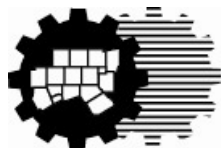


Funding Substitution for Buy America Compliance: City of Fort Worth

Surface Transportation Technical Committee
June 28, 2019

Ken Kirkpatrick
Counsel for Transportation



North Central Texas
Council of Governments

Previous RTC Action

2014 Incident Management Call for Projects

Congestion Mitigation and Air Quality Improvement
Program (CMAQ) Funds

Matched with Transportation Development Credits

City of Fort Worth Awarded \$160,036
Incident Management Equipment
Safety-Related Items

City Implementation of Grant

NCTCOG/City of Fort Worth Interlocal Agreement

City Procured Items through City Process

Items Purchased with Buy America Implications

Heavy Duty Response Truck (Ford Super Duty F-350)

Robotic Forensic Mapping System

Portable Message Signs

Total Cost: \$113,373

Buy America Compliance Cannot Be Documented

FHWA Buy America Requirements

23 United States Code §313, 23 CFR 635.410

100% of steel, iron and manufactured products permanently included in federal-aid highway projects must be produced in the U.S.

Exceptions:

- Public Interest Waiver (General Waiver)

- Such materials and products are not produced in the U.S. (specific waiver)

- Inclusion of domestic material increases overall cost by 25%

- Minimal use of non-domestic steel and iron (greater of 0.1% or \$2,500 of project cost)

Note: FTA requirement (65% domestic content; final assembly in the U.S.)

Changing Buy America Landscape

Application to “Manufactured Products”

December 21, 2012, FHWA Guidance

Miscellaneous products exception (e.g., nuts, bolts, washers, fittings, etc.)

Applies to a manufactured product if it consists of at least 90% steel or iron content

December 22, 2015: FHWA guidance invalidated by U.S. District Court (District of Columbia)

2014-2016: FHWA Quarterly Waiver Process

Applicable for “non-traditional” federal-aid highway projects (e.g., vehicles funded with CMAQ funds)

No vehicles meet FHWA Buy America requirements

Mid-2017: Waivers Discontinued (Executive Order 13788)

Action Requested

Substitute \$113,373 in RTC Local Funds for 2014 City of Fort Worth Incident Management Equipment Award

Reduces Risk Related to Buy America Compliance

Direct staff to amend the Transportation Improvement Program and other planning/administrative documents, as appropriate, to incorporate the approved substitute

FY2020 and FY2021
Unified Planning Work Program for
Regional Transportation Planning

Surface Transportation Technical Committee
June 28, 2019

Unified Planning Work Program

Task 1 – Administration and Management

Task 2 – Transportation Data Development and Maintenance

Task 3 – Short-Range Planning and Programming, and Air Quality and Transit Operations

Task 4 – Metropolitan Transportation Plan

Task 5 – Special Studies and System Operations

Implemented through:

- 28 Subtasks
- 150-200 Programs and Projects

Funded through:

- 17 Revenue Sources
- 140+ Grants

FY2020 and FY2021 Major Planning Initiatives

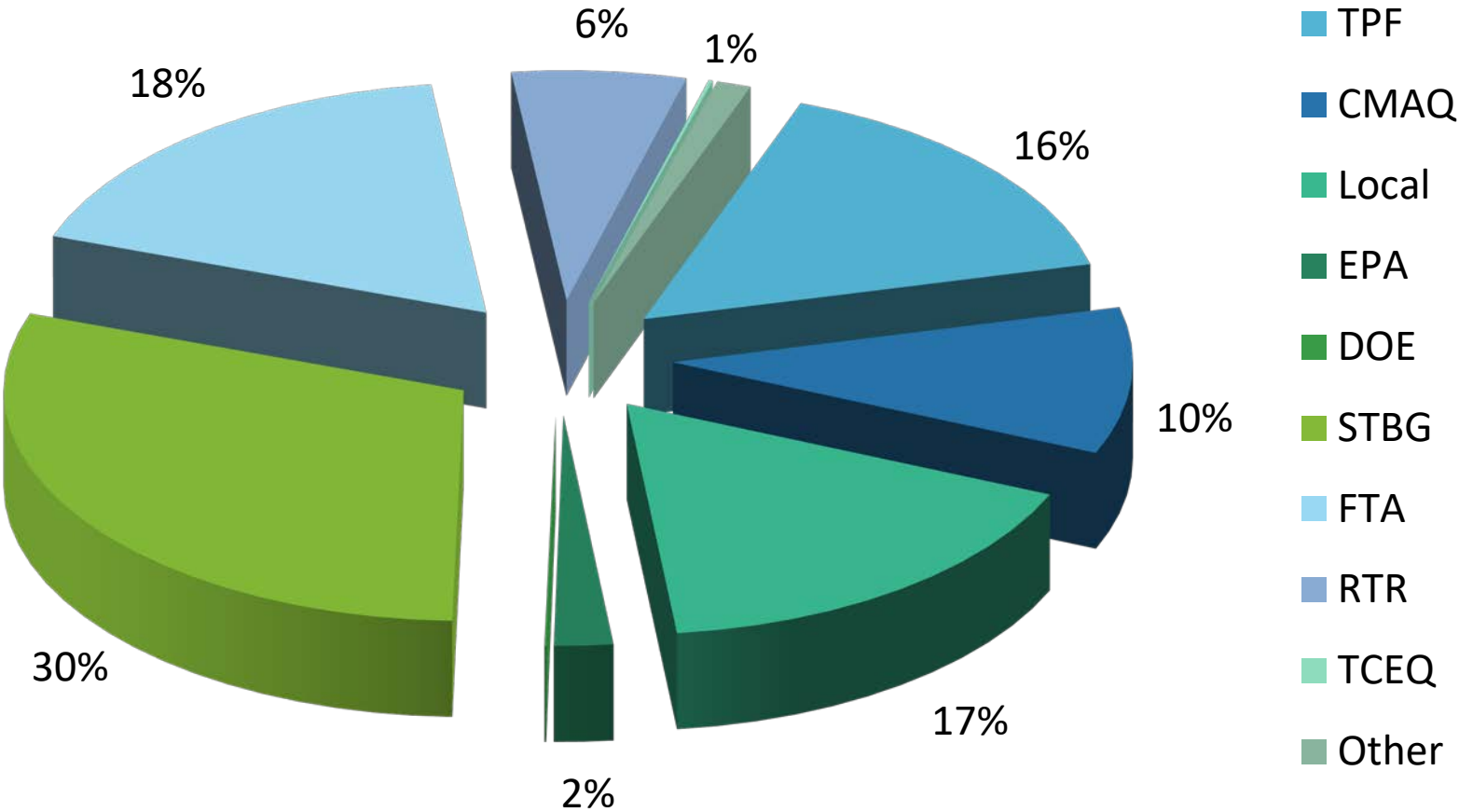
- **Monitoring of Mobility 2045**
- **2021-2024 Transportation Improvement Program**
- **Data Collection/Travel Model Enhancement**
- **Automated Vehicle Technology**
- **Freight Planning**
- **High-Speed Rail**
- **Bicycle/Pedestrian Plans**
- **Regional Transit Planning Assistance**
- **DFW Airport Innovative Transportation Initiatives: Goods Movement, Rail Passenger Connections to the TRE and Hyperloop**
- **Harry Hines Boulevard Corridor Study**
- **MATA M-line Extension**

FY2020 and FY2021 TPF Funding Summary

FY2020 and FY2021 US FTA (5303)	\$ 5,773,584
FY2020 and FY2021 US FHWA (Estimated PL)	\$14,910,150
FY2019 US FHWA (Estimated PL-Carryover)	<u>\$ 4,529,838</u>
Total Transportation Planning Funds	\$25,213,572
Anticipated Expenditures	\$22,770,600
PL Balance to Carry Over to FY2022	\$ 2,442,972

Summary of Total Funding

Estimated Total Funding (all sources): \$146,000,314



Development Schedule

DATE	UPWP DEVELOPMENT
February 22	Initiation of Requests for NCTCOG Assistance
February 22	STTC Notification of UPWP Development
March 14	RTC Notification of UPWP Development
March 22	Project Submittals for NCTCOG Assistance Due
May 13	Public Meeting on Draft Recommendations
May 24	Draft Recommendations to STTC for Information
June 1	Draft Due to TxDOT and Concurrently Provided to STTC
June 13	Draft Provided to RTC for Information
June 28	STTC Action on Recommended UPWP
July 11	RTC Action on Recommended UPWP
August 1	Final Document Due to TxDOT
August 22	Executive Board Endorsement of Recommended UPWP

Requested STTC Action

Recommend RTC approval of the FY2020 and FY2021 Unified Planning Work Program (UPWP), including the UPWP Policies contained in Exhibit I-8 of the Work Program.

And

Recommend that the RTC direct staff to also administratively amend the Transportation Improvement Program and other administrative/planning documents, as appropriate, to reflect the approved projects.

Unified Planning Work Program

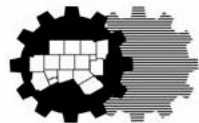
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**North Central Texas
Council of Governments
Transportation Department**

[**https://www.nctcog.org/trans/study/unified-planning-work-program**](https://www.nctcog.org/trans/study/unified-planning-work-program)



BUILD Grants

Better Utilizing Investments to Leverage Development Transportation Discretionary Grants Program

Source: USDOT BUILD Discretionary Grants - www.transportation.gov/BUILDgrants

June 28, 2019

Surface Transportation Technical Committee – Action Item
BUILD Discretionary Grant Program – FY 2019 Overview & Proposed Projects for Submittal

BUILD Discretionary Grant Program

Program Overview

2

- **BUILD – Better Utilizing Interests to Leverage Development**
- **\$900 Million Available Nationwide in FY 2019:**
 - Grant Awards: Maximum = **\$25 Million**; Minimum = **\$5 Million** (Urban)/**\$1 Million** (Rural)
 - No more than **10%** may be awarded to a single State; up to **50%** intended for rural projects
- **Federal/Non-Federal Cost Sharing:**
 - Maximum 80%/20% in urban areas (including BUILD); rural projects may exceed 80%/20%
 - Non-Federal revenue may consist of State, local, or private-sector funds, ROW contributions, toll credits, or recycled revenue from publicly-owned/operated asset sales/leases
 - Generation of non-Federal revenue no longer considered part of primary selection criteria
- **Submittal/Award/Funding Milestones:**
 - **Application Deadline – July 15, 2019 @ 7:00pm CDT** (awards given by November 12, 2019)
 - **Obligation Deadline – September 30, 2021**
 - **Expenditure Deadline – September 30, 2026**

BUILD Discretionary Grant Program

Regional Project Selection Methodology

3

- Select potential urban/rural projects from east and west sub-regions
- Identify compatibility strengths/weaknesses with grant program merit criteria (safety, state of good repair, quality of life, economic competitiveness, innovation, project readiness, etc...)
- Evaluate partnership opportunities with TxDOT, other transportation providers, private sector entities, and/or local governments
- Review recent discretionary grant submittals (BUILD, INFRA, TIGER, FASTLANE, SGR, etc.) and existing project commitments (MTP, UTP/10-Year Plan, TIP, etc.)
- Determine significant economic development opportunities with needed transportation catalysts and review transportation performance targets



BUILD Discretionary Grant Program

Proposed NCTCOG Project Candidates and Funding Details

4

- Staff proposes the Regional Transportation Council (RTC)/North Central Texas Council of Governments (NCTCOG) submit the following projects:

Project	Non-Federal Funds ¹			Federal Funds ¹		Total Project Cost ¹
	Local	State	Private	Other Federal	Proposed BUILD Request	
North Texas Multimodal Operations, Velocity, Efficiency & Safety (MOVES) Program	\$15.0 ²	\$0.0	\$2.0 ³	\$4.5	\$25.0	\$46.5
	37%			63%		
SH 114 Frontage Roads – FM 1938 to Dove Road (Southlake/Trophy Club/Westlake)	\$3.5 ⁴	\$7.3	\$0.0	\$10.3	\$25.0	\$46.1
	23%			77%		
US 80 Reconstruction – IH 635 to Belt Line Road (Mesquite)	\$1.2 ⁵	\$56.0	\$0.0	\$174.8	\$25.0	\$257.0
	22%			78%		

- All funding and cost values indicated in millions
- Trinity Metro and DART funding commitments
- BNSF Railway funding commitment
- City of Southlake commitment (ROW and construction)
- City of Mesquite commitment (ROW)

BUILD Discretionary Grant Program

Proposed Timeline

5

- | | |
|------------------------|---|
| April 22, 2019 | BUILD Grant Notice of Opportunity Announced |
| May 24, 2019 | STTC Information (Identify Candidate Projects) |
| June 13, 2019 | RTC Information (Identify Candidate Projects) |
| June 28, 2019 | STTC Action (Project Identification, Scope, & Cost Estimate/Sources Finalized) |
| June 28, 2019 | Request Deadline for Letters of Support
Send to Rebekah Hernandez - rhernandez@nctcog.org |
| July 11, 2019 | RTC Action |
| July 15, 2019 | BUILD Application Submittal Deadline - www.grants.gov |
| August 22, 2019 | Executive Board Endorsement |

BUILD Discretionary Grant Program

Requested STTC Action

6

- **Recommend Regional Transportation Council (RTC) approval of:**
 - **Proposed list of projects, as indicated in slide #4 and provided in Reference Item #5, to submit for funding consideration through the FY 2019 BUILD Discretionary Grant Program**
 - **Administratively amending the TIP, STIP, and other planning/administrative documents to include the proposed projects, if selected for FY 2019 BUILD Grant award**

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June 28, 2019

Surface Transportation Technical Committee – Action Item
BUILD Discretionary Grant Program – FY 2019 Overview & Proposed Projects for Submittal



U.S. Department of Transportation Funding for Advanced Transportation and Congestion Management Technologies Deployment Initiative



**Surface Transportation Technical Committee
June 2019**

Overview of Funding Opportunity

\$60 Million Total; 5 to 10 awards up to \$12 million each

FY 2016 to 2020; applications will be solicited annually for competitively selecting grant recipients for that funding year

Transportation Technologies to improve safety, efficiency, system performance, and infrastructure return on investment

Applications due **July 19, 2019**

Minimum **50% non-federal cost share**

ATCMTD Use of Funds

Advanced traveler information systems;

Advanced transportation management technologies;

Infrastructure maintenance, monitoring, and condition assessment;

Advanced public transportation systems;

Transportation system performance data collection, analysis, and dissemination systems;

Advanced safety systems, including V2V and V2I communications, technologies associated with autonomous vehicles, other collision avoidance technologies;

Integration of ITS with the Smart Grid and other energy distribution and charging systems;

Electronic pricing and payment systems; or

Advanced mobility and access technologies; dynamic ridesharing and information systems to support human services for elderly and disabled individuals

ATCMTD Program Focus Areas

Proposals are not limited to these priorities

U.S. DOT is particularly interested in the following areas:

Multimodal Integrated Corridor Management

✓ Installation of Connected Vehicle Technologies at Intersections and Pedestrian Crossing Locations

Unified Fare Collection and Payment Systems Across Transportation Modes and Jurisdictions

Freight Community System

✓ Technologies to Support Connected Communities

Infrastructure Maintenance, Monitoring, and Condition Assessment

Rural Technology Deployments

Transportation Performance Measures

Federal Performance Measures

✓ Safety

National Highway Infrastructure

Pavement Condition

Bridge Condition

System Performance

Level of Travel Time Reliability

Peak Hour Excessive Delay

✓ Travel Time Reliability

Non-Single Occupancy Vehicle Travel

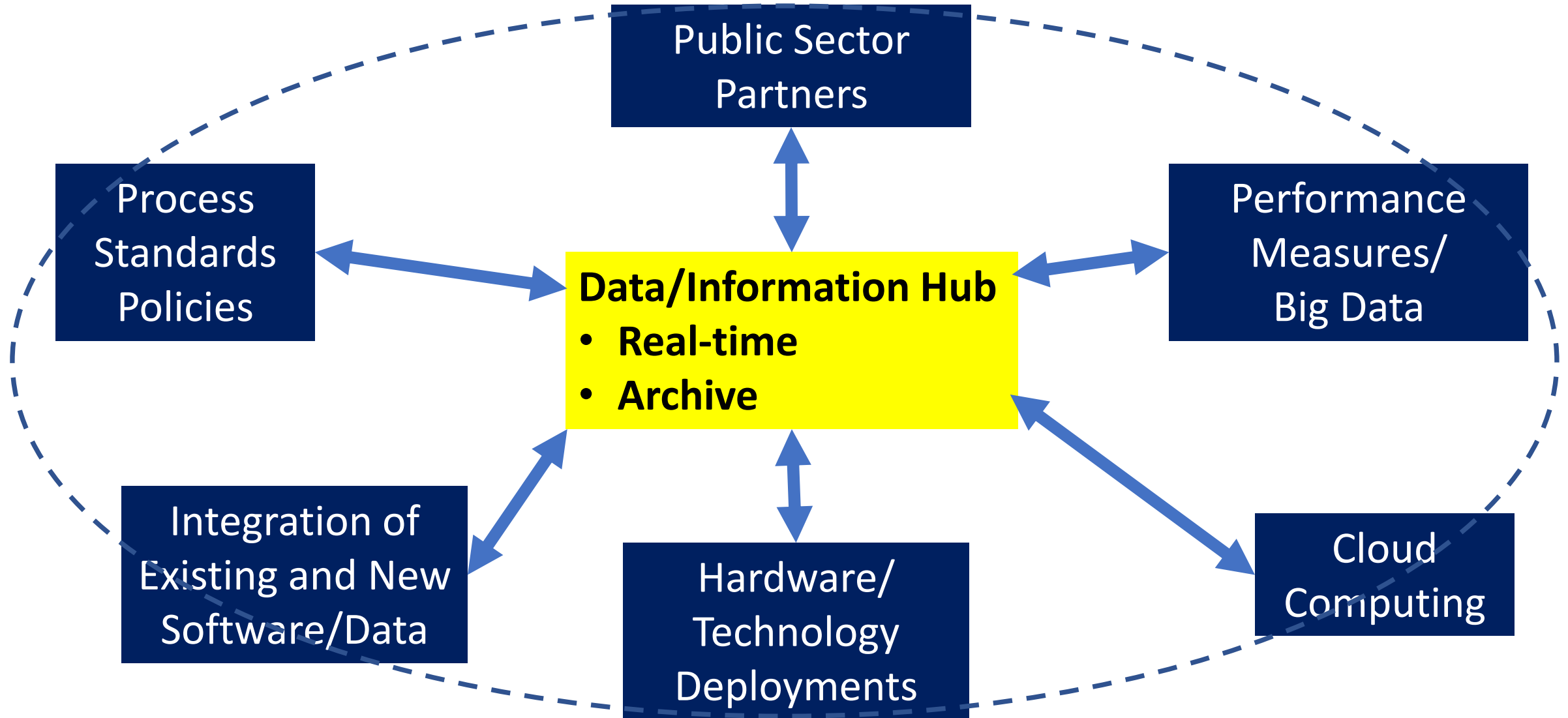
✓ Total Emissions Reductions

Transit Asset Management



Non-Federal/Regional Performance Measures

Regional Operations Data Fusion Platform & Performance Measures



Regional Operations Data Fusion Platform & Performance Measures

Example of System Benefits

Leverages existing regional ITS infrastructure

Allows dissemination of data between agencies for improved coordination on traffic operation strategies

Provides regional data for planning organizations or academia for performance measures, research, and analysis

Identifies gaps in the data to determine new sources that are needed

Allows for implementation and management of coordinated traffic plans

Affords real-time analysis of regional performance measures

Regional Operations Data Fusion Platform & Performance Measures

Project Budget

Funding Source	Funding Amount
Grant Application Request	\$3 Million
TCEQ Interests/Credit Rebates from AirCheckTexas or RTC Local	\$3 Million
Total	\$6 Million

Regional Operations Data Fusion Platform & Performance Measures

Other Items

Seeking Other Recommendations for Inclusion into the Proposal

For Example:

Regional Data Platform

Agreements

Protocol

Wireless Data (Pedestrian, Wrong-Way Driving)

Request for Letter of Support

Need to receive Request by Wednesday, July 3, 2019

Please send Request to Rebekah Hernandez at RHernandez@nctcog.org

Submit Signed Letter by Friday, July 12, 2019

Regional Operations Data Fusion Platform & Performance Measures

Action Requesting

Recommendation for Regional Transportation Council (RTC) Approval

Regional application for the 2019 Advanced Transportation and Congestion Management Technologies Deployment Initiative Grant Program

Total Cost

Federal Share: \$3 Million

Local Share: \$3 Million

TCEQ Interest/Credit Rebates

RTC Local (if TCEQ Funding Unsuccessful)

Letters of Support

Metropolitan Transportation Plan Policy Bundle: Round 3

Surface Transportation Technical Committee

June 28, 2019

Kevin Feldt



What Is The Mobility Plan Policy Bundle?

- **AKA, Appendix H**
- **List of 20 Voluntary Policies**
- **50 Percent Adoption Rate to Qualify**
- **Successful Applicants**
 - Receive Transportation Development Credits (TDCs)
 - Use TDCs as Local Match for Federally Funded Projects
- **Must Be New Project**
 - Not Currently in Transportation Improvement Program
- **Four Ways to Take Action**



Action Types

- **Joint Staff Coordination**

- RTC staff and local agency staff work together to implement and encourage policy implementation

- **Governing Body Approval**

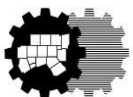
- Resolution, court order, minute order, or other instrument reflecting approval for the policy is passed

- **Ordinance**

- Ordinance or other locally enforceable rule or law is passed

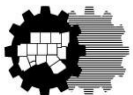
- **Election**

- An election is held to implement the policy



Sample Policies

- **Employee Trip Reduction**
- **Parking Management**
- **Safe Access to Schools**
- **Railroad Safety**
- **Land Use Strategies**
- **Complete Streets**
- **Idling Restrictions**
- **Freight Oriented Development**



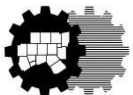
Successful Applicants

- **12 Local Governments**

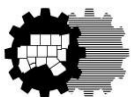
- Coppel
- Dallas
- Denton
- Fort Worth
- Garland
- Grapevine
- Irving
- Lewisville
- McKinney
- Mesquite
- North Richland Hills
- Richardson

- **2 Transit Agencies**

- DCTA
- Trinity Metro



Entity	Recommended TDCs
Coppell	\$ 750,000
Dallas	\$ 2,000,000
Denton	\$ 750,000
Fort Worth	\$ 2,000,000
Garland	\$ 1,250,000
Grapevine	\$ 750,000
Irving	\$ 1,250,000
Lewisville	\$ 750,000
McKinney	\$ 750,000
Mesquite	\$ 750,000
North Richland Hills	\$ 750,000
Richardson	\$ 750,000
DCTA	\$ 1,250,000
Trinity Metro	\$ 2,000,000
Total	\$ 15,750,000



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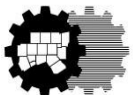
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Legislative Update

Surface Transportation Technical Committee | June 28, 2019

Nick Allen

North Central Texas Council of Governments

Federal Update

FY 2020 Appropriations

- House passed bill with \$25.3B for USDOT
- FAA's aviation safety funding increases by \$20M
- Most programs stay at 2019 levels
- Some amendments of interest

Senate Appropriations Committee

- Committee mark-up is TBD
- Chair Richard Shelby (R-AL) says he is waiting for an overall budget deal between House, Senate and President

86th Texas Legislature – State Budget

**Fiscal Year
2020-21 Total:
\$250.7B**

- Increase of 15.7% over FY18-19

TxDOT: \$31.1B

- Includes Prop 1 (\$3.9B) and Prop 7 (\$5B)
- Supplemental budget includes \$125M for areas of oil & gas production

**Natural
Resources/TCEQ**

- TERP: \$154.7M
- LIRAP/LIP (AirCheckTexas): \$0

What passed?

Revenue **SB 69** (Nelson) Allows Comptroller to invest a portion of Rainy Day Fund, removed legislative committee from sufficient balance process

SB 962 (Nichols) Extends Prop 1 by 10 years to 2034

HB 4280 (Morrison) Amends the County Transportation Infrastructure Fund Grant Program for areas of oil & gas production

Air Quality **HB 3745** (Bell, C.) Creates TERP trust fund account

Miscellaneous Approved Bills

- **SB 282** (Buckingham) TxDOT to allocate liquidated damages paid by contractors for project delays to the affected district
- **HB 1631** (Stickland) Prohibits red light cameras
- **HB 2830** (Canales) Increases the number of design-build contracts TxDOT may enter into each biennium from 3 to 6

HB 3082 (Murphy)- Relating to investigating and prosecuting the criminal offense of operating an unmanned aircraft over or near certain facilities.

Anti-High Speed Rail measures

Anti-tolling measures

LIP / LIRAP

What Failed to Pass?

Questions and Comments

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<https://www.nctcog.org/legislative>

DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

*Fiscal Year 2020-2022 Goal
Update*

*Surface Transportation Technical Committee
June 28, 2019*



FY2020-2022 DBE GOAL UPDATE

DBE Program Overview



Ensure Non-discrimination



Create a Level Playing Field/Fair Competition



Narrowly Tailor Program to Meet Federal Law



Ensure DBE Firms Meet Required Eligibility Standards



Help Remove Barriers to DBE Participation



Assist in Development of Firms to Compete Outside

FY2020-2022 DBE GOAL UPDATE

Current DBE Goal (2017-2019)

Procurement Type	DBE Goal
Urban Planning/ Engineering Services	31.92%
Advertising/Public Relations	21.62%
Software Development/Computer Services	8.17%
Equipment	5.88%
TOTAL	
Total Weighted Summary	25.0%

FY2020-2022 DBE GOAL UPDATE

Process to Update DBE Goal

- ✓ Initiate Public Input/Stakeholder Involvement
- ✓ Project Potential Contract Awards (FY 20-22)

DBE Goal Development

Publish Goal for Public Comment/Review

Committee Review/Consideration

Implement New DBE Goal – October 1, 2019

FY2020-2022 DBE GOAL UPDATE

Project Potential Contract Awards

NCTCOG and Subrecipients

Procurement Type	Potential Awards (in \$1,000s) FTA	Potential Awards (in \$1,000s) FHWA	Potential Awards (in \$1,000s) TOTAL
Building Construction	\$275	\$0	\$275
Marketing, Advertising, and Public Relations	\$268	\$1,805	\$2,073
Office Supplies & Equipment (Rental & Purchase)	\$587	\$430	\$1,017
Operational Administrative, Communications, Support Services	\$ 2,476	\$0	\$2,476
Planning/Engineering	\$6,830	\$10,044	\$16,874
Software and Ancillary Information Technology Professional Services	\$383	\$434	\$817
Transportation Equipment	\$0	\$3,586	\$3,586
Vehicle Maintenance and Operations Support	\$4,998	\$0	\$4,998
TOTAL	\$15,817	\$16,299	\$32,116

2 Step Process:

FY2020-2022 DBE GOAL UPDATE

*Development of
DBE Goal*

Step 1:

Determine Relative Availability of
Ready, Willing & Able DBE Firms



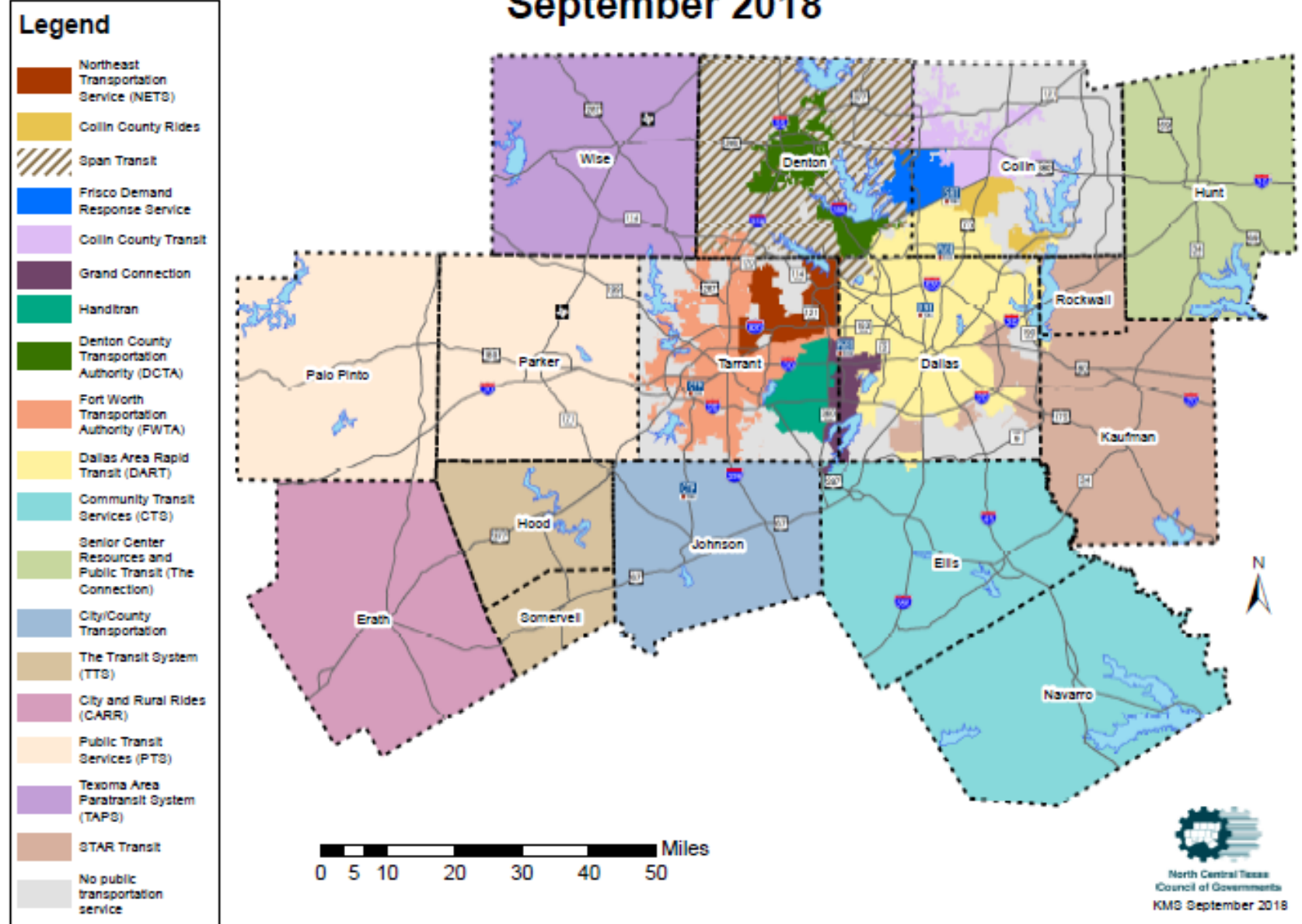
Step 2:

Consideration of Other DBE Data

FY2020-2022 DBE GOAL UPDATE

Service Area Map

Public Transportation Provider Service Areas September 2018



FY2020-2022 DBE GOAL UPDATE

DBE Availability Analysis

NCTCOG and Subrecipients

Procurement Type	Potential Awards (in \$1,000s)	DBE Firms	Total Firms	DBE Goal
Building Construction	\$275			
Marketing, Advertising, and Public Relations	\$2,073			
Office Supplies & Equipment (Rental & Purchase)	\$1,017			
Operational Administrative, Communications, Support Services	\$2,476			
Planning/Engineering	\$16,874			
Software and Ancillary Information Technology Professional Services	\$817			
Transportation Equipment	\$3,586			
Vehicle Maintenance and Operations Support	\$4,998			
TOTAL	\$32,116			

Pending Analysis/
Consultation Process

FY2020-2022 DBE GOAL UPDATE

Schedule

TASK	DATE	STATUS
Public Meeting to Kickoff DBE Goal Update Process	June 10	✓
STTC Meeting: Information Item	June 28	✓
Consultation Meeting with Stakeholders	July 2	
RTC Meeting: Information Item	July 11	
Notice to Public of Proposed Goal (start 45-Day Public Comment Period)	Week of July 10 15	
Submit draft Electronically to FTA	August 1	
STTC: Action Item	August 23	
End of 45-day Public Comment Period	August 25 30	
RTC: Action Item	Sept. 12	
Executive Board: Action Item	Sept. 26	
Submit Final Electronically to FTA	Sept. 27	
DBE Program Update and Goal Effective	October 1	

FY2020-2022 DBE GOAL UPDATE

Questions?



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Emily Beckham

Grants and Contracts Manager

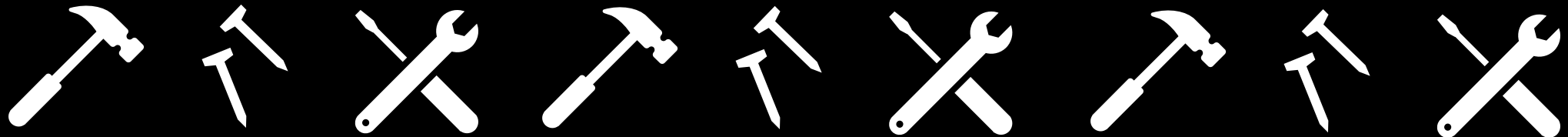
Phone: 817-608-2308

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Technical Tools for Environmental Justice, Transit, and Environmental Planning

Surface Transportation Technical Committee

June 28, 2019



Four Online Planning Tools

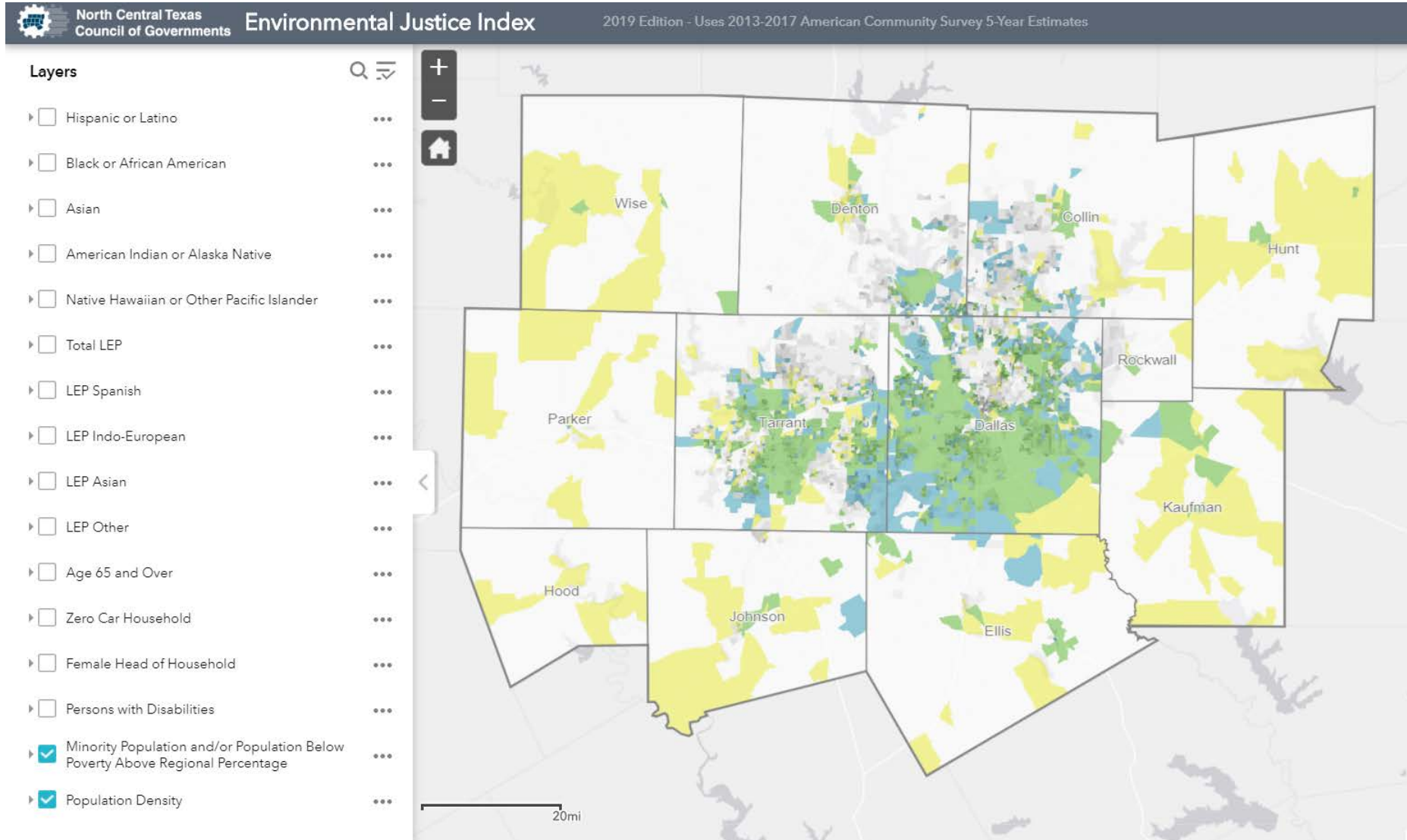
Environmental Justice Index – *online now*

Transit Accessibility Improvement Tool – *online now*

Permittee Responsible Mitigation Database – *expected Fall 2019*

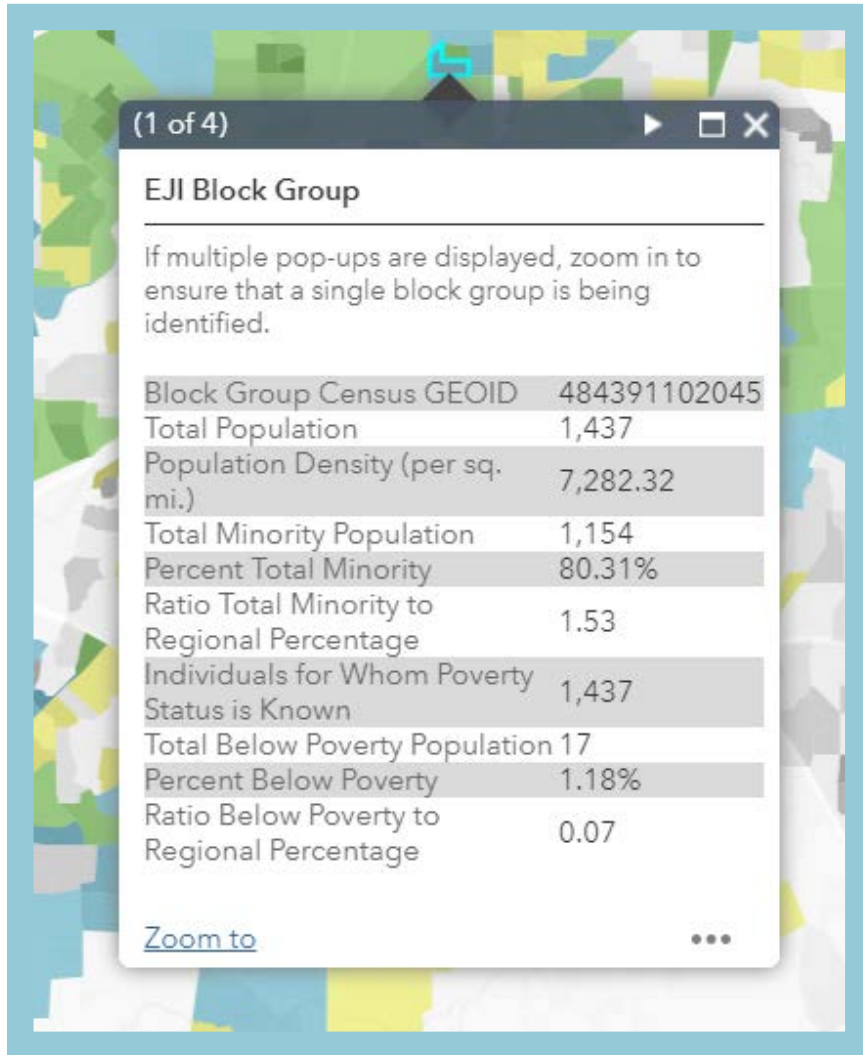
Economic & Environmental Benefits of Stewardship – *online now*

Environmental Justice Index



Assists in identifying and addressing potential impacts on environmental justice communities – low-income and/or minority communities. Covers 12-county region.

Environmental Justice Index



(1 of 4)

EJI Block Group

If multiple pop-ups are displayed, zoom in to ensure that a single block group is being identified.

Block Group Census GEOID	484391102045
Total Population	1,437
Population Density (per sq. mi.)	7,282.32
Total Minority Population	1,154
Percent Total Minority	80.31%
Ratio Total Minority to Regional Percentage	1.53
Individuals for Whom Poverty Status is Known	1,437
Total Below Poverty Population	17
Percent Below Poverty	1.18%
Ratio Below Poverty to Regional Percentage	0.07

[Zoom to](#)

User Guide



Technical Tips



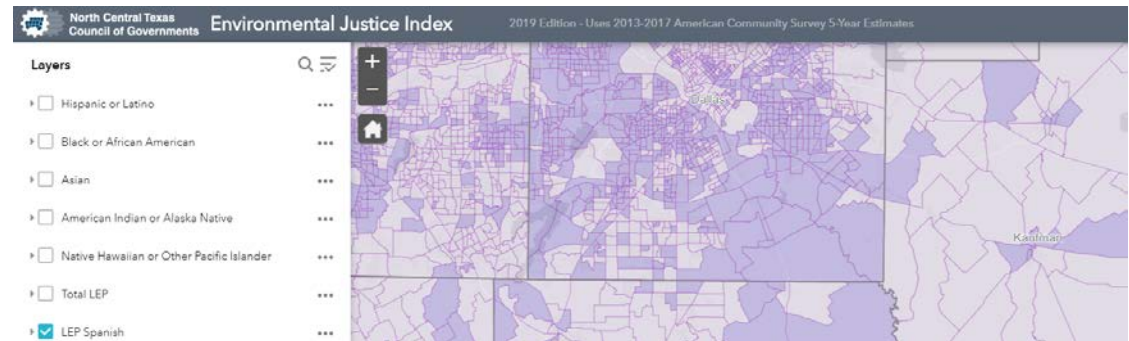
Layer Definitions



Index Uses



Data and Links



North Central Texas Council of Governments Environmental Justice Index 2019 Edition - Uses 2013-2017 American Community Survey 5-Year Estimates

Layers

- Hispanic or Latino
- Black or African American
- Asian
- American Indian or Alaska Native
- Native Hawaiian or Other Pacific Islander
- Total LEP
- LEP Spanish

Map showing the Environmental Justice Index results for the region, with layers selected for display.

Transit Accessibility Improvement Tool



Assists in identifying potentially transit-dependent populations – low-income, age 65 and over, and persons with disabilities. Covers 16-county region.

Transit Accessibility Improvement Tool

User Guide



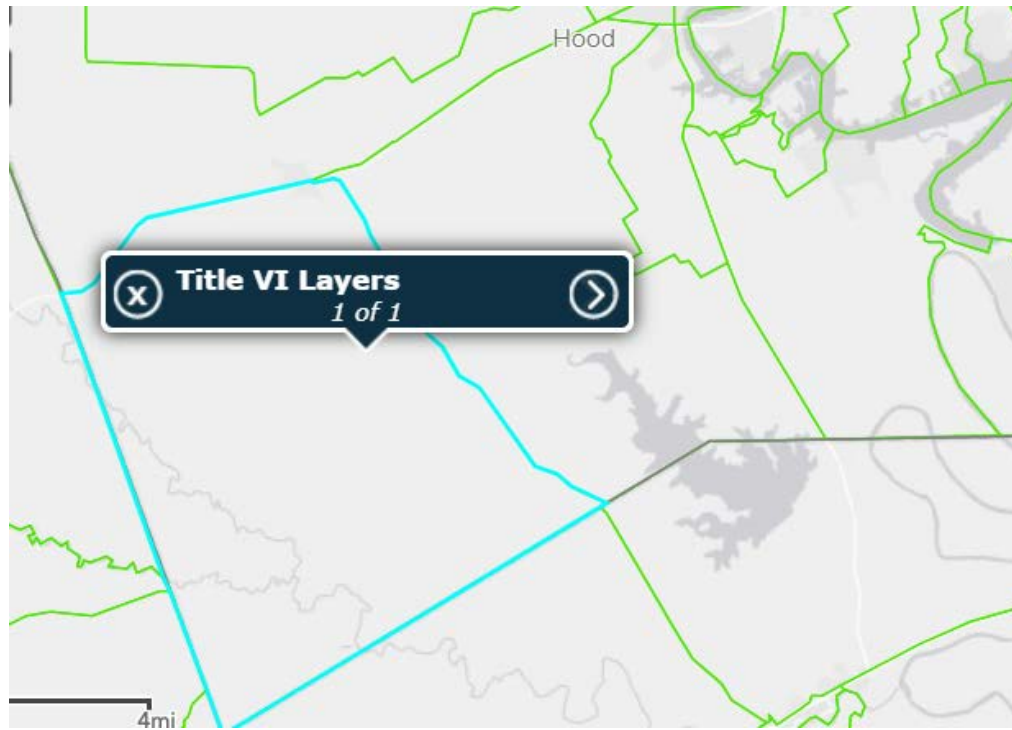
Layer Definitions



Technical Tips



Data and Links



Provides demographic data and service area boundaries to support transit providers' compliance with Title VI of the Civil Rights Act.

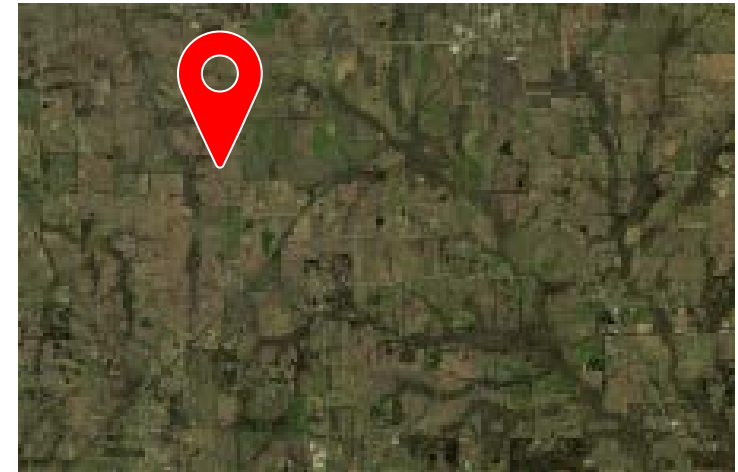
Permittee Responsible Mitigation Database

Helps connect willing landowners needing stream or wetland rehabilitation or restoration with developers or entities needing to rehabilitate or restore streams or wetlands to offset Waters of the US impacts elsewhere. Covers 16-county region.

PRM Requires:

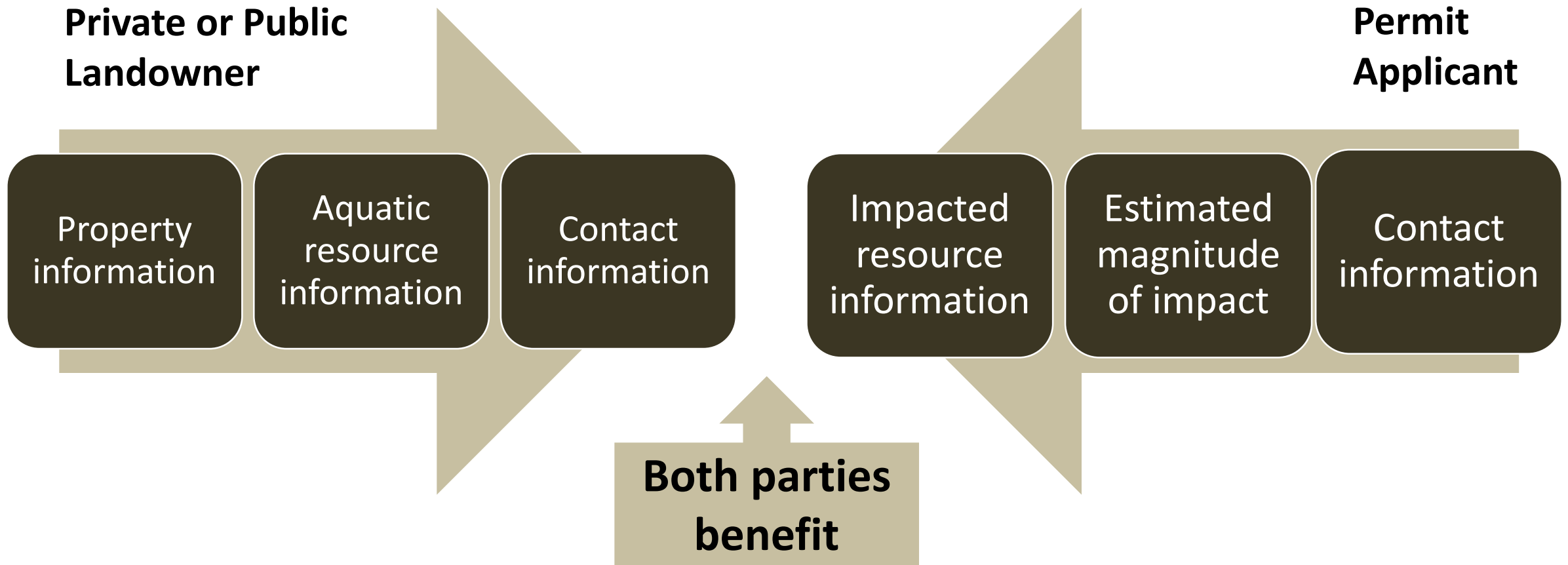
Pre-approval by the US Army Corps
of Engineers

Agreement of both parties

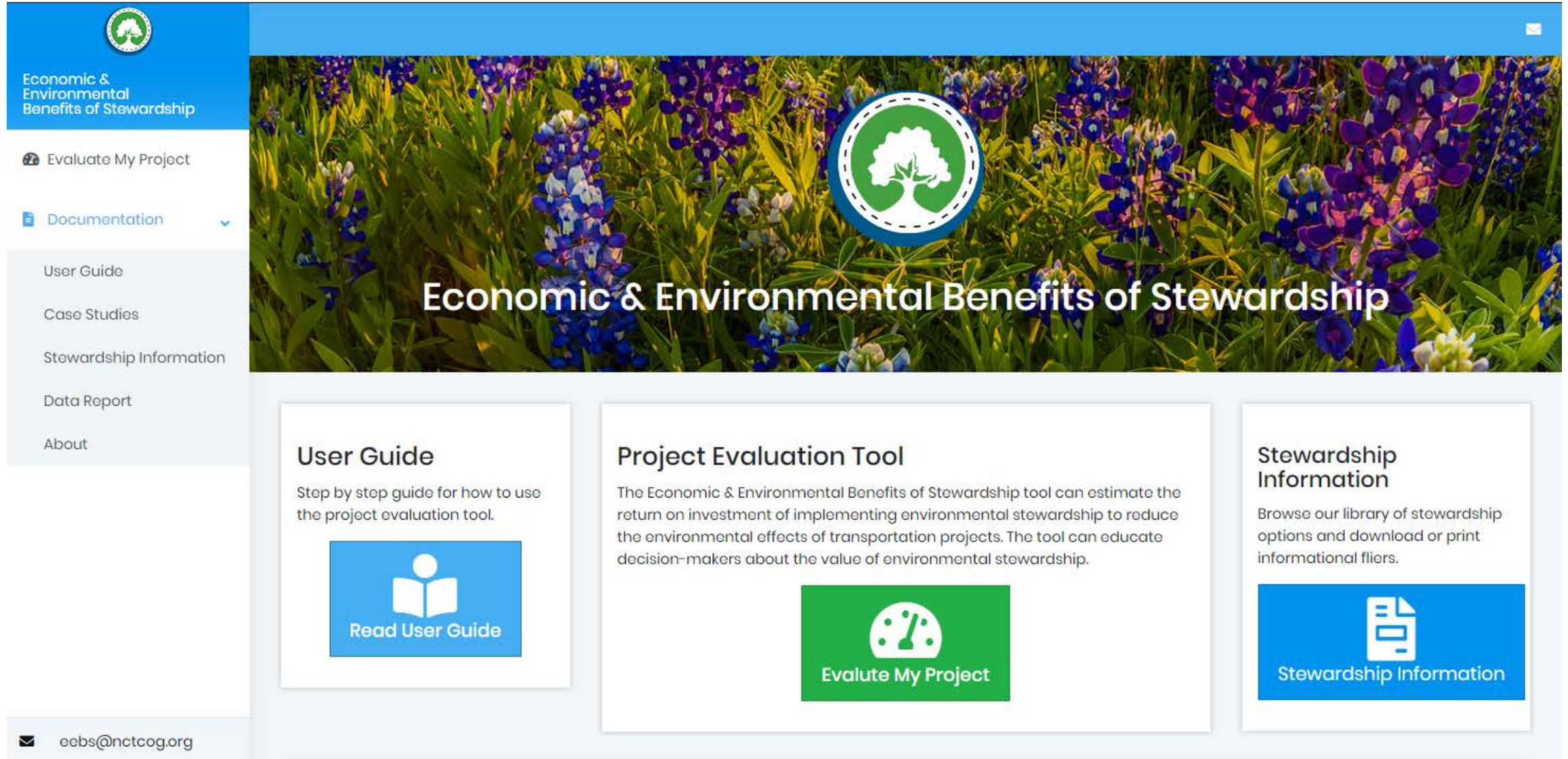


Expected launch Fall 2019

Permittee Responsible Mitigation Database



Economic and Environmental Benefits of Stewardship



The screenshot displays the website's interface. At the top left is a blue header with a circular logo of a tree and the text "Economic & Environmental Benefits of Stewardship". Below this is a navigation menu with items: "Evaluate My Project", "Documentation", "User Guide", "Case Studies", "Stewardship Information", "Data Report", and "About". The main content area features a large banner image of purple lupines with a circular tree logo and the title "Economic & Environmental Benefits of Stewardship". Below the banner are three white boxes with blue borders. The first box is titled "User Guide" and contains the text "Step by step guide for how to use the project evaluation tool." and a blue button with a book icon labeled "Read User Guide". The second box is titled "Project Evaluation Tool" and contains the text "The Economic & Environmental Benefits of Stewardship tool can estimate the return on investment of implementing environmental stewardship to reduce the environmental effects of transportation projects. The tool can educate decision-makers about the value of environmental stewardship." and a green button with a calculator icon labeled "Evaluate My Project". The third box is titled "Stewardship Information" and contains the text "Browse our library of stewardship options and download or print informational fliers." and a blue button with a document icon labeled "Stewardship Information". At the bottom left, there is an email icon and the address "eebs@nctcog.org".

Economic & Environmental Benefits of Stewardship

Evaluate My Project

Documentation

User Guide

Case Studies

Stewardship Information

Data Report

About

Economic & Environmental Benefits of Stewardship

User Guide

Step by step guide for how to use the project evaluation tool.

Read User Guide

Project Evaluation Tool

The Economic & Environmental Benefits of Stewardship tool can estimate the return on investment of implementing environmental stewardship to reduce the environmental effects of transportation projects. The tool can educate decision-makers about the value of environmental stewardship.

Evaluate My Project

Stewardship Information


Browse our library of stewardship options and download or print informational fliers.

Stewardship Information

eebs@nctcog.org

<http://eebs.nctcog.org>

Economic and Environmental Benefits of Stewardship

 Economic & Environmental Benefits of Stewardship

Evaluate My Project

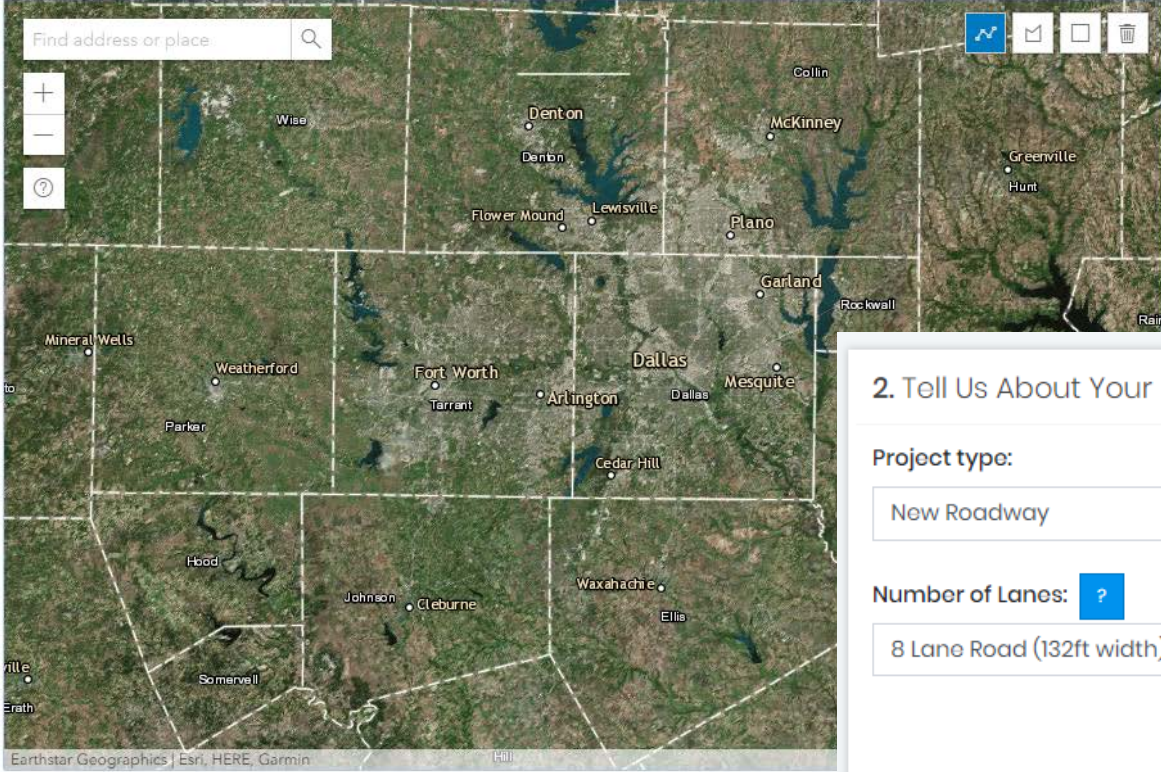
Documentation

- User Guide
- Case Studies
- Stewardship Information
- Data Report
- About

Evaluate My Project

Home > Stewardship Evaluation Tool

1. Draw Your Project Boundaries



Earthstar Geographics | Esri, HERE, Garmin

2. Tell Us About Your Project

Project type:	Will the project open up new areas for development?
<input type="text" value="New Roadway"/>	<input type="text" value="Yes"/>
Number of Lanes: <input style="background-color: #007bff; color: white; padding: 2px 5px; border: none; border-radius: 3px; font-size: 1.2em; font-weight: bold; width: 15px; height: 15px; vertical-align: middle;" type="text" value="?"/>	Total width of project (ft):
<input type="text" value="8 Lane Road (132ft width)"/>	<input type="text" value="132"/>

Economic and Environmental Benefits of Stewardship

2. Tell Us About Your Project

Project type:

New Roadway

Will the project open up new areas for development?

No

Number of Lanes: ?

Please Select

Total width of project (ft):

Enter width in feet here

Run Analysis

3. Your Project Analysis

4. Potential Environmental Effect of Your Project

5. Stewardship Options for Your Project

6. Stewardship Option Details

7. Compile Report

3. Your Project Analysis

443.7

Total Acres



2422

Feet of Streams



70.1

Acres Flood Zone



3.7

Acres Wetlands



87.1

Acres Aquatic



35.7

Acres Tree Canopy



333.6

Acres Terrestrial

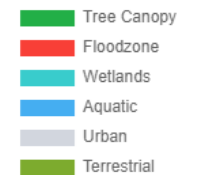
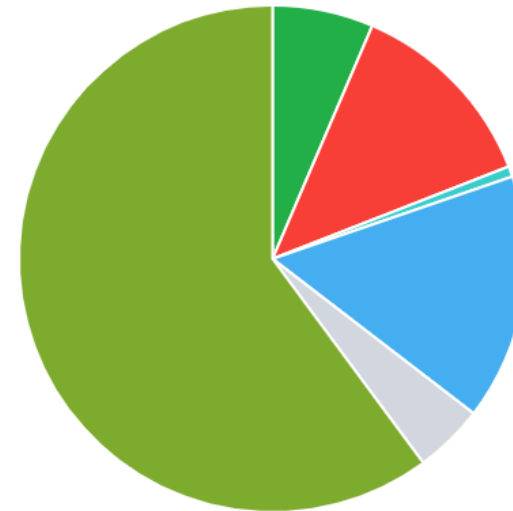


24.6

Acres Urban



Some datasets may overlap causing sum total of acres to be greater than actual total of acres.



Economic and Environmental Benefits of Stewardship

2. Tell Us About Your Project

Project type:
New Roadway

Will the project open up new areas for development?
No

Number of Lanes: ?
Please Select

Total width of project (ft):
Enter width in feet here

Run Analysis

3. Your Project Analysis

4. Potential Environmental Effect of Your Project

5. Stewardship Options for Your Project

6. Stewardship Option Details

7. Compile Report

4. Potential Environmental Effect of Your Project

 VEGETATION REMOVAL
[Learn More](#)
 Make Priority

 HEAT ISLAND EFFECT
[Learn More](#)
 Make Priority

Economic and Environmental Benefits of Stewardship

2. Tell Us About Your Project

Project type:
New Roadway

Will the project open up new areas for development?
No

Number of Lanes: ?
Please Select

Total width of project (ft):
Enter width in feet here

Run Analysis

3. Your Project Analysis

4. Potential Environmental Effect of Your Project

5. Stewardship Options for Your Project

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7. Compile Report

5. Stewardship Options for Your Project

Bioswales
Bioretention

View Details

Preservation of Open Space
Green Space

View Details

Native Tree Plantings
A Tree for a Tree

View Details

Economic and Environmental Benefits of Stewardship

2. Tell Us About Your Project

Project type:

New Roadway

Will the project open up new areas for development?

No

Number of Lanes: ?

Please Select

Total width of project (ft):

Enter width in feet here

Run And

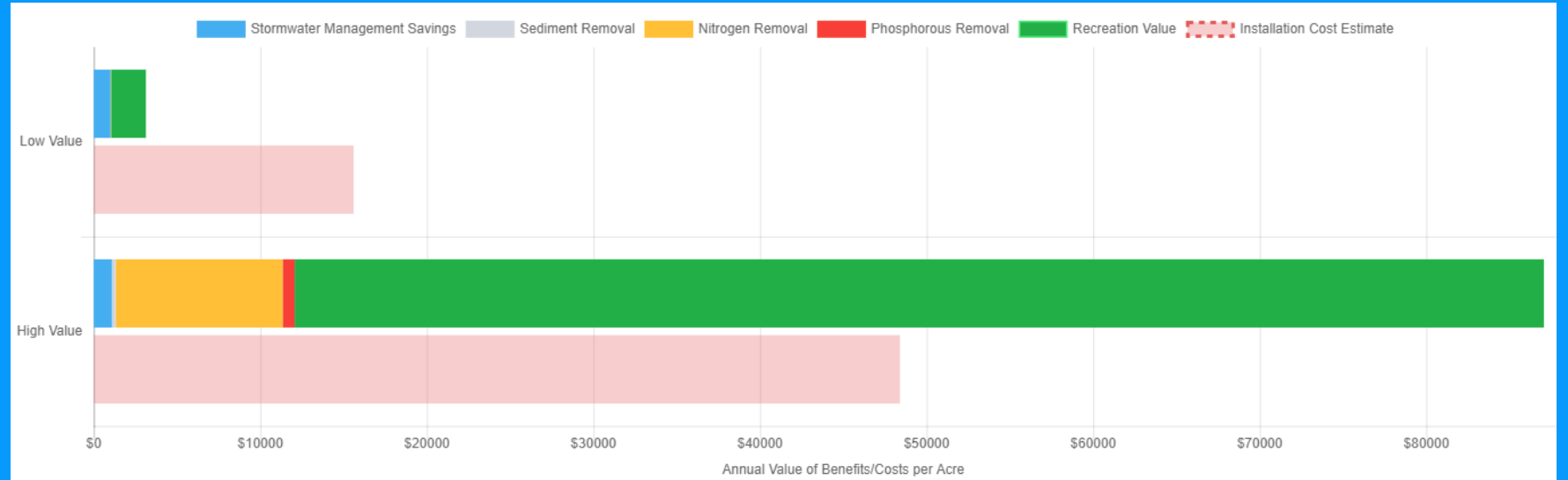
3. Your Project Analysis

4. Potential Environmental Effect of Your Project

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6. Stewardship Option Details

7. Compile Report



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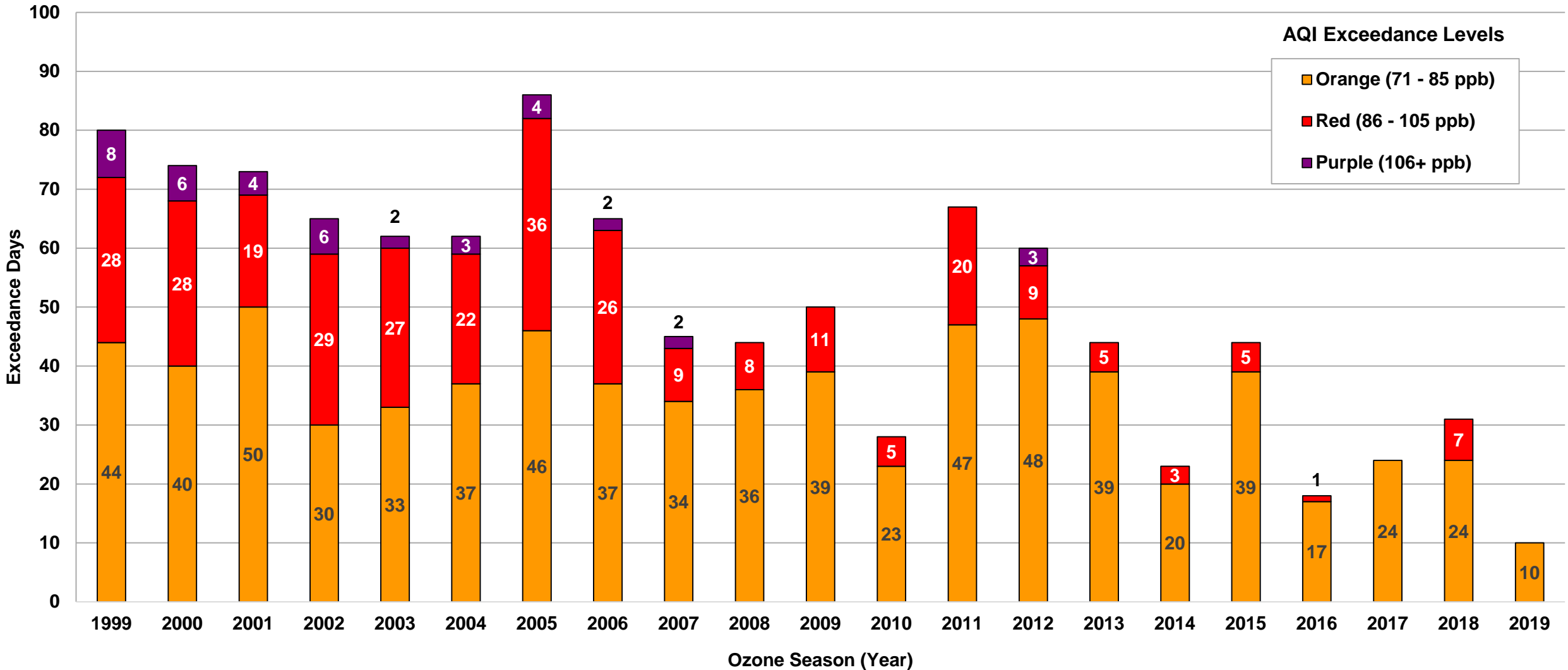
Program Manager

(817) 608-2345

jneal@nctcog.org

8-HOUR OZONE NAAQS HISTORICAL TRENDS

Based on ≤ 70 ppb (As of June 28, 2019)

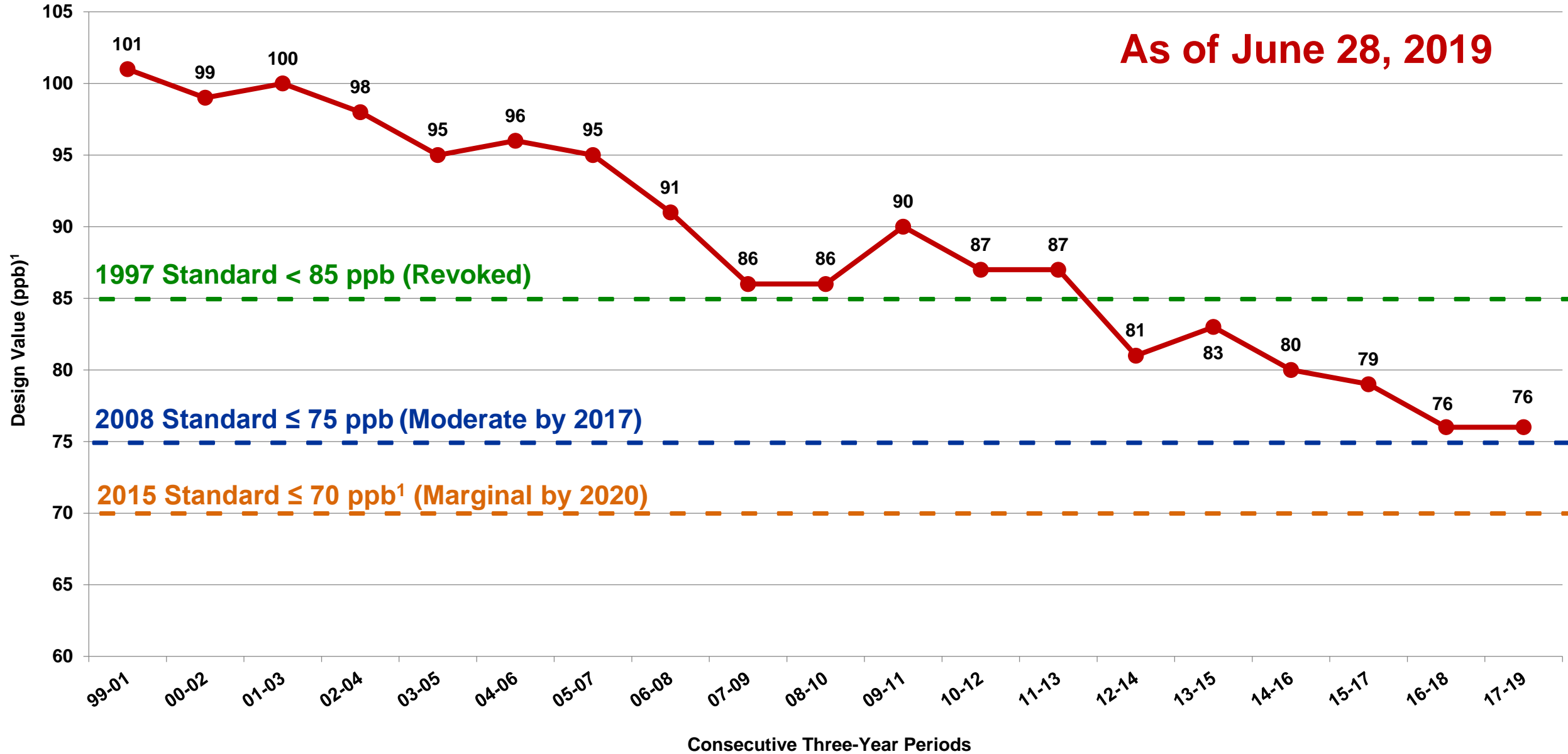


Exceedance Level indicates daily maximum eight-hour average ozone concentration.
Exceedance Levels are based on Air Quality Index (AQI) thresholds established by the EPA for the revised ozone standard of 70 ppb.

Source: TCEQ, http://www.tceq.state.tx.us/cgi-bin/compliance/monops/8hr_monthly.pl
ppb = parts per billion

8-HOUR OZONE NAAQS HISTORICAL TRENDS

As of June 28, 2019



¹Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the *Design Value* (three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentration) is equal to or less than 70 parts per billion (ppb).

For More Information

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