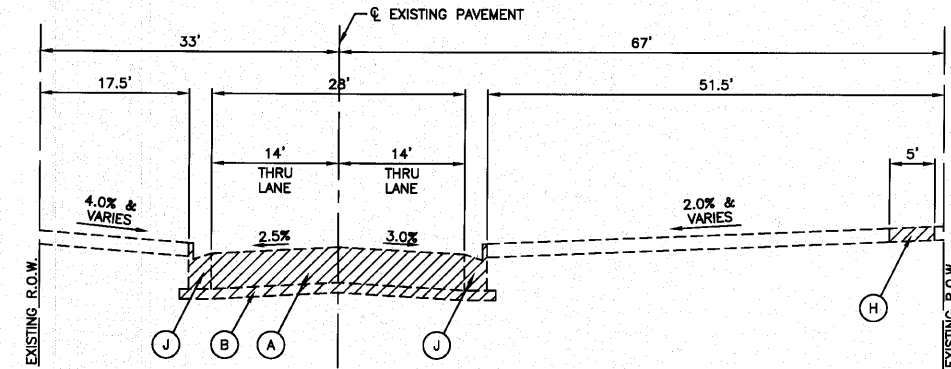
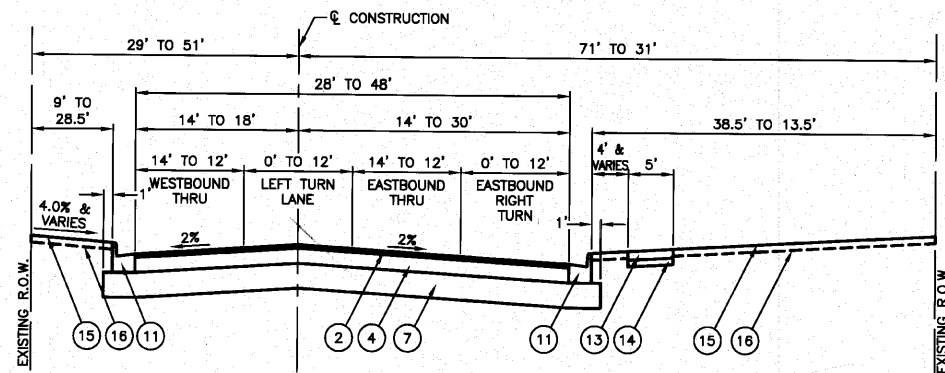


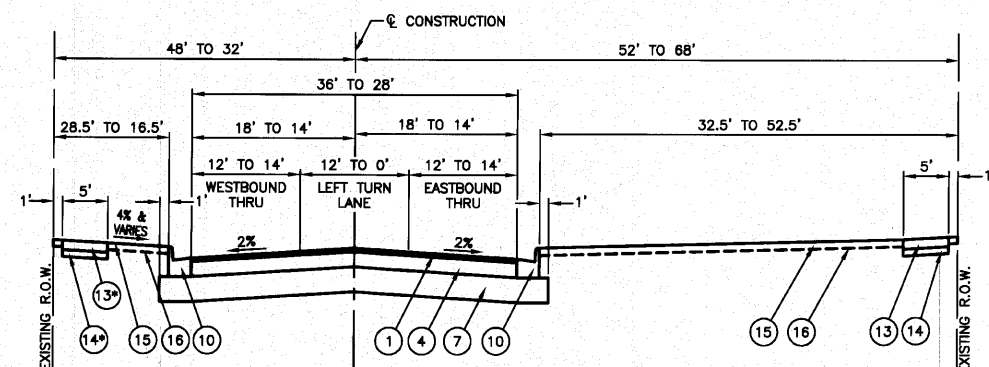
EXISTING TYPICAL CROSS SECTION
175TH STREET
STA 50+94.84 TO STA 56+17.70



EXISTING TYPICAL CROSS SECTION
175TH STREET
STA 56+82.32 TO STA 62+21.59



PROPOSED TYPICAL CROSS SECTION
175TH STREET
STA 50+94.84 TO STA 56+17.70



PROPOSED TYPICAL CROSS SECTION
175TH STREET
STA 56+82.32 TO STA 62+21.59

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
FULL DEPTH PAVEMENT - 175TH STREET (WEST LEG)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 2 INCH	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6.25 INCH	4% @ 50 Gyr.
FULL DEPTH PAVEMENT - 175TH STREET (EAST LEG)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm); 2 INCH	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6.25 INCH	4% @ 50 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm); 2 INCH	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0mm); PE-4 INCH, CE-8 INCH	4% @ 50 Gyr.
HARLEM AVENUE PAVEMENT WIDENING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm); 1 3/4 INCH	4% @ 90 Gyr.
LEVELING BINDER (MACHINE METHOD), N70 (IL-9.5mm); 0.75 INCH	4% @ 70 Gyr.
STABILIZED SUB-BASE HOT-MIX ASPHALT, 4 INCH	2% @ 30 Gyr.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 1 1/2 INCH	4% @ 50 Gyr.
TEMPORARY PAVEMENT (HMA BINDER IL-19mm), 8 1/2 INCH	4% @ 50 Gyr.

NOTE:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
2. 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.

FILE NAME = 06508-TYPX-01	USER NAME =	DESIGNED - WPD	REVISED -
		CHECKED - WPD	REVISED -
	PLOT SCALE =	DRAWN - AG	REVISED -
	PLOT DATE = 10-14-10	CHECKED - ACAD	REVISED -

LEGEND

- (A) HMA PAVEMENT, 6" TO 9"
- (B) CRUSHED STONE BASE COURSE, 4" TO 6"
- (C) HMA SURFACE COURSE, 2 1/2"
- (D) PCC PAVEMENT, 10"
- (F) STABILIZED SUBBASE, 4"
- (G) PCC MEDIAN
- (J) COMBINATION CONCRETE CURB & GUTTER
- (H) PCC SIDEWALK
- (Hatched) ITEMS TO BE REMOVED
- (1) HMA SURFACE COURSE, MIX "C", N50, 2"
- (2) HMA SURFACE COURSE, MIX "D", N50, 2"
- (3) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
- (4) HMA BINDER COURSE, IL-19.0, N50, 6 1/4"
- (5) LEVELING BINDER (MACHINE METHOD) N70, 3/4"
- (6) PCC BASE COURSE, 10"
- (7) AGGREGATE SUB-GRADE, 12"
- (8) STABILIZED SUB-BASE, HMA, 4"
- (9) TYPE B CURB, 6"
- (10) TYPE B-6.12 COMBINATION CONCRETE CURB & GUTTER
- (11) TYPE B-6.24 COMBINATION CONCRETE CURB & GUTTER
- (12) CONCRETE MEDIAN SURFACE COURSE, 4"
- (13) PCC SIDEWALK, 5"
- (14) SUB-BASE GRANULAR MATERIAL, 4"
- (15) SEEDING, CLASS 2A
- (16) TOPSOIL, FURNISH & PLACE, 4"
- (17) #8 DEFORMED BAR, 24" @ 24" C-C

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	UNSUITABLE OR UNSTABLE MATERIAL	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
STA. 50+94.84 TO STA. 56+17.70	2257	462	1693	27	1666
STA. 56+82.32 TO STA. 62+21.59	1566	154	1175	63	1112
TOTAL	3823	616	2868	90	2778

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION

SCALE: NA SHEET NO. 8 OF 60 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	06-00104-00-CH	COOK	60	8
CONTRACT NO. 63453				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT#HSIP-8003 (851)				