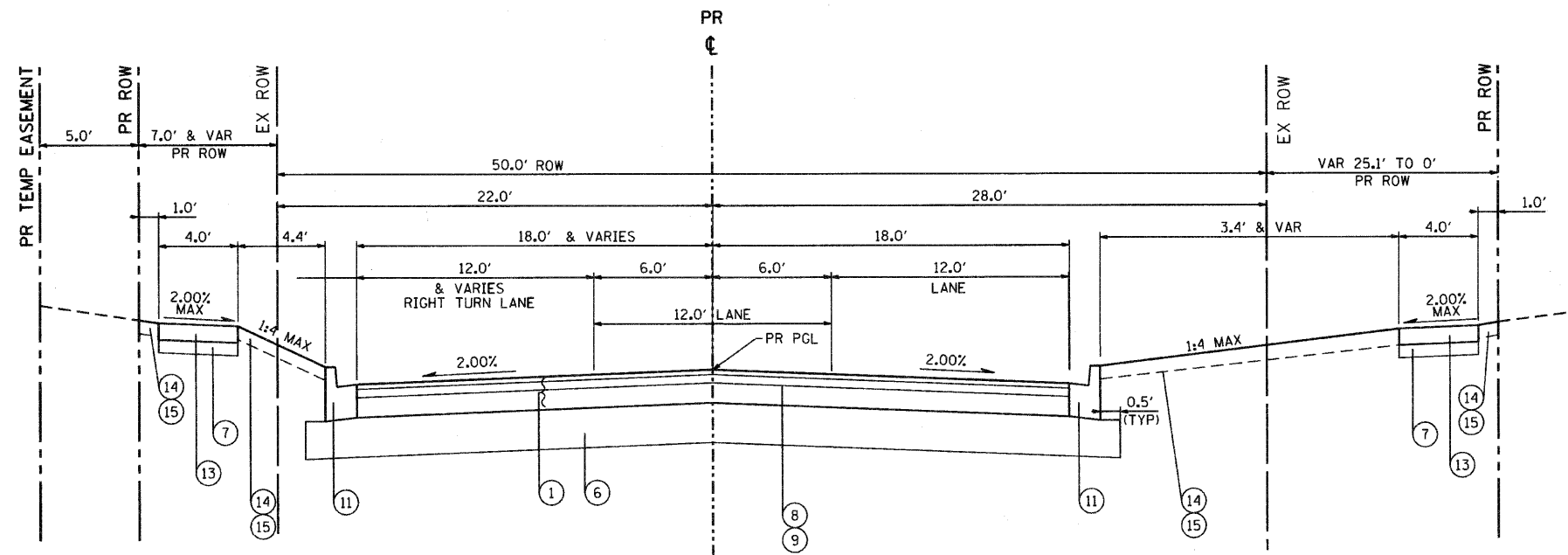


PROPOSED TYPICAL SECTION LEGEND

- ① HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- ② HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2" (IN 4 LIFTS)
- ③ HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50, 2"
- ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70, 2"
- ⑤ LEVELING BINDER (MACHINE METHOD), N70, 1" (MIN)
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ⑧ BITUMINOUS MATERIALS (PRIME COAT)
- ⑨ AGGREGATE (PRIME COAT)
- ⑩ CONCRETE CURB, TYPE B
- ⑪ COMB CONC C&G, TYPE B-6.12
- ⑫ COMB CONC C&G, TYPE B-6.24
- ⑬ PORTLAND CEMENT CONC SW, 5"
- ⑭ TOPSOIL FURNISH AND PLACE, 4"
- ⑮ SEEDING, CLASS 1B
- ⑯ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑰ AGGREGATE SHOULDERS, TYPE B, 6"
- ⑱ POROUS GRANULAR EMBANKMENT, SUBGRADE (VARIES)
- ⑲ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑳ PIPE UNDERDRAINS, 4"

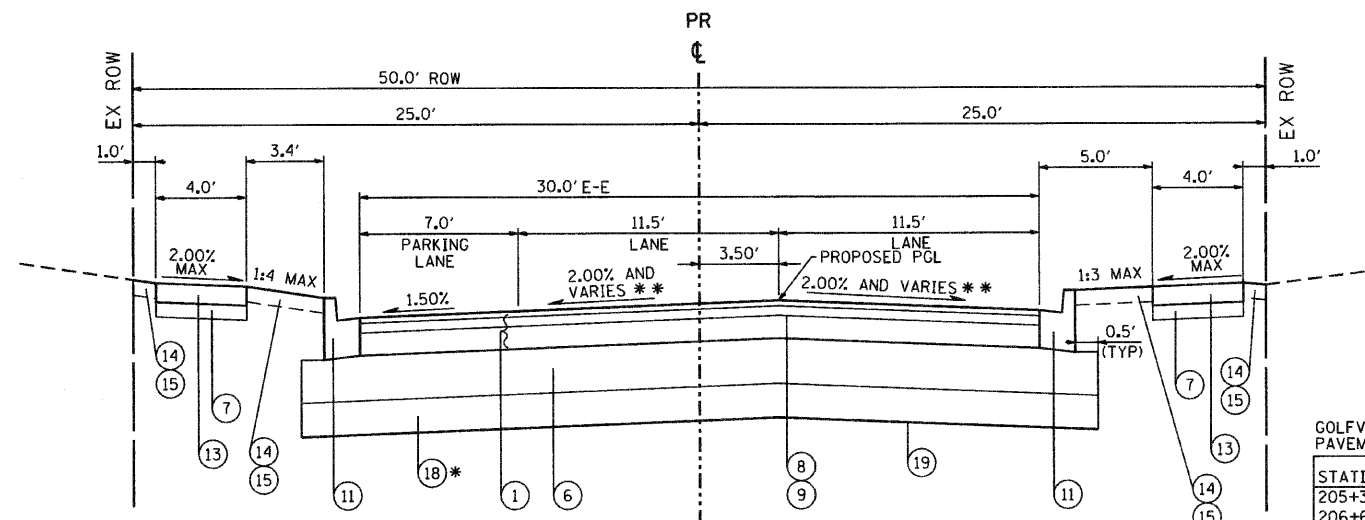


PROPOSED TYPICAL SECTION
GOLFVIEW LANE

STA 200+00.00 TO STA 205+35.18

NOTES:

1. SEE PLANS FOR PROPOSED ROW AND EASEMENT LOCATIONS
2. DEPRESSED CURB SHALL BE USED AT ALL DRIVEWAYS.
3. LOCATIONS AND DEPTHS OF PGES AND FABRIC ARE ESTIMATED. ACTUAL DEPTHS AND LOCATIONS TO BE VERIFIED IN THE FIELD DURING CONSTRUCTION
4. CONTRACTOR SHALL MILL BEFORE PATCHING.
5. HOT-MIX ASPHALT SURFACE COURSE SHALL EXTEND 1/4" ABOVE EDGE OF CURB AND GUTTER.



PROPOSED TYPICAL SECTION
GOLFVIEW LANE

STA 205+35.18 TO STA 233+73.00

- * PGES 6" STA 207+50 TO STA 212+50
- * PGES 9" STA 219+50 TO STA 222+00
- GEOTECH FABRIC STA 207+50 TO STA 212+50
- GEOTECH FABRIC STA 219+50 TO STA 222+00

** SEE PAVEMENT CROSS SLOPE TABLE

DUNDEE ROAD	
STRUCTURAL DESIGN TRAFFIC:	YEAR: 2020
PV = 16,848	SU = 176 MU = 527
ROAD/STREET CLASSIFICATION:	CLASS II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 96%	S = 1% M = 3%
TRAFFIC FACTOR:	ACTUAL T 2.25 AC TYPE = 20
	MINIMUM TF = 3.81
PG GRADE BINDER = 58-28	SURFACE 58-28
SUBGRADE SUPPORT RATING:	
SSR = POOR	(STA. 515+62 TO 532+10)
SSR =	(STA. TO)

GOLFVIEW LANE PAVEMENT CROSS SLOPE TABLE

STATION	LEFT	RIGHT
205+35.18	-2.0%	-2.0%
206+65.00	-2.0%	-2.0%
206+80.00	-1.5%	-2.5%
213+75.00	-1.5%	-2.5%
213+90.00	-2.0%	-2.0%
219+35.00	-2.0%	-2.0%
219+50.00	-2.0%	-2.5%
220+00.00	-2.0%	-2.5%
220+15.00	-2.0%	-2.0%
224+00.00	-2.0%	-2.0%
224+50.00	-2.0%	2.0%
227+20.00	-2.0%	2.0%
227+70.00	-2.0%	-2.0%
233+73.45	-2.0%	-2.0%

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		AIR VOIDS @ Ndes
RESURFACING		
HAZARD ROAD		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm); 2"		4% @ 50 GYR
DUNDEE ROAD		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"		4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N70 (IL-9.5 mm); 1" (MIN)		4% @ 70 GYR
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19mm); 6"		4% @ 70 GYR
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm); 2"		4% @ 50 GYR
HMA BASE COURSE, (HMA BINDER IL-19mm); 4" (RESIDENTIAL)		4% @ 50 GYR
HMA BASE COURSE, (HMA BINDER IL-19mm); 6" (COMMERCIAL)		4% @ 50 GYR
FULL-DEPTH HOT-MIX ASPHALT PAVEMENT, 9"		
GOLFVIEW LANE/MONROE AVENUE/HAZARD ROAD		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm); 2"		4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50; 2"		4% @ 50 GYR
HMA BASE COURSE, (HMA BINDER IL-19mm); 5"		4% @ 50 GYR
WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"		4% @ 70 GYR
HMA BASE COURSE (HMA BINDER IL-19 mm); 10 1/2" (IN 4 LIFTS)		4% @ 70 GYR
SHOULDERS		
HMA SHOULDER (HMA BINDER IL-19 mm); 6" (IN 3 LIFTS)		2% @ 30 GYR

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
 THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70 -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.

SEC GROUP, INC.
 PROJECT CONTACT: J. HAMILTON
 DATE PLOTTED: 11/6/2010 9:28:58 PM
 FILE NAME: 080256-tp-01.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl

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USER NAME = CHen	DESIGNED - J. ATTANASEO	REVISED -
PLLOT SCALE = N.T.S.	DRAWN - R. BEST	REVISED -
PLLOT DATE = 11/6/2010	CHECKED - T. HAMILTON	REVISED -
	DATE - 10/25/10	REVISED -

VILLAGE OF CARPENTERSVILLE

PROPOSED TYPICAL SECTIONS

SCALE: N.T.S.	SHEET NO. 3 OF 6 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			*	06-00074-00-FP	KANE	211	8
			* FAU 2414, FAU 1280, FAP 343		CONTRACT NO.	63504	
			FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	