

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
ROADWAY NAME	MIXTURE TYPE	AC TYPE	AIR VOIDS
WESTERN AVENUE	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	SBS/SBR PG 70-22	4% @ 90 GYR
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/22	4% @ 50 GYR
	CLASS D PATCHES (HMA BINDER, IL-19)	* PG 64-22	4% @ 70 GYR.
	HMA REPLACEMENT OVER PATCHES (HMA BINDER, IL-19)	* PG 64-22	4% @ 70 GYR.

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

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

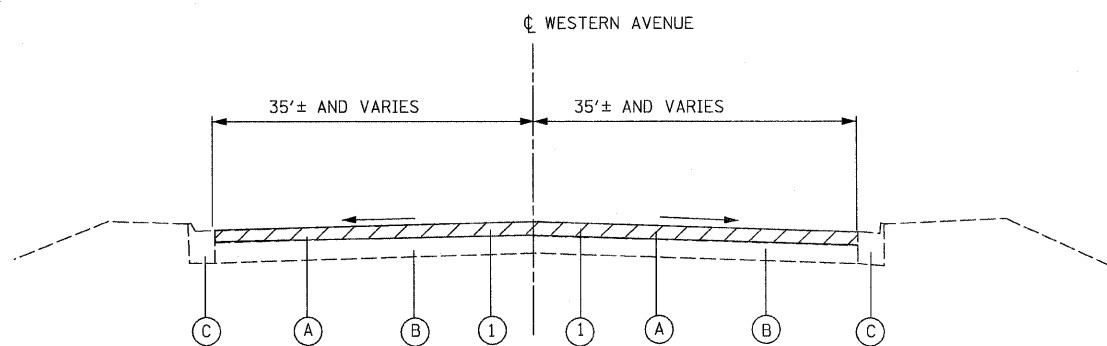
BITUMINOUS MATERIALS (PRIME COAT) 0.100 GAL / SQ YD
BITUMINOUS MATERIALS (AGGREGATE) 4 LBS / SQ YD

EXISTING CONDITIONS:

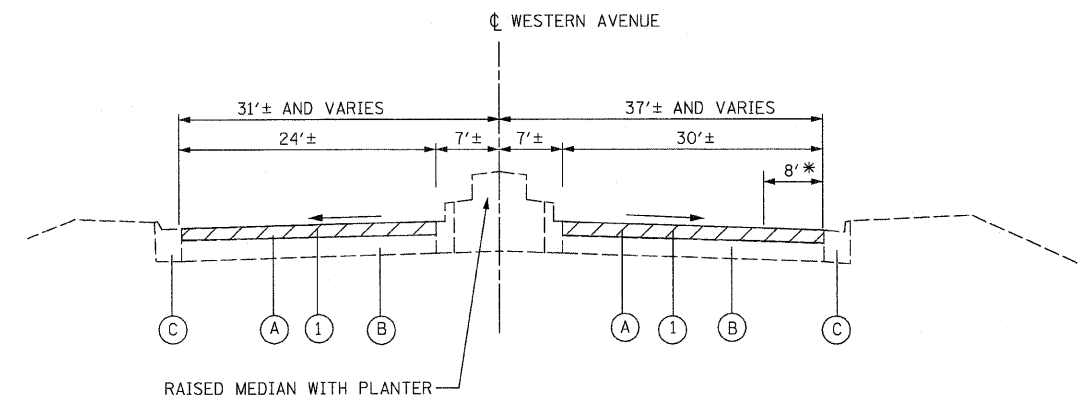
- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 4" & VARIES
- (B) EXISTING PAVEMENT, 9" & VARIES
- (C) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12

PROPOSED IMPROVEMENTS:

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- (2) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (4) COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)

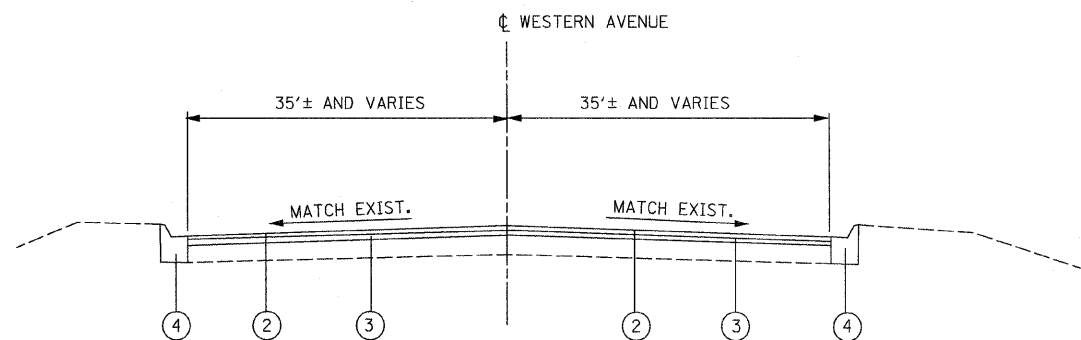


EXISTING TYPICAL SECTION
STA. 14+42 TO STA. 50+00

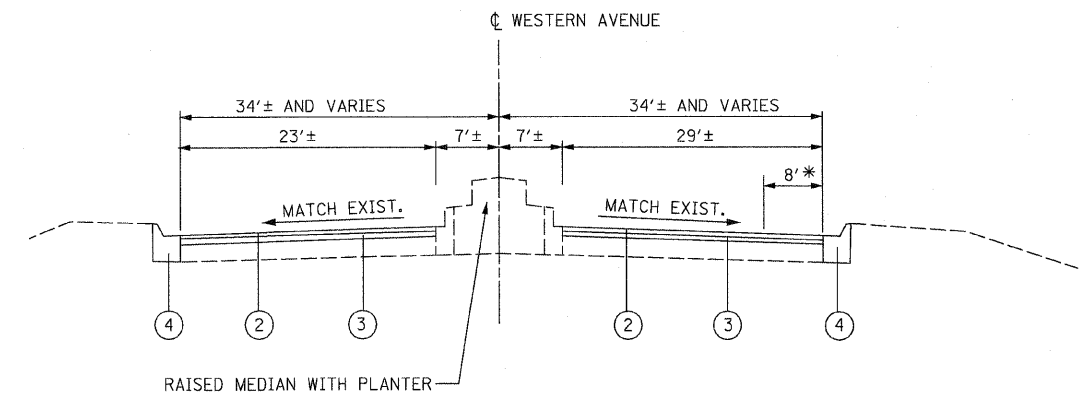


EXISTING TYPICAL SECTION
STA. 50+00 TO STA. 94+54

* SEE PLANS FOR PARKING LANE LIMITS



PROPOSED TYPICAL SECTION
STA. 14+42 TO STA. 50+00



PROPOSED TYPICAL SECTION
STA. 50+00 TO STA. 94+54

* SEE PLANS FOR PARKING LANE LIMITS

FILE NAME = D:\60E29-shr-typ001.dgn
PLOT DATE = 1/12/2009

CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
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DESIGNED - K.R.K.	REVISED -
DRAWN - A.C.S.	REVISED -
CHECKED - S.J.P.	REVISED -
DATE - JANUARY 12, 2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS WESTERN AVENUE			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE. 370	SECTION 2008-005 RS	COUNTY COOK	TOTAL SHEETS 22	SHEET NO. 4
CONTRACT NO. 60E29				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				