

PR & EX C

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12′-15′ VARIES

PROPOSED TYPICAL SECTION EAST WONDER LAKE ROAD

STA 102+36 TO STA 146+24

PROPOSED TYPICAL SECTION THOMPSON ROAD

34

12'-15' VARIES

STA 301+00 TO STA 361+99

PROPOSED LEGEND

EXISTING LEGEND

HOT-MIX ASPHALT PAVEMENT; DEPTH 8"±

HOT-MIX ASPHALT SURFACE REMOVAL, 1 INCH

AGGREGATE SUBBASE; 12"±

AGGREGATE SHOULDERS

EXISTING GROUND

- 1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 1 ½"
- (2) LEVELING BINDER (MACHINE METHOD), N50; 3/4"
- 3) BITUMINOUS MATERIALS (PRIME COAT)
- 4 AGGREGATE (PRIME COAT)
- (as directed by the engineer)
- 6 AGGREGATE SHOULDERS, TYPE B (9% MAX SLOPE)

HOT-MIX ASPHALT MIXTURE REQUIREME	NTS
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 1 1/2"	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50 (IL-9.5mm); 3/4"	4% @ 50 GYR
PATCHING	
CLASS D PATCH, (HMA BINDER IL-19mm); 8" (PLACED IN TWO LIFTS)	4% @ 70 GYR.
DRIVEWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9,5mm); 3"	4% @ 50 GYR.

THE UNIT WEIGHT TO CALCULATE ALL HIMA SURFACE MIXTURE QUATITIES IS 112 LBS/SQ YD/IN
THE "AC TYPE" FOR POLYMERIZED HIMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED
HIMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR PERCENT OF RAP SEE DISTRICT ONE SPECIAL PROVISIONS.
THE CONTRACTOR SHALL MILL BEFORE PATCHING.

THE SURFACE COURSE SHALL BE INSTALLED 1/4" ABOVE THE GUTTER FLAG.

HRGreen	HRGreen.com Illinois Professional Design Firm # 184-001322

12'-15' VARIES

NOTES: • EX CONC GUTTER: STA 331+33 LT TO STA 332+89 LT STA 341+41 RT TO STA 344+72 RT STA 341+75 LT TO STA 343+67 LT STA 344+34 LT TO STA 345+56 LT **⑥ ①** •

USER NAME = JStrzel	DESIGNED - JJS	REVISED -
	DRAWN - JJS	REVISED -
PLOT SCALE = NTS	CHECKED - AC	REVISED -
PLOT DATE = 2/6/2012	DATE - 2/6/12	REVISED -

VILLAGE OF WONDER LAKE	
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(D) • (6)

	EAS	ST WONDER	LAKE ROAD &	& THOMPSON	ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
		•	TYPICAL SECT	IONS		4086 4081	11-00007-00-PP	MCHENRY	13	4
	SCALE: NTS	SHEET NO. 1	OF 1 SHEETS	STA. BEG	TO CTA FNO				NO.	63695
_	SCALE: NIS	SHEET NO. I	Ur I SHEE IS	SIA. BEG	TO STA. END	ILLINOIS FED. AID PROJECT				