US 30 CORRIDOR

US 30 CORRIDOR IMPROVEMENTS (E03289)

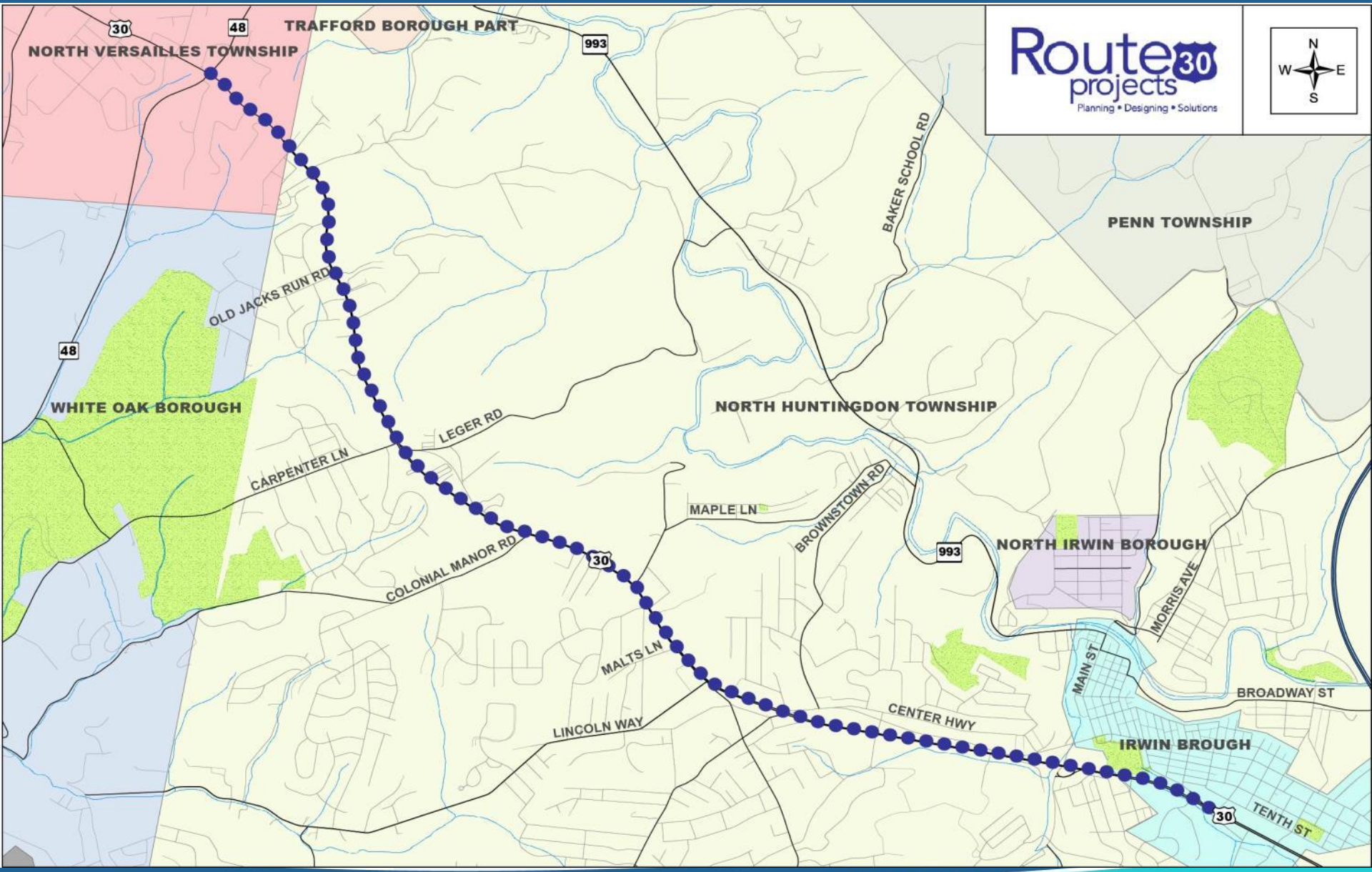
Public Meeting #1

March 2nd, 2016

Agenda

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

Study Area


Route 30 projects
Planning • Designing • Solutions
N
W
E
S
30
48
TRAFFORD BOROUGH PART
NORTH VERSAILLES TOWNSHIP
993
BAKER SCHOOL RD
PENN TOWNSHIP
OLD JACKS RUN RD
48
WHITE OAK BOROUGH
LEGER RD
CARPENTER LN
NORTH HUNTINGDON TOWNSHIP
MAPLE LN
BROWNSTOWN RD
993
NORTH IRWIN BOROUGH
MORRIS AVE
COLONIAL MANOR RD
30
MALTS LN
MAIN ST
BROADWAY ST
CENTER HWY
LINCOLN WAY
IRWIN BROUGH
30
TENTH ST

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:

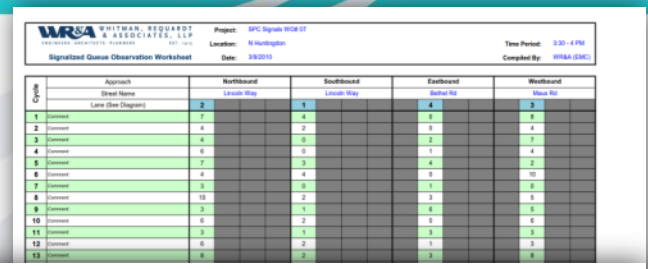
- Community Input
- Safety Evaluation
- Traffic Operations
- Bridge and Highway Conditions

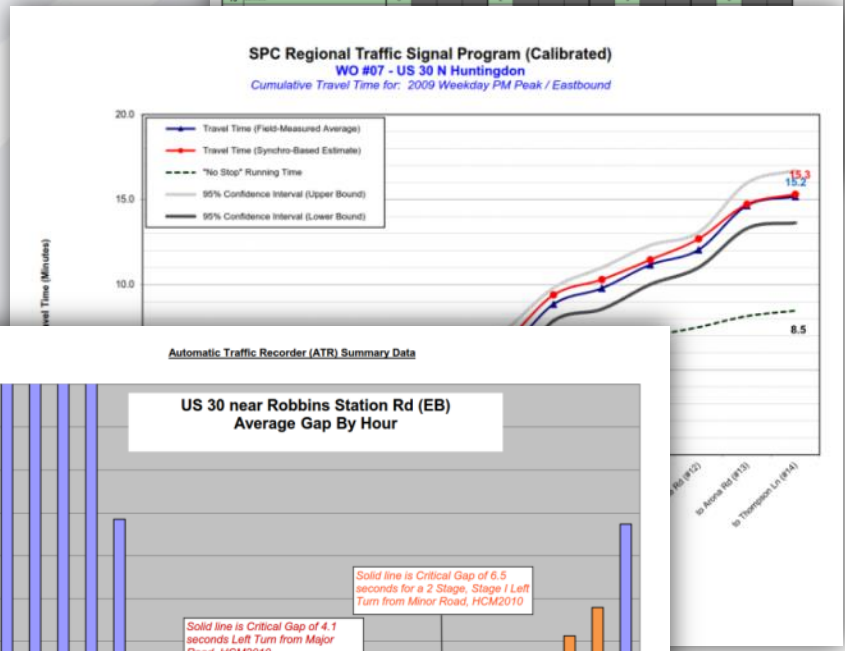
Public Outreach

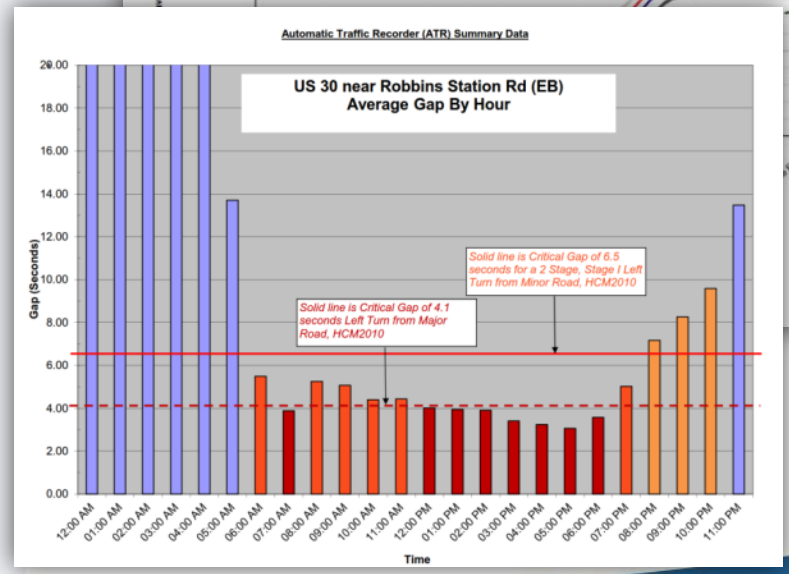
- Public Outreach
  - Public Meetings
  - Survey
  - Website

Establish Purpose and Need

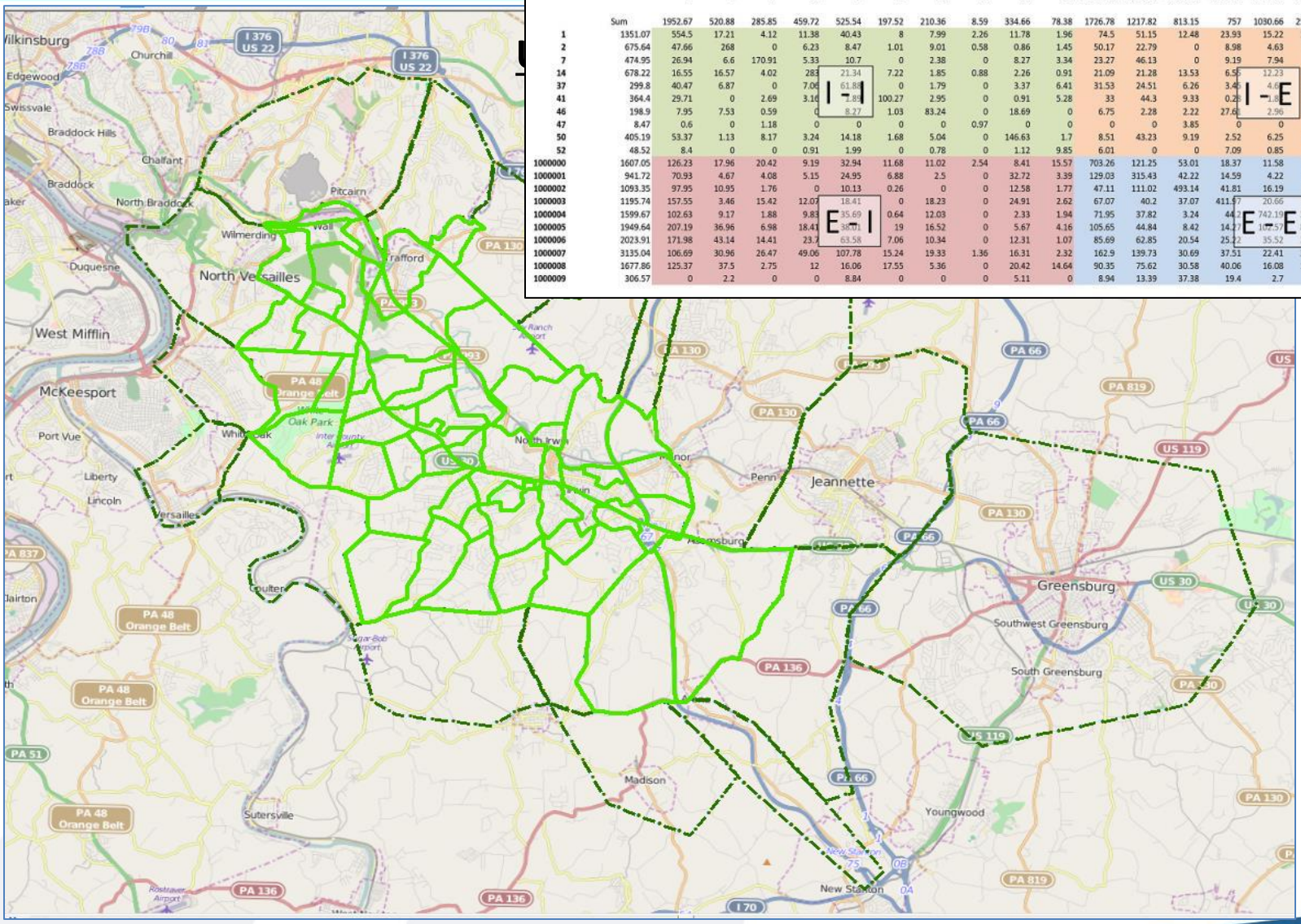
- Gather Existing Data
  - SPC
  - US 30 Corridor Master Plan
- Supplement with new data
- Corridor Observations
- GIS Data
- Transit Ridership
- Local Ordinances







Establish Purpose and Need



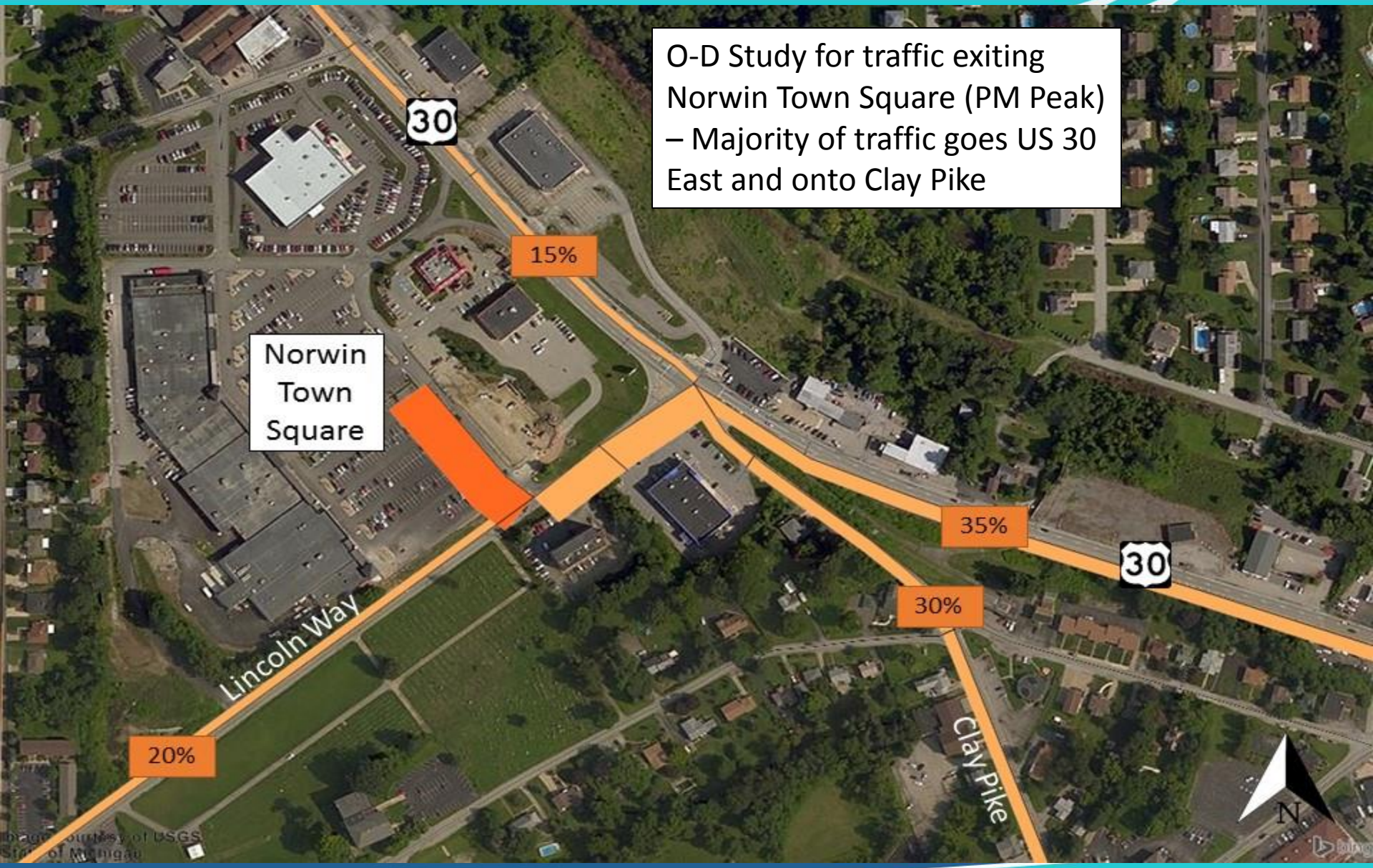
	Sum	1	2	7	14	37	41	46	47	50	52	1000000	1000001	1000002	1000003	1000004	1000005	1000006	1000007	1000008	1000009
	Sum	1952.67	520.88	285.85	459.72	525.54	197.52	210.36	8.59	334.66	78.38	1726.78	1217.82	813.15	757	1030.66	2547.98	2548.29	2480.4	2119.33	220.13
1	1351.07	554.5	17.21	4.12	11.38	40.43	8	7.99	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	6.55	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	3.47	4.63	28.33	16.26	40.67	16.31	0
41	364.4	29.71	0	2.69	3.16	7.89	100.27	2.95	0	0.91	5.28	33	44.3	9.33	0.23	1.85	30.24	30.76	20.67	47.13	0
46	198.9	7.95	7.53	0.59	0	8.27	1.03	83.24	0	18.69	0	6.75	2.28	2.22	27.61	2.96	6.9	9.47	8.61	4.8	0
47	8.47	0.6	0	1.18	0	0	0	0	0.97	0	0	0	0	3.85	0	0	0.32	1.55	0	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	7.09	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	411.57	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	227.68	165.64	46.04	84.77	0
1000005	1949.64	207.19	36.96	6.98	18.41	38.01	19	16.52	0	5.67	4.16	105.65	44.84	8.42	14.2	102.57	827.35	230.28	140.96	122.4	0
1000006	2023.91	171.98	43.14	14.41	23.7	63.58	7.06	10.34	0	12.31	1.07	85.69	62.85	20.54	25.22	35.52	205.55	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

I - E

E - I

E - E

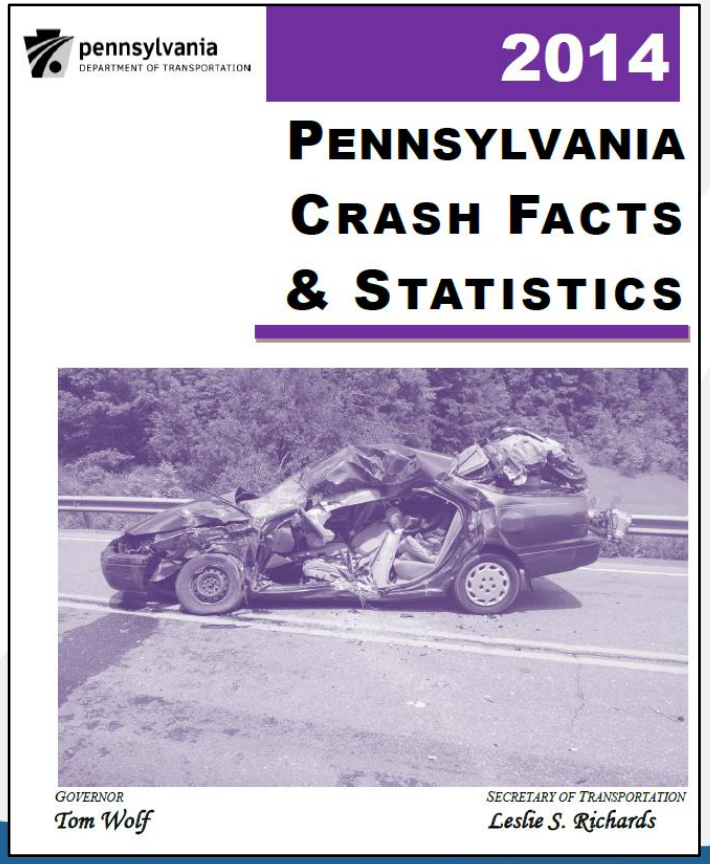
Establish Purpose and Need

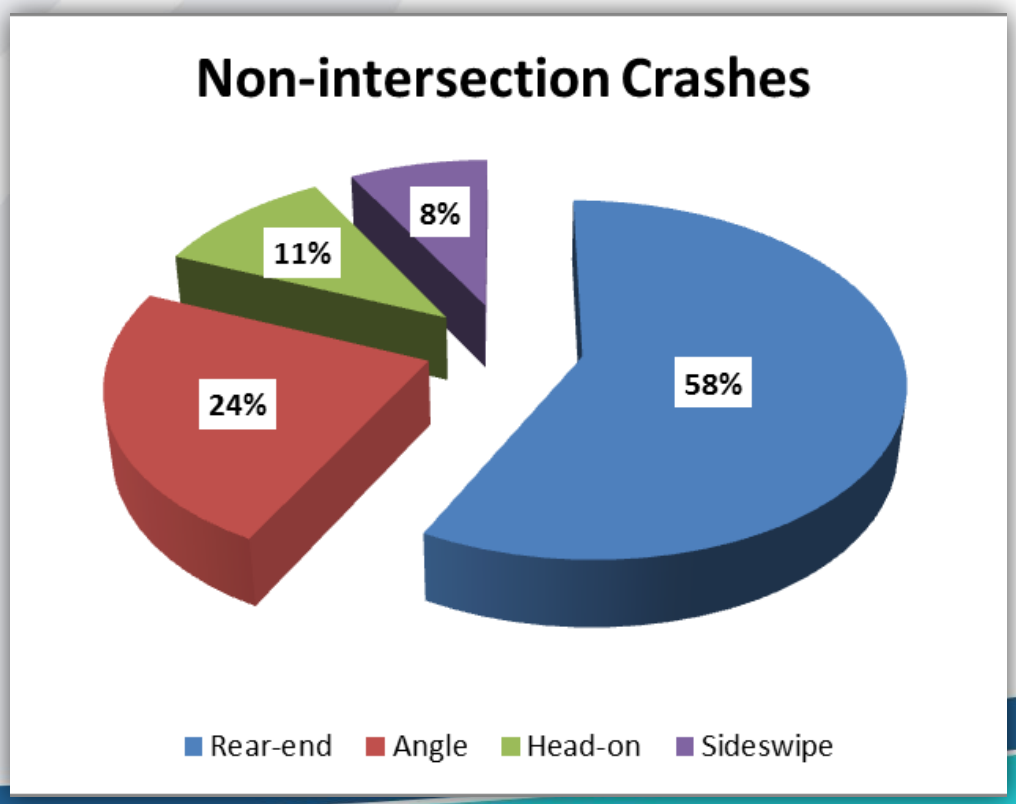


Establish Purpose and Need

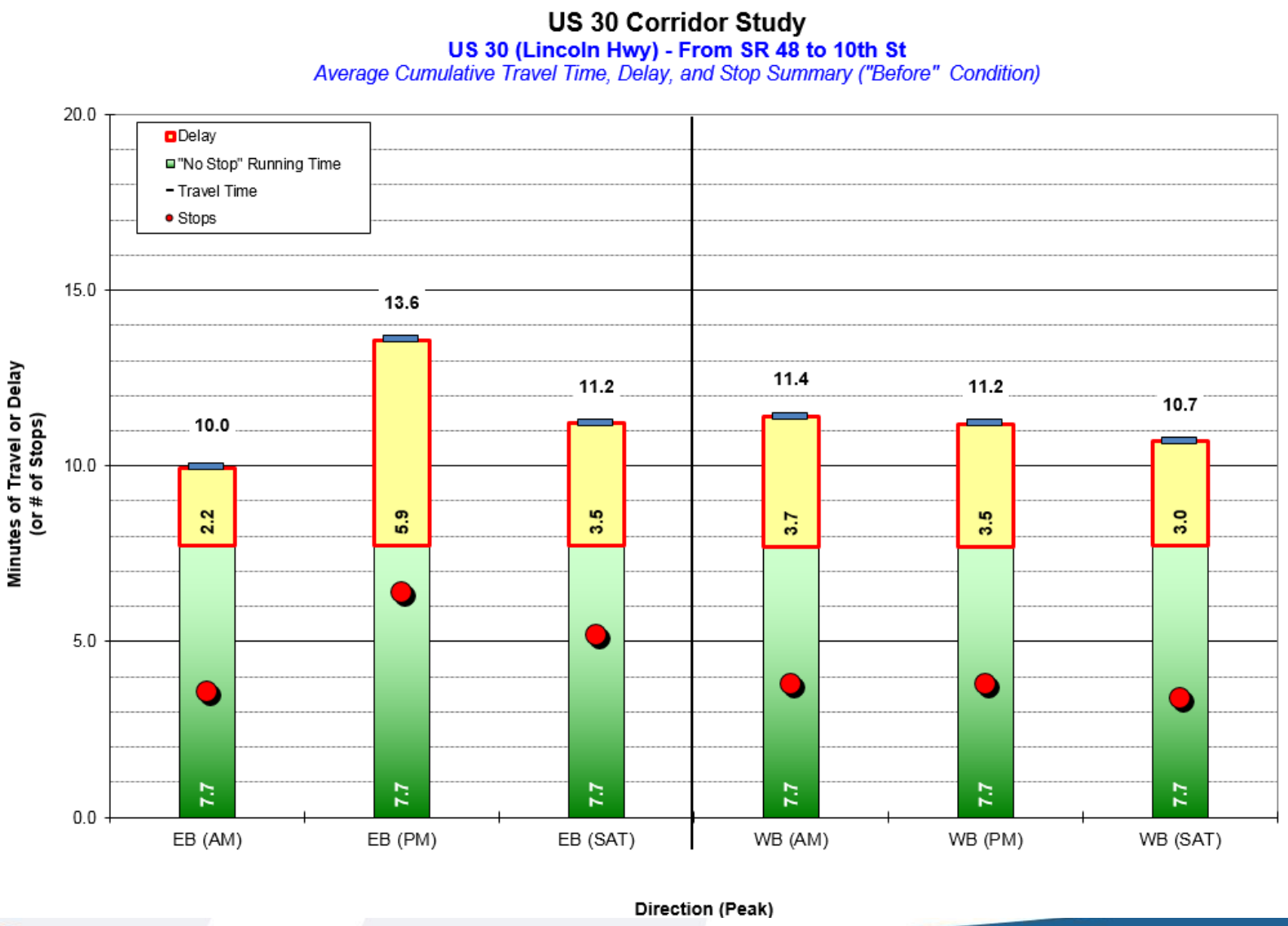
Safety Evaluation

- Based on Highway Safety Manual
- Based on PennDOT Publication



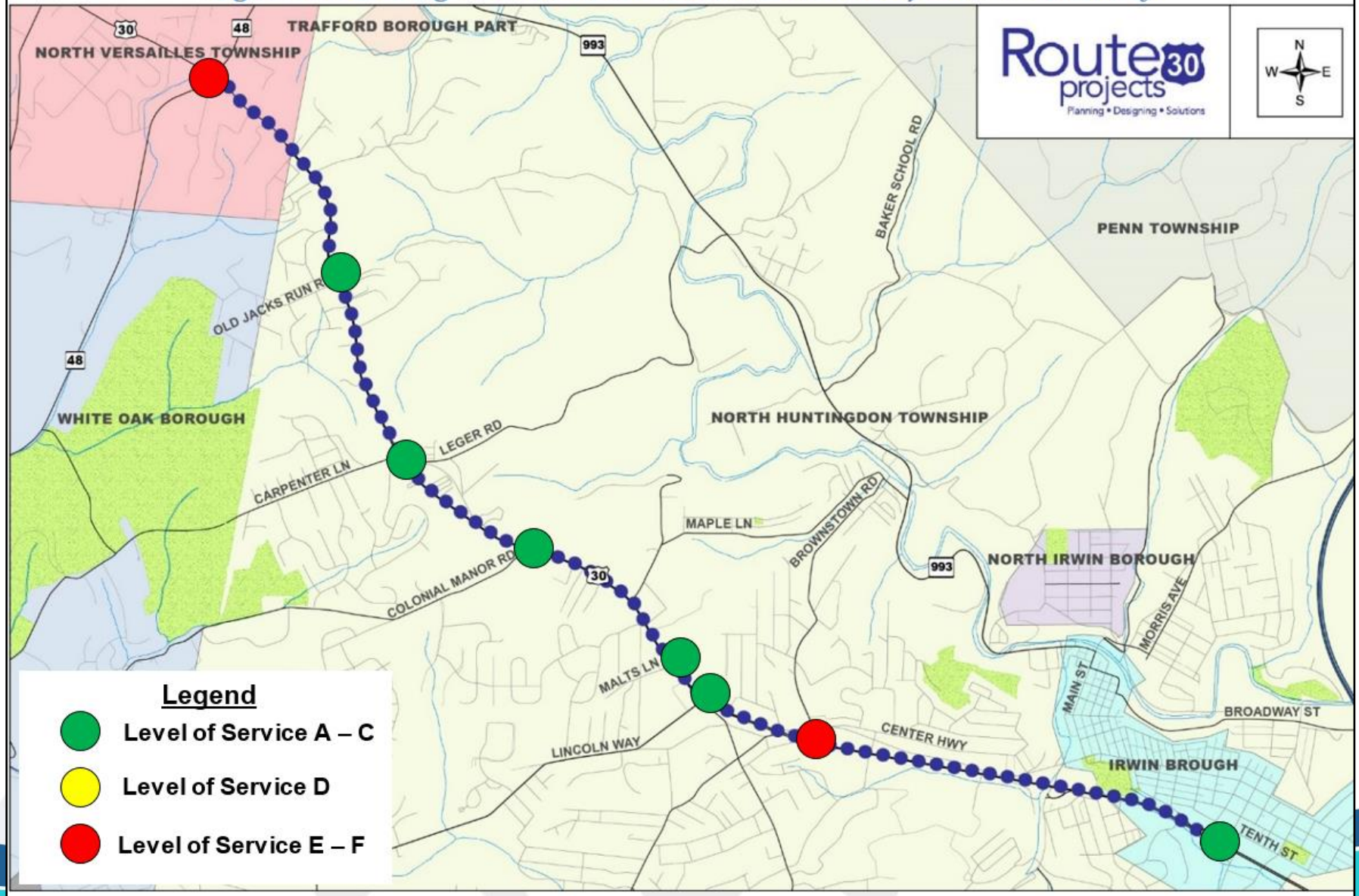


Establish Purpose and Need



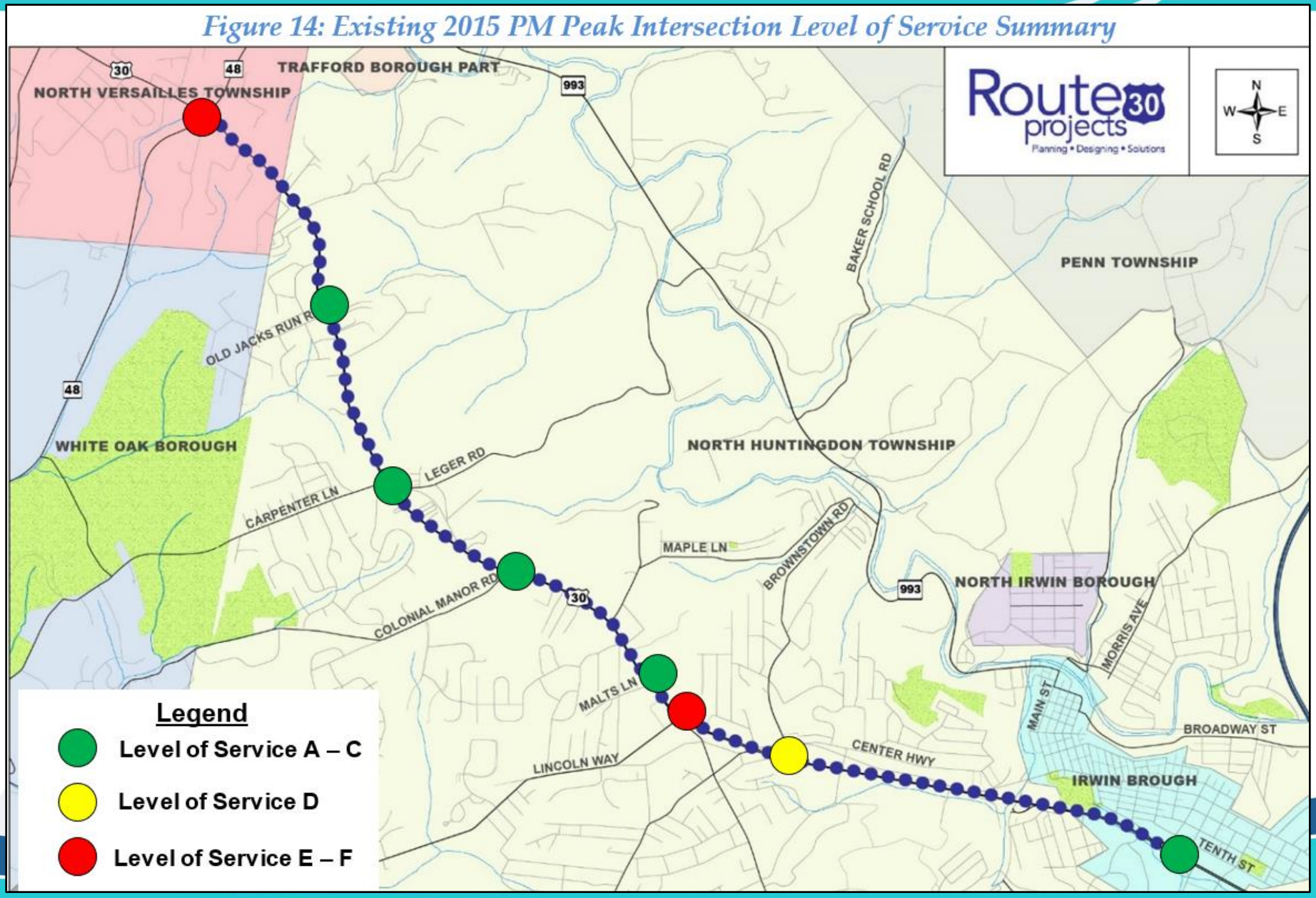
Establish Purpose and Need

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



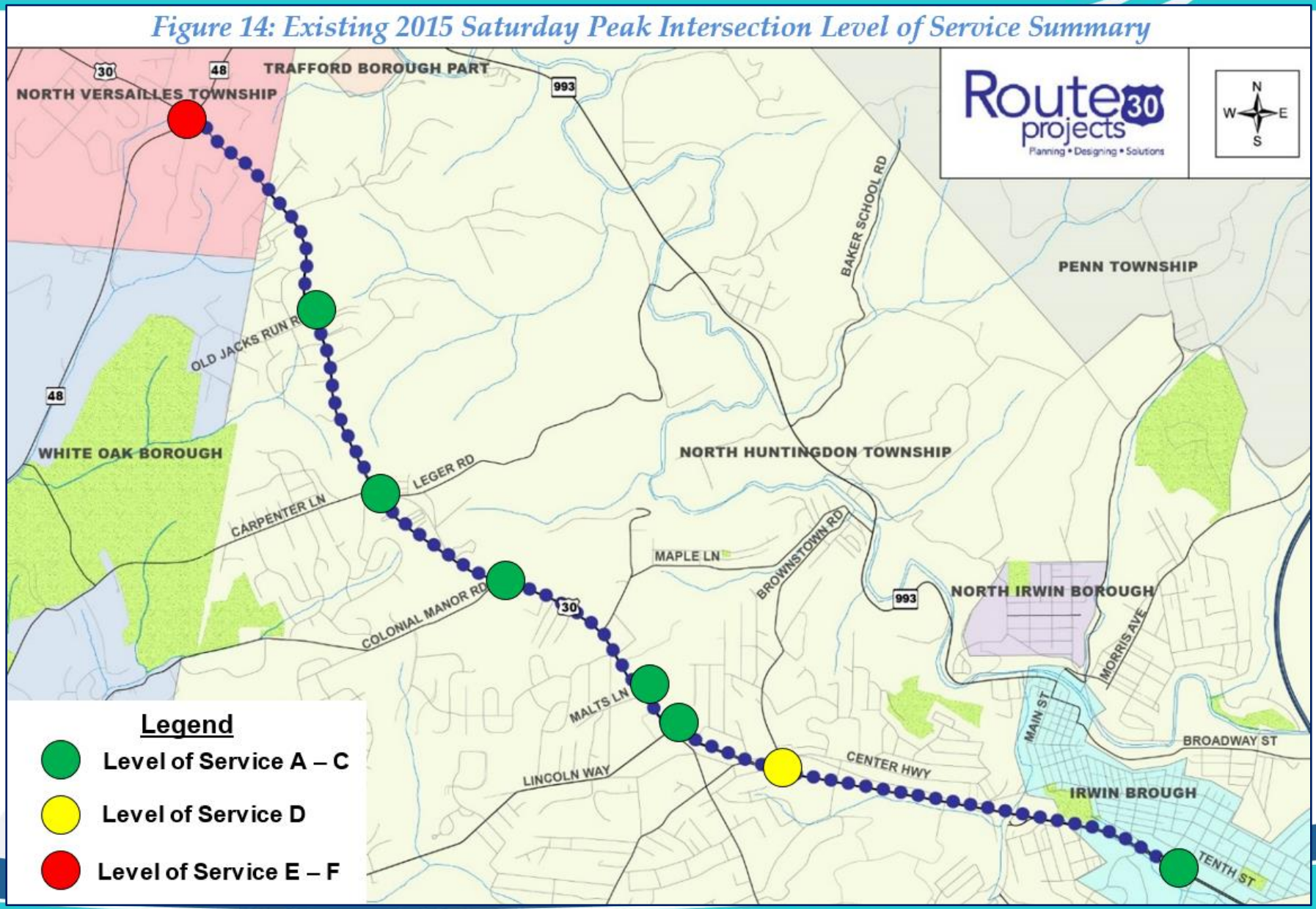
Establish Purpose and Need

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

Public Exercise

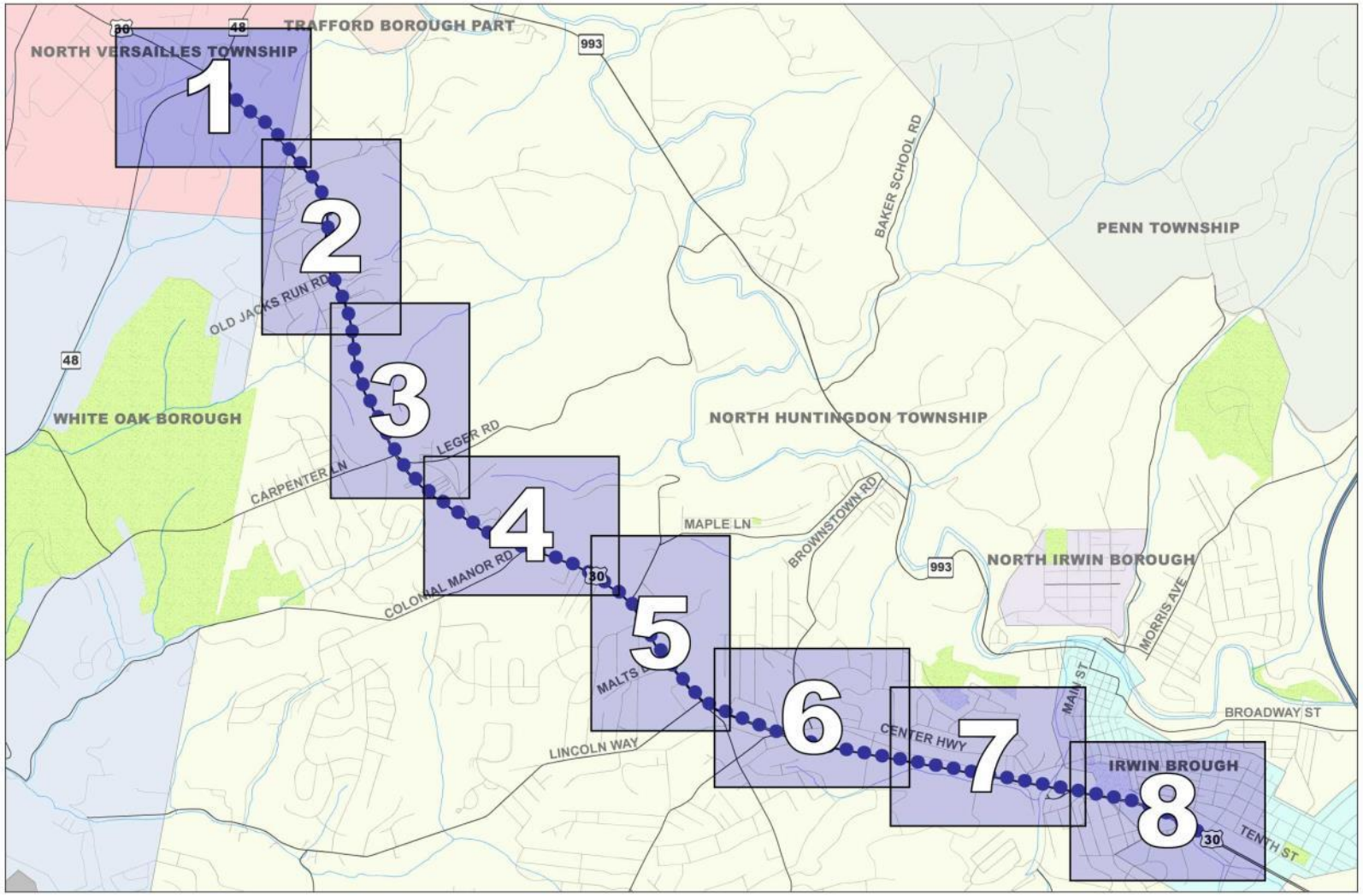
Identify Corridor Concerns:

- 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