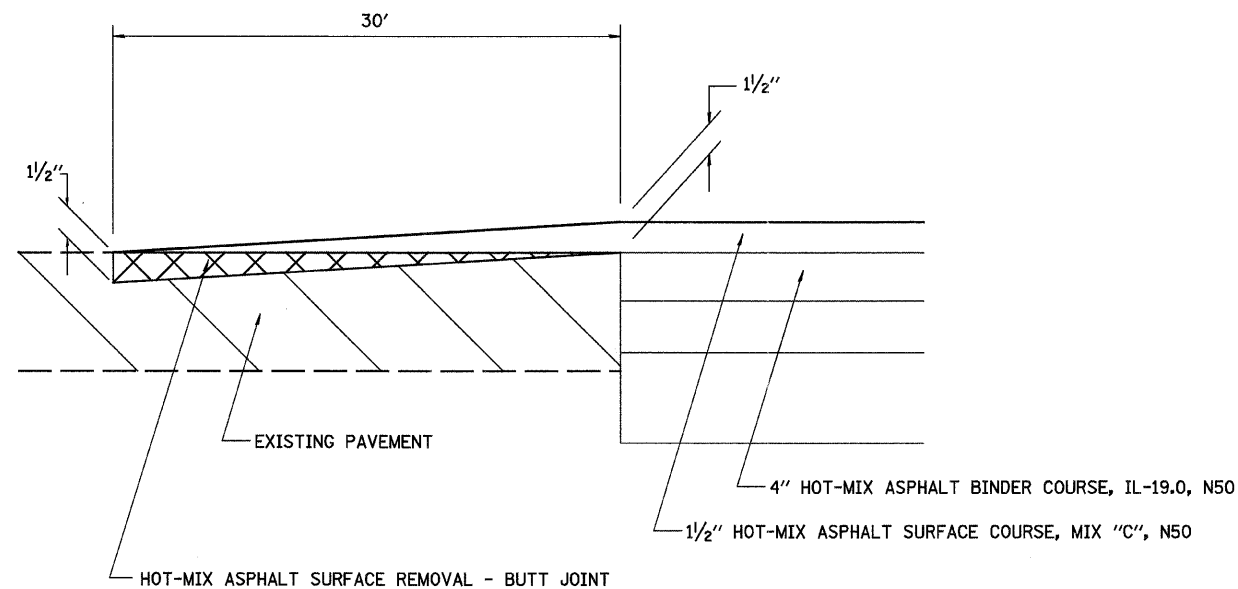


EXISTING ROADWAY TYPICAL SECTION



TYPICAL TAPER - BUTT JOINT

STA 9+50 TO STA 9+80  
STA 29+20 TO STA 29+50

**COUNTY HIGHWAY 13  
PAVEMENT STRUCTURAL DESIGN**  
80,000 LB. DESIGN

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = YEAR 2020

P.V.	697	}	792 ADT
S.U.	55		
M.U.	40		

1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50  
4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50  
12" SUBBASE GRANULAR MATERIAL, TYPE A

CLASS II ROADWAY  
SUBGRADE SUPPORT RATING (SSR) POOR (ASSUMED)  
TRAFFIC FACTOR: 0.22

PAVEMENT DESIGN PROCEDURES USED:  
CHAPTER 37 - BUREAU OF LOCAL ROADS MANUAL

PAVEMENT MIXTURE REQUIREMENTS			
MIXTURE USE:	SHOULDER	BINDER	SURFACE
PG:	PG 58-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	2.0 @ N50	4.0 @ N50	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-19.0	IL-19.0	IL-9.5
FRICTION AGGREGATE	N/A	N/A	MIX "C"
MIXTURE WEIGHT:	115 LBS/SY/IN	115 LBS/SY/IN	115 LBS/SY/IN
DENSITY TEST METHOD:	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/QA Specification.

FILE = S:\Projects\116606\eh13\as\116\Plans\Typical Sections.dgn



DESIGNED -	J.M.K.	REVISED -	
CHECKED -	G.F.S.	REVISED -	
DRAWN -	J.M.K.	REVISED -	
CHECKED -	G.F.S.	REVISED -	

**LASALLE COUNTY  
C.H. 13 OVER TOMAHAWK CREEK  
STATION 20+00**

**TYPICAL SECTIONS  
STRUCTURE NO. 050-3604**

SHEET NO. 1 OF 3 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
260	10-00651-00-BR	LASALLE	51	08
WHA* 1156D08		CONTRACT NO. 87466		
ILLINOIS FED. AID PROJECT BRS-0260105				