



**PROPOSED TYPICAL SECTION  
DIVISION ST.**

STA. 102+55.14 TO STA. 102+96.24  
STA. 103+46.87 TO STA. 103+90.14

DIVISION ST. STRUCTURAL PAVEMENT DESIGN	
STRUCTURAL DESIGN TRAFFIC (S.D.T.) YEAR 2012	
PV = 458	SU = 37 MU = 26
CLASS III ROAD	
SUB-GRADE SUPPORT RATING: POOR	
PERCENT OF S.D.T. IN DESIGN LANE: 50%	
TRAFFIC FACTOR = 0.14	
PAVEMENT STRUCTURE MATERIALS RECONSTRUCTION:	
SURFACE COURSE TYPE:	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
BASE COURSE TYPE:	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
SUB-BASE TYPE:	AGGREGATE SUBGRADE IMPROVEMENT 12"

LOCATION: DIVISION ST.			
	HOT-MIX ASPHALT BINDER	HOT-MIX ASPHALT LEVELING BINDER	HOT-MIX ASPHALT SURFACE
PG GRADE	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS	4% @ N50	4% @ N50	4% @ N50
MIXTURE COMPOSITION	IL-19.0	IL-9.5	IL-9.5
FRICTION AGGREGATE	N/A	N/A	MIX "C"
DENSITY TEST METHOD	CORES	SATISFACTION OF ENGINEER	CORES

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SQ YD/IN.

(SEE STRUCTURE PLANS FOR TYPICAL SECTION.)

**PROPOSED STRUCTURE TYPICAL SECTION  
DIVISION ST.**

STA. 102+96.24 TO STA. 103+46.87

FILE NAME = v:\3844\3844\802.dgn	USER NAME = bdeoraene	DESIGNED -	REVISIONS -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DIVISION ST. PROPOSED TYPICAL SECTIONS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN -	REVISIONS -			N/A	11-00692-00-DR	LA SALLE	15	5		
		CHECKED -	REVISIONS -			SCALE: N/A		SHEET NO. 2 OF 2 SHEETS		STA. N/A	TO STA. N/A	FED. ROAD DIST. NO. 7 (ILLINOIS)
		DATE -	REVISIONS -					FED. AID PROJECT BRM-5066(017)				