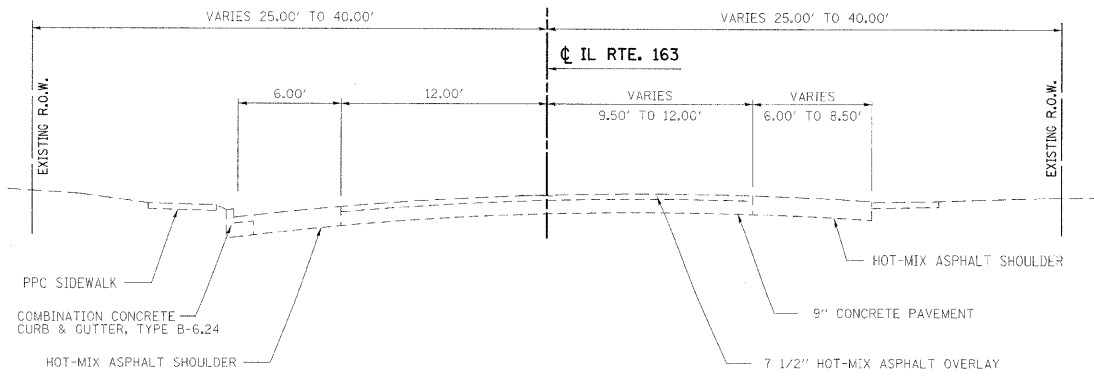
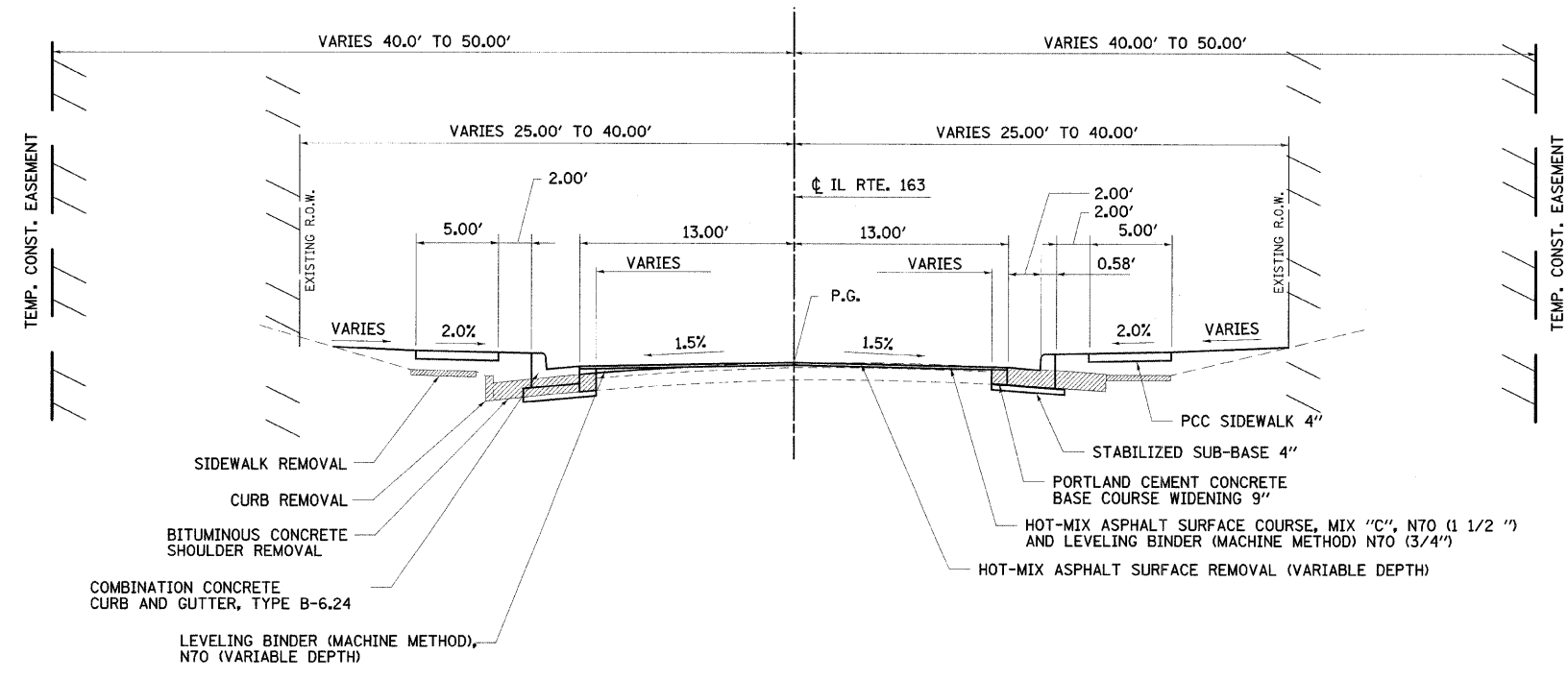


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
609	***	ST. CLAIR	350	7
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
***76RS-3, 76-2BR-21				



HMA MIXTURE REQUIREMENTS					
ADT (CONSTRUCTION YR):	4000				
MU%:	6				
SU%:	6				
20 YR. ESAL'S:	1.61				
MIXTURE USE	SURFACE	LEVEL BINDER	BINDER / PATCHING	INCIDENTAL SURFACE	PARTIAL DEPTH PATCH
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%	15%	10%	10%
DESIGN AIR Voids	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)					
FRICTION AGG	MIXTURE "C"	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"	MIXTURE "C"
MIXTURE USE	SHOULDERS	TOP LIFT SHOULDERS			
AC/PG	PG 58-22	PG 58-22			
RAP % (MAX)	30%	30%			
DESIGN AIR Voids	2.0% @ Ndes=30	** 2.0% @ Ndes=30			
MIX COMPOSITION (GRADATION MIXTURE)					
FRICTION AGG	BAM	BAM			

** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.



ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

FAP 609 (IL RTE. 163)
SECTION 76RS-3, 76-2BR-21
ST. CLAIR COUNTY

SCALE: VERT. _____
HORIZ. _____
DATE: 11/25/02

DRAWN BY: VERENSKI
DESIGNED BY: BOTT
CHECKED BY: EMRICK

REVISIONS

NAME	DATE
IDOT REVIEW	03/08
IDOT REVIEW	09/08

GREENE & BRADFORD, INC.
CONSULTING ENGINEERS
OF REGISTERED PROFESSIONAL ENGINEERS
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SPRINGFIELD, ILLINOIS 62761
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WWW.GREENE-AND-BRADFORD.COM

COMPUTER FILE NO.
TYP_01.V8

PROJECT 02076
12/20/07-MDS

DESIGN	INT.	DATE	REASON

PLOTS & CHECKS	INT.	DATE	NO.	REASON

CHECKS	INT.	DATE	REASON