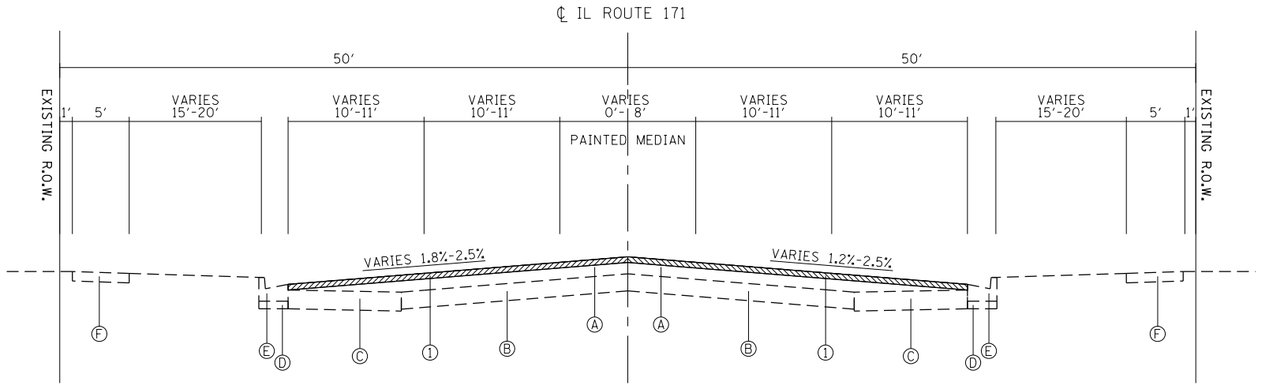
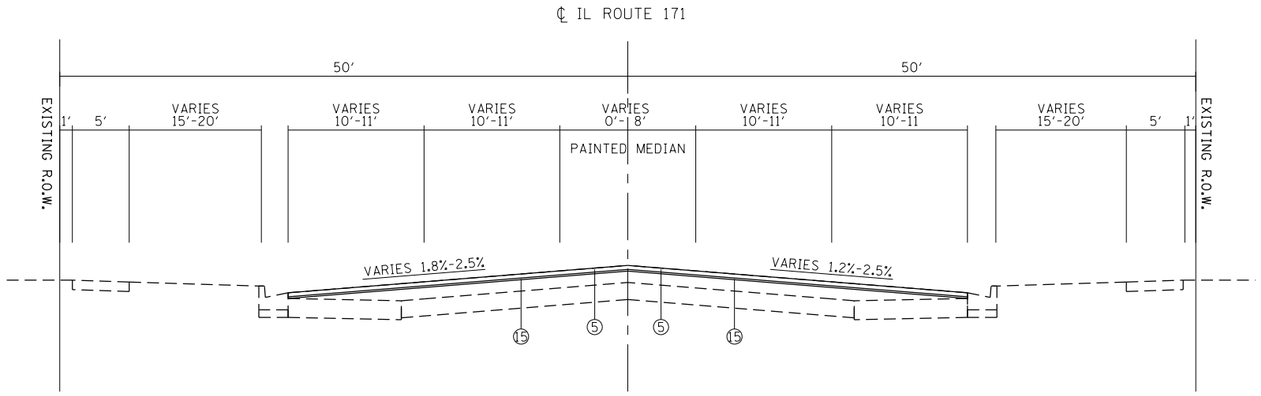


EXISTING TYPICAL SECTION

STA. 35+00 TO 37+40



PROPOSED TYPICAL SECTION

STA. 35+00 TO 37+40

EXISTING LEGEND:

Ⓐ HMA SURFACE & BINDER COURSE, ± 10″
Ⓑ PCC PAVEMENT, ± 9″
Ⓒ HMA BASE COURSE, ± 10″
Ⓓ SUBBASE GRANULAR MATERIAL, 4″
Ⓔ COMB. CONC. CURB & GUTTER, TYPE B-6.24
Ⓕ PCC SIDEWALK

PROPOSED LEGEND:

① HMA SURFACE REMOVAL, 2½″
② PAVEMENT REMOVAL
③ COMB. CONC. CURB & GUTTER REMOVAL
④ SIDEWALK REMOVAL
⑤ POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1¾″
⑥ HMA BASE COURSE WIDENING, 9½″
⑦ AGGREGATE SUBGRADE IMPROVEMENT, 12″
⑧ COMB. CONC. CURB & GUTTER, TYPE B-6.18
⑨ SUBBASE GRANULAR MATERIAL, TYPE B, 6″
⑩ HMA SURFACE COURSE, MIX "D", N50, (IL 9.5 mm), 2″
⑪ AGGREGATE BASE COURSE, TYPE B, 6″
⑫ PCC SIDEWALK, 5″
⑬ SODDING & TOPSOIL 4″
⑭ PIPE UNDERDRAIN, 4″
⑮ POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, ¾″

NOTE: THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE TYPE	AIR VOIDS @ N_{DES}	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING	POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL-9.5 mm)	4% @ 90 GYR	QCP
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR	QC/QA
PAVEMENT WIDENING	POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL-9.5 mm)	4% @ 90 GYR	QCP
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR	QC/QA
	HMA BASE COURSE WIDENING, 5″ & 9½″ (HMA BINDER IL-19.0)	4% @ 70 GYR	QC/QA
HMA DRIVEWAY	HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2″	4% @ 50 GYR	QC/QA
	HMA BASE COURSE (HMA BINDER IL-19 mm); PE - 6″, CE - 8″	4% @ 50 GYR	QC/QA
SHARED-USE PATH	HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2″	4% @ 50 GYR	QC/QA
PATCHING	CLASS D PATCHES, (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/QA
	HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)			

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURES IS 112 LBS/SQ YD/IN.

NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QCP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

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Default	PLOT DATE = 3/31/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. ROUTE 171 AT FOREST AVE./RIDGEWOOD RD.
TYPICAL SECTIONS – IL. ROUTE 171

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	0303S-TS	COOK	87	16
		CONTRACT NO. 60X08		
		ILLINOIS	FED. AID PROJECT	