

TRAFFIC SIGNAL TECHNOLOGIES 2026 AWARDS INFORMATIONAL SESSION

Please enter your name, municipality you are representing, and email address in the Teams chat so we can track attendance

We will MUTE everyone when starting. Please UNMUTE if you would like to ask questions after the presentation.

AUGUST 19TH, 2026



**Pennsylvania
Department of Transportation**

ABOUT TRAFFIC SIGNAL TECHNOLOGIES

- TST originally created by Act 54 of 2022 on 7/11/22
 - Only authorized for state fiscal year 2022-23
 - \$5 million in addition to regular GLG funding (\$45M)
 - Specific eligibility requirements, no required match
 - Pre-application scoping opened 7/20/22
 - Considered a new program, applications 9/1/22 to 9/30/22
 - Awards announced 12/13/22
 - Required completion by 6/30/25
- No reauthorization for fiscal years 2023, 2024, and 2025
- Fiscal Code bill (Act 21 of 2026) reestablished TST on 7/12/26
 - Same eligibility as 2022 program, no required match
 - \$5 million must be spent on TST from GLG appropriation (no add'l money)
 - Applies every year beginning in 2026

ACT 21 OF 2026

Section 22.2. Section 1732-E of the act is amended to read:
Section 1732-E. Department of Transportation [(Reserved)].

The following shall apply to appropriations for the Department of Transportation:

(1) From money appropriated for traffic signals under 75 Pa.C.S. § 9511(e.1) (relating to allocation of proceeds), \$5,000,000 shall be used by the department to provide grants to municipalities to install and maintain traffic signal technologies at traffic control signals that will be connected to a central location using the Commonwealth communications network. Municipalities shall not be required to provide matching funds as a condition of receiving a grant under this paragraph. The following traffic signal technologies shall be eligible for a grant under this paragraph:

(i) A system that synchronizes and times traffic signals.

(ii) Adaptive signal control technology that utilizes sensors to monitor traffic flow, vehicle delay and queues in order to optimize the timing plan of the traffic signal in real time.

(iii) Controller, detection and communication technology to support traffic signal timing and synchronization updates using automated traffic signal performance measures.

(iv) Controller and communication technology to support unified command and control.

(2) (Reserved).

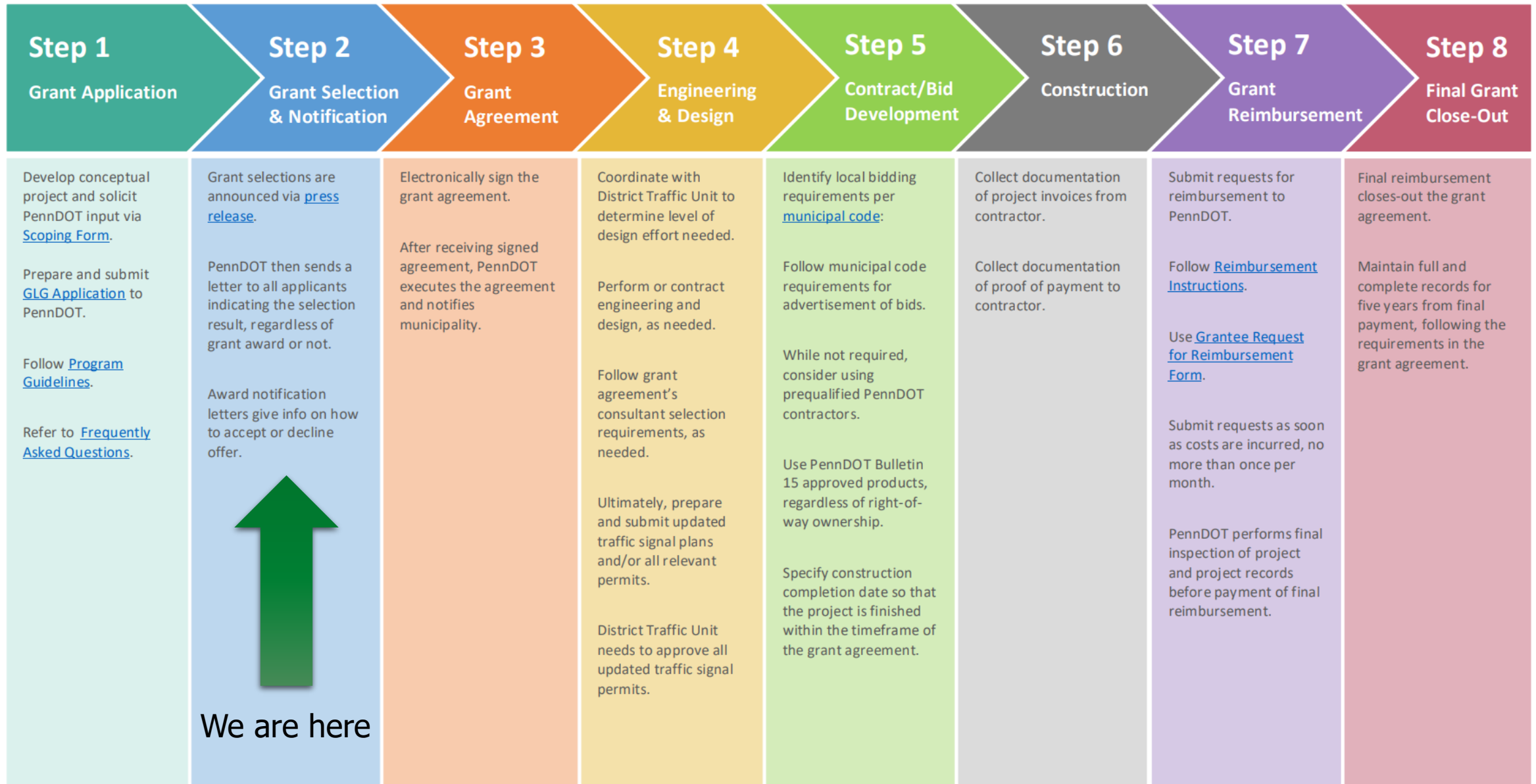
PENNDOT APPROACH TO NEW TST

- Since it references 75 Pa.C.S. §9511(e.1), which is used for GLG:
 - TST is now considered special part of GLG instead of its own program
 - All normal GLG terms and conditions apply, except for stricter eligibility and elimination of match requirement
 - Will use same form reimbursement agreement as GLG with match set to zero (eligibility addressed by inclusion of project scope in Exhibit B)
- For 2026, reviewed GLG applications:
 - Initial screening of projects with “Detector/Controller upgrades” to identify potentially eligible projects
 - Projects fully eligible were identified and offered to switch to TST
 - Projects nearly eligible were identified and suggested to eliminate non-eligible work and switch to TST (non-eligible work was less than 20% match)
 - \$5 million to use TST funds included in GLG press release on 8/4/26
- 2027 and beyond: will include TST option as part of GLG application

GREEN LIGHT-GO RESOURCES

- Geoff Boblick
 - GLG Consultant
 - 717.775.8845
 - c-gboblick@pa.gov
- Mallory Taramelli-Dickinson
 - GLG Consultant
 - 717.772.4451
 - c-mtaramel@pa.gov
- Mike Centi
 - Senior Traffic Control Specialist
 - 717.787.5313
 - mcenti@pa.gov
- Steve Gault
 - Chief, TSMO Arterials & Planning
 - 717.787.6988
 - sgault@pa.gov
- Resource Account
 - GLG@pa.gov
 - Reaches everyone on the team
 - Recommended for fastest response
- Web links
 - Signal Portal:
www.penndot.pa.gov/signals
 - Click on Green Light-Go
 - Direct link:
<https://docs.penndot.pa.gov/Public/Bureaus/BOO/TSPortal/FUNDGLG.html>
 - **Local Grant Process Overview**
 - **Reimbursement Instructions**
 - District contacts in **Program Info** link

GREEN LIGHT-GO LOCAL GRANT PROCESS



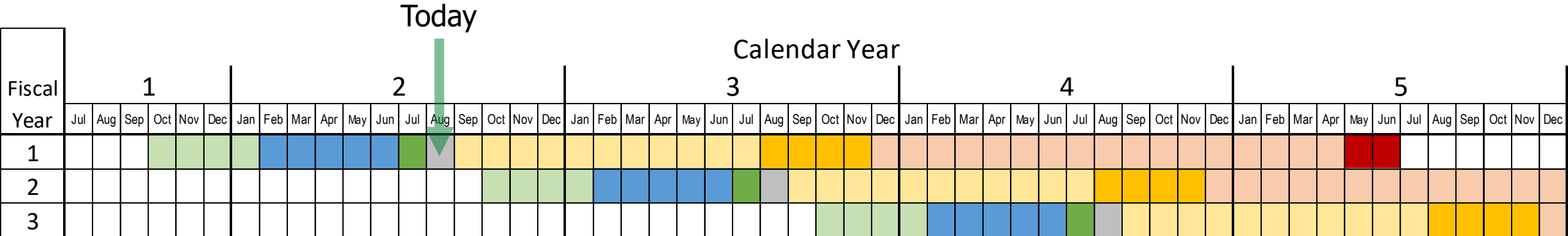
PROGRAM KEY REQUIREMENTS

- No reimbursable costs may be incurred prior to FULL execution of the grant agreement
 - Comptroller or Treasury will reject reimbursement for any work invoiced prior to the agreement effective date (last signature)
- Everything finished and reimbursed by June 30, 2029
- Local match percentage is zero for TST projects

GREEN LIGHT-GO FUNDING

- New funding commitments can only be created in the current state fiscal year
- Funds commitment occurs the date the grant agreement is fully executed (all municipal and Commonwealth signatures)
- Per Act 101 of 2016, GLG **grant** funds can be spent for two years after the year of the commitment.
 - Must use committed funds by June 30 of 3rd fiscal year
 - All work must be done, request for reimbursement submitted, project inspected, reimbursement approved by PennDOT and payment approved by Comptroller by June 30
 - Prior commitments that aren't fully spent can be rolled to a future fiscal year, but takes away from funding available in that year.
- Unused funds revert to Motor License Fund (don't stay with GLG)

GLG SCHEDULE GOALS



- 
- Grant application period
 - Grant review & ranking
 - Awards announced/sent out agreements
 - 1st Agreements Executed
 - Design Phase
 - Bidding Phase
 - Construction Phase
 - Final invoicing/grant close-out

- 9-month design period
- Construction award in December allow procurement of materials during winter shutdown

GRANT SELECTION AND NOTIFICATION

- Press Release issued August 4, 2026
- Award letter via Commonwealth e-Signature request (ESA/eGrants)
 - Email goes to authorized official(s) indicated in grant application
 - Signature indicates acceptance of grant and commitment to complete the project by June 2029
 - Contact us (GLG@pa.gov) if:
 - You still want to do the project but don't feel it can be completed by June 2029
 - You do not want to proceed with the project
 - Authorized officials have changed since application
 - Award letter available to download/save under the "Documents for Approval" section

Fri 8/7/2020 11:44 AM
DOT-esignature@dced.gov
A new signature request for your approval
To:  Gault, Steve

Commonwealth e-signature Request	
A NEW SIGNATURE REQUEST FOR YOUR APPROVAL!	
Agency	DOT - Department of Transportation
ApplicationID	202008048146
Project Name	Borough of Avalon Traffic Signal Upgrade
Program Name	ARLE Funding Program
Grantee Approval Request	A new signature request "DOT - ESA:202008048146 Letter Approval Request" has been submitted for your review, please use the link provided. Click here to review and sign this request
First Name:	Tom
Last Name:	Lloyd
Title:	Mayor
Email:	sgault@pa.gov
Request will expire on:	10/6/2020 11:43:54 AM

This is an official request from the Center of Excellence of the commonwealth e-signature portal. If you have any questioning if this email is a spam, please login directly at our portal home page. <https://apps.uat.dced.pa.gov/esignature/>

GRANT AGREEMENT

- Agreement will be sent electronically through ESA system as a Commonwealth Signature Request
- Grant agreement available for download in the “Documents for Approval” section
- After reviewing, click the “Sign” button

eSignature

DashBoardHello sgault@pa.govLog off



Department of Transportation
ESA
Please review the following documents which have been submitted for your approval.

Description:

DOT - ESA:202008048146 Grantee Approval Request

Program Name:

ARLE Funding Program

Expiration Date:

10/6/2020

Signatures recorded:

No signatures recorded on this request yet.

Project Name:

Borough of Avalon Traffic Signal Upgrade

Status:

New

This document must be signed by the expiration date indicated to be valid.

Request Information:

Description:

DOT - ESA:202008048146 Grantee Approval Request

Program Name:

ARLE Funding Program

Expiration Date:

10/6/2020

Signatures recorded:

No signatures recorded on this request yet.

Signer Information:

To Sign on behalf of this person, please check this box, and enter your information below: ☐

First Name:

Tom

Last Name:

Lloyd

Title:

Mayor

Email Address:

sgault@pa.gov

Please select one of the options below and provide comments:

Sign

Sign with Comments

Deny

Comments:

☒ **Legal Disclaimer**

**Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).*

Documents for Approval:

Below is a listing of the documents that have been submitted for your approval.

ContractDocument.pdf

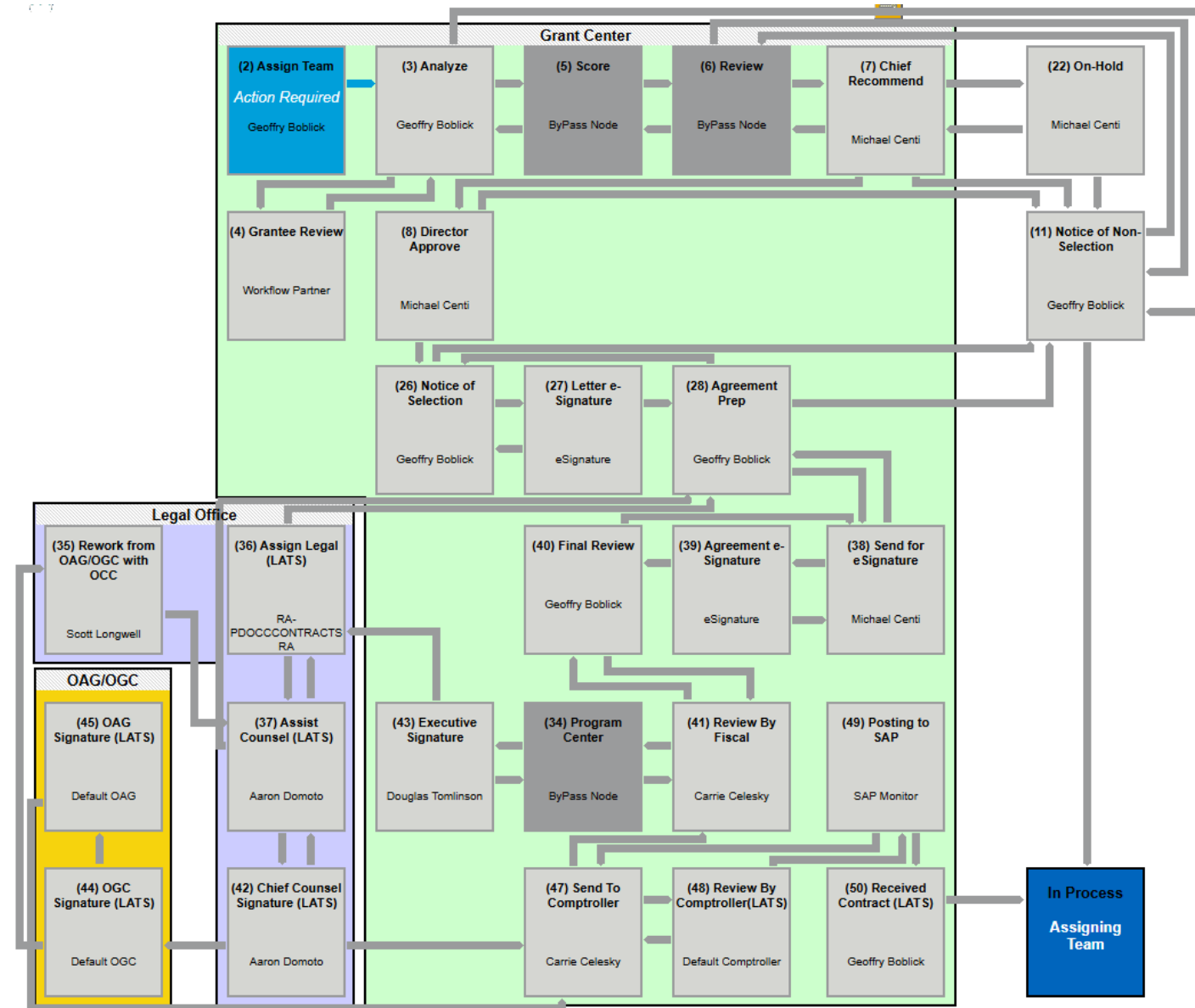
Additional Information:

Below is a listing of additional information to consider when reviewing the above documents.

 Pennsylvania
Department of Transportation

GRANT AGREEMENT PROCESS

- 21-step process for each agreement
 - 2 steps for applicant
 - Award Letter
 - Grant Agreement (Contract)
- After applicant, signers include:
 - PennDOT Executive Staff
 - PennDOT Office of Chief Counsel
 - ~~– Office of General Counsel~~
 - ~~– Office of Attorney General~~
 - Comptroller
- Typically 30 days
- Fully executed agreement is notice to proceed



ENGINEERING & DESIGN

- One of three design procedures identified at top of first page of grant agreement and in award letter
 - Pub 9 (liquid fuels)
 - Pub 740 (local project delivery)
 - PennDOT Design
- Pub 9: Follow municipal procurement laws
- Pub 740: One of three procedures for consultant selection
 - Designated Municipal Engineer
 - Consultant Selection Procurement
 - PennDOT Open-End Contract
- PennDOT Design: PennDOT will complete design and provide bid-ready plans and specifications to municipality
- Municipality responsible for obtaining traffic signal permit(s) prior to beginning construction, if applicable

PUB 740 CONSULTANT SELECTION

- Cost cannot be a factor in selection
 - Price proposal can be requested after consultant has been selected based on qualifications
- Municipal engineers must have been selected properly per Pub 740 procedures to be utilized for design of GLG projects
- Advertisement requirements change if anticipated design contract value exceeds \$150,000
 - If anticipated cost is under \$150,000 but close, consider the stricter process
- Anticipated most GLG projects will be non-complex and will not require short listing prior to final ranking

PENNDOT DESIGN

- PennDOT's costs for preliminary engineering and final design will be deducted from reimbursement to grantee for construction and inspection
- All local matching funds apply to construction and inspection

CONTRACT/BID DEVELOPMENT

- Municipality must follow bidding requirements per municipal code
 - Bid thresholds updated annually by Department of Labor & Industry and published in Pennsylvania Bulletin
 - Written/telephone bids (typically at least 3)
 - Public bids
 - No minimum number of bidders required
 - Consider providing bid documents directly to qualified contractors in addition to newspaper advertising requirements
- Review municipal codes if no bids received
- Bid documents
 - Must follow state prevailing wage requirements
 - Use Bulletin 15 approved products and follow PennDOT Pub 408 specifications
 - Make sure to specify construction completion date prior to grant expiration

CONSTRUCTION

- Recommendation: Allow at least 1 year for construction contract
 - Pole procurement is typically 24-30 weeks
 - Advertise for construction bids no later than spring 2028
 - Open bids & award contract early summer 2028
- Maintain construction records

QUARTERLY STATUS REPORTS

- PennDOT will request quarterly updates via email
- Purposes
 - Remind municipality to continue making progress on the project
 - Ensure we have accurate contact info
 - Track project milestone dates relative to agreement deadlines
 - Ensure PennDOT's records match municipal info on project status and reimbursement to date
- Complete blue cells and return in Excel format to GLG@pa.gov
 - Status narrative
 - Update milestone dates and indicate if estimated or actual
 - Past dates should be actual dates, not estimated!

Green Light-Go Grant Program
Grantee Quarterly Status Update Form
Pennsylvania Department of Transportation

Q4 2025 Status Report Due: November 26, 2025

Section 1: Project Information
Auto-populated from GLG program files.

1a. Project Name		1c. PennDOT ID #	
1b. Grantee Name		1e. Grant Amount \$	
1d. County		1g. Project Type	
1f. PennDOT District		1i. Agreement Executed	
1h. Grant Agreement #			
1j. Last Status Report			

Section 2: Grant Reimbursement Status
Auto-populated from GLG program files. Shows the amount of grant funding you have drawdown to date, if applicable.

2a. Cost Share				
PennDOT Share	80.00%	Grantee Local Share	20.00%	
2b. Expenditures to Date				
Expenditures per Requests for Reimbursement	\$	Total Cost to Date	\$	PennDOT Grant Disbursement
Remaining Grant Amount to Drawdown	\$			Grantee Local Share
2c. Project Activities Completion Deadlines				
Activity Deadline	Completion of Construction	Submission of Final Invoice to PennDOT	Agreement Expiration	

Section 3: Project Status Report
Please answer the following questions to provide an accurate update on your project. Please also specify if the information provided is actual or estimated in accordance with the project schedule.

Brief Description of Project Activities since last report

Project Schedule	Milestone Date	Estimated or Actual (pick from list)
Please complete ALL project milestone dates and specify whether the date is Actual or Estimated. If estimated, please complete the project schedule to the best of your ability in consultation with your project team.		
Consultant Selection Date		
Design/Engineering Approval Date		
Construction Bid Opening Date		
Construction Begin Date		
Construction Completion Date		
Preliminary Engineering/Final Design Information		
Design Consultant Selection		
Consultant Firm (if applicable)		

Section 4: Submission

Name of Grantee Representative (Typed)	Date Completed
Title	Please return completed form in EXCEL format to GLG@pa.gov

REIMBURSEMENT

- Reimbursement program
 - Municipality is required to incur costs and then submit requests for reimbursement to PennDOT
 - Reimbursement through ESA/eGrants system (Partner Portal)
 - Follow instructions on GLG page of PennDOT Traffic Signal Portal
- Required documentation
 - Project invoices from contractors/consultants/suppliers
 - Proof of payment (typically cancelled checks)
- PennDOT may deny reimbursement or require repayment if discrepancies are found between work completed and request for reimbursement forms
- Mark “Final” invoice in eGrants and on reimbursement form
 - This closes the project and any remaining funds are liquidated
 - This also triggers final inspection

KEY NEXT STEPS

- ✓ Accept award (or let us know if you're not – GLG@pa.gov)
- ✓ Be ready to sign grant agreement when it's sent out
- ✓ Engineering consultant selection process can begin prior to agreement being executed
 - Follow process based on type listed in award letter
 - Don't give consultant notice to proceed until agreement is fully executed
- ✓ Be ready to have consultant start work as soon as agreement is executed
- ✓ Begin construction with enough time to procure materials

ADMINISTRATIVE NOTES

- Do NOT wait to submit reimbursements until the May 2029 deadline
 - Municipalities that wait until deadline tend to miss the most amount of funds to be reimbursed
 - Payment from treasury department may take longer than the normal estimated 30-day return
 - Don't risk corrections pushing past the June 30, 2029 expiration
- All administrative direction must come from Central Office
 - Extensions
 - Reimbursement questions
 - Scope modifications
- District representatives should be point of contact for design, bidding, and construction portions of project