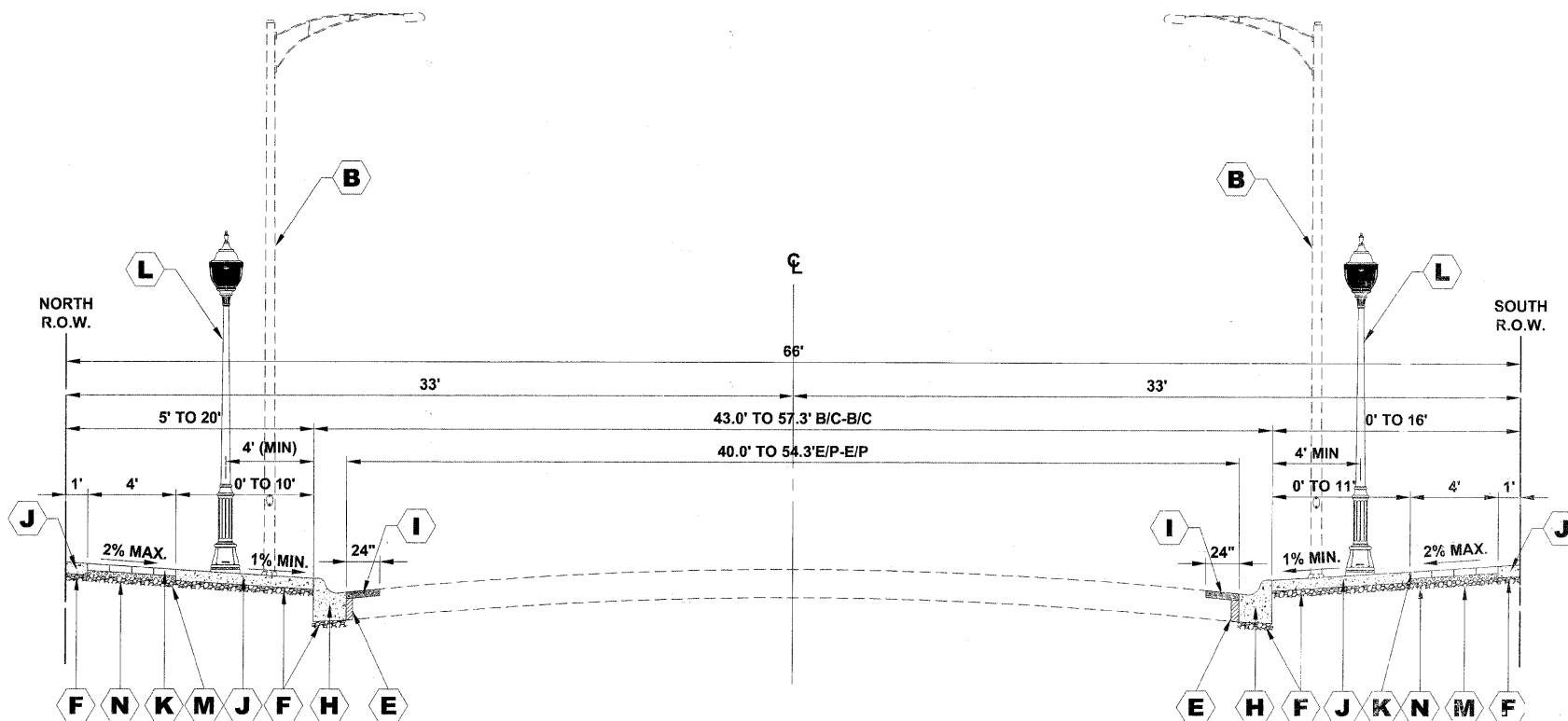


**EXISTING TYPICAL CROSS SECTION**  
**GRAND AVENUE**  
**STATION 00+00 TO STATION 4+00**



**PROPOSED TYPICAL CROSS SECTION**  
**GRAND AVENUE**  
**STATION 00+00 TO STATION 4+00**

**SYMBOL**

**DESCRIPTION**

- A** COMBINATION CONCRETE CURB AND GUTTER REMOVAL (AS NOTED ON PLANS)
- B** EXISTING ROADWAY LIGHT POLE, 35' MOUNTING HEIGHT WITH 8' OR 12' MAST ARM AT APPROXIMATELY 180' SPACING
- C** EXISTING PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL TO BE PAID FOR AS SIDEWALK REMOVAL (SPECIAL)
- D** EXISTING SIDEWALK AREA - PORTLAND CEMENT CONCRETE, ASPHALT, OR AS NOTED ON PLANS REMOVAL TO BE PAID FOR AS SIDEWALK REMOVAL OR DRIVEWAY REMOVAL AS NOTED ON PLANS
- E** 6" CONCRETE WEDGE (INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL))
- F** STONE BEDDING MATERIAL (2")
- G** AGGREGATE BASE COURSE, TYPE B, 4"
- H** COMBINATION CONCRETE CURB AND GUTTER WITH COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- I** HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- J** PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- K** PAVING BRICK SIDEWALK
- L** DECORATIVE LIGHT POLE, ALUMINUM, 12' MOUNTING HEIGHT WITH DECORATIVE ACORN STYLE LUMINAIRE, SODIUM VAPOR, TENON MOUNT, 70 WATT
- M** GEOTECHNICAL FABRIC (SPECIAL)
- N** PORTLAND CEMENT CONCRETE BASE COURSE 6"
- O** EXISTING PAVEMENT (HMA SURFACE COURSE OVER PCC BASE) THICKNESS OF PCC BASE +/- 8"
- P** HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

**HOT-MIX ASPHALT (HMA) MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT BASE COURSE, 2 1/4"	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	4% @ 70 GYR.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

**NOTE:**

USE PORTLAND CEMENT CONCRETE BASE COURSE 6" UNDER PAVING BRICK SIDEWALK, WHERE BRICK SIDEWALK BUTTS AGAINST CURB AND FOR PORTIONS OF SIDEWALK WITH KEYSTONE AND CROSS-WALKS. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER IN FIELD.

USE PORTLAND CEMENT CONCRETE BASE COURSE, 8" UNDER PAVING BRICK SIDEWALK, WHERE BRICK SIDEWALKS CROSS DRIVEWAY PAVEMENTS. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER IN FIELD.

Drawing file: W:\Projects\76010007 - Grand Ave Streetscape Stage II\5\_Typicals.dwg Jan 10, 2011 1:03pm

**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

USER NAME -	DESIGNED - MK	REVISED - 1-5-11 IDOT FINAL
	DRAWN - MK/LEV	REVISED - 6-28-10 IDOT PRE-FINAL
	CHECKED - CB	REVISED - 6-04-10 IDOT PSE
DATE - 03-02-10	REVISED - 3-19-10 MWRDGC	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GRAND AVENUE STREETSCAPE STAGE II**  
**TYPICAL CROSS SECTIONS**

SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1376	10-00095-00-SW	COOK	29	5
(FIELD BOOK NOS. 1441/1443/1516)		CONTRACT NO. 63511		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	TE-00D1(823)	

E.H.E PROJECT NO. 760-10-0070