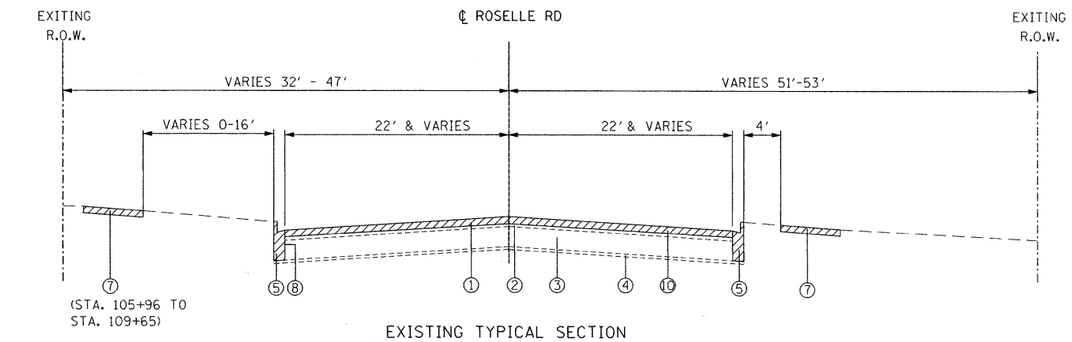
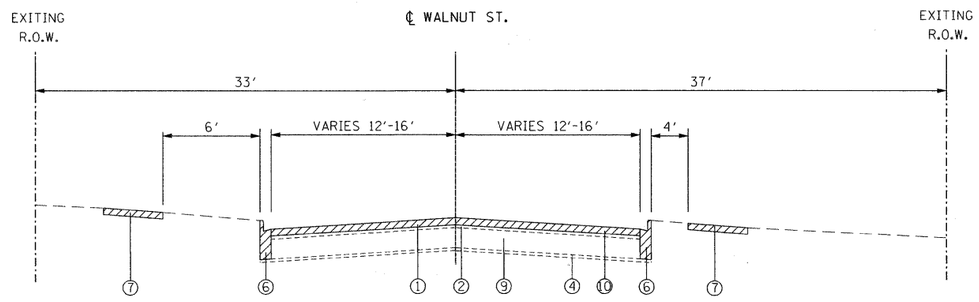
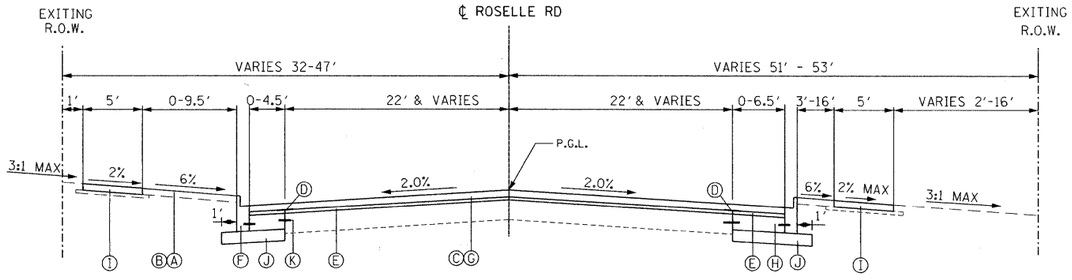


(STA. 105+96 TO STA. 109+65)

EXISTING TYPICAL SECTION
STA. 105+83 TO STA. 113+70.3

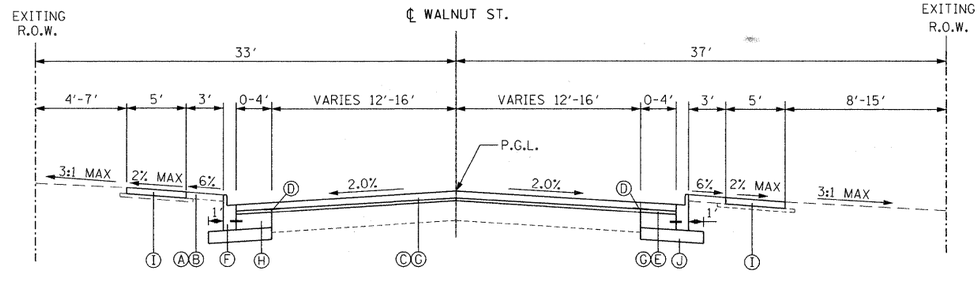


EXISTING TYPICAL SECTION
STA. 201+54 TO STA. 204+63



(STA. 105+96 TO STA. 109+65)

PROPOSED TYPICAL SECTION
STA. 105+83 TO STA. 113+70.3



PROPOSED TYPICAL SECTION
STA. 201+54 TO STA. 204+63

PAVEMENT DESIGN DATA

STRUCTURAL DESIGN TRAFFIC: YEAR 2030
PV= 24225 SU = 765 MU = 510

ROAD/STREET CLASSFICATION: CLASS I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 32% S = 45% M = 45%

TRAFFIC FACTOR: ACTUAL TF = 4.21
MINIMUM TF = 6.02

STRUCTURE NUMBER (SNc) = 5.44

LEGEND

EXISTING CONDITIONS

① EXISTING HMA SURFACE, 1 1/2"
② EXISTING HMA BINDER COURSE, 1 1/2"
③ EXISTING PCC BASE, 8"
④ EXISTING SUB-BASE GRANULAR MATERIAL
⑤ EXISTING B-6.18 CONCRETE CURB AND GUTTER
⑥ EXISTING B-6.12 CONCRETE CURB AND GUTTER
⑦ EXISTING PCC SIDEWALK
⑧ EXISTING TIE BARS
⑨ EXISTING HMA BASE
⑩ HMA SURFACE REMOVAL 3"

REMOVAL

PROPOSED CONDITIONS

Ⓐ SODDING, SALT TOLERANT
Ⓑ TOPSOIL, FURNISH AND PLACE, (6")
Ⓒ HMA SURFACE COURSE, MIX "D", N70, 2"
Ⓓ STRIP REFLECTIVE CRACK CONTROL TREATMENT
Ⓔ POLYMERIZED LEVELING BINDER, (MACHINE METHOD), IL-4.75, N50, 1"
Ⓕ COMBINATION CONCRETE CURB AND GUTTER, B-6.18
Ⓖ BITUMINOUS MATERIAL (PRIME COAT) AND AGGREGATE (PRIME COAT)
Ⓗ PCC BASE COURSE 8"
Ⓘ PCC SIDEWALK, 5"
Ⓙ AGGREGATE SUBGRADE, 16"
Ⓚ TIE BARS (SEE NOTE 3)

NOTES

1. THE CONTRACTOR SHALL PERFORM THE PAVEMENT PATCHING OPERATIONS PRIOR TO THE HMA SURFACE REMOVAL OPERATION. SEE IDOT DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22) FOR ADDITIONAL INFORMATION.
2. CLASS B PATCHING PERFORMED THROUGHOUT CONCRETE SECTION ONLY.
3. TIE BARS SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR THE PORTLAND CEMENT CONCRETE ITEM INVOLVED.

HOT MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (DRIVEWAY)	4% @ 50 GYR.
PATCHING	4% @ 70 GYR.
CLASS D PATCHES (HMA BINDER IL-19 MM)	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19MM)	

MIXTURE NOTES:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN
2. THE "AC TYPE" FOR POLYMERZED HMA MIXES SHALL BE "SBS/SBR PG70-22" 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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PLOT SCALE = 12.0000 ' / IN.
USER NAME = Millennia Professional Services

200 22ND Street, Suite 216, Lombard, IL 60148
630.705.0110 voice, 630.839.2566 fax
www.mps-il.com
MILLENNIA PROFESSIONAL SERVICES

DESIGNED - CJD		REVISED -
DRAWN - CJD		REVISED -
CHECKED - TVN		REVISED -
DATE - 5/20/2011		REVISED -

DUPAGE COUNTY DEPARTMENT OF TRANSPORTATION

ROSELLE RD. & WALNUT ST.
INTERSECTION IMPROVEMENTS

TYPICAL SECTIONS

SCALE: NTS | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
364	07-00184-12-CH	DUPAGE	49	7
		CONTRACT NO. 63611		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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