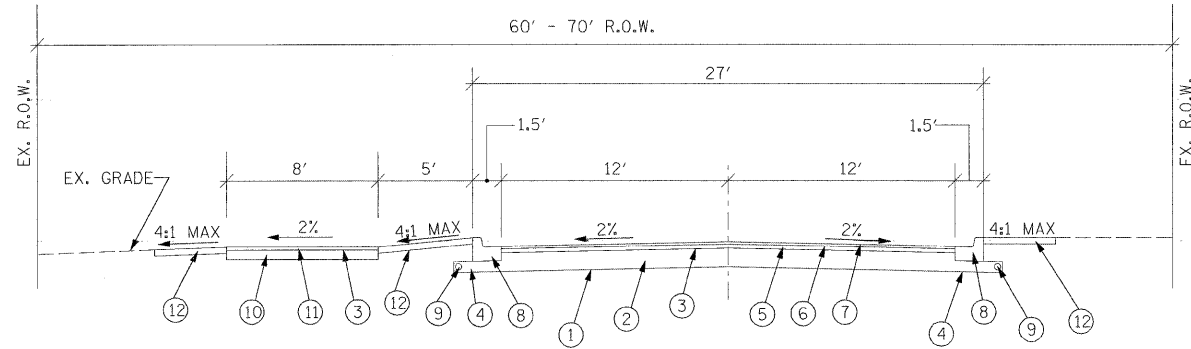
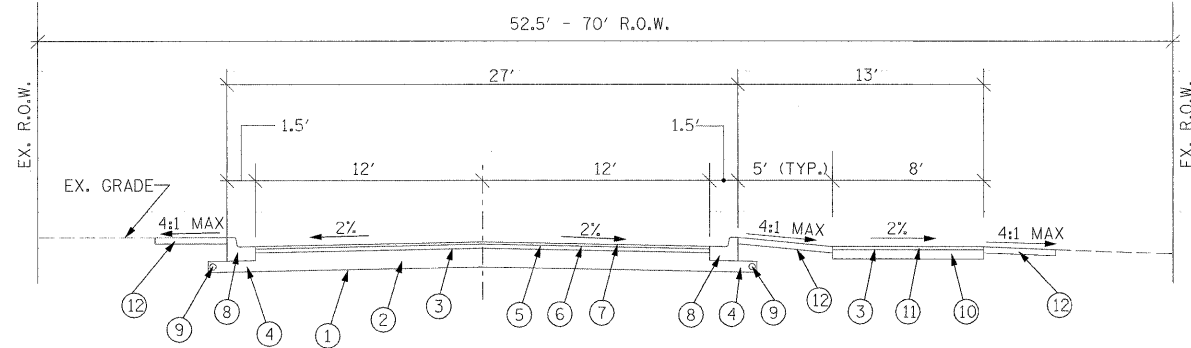


DATE	
BY	
PLAN	
EXAMINED	
DESIGNED	
CHECKED	
DRAWN	
DATE	

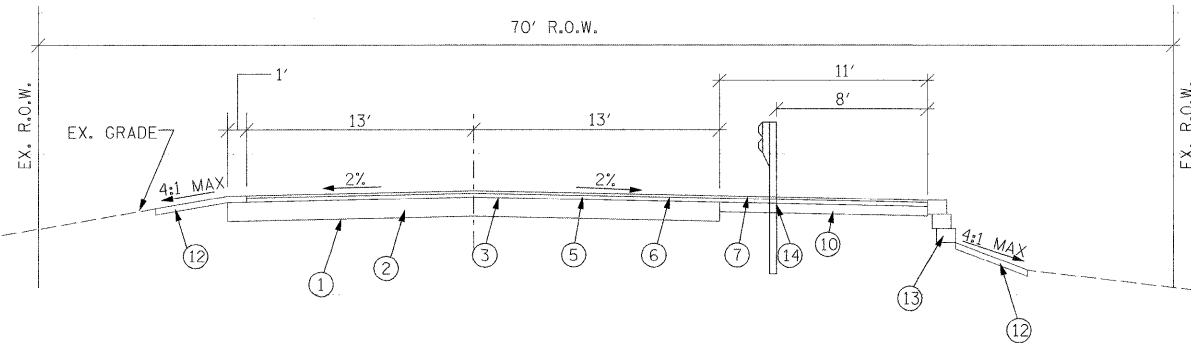
DATE	
BY	
PROFILE	
EXAMINED	
DESIGNED	
CHECKED	
DRAWN	
DATE	



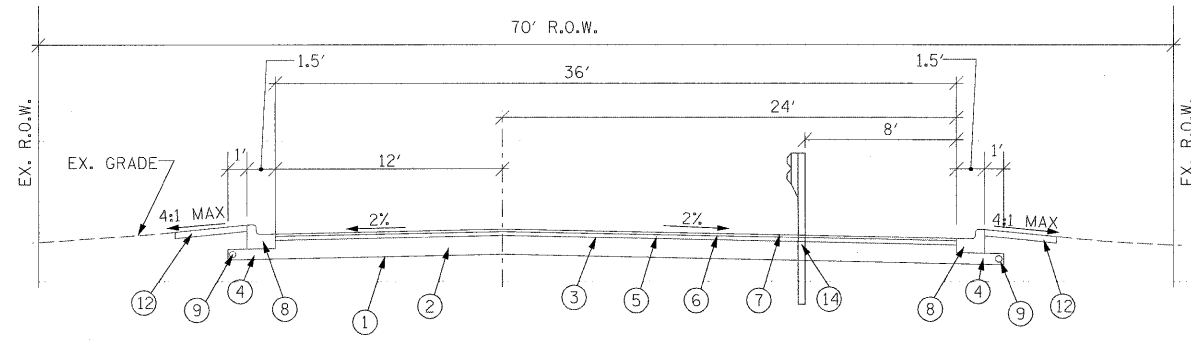
TYPICAL PROPOSED PAVEMENT SECTION
STA. 00+00 TO 8+64



TYPICAL PROPOSED PAVEMENT SECTION
STA. 8+72 TO 14+92
STA. 19+83 TO 45+68.39



TYPICAL PROPOSED PAVEMENT SECTION
STA. 14+92 TO 18+50



TYPICAL PROPOSED PAVEMENT SECTION
STA. 18+50 TO 19+83

HOT-MIX ASPHALT MIXTURE REQUIREMENTS:	
MIXTURE TYPE	AIR VOIDS @ N DESIGN
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50; 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 3"	4% @ 50 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE IL-9.5, MIX D, N50; 3"	4% @ 50 GYR
RECREATIONAL PATH	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50; 2"	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

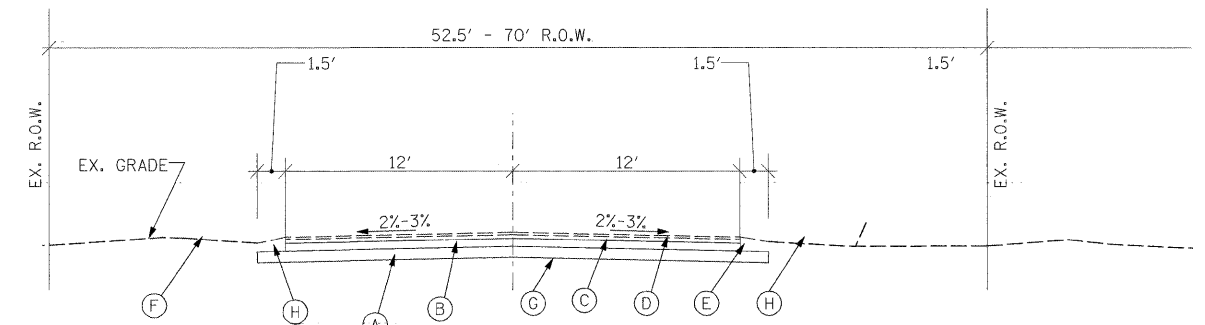
THE "AC" TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR PERCENT OF RAP SEE DISTRICT ONE SPECIAL PROVISIONS.

EXISTING TYPICAL SECTION

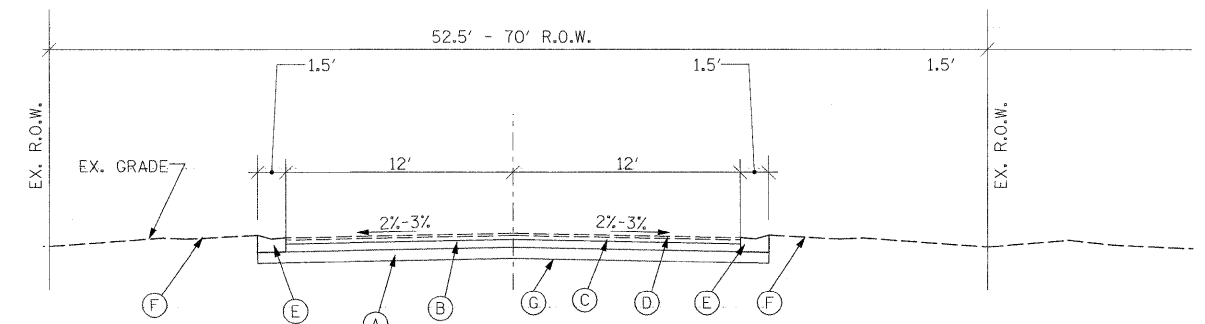
- (A) AGGREGATE BASE, THICKNESS VARIES FROM 0" TO 8" TO BE REMOVED.
 - (B) POZZOLANIC AGGREGATE MIXTURE (PAM), THICKNESS VARIES FROM 0" TO 12". TO BE REMOVED.
 - (C) BITUMINOUS CONCRETE BINDER, THICKNESS VARIES FROM 2" TO 10". TO BE REMOVED.
 - (D) BITUMINOUS CONCRETE SURFACE COURSE, THICKNESS VARIES FROM 2" TO 5". TO BE REMOVED.
 - (E) EXISTING CONCRETE CURB AND GUTTER, VARIABLE PROFILE. TO BE REMOVED.
 - (F) EXISTING GROUND, PORTIONS TO BE REMOVED.
 - (G) EXISTING SUBGRADE. PORTIONS TO BE REMOVED.
 - (H) EXISTING AGGREGATE SHOULDER. TO BE REMOVED.
- NOTE: EXISTING PAVEMENT SECTION THICKNESS (BITUMINOUS CONCRETE, PAM AND AGGREGATE) VARIES FROM 12" TO 17" IN TOTAL THICKNESS

PROPOSED TYPICAL SECTION

- (1) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (2) AGGREGATE SUBGRADE, 12"
- (3) BITUMINOUS PRIME COAT TO BE APPLIED UNIFORMLY AT A RATE OF 0.375 GAL/SY
- (4) SUB-BASE GRANULAR MATERIAL, TYPE B, 7"
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 3"
- (6) BINDER TACK COAT TO BE APPLIED UNIFORMLY AT A RATE OF 0.075 GAL/SY
- (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2"
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (9) PIPE UNDERDRAIN, 4"
- (10) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (11) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (12) TOP SOIL PLACEMENT, 4", SEEDING, AND EROSION CONTROL BLANKET MAXIMUM 5:1 SLOPE FOR RESTORATION WITH 3' MINIMUM WIDTH
- (13) SEGMENTAL CONCRETE BLOCK WALL WITH ORNAMENTAL FENCE
- (14) STEEL PLATE BEAM GUARDRAIL



TYPICAL EXISTING PAVEMENT SECTION
STA. 14+45 TO 19+85



TYPICAL EXISTING PAVEMENT SECTION
STA. 0+00 TO 14+45, 19+85 TO 45+64

DESIGNED	-	CMP	REVISED	-	2/6/12
DRAWN	-	NAT	REVISED	-	2/22/12
CHECKED	-	BWM	REVISED	-	
DATE	-		REVISED	-	

RHMG REZEK, HENRY, MEISENHEIMER, and GENDE, INC.
CONSULTING ENGINEERS
976 CAMPUS DRIVE
MUNDELEIN, ILLINOIS 60060
847-362-8959

635 TOLLWAY RD. SUITE F
ELGIN, ILLINOIS 60123
847-742-5959

VILLAGE OF BEACH PARK
BEACH ROAD
BEACH PARK, ILLINOIS

TYPICAL SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1210	11-00012-00-PV	LAKE	47	6
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 63683	