



# US 30 CORRIDOR

US 30 CORRIDOR IMPROVEMENTS (E03289)

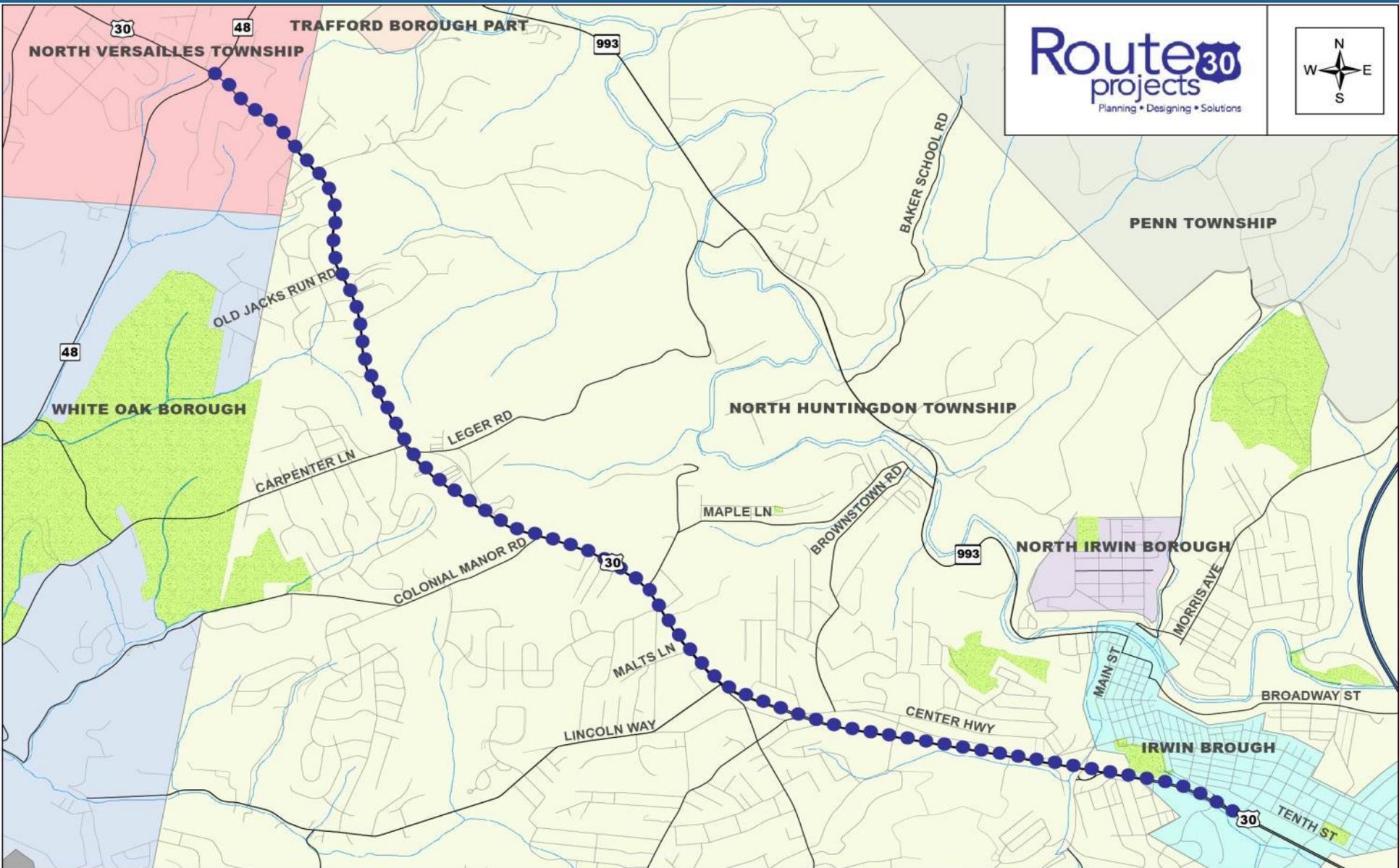
Public Meeting #1

March 2<sup>nd</sup>, 2016

# Agenda

- Project Background
- Goals and Objectives
- Project Approach
- Corridor Needs and Constraints

# Study Area



# Goals and Objectives

- Improve Safety of the US 30 Corridor
- Improve Multimodal Mobility
- Improve Corridor Reliability
- Modernize US 30

# Project Approach

- Multi-Phase Project
  - Establish the Master Plan for the Corridor
    - Phase 1A: Establish Purpose and Need
    - Phase 1B: Develop Corridor Master Plan
  - Implement the Plan in Stages Based on Priorities and Funding
    - Phase 2: Preliminary Design
    - Phase 3: Final Design
    - Phase 4: Construction

# Establish Purpose and Need

Needs based on:

- Community Input
- Safety Evaluation
- Traffic Operations
- Bridge and Highway Conditions

# Public Outreach

- **Public Outreach**
  - **Public Meetings**
  - **Survey**
  - **Website**



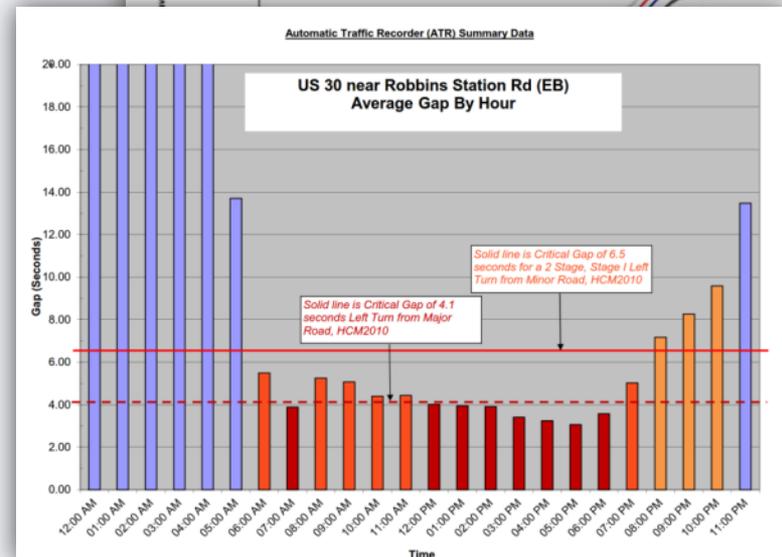
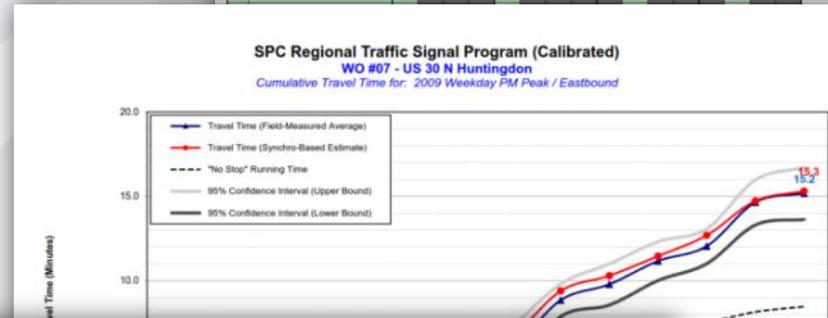
# Establish Purpose and Need

- Gather Existing Data
  - SPC
  - US 30 Corridor Master Plan
- Supplement with new data
- Corridor Observations
- GIS Data
- Transit Ridership
- Local Ordinances

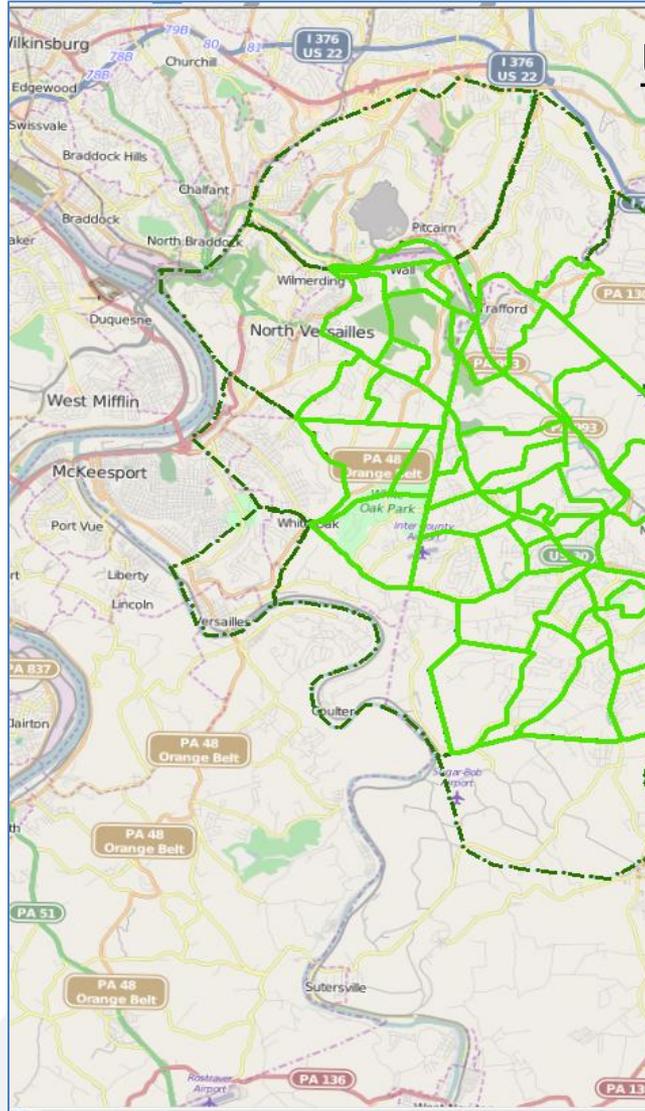
WRSA WHITMAN, REDWARD & ASSOCIATES, LLP  
Project: SPC Signal W04 07  
Location: N Huntington  
Date: 10/20/10  
Time Period: 3:30 - 4 PM  
Compiled By: WRSA (JMC)

Signalized Queue Observation Worksheet

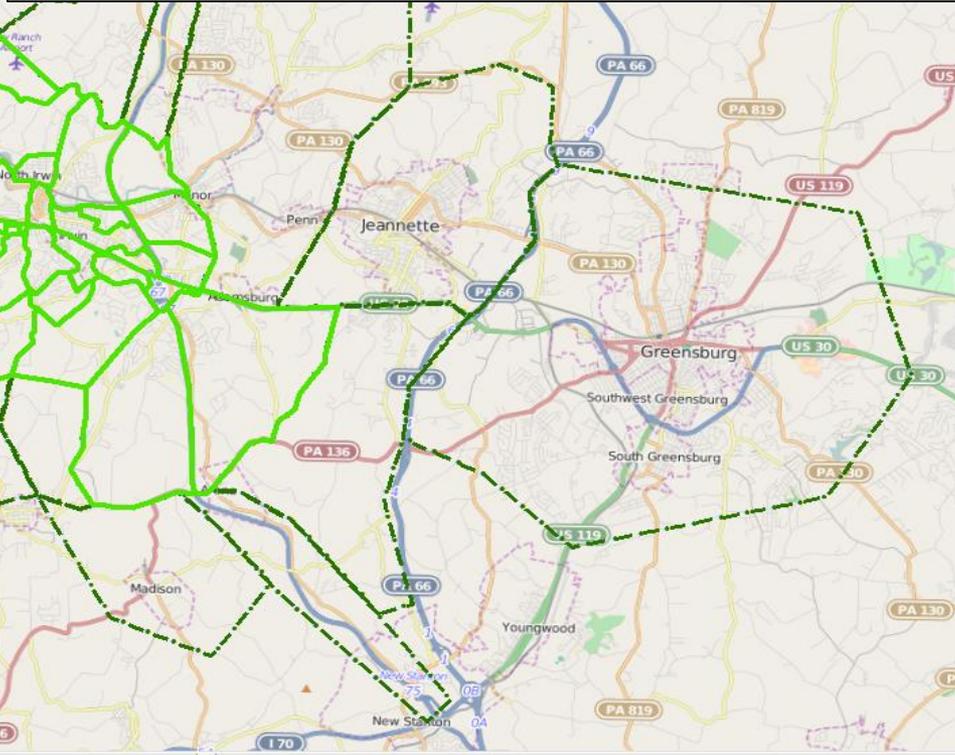
Cyc	Approach	Northbound		Southbound		Eastbound		Westbound	
		Street Name	Lane Wt	Lane Wt	Lane Wt	Lane Wt	Lane Wt	Lane Wt	
1	Control	7	4	1	4	4	3	4	3
2	Control	4	2	4	2	4	2	4	2
3	Control	4	2	4	2	4	2	4	2
4	Control	4	2	4	2	4	2	4	2
5	Control	7	3	2	4	2	4	2	4
6	Control	4	4	2	4	2	4	2	4
7	Control	1	2	4	2	4	2	4	2
8	Control	10	2	3	4	2	4	2	4
9	Control	3	1	4	2	4	2	4	2
10	Control	0	2	4	2	4	2	4	2
11	Control	3	1	4	2	4	2	4	2
12	Control	2	2	4	2	4	2	4	2
13	Control	4	2	4	2	4	2	4	2



# Establish Purpose and Need



	1	2	7	14	37	41	46	47	50	52	1000000	1000001	1000002	1000003	1000004	1000005	1000006	1000007	1000008	1000009	
Sum	1952.67	520.88	285.85	459.72	525.54	197.52	210.36	8.59	334.66	78.38	1726.78	1217.82	813.15	757	1030.66	2547.98	2548.29	2480.4	2119.33	220.13	
1	1351.07	354.5	17.21	4.12	11.38	40.43	8	7.99	2.26	11.78	1.96	74.5	51.15	12.48	23.93	15.22	192.17	122.26	88.61	108.67	2.45
2	675.64	47.66	268	0	6.23	8.47	1.01	9.01	0.58	0.86	1.45	50.17	22.79	0	8.98	4.63	75.16	65.22	39.75	65.67	0
7	474.95	26.94	6.6	170.91	5.33	10.7	0	2.38	0	8.27	3.34	23.27	46.13	0	9.19	7.94	60.9	36.48	24.92	29.1	2.55
14	678.22	16.55	16.57	4.02	283	21.34	7.22	1.85	0.88	2.26	0.91	21.09	21.28	13.53	6.57	12.23	58.06	89.05	61.53	40.3	0
37	299.8	40.47	6.87	0	7.06	61.88	0	1.79	0	3.37	6.41	31.53	24.51	6.26	3.4	4.6	28.33	16.26	40.67	16.31	0
41	364.4	29.71	0	2.69	3.14	100.27	2.95	0	0.91	5.28	33	44.3	9.33	0.28	1.6	30.24	30.76	20.67	47.13	0	
46	198.9	7.95	7.53	0.59	0	8.37	1.03	83.24	0	0	18.69	0	6.75	2.28	2.22	27.6	2.96	6.9	9.47	8.61	4.8
47	8.47	0.6	0	1.18	0	0	0	0	0	0	0	0	3.85	0	0	0	0	0.32	1.55	0	0
50	405.19	53.37	1.13	8.17	3.24	14.18	1.68	5.04	0	146.63	1.7	8.51	43.23	9.19	2.52	6.25	22.14	19.16	17.76	41.29	0
52	48.52	8.4	0	0	0.91	1.99	0	0.78	0	1.12	9.85	6.01	0	0	7.06	0.85	0.58	3.4	2.2	4.9	0.44
1000000	1607.05	126.23	17.96	20.42	9.19	32.94	11.68	11.02	2.54	8.41	15.57	703.26	121.25	53.01	18.37	11.58	69.58	104.59	105.7	160.13	3.62
1000001	941.72	70.93	4.67	4.08	5.15	24.95	6.88	2.5	0	32.72	3.39	129.03	315.43	42.22	14.59	4.22	71.12	60.1	71.2	78.54	0
1000002	1093.35	97.95	10.95	1.76	0	10.13	0.26	0	0	12.58	1.77	47.11	111.02	493.14	41.81	16.19	51.06	70.21	54.68	40.43	32.3
1000003	1195.74	157.55	3.46	15.42	12.07	18.41	0	18.23	0	24.91	2.62	67.07	40.2	37.07	411.7	20.66	76.35	119.22	88.47	80.39	1.67
1000004	1599.67	102.63	9.17	1.88	9.83	35.69	0.64	12.03	0	2.33	1.94	71.95	37.82	3.24	44.2	742.19	27.68	165.64	46.04	84.77	0
1000005	1949.64	207.19	36.96	6.98	18.41	36.71	1.9	16.52	0	5.67	4.16	105.65	44.84	8.42	14.17	107.57	27.35	230.28	140.96	122.4	0
1000006	2023.91	171.98	43.14	14.41	23.2	63.58	7.06	10.34	0	12.31	1.07	85.69	62.85	20.54	25.12	35.53	25.55	831.8	213.18	188.96	7.01
1000007	3135.04	106.69	30.96	26.47	49.06	107.78	15.24	19.33	1.36	16.31	2.32	162.9	139.73	30.69	37.51	22.41	382.77	365.62	1214.08	388.58	15.23
1000008	1677.86	125.37	37.5	2.75	12	16.06	17.55	5.36	0	20.42	14.64	90.35	75.62	30.58	40.06	16.08	156.19	175.23	236.52	605.58	0
1000009	306.57	0	2.2	0	0	8.84	0	0	0	5.11	0	8.94	13.39	37.38	19.4	2.7	5.53	31.99	4.85	11.38	154.86



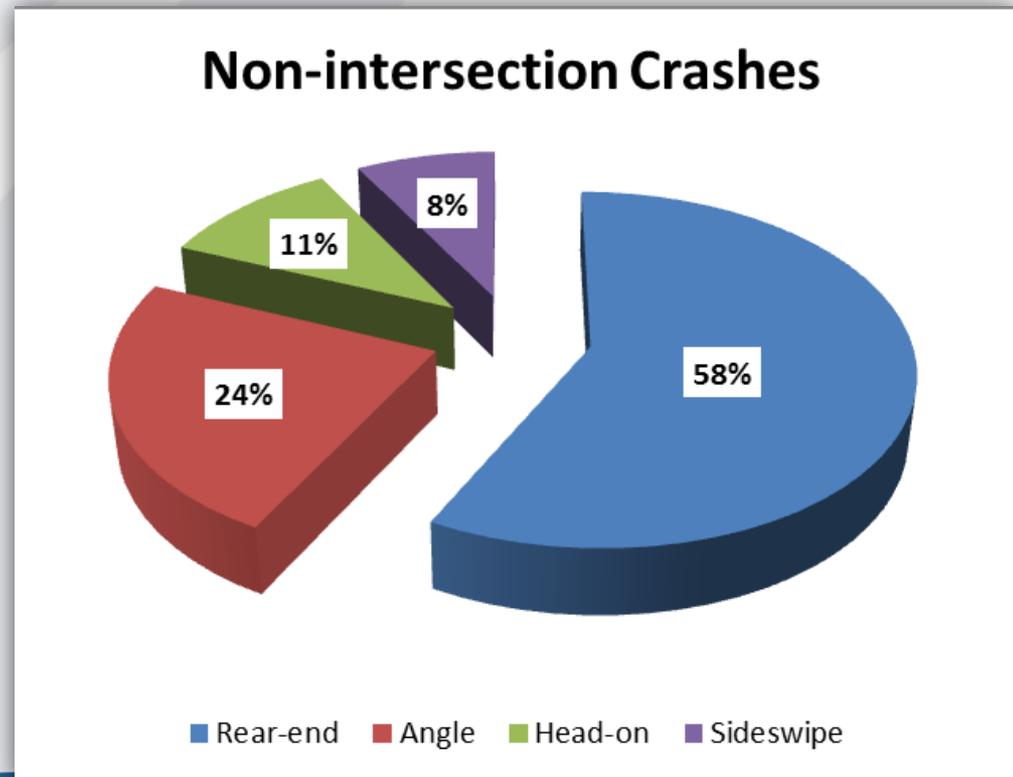
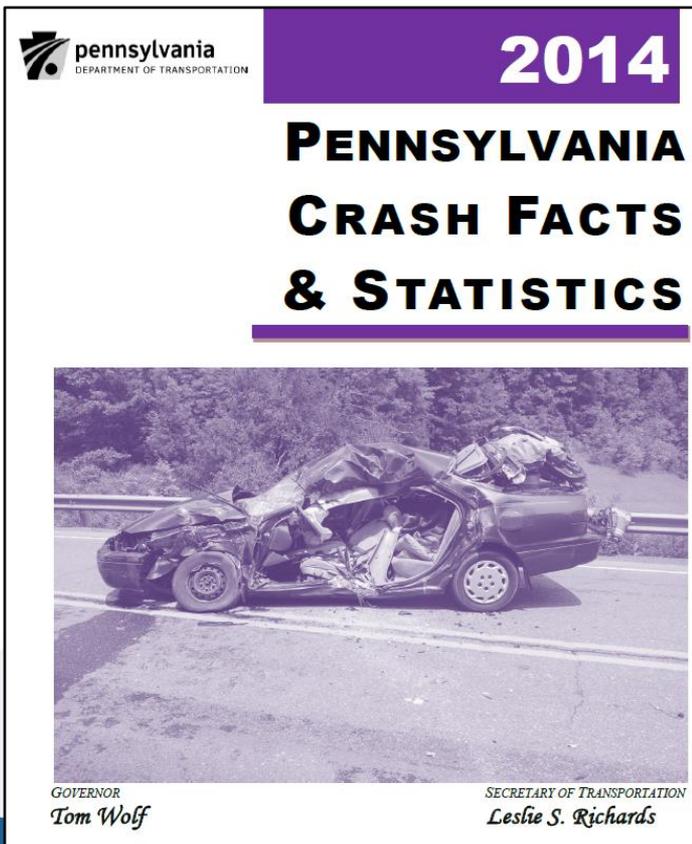
# Establish Purpose and Need



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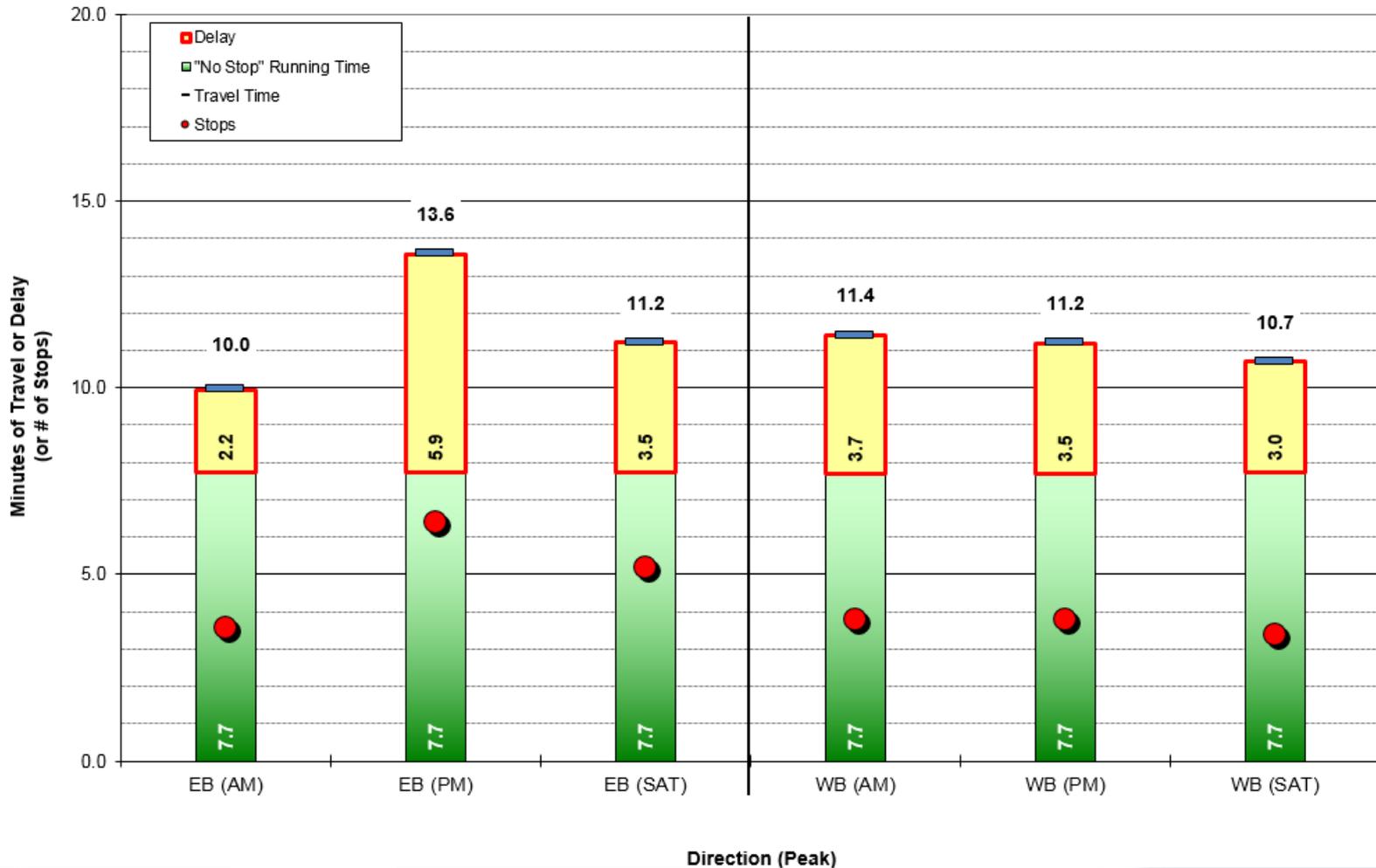
## Safety Evaluation

- Based on Highway Safety Manual
- Based on PennDOT Publication



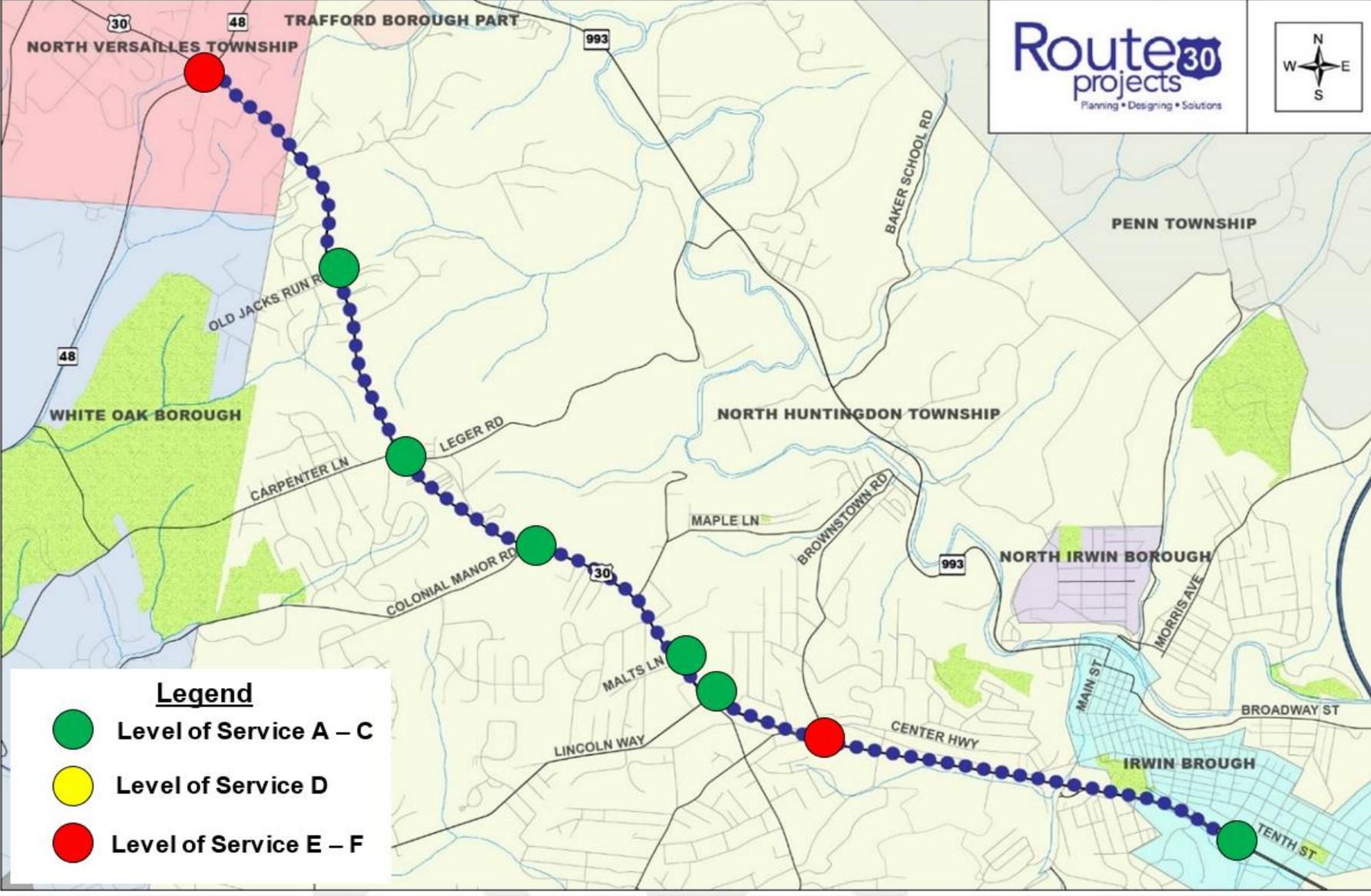
# Establish Purpose and Need

**US 30 Corridor Study**  
**US 30 (Lincoln Hwy) - From SR 48 to 10th St**  
*Average Cumulative Travel Time, Delay, and Stop Summary ("Before" Condition)*



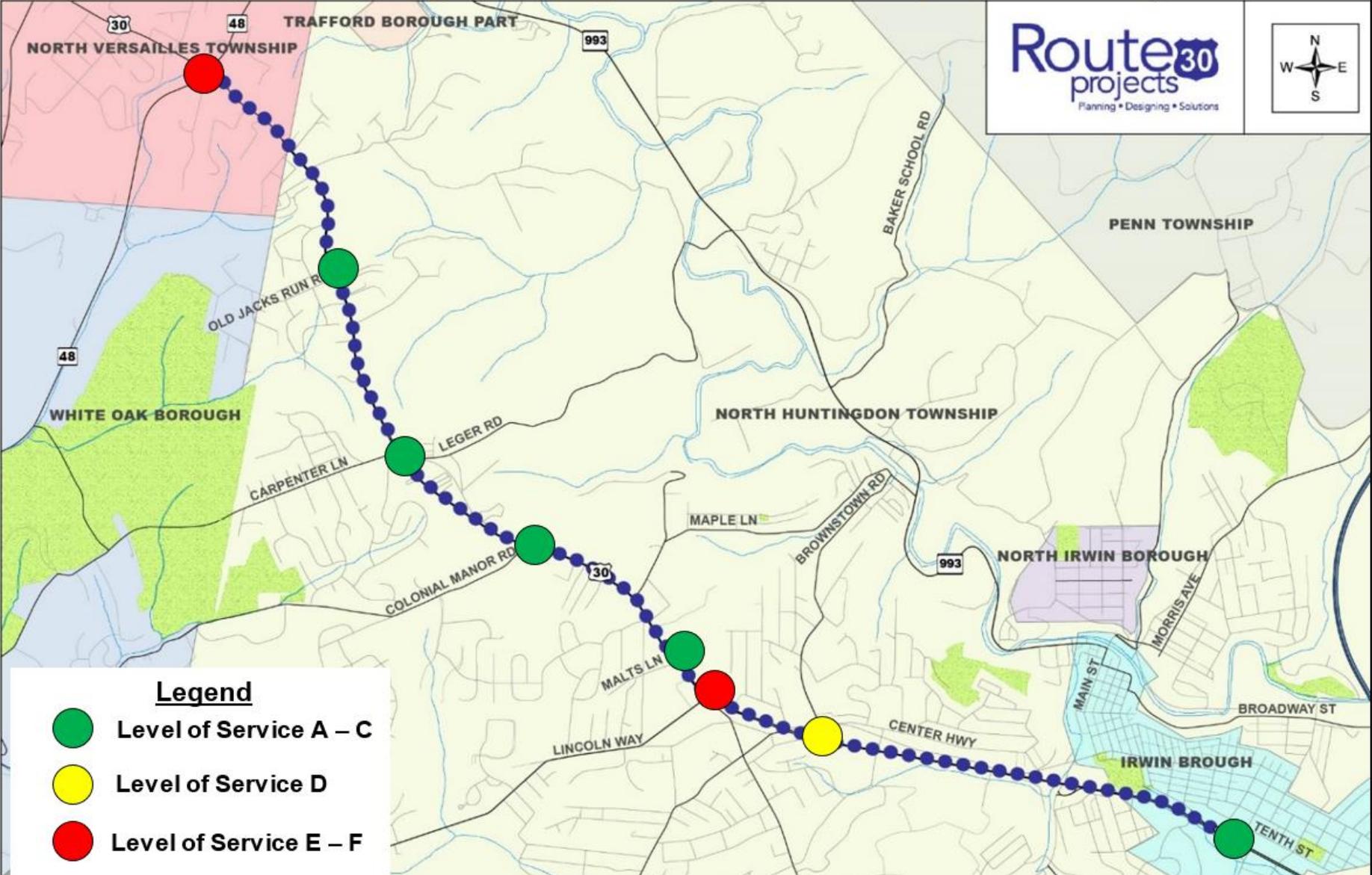
# Establish Purpose and Need

Figure 14: Existing 2015 AM Peak Intersection Level of Service Summary



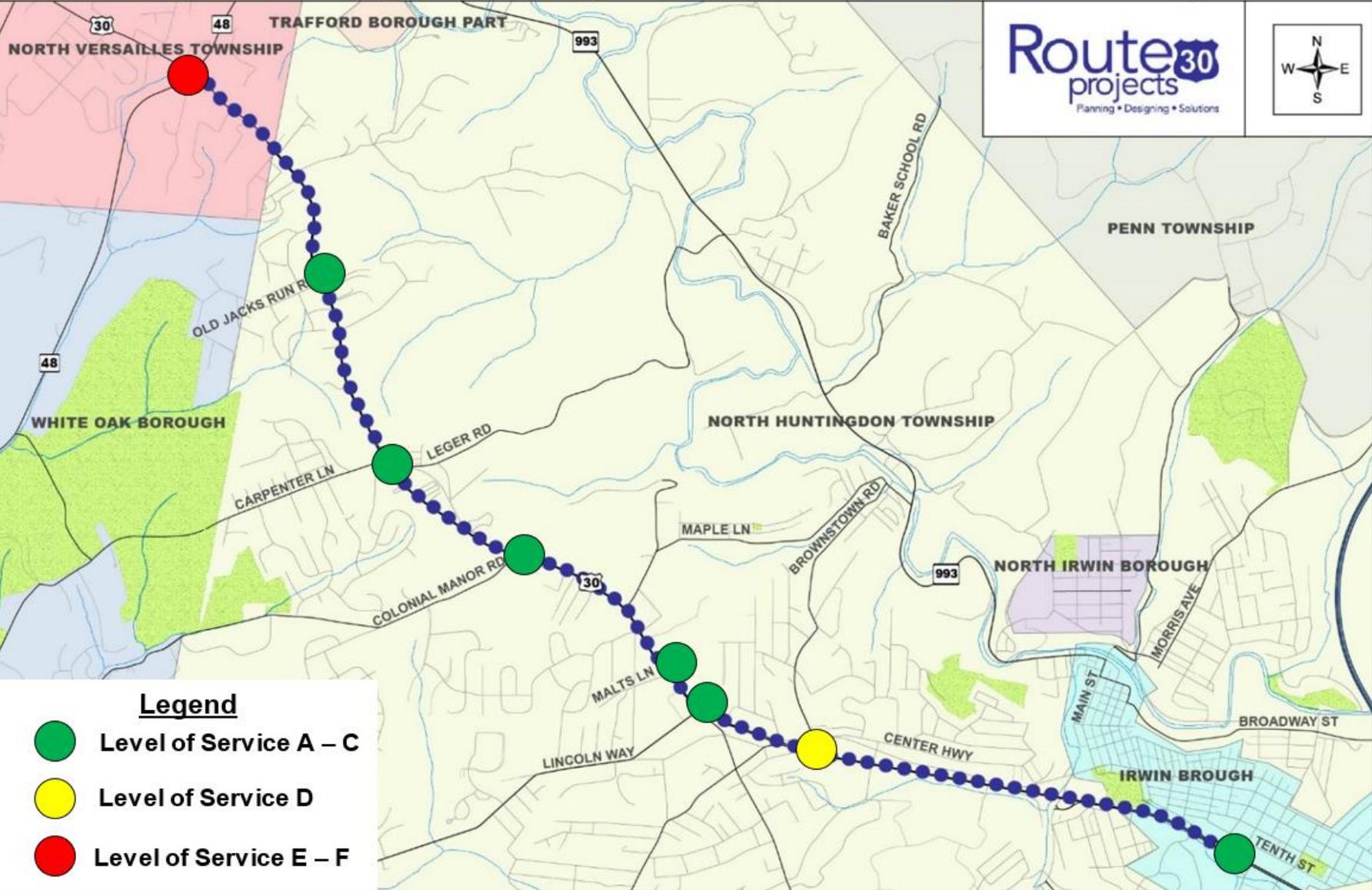
# Establish Purpose and Need

Figure 14: Existing 2015 PM Peak Intersection Level of Service Summary



# Establish Purpose and Need

Figure 14: Existing 2015 Saturday Peak Intersection Level of Service Summary



# Establish Purpose and Need



# Environmental Constraints

- Background information
- Field view
- Public and Stakeholder Discussions



# How to Participate

## Stay Informed and Provide:

- Website
- Travel Survey

The image shows a screenshot of the Route 30 projects website. At the top, the logo reads "Route 30 projects" with the tagline "Planning • Designing • Solutions". Below this is a dark blue header with the text "Route 30 Projects". The main content area contains a paragraph: "PennDOT Engineering District 12-0 is beginning a US 30 Corridor Improvements Project in cooperation with North Huntingdon Township, North Versailles Township, and Irwin Borough. The first phase of this project will help us to develop a corridor improvements master plan. Based on priorities and funding, this master plan will guide future design and construction activities to modernize US 30 while enhancing safety, multimodal mobility, and corridor reliability." To the right of this text, there is a small section that says "anonymous and all responses will be" and "North Huntingdon Township, North".

Find details for projects along US Route 30 in Westmoreland & Allegheny Counties

Route 30 projects  
Planning • Designing • Solutions

[www.Route30projects.com](http://www.Route30projects.com)

Engineering District 12

pennsylvania  
DEPARTMENT OF TRANSPORTATION

# Public Exercise

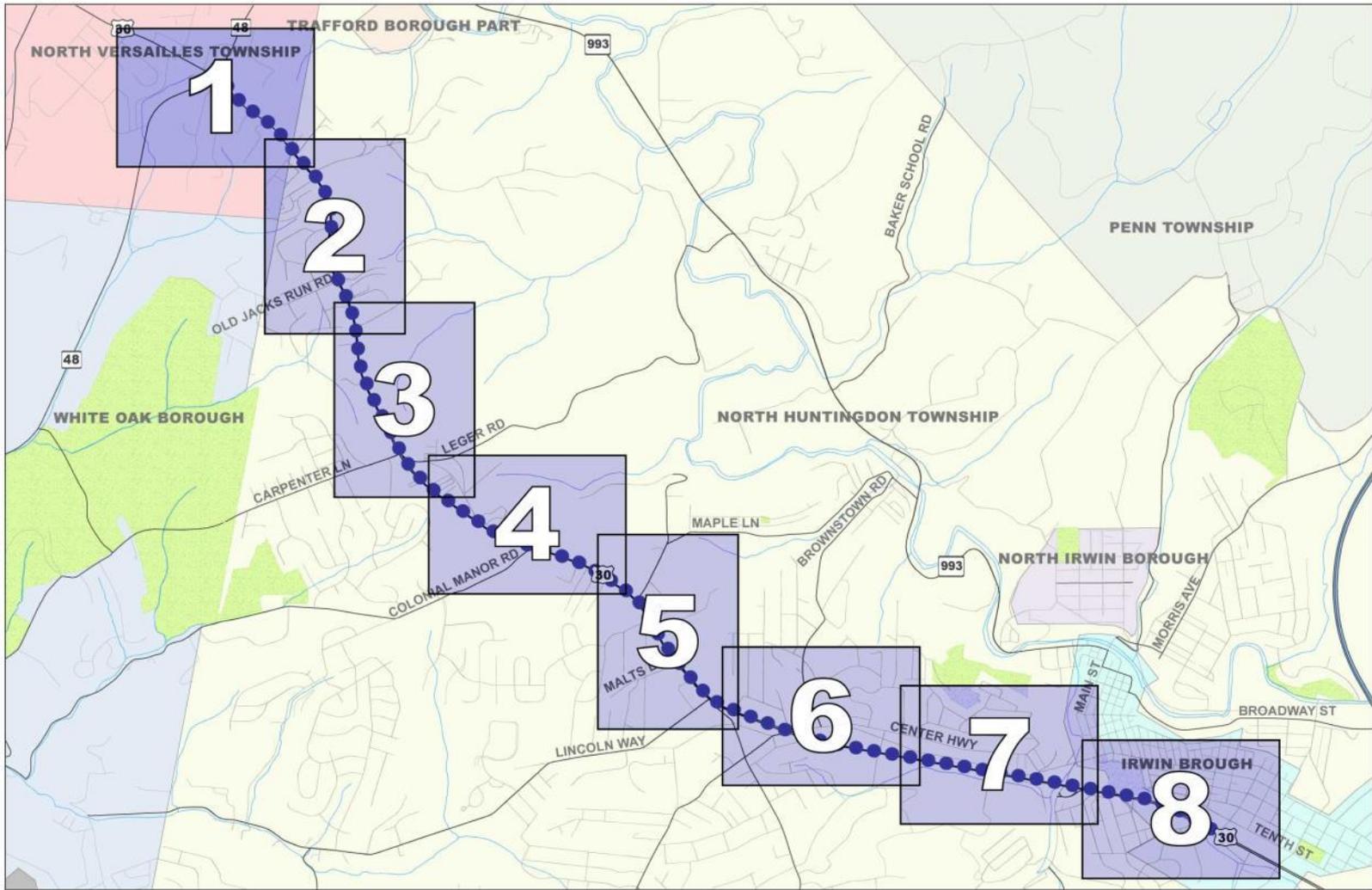
## Identify Corridor Concerns:

- Safety Concerns
- Congestion Hot Spots
- Access Issues

## Note Corridor Constraints:

- Abandoned Gas Stations
- Historic Properties

# Public Exercise



# Next Steps

- Summarize Input from the Meeting and Survey
- Complete Analysis and Investigation
- Determine the Purpose and Need for Transportation Improvements
- Determine Solutions to Address the Needs