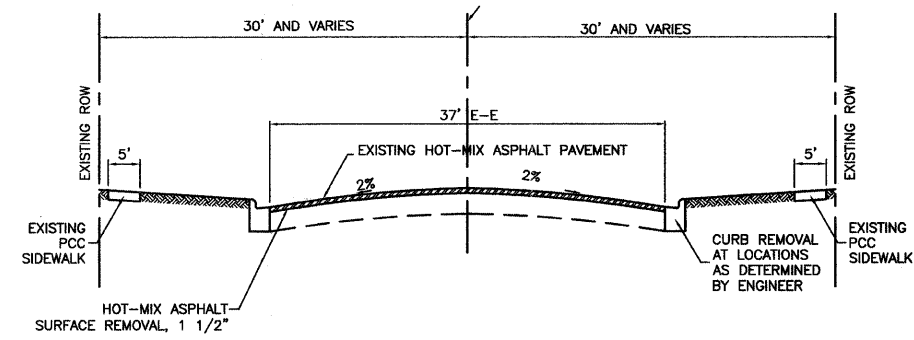
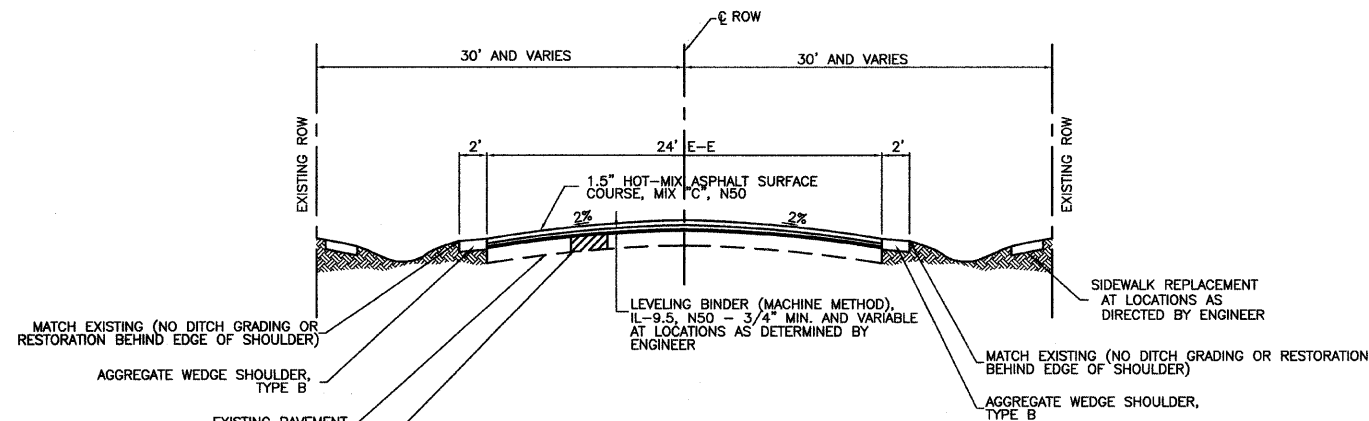


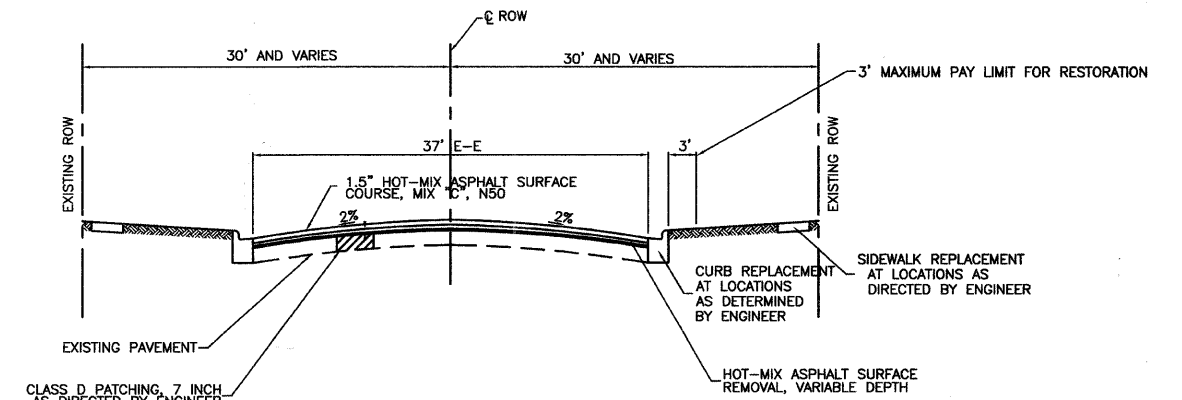
EXISTING TYPICAL CROSS SECTION
 ELM STREET: FROM THE WEST RADIUS RETURN AT 8TH STREET TO THE PAVEMENT JOINT 1645 FEET EAST
 8TH STREET: FROM THE SOUTH RADIUS RETURN AT EAST OAK STREET TO THE SOUTH EDGE OF PAVEMENT AT ELM STREET



EXISTING TYPICAL CROSS SECTION
 5TH STREET: FROM NORTH RADIUS RETURN AT WALNUT STREET TO THE SOUTH RADIUS RETURN AT OAK STREET
 5TH STREET: FROM SOUTH RADIUS RETURN AT ASH STREET TO THE SOUTH EDGE OF PAVEMENT AT ELM STREET



PROPOSED TYPICAL CROSS SECTION
 ELM STREET: FROM THE WEST RADIUS RETURN AT 8TH STREET TO THE PAVEMENT JOINT 1645 FEET EAST
 8TH STREET: FROM THE SOUTH RADIUS RETURN AT EAST OAK STREET TO THE SOUTH EDGE OF PAVEMENT AT ELM STREET



PROPOSED TYPICAL CROSS SECTION
 5TH STREET: FROM NORTH RADIUS RETURN AT WALNUT STREET TO THE SOUTH RADIUS RETURN AT OAK STREET
 5TH STREET: FROM SOUTH RADIUS RETURN AT ASH STREET TO THE SOUTH EDGE OF PAVEMENT AT ELM STREET

HOT-MIX ASPHALT MIX DESIGN CHART

	HMA BINDER (PATCHES)	HMA LEVEL BINDER	HMA SURFACE
PG GRADE	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4% @ N50	4% @ N50	4% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.5 OR IL 9.5
FRICTION AGGREGATE			
DENSITY TEST METHOD	CORES	SATISFACTION OF ENGINEER	CORES

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 *WHEN RAP EXCEEDS 20%, ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.