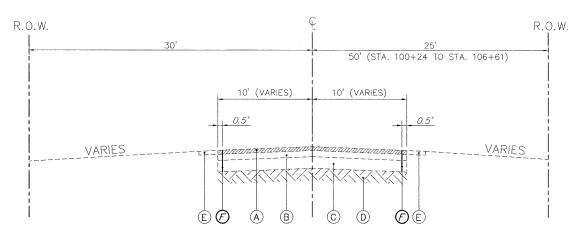


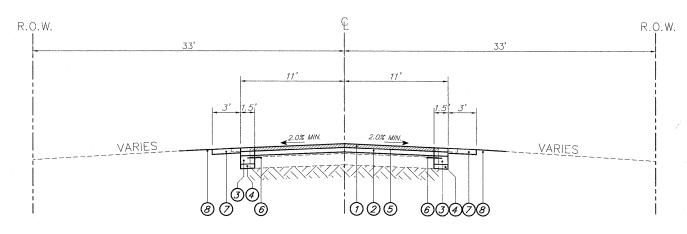
EXISTING TYPICAL CROSS SECTION

DUFFY LANE Q OF WILMOT ROAD TO 400' WEST



EXISTING TYPICAL CROSS SECTION

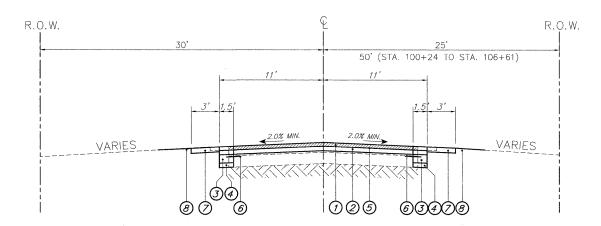
WILMOT ROAD (FAU ROUTE 2718) STA. 100+24.39 (NORTH AVENUE) TO STA. 141+25.55 (TELEGRAPH ROAD)



PROPOSED TYPICAL CROSS SECTION

DUFFY LANE & OF WILMOT ROAD TO 400' WEST

NOTE: R.O.W. LIMITS ESTABLISHED BY PRESCRIPTIVE EASEMENTS IN MOST LOCATIONS



PROPOSED TYPICAL CROSS SECTION

WILMOT ROAD (FAU ROUTE 2718) STA. 100+24.39 (NORTH AVENUE) TO STA. 141+25.55 (TELEGRAPH ROAD)

NOTE: R.O.W. LIMITS ESTABLISHED BY PRESCRIPTIVE EASEMENTS IN MOST LOCATIONS

EXISTING LEGEND

- A HMA SURFACE REMOVAL, 2 1/2"
- B EXISTING HMA PAVEMENT, VARIES
- © EXISTING AGGREGATE BASE, VARIES
- D EXISTING SUBGRADE
- E EXISTING AGGREGATE SHOULDER
- F PROPOSED FULL DEPTH SAWCUT

PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, 2 1/2"
- ② HOT-MIX ASPHALT BINDER COURSE, 2 1/2"
- 3 HOT-MIX ASPHALT BASE COURSE WIDENING, 6"
- SUB-BASE GRANULAR MATERIAL TYPE "B", 4"
- AREA REFLECTIVE CRACK CONTROL TREATMENT
- 6 2' STRIP REFLECTIVE CRACK CONTROL TREATMENT
 7 PROPOSED AGGREGATE WEDGE SHOULDER, TYPE "B"
- 8 RESTORATION, 4" TOPSOIL AND SEEDING, CLASS 1A

NOTES:

- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINTS AND ROADWAY BUTT JOINTS SHALL CONSIST OF COLD MILLING BUTT JOINTS AS MARKED BY THE ENGINEER.
- $-\mathsf{DRIVEWAY}$ HMA PAVEMENT TO BE REMOVED AND REPLACED AS MARKED IN THE FIELD' BY THE ENGINEER.
- -THE INTENTION OF DRIVEWAY REMOVAL AND REPLACEMENT IS TO TRANSITION FROM PROPOSED PAVEMENT ELEVATION TO EXISTING DRIVEWAY PAVEMENT ELEVATION.
- -LIMITS OF REMOVAL SHALL NOT EXTEND PAST THE PUBLIC RIGHT-OF-WAY.
- COLD MILL EXISTING HMA SURFACE COURSE AND/OR BINDER COURSE TO A TOTAL DEPTH OF 2 1/2" AS MARKED BY THE ENGINEER.
- CLASS D PATCHES, INCLUDES REMOVAL OF SURFACE COURSE AND BINDER OR SUBBASE TO A TOTAL DEPTH OF $6^{\prime\prime}$ AS MARKED BY THE ENGINEER AND REPLACED WITH HMA AND PROPERLY PREPARED TO ACCEPT THE FINAL LIFT OF HMA SURFACE COURSE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE

AIR VOIDS

PAVEMENT RESURFACING

HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50 (IL 9.5 mm); 2.5" 4% © 50 GYR

HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50 (IL 9.5 mm); 2.5" 4% © 50 GYR

PAVEMENT WIDENING

HMA BASE COURSE (HMA BINDER IL-19 mm); 6" (2 LIFTS) 4% © 50 GYR

DRIVEWAYS

HMA SURFACE COURSE, MIX 'D', N50 (IL 9.5 mm); 3" 4% © 50 GYR

PATCHING

CLASS D PATCHES (HMA BINDER IL-19 mm) 4% © 70 GYR

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/N. HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME =	USER NAME = GW3	DESIGNED - DJG	REVISED	- 10.14.2011
8101-055 PR4.DWG		DRAWN - GW3	REVISED	- 10.28.2011
	PLOT SCALE = 1:1	CHECKED - DJG	REVISED	-
	PLOT DATE = 8/24/2011	DATE - 08.24.2011	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

l	TYPICAL SECTIONS			RTE.	SECTION	COUNTY	SHEETS	NO.	
				2718	11-00012-00-RS	LAKE	40	5	
N							CONTRACT	#: 63	646
	SCALE: NONE	SHEET NO. 5 OF 40 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				