PROJECT REFERENCE NO.	SHEET NO.
R-2552AA	2

METRIC

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22922 GLENN W. MUMFORD 3/16/05

PAVEMENT DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22896 CLARK S. MORRISON 3/18/05

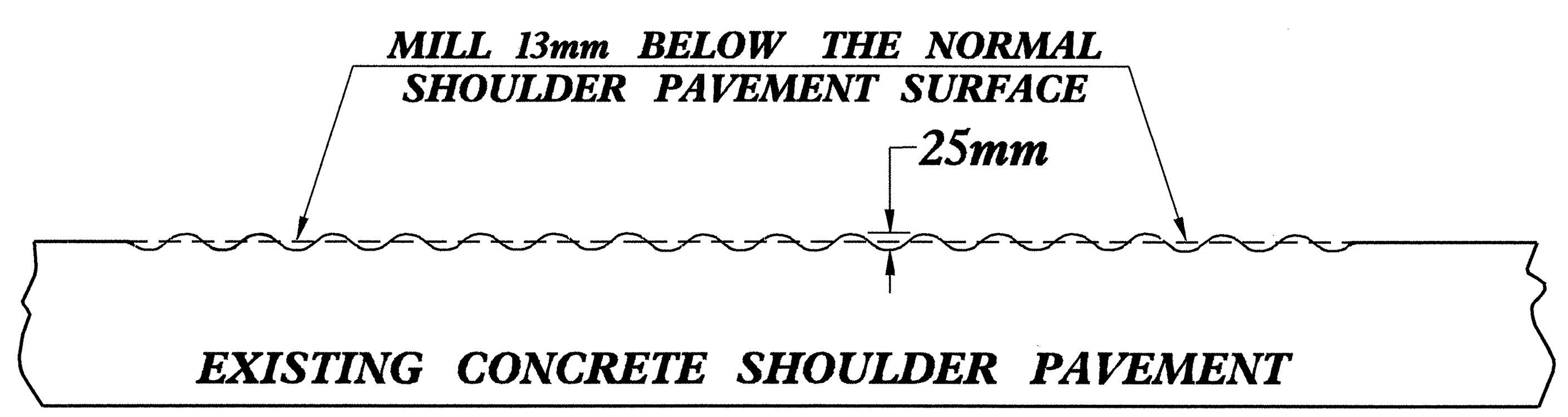
FINAL PAVEMENT SCHEDULE

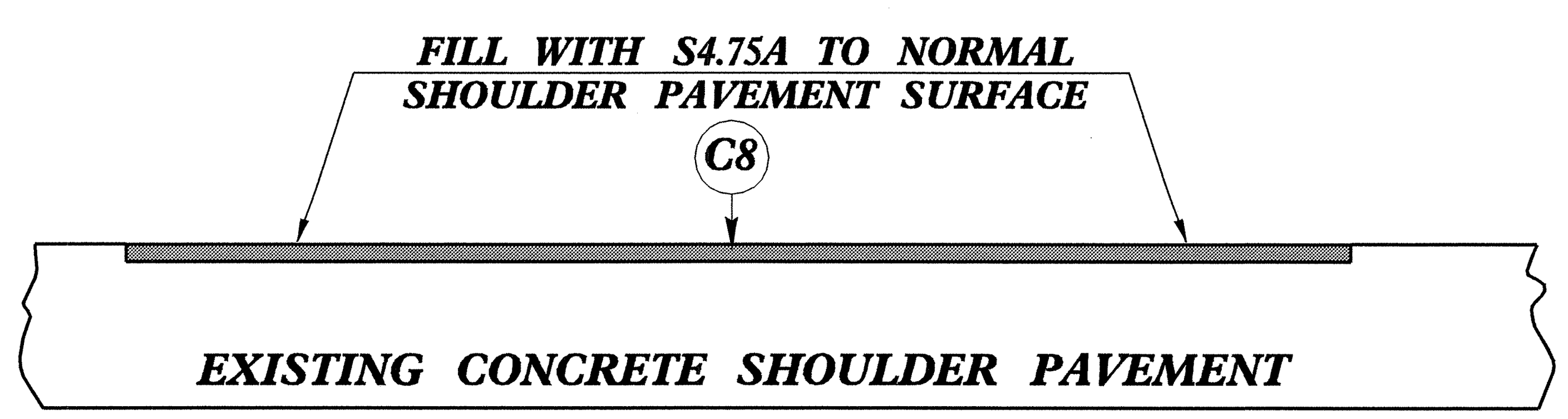
A1	360mm PORTLAND CEMENT CONCRETE (WITH DOWELS)	D1	PROP. APPROX. 65 mm ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 159.25 kg PER SQ. METER.	J1	PROP. 200 mm AGGREGATE BASE COURSE.
A2	CONCRETE SHOULDERS ADJACENT TO 360mm PAVEMENT (WITH DOWELS)	D2	PROP. APPROX. 80 mm ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 196 kg PER SQ. METER.	J2	PROP. 250 mm AGGREGATE BASE COURSE.
C1	PROP. APPROX. 30mm ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 70.5 kg PER SQ. METER.	D3	PROP. APPROX. 100 mm ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 245 kg PER SQ. METER.	J3	PROP. 270 mm AGGREGATE BASE COURSE.
C2	PROP. APPROX. 35mm ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 82.25 kg PER SQ. METER.	D4	PROP. VAR. DEPTH ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 2.45 kg PER SQ. METER PER 1 mm DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 65 mm OR GREATER THAN 110 mm IN DEPTH.	J4	PROP. VAR. DEPTH AGGREGATE BASE COURSE.
C3	PROP. APPROX. 50mm ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 117.50 kg PER SQ. METER.	E1	PROP. APPROX. 100 mm ASPHALT CONC. BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 245 kg PER SQ. METER.	K	SUBGRADE TO BE TREATED WITH LIME TO A DEPTH OF 200mm AT A RATE OF 11 kg PER SQ. METER AS DIRECTED BY THE ENGINEER. OR SUBBASE TO BE TREATED WITH CEMENT TO A DEPTH OF 180 mm AT A RATE OF 30 kg PER SQ. METER AS DIRECTED BY THE ENGINEER.
C4	PROP. APPROX. 70mm ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 82.25 kg PER SQ. METER IN EACH OF TWO LAYERS.	E2	PROP. APPROX. 120 mm ASPHALT CONC. BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 294 kg PER SQ. METER.	P	PRIME COAT AT THE RATE OF 1.58 L PER SQ. METER.
C5	PROP. VAR. DEPTH ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 2.35 kg PER SQ. METER PER 1 mm DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 25mm IN DEPTH OR GREATER THAN 50mm IN DEPTH.	E3	PROP. VAR. DEPTH ASPHALT CONC. BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 2.45 kg PER SQ. METER PER 1 mm DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 75mm IN DEPTH OR GREATER THAN 140mm IN DEPTH.	R	PRECAST REINFORCED SINGLE FACED CONCRETE BARRIER
C6	PROP. APPROX. 100mm ASPHALT CONC. SURFACE COURSE, TYPE S12.5C, AT AN AVERAGE RATE OF 120 kg PER SQ. METER IN EACH OF TWO LAYERS.	E4	PROP. APPROX. 100 mm ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 245 kg PER SQ. METER.	T	EARTH MATERIAL.
C7	PROP. VAR. DEPTH ASPHALT CONC. SURFACE COURSE, TYPE S12.5C, AT AN AVERAGE RATE OF 2.40 kg PER SQ. METER PER 1 mm DEPTH, MUST BE PLACED IN ONE LAYER OF 50mm OR TWO OF 100mm	E5	PROP. APPROX. 140 mm ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 343 kg PER SQ. METER.	U	EXISTING PAVEMENT.
C8	PROP. APPROX. 13mm ASPHALT CONC. SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 27.95 kg PER SQ. METER.	E6	PROP. VAR. DEPTH ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 2.45 kg PER SQ. METER PER 1 mm DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 75mm IN DEPTH OR GREATER THAN 140mm IN DEPTH.	W	VARIABLE DEPTH ASPHALT PAVEMENT. (SEE STANDARD WEDGING DETAILS No. 1 & No. 2)

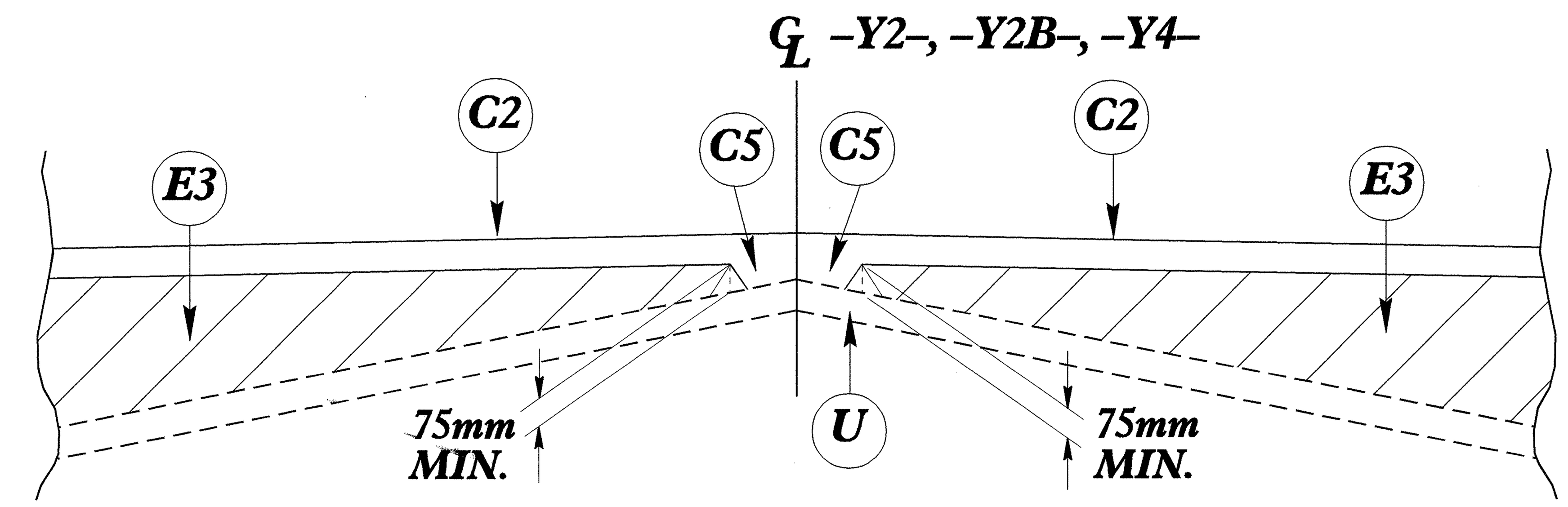
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

DETAILS SHOWING MILLING AND FILLING EXISTING CONCRETE RUMBLE STRIPS ON I-40

NOTE: SEE TRAFFIC CONTROL PLANS FOR PHASING
WB -I1Y1- 8+00.000 ± TO 44+00.000 ± LT.
EB -I1Y1- 7+55.000 ± TO 38+80.000 ± RT.

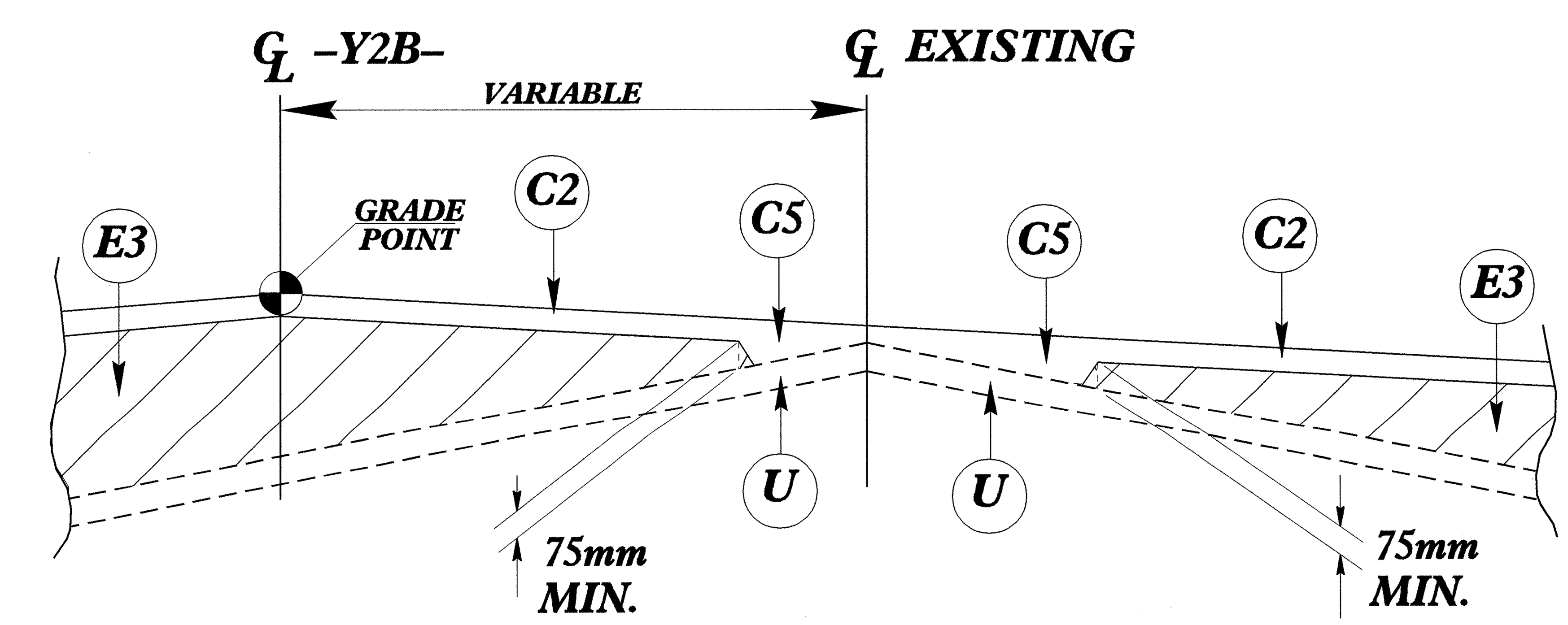






DETAIL SHOWING METHOD OF WEDGING NO. 1

USE IN CONJUNCTION WITH TYPICAL SECTIONS NO. 5 & NO. 9



DETAIL SHOWING METHOD OF WEDGING NO. 2

USE IN CONJUNCTION WITH TYPICAL SECTION NO. 5