1004 05-00079-01-FP соок TO STA. 2315 Enterprise Drive - Suite 102 Westchester, IL 60154-5811 708-492-1000 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT No. 63007 WEST R.O.W. BASELINE PAVEMENT **DESIGN DATA** CLASSIFICATION OF ROADWAY: CLASS II ROADWAY
DESIGN PERIOD: 20 YEARS
PROJECTED AVERAGE DAILY TRAFFIC: 4157
% OF PASSENGER VEHICLES (PV): 99%
% OF SINGLE UNIT TRUCKS (SU): 0.5%
% OF MULTI UNIT TRUCKS (MU): 0.5%
SUBGRADE SUPPORT RATING (SSR): FAIR 66.0 FT. ROW 10.7 30.0' F-F 15' DRIVING LANE 15' DRIVING LANE PARKING ALLOWED ON EAST CHECKED SIDE (NON-CONTINUOUS) VARIABLE VARIABLE RATES OF APPLICATION VARIABLE VARIABLE THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES: EXISTING P.C.C. SIDEWAL EXISTING P.C.C. SIDEWALK 112 LBS/SY/IN . 1.8 TON/CY . 0.35 GAL/SY EXISTING GRASS PARKWAY EXISTING GRASS PARKWAY EXISTING BARRIER CURB EXISTING BARRIER CURB 0.10 GAL/SY - EXISTING BITUMINOUS CONCRETE SURFACE 5" ± EXISTING P.C.C. BASE 5" ± EXISTING SUBGRADE HOT-MIX ASPHALT MIXTURE REQUIREMENTS **EXISTING TYPICAL SECTION MIXTURE TYPE AC TYPE AIR VOIDS** STA 29+90.55 - STA 45+53.65 **COSSITT AVENUE TO BURLINGTON AVENUE FULL DEPTH PAVEMENT**; HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50 (IL 9.5mm) 4% @ 50 GYR HOT-MIX ASPHALT BINDER COURSE IL-9.0, N50 PG 64-22 * 4% @ 50 GYR HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm) PG 64-22 * 4% @ 50 GYR **PATCHING** 13.5' DRIVING LANE WIDTH 13.5' DRIVING CLASS D PATCHES (HMA BINDER IL-19mm) PG 64-22 * 4% @ 70 GYR PROFILE GRADE LINE * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22 VARIABLE, 2% TYPICAL VARIABLE, 2% TYPICAL VARIABLE, 2% TYPICAL VARIABLE, 2% TYPICAL THE UNIT WEIGHT USED TO CALCULATE ALL HAM SURFACE MIXTURE QUANTITIES IS 112 LBS . 40/12 RESTORE WITH TOPSOIL FURNISHED AND PLACED (4") AND SODDING (SALT TOLERANT) AS REQUIRED RESTORE WITH TOPSOIL FURNISHED AND PLACED (4") AND SODDING (SALT TOLERANT) AS REQUIRED P.C.C. SIDEWALK, 5" WITH SUB-BASE GRANULAR — MATERIAL, TYPE B, 2" (INCIDENTAL TO THE COST OF THE P.C.C. SIDEWALK, 5") HOT-MIX ASPHALT SURFACE P.C.C. SIDEWALK, 5" WITH SUB-BASE GRANULAR MATERIAL, TYPE B, 2" (INCIDENTAL TO THE COST OF THE P.C.C. SIDEWALK, 5") - HOT-MIX ASPHALT BINDER COURSE, 2-1/4" RESTORE WITH TOPSOIL FURNISHED AND PLACED (4")—AND SODDING (SALT TOLERANT) AS REQUIRED RESTORE WITH TOPSOIL FURNISHED AND PLACED (4")
 AND SODDING (SALT TOLERANT) AS REQUIRED BITUMINOUS MATERIAL (PRIME COAT) COMBINATION CONCRETE -CURB AND GUTTER, TYPE B-6.18
ON BEDDING AGGREGATE (2" MIN)
(INCIDENTAL TO THE CONCRETE - HOT-MIX ASPHALT BASE COURSE, N50, 7-3/4" COMBINATION CONCRETE
CURB AND GUTTER, TYPE 8-6.18 CURB AND GUTTER, TYPE B-6.18) SUBBASE GRANULAR MATERIAL, TYPE B, 6" ILLINOIS DEPARTMENT OF TRANSPORTATION GEOTECHNICAL FABRIC FOR GROUND STABILIZATION BEDDING AGGREGATE (THICKNESS **BLUFF AVENUE IMPROVEMENTS** TO MATCH SUBBASE DEPTH)
(INCIDENTAL TO THE CONRETE
CURB AND GUTTER, TYPE B-6.18) STAGE 1 PROPOSED TYPICAL SECTION STA 29+90.55 - STA 45+53.65 **COSSITT AVENUE TO BURLINGTON AVENUE** TYPICAL SECTIONS SCALE: NTS

HEUER AND ASSOCIATES

TOTAL SHEET SHEETS No. SECTION COUNTY

DATE 07/18/2008

DRAWN BY H&A CHECKED BY PFH