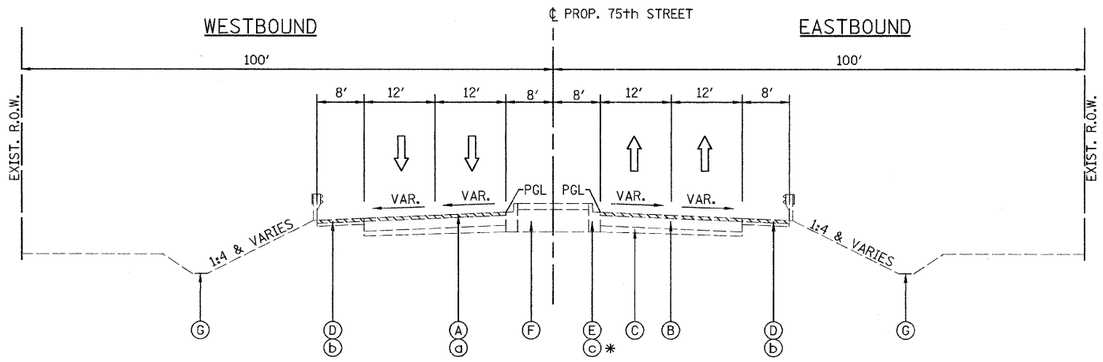


EXISTING TYPICAL SECTION

STA. 15+22.79 TO STA. 22+52.79, 75th STREET
STA. 24+31.00 TO STA. 37+92.24, 75th STREET

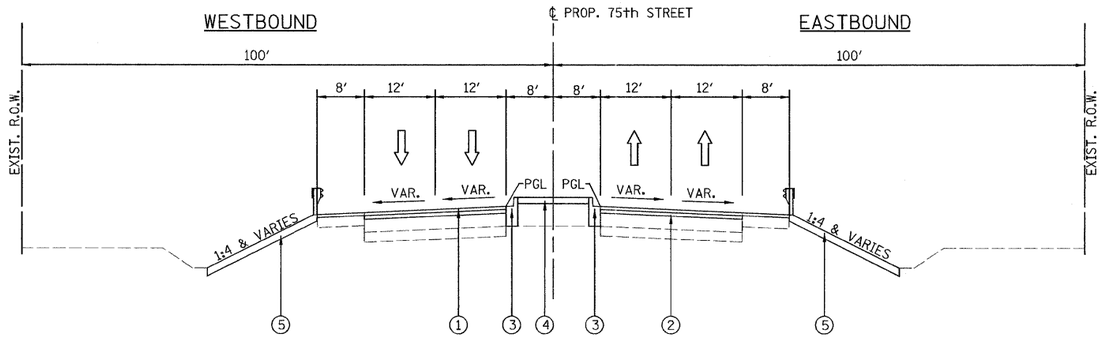
(BRIDGE LOCATION (SEE STRUCTURAL PLAN)
STA. 22+52.79 TO 24+31.00)

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE & BINDER COURSE, 3″±
- (B) HMA BASE COURSE, 12″±
- (C) AGGREGATE SUBGRADE, 4″±
- (D) HMA SHOULDER, 8″
- (E) COMB. CONC. CURB & GUTTER, TYPE B-6.12
- (F) LANDSCAPED/P.C.C. MEDIAN
- (G) SWALE/DITCH

REMOVAL LEGEND

- (a) HMA SURFACE REMOVAL, 2½″
- (b) HMA SURFACE REMOVAL, 1¾″
- (c) COMB. CONC. C&G REM. ✱



PROPOSED TYPICAL SECTION

STA. 15+22.79 TO STA. 22+52.79, 75th STREET
STA. 24+31.00 TO STA. 37+92.24, 75th STREET

✱ FOR LIMITS OF MEDIAN AND CURB & GUTTER REMOVAL, REFER TO PLAN & PROFILE SHEETS.

PROPOSED LEGEND

1. POLY HMA SURF CRS, MIX "F", N90, IL-9.5, 1¾″
2. POLY LEV BIND (MM), N50, IL-4.75, ¾″
3. COMB. CONC. C&G, TYPE B-6.12
4. LANDSCAPE MEDIAN (SEEDING, CLASS 2A, 6″ TOPSOIL)
5. SEEDING CLASS A, 6″ TOPSOIL

PAVEMENT DESIGN DATA

STRUCTURAL DESIGN TRAFFIC: YEAR 2011
PV: 33,400 SU: 145 MU: 105

ROAD/STREET CLASSIFICATION: CLASS II

PERCENT TRAFFIC IN DESIGN LANE:
P: 40% S: 40% M: 35%

TRAFFIC FACTOR: ACTUAL TF = 1.45

STRUCTURAL NUMBER:

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIX TYPE	THICKNESS	VOIDS
ROADWAY (RESURFACING) - 75TH STREET		
POLY HMA SURFACE COURSE, MIX "F", N90, IL 9.5 mm, 1¾″	1¾″	4% @ 90 GYR
POLY LEVELING BINDER COURSE (MM), IL-4.75 mm, N50, ¾″	¾″	4% @ 50 GYR
ROADWAY (APPROACH PAVEMENT CONNECTOR) - 75TH STREET		
POLY HMA SURFACE COURSE, MIX "F", N90, IL 9.5 mm, 1¾″	1¾″	4% @ 90 GYR
POLY LEVELING BINDER COURSE (MM), IL-4.75 mm, N50, ¾″	¾″	4% @ 50 GYR
HMA BASE COURSE, IL-19 mm, 12″	12″	4% @ 50 GYR
PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm)	9¾″	4% @ 70 GYR
HMA REPLACEMENT OVER PATCHES	2¼″	4% @ 70 GYR
TEMPORARY PAVEMENT		
HMA SURFACE COURSE, MIX "D", N50, IL 9.5 mm, 2″	2″	4% @ 50 GYR
TEMP PAVEMENT, HMA BINDER IL-19 mm, 8″	8″	4% @ 50 GYR
SHOULDERS (RESURFACING)		
POLY HMA SURFACE COURSE, MIX "F", N90, IL 9.5 mm, 1¾″	1¾″	4% @ 90 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQYD/IN.

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 PERCENT OF RAP SEE SPECIAL PROVISIONS

USER NAME = dsypien(Lisle)	DESIGNED - JAC	REVISED -	
PLOT CONFIG= PDF(Grey_Large).plt	DRAWN - JAC	REVISED -	
PLOT SCALE = 1:12.5	CHECKED - DES	REVISED -	
PLOT DATE = 1/19/2012	DATE - 12-19-2011	REVISED -	

PATRICK ENGINEERING
PATRICK ENGINEERING INC.
4970 VARSITY DRIVE
LISLE, IL 60532
patrickengineering.com

DUPAGE COUNTY
DIVISION OF TRANSPORTATION

TYPICAL SECTIONS
75TH STREET OVER EAST BRANCH DUPAGE RIVER

SCALE: NONE | SHEET * OF * | STA. | TO STA.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	08-00162-03-BR	DUPAGE	58	5
		CONTRACT NO. 63662		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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