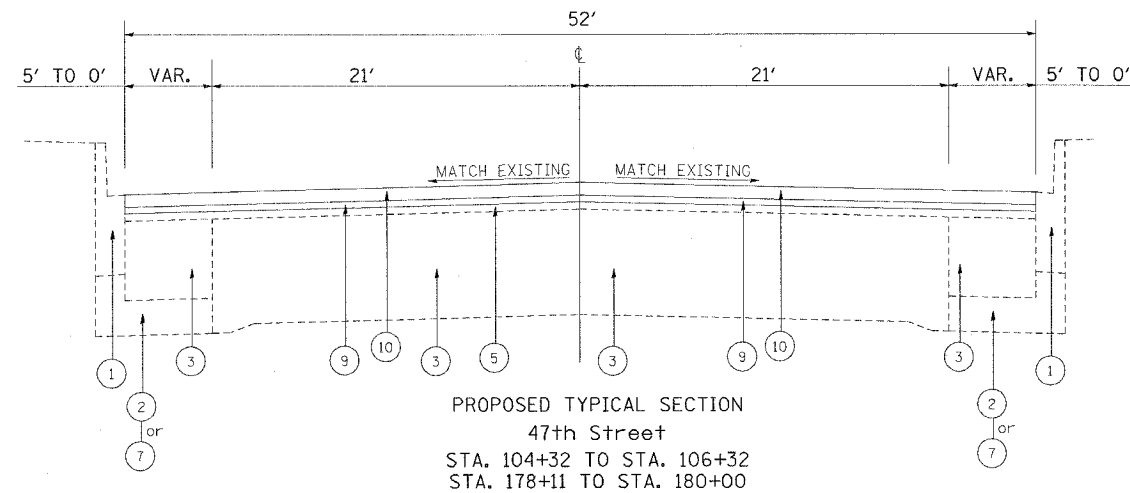
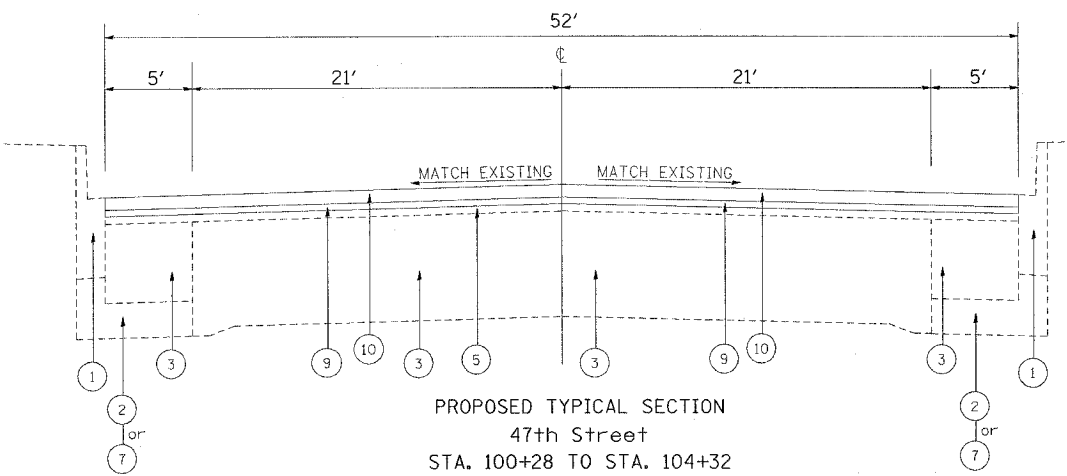
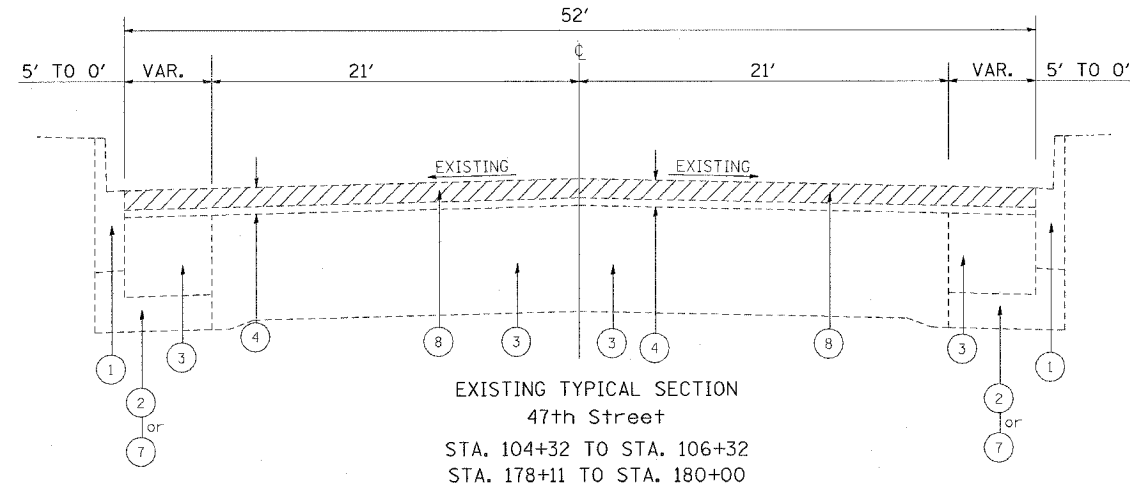
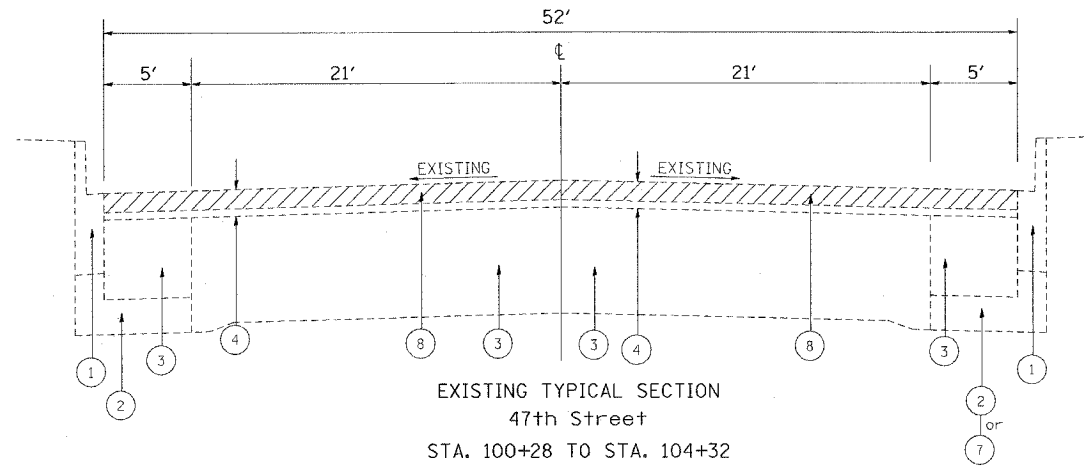


| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-----------|-------------------------------|--------------|-----------|
| 1488 | 3212 RS-2 | COOK | 32 | 5 |
| STA. 100+28 TO STA. 104+32 | | TO STA. 178+11 TO STA. 180+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



HOT-MIX ASPHALT MIXTURE REQUIREMENTS

| MIXTURE USES | POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 | HOT-MIX ASPHALT SURFACE, MIX "D", N70 (IL-9.5 MM) | HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (BINDER IL-19MM) | CLASS D PATCHES (BINDER IL-19MM) | PARTIAL DEPTH PATCHING (2") (BINDER IL-19MM) |
|------------------|--|---|---|----------------------------------|--|
| AC/PG | SBS/SBR PG 76-28/22 | PG 64-22 | PG 64-22/58-22 | PG 64-22/58-22 | PG 64-22/58-22 |
| DESIGN AIR VOIDS | 4.0% @ 50 GYR | 4.0% @ 70 GYR | 4% @ 70 GYR | 4% @ 70 GYR | 4% @ 70 GYR |

— THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIX QUANTITIES IS 112 LBS/SY/IN
 — WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER SHALL BE PG 58/22

LEGEND

- ① EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (MODIFIED)
- ② EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B (4")
- ③ EXISTING PC CONC. BASE COURSE VARIES 7 1/2" TO 9 1/2" ±
- ④ EXISTING HOT-MIX ASPHALT OVERLAY VARIES 4 1/2" TO 10" ±
- ⑤ EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING
- ⑥ EXISTING P.C. CONCRETE BARRIER MEDIAN
- ⑦ EXISTING SUB-BASE GRAN MATERIAL, TYPE B (6")
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|---------------|------|--|
| NAME | DATE | |
| | | 47TH STREET EXISTING AND PROPOSED TYPICAL CROSS SECTIONS |
| | | |
| | | |
| | | |
| | | |
| | | |
| SCALE: N.T.S. | | DRAWN BY |
| DATE | | CHECKED BY |

PLOT DATE = 3/28/2007
 FILE NAME = c:\projects\105705\design\adgn
 PLOT SCALE = 2500.0000 / IN.
 USER NAME = abreuah