F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	10-32HB-3,K	CHAMPAIGN	352	14

CONTRACT NO. 90758

STRUCTURAL PAVEMENT DESIGN INFORMATION

CURTIS ROAD

STRUCTURAL DESIGN TRAFFIC: 19,600 Year 2016

PV = 18,502 SU = 549 MU = 549

ROAD/STREET CLASSIFICATION: Other Principal Arterial (OPA) Class I

P = 32% S = 45% M = 45%

TRAFFIC FACTOR: Actual TF = 3.06 AC Type = 20

Minimum TF = N/A

PG GRADE: Binder = PG 64-22 Polymerized Binder = SBS PG 70-28
Polymerized Surface = SBS PG 70-28

SUBGRADE SUPPORT RATING:

SSR = Poor (Sta. 0+00 to Sta. 51+03.29)

CURTIS ROAD (T.R. 217A – WEST OF STALEY ROAD)

STRUCTURAL DESIGN TRAFFIC: 2,700 Year 2016

PV = 2,619 SU = 73 MU = 8

ROAD/STREET CLASSIFICATION: Local Street Class II

P = 50% S = 50% M = 50%

TRAFFIC FACTOR: Actual TF = 0.12 AC Type = 20

Minimum TF = 0.50

PG GRADE: Binder = PG 64-22 Polymerized Surface = SBS PG 70-28

SUBGRADE SUPPORT RATING:

SSR = Poor (Sta. 40+00 to Sta. 49+99.33)

STALEY ROAD (F.A.U. 7154) – NORTH OF CURTIS ROAD; F.A.S. 1519 – SOUTH OF CURTIS ROAD

STRUCTURAL DESIGN TRAFFIC: 8,950 Year 2016

PV = 8,618 SU = 251 MU = 81

ROAD/STREET CLASSIFICATION: Other Principal Arterial (OPA) Class II

P = 50% S = 50% M = 50%

TRAFFIC FACTOR: Actual TF = 0.60 AC Type = 20

Minimum TF = N/A

PG GRADE: Binder = PG 64-22 Leveling Binder = PG 64-22
Polymerized Surface = SBS PG 70-28

SUBGRADE SUPPORT RATING:

SSR = Poor (Sta. 237+00 to Sta. 257+00)

RAMPS A, B, C, & D

STRUCTURAL DESIGN TRAFFIC: 4,550 Year 2016

PV = 4,295 SU = 127 (150 Min.) MU = 127 (450 Min.)

ROAD/STREET CLASSIFICATION: Other Principal Arterial (OPA) Class II

P = 100% S = 100% M = 100%

TRAFFIC FACTOR: Actual TF = 1.28 AC Type = 20

Minimum TF = 3.81

PG GRADE: Binder = PG 64-22 Polymerized Binder = SBS PG 70-28
Polymerized Surface = SBS PG 70-28

SUBGRADE SUPPORT RATING:

SSR = Poor (Ramps A, B, C, & D)

COMMITMENTS

1. Parcel No. 5604012 - The Friendship Lutheran Church of Joy has been compensated for the trees within the proposed right of way and will be relocating them. They asked to be notified at least two weeks prior to construction to allow them time to relocate the 58 trees. Mark Wetzel is the contact person for the church. Mr. Wetzel can be reached at the following numbers: (217) 425 -8245 work or (217) 390-0508 cell.

2. Parcel No. 5604002 & 5604003 - As a result of Land Acquisition negotiations the following trees shall be placed on the First Christian Church property: 4 Colorado Spruce trees, 11 Colorado Blue Spruce trees, 4 Paperbark Maple trees, 7 Tri-Color Beech trees, 8 White Ash trees, 5 Red Maple trees, 5 Red Oak trees, 6 Red Sunset Red Maple trees, 5 Clump River Birch trees, 5 Pin Oak trees, 5 Autumn Purple White Ash trees, 6 Norway Maple trees, 7 Summit Green Ash trees, and 10 Emerald Arborvitae trees. Trees shall be planted during the Fall of 2006 or Spring of 2007 in accordance with Section 253.03 of the Standard Specifications for Road and Bridge Construction. Please coordinate with the First Christian Church Site Superintendent, Don Orr at (217)356-1649 for tree placement locations two weeks prior to delivery.

F.A.A. COORDINATION

BY RESIDENT ENGINEER

FAA COORDINATION (BY RESIDENT ENGINEER)
As required by CFR Title 14 Part 77.13 and in conjunction with the Obstruction Evaluation/Airport Airspace Analysis (OE/AAA) Process; forms (7460-1) Notice of Proposed Construction or Alteration were e-filed with the FAA on April 18, 2005. On June 27, 2005 the FAA issued a finding of: **"Determination of No Hazard to Air Navigation"** for all eighteen (18) highway lighting poles. Based on this determination and per phone conversation with FAA technician Carol Bernacchi on March 7, 2006 submittal of Form (7460-2) Notice of Actual Construction or Alteration is not required. However, the eighteen (18) month extension of this determination is required to extend through the completion date of this contract. As recommended by Mrs. Bernacchi, please request this extension by fax with all eighteen (18) ASN's indicated. Aeronautical Study Numbers (ASN) with latitude, longitude, Above Ground Level (AGL), Above Mean Sea Level (AMSL) elevations and letters from the FAA indicating their determination per individual highway lighting pole are included in the Resident Engineer file for documentation.

CONTACT INFORMATION: CAROLE BERNACCHI; PHONE: (847)294-8084;
FAX: (847)294-7457; carole.bernacchi@faa.gov

ILLINOIS DEPARTMENT OF TRANSPORTATION

STRUCTURAL PAVEMENT DESIGN INFORMATION, COMMITMENTS & F.A.A. COORDINATION