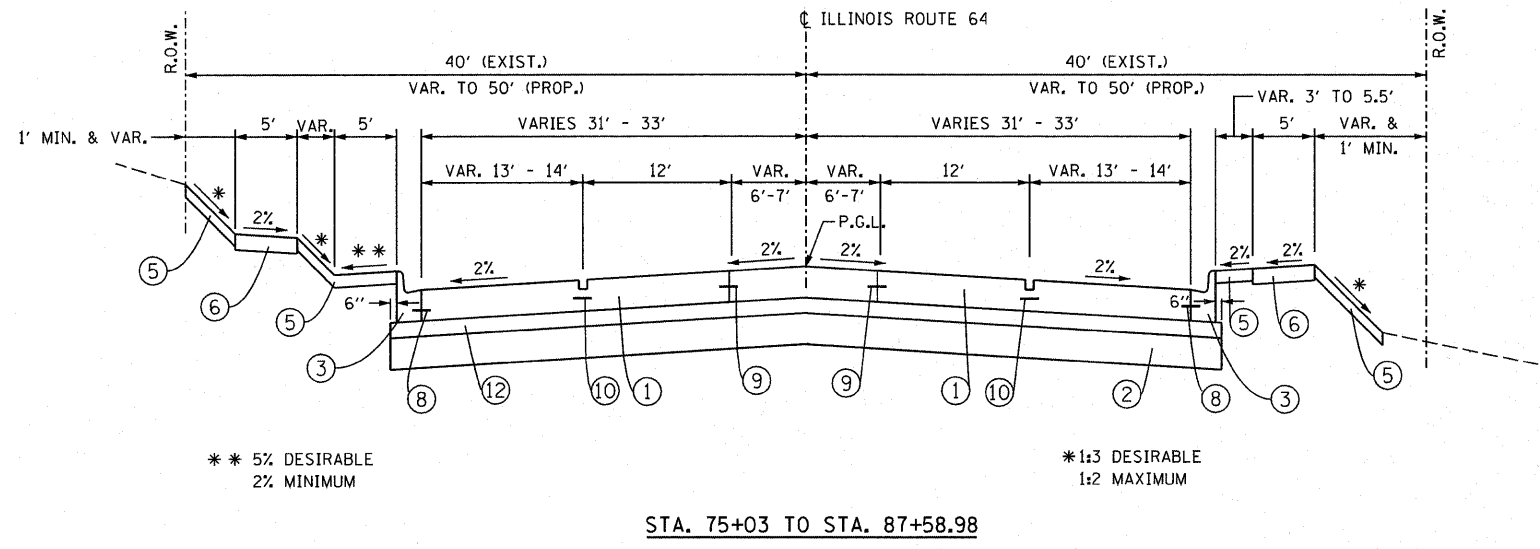


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	129-R-2	KANE	243	16
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62195

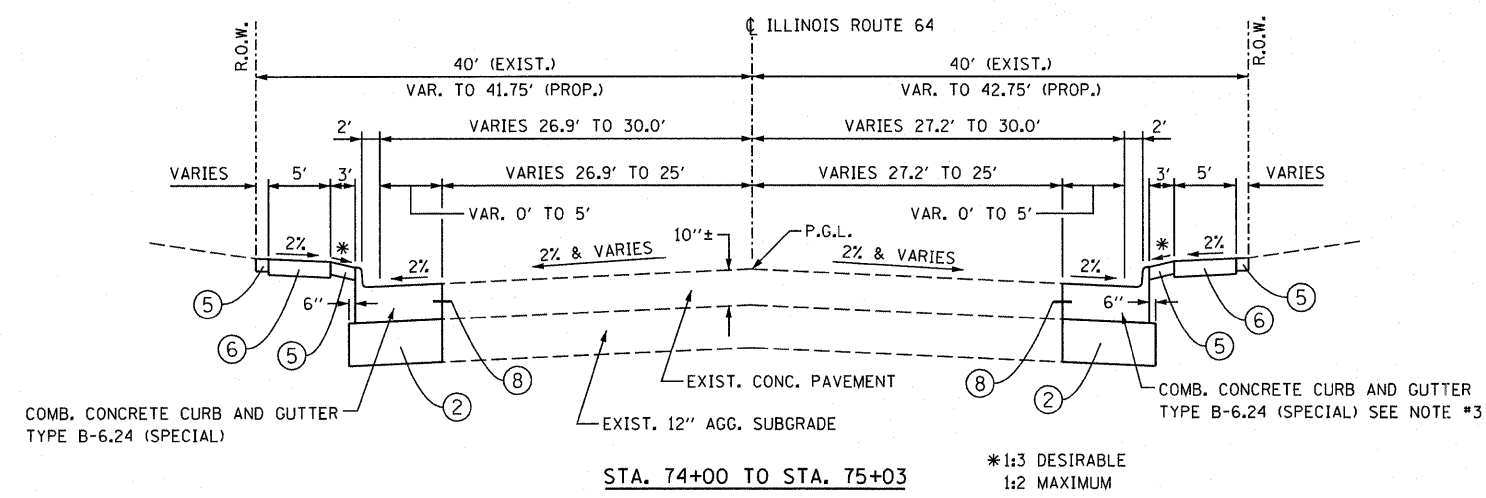


** 5% DESIRABLE
2% MINIMUM

*1:3 DESIRABLE
1:2 MAXIMUM

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)



*1:3 DESIRABLE
1:2 MAXIMUM

TYPICAL SECTION NOTES:

1. - FROM STATION 74+00 TO 87+59, ALL SIDEROAD RADIUS RETURN PAVEMENTS SHALL CONSIST OF ① AND ②.
- FROM STATION 87+59 TO 149+23, ALL SIDEROAD RADIUS RETURN PAVEMENTS SHALL CONSIST OF ② AND ⑬.
2. P.G.E. SUBGRADE HAS BEEN INCLUDED IN THE PLANS FOR PLACEMENT AT LOCATIONS THAT HAVE UNSTABLE OR UNSUITABLE SOIL. THIS WILL BE PLACED AT THE DIRECTION OF THE ENGINEER.
3. THE LATERAL JOINTS TO BE CONSTRUCTED IN THE PROPOSED CONCRETE CURB AND GUTTER TYPE B-6.24 (SPECIAL) BETWEEN STA. 74+00 AND STA. 75+03 SHALL BE CONSTRUCTED TO MATCH THE EXISTING CONC. PAVEMENT LATERAL JOINTS.
4. THE DEPTH OF THE CONCRETE CURB AND GUTTER, TYPE B-6.24 AND TYPE B-6.24 (SPECIAL) GUTTER FLAG SHALL BE THE SAME AS THE ADJACENT EXISTING OR PROPOSED PAVEMENT THICKNESS. THIS SHALL BE INCLUDED IN THE COST OF THE CONCRETE CURB AND GUTTER.
5. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL) OR TYPE B-6.12 (SPECIAL) SHALL BE USED WHEN THE PAVEMENT WIDENING IS LESS THAN 6' FROM EXISTING PAVEMENT TO PROPOSED EDGE OF PAVEMENT.

STRUCTURAL TRAFFIC:	YEAR 2014
PV =	43,787
SU =	1,922
ROAD/STREET CLASSIFICATION:	CLASS 1
P =	32%
S =	45%
M =	45%
TRAFFIC FACTOR: ACTUAL TF =	9.88
AC TYPE =	20
MINIMUM TF =	6.03
AC GRADE: BINDER =	PG70-22
SURFACE =	PG70-22
SUBGRADE SUPPORT RATING:	
SSR =	2.00
SSR =	2.00

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: NOVEMBER 17, 2011

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

PLOT SCALE=7.50000' / IN.