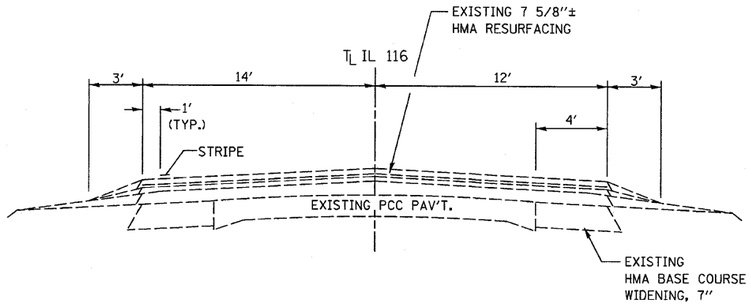
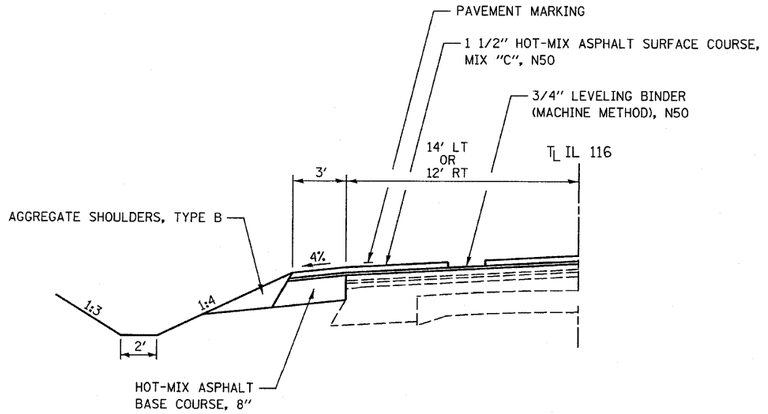


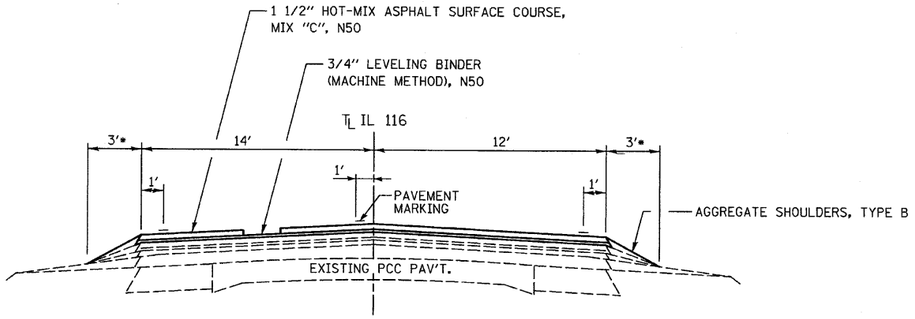
EXISTING ROADWAY TYPICAL SECTION

(LOOKING WEST)



PROPOSED SHOULDER DETAIL

LT. STA. 147+60.50 TO STA. 150+94.00
RT. STA. 147+57.00 TO STA. 150+90.50



PROPOSED ROADWAY TYPICAL SECTION

* AGGREGATE SHOULDERS
LT. STA. 146+10 TO STA. 147+60.5
RT. STA. 146+10 TO STA. 147+57.0
RT. STA. 150+90.5 TO STA. 151+90
LT. STA. 150+94 TO STA. 151+90

HMA SHOULDERS
LT. STA. 147+60.50 TO STA. 150+94.00
RT. STA. 147+57.00 TO STA. 150+90.50
SEE PROPOSED SHOULDER DETAIL
THIS SHEET.

	HMA BINDER BASE COURSE	HMA LEVEL BINDER	HMA SURFACE
PG GRADE **	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE			MIXTURE C
DENSITY TEST METHOD	CORES*	SATISFACTION OF ENGINEER	CORES

* MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

** WHEN RAP EXCEEDS 20%, THE VIRGIN ASPHALT BINDER SHALL BE REDUCED BY ONE GRADE (i.e. 25% RAP WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG64-22 TO BE REDUCED TO A PG58-22).

FILE NAME = D366870-SHT-TYPICAL.DGN	USER NAME = ---	DESIGNED - JKC	REVISED - ---
		DRAWN - NV	REVISED - ---
	PLOT SCALE = 1"=1'	CHECKED - JKC	REVISED - ---
	PLOT DATE = 01/10	DATE - 01/10	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)I	LIVINGSTON	20	4
		CONTRACT NO. 66870		
	ILLINOIS FED. AID PROJECT			