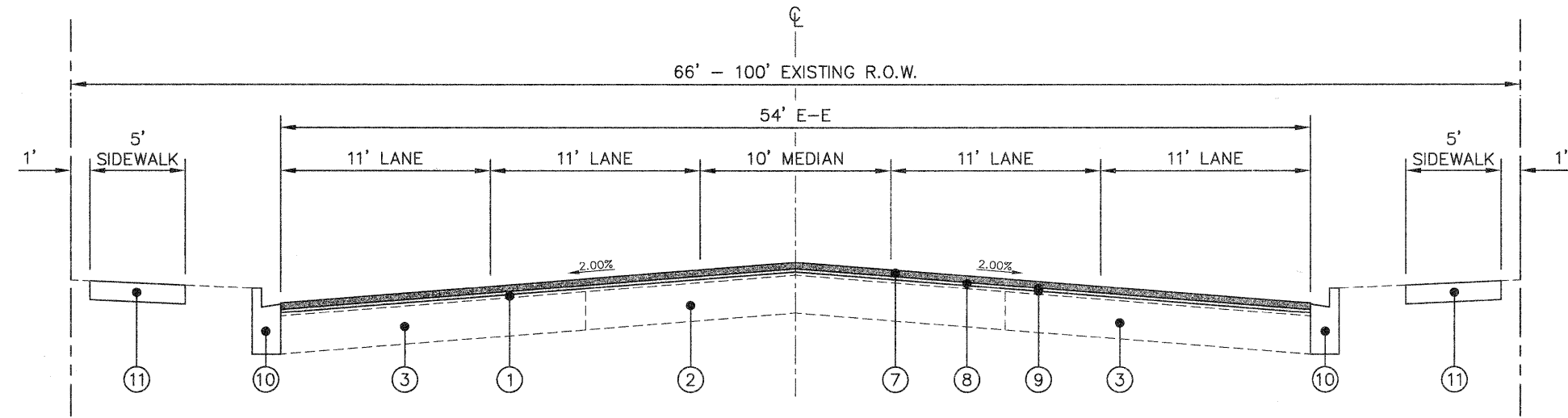


EXISTING TYPICAL SECTION
FROM STA 34+41 TO STA 51+00, DOUGLAS ROAD
N.T.S.



PROPOSED TYPICAL SECTION
FROM STA 34+41 TO STA 51+00, DOUGLAS ROAD
N.T.S.

LEGEND	
① EXISTING 2.75" TO 5.75" ASPHALT SURFACE COURSE**	⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0"
② EXISTING 8" TO 12" AGGREGATE BASE COURSE	⑧ LEVELING BINDER (MACHINE METHOD), N70, 1.0"
③ EXISTING 7" TO 9" ASPHALT BASE COURSE	⑨ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
④ EXISTING B-6.12 COMBINATION CONCRETE CURB AND GUTTER	⑩ COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AT VARIOUS LOCATIONS)
⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"	⑪ PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL AND REPLACEMENT (AT VARIOUS LOCATIONS)
⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 3"	

** ASPHALT SURFACE COURSE THICKNESS IS 5.75" OVER AREAS OF AGGREGATE BASE COURSE AND 2.75" OVER AREAS OF ASPHALT BASE COURSE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
LEVELING BINDER (MACHINE METHOD), N70, (IL-9.5mm)	4% @ 70 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm)	4% @ 70 Gyr.
HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT HMA SURFACE COURSE, MIX "C", N50, (IL-9.5mm); 2" HMA BASE COURSE (HMA BINDER IL-19mm); 3"	4% @ 50 Gyr. 4% @ 50 Gyr.
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. FOR "AC TYPE" AND "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS. PATCHING SHALL BE PERFORMED AFTER MILLING OPERATIONS.

Plotted: August 13, 2009 @ 11:08 AM By: Kris Ping - Tab: 04_X-Sections 22x34

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VILLAGE OF MONTGOMERY
Kane & Kendall Counties, Illinois

NO.	DATE	REVISIONS

DOUGLAS ROAD
LAPP IMPROVEMENTS

TYPICAL EXISTING AND PROPOSED
CROSS SECTIONS AND HOT-MIX ASPHALT
MIXTURE REQUIREMENT TABLE

DATE: AUGUST 2009
PROJECT NO: M00762
FILE: M00762-CVR
SHEET **4** OF **17**

Path: H:\S\K\K\09\MO0762\DWG\DWG_FINAL\ENG\M00762-CVR