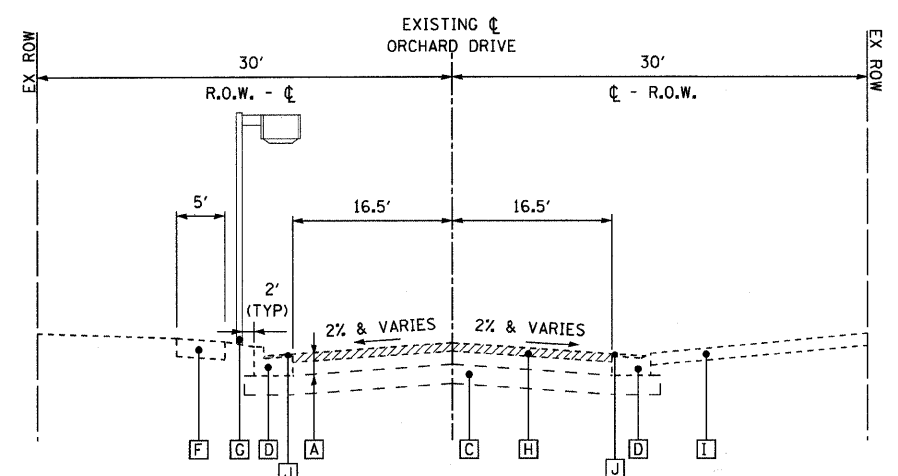
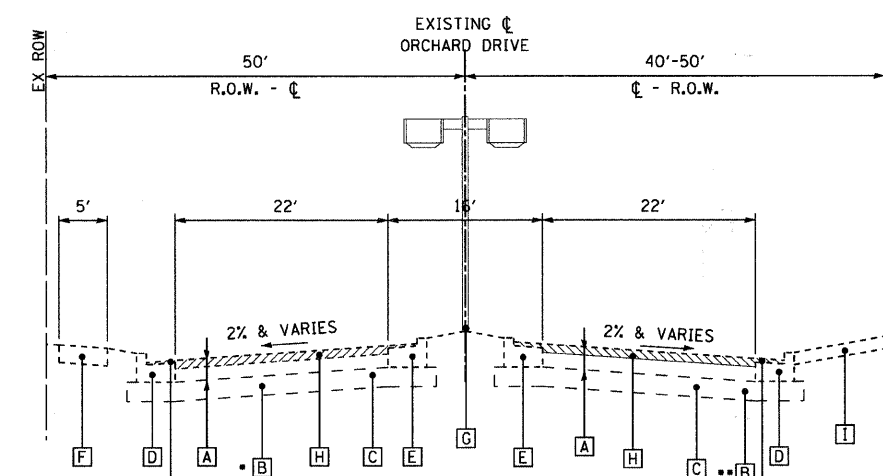


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00092-00-RS	09-00092-00-RS	COOK	18	4
STA.		TO STA.		
FED. ROAD DIST. NO	ILLINOIS	FED AID PROJECT		
C-91-743-09		ARA-900315371		

FAU 2836 ORCHARD DRIVE
CONTRACT NO. 63310

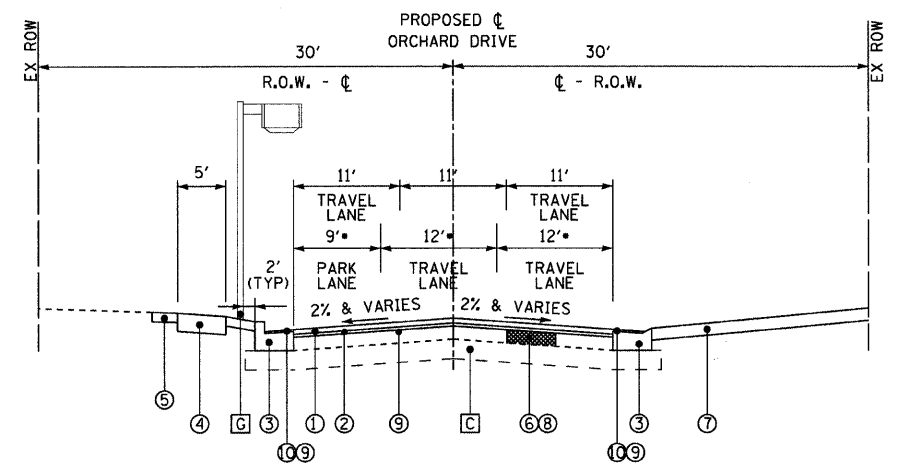


**EXISTING TYPICAL SECTION
ORCHARD DRIVE
STA 101+00 TO STA 117+80**

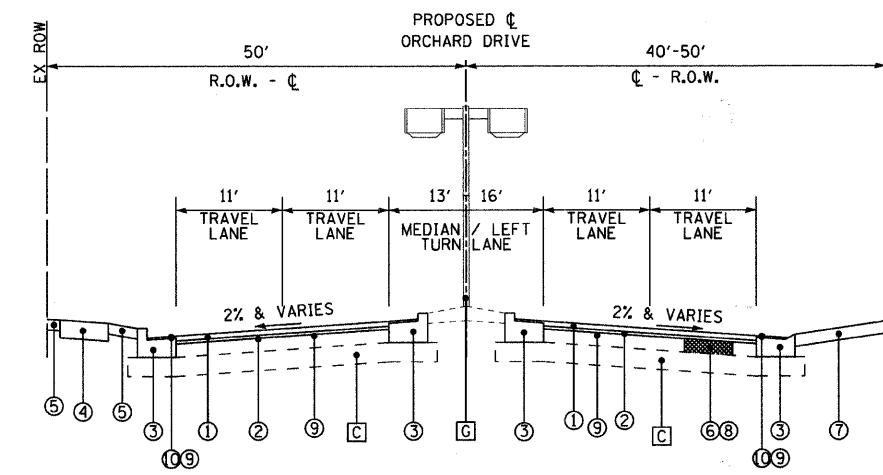


**EXISTING TYPICAL SECTION
ORCHARD DRIVE
STA 117+80 TO STA 132+18**

(SEE PAVEMENT CORE BORING 10 AT STA 128+45, 27' LT)
** (SEE BORING 9 AT STA 125+50, 27' RT)



**PROPOSED TYPICAL SECTION
ORCHARD DRIVE
STA 101+00 TO STA 117+80
* PARK LANE FROM STA 108+00 TO STA 113+79**



**PROPOSED TYPICAL SECTION
ORCHARD DRIVE
STA 117+80 TO STA 132+18**

LEGEND

- EXISTING**
- A HMA PAVEMENT (VARIES 5"-7")
 - B PCC BASE COURSE (AVG. DEPTH 8")
 - C AGGREGATE BASE COURSE (VARIES 6"-11")
 - D COMBINATION CONCRETE CURB AND GUTTER
 - E CONCRETE CURB, TYPE B
 - F SIDEWALK
 - G STREET LIGHT
 - H HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - I DRIVEWAY
 - J HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)

- PROPOSED**
- 1 HMA SURFACE COURSE, MIX "D", N50 - 1 1/2"
 - 2 LEVELING BINDER (MACHINE METHOD), N50 - 3/4" (MIN)
 - 3 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY ENGINEER)
 - 4 SIDEWALK REMOVAL
PCC SIDEWALK, 5-INCH
AGGREGATE BASE COURSE TYPE B, 4" (AS DETERMINED BY ENGINEER)
 - 5 PARKWAY RESTORATION (INCIDENTAL TO COMBINATION CONCRETE CURB AND GUTTER AND PCC SIDEWALK, 5-INCH)
 - 6 PAVEMENT PATCHING (FULL DEPTH)
 - 7 DRIVEWAY REMOVE AND REPLACE (AS DETERMINED BY THE ENGINEER)
 - 8 PREPARATION OF BASE AND AGGREGATE BASE REPAIR (SPECIAL)
 - 9 MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS
 - 10 STRIP REFLECTIVE CRACK CONTROL TREATMENT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

ITEM	AIR VOIDS @ Ndes
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2 INCH (IL-9.5 mm)	4% @ 50 Gyr
LEVELING BINDER (MACHINE METHOD) N50 - 3/4" (IL-9.5 mm)	4% @ 50 Gyr
PATCHING	
PAVEMENT PATCHING (FULL DEPTH) (HMA BINDER IL-19 mm)	4% @ 70 Gyr
DRIVEWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50-3" (IL-9.5 mm)	4% @ 50 Gyr

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/50 YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22 AND FOR NON-POLYMERIZED 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.

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 STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 021-0017209
 PROJECT: FAU 2836 ORCHARD DRIVE LAPP RESURFACING
 DRAWING: 09-00092-00-RS
 DATE: 5-22-09
 FILE: 090388-ExTypSec.sht



DESIGNED - JGH/CAC	REVISED - PER IDOT 10-06-09
DRAWN - BCD	REVISED -
CHECKED - NJP	REVISED -
DATE - 5-22-09	FILE - 090388-ExTypSec.sht

**VILLAGE OF PARK FOREST, ILLINOIS
FAU 2836 ORCHARD DRIVE LAPP RESURFACING
SECTION 09-00092-00-RS**

**TYPICAL SECTIONS AND
HMA MIXTURE REQUIREMENTS**

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00092-00-RS	09-00092-00-RS	COOK	18	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED AID PROJECT		
		CONTRACT NO. 63310		