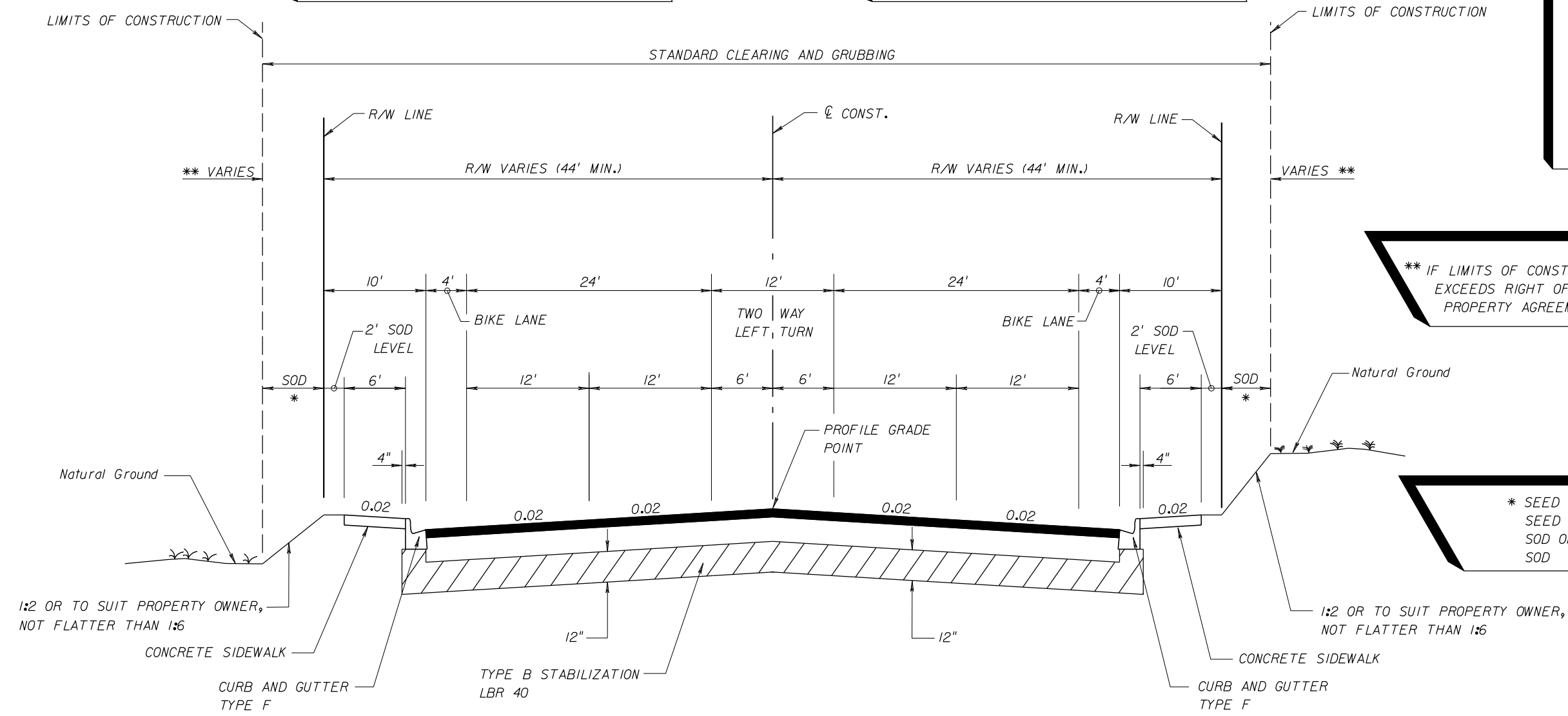
REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	

**TYPICAL SECTION**

DESIGNATED BIKE LANES SHALL BE LABELED ON TYPICAL. UNDESIGNATED BIKE LANES SHOULD NOT BE LABELED ON TYPICAL.

5-LANE SECTIONS ARE TO INCLUDE SECTIONS OF RAISED OR RESTRICTIVE MEDIAN. SEE PPM TABLE 2.2.J.

5-LANE ARTERIAL/COLLECTOR NEW CONSTRUCTION UNDIVIDED URBAN WITH DESIGNATED OR UNDESIGNATED BIKE LANE 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.

\* SEED SEED AND MULCH SOD OR SEED SOD

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 (1 1/2") (RUBBER)

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.

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

EXHIBIT TYP-3  
Date: 1/1/06

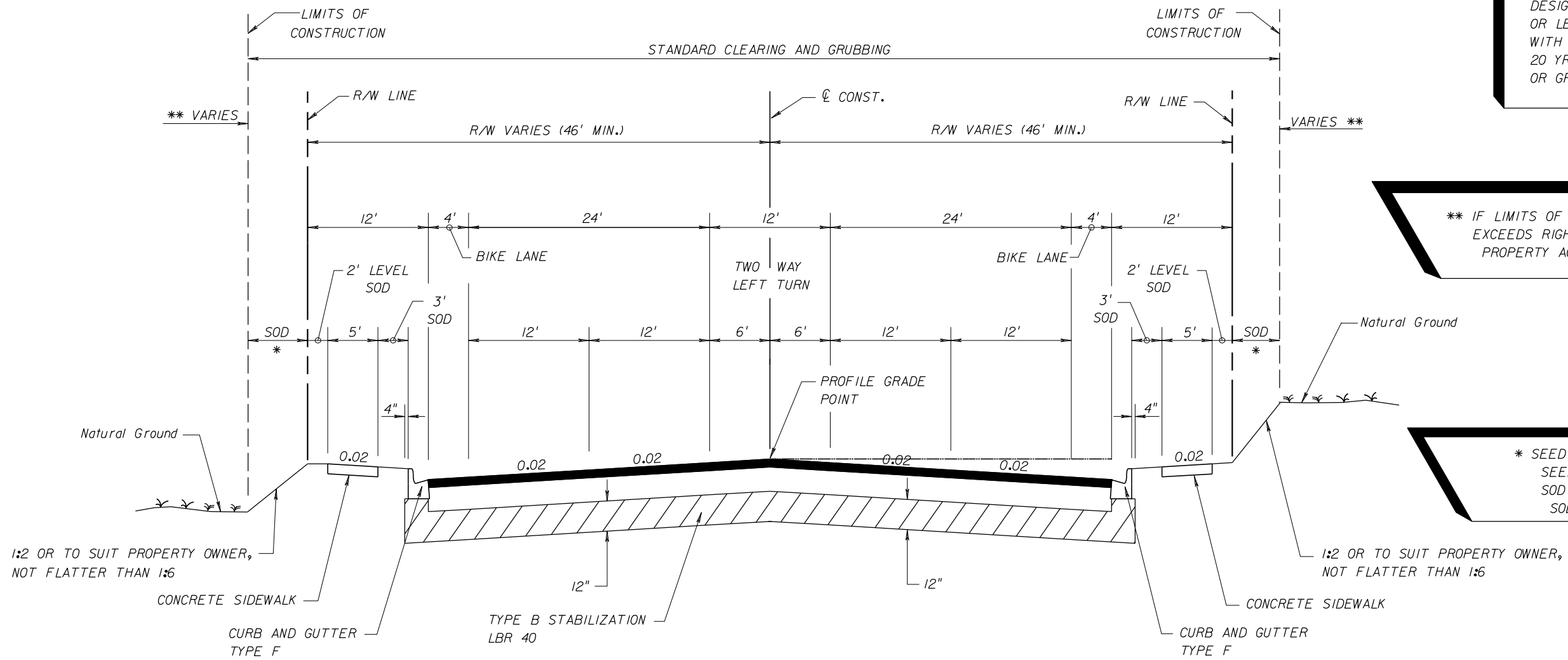
REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	

TYPICAL SECTION

DESIGNATED BIKE LANES SHALL BE LABELED ON TYPICAL. UNDESIGNATED BIKE LANES SHOULD NOT BE LABELED ON TYPICAL.

5-LANE SECTIONS ARE TO INCLUDE SECTIONS OF RAISED OR RESTRICTIVE MEDIAN. SEE PPM TABLE 2.2.J.

5-LANE  
ARTERIAL/COLLECTOR  
NEW CONSTRUCTION  
UNDIVIDED  
URBAN  
WITH DESIGNATED OR  
UNDESIGNATED BIKE LANE  
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.

\* SEED  
SEED AND MULCH  
SOD OR SEED  
SOD

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

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 (1 1/2") (RUBBER)

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. POSTED SPEED (MPH) IS OPTIONAL.

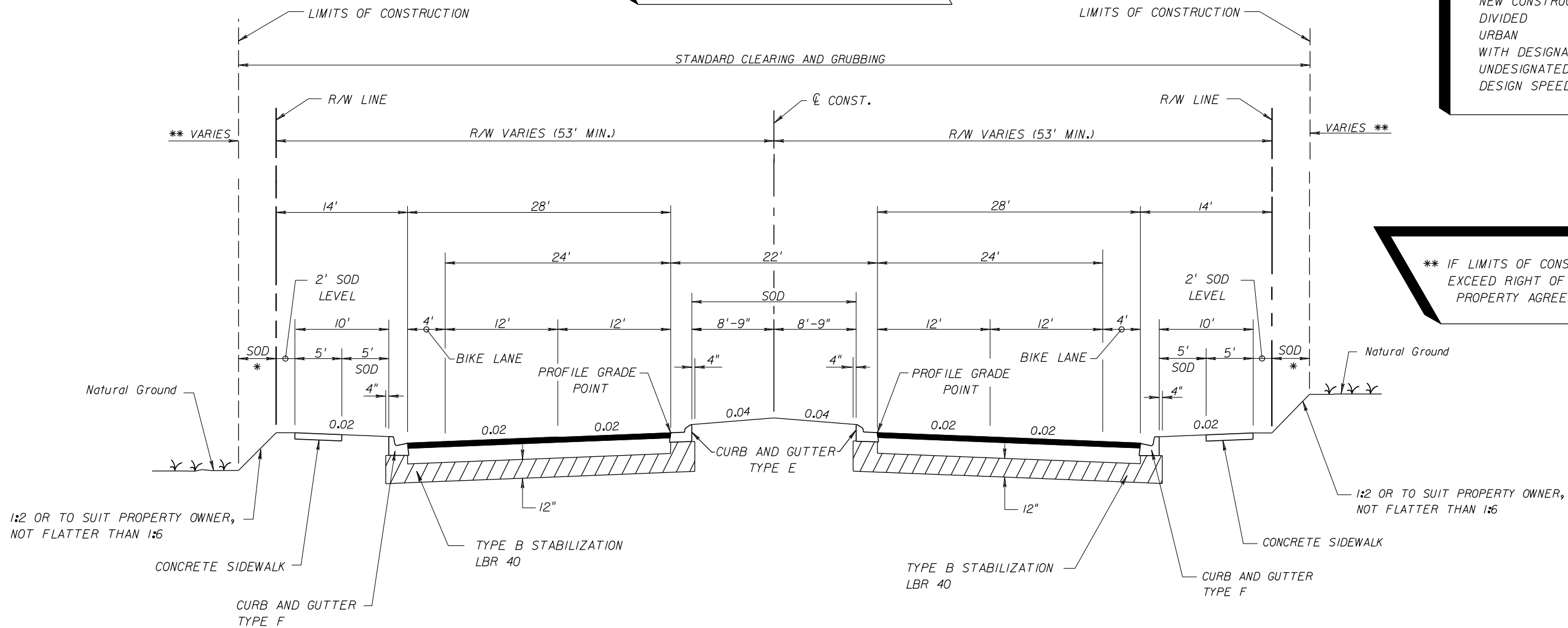
EXHIBIT TYP-4  
Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	

TYPICAL SECTION

DESIGNATED BIKE LANES SHALL BE LABELED ON TYPICAL. UNDESIGNATED BIKE LANES SHOULD NOT BE LABELED ON TYPICAL.

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



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

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 (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

\* SEED  
SEED AND MULCH  
SOD OR SEED  
SOD

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.  
POSTED SPEED (MPH) IS OPTIONAL.

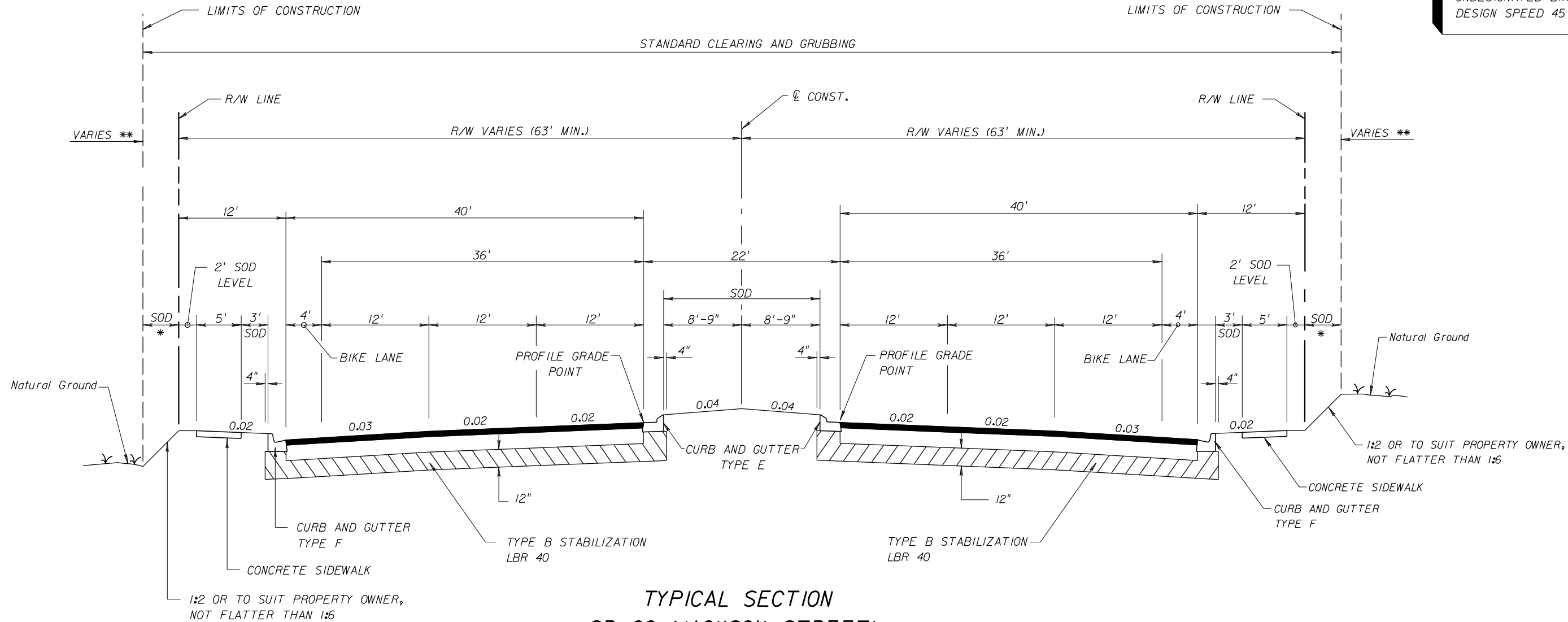
EXHIBIT TYP-5  
Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
									TYPICAL SECTION

DESIGNATED BIKE LANES SHALL BE LABELED ON TYPICAL. UNDESIGNATED BIKE LANES SHOULD NOT BE LABELED ON TYPICAL.

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

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



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

NEW CONSTRUCTION

OPTIONAL BASE GROUP 9 WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")  
AND FRICTION COURSE FC-12.5 (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.

\* SEED,  
SEED AND MULCH,  
SOD OR SEED  
SOD

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

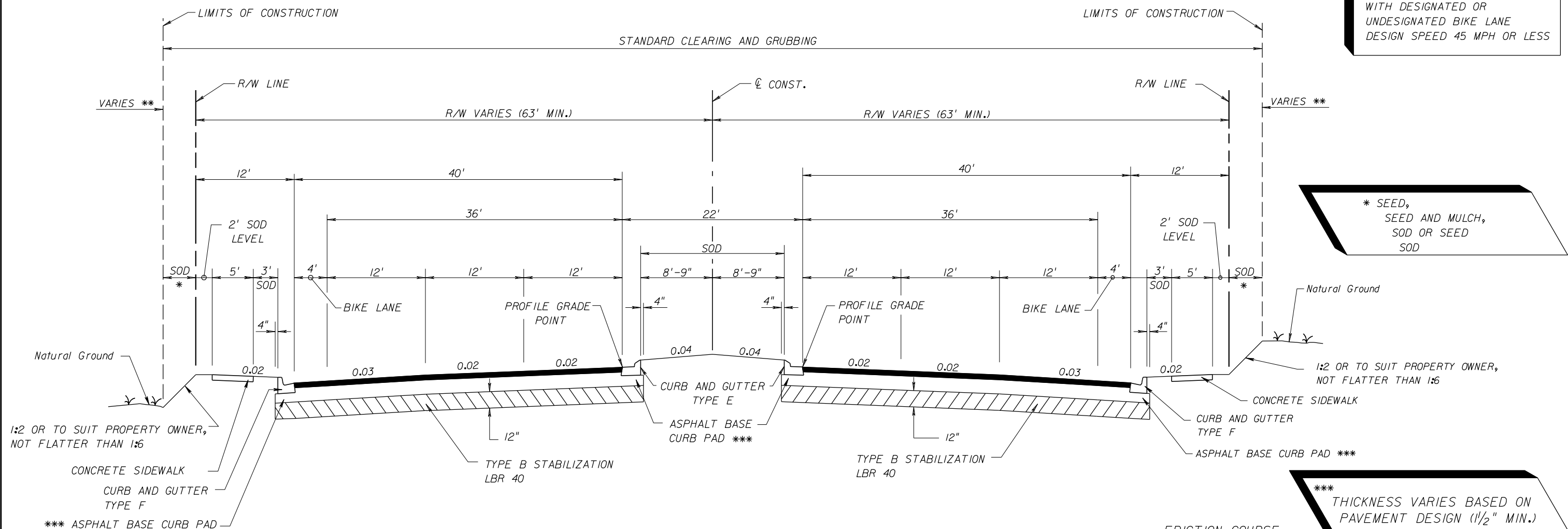
EXHIBIT TYP-6  
Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
									<b>TYPICAL SECTION</b>

DESIGNATED BIKE LANES SHALL BE LABELED ON TYPICAL. UNDESIGNATED BIKE LANES SHOULD NOT BE LABELED ON TYPICAL.

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

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



\* SEED,  
SEED AND MULCH,  
SOD OR SEED  
SOD

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

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

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

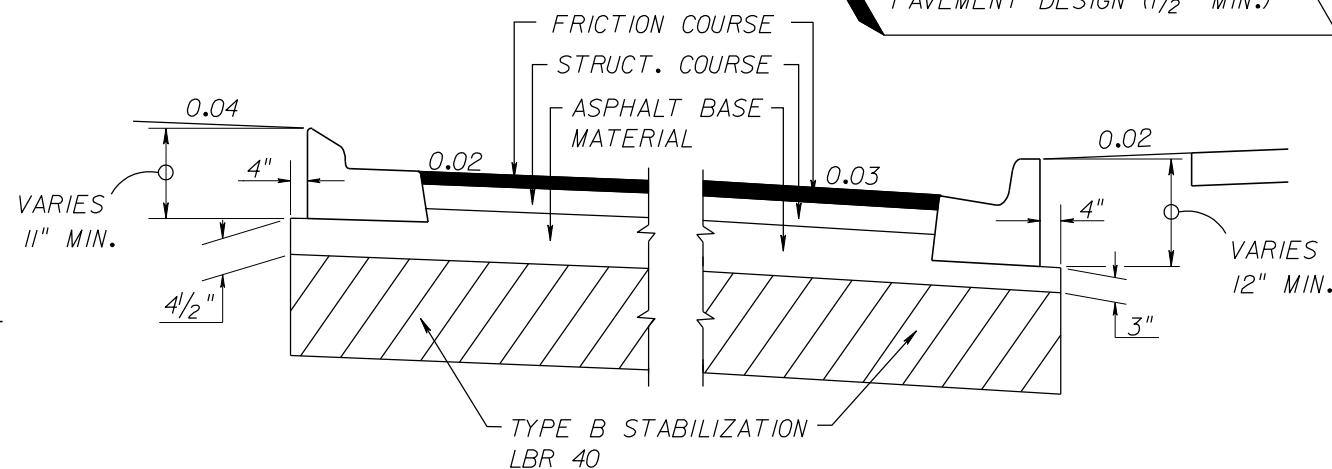
TRAFFIC DATA

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 (6") ONLY, WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")  
AND FRICTION COURSE FC-12.5 (1 1/2") (RUBBER)



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.

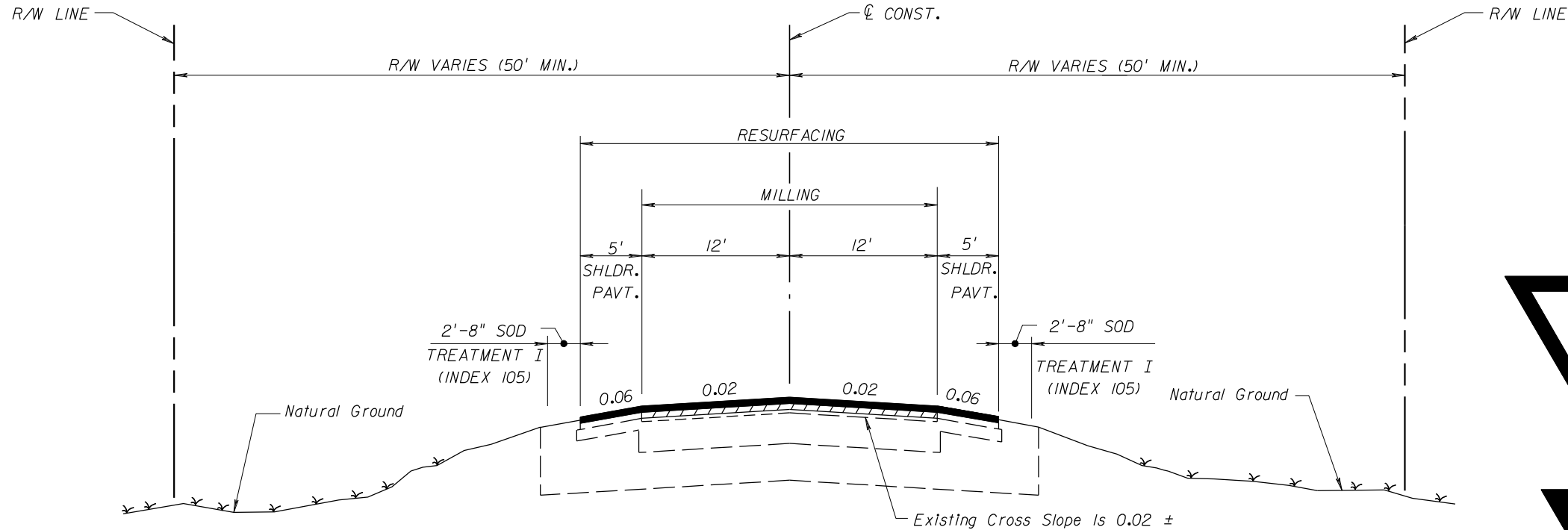
EXHIBIT TYP-6A  
Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	

TYPICAL SECTION

DESIGNATED BIKE LANES SHALL BE LABELED ON TYPICAL, UNDESIGNATED BIKE LANES SHOULD NOT BE LABELED ON TYPICAL.

EXISTING  
2-LANE (2-WAY)  
ARTERIAL/COLLECTOR  
MILLING AND RESURFACING  
NO CROSS SLOPE  
CORRECTION REQUIRED  
UNDIVIDED  
RURAL  
(WITH DESIGNATED OR  
UNDESIGNATED BIKE LANE  
EXISTING)  
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.

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

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

TYPICAL SECTION  
SR 00

STA. 10+53.00 TO STA. 130+77.00  
STA. 206+82.28 TO STA. 368+41.21

STA. 206+82.28 TO 368+41.21

CURRENT YEAR = 1998 AADT = 6835  
ESTIMATED OPENING YEAR = 2000 AADT = 8600  
ESTIMATED DESIGN YEAR = 2010 AADT = 15100  
K = 10% D = 65% T = 7% (24 HOUR)  
DESIGN HOUR T = 3%  
DESIGN SPEED = 55 MPH

MILLING

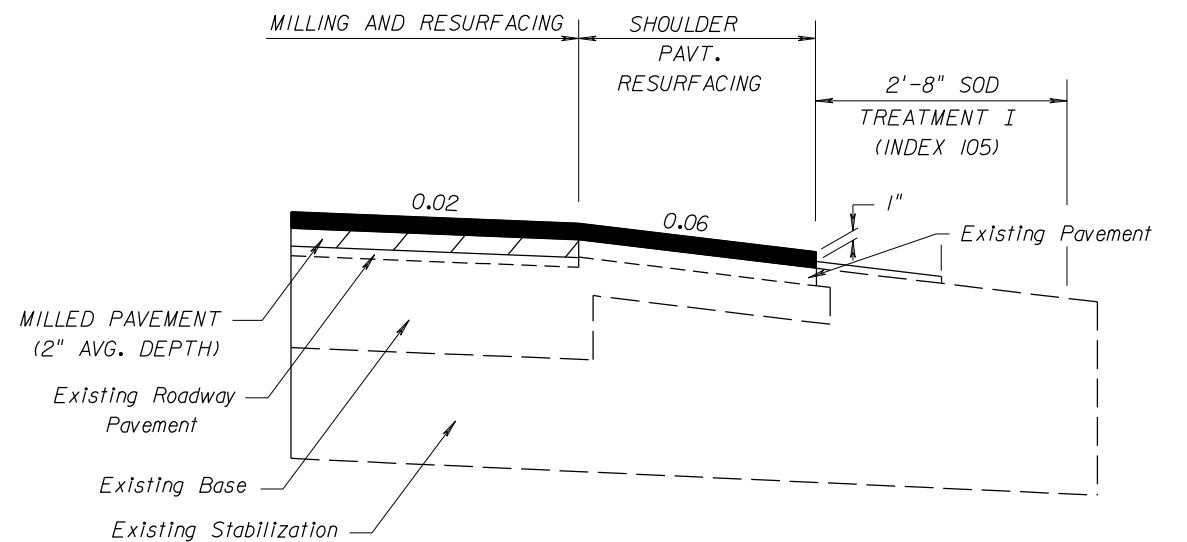
MILL EXISTING ASPHALT PAVEMENT (2" AVG. DEPTH)

RESURFACING

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

SHOULDER PAVEMENT RESURFACING

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



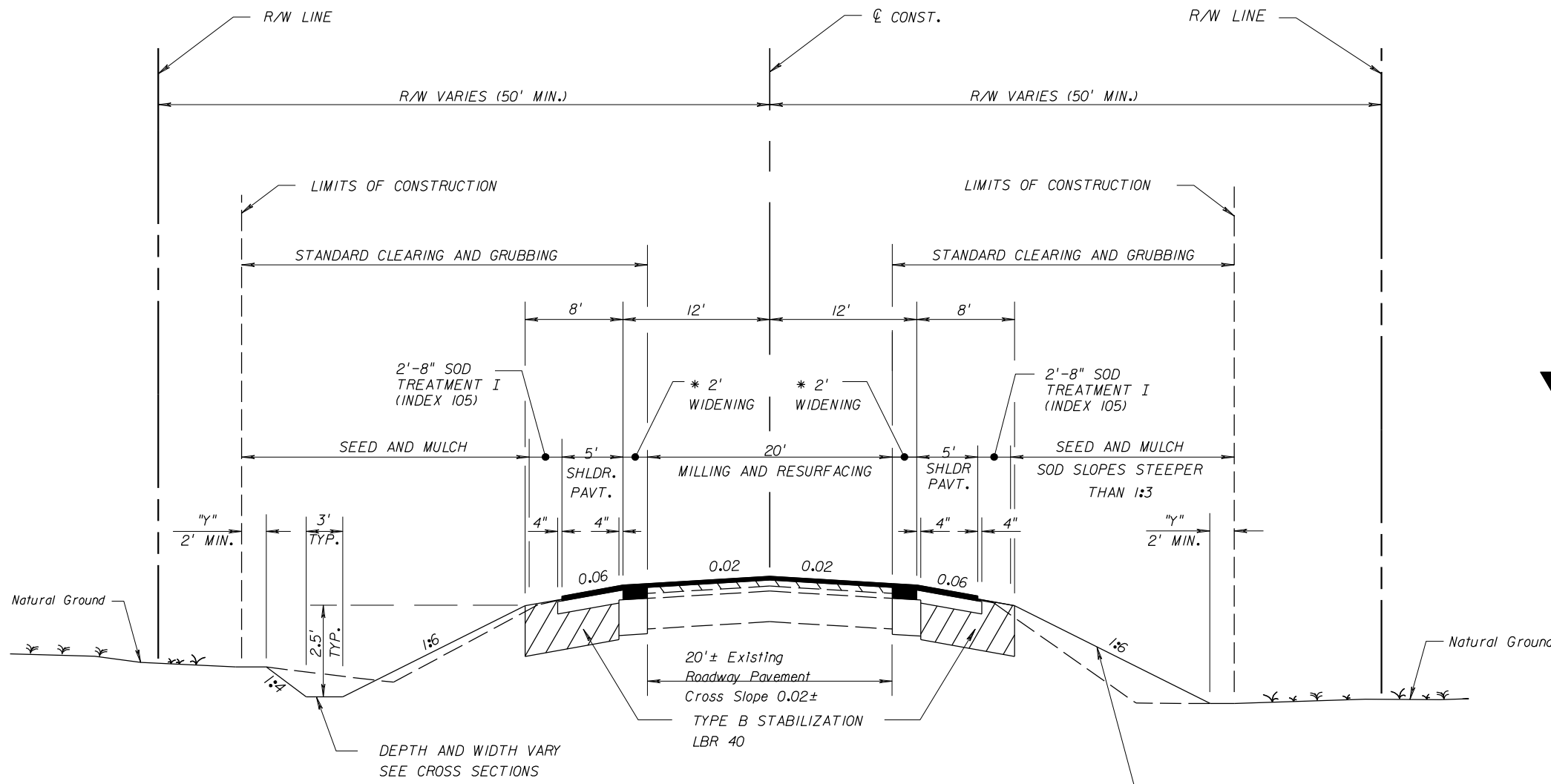
SHOULDER PAVEMENT DETAIL

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

EXHIBIT TYP-7  
Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
									TYPICAL SECTION





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

DESIGNATED BIKE LANES SHALL BE LABELED ON TYPICAL. UNDESIGNATED BIKE LANES SHOULD NOT BE LABELED ON TYPICAL.

"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-8  
Date: 1/1/06

SHEET 1 OF 2

**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 (2" AVG. DEPTH)
- RESURFACING  
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")  
AND FRICTION COURSE FC-12.5 (1 1/2") (RUBBER)
- WIDENING  
OPTIONAL BASE GROUP II WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")  
AND FRICTION COURSE FC-12.5 (1 1/2") (RUBBER)

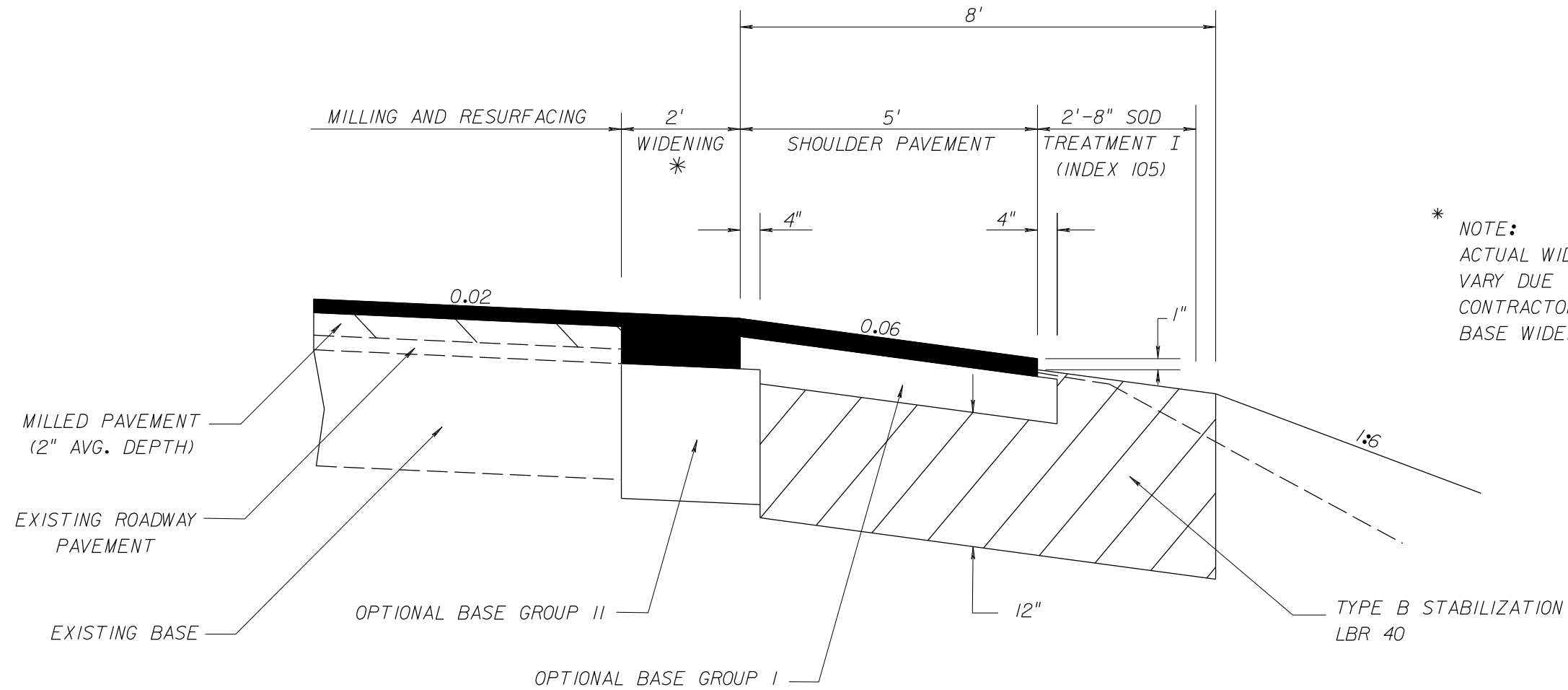
1:6 FOR FILLS TO 5'  
1:6 TO EDGE OF CLEAR ZONE & 1:4 FOR FILLS 5' TO 10'  
1:6 TO EDGE OF CLEAR ZONE & 1:3 FOR FILLS 10' TO 20'  
1:2 (WITH GUARDRAIL) FILLS OVER 20'

DEPTH AND WIDTH VARY  
SEE CROSS SECTIONS

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
									TYPICAL SECTION

DESIGNATED BIKE LANES SHALL BE LABELED ON TYPICAL. UNDESIGNATED BIKE LANES SHOULD NOT BE LABELED ON TYPICAL.

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 (1 1/2") (RUBBER)

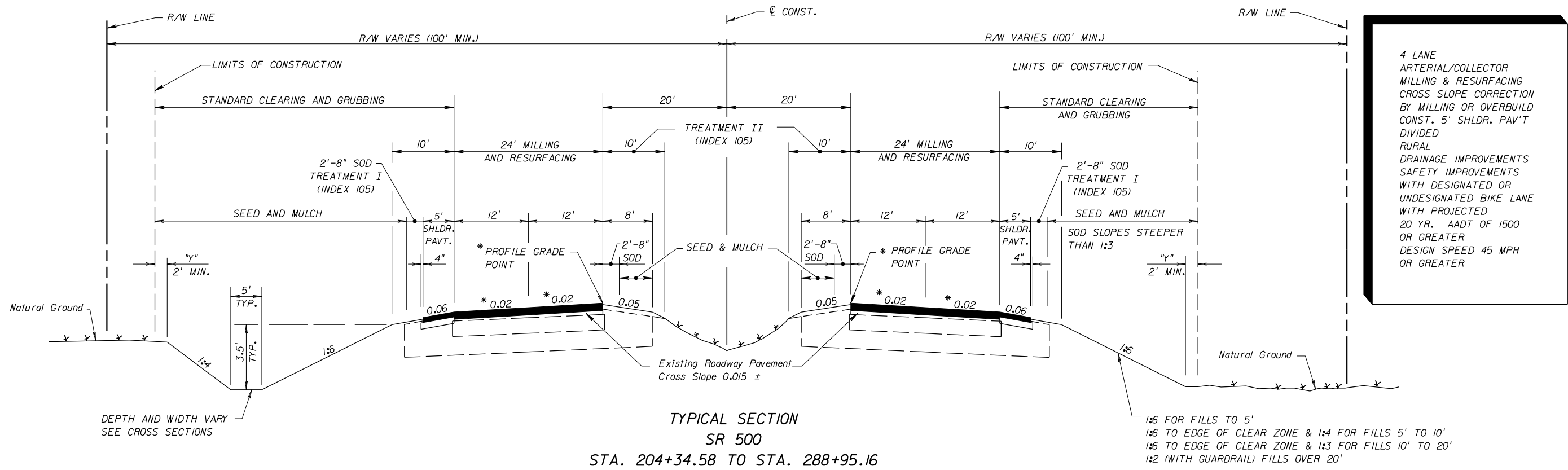
SHOULDER PAVEMENT

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

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

EXHIBIT TYP-8A  
Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		



TYPICAL SECTION  
SR 500  
STA. 204+34.58 TO STA. 288+95.16

DESIGNATED BIKE LANES SHALL BE LABELED ON TYPICAL. UNDESIGNATED BIKE LANES SHOULD NOT BE LABELED ON TYPICAL.

**TRAFFIC DATA**  
CURRENT YEAR = 1998 AADT = 18100  
ESTIMATED OPENING YEAR = 2000 AADT = 21000  
ESTIMATED DESIGN YEAR = 2012 AADT = 30900  
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.

\* 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.

**MILLING**  
MILL EXISTING ASPHALT PAVEMENT (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)

STA. 316+53.67 TO STA. 527+82.00  
**MILLING**  
MILL EXISTING ASPHALT PAVEMENT (1 1/2" AVG. DEPTH)

**OVERBUILD**  
TYPE SP OVERBUILD (TRAFFIC D) (1 1/4" AVG.)  
**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)

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

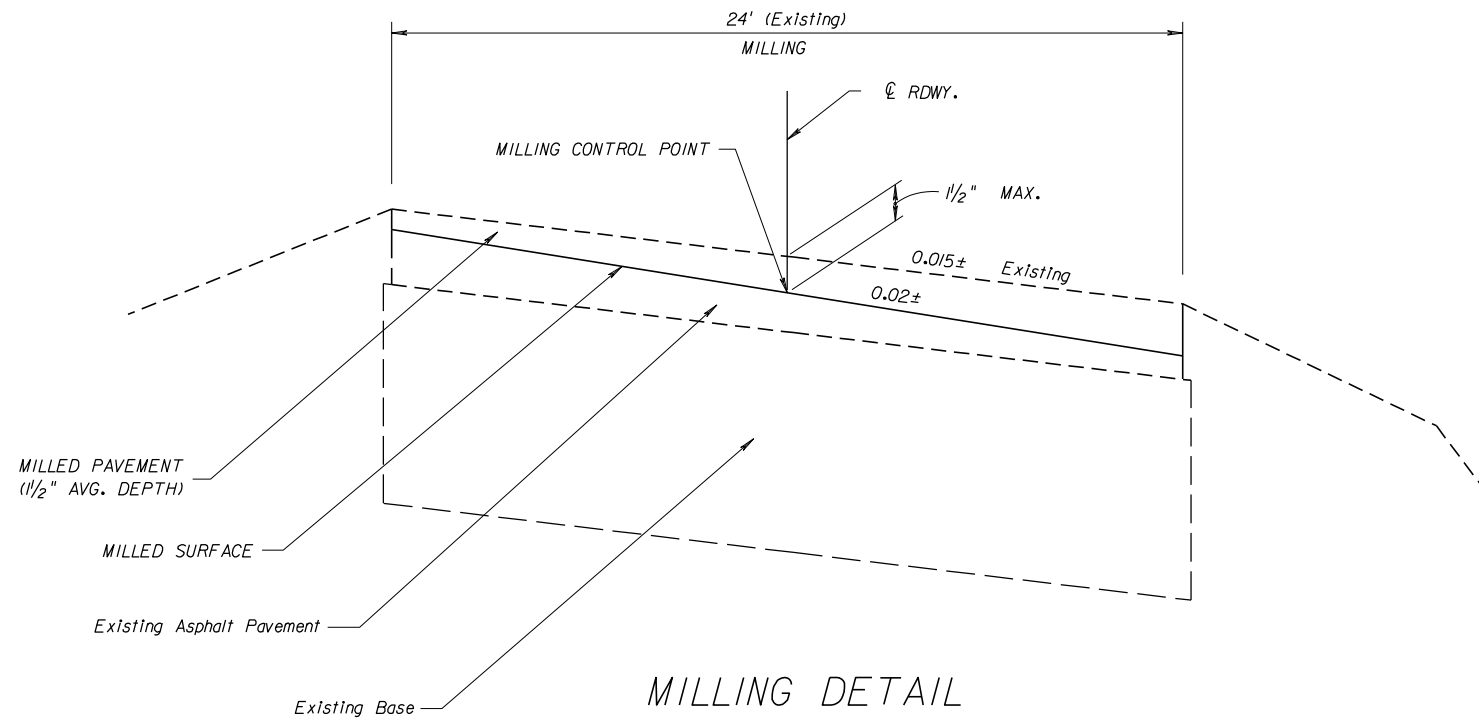
"Y" THE AREA DISTURBED BY CONSTRUCTION VARIES.

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

FOR MILLING AND RESURFACING DETAILS SEE TYPICAL SECTION DETAILS SHEET 2 AND 3

EXHIBIT TYP-9  
Date: 1/1/06  
SHEET 1 OF 3

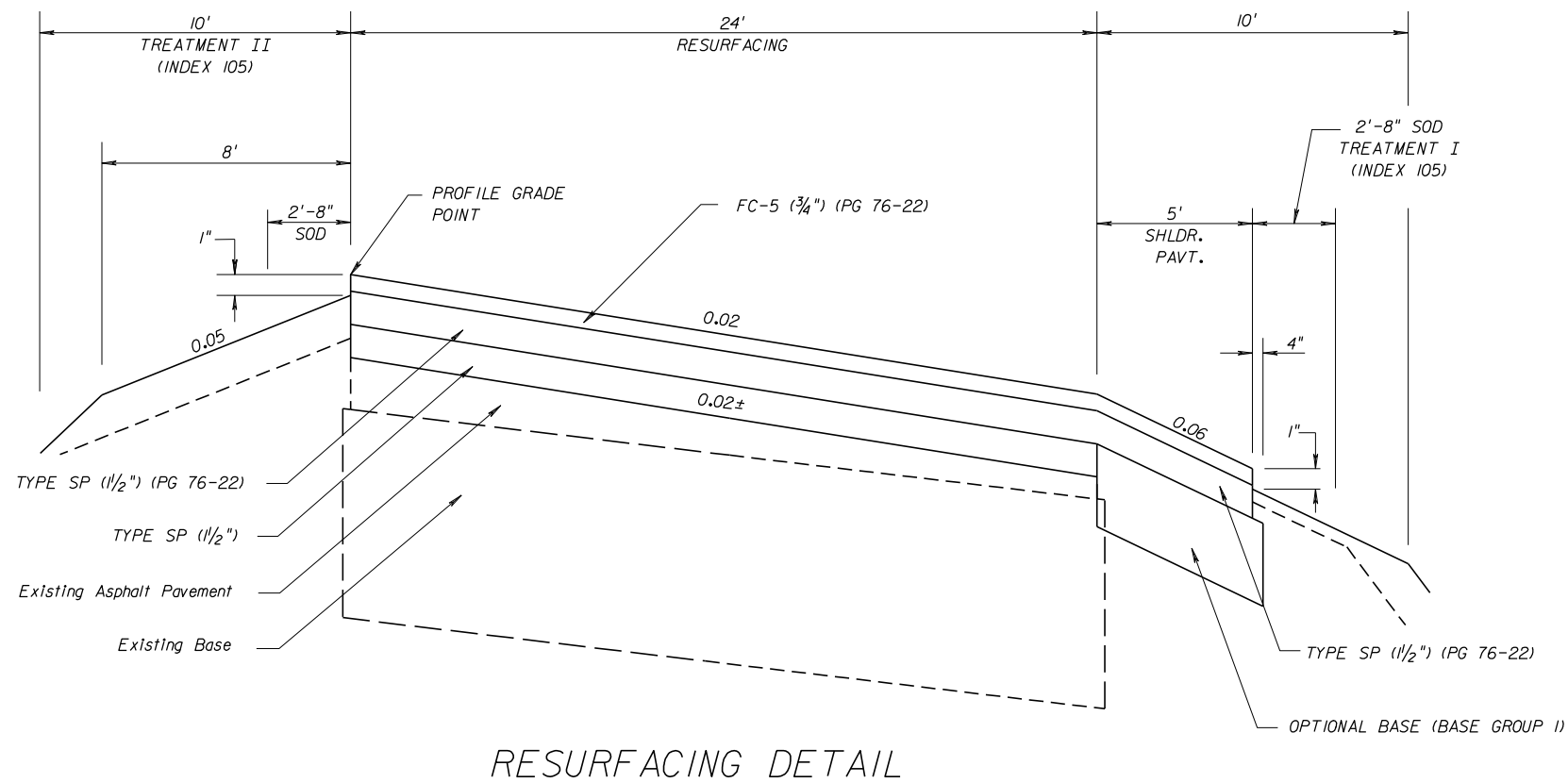
REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		



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.

EXAMPLE OF CROSS SLOPE CORRECTION BY MILLING.

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

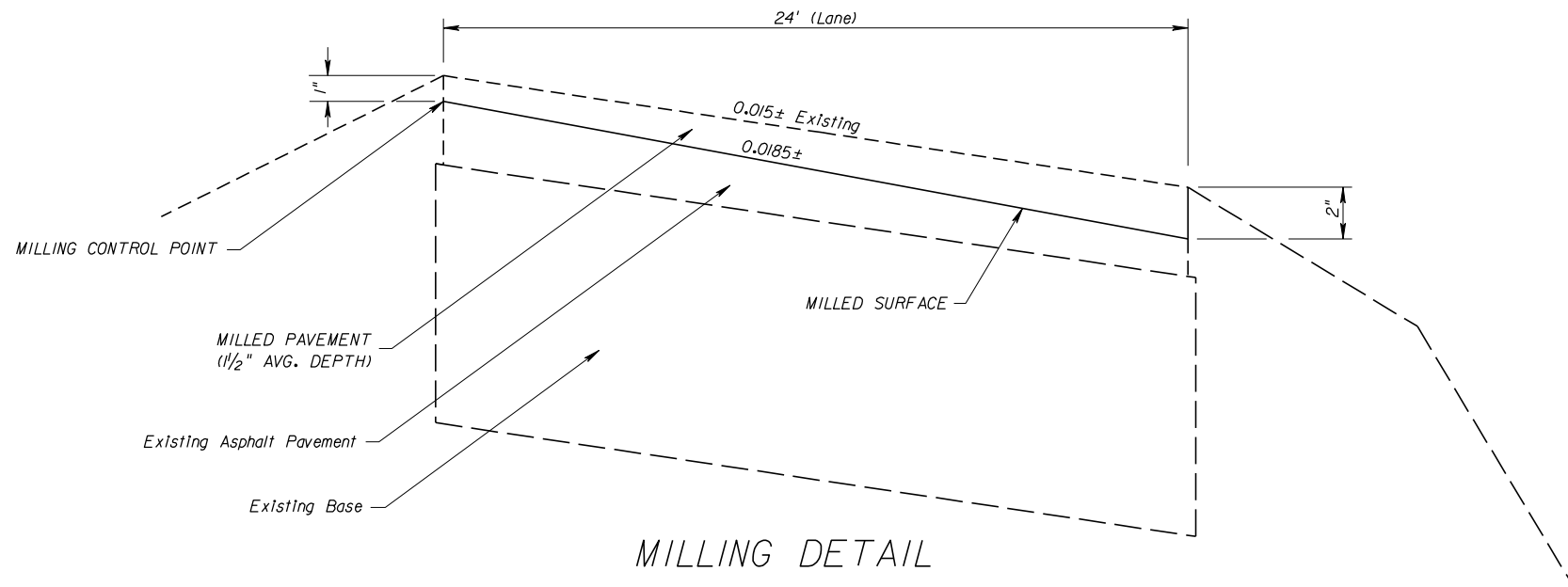


STA. 204+34.58 TO STA. 288+95.16

EXHIBIT TYP-9A  
Date: 1/1/06

SHEET 2 OF 3

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

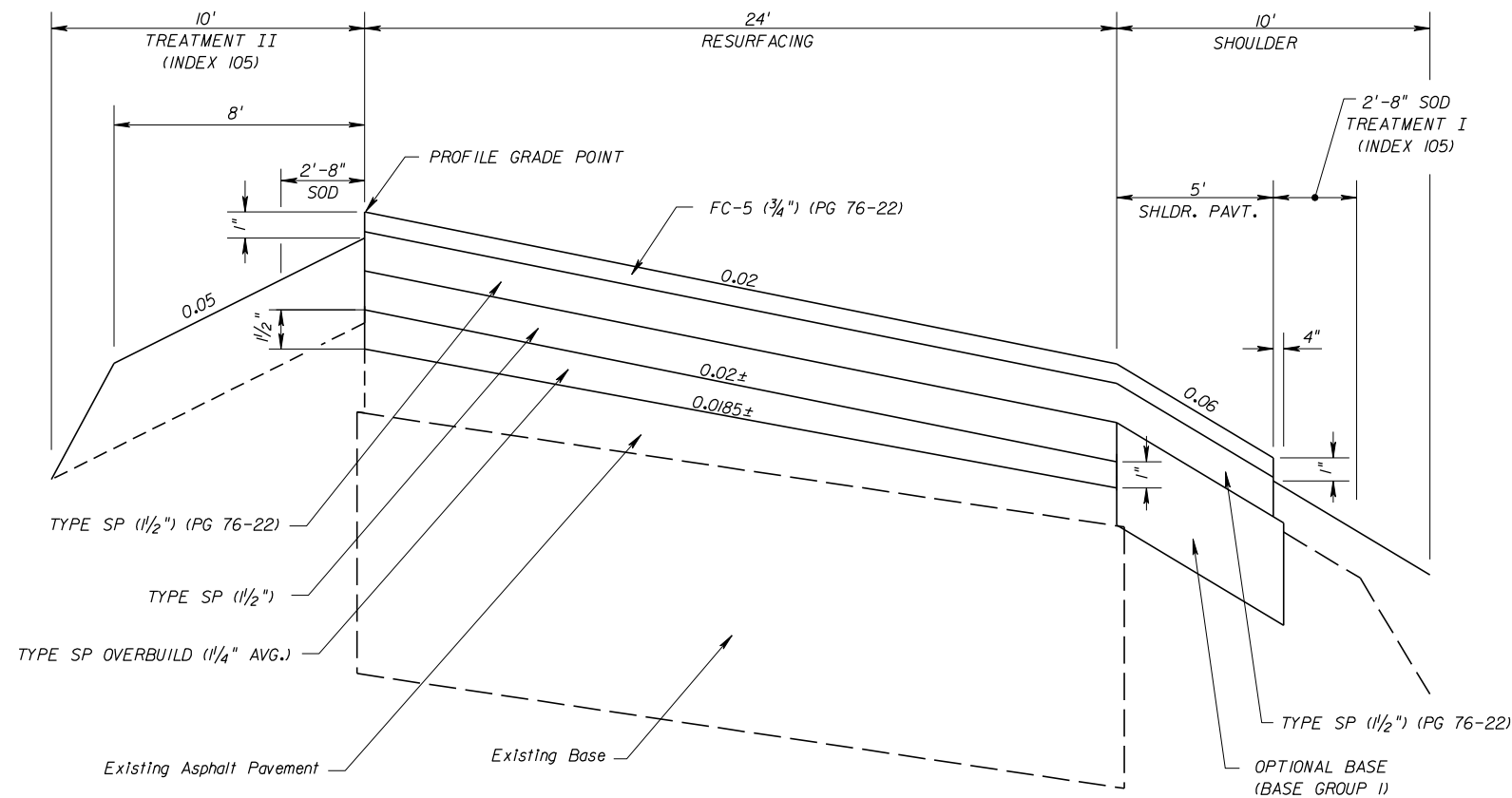


MILLING DETAIL

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.

EXAMPLE OF CROSS SLOPE CORRECTION BY MILLING AND OVERBUILD.

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



OVERBUILD AND RESURFACING DETAIL

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

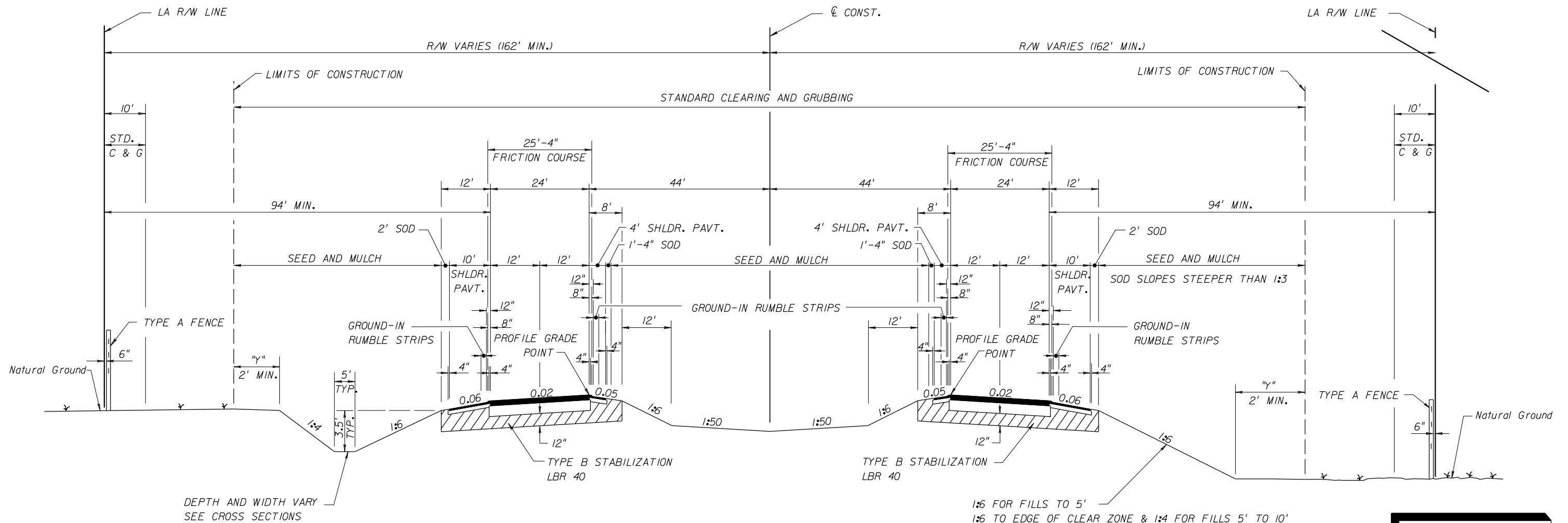
STA. 316+53.67 TO STA. 527+82.00

EXHIBIT TYP-9B  
Date: 1/1/06

SHEET 3 OF 3

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	

TYPICAL SECTION DETAILS



**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)

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

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'

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

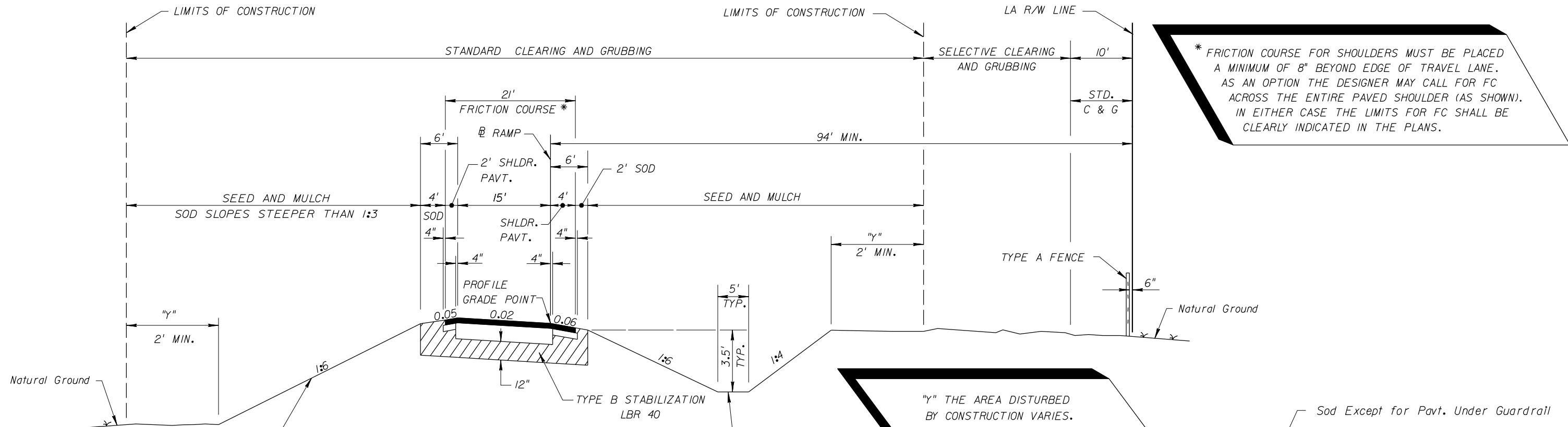
"Y" THE AREA DISTURBED BY CONSTRUCTION VARIES.

**EXHIBIT TYP-10**  
 Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	

**TYPICAL SECTIONS**

#USER# #DATE# #TIME# #FILE#



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.

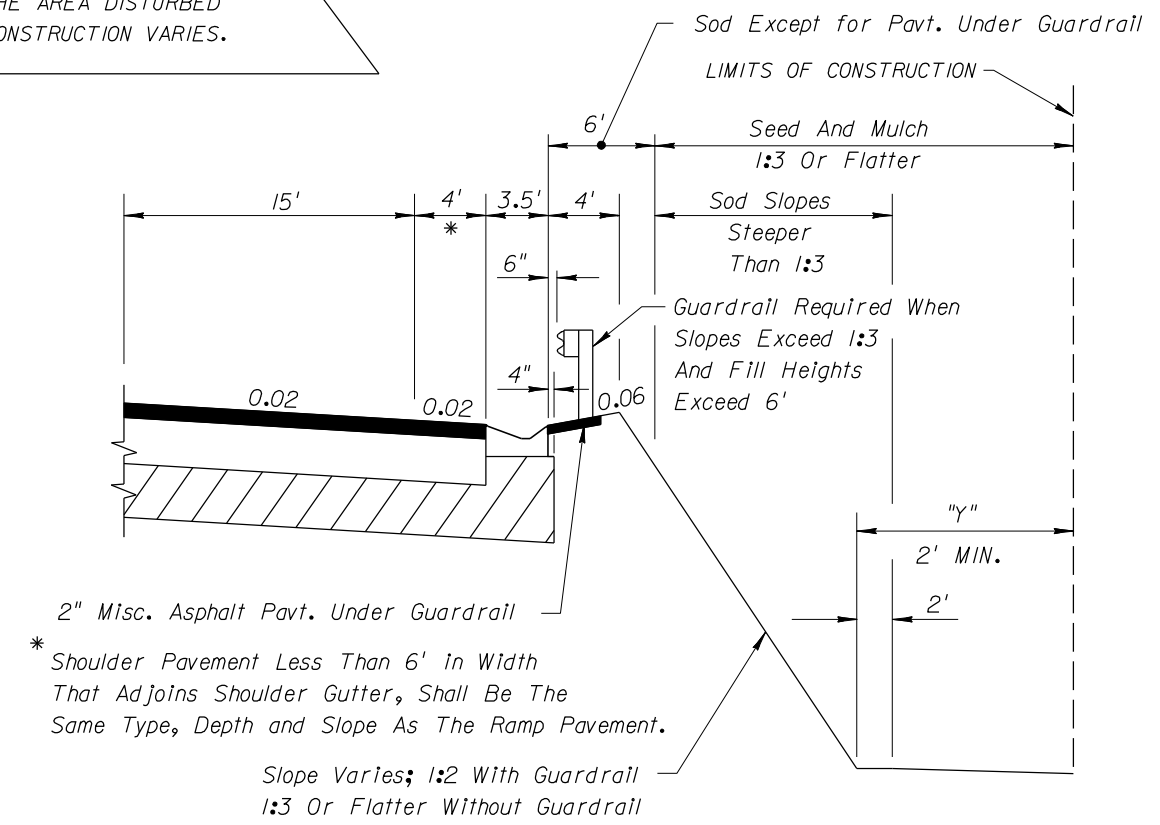
**TYPICAL SECTION  
 RAMP "B"**  
 STA. 415+67.28 TO STA. 421+23.68  
 (SINGLE LANE RAMP)

**NEW CONSTRUCTION**

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

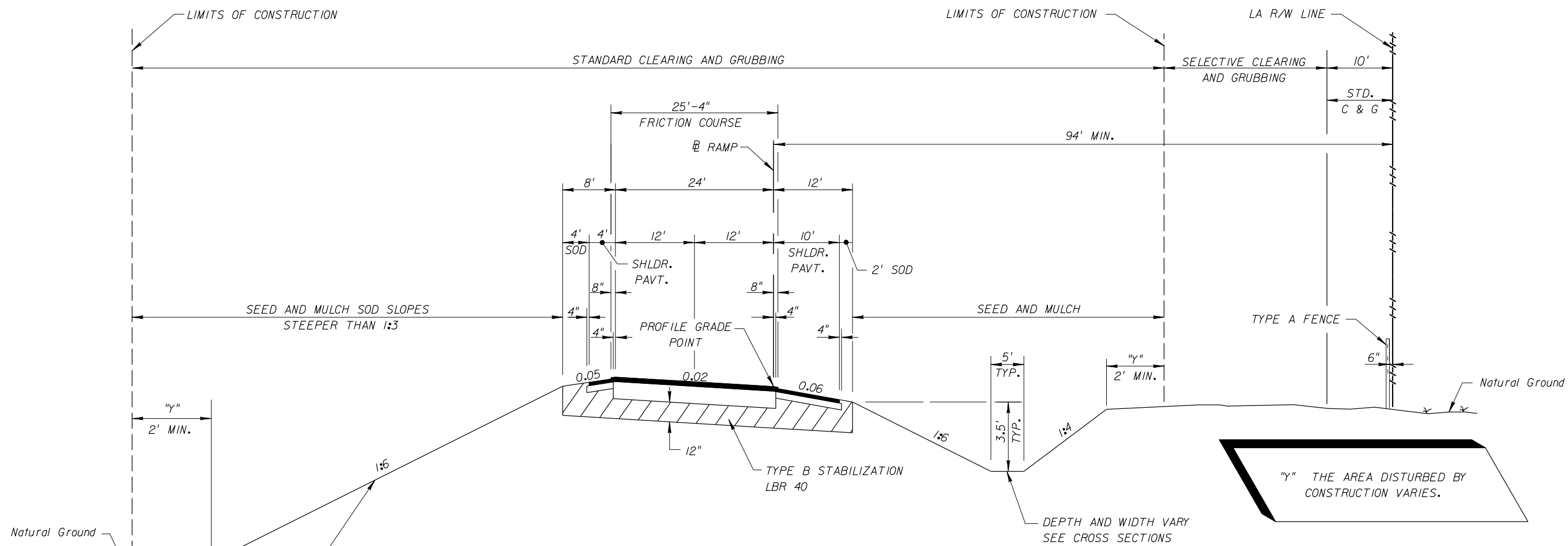


2" Misc. Asphalt Pavt. Under Guardrail  
 \* Shoulder Pavement Less Than 6' in Width  
 That Adjoins Shoulder Gutter, Shall Be The  
 Same Type, Depth and Slope As The Ramp Pavement.

**SHOULDER PAVEMENT & SHOULDER GUTTER DETAIL  
 FOR SINGLE LANE RAMP**

**EXHIBIT TYP-II**  
 Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			RAMP TYPICAL SECTION	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		



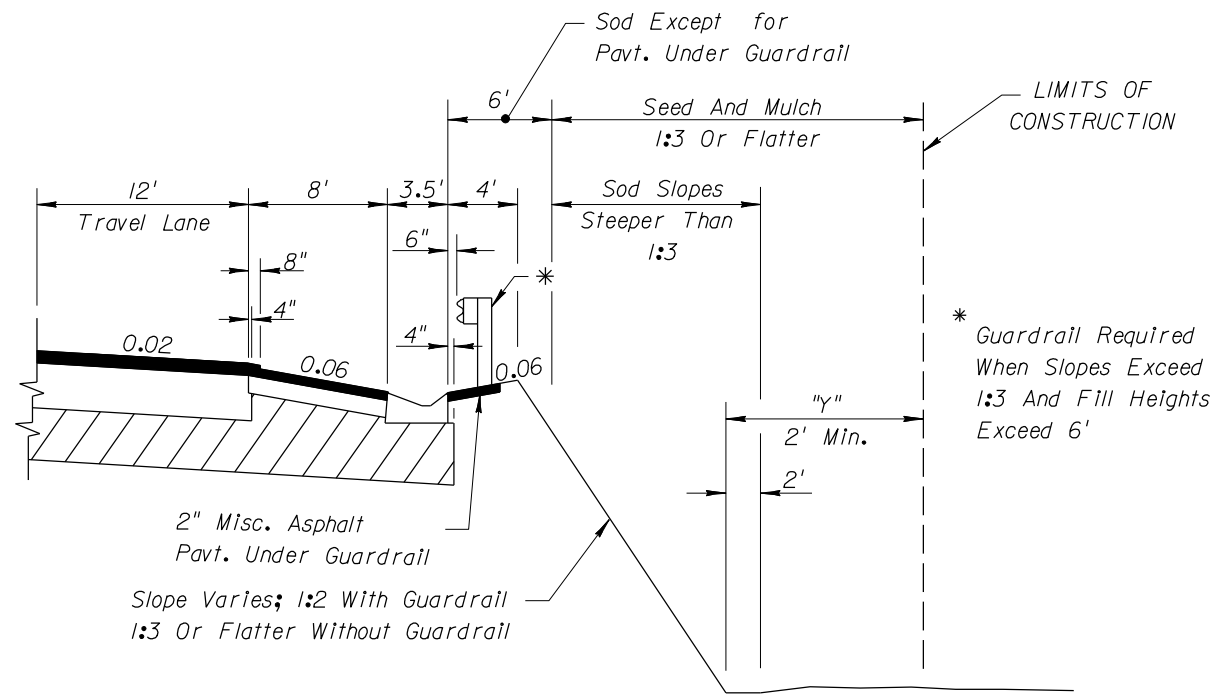
TYPICAL SECTION  
RAMP "C"  
STA. 623+28.64 TO STA. 629+13.78  
(TWO LANE RAMP)

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

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



SHOULDER PAVEMENT & SHOULDER GUTTER DETAIL  
MAINLINE AND MULTILANE RAMPS

EXHIBIT TYP-12  
Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			RAMP TYPICAL SECTION	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

\$USER\$ \$DATE\$ \$TIME\$ \$FILE\$

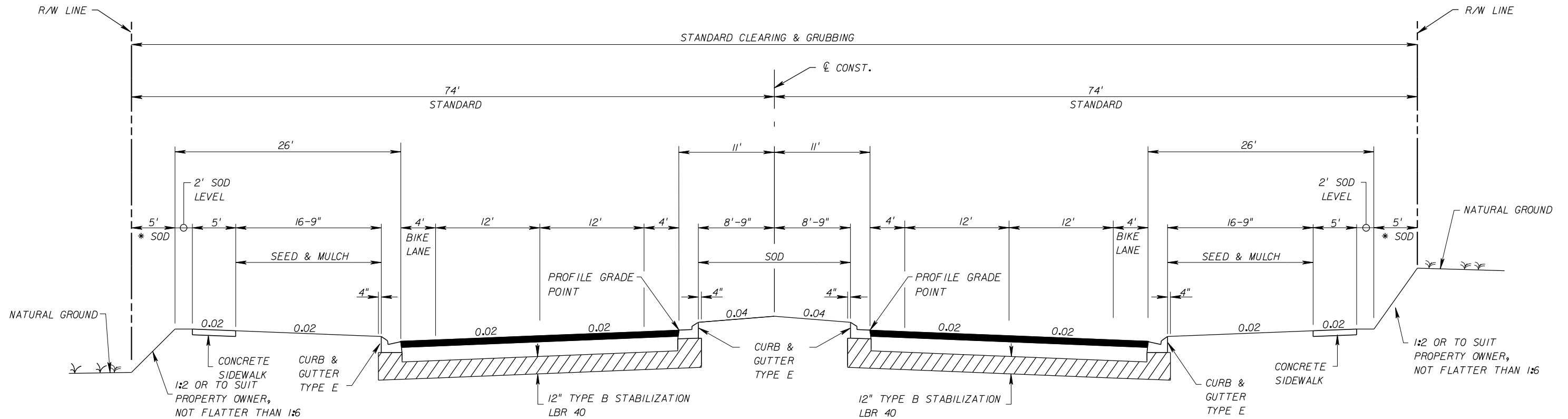


DESIGNATED BIKE LANES SHALL BE LABELED ON TYPICAL. UNDESIGNATED BIKE LANES SHOULD NOT BE LABELED ON TYPICAL.

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.

SEED AND MULCH SLOPES FLATTER THAN 1:3  
\* SOD SLOPES 1:3 OR STEEPER

4-LANE ARTERIAL  
NEW CONSTRUCTION  
DIVIDED  
SUBURBAN  
WITH DESIGNATED OR UNDESIGNATED BIKE LANE  
DESIGN SPEED 55 MPH



**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

**SUBURBAN 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)

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

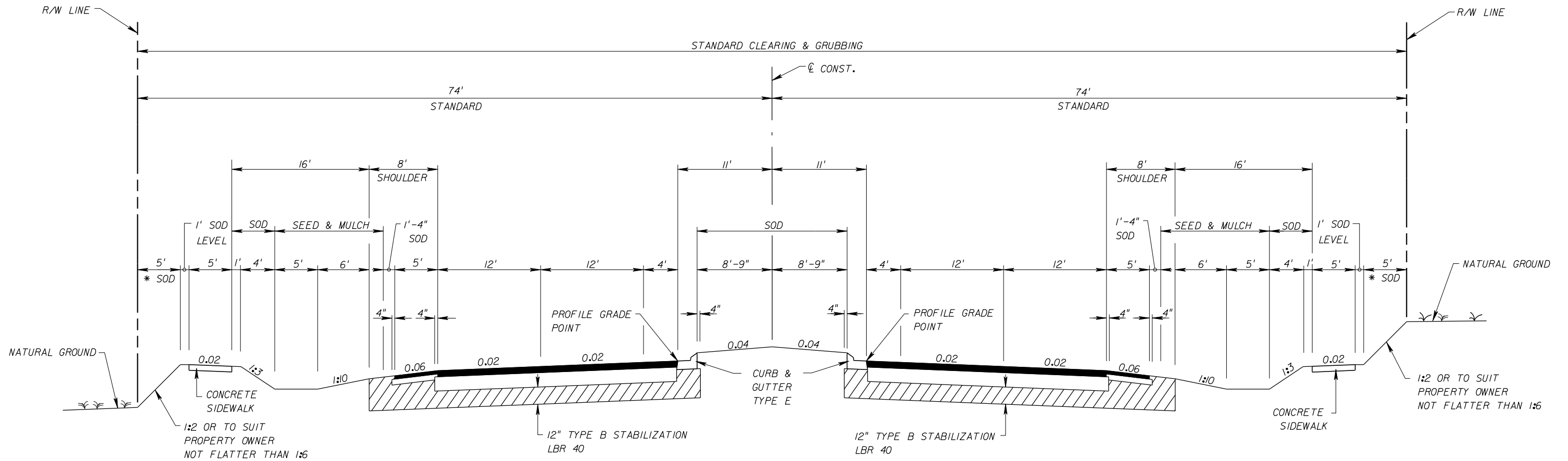
FOR STANDARD TYPICAL SECTION NOTES REFER TO EXHIBIT 6-1, THIS CHAPTER.

EXHIBIT TYP-13  
Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUBURBAN TYPICAL SECTION	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

DESIGNATED BIKE LANES SHALL BE LABELED ON TYPICAL. UNDESIGNATED BIKE LANES SHOULD NOT BE LABELED ON TYPICAL.

4-LANE  
ARTERIAL  
NEW CONSTRUCTION  
DIVIDED  
SUBURBAN  
WITH DESIGNATED OR  
UNDESIGNATED BIKE LANE  
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

**SUBURBAN 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) (3/2")  
 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)

SEED AND MULCH SLOPES  
 FLATTER THAN 1:3  
 \* SOD SLOPES 1:3 OR STEEPER

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.

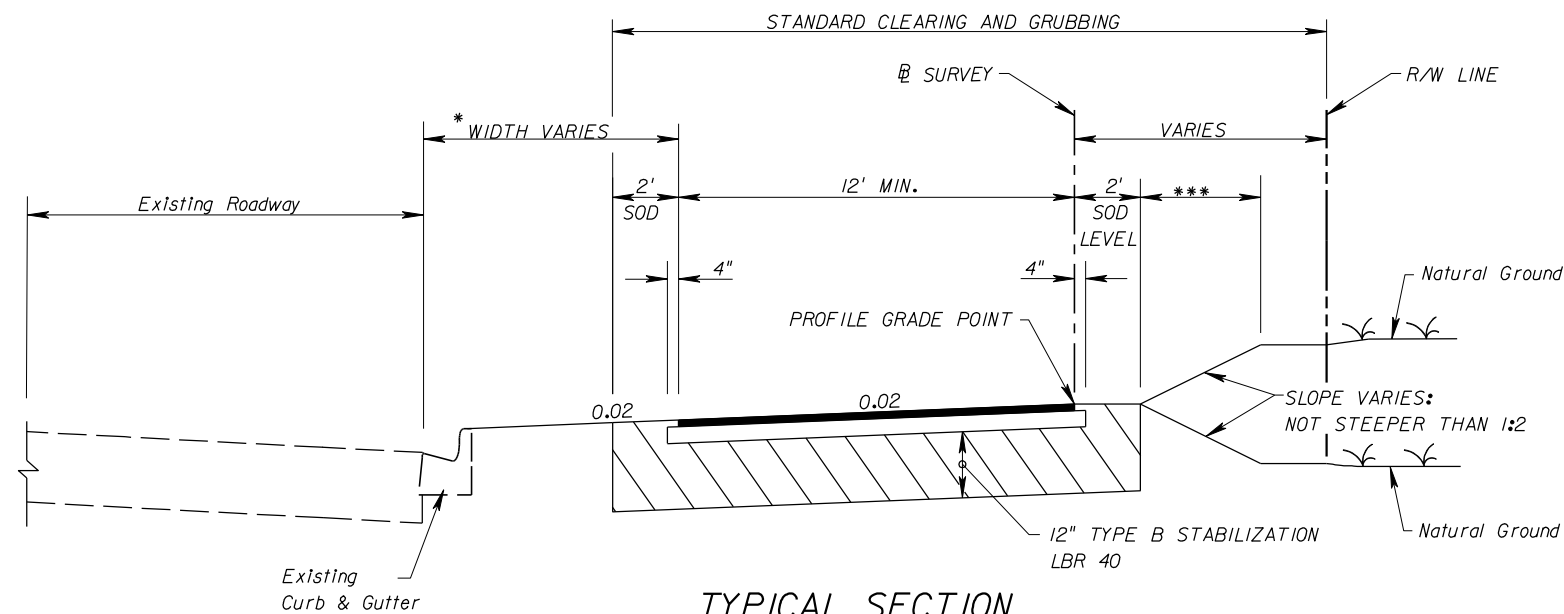
EXHIBIT TYP-14  
 Date: 1/1/06

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.

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	

**SUBURBAN TYPICAL SECTION**



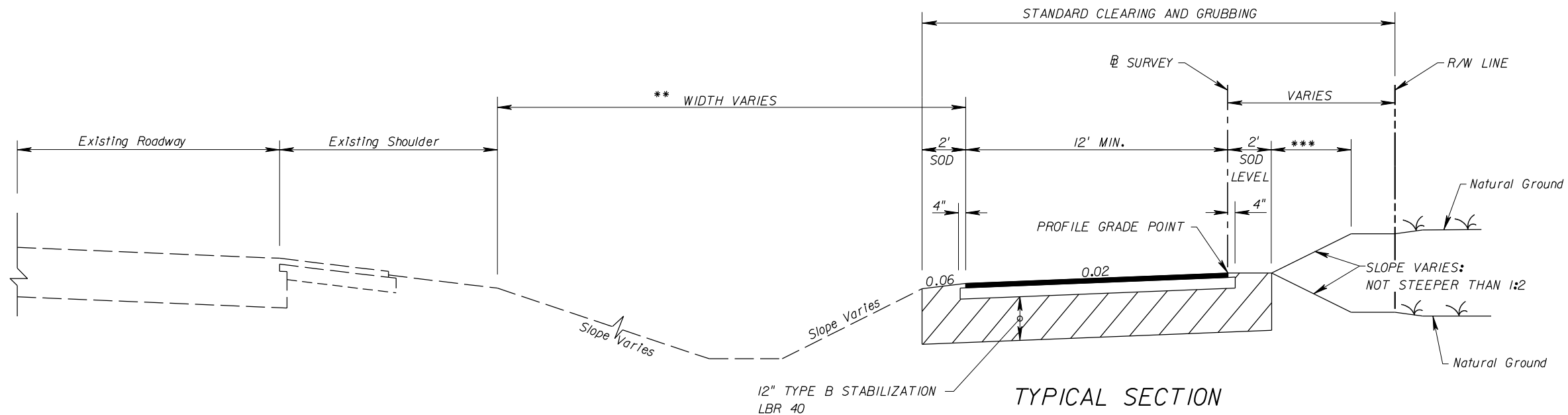
TYPICAL SECTION  
 SHARED USE PATH  
 SR 00 (WILLOW WAY)  
 STA. 122+00.000 TO STA. 210+65.000  
 PATH

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

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

\*\*\* SEED,  
 SEED AND MULCH,  
 SOD OR SEED  
 SOD

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



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")

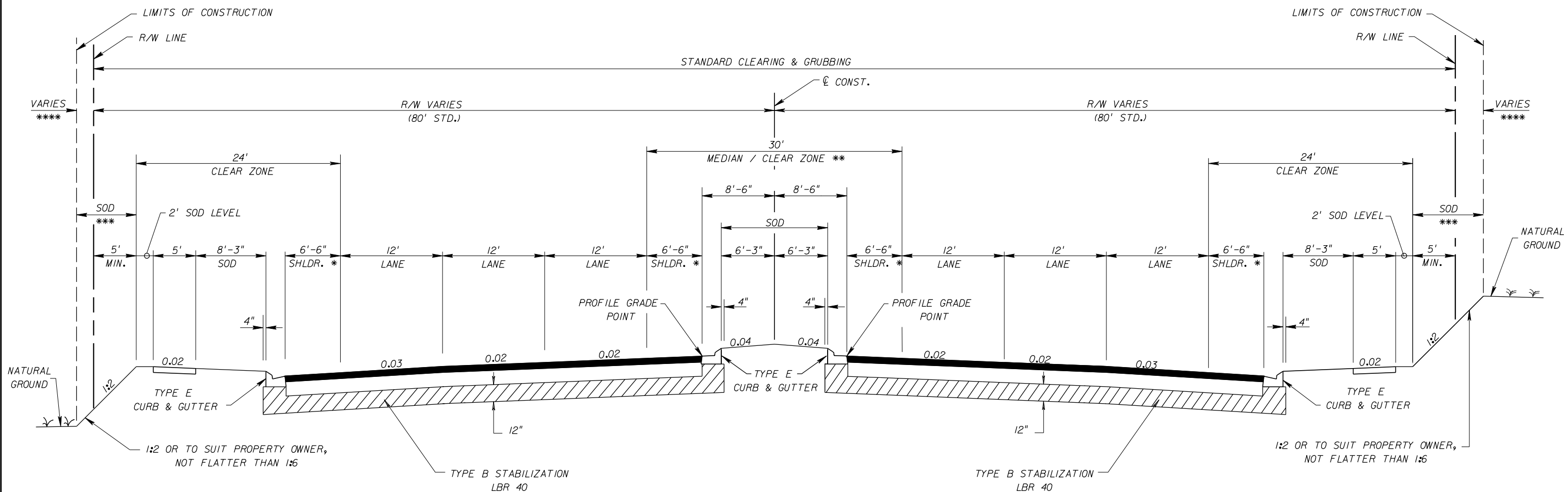
\*\* FOR ROADWAYS WITH FLUSH SHOULDERS, A MINIMUM SEPARATION OF 5 FEET MEASURED FROM THE OUTSIDE EDGE OF SHOULDER TO THE INSIDE EDGE OF THE SHARED USE PATH SHOULD BE PROVIDED.

EXHIBIT TYP-15  
 Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	

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

6-LANE  
ARTERIAL  
NEW CONSTRUCTION  
DIVIDED  
URBAN  
DESIGN SPEED 50 MPH



**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 1/2")  
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)

\*\*\* SEED,  
SEED AND MULCH,  
SOD OR SEED  
SOD

EXHIBIT TYP-16  
Date: 1/1/06

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
									TYPICAL SECTION