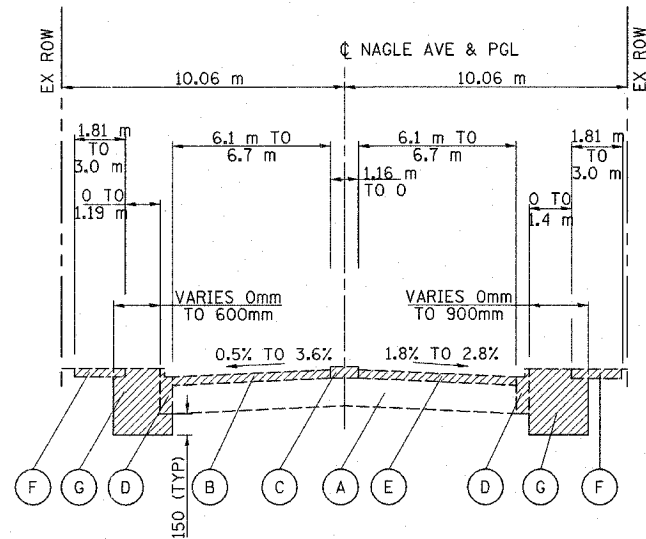
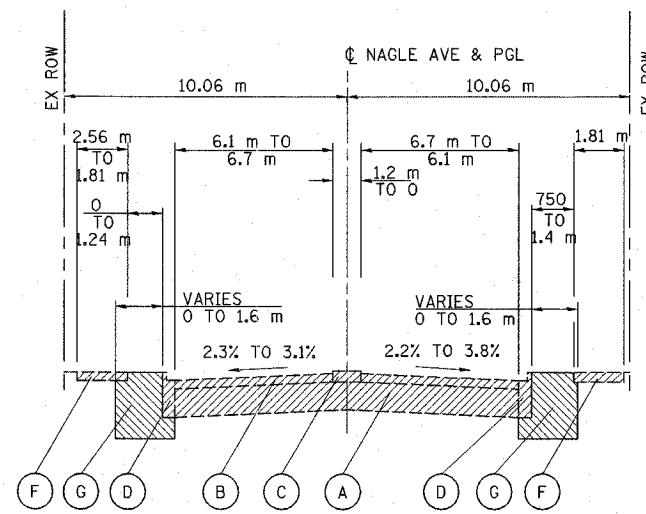


FBI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	1314B	COOK	160	10
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT 60293	



EXISTING TYPICAL SECTION

NAGLE AVENUE
STA. 0+894 TO STA. 0+957.109

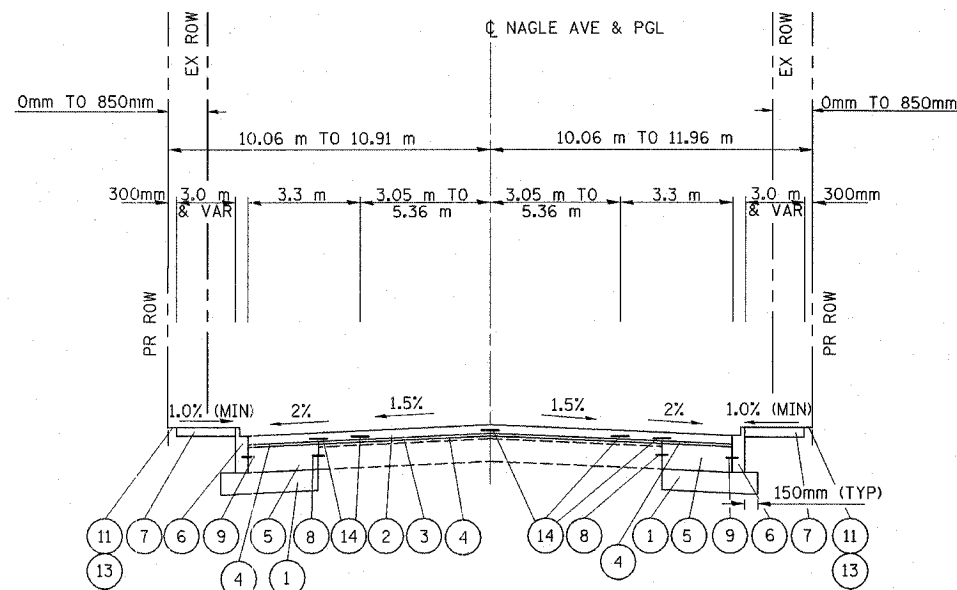


EXISTING TYPICAL SECTION

NAGLE AVENUE
STA. 1+040.586 TO STA. 1+106

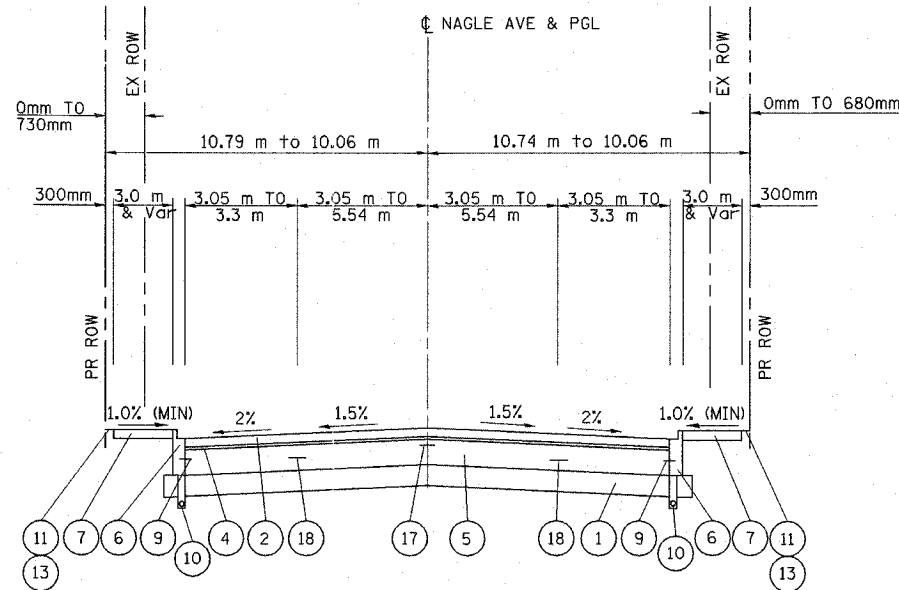
- EXISTING LEGEND**
- (A) PCC BASE COURSE OR CONC PVMT (230 mm ±)
 - (B) BITUMINOUS CONCRETE OVERLAY (115 mm ± AVERAGE)
 - (C) MEDIAN
 - (D) COMBINATION CURB AND GUTTER
 - (E) BITUMINOUS SURFACE REMOVAL, 65 mm (THICKNESS VARIES 50 mm - 75 mm, ITEM IS PAID AS 65 mm)
 - (F) PCC SIDEWALK
 - (G) EARTH EXCAVATION
 - (H) CHAIN LINK FENCE
- EXISTING ITEM (dashed line)
PROPOSED ITEM (solid line)
ITEM TO BE REMOVED (hatched area)

- PROPOSED LEGEND**
- (1) SUB-BASE GRANULAR MATERIAL TYPE B (100mm)
 - (2) POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90 45mm - 65mm
 - (3) BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL-19, N90 57mm
 - (4) LEVELING BINDER (MACHINE METHOD) SUPERPAVE N70 19mm - 57mm
 - (5) PORTLAND CEMENT CONCRETE BASE COURSE, 245mm (SEE NOTE 2)
 - (6) COMBINATION CURB AND GUTTER, TYPE B-15.30 OR COMBINATION CONCRETE CURB AND GUTTER TYPE B-15.30 (SPECIAL) (SEE NOTES 2 AND 9)
 - (7) PORTLAND CEMENT CONCRETE SIDEWALK, 125mm (CITY OF CHICAGO STANDARD)
 - (8) NO. 25 EPOXY COATED DEFORMED TIE BARS @ 600mm C-C, 600mm LONG, DRILLED AND GROUTED, COST INCLUDED IN PCC BASE COURSE, 245mm
 - (9) NO. 20 EPOXY COATED TIE BARS @ 600mm C-C, 600mm LONG, COST INCLUDED IN COMB. CONC. CURB AND GUTTER
 - (10) PIPE UNDERDRAIN, 150mm
 - (11) FURNISHING AND PLACING TOPSOIL, 100mm
 - (12) SEEDING, CLASS 2A (SEE LANDSCAPING PLANS)
 - (13) SODDING, SALT TOLERANT
 - (14) STRIP REFLECTIVE CRACK CONTROL TREATMENT (SEE NOTE 1)
 - (15) EROSION CONTROL BLANKET
 - (16) CHAIN LINK FENCE, 1.2 m
 - (17) LONGITUDINAL CONSTRUCTION JOINT - SEE HIGHWAY STANDARD 420001. COST INCLUDED IN PCC BASE COURSE, 245mm
 - (18) LONGITUDINAL SAWS JOINT - SEE HIGHWAY STANDARD 420001. COST INCLUDED IN PCC BASE COURSE, 245mm
 - (19) BITUMINOUS SHOULDER, SUPERPAVE 150
 - (20) POROUS GRANULAR EMBANKMENT (SEE SHEETS S1 THROUGH S7 OF S7)



PROPOSED TYPICAL SECTION

NAGLE AVENUE
STA. 0+894 TO STA. 0+952.408



PROPOSED TYPICAL SECTION

NAGLE AVENUE
STA. 1+045.238 TO STA. 1+106

NOTES:

1. ADDITIONAL STRIP REFLECTIVE CRACK CONTROL TREATMENT PLACEMENT LOCATIONS MAY BE REQUIRED AT PAVEMENT JOINTS/PAVEMENT WIDENING JOINTS AND AS DIRECTED BY THE ENGINEER.
2. PAVEMENT WIDENING AT RADIUS RETURNS, TAPERS AND NARROW AREAS LESS THAN OR EQUAL TO 600 mm SHOULD BE POURED MONOLITHICALLY WITH COMBINATION CONCRETE CURB AND GUTTER. THIS WORK SHALL BE PAID FOR AS COMB CONC C&G, TY B 15.30 (SPL). SEE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.30, SPECIAL DETAIL.
3. VARIABLE DEPTH MILLING WILL BE PAID FOR AS BITUMINOUS SURFACE REMOVAL 65 mm IN SQUARE METERS. WHEN MILLING THE EXISTING BITUMINOUS SURFACE, A MINIMUM OF 38 mm BITUMINOUS LAYER SHOULD BE LEFT OVER THE EXISTING PCC PAVEMENT, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IF EXISTING BITUMINOUS SURFACE, WHICH REMAINS AFTER MILLING IS LESS THAN 38 mm, THE ENTIRE EXISTING BITUMINOUS SURFACE SHALL BE REMOVED TO THE TOP OF THE CONCRETE PAVEMENT.

4. EXISTING TYPICAL CROSS SECTIONS FOR STATION 0+957.109 TO STATION 1+040.586, NAGLE AVENUE ARE NOT SHOWN DUE TO EXISTING APPROACH/BRIDGE OMISSION. PROPOSED TYPICAL CROSS SECTIONS FOR STATION 0+952.408 TO STATION 1+045.238, NAGLE AVENUE ARE NOT SHOWN DUE TO PROPOSED APPROACH/BRIDGE OMISSION.
5. FOR DETAILS ON BRIDGE APPROACH PAVEMENT (SPECIAL) AND BRIDGE APPROACH PAVEMENT CONNECTOR (PCC), SEE BRIDGE APPROACH PAVEMENT DETAILS SHEET 37.
6. SAW CUT, EITHER FULL OR PARTIAL DEPTH, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR THE ITEM BEING REMOVED.
7. SUB-BASE GRANULAR MATERIAL USED UNDER COMB CONC C&G SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER.
8. FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.30, SPECIAL DETAIL, PIPE UNDERDRAIN DETAIL AND RETAINING WALL DETAIL SEE SHEET NO. 11.
9. HEIGHT OF COMBINATION CONCRETE CURB AND GUTTER MAY VARY TO MATCH EXISTING ADJACENT TOPOGRAPHY, AS DIRECTED BY THE ENGINEER.

REVISIONS	
NAME	DATE

COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

F.A.I. 90 (I-90) AT NAGLE AVENUE

SCALE: N.T.S. DRAWN BY: ML, DR, FD
DATE: DECEMBER 2004 CHECKED BY: JMH, MDK