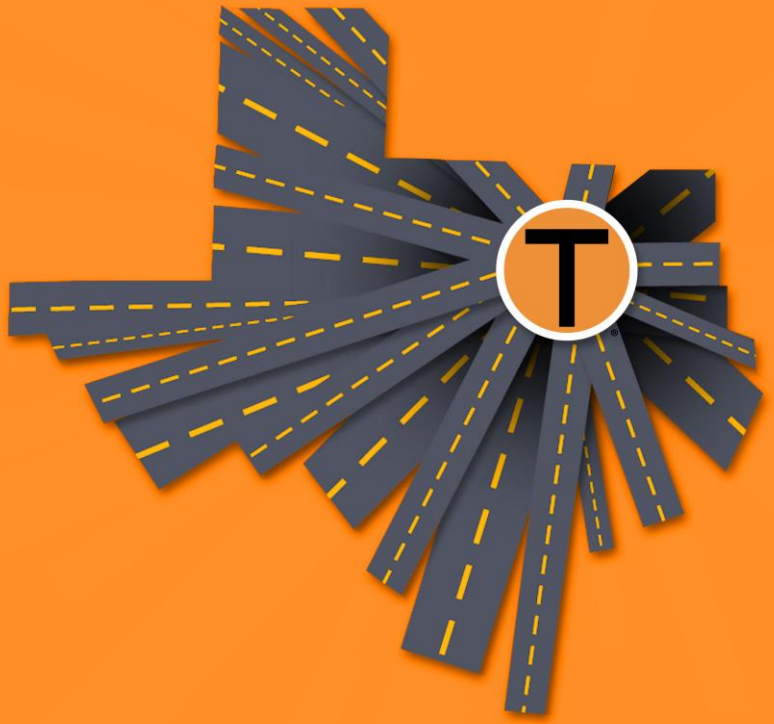


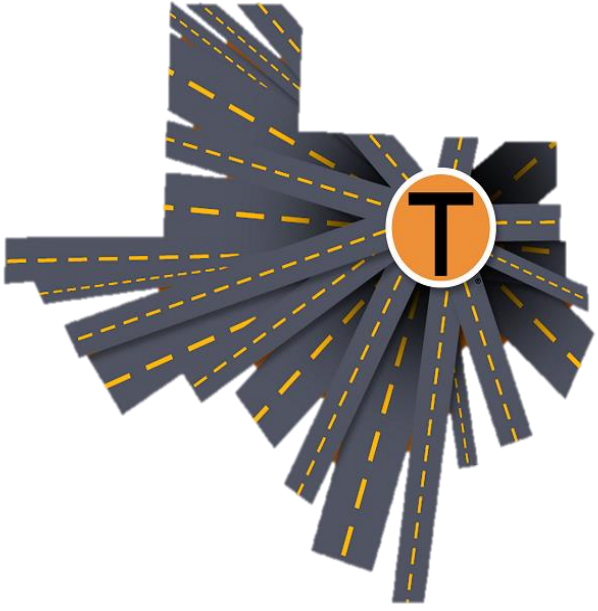
Information Technology Outreach Event

Sabu Stephen
Assistant Executive Director of Operations

Juhi Chawla
Interim Director of Information Technology

Thursday, October 17, 2019

Agenda Slide



1. IT Functions
2. Five-Year Capital Plan
3. IT Purchases
4. Project Highlights

NTTA
NORTH TEXAS TOLLWAY AUTHORITY

IT Functions

Lane Level Toll Collection

Intelligent Transportation System

Dedicated Fiber Network

Data Center

Call Center

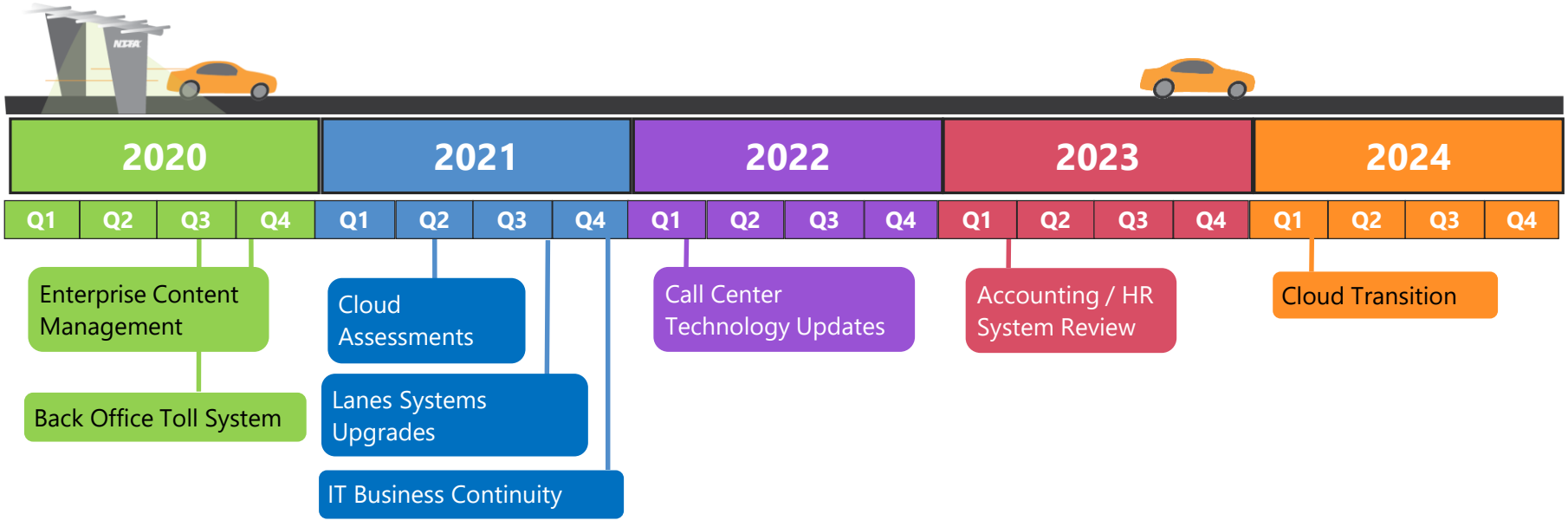
Back Office Toll Collection

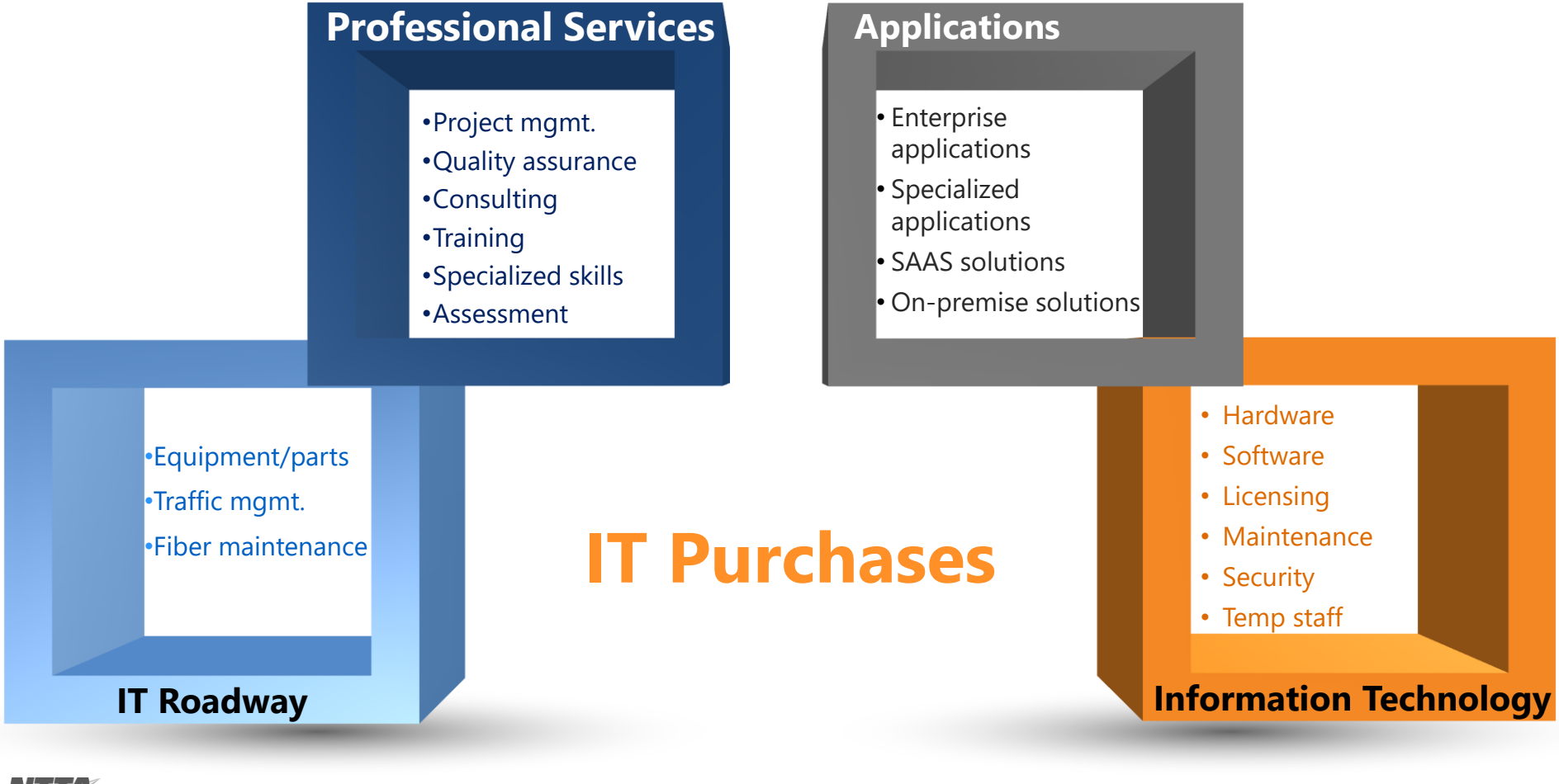
User Environment

Physical Security

Primary Business Applications

Five-Year Capital Plan: IT Road Map




Professional Services
•Project mgmt.
•Quality assurance
•Consulting
•Training
•Specialized skills
•Assessment
Applications
• Enterprise applications
• Specialized applications
• SAAS solutions
• On-premise solutions
•Equipment/parts
•Traffic mgmt.
•Fiber maintenance
IT Roadway
IT Purchases
• Hardware
• Software
• Licensing
• Maintenance
• Security
• Temp staff
Information Technology

Accounting/HR System Review

Current solution is PeopleSoft

Looking for next ERP System

- Finance

- Human Resources

- Procurement

- Careers

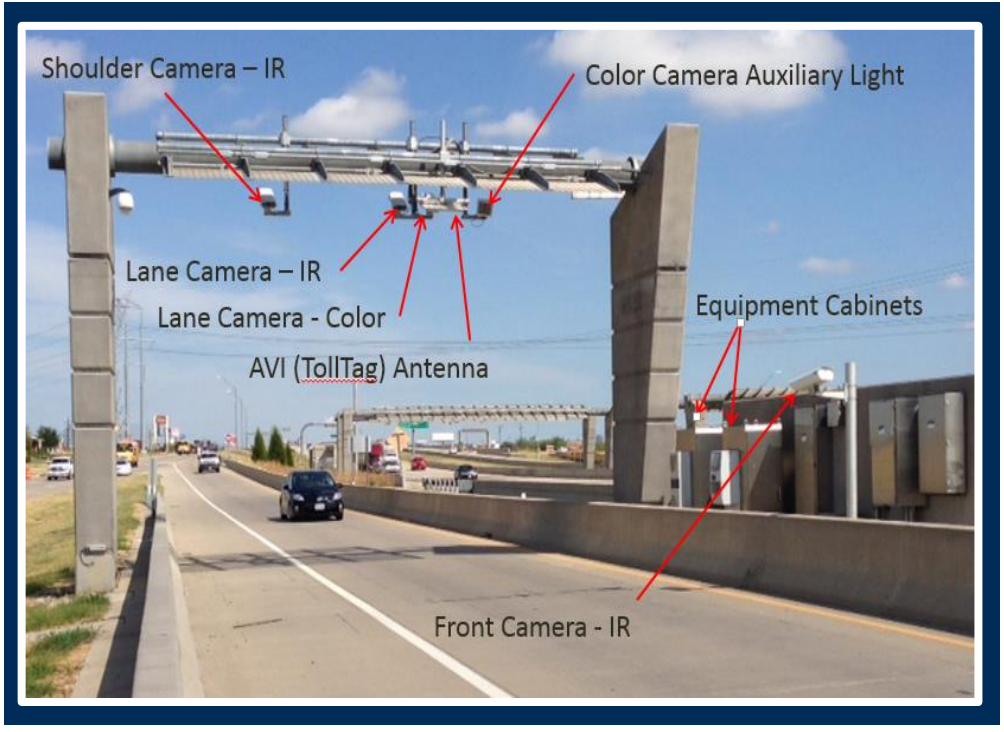
BI Migration

BI EOL is July 2022

Replacement Architecture is TBD

- 2020: BI Assessment
- 2021: Architecture POCs
- 2021: Plan Migration
- 2022: Execute Migration

Lane System Replacement



- Replace current technology
- Lane equipment (cameras, etc.)
- Application and services
- Professional services (PM, QA)
- Hardware (Lane Controllers)
- Traffic management

North Texas Tollway Authority

Our Mission

❖ **Provide** a safe and reliable toll road system ❖ **Increase** value and mobility options for customers ❖ **Operate** the Authority in a businesslike manner ❖ **Protect** our bondholders ❖ **Partner** to meet our region's growing need for transportation infrastructure