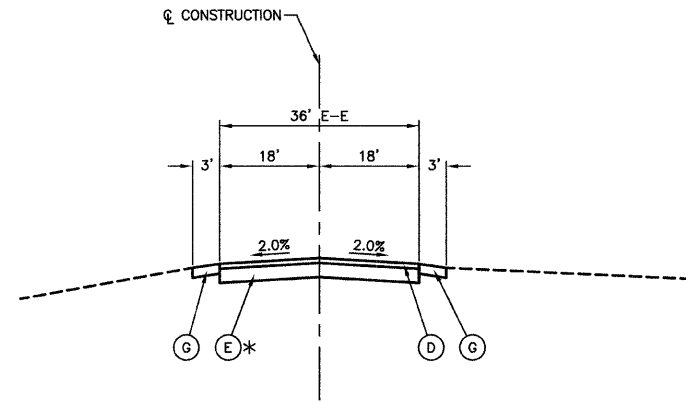
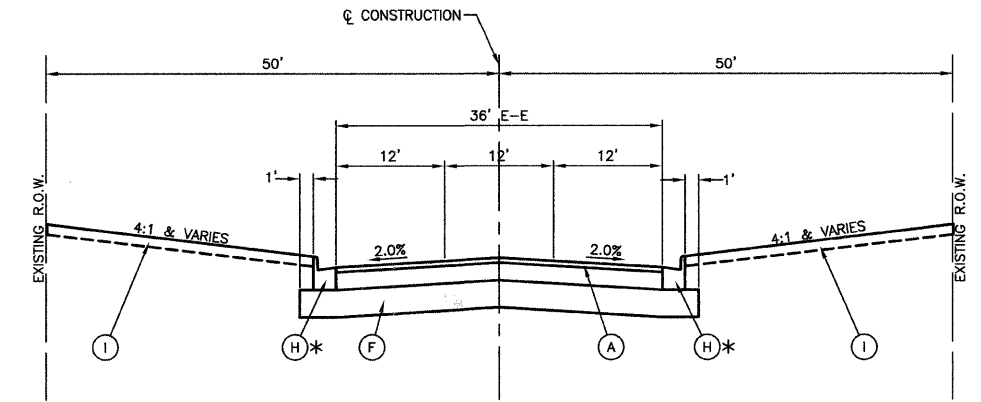


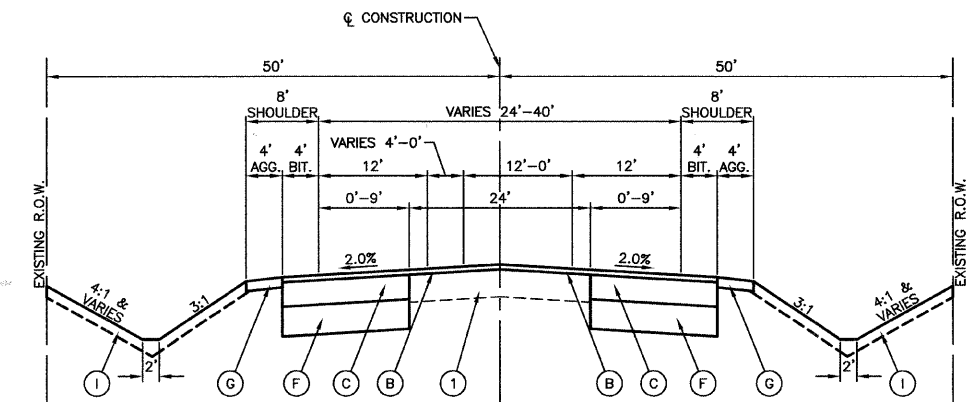
CONTRACT NO. 83956



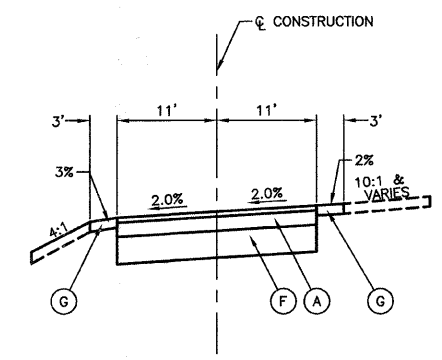
* HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL 19MM): 8" (CE)
PROPOSED TYPICAL CROSS SECTION
 WEST PRIVATE DRIVE - STA 8+97.79 TO STA 10+43.18



* CURB AND GUTTER BEGINS: STA. 12+13.94 LEFT
 STA. 12+71.55 RIGHT
PROPOSED TYPICAL CROSS SECTION
 151ST STREET - STA 11+98.61 TO STA 48+87.30



PROPOSED TYPICAL CROSS SECTION
 IL RTE 171 (ARCHER AVE.) - STA 115+00.64 TO STA 130+91.64



PROPOSED TYPICAL CROSS SECTION
 151ST COURT - STA 81+25.71 TO STA 82+88.78

EARTHWORK SCHEDULE

ITEM	CUBIC YARD
EARTH EXCAVATION	16367
EMBANKMENT	3080*
CUT TO FILL	2678
TOPSOIL STRIPPING	3001
R&D OF UNSUIT	1637

* NOTE: SHRINKAGE FACTOR = 15%

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm), 2"	PG 64-22	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 7"	PG 64-22*	4% @ 50 Gyr.
RESURFACING (OVERLAY)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"	PG 64-22	4% @ 70 Gyr.
LEVELING BINDER (MACHINE METHOD), N70, 3/4" & VARIES	PG 64-22	4% @ 70 Gyr.
PAVEMENT WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10"	PG 64-22*	4% @ 70 Gyr.
DRIVEWAYS		
HMA SURFACE COURSE, MIX "C" N50 (IL 9.5mm), 2"	PG 64-22	4% @ 50 Gyr.
HMA BASE COURSE (HMA BINDER IL-19mm); PE-6", CE-8"	PG 64-22*	4% @ 50 Gyr.

NOTE:

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58 -22.
- LEVELING BINDER (MACHINE METHOD), N70 TO BE USED AS DIRECTED BY THE ENGINEER TO ACHIEVE A UNIFORM CROSS SLOPE OF 2%.

LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"
- (C) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10"
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5MM), 2"
- (E) HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL 19MM): PE-6", CE-8"
- (F) AGGREGATE SUBGRADE, 12"
- (G) AGGREGATE SHOULDERS, TYPE B-4"
- (H) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (I) SODDING, SALT TOLERANT; TOPSOIL, 4", WITH FERTILIZER NUTRIENTS OR SEEDING, CLASS 2A WITH FERTILIZER NUTRIENTS AND EROSION CONTROL BLANKET
- (J) PAVEMENT REMOVAL (PAID FOR AS EARTH EXCAVATION)
- (1) EXISTING HOT-MIX ASPHALT PAVEMENT - 5-3/4" TO 12"
- (2) EXISTING SAND AND GRAVEL BASE COURSE - 4" TO 8"
- (3) EXISTING HOT-MIX ASPHALT SHOULDER
- (4) EXISTING AGGREGATE SHOULDER
- (5) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (6) EXISTING P.C.C. SIDEWALK

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**151ST STREET IMPROVEMENT
 TYPICAL CROSS SECTIONS**

SCALE: VERT. N/A
 HORIZ. N/A
 DATE: 11-21-07

DRAWN BY: RG
 CHECKED BY: JMN

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