TOTAL SHEET SHEETS NO. HOT-MIX ASPHALT MIXTURE REQUIREMENTS FAU RTE SECTION COUNTY FAU 2916 08-00041-00-RS COOK PERCENT AIR VOIDS MIXTURE TYPE AC TYPE ILLINOIS PROJECT M-8003(981) F.H.W.A. REG. CONTRACT NO. 63174 ROADWAY HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 (IL-9.5mm) 4% @ 70 GYR PG 64-22 IMPORTANT! SBS/SBF 4% @ 50 GYR POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1" PG 76-28/-22 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED DRIVEWAYS SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED 4% @ 50 GYR INCIDENTAL HOT-MIX ASPHALT SURFACING, MIX "C", N50, (IL 9.5 mm), 3" PG 64-22 IN TITLE BLOCK. **PATCHING** *PG 64-22 4% @ 70 GYR CLASS D PATCHES, TYPE III-IV, 8", (HMA BINDER IL-19.0mm) THE UNIT WEIGHT 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. Q−R¦.O.W. Ç−R¦,O.W. 33'-50' 12.08' | 6.92' & VARIES 0' TO 17' 12.58' VARIES 6.92' & VARIES | 2.08' | 18' & VARIES 18' & VARIES 6.42' TO 11.42' | 2.58' | 0' TO 5' & VARIES & VARIES & VARIES 2% 2% 1.56% 1.56% EXISTING 5' WIDE CONCRETE EXISTING 5' WIDE CONCRETE EXISTING HOT-MIX ASPHALT SIDEWALK (TYPICAL) SIDEWALK (TYPICAL) EXISTING CONCRETE BASE COURSE, 9" EXISTING COMBINATION CONCRETE EXISTING COMBINATION CONCRETE
CURB & GUTTER, TYPE B-6.24 BASE COURSE CURB & GUTTER, TYPE B-6.18 EXISTING CONCRETE HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" EXISTING HOT-MIX ASPHALT HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" (TYPICAL) (TYPICAL) BASE COURSE, 9" (FULL WIDTH) BASE COURSE, 12" EXISTING HOT-MIX ASPHALT EXISTING CONCRETE BASE COURSE, 7" BASE COURSE, 9"
STA. 26+49 TO 35+35 AND
STA. 39+71 TO 46+07 ONLY EXISTING SUBBASE GRANULAR MATERIAL, -EXISTING SUBBASE GRANULAR MATERIAL, (TYPICAL BOTH SIDES) TYPE B, 4" THICKNESS TYPE B, 4" THICKNESS -EXISTING HOT-MIX ASPHALT BINDER COURSE EXISTING HOT-MIX ASPHALT LEVELING BINDER **EXISTING** EXISTING HOT-MIX ASPHALT SURFACE **EXISTING** EXISTING HOT-MIX ASPHALT BINDER COURSE, 2" THICKNESS - EXISTING HOT-MIX ASPHALT SURFACE. 2" THICKNESS Ģ−R|.O.W. Ç-RIO.W. 33' 33' - 50PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70., 1-1/2" PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1", AND AS NEEDED TO RESTORE 2% CROWN N50, 1", AND AS NEEDED TO RESTORE 2% CROWN 2% MIN. CROWN 2% MIN. CROWN 2% MIN. CROWN 2% MIN. CROWN AGGREGATE (PRIME COAT) AT A RATE OF 2 LBS/SY OVER BIT. MATERIALS (PRIME COAT) AT 0.10 GAL/S.Y. AGGREGATE (PRIME COAT) AT A RATE OF 2 LBS/SY OVER BIT. MATERIALS (PRIME COAT) AT 0.10 GAL/S.Y. ∠"CONCRETE DRIVEWAY PAVEMENT REMOVAL" AND DENOTES CLASS D PATCHES, TYPE III & IV, 8"- AS -DENOTES CLASS D PATCHES, TYPE III & IV, 8" - AS DIRECTED "PCC DRIVEWAY PAVEMENT, 7 INCH", "CONCRETE DRIVEWAY PAVEMENT REMOVAL" AND DIRECTED EXISTING COMBINATION CONCRETE CURB & GUTTER,-"PCC DRIVEWAY PAVEMENT, 7 INCH", EXISTING COMBINATION CONCRETE CURB & GUTTER,-OR "DRIVEWAY PAVEMENT REMOVAL" AND TYPE B-6.24 REMOVED AND REPLACED TYPE B-6.24 REMOVED AND REPLACED "INCIDENTAL HOT-MIX ASPHALT SURFACING, N50" OR "DRIVEWAY PAVEMENT REMOVAL" AND (AS NOTED ON PLANS) (AS NOTED ON PLANS) (REPLACEMENT TO BE 3" THICK IN TWO LIFTS), "INCIDENTAL HOT-MIX ASPHALT SURFACING, N50" (REPLACEMENT TO BE 3" THICK IN TWO LIFTS), OR INCIDENTAL SODDING, SEE SHEET 12. OR INCIDENTAL SODDING, SEE SHEET 12. PROPOSED
STATE STREET-STA. 31+00 TO STA. 58+93 **PROPOSED** STATE STREET-STA. 0+00 TO STA. 31+00 TYPICAL CROSS SECTIONS SCALE: 1"=4" SIONS ROJECT NO SHEET TYPICAL CROSS SECTIONS 07434 AS NOTED Frank Novotny & Associates, Inc. VILLAGE OF LEMONT, ILLINOIS NO. BY DATE
1 THK 4/02/09
2 THK 4/07/09 DESCRIPTION DRAWN/DESIGNED HOT-MIX ASPHALT OF FEB., 2009 STATE STREET LAPP RESURFACING PER I.D.O.T. REVIEW MIXTURE REQUIREMENTS 825 Midway Drive ♦ Willowbrook, IL ♦ 60527 ♦ Telephone: (630) 887-8640 ♦ Fax: (630) 887-0132 FIELD BOOK NO. SECTION 08-00041-00-RS SHEETS JFP/JLC FILE Illinois Professional Design Firm No. 184-000928