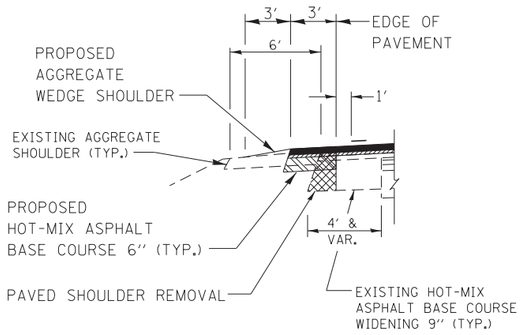
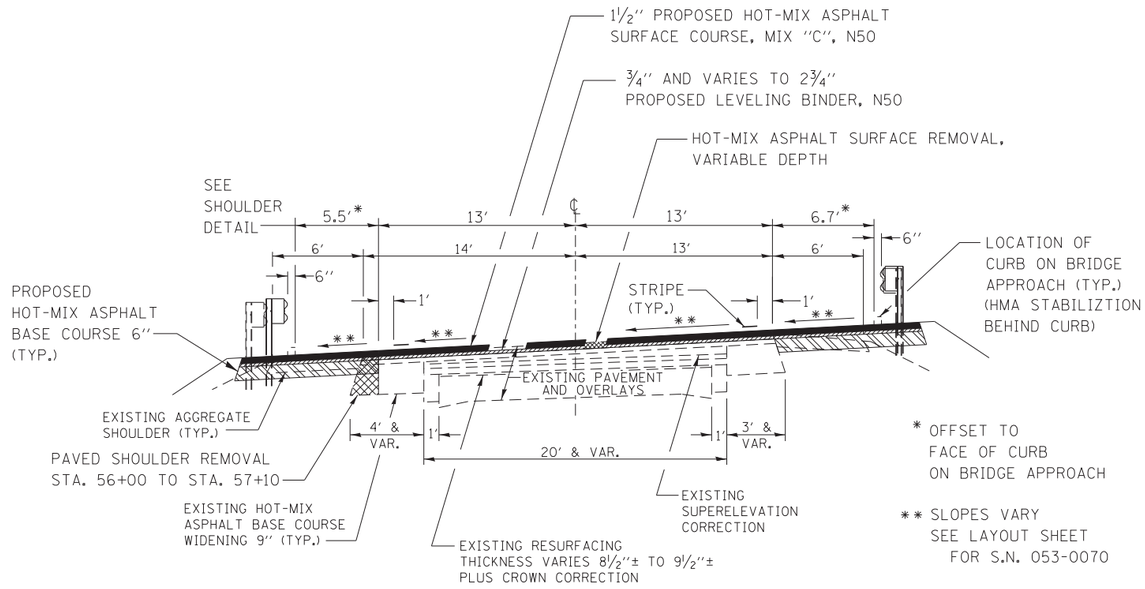


SHOULDER DETAIL

IL 116

STA. 56+00 TO STA. 57+10 (LEFT)
STA. 56+66.71 TO STA. 56+78.30 (RIGHT)
STA. 60+15.62 TO STA. 60+93 (RIGHT)



TYPICAL SECTION NO. 1

IL 116

STA. 56+00 TO STA. 58+48±
STA. 58+83± TO STA. 60+93

MIXTURE REQUIREMENTS

	HMA BINDER AND BASE COURSE	HMA LEVELING BINDER	HMA SURFACE	HMA SHOULDERS BOTTOM LIFTS	HMA SHOULDERS TOP LIFTS
PG GRADE	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE			MIXTURE C		MIXTURE C
DENSITY TEST METHOD	CORES	SATISFACTION OF ENGINEER	CORES	CORES•	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/OA SPECIFICATION.

FILE NAME = c:\pw_work\pwidot\schwankerg\dms31786\D366832-sht-SN0530070-details.dgn	USER NAME = Schwankerg	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ′ / in.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 116
TYPICAL SECTIONS

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113 BR)BR & (113 BR-1)BR	LIVINGSTON	123	72
		CONTRACT NO. 66832		
	ILLINOIS	FED. AID PROJECT		