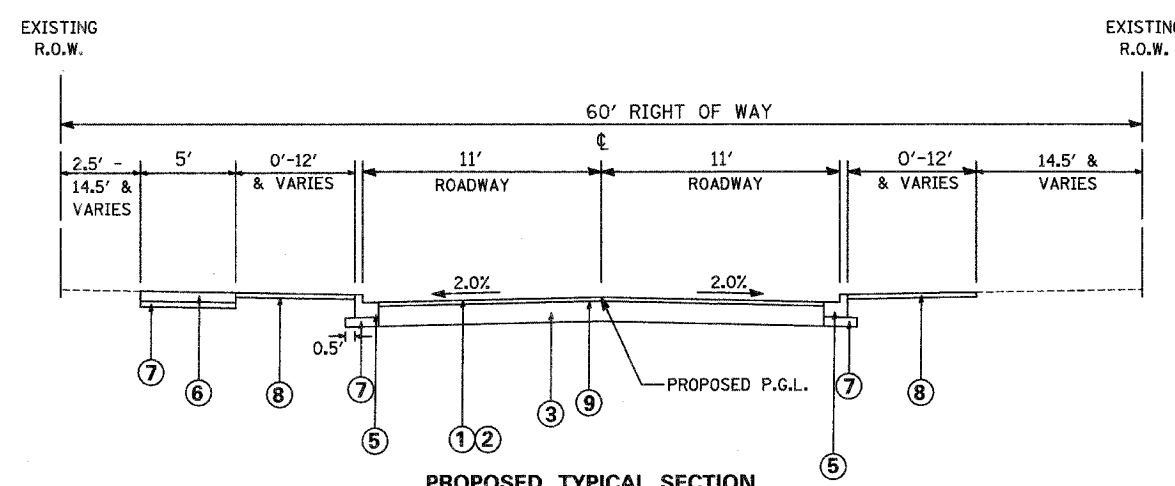


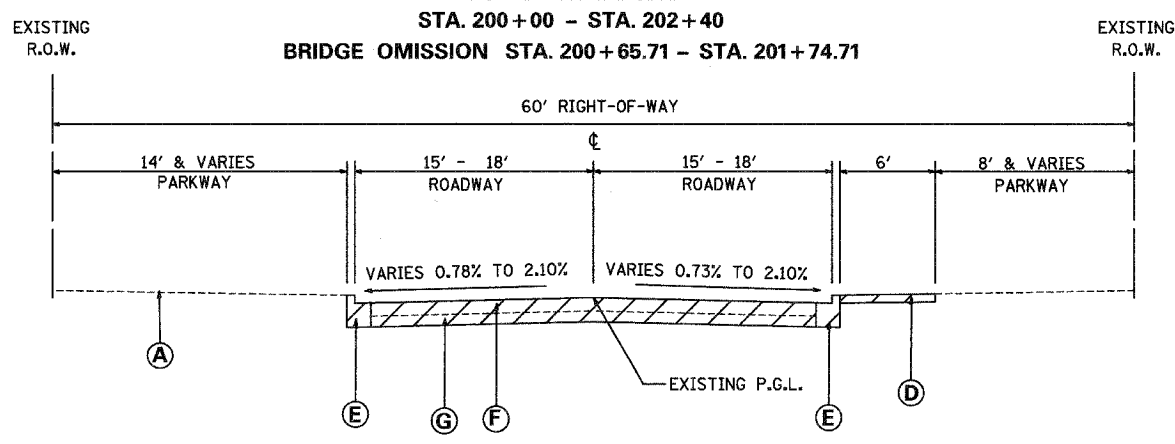
**EXISTING TYPICAL SECTION
ELDORADO STREET**

STA. 200+00 - STA. 202+40
BRIDGE OMISSION STA. 200+65.71 - STA. 201+74.71



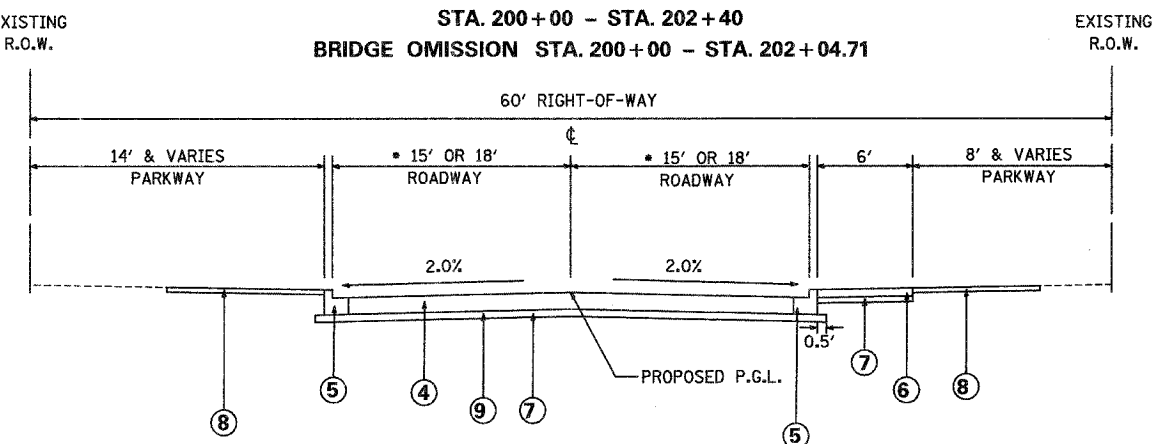
**PROPOSED TYPICAL SECTION
ELDORADO STREET**

STA. 200+00 - STA. 202+40
BRIDGE OMISSION STA. 200+00 - STA. 202+04.71



**EXISTING TYPICAL SECTION
PINE STREET**

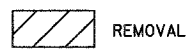
STA. 100+00 - STA. 103+00
BRIDGE OMISSION STA. 100+26.09 - STA. 101+86.95



**PROPOSED TYPICAL SECTION
PINE STREET**

STA. 100+00 - STA. 103+00
BRIDGE OMISSION STA. 100+00 - STA. 102+16.40

SEE BRIDGE APPROACH PAVEMENT DETAIL FOR PAVEMENT WEST OF BRIDGE. PINE STREET (SHEET 42) ELDORADO STREET (SHEET 64)



EXISTING CONDITIONS

- (A) EXISTING GROUND
- (B) EXISTING BITUMINOUS SURFACE, 4" (TO BE PAID FOR AS PAVEMENT REMOVAL)
- (C) EXISTING AGGREGATE BASE 10" (TO BE PAID FOR AS EARTH EXCAVATION)
- (D) EXISTING P.C.C. SIDEWALK
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (F) EXISTING BITUMINOUS SURFACE, 10" (TO BE PAID FOR AS PAVEMENT REMOVAL)
- (G) EXISTING SUBGRADE, 4" (TO BE PAID FOR AS EARTH EXCAVATION)

PROPOSED CONDITIONS

- (1) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "C" N50, 2"
- (2) BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19, N50 2 1/4"
- (3) AGGREGATE BASE COURSE, TYPE B 10"
- (4) BITUMINOUS CONCRETE PAVEMENT, (FULL-DEPTH), SUPERPAVE, 10" (2" SURFACE, 8" BINDER)
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (6) P.C.C. SIDEWALK 5"
- (7) SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (8) TOPSOIL 4", FERTILIZER NUTRIENTS, SODDING
- (9) BITUMINOUS MATERIALS (PRIME COAT) & AGGREGATE (PRIME COAT)

MIXTURE DESIGN TABLE

ITEM	AC TYPE	VOIDS	RAP%
ELDORADO STREET BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 (2")	PG 64-22	4% @ 50 GYR.	15
ELDORADO STREET BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N50 (2 1/4")	PG 58-22	4% @ 50 GYR.	25
PINE STREET BITUMINOUS CONCRETE PAVEMENT FULL-DEPTH, SUPERPAVE (10") SURFACE COURSE MIX "C", N50 (2") BINDER COURSE, IL-19, N50 (8")	PG 64-22 PG 58-22	4% @ 50 GYR. 4% @ 50 GYR.	15 25
DRIVEWAYS BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX C, N50 (2") BITUMINOUS BASE COURSE, SUPERPAVE, (6" P.E.)	PG 64-22 PG 58-22	4% @ 50 GYR. 2% @ 50 GYR.	15 50

THE UNIT WEIGHT USED TO CALCULATE BITUMINOUS SURFACE MIXTURES IS 112 LBSY PER INCH THICKNESS.

STRUCTURAL DESIGN FACTOR: YEAR 2023 - ELDORADO (PINE)

PV= 689 (3419) SU= 14 (71) MU= 7 (35)

ROAD/STREET CLASSIFICATION: CLASS IV ROAD (CLASS II ROAD)

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P= 97% (97%) S= 2% (2%) M= 3% (3%)

TRAFFIC FACTOR: ACTUAL TF = 0.087 (0.44) AC TYPE = PG 64-22

MINIMUM TF =

AC GRADE: BINDER = PG 58-22 SURFACE = PG 64-22

SUBGRADE SUPPORT RATING: IBR = 3.0



REVISIONS	
NAME	DATE

VILLAGE OF WINNETKA
ELDORADO STREET OVER UNION PACIFIC R.R.
PINE STREET OVER UNION PACIFIC R.R.

EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE: 1" = 20'
DATE: MARCH 2006

DRAWN BY: EAB
CHECKED BY: MRJ