

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	129-R-2	KANE	243	17
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62195				

**LEGEND**

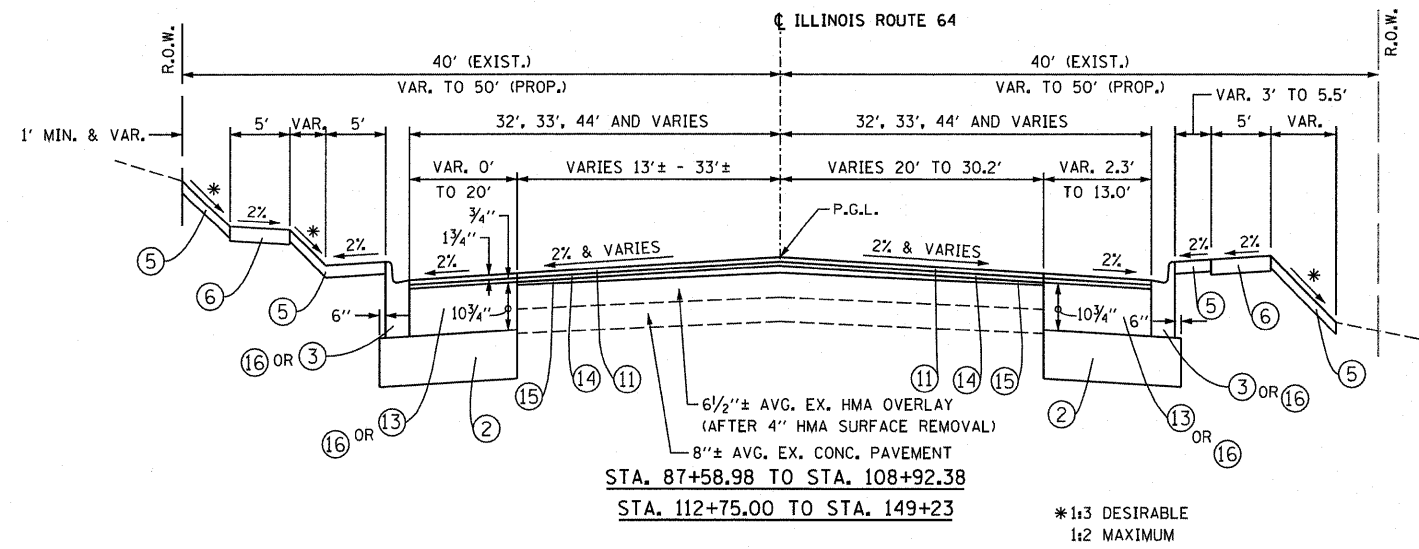
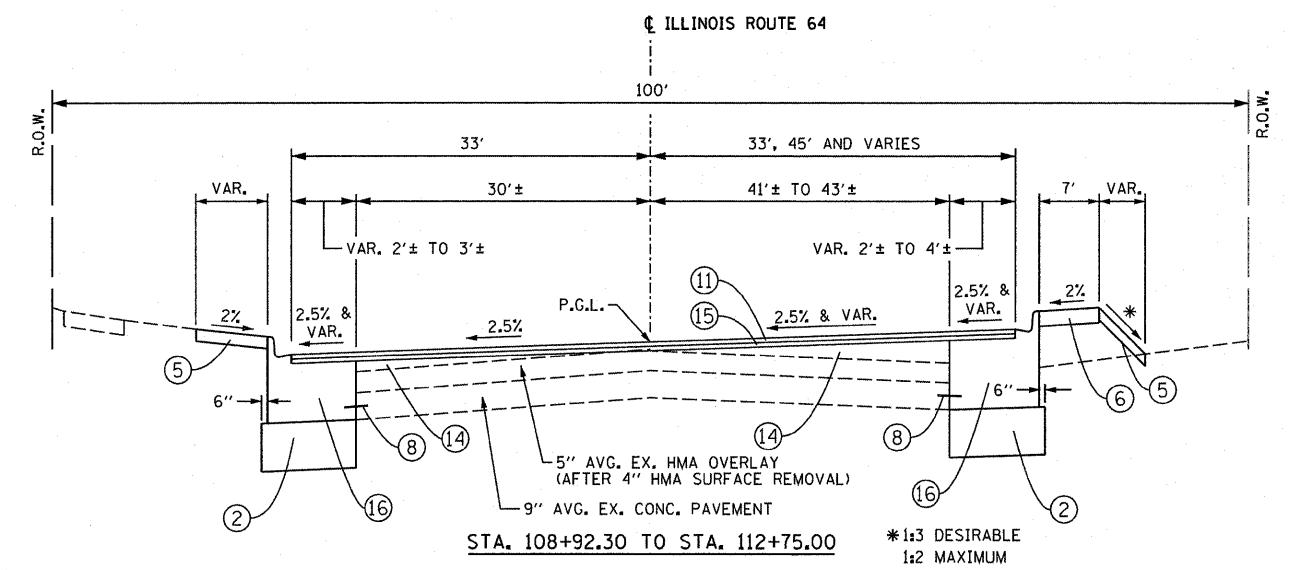
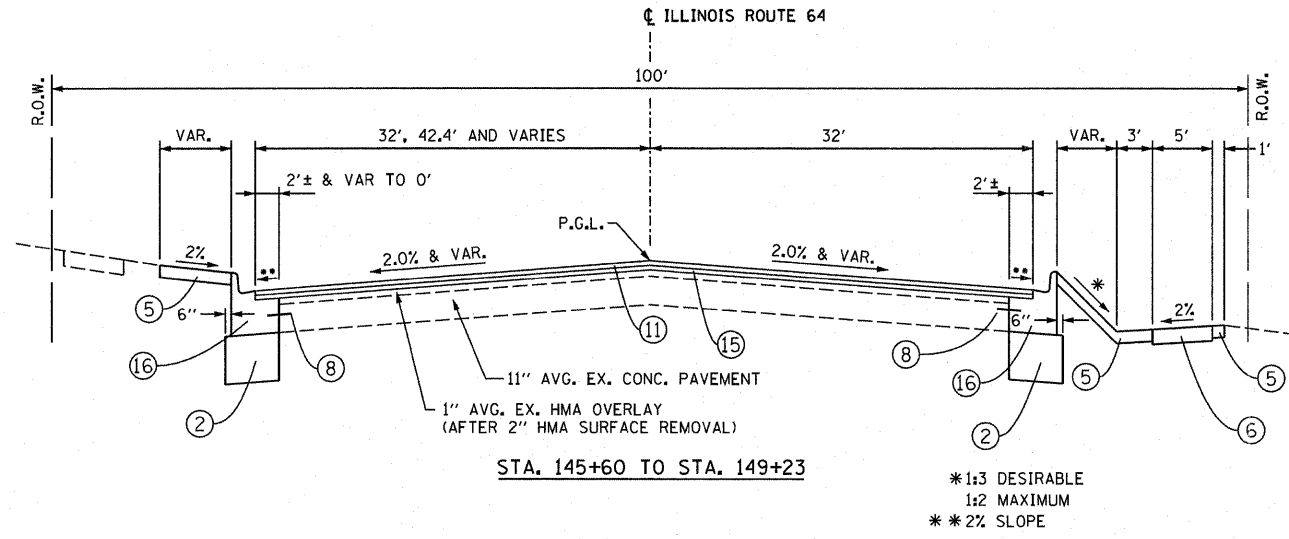
- ① P.C.C. PAVEMENT, 9 3/4" (JOINTED) (EXTENDED LIFE PAVEMENT)
- ② AGGREGATE SUBGRADE, 12"
- ③ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24 (SEE NOTE 4)
- ④ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.12 (SEE NOTE 4)
- ⑤ SODDING (SALT TOLERANT) & TOPSOIL FURNISH AND PLACE, 4"
- ⑥ P.C.C. SIDEWALK, 5"
- ⑦ NOT USED
- ⑧ NO. 6 EPOXY-COATED TIE BARS @ 24" C-C. AND 24" LONG, DRILLED AND GROUTED (COST WILL BE INCLUDED IN P.C.C. PAVEMENT)
- ⑨ LONGITUDINAL CONSTRUCTION JOINT WITH #8 EPOXY COATED DEFORMED TIE BARS @ 24" C-C. AND 24" LONG, DRILLED AND GROUTED (INCLUDED IN THE COST OF P.C.C. PAVEMENT)
- ⑩ SAWED LONGITUDINAL JOINT WITH #6 EPOXY COATED DEFORMED TIE BARS @ 30" C-C, 30" LONG (INCLUDED IN THE COST OF P.C.C. PAVEMENT)
- ⑪ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑫ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (EXTENDED LIFE PAVEMENT)
- ⑬ HOT-MIX ASPHALT BASE COURSE, 10 3/4"
- ⑭ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4" MIN. & VARIES
- ⑮ POLYMERIZED LEVELING BINDER, (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑯ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL) (SEE TYP. SECTION NOTES 4 & 5)
- ⑰ NOT USED
- ⑱ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) (SEE TYP. SECTION NOTES 4 & 5)
- ⑲ SUBBASE GRANULAR MATERIAL, TYPE B, 6"

\* CONTRACTOR SHALL MILL BEFORE PATCHING FOR SIDEROADS AND ILLINOIS ROUTE 64 FROM STA. 87+58.98 TO STA. 135+00.  
 \* CONTRACTOR SHALL PATCH BEFORE MILLING FOR ILLINOIS ROUTE 64 FROM STA. 135+00 TO STA. 149+23.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
<b>PAVEMENT RESURFACING - ILLINOIS ROUTE 64, DUNHAM ROAD, INDUSTRIAL DRIVE</b>	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm); 1 3/4"	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4" MIN.	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4"	3.5% @ 50 GYR.
<b>PAVEMENT WIDENING, 14 3/4"</b>	
- ILLINOIS ROUTE 64	
- DUNHAM ROAD	
- INDUSTRIAL DRIVE	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm); 1 3/4"	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2 1/4"	4% @ 90 GYR.
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 mm), 10 3/4" (3 LIFTS)	4% @ 90 GYR.
<b>STABILIZED SUBBASE (EXTENDED LIFE PAVEMENT)</b>	
STABILIZED SUBBASE HOT-MIX ASPHALT, IL-19.0, N50, 4 1/2"	3% @ 50 GYR.
<b>DRIVEWAYS AND HMA DRIVEWAY PAVEMENT, 10"</b>	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19 mm); PE - 6", CE - 8"	4% @ 50 GYR.
<b>INCIDENTAL HOT-MIX ASPHALT SURFACING</b>	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 GYR.
<b>TEMPORARY PAVEMENT PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-19 mm); 10"	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm); 2"	4% @ 70 GYR.
<b>TEMPORARY PAVEMENT</b>	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 8" (2 LIFTS)	4% @ 50 GYR.
<b>TEMPORARY SIDEWALK</b>	
LEVELING BINDER (HAND METHOD), IL-4.75, N50; 2"	4% @ 50 GYR.

**NOTES:**

- 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE AND BINDER MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- 2. 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.
- 3. **TEMPORARY PAVEMENT:** CONTRACTOR HAS THE OPTION OF HOT-MIX ASPHALT OR CONCRETE. IF CONTRACTOR CHOOSES CONCRETE, THE THICKNESS SHALL BE 10". PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS.
- 4. **TEMPORARY SIDEWALK:** CONTRACTOR HAS THE OPTION OF HOT-MIX ASPHALT OR CONCRETE. IF CONTRACTOR CHOOSES CONCRETE, THE THICKNESS SHALL BE 2".



FILE NAME = prop64typ1-resur-face.dgn  
 PLOT DATE = 12/16/2011  
 PLOT SCALE = 7/32" = 1' IN.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 211 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 1-312-372-2023 FAX: 1-312-372-5274

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS  
 ILLINOIS ROUTE 64

SCALE: 1" = 50'  
 DATE: DECEMBER 16, 2011

DRAWN BY B.K.  
 CHECKED BY S.J.P.