

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE COURSE, 1 1/2" & VARIES
- (B) HOT-MIX ASPHALT BINDER COURSE, 1 1/2" & VARIES
- (C) P.C. CONCRETE PAVEMENT OR BASE COURSE, 10"
- (D) P.C. CONCRETE PAVEMENT, 10 1/2"
- (E) AGGREGATE SUBGRADE, 12"
- (F) SUB-BASE GRANULAR MATERIAL (VARIES 4" TO 6")
- (G) POROUS GRANULAR EMBANKMENT SUBGRADE (THICKNESS VARIES)
- (H) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (I) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (J) P.C.C. SIDEWALK

**PROPOSED LEGEND**

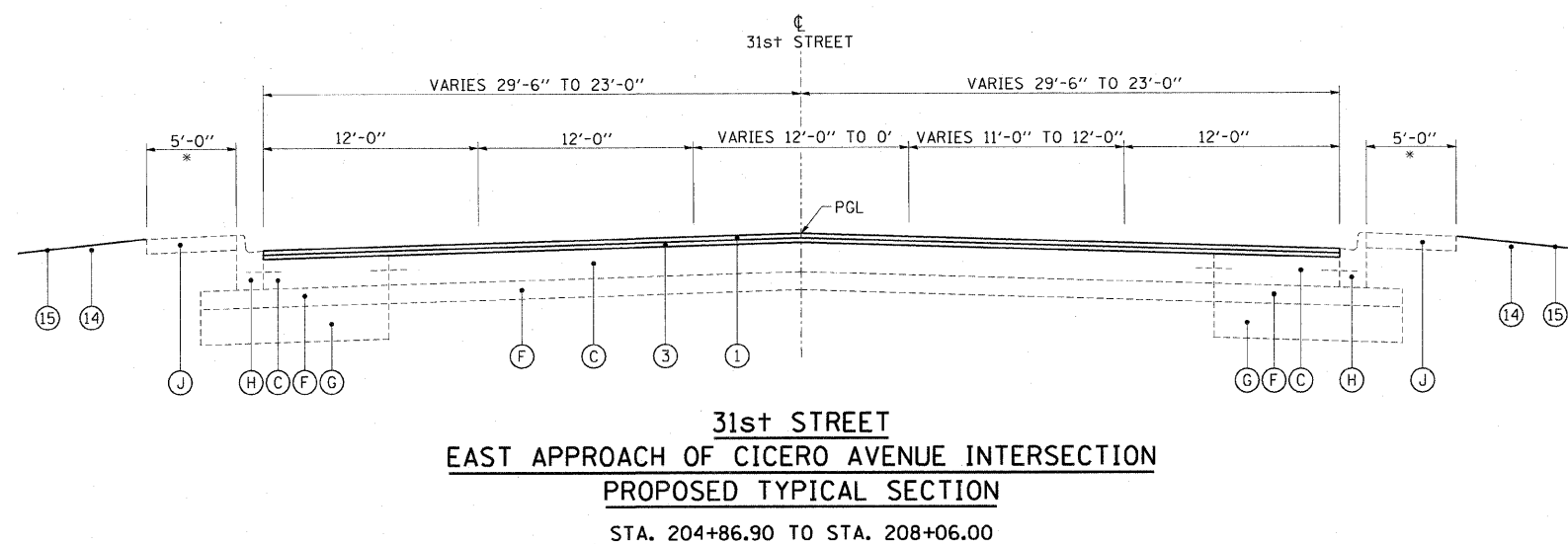
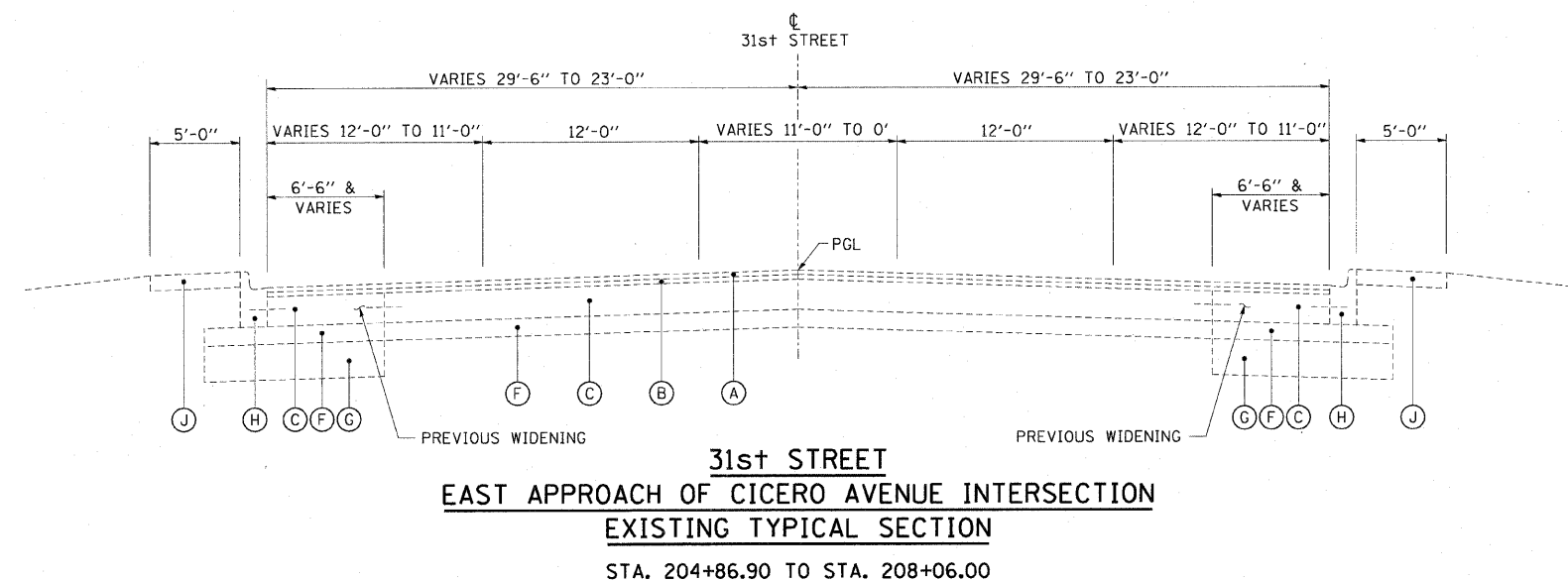
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (2) LEVELING BINDER (MACHINE METHOD), N70, 1"
- (3) LEVELING BINDER (MACHINE METHOD), N70, 1 1/2"
- (4) P.C. CONCRETE BASE COURSE, 1 1/4"
- (5) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (6) P.C. CONCRETE PAVEMENT, 10 1/2" (JOINTED)
- (7) AGGREGATE SUBGRADE, 12"
- (8) POROUS GRANULAR EMBANKMENT SUBGRADE, 12"
- (9) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (10) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (11) HOT-MIX ASPHALT SHOULDERS, 6"
- (12) P.C.C. SIDEWALK, 5"
- (13) \*6 EPOXY-COATED REINF. BAR @ 24" C-C, 24" LONG, DRILLED & GROUTED (COST INCLUDED IN COMBINATION CONCRETE CURB & GUTTER)
- (14) TOPSOIL FURNISH AND PLACE, 4"
- (15) SODDING/SEEDING, (SEE LANDSCAPE PLANS)
- (16) \*6 EPOXY-COATED REINF. BAR @ 24" C-C, 24" LONG, DRILLED & GROUTED (COST INCLUDED IN PCC PAVEMENT / BASE COURSE)

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

| MIXTURE TYPE                                 | AC TYPE          | AIR VOIDS           | THICKNESS           |
|--|------------------|---------------------|---------------------|
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 | PG 64-22         | 4% @ 70 GYR.        | 1 1/2"              |
| LEVELING BINDER (MACHINE METHOD), N70        | PG 64-22*        | 4% @ 70 GYR.        | 1" TO 1 1/2"        |
| HOT-MIX ASPHALT SHOULDERS, 6"                | PG 64-22*        | 2% @ 30 GYR.        | 6"                  |
| <b>TEMPORARY PAVEMENT</b>                    |                  |                     |                     |
| TEMPORARY PAVEMENT (HMA BINDER IL-19mm)      | PG 64-22*        | 4% @ 50 GYR.        | 10 1/2"             |
| HMA SURFACE COURSE, MIX "D", N50 (IL-9.5mm)  | PG 64-22         | 4% @ 50 GYR.        | 1 1/2"              |
| CLASS D PATCHES (HMA BINDER IL-19mm)         | PG 64-22*        | 4% @ 70 GYR.        | 10"                 |
| <b>HMA REPLACEMENT OVER PATCHES</b>          | <b>PG 64-22*</b> | <b>4% @ 70 GYR.</b> | <b>3" (3 LIFTS)</b> |

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.



\* IN AREAS WHERE PROPOSED SIDEWALK IS TO BE RECONSTRUCTED ALONG THE BACK OF CURB IT SHALL BE 7'-0" IN WIDTH (SEE PLANS FOR LOCATIONS).

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
31st STREET  
**TYPICAL SECTIONS**  
**31st STREET**  
**II OF III**

SCALE: N.T.S. DRAWN BY: CJO  
DATE: APRIL 8, 2008 CHECKED BY: MJJ