STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPECIFICATIONS
CONCRETE DESIGN TO BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE "CODE FOR DESIGN AND CONSTRUCTION OF PORTLAND CEMENT CONCRETE STRUCTURES" (ACI 318) OR A SIMILAR CODE. MATERIALS TO BE IN ACCORDANCE WITH THE AMERICAN SOCIETY FOR TESTING AND MATERIALS "STANDARDS ON CEMENT" (ASTM C150) OR A SIMILAR CODE. ALL OTHER MATERIALS TO BE IN ACCORDANCE WITH THE AMERICAN SOCIETY FOR TESTING AND MATERIALS "STANDARDS" (ASTM) OR A SIMILAR CODE.

DESIGN DATA
LIVE LOAD
COOPER II BD
ALLOWABLE PRESSURES
1. TENSION REINFORCEMENT, BARS: #6, GRADE 60 = 2,600 PSI
2. COMPRESSION STRENGTH: CONCRETE AT 14 DAYS = 2,500 PSI
3. COMPRESSION STRENGTH OF REBAR = 460,000 PSI
4. SERVICE PIPING CONCRETE = 650 PSI

CURVE DATA
SPIRAL & CIRCULAR CURVE INFORMATION
PI STA: 33+45.05
CI STA: 33+45.05
RI STA: 33+45.05
RI END: 33+72.07
DESIGN SPEED: 70 MPH

NOTE:
FOUNDATION TREATMENT TO BE DETERMINED BY DESIGN CONSULTANT AFTER RECEIVING SOIL INFORMATION FROM BPC AIRPORT PARTNERS.