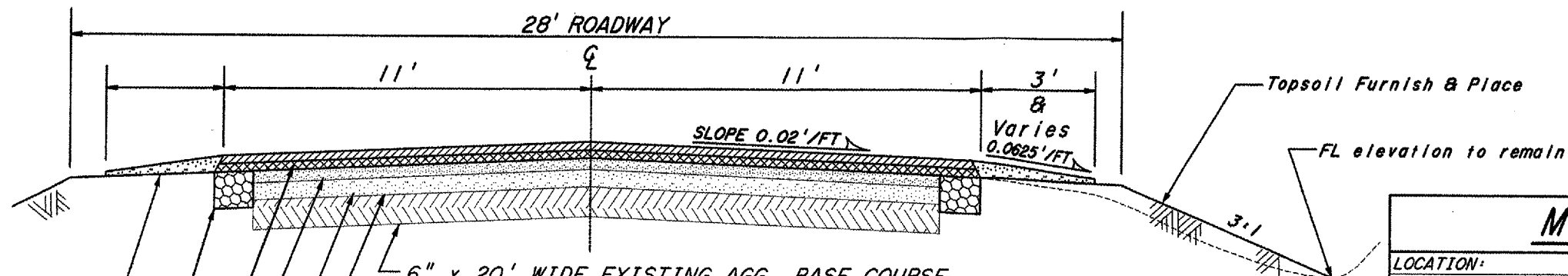


COUNTY	SECTION	HWY.NO.	SHEET NO.
LASALLE	06-00264-01-WR	CH 8	2 of 8

CONTRACT NO. 87344



- 6" x 20' WIDE EXISTING AGG. BASE COURSE
- 6" x 20' WIDE EXISTING POZ. SURF. TREAT.
- 2 1/2" x 20' WIDE EXISTING BIT. MIX. COM.
- 3" x 20' WIDE EXISTING BIT. MIX. COM.
- PROPOSED:**
  - 1 3/4" + 15\* C.C. HMA BINDER CSE. IL-19.0, N50
  - 1 1/4" x 22' HMA SURF. CSE., MIX "C", N50
  - 1.25' HMA BASE CSE. WIDENING, 7"
- 3" AGG SHOULDERS, TY. B

### PROPOSED TYPICAL SECTION

STA. 10+00 TO STA. 236+69

MIXTURE REQUIREMENTS				
LOCATION:	07-00264-01-WR			
MAX % RAP ALLOWABLE:	25%	25%	25%	15%
MIXTURE USE:	HMA BASE CSE., WID. 7"	HMA BINDER COURSE	LEVEL BINDER MACHINE METHOD	HMA SURF. COURSE
PG GRADE:	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL-19.0	IL-19.0	IL-9.5	IL-9.5
FRICTION AGGREGATE:				MIXTURE C
DENSITY CONTROL METHOD:	CORES/NUCLEAR	CORRELATION	SATISFACTION OF ENGINEER	CORRELATION

\*\*IF RAP OPTIONS IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

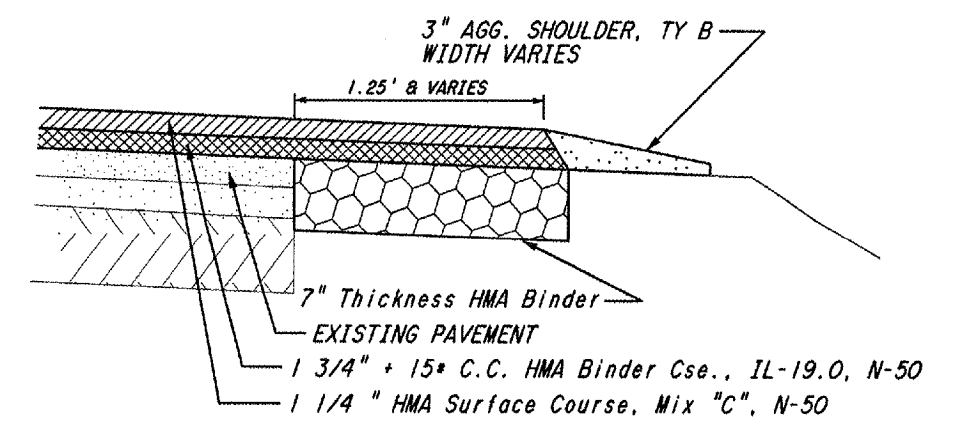
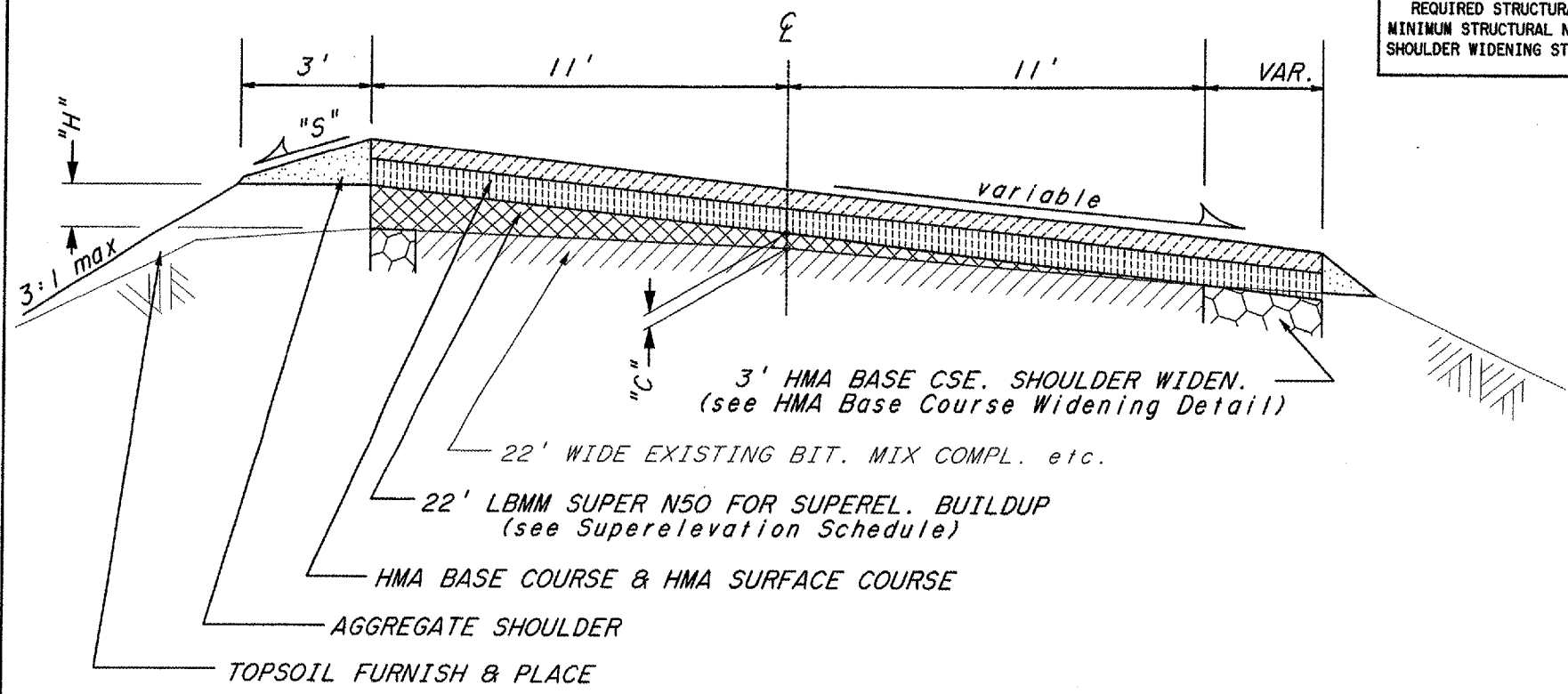
### PVMT DESIGN

STA. 10+00 TO STA. 236+69  
 STRUCTURAL DESIGN TRAFFIC = 673 (2027)  
 $P_v = 88\%$  (593)  $S_u = 7\%$  (47)  $M_u = 5\%$  (34)  
 TRAFFIC FACTOR = 0.148  
 REQUIRED STRUCTURAL NUMBER = 3.07  
 MINIMUM STRUCTURAL NUMBER PROVIDED = 3.40  
 SHOULDER WIDENING STRUC. NUMBER PROVIDED = 3.30

### SUPERELEVATION SCHEDULE

	STA. TO STA.	SUPERELEVATION	"H"	"C"
RISTA	62+76 TO 64+46	TRANS NC TO 0.08'/FT	.00 to .46	.00 to .08
	64+46 TO 67+34	SUPEREL = 0.08'/FT	.46	.08
	67+34 TO 69+04	TRANS 0.08'/FT TO NC	.46 to .00	.08 to .00
RISTA	109+60 TO 111+30	TRANS NC TO 0.033'/FT	.00 to .42	.00 to .08
	111+30 TO 114+18	SUPEREL = 0.033'/FT	.42	.08
	114+18 TO 115+88	TRANS 0.033'/FT TO NC	.42 to .00	.08 to .00
	FOR SUPEREL RATE	0.02'/FT 0.04'/FT 0.06'/FT 0.08'/FT		
	"S" DIMENSION	0.0625'/FT 0.0625'/FT 0.06'/FT 0.04'/FT		

NOTE: MAINTAIN EXISTING SUPERELEVATION FOR CURVES NOT LISTED IN SCHEDULE



### HMA BASE COURSE WIDENING, 7"

SEE QUANTITY SCHEDULE SHEET FOR LOCATIONS AND QUANTITIES

### PROPOSED SUPERELEVATION TYPICAL SECTION

# TYPICAL SECTIONS