BOARD MEMORANDUM

TO: Indianapolis Public Transportation Corporation (IPTC) Board of Directors

THROUGH: President/CEO Inez P. Evans

FROM: Director of Governance & Audit Brian Atkinson

SUBJECT: Consideration and approval of Cyber Security Readiness Review

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ACTION ITEM A – 7

RECOMMENDATION:

Review and receive Governance & Audit Report 2022-4
Cybersecurity Readiness Review

BACKGROUND:

The FY 2022 Internal Audit Work Plan approved by the Governance and Audit Committee included a review of IndyGo's Cybersecurity Readiness.

DISCUSSION:

Cybersecurity risk has increased as transit agencies become more automated and data-intensive, with farecard acceptance, passenger counts, computer aided dispatch, automated vehicle location, signal management and other technologies. Visible threats have included ransomware attacks, phishing attempts, data breaches and network compromises.

Objective and Scope:

- Obtain an understanding of IndyGo's processes and controls and framework related to managing cybersecurity risk.

- Review key processes related to:
    - Threat and vulnerability assessment
    - Phishing and spoofing prevention, including training for employee awareness
    - Data management and protection Project roles and responsibilities
    - External vendor support and reporting
    - Cybersecurity program staffing and associated resources
    - Recently issued TSA Cybersecurity Information Guide
    - Consideration of The National Institute of Standards and Technology (NIST) Cybersecurity Framework

- Assess the effectiveness of the design and operation of internal controls.
- Identify potential opportunities for process and control improvements or revenue enhancement.

This review resulted in three observations relative to the inherent risk and pervasive nature of cybersecurity threats.

- Cybersecurity Plan, and compliance with TSA's recommended cybersecurity measures
- Cybersecurity Monitoring and Detection Tools
- Cybersecurity Policy

We did not perform a deep technical assessment, network scanning or penetration testing as part of this readiness assessment.

ALTERNATIVES:

N/A

FISCAL IMPACT:

No Fiscal Impact

DBE/XBE DECLARATION:

N/A

STANDING COMMITTEE DISCUSSION/RECOMMENDATION:

This action will be reviewed by the Governance & Audit Committee on July 21, 2022.