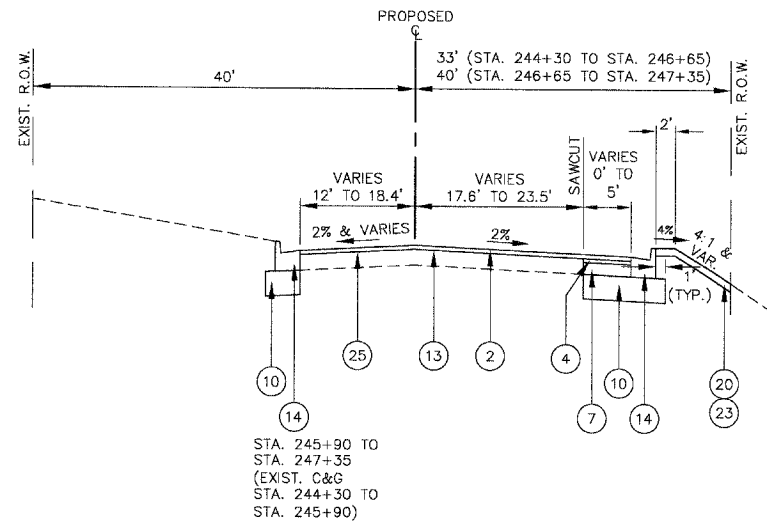
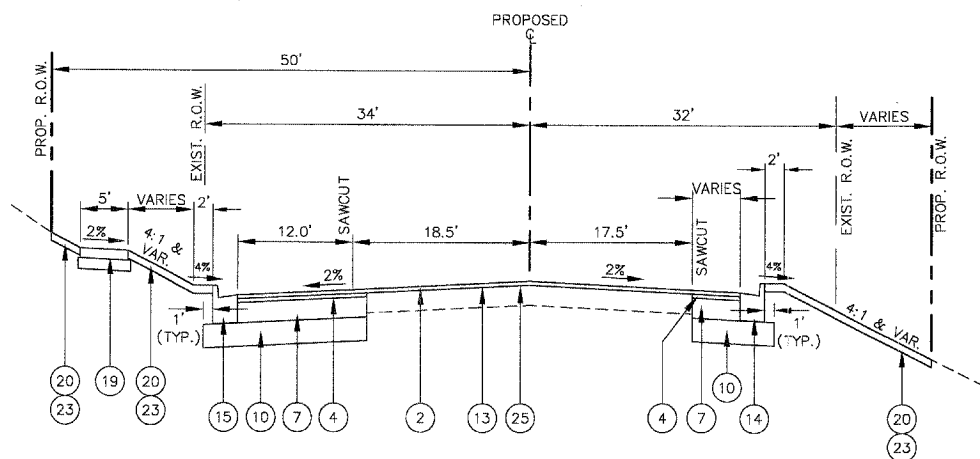


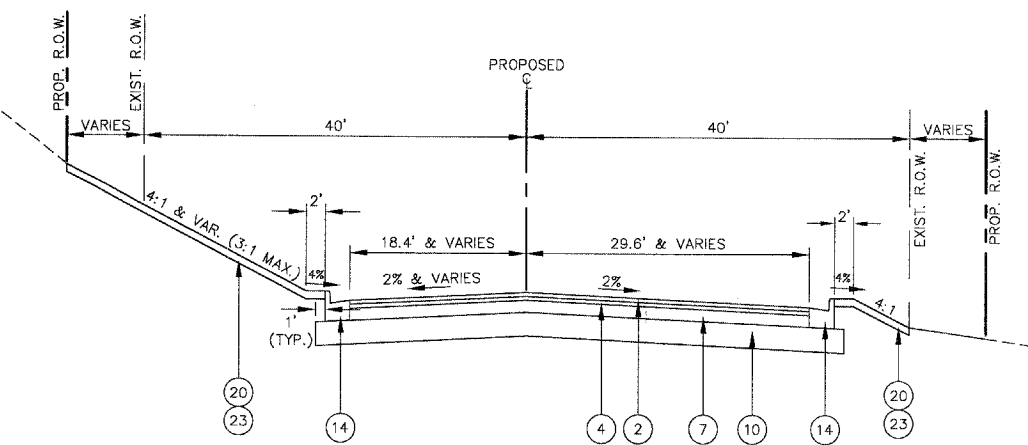
F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00243-00-PV	KANE	268
CONTRACT NO. 83782			
PROPOSED TYPICAL SECTIONS			
F.H.W.A. REG. 5 ILLINOIS PROJECT F-0336(C)			



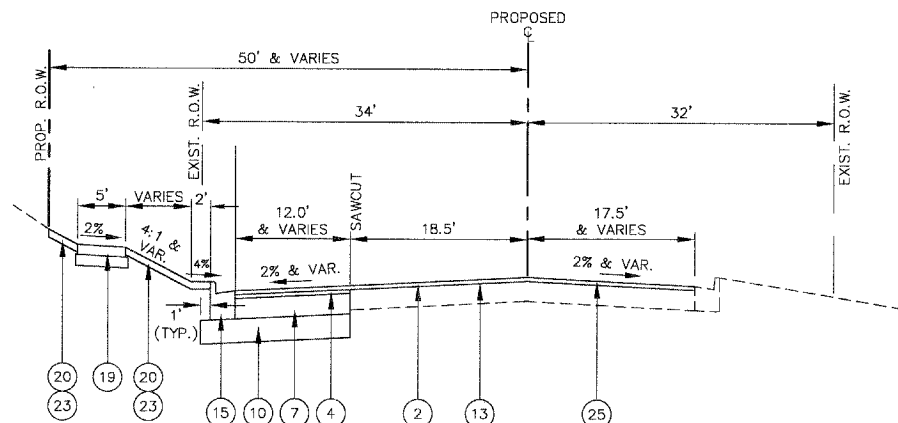
PROPOSED TYPICAL SECTION
DEAN STREET
STA. 244+30 TO STA. 247+50



PROPOSED TYPICAL SECTION
DEAN STREET
STA. 250+90 TO STA. 252+55



PROPOSED TYPICAL SECTION
DEAN STREET
STA. 247+50 TO STA. 248+90



PROPOSED TYPICAL SECTION
DEAN STREET
STA. 252+55 TO STA. 254+25

PAVEMENT DESIGN INFORMATION

RANDALL ROAD
PCC PAVEMENT
CLASS I
80000 LB
SIX LANE URBAN
2014 ADT 49750
PV 45272 (91%)
SU 2985 (6%)
MU 1493 (3%)
TF = 10.88
SSR POOR
TIED C&G
JOINTS AT 15'
12" AGG. SUBGRADE
THICKNESS REQUIRED = 9.75"
THICKNESS PROVIDED = 10"

RANDALL ROAD
BITUMINOUS PAVEMENT
CLASS I
80000 LB
FOUR LANE URBAN
2014 ADT 37150
PV 34920 (94%)
SU 1115 (3%)
MU 1115 (3%)
TF = 6.21
SSR POOR
AC MIX TEMP 77"
AC 20 PG 64-22
MODULUS 625 KSI
AC MICROSTRAIN 58
THICKNESS REQUIRED = 13.5"
THICKNESS PROVIDED = 14"

IL ROUTE 64
BITUMINOUS PAVEMENT
CLASS I
80000 LB
FOUR LANE URBAN
2014 ADT 33150
PV 30829 (93%)
SU 1658 (5%)
MU 663 (2%)
TF = 4.89
SSR POOR
AC MIX TEMP 77"
AC 20 PG 64-22
MODULUS 625 KSI
AC MICROSTRAIN 63
THICKNESS REQUIRED = 12.75"
THICKNESS PROVIDED = 13"

DEAN STREET
BITUMINOUS PAVEMENT
CLASS II
80000 LB
TWO LANE URBAN
2014 ADT 6100
PV 5551 (91%)
SU 488 (8%)
MU 61 (1%)
TF = 0.79
SSR POOR
AC MIX TEMP 77"
AC 20 PG 64-22
MODULUS 625 KSI
AC MICROSTRAIN 115
THICKNESS REQUIRED = 9.25"
THICKNESS PROVIDED = 10"

PROPOSED TYPICAL SECTION ITEMS

- 1 POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90, 2"
- 2 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"
- 3 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90, 2 1/4"
- 4 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N50, 2 1/4"
- 5 BITUMINOUS BASE COURSE, SUPERPAVE, 9 3/4"
- 6 BITUMINOUS BASE COURSE, SUPERPAVE, 8 3/4"
- 7 BITUMINOUS BASE COURSE, SUPERPAVE, 5 3/4"
- 8 LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N70
- 9 PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED) JOINTS @ 15' C/C SEE STANDARDS FOR TIE BARS AND DOWEL BARS
- 10 AGGREGATE SUBGRADE, 12"
- 11 POROUS GRANULAR EMBANKMENT, SPECIAL 12" WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 12 HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- 13 AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
- 14 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 15 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 16 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- 17 PORTLAND CEMENT CONCRETE CORRUGATED MEDIAN
- 18 CONCRETE MEDIAN, TYPE SB-6.12
- 19 PORTLAND CEMENT CONCRETE SIDEWALK, 5" WITH AGGREGATE BASE COURSE, TYPE B, 4"
- 20 TOPSOIL FURNISH AND PLACE, 4"
- 21 TOPSOIL FURNISH AND PLACE, 24" (LANDSCAPED MEDIAN, SEE LANDSCAPING PLANS FOR GRADING)
- 22 SEEDING CLASS 2A
- 23 SODDING, SALT TOLERANT
- 24 STEEL PLATE BEAM GUARD RAIL, TYPE A & GUARDRAIL STABILIZATION BITUMINOUS SHOULDERS SUPERPAVE 6"
- 25 BITUMINOUS SURFACE REMOVAL
- 26 STABILIZED BIKE PATH BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 3"; AGGREGATE BASE COURSE, TYPE B, 6"; AGGREGATE SHOULDERS, TYPE B, 6"
- 27 PIPE UNDERDRAIN, 4"