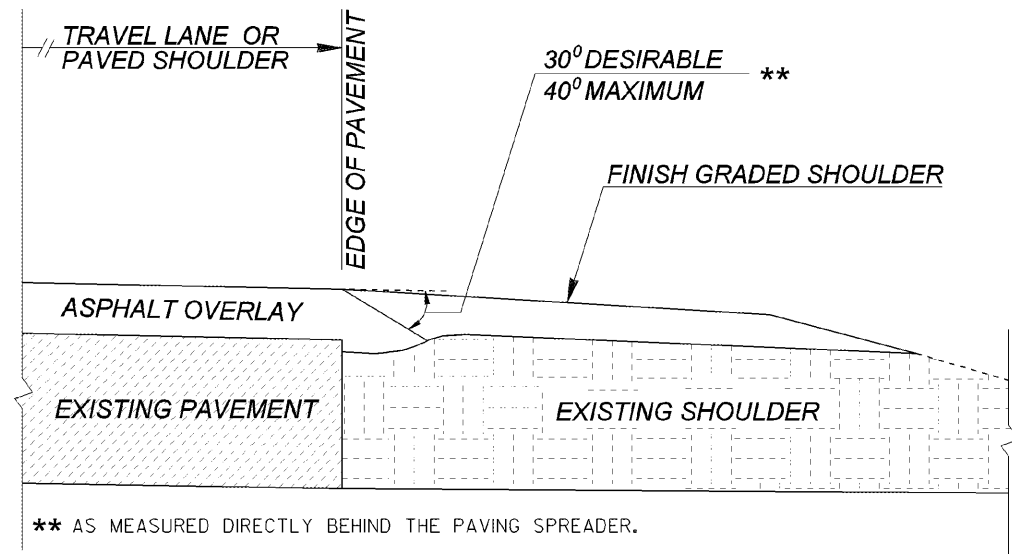


STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

ASPHALT PAVEMENT - OVERLAY

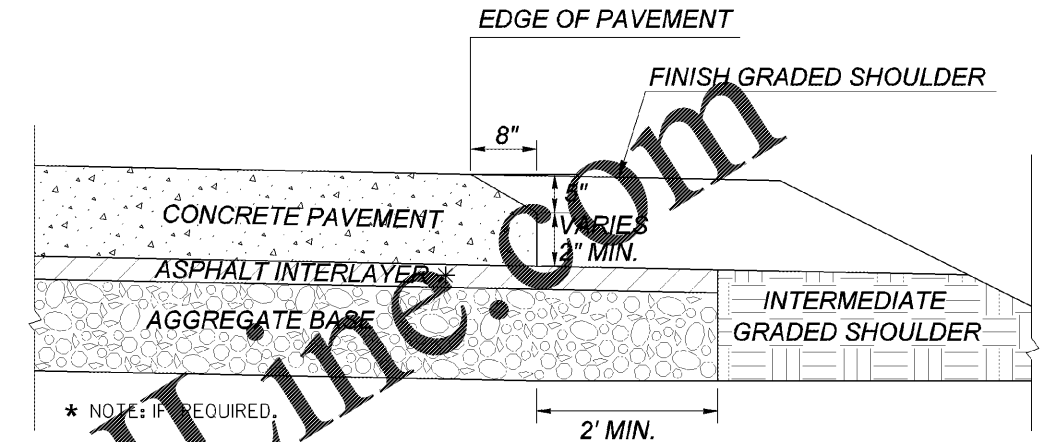


ADDITIONAL QUANTITIES:

DEPTH OF OVERLAY (T), NO RUTTING
 $(T)^2 \text{ (IN.)} \times 0.000441 \text{ TN/IN.-FT} \times \text{LENGTH (FT)} = \text{_____ TN}$

DEPTH OF OVERLAY (T), WITH 1 IN. RUTTING
 $(T)^2 \text{ (IN.)} \times 0.000441 \text{ TN/IN.-FT} \times \text{LENGTH (FT)} + (T) \text{ (IN.)} \times 0.000882 \text{ TN/IN.-FT} \times \text{LENGTH (FT)} = \text{_____ TN}$

PLAIN PC CONCRETE PAVEMENT OR ROLLER COMPACTED CONCRETE PAVEMENT



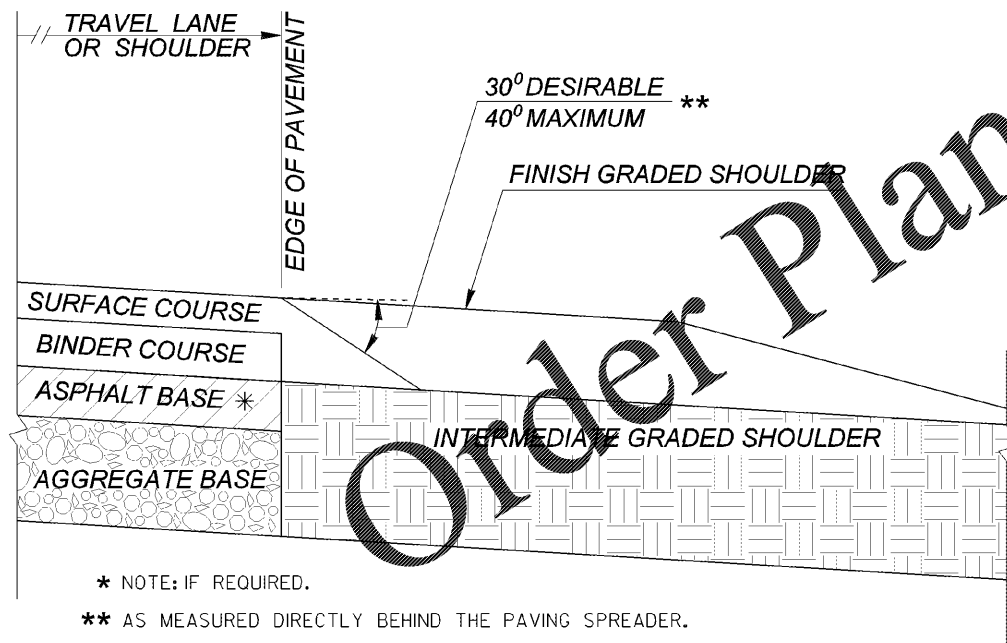
ADDITIONAL QUANTITIES:

CONCRETE
 $0.07407 \text{ SY/FT} \times \text{LENGTH (FT)} = \text{_____ SY}$

ASPHALT INTERLAYER, IF REQUIRED
 $(T) \text{ IN.} \times \text{LENGTH (FT)} \times 0.004074 \text{ TN/IN.-FT} = \text{_____ TN}$

AGGREGATE BASE (BASED ON 2.07 TN/CY)
 $(T) \text{ IN.} \times \text{LENGTH (FT)} \times 0.0042592 \text{ TN/IN.-FT} = \text{_____ TN}$

ASPHALT PAVEMENT - NEW



ADDITIONAL QUANTITIES:

SURFACE COURSE PAVING DEPTH (T)
 $(T)^2 \text{ (IN.)} \times 0.000441 \text{ TN/IN.-FT} \times \text{LENGTH (FT)} = \text{_____ TN}$

GENERAL NOTES:

1. THE SAFETY EDGE SHALL BE CONSTRUCTED AS AN INTEGRAL OPERATION OF THE ROADWAY PAVEMENT CONSTRUCTION PROCESS.

(ASPHALT PAVEMENT)

2. USE AN APPROVED MECHANICAL DEVICE THAT WILL:

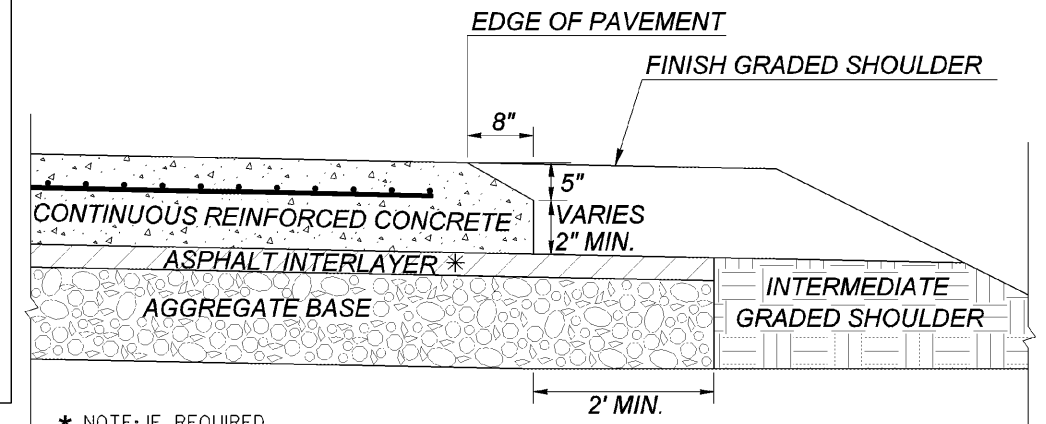
1. APPLY COMPACTIVE EFFORT TO THE ASPHALT MIXTURE TO ELIMINATE OBJECTABLE VOIDS AS THE MIXTURE PASSES THROUGH THE WEDGE DEVICE.
2. PRODUCE A WEDGE WITH A UNIFORM TEXTURE, SHAPE, AND DENSITY WHILE AUTOMATICALLY ADJUSTING TO VARYING HEIGHTS ENCOUNTERED ALONG THE ROADWAY SHOULDER.

3. A SINGLE-PLATE STRIKE-OFF METHOD SHALL NOT BE USED FOR BITUMINOUS PAVING, AS THE SINGLE-PLATE STRIKE-OFF METHOD HAS BEEN FOUND TO PRODUCE A NON-DURABLE EDGE.

4. COMPACTION OF THE EDGE SHOULD NOT BE DONE WITH THE FIRST PASS OF THE ROLLER; WITH THE ROLLER STAYING OFF THE EDGE AT LEAST 6 INCHES. THIS IS IN ORDER TO ALLOW THE EDGE MIX TO SLIGHTLY COOL PRIOR TO COMPACTION.

5. SHORT SECTIONS OF HANDWORK ARE ALLOWED, WHEN NECESSARY, FOR TRANSITIONS AND TURNOUTS.

CONTINUOUS REINFORCED CONCRETE PAVEMENT



ADDITIONAL QUANTITIES:

CONCRETE
 $0.07407 \text{ SY/FT} \times \text{LENGTH (FT)} = \text{_____ SY}$

ASPHALT INTERLAYER, IF REQUIRED
 $(T) \text{ IN.} \times \text{LENGTH (FT)} \times 0.004074 \text{ TN/IN.-FT} = \text{_____ TN}$

AGGREGATE BASE (BASED ON 2.07 TN/CY)
 $(T) \text{ IN.} \times \text{LENGTH (FT)} \times 0.0042592 \text{ TN/IN.-FT} = \text{_____ TN}$

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
CONSTRUCTION DETAIL PAVEMENT EDGE TREATMENT ASPHALT AND CONCRETE PAVEMENT	
NO SCALE	SEPTEMBER 2011
TC	DES. B.A.S. DRW. G.L.O. CHK. D.G.P. REVIEW B.A.S.
BY	NUMBER P-7