

6/2/2022

PAVEMENT SCHEDULE	
C1	1.5" S9.5C
C2	3" S9.5C
D2	2 1/2" I19.0C
E1	4" B25.0C
J2	4" ABC
R2	EXPRESSWAY GUTTER
R4	SHOULDER BERM GUTTER
R5	5" MONOLITHIC CONCRETE ISLAND
Y1	5 1/2" CONC. OVERLAY

PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE. SEE SHEET 2A-1 FOR DETAILED PAVEMENT SCHEDULE.

INSET A:

VAR WIDTH AND SLOPE SEE X-SECT

4" CONCRETE DITCH

1'-6"

*3

1"

EXIST. Ground

MATCH LINE A, A1, B, & C
TYP. SECT. NO. 1, SHT 2A-1
TYP. SECT. NO. 1A, SHT 2A-1
TYP. SECT. NO. 2, SHT 2A-1

*2

FDPS

C2

0.04

9.5"

RETAINING WALLS #21, #22, #23, #24, #25, #33, #34, #35, #39, #40

SINGLE FACED CONCRETE BARRIER

GRADE TO THIS LINE

USE INSET A

SEE TABLE FOR *2 WIDTH:

-L- STA. 420+39± TO -L- STA. 436+65±, LT

*2	STATION TO STATION	SHOULDER WIDTH
	-L- STA 420+39± TO 422+13±	VARIES 18'-1" TO 8'-0"
	-L- STA 422+13± TO 428+94±	8'-0"
	-L- STA 428+94± TO 430+25±	VARIES 8'-0" TO 19'-6"
	-L- STA 430+25± TO 436+65±	19'-6"

*2 = 8'-0":

-L- STA. 438+97± TO -L- STA. 442+58±, LT

-L- STA. 448+40± TO -L- STA. 452+25±, LT

-L- STA. 453+25± TO -L- STA. 456+25±, LT

-L- STA. 468+75± TO -L- STA. 471+75±, LT

-Y2- STA. 14+59± TO -Y2- STA. 16+25±, LT

-Y2- STA. 16+75± TO -Y2- STA. 18+70±, LT

-Y2- STA. 63+75± TO -Y2- STA. 66+03±, RT

-Y2- STA. 71+25± TO -Y2- STA. 72+75±, LT

-Y2- STA. 77+94± TO -Y2- STA. 78+67.46, LT

*3	5' WOVEN WIRE FENCE	#21, #22, #23, #24, #25 SEE DETAIL SHT 2B-2
	HANDRAIL	#33, #34, #35, #39, #40 SEE DETAIL SHT 2C-4

(FOR RETAINING WALLS SEE DETAIL SHTs W21-1 THRU W21-5, W22-1 THRU W22-3, W23-1 THRU W23-3, W24-1 THRU W24-3, W25-1 THRU W25-3, W33-1 THRU W33-3, W34-1 THRU W34-2, W35-1 THRU W35-4, & W39_40-1 THRU W39_40-3)

INSET B:

MATCH LINE A & B
SEE TYP. SECT. NO. 1, SHT 2A-1

2" LIP AROUND GUARDRAIL POST

2" LIP

8'

*3

PROP. GUARDRAIL

9.5"

0.04

0.08

0.02

EXIST. Ground

RETAINING WALL #26, #27, #30, #32
(SEE DETAIL SHTS W26-1 THRU W26-3, W27-1 THRU W27-8, W30-1 THRU W30-7, & W32-1 THRU W32-7)

HANDRAIL (SEE DETAIL SHT 2C-4)

GUARDRAIL SLEEVE

USE INSET B

(*3 = 6', *4 = 4')

-L- STA. 421+36± TO -L- STA. 423+54±, RT

(*3 = VARIES 7' TO 9'-10", *4 = 10')

-L- STA. 427+36± TO -L- STA. 431+45±, RT

(*3 = 5'-6", *4 = 10')

-Y2- STA. 26+50± TO -Y2- STA. 28+75±, LT

-Y2- STA. 63+22± TO -Y2- STA. 66+83±, LT

EXISTING RETAINING WALL TO REMAIN AND NEW WALL CONSTRUCTED IN FRONT WITH MIN. 1' SEPARATION.

INSET C:

MATCH LINE B
SEE TYP. SECT. NO. 1, SHT 2A-1

10'

VARIES 4'-0" TO 11'-8"

8'

FDPS

9.5"

0.04

0.02

EXIST. Ground

GRADE TO THIS LINE

USE INSET C

-Y2- STA. 51+25.00 TO -Y2- STA. 57+76±, RT

INSET F:

MATCH LINE D
SEE TYP. SECT. NO. 2 SHT 2A-1

*9

*10

4' PARKING LOT

2' SEE PLAN FOR LOCATION OF CONC ISLAND

9.5"

0.02

0.04

EXIST. Ground

USE INSET F

-Y2- STA. 18+90.00 TO -Y2- STA. 21+91.72, RT

	WIDTH	STA TO STA
*9	0' TO 12'	-Y2- STA. 18+75.00 TO -Y2- STA. 19+25.00
	12'	-Y2- STA. 19+25.00 TO -Y2- STA. 21+91.72
*10	0' TO 21.45'	-Y2- STA. 19+41± TO -Y2- STA. 20+07±
	40.35'	-Y2- STA. 20+07± TO -Y2- STA. 21+43±
	40.35' TO 0'	-Y2- STA. 21+43± TO -Y2- STA. 21+91.72

INSET H:

MATCH LINE A, B & H
SEE TYP. SECT. NO. 1, SHT 2A-1
SEE TYP. SECT. NO. 5, SHT 2A-2

*11

3'

9.5"

0.04

GRADE TO THIS LINE

EXIST. Ground

VAR. (4:1 TO 1.5:1)

USE INSET H

*11 - 10'-3"

-L- STA. 438+00± TO -L- STA. 448+97±, RT

-L- STA. 451+86± TO -L- STA. 453+62±, RT

*11 - 8'

-Y2- STA. 27+00± TO -Y2- STA. 28+25±, RT

-Y2- STA. 47+50± TO -Y2- STA. 52+57±, LT

-DR4- STA. 10+36±, LT TO -Y2- STA. 70+50±, RT

INSET I:

MATCH LINE A
SEE TYP. SECT. NO. 1, SHT 2A-1

5'-6"

8'

PROP. GUARDRAIL

HANDRAIL (SEE DETAIL SHT 2C-4)

RETAINING WALL #32 (SEE DETAIL SHTS W32-1 THRU W32-7)

9.5"

0.04

EXIST. Ground

GRADE TO THIS LINE

USE INSET I

-Y2- STA. 58+90± TO -Y2- STA. 63+22±, LT

PROJECT REFERENCE NO. A-0009CC	SHEET NO. 2A-3
ROADWAY DESIGN ENGINEER JIMMY L. TERRY 35018	PAVEMENT DESIGN ENGINEER MATTHEW BROWER 041986
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
TGS ENGINEERS 201 W. MARION ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

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