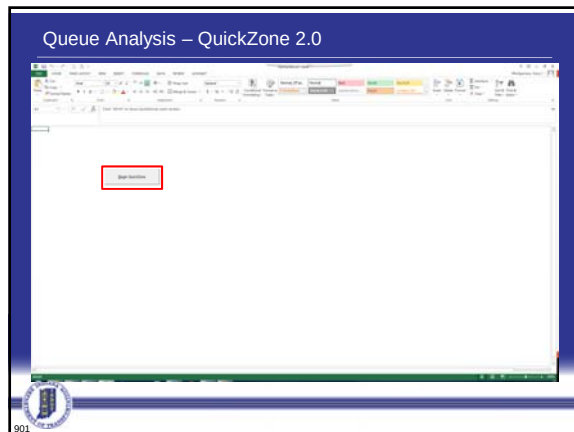
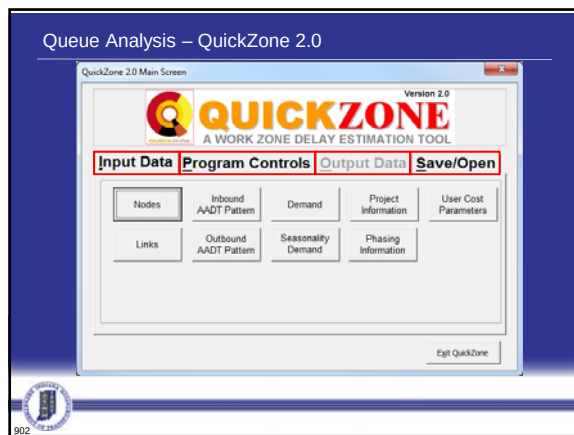
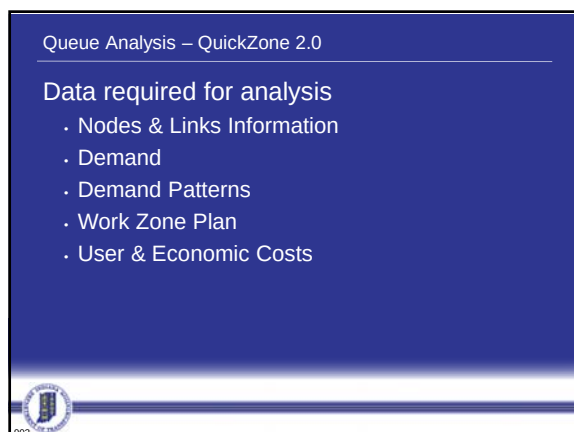








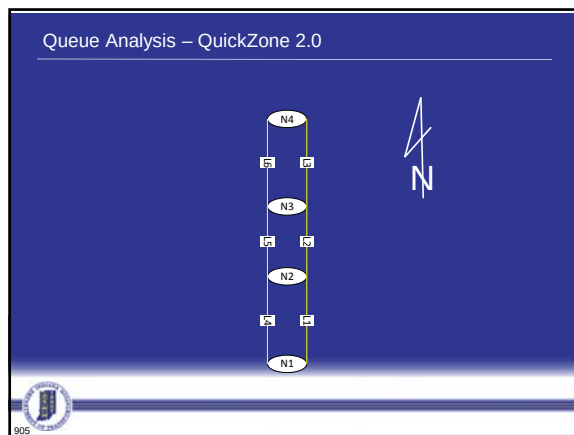
Queue Analysis – QuickZone 2.0

Data required for analysis

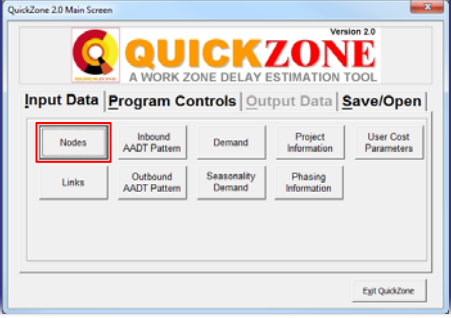
- Nodes & Links Information
- Demand
- Demand Patterns
- Work Zone Plan
- User & Economic Costs



904



Queue Analysis – QuickZone 2.0



906



Queue Analysis – QuickZone 2.0

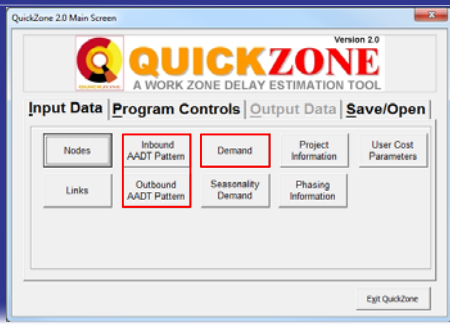
Data required for analysis

- Nodes & Links Information
- Demand
- Demand Patterns
- Work Zone Plan
- User & Economic Costs



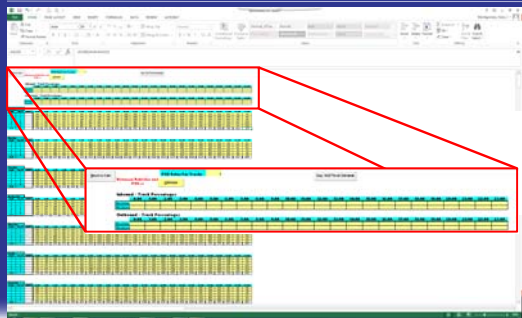
910

Queue Analysis – QuickZone 2.0



911

Queue Analysis – QuickZone 2.0



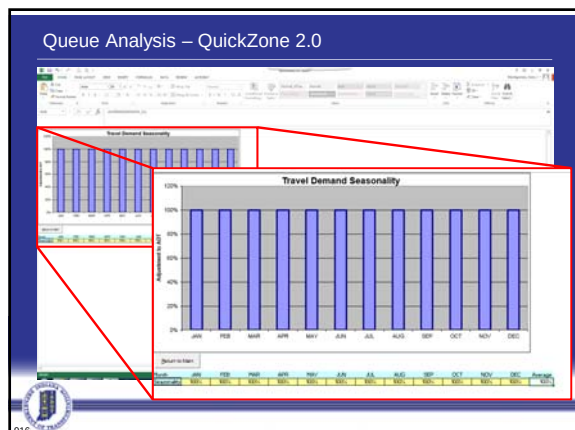
912

Queue Analysis - QuickZone 2.0

LOS 100	LOS 500	LOS 1000	LOS 1500
Folio	Folio	Folio	Folio
Average	Average	Average	Average
Complaints	Complaints	Complaints	Complaints
Months	Months	Months	Months
1.0211432	0.7710917	0.7710917	0.7710917
1.0181747	475	1.7510917	0.86
0.8874285	355	0.1192912	6.28
1.2287517	538	1.0647091	1.18
1.2089242	782	1.0613036	773
0.8845418	884	1.0771918	1747
0.5640224	1488	0.9212711	1604
0.58931025	1675	0.9304045	2708
1.0281945	1787	0.8877729	2780
0.3241274	1842	0.9140121	1842
1.0825673	1771	1.0821405	1679
1.0581061	1637	1.0220701	1770
1.2211478	2120	1.0270247	1968
1.0819332	1866	1.0697309	1987
1.1201742	2058	1.0317479	1714
1.1373808	2039	0.8757632	2945
1.0881008	2058	1.0278121	2188
1.1488487	3387	1.0710542	2188
1.0551483	2063	1.0573446	2188
1.3048222	1884	1.0192613	1746
1.3058406	1812	1.0757061	1812
1.2675348	1645	1.1524064	1173
1.1628181	152	1.0741248	1679
1.3818821	880	1.1037357	1679

[illegible][illegible]

Queue Analysis – QuickZone 2.0



Queue Analysis – QuickZone 2.0

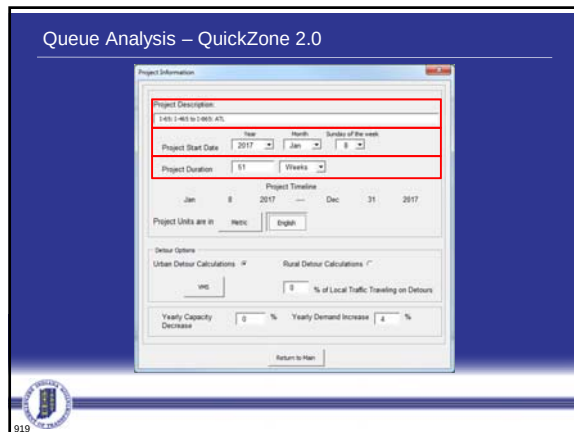
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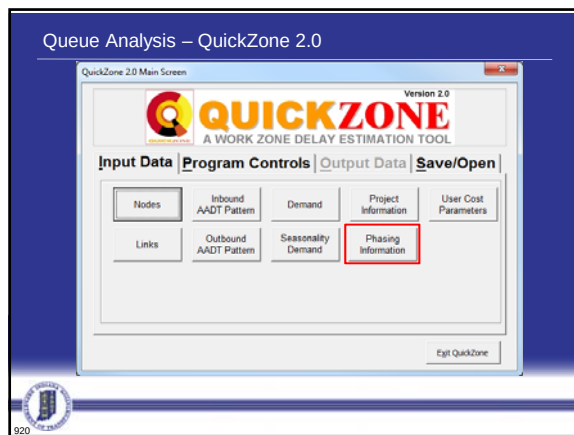
- Nodes & Links Information
- Demand
- Demand Patterns
- Work Zone Plan
- User & Economic Costs

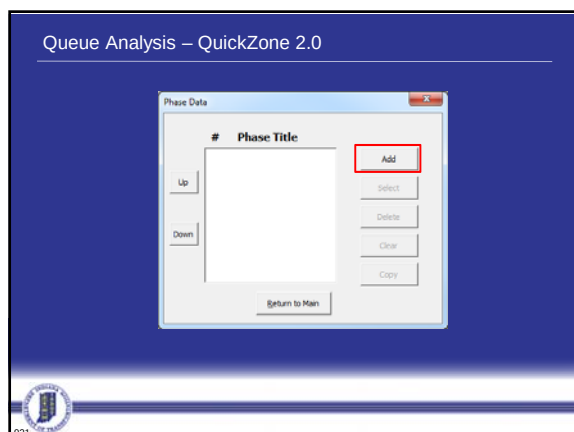
917

Queue Analysis – QuickZone 2.0

918







Queue Analysis – QuickZone 2.0

922

Queue Analysis – QuickZone 2.0

923

Queue Analysis – QuickZone 2.0

924

Queue Analysis – QuickZone 2.0

Construction Phase 1

Phase Information

Phase Title: Work In Street Case Month

Duration: 51 Weeks

Jan 9 2017 - Dec 31 2017

Work Zone

Work Zone Plan

Work Zone Links

925

Queue Analysis – QuickZone 2.0

Phase 1 Work Zone 1 Work plan 1

Work Zone Plan Information

Work Plan: Single Lane Continuous Closure

Work Plan Start Time: 0:00

Work Plan End Time: 24:00

Work Zone Capacity Information

Link # New Capacity Old Capacity Difference

2 1470 1470 0

5 1470 1470 0

New Capacity: Enter New Capacity for a link

Enter New Capacity for all links

Link # Lane Operations: HCP Capacity Estimate: LRP Capacity Estimate

Default Improvements: Enter Improvements

Return To Phases

926

Queue Analysis – QuickZone 2.0

Phase 1 Work Zone 1 Work plan 1

Work Zone Plan Information

Work Plan: Single Lane Continuous Closure

Work Plan Start Time: 0:00

Work Plan End Time: 24:00

Work Zone Capacity Information

Link # New Capacity Old Capacity Difference

2 1470 1470 0

5 1470 1470 0

New Capacity: Enter New Capacity for a link

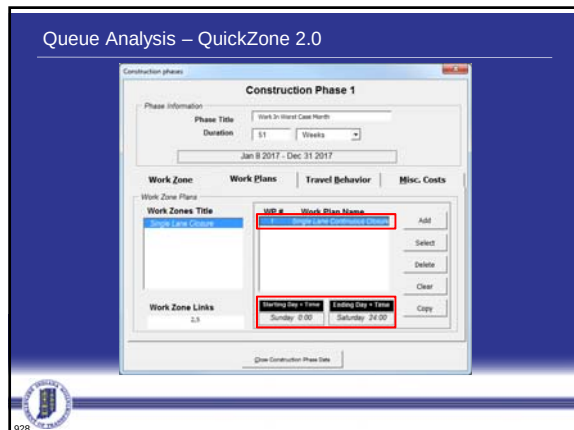
Enter New Capacity for all links

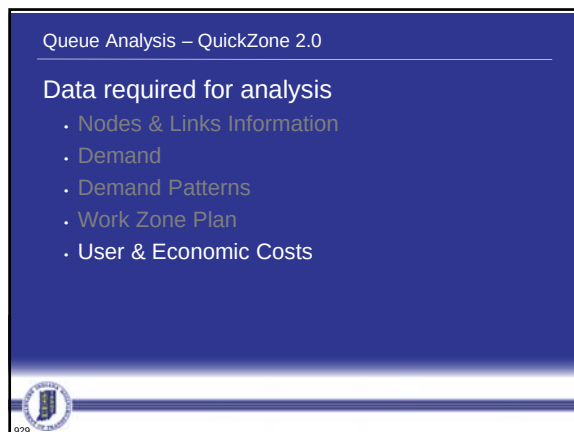
Link # Lane Operations: HCP Capacity Estimate: LRP Capacity Estimate

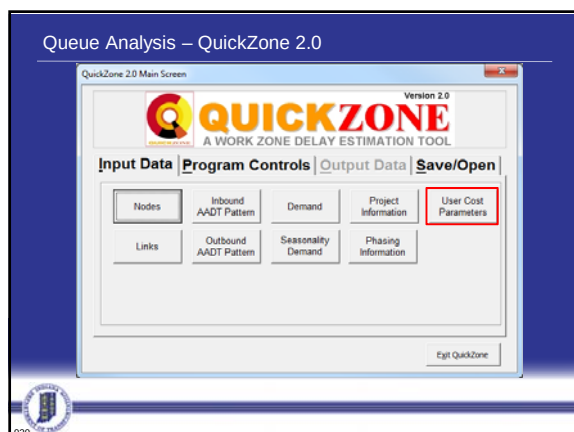
Default Improvements: Enter Improvements

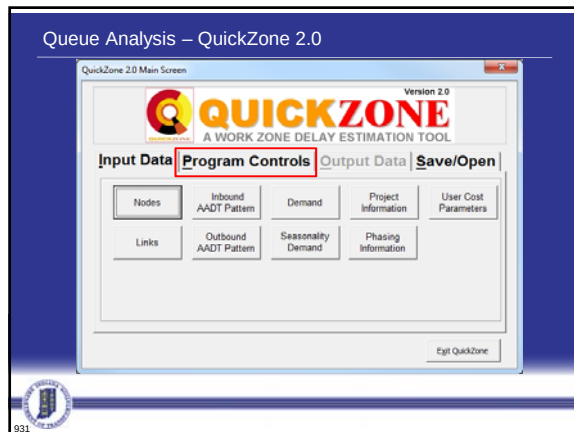
Return To Phases

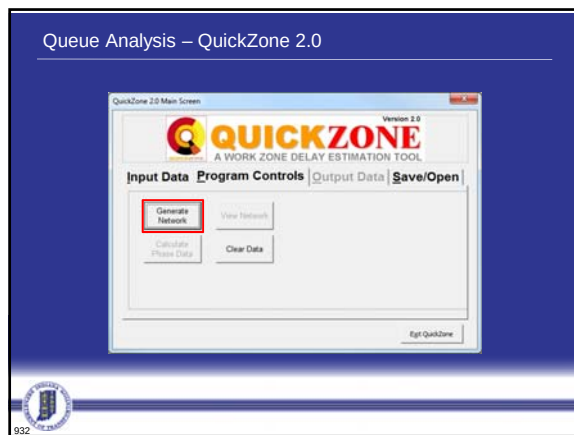
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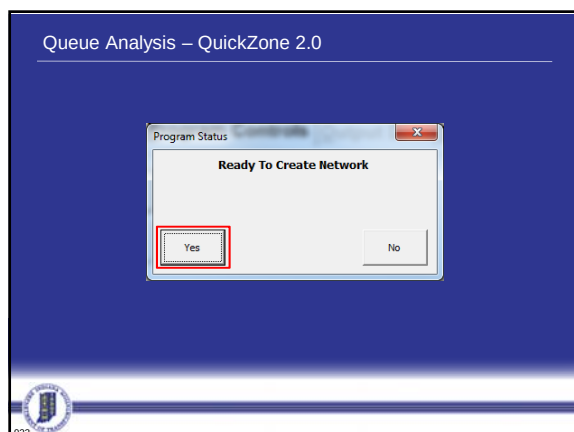


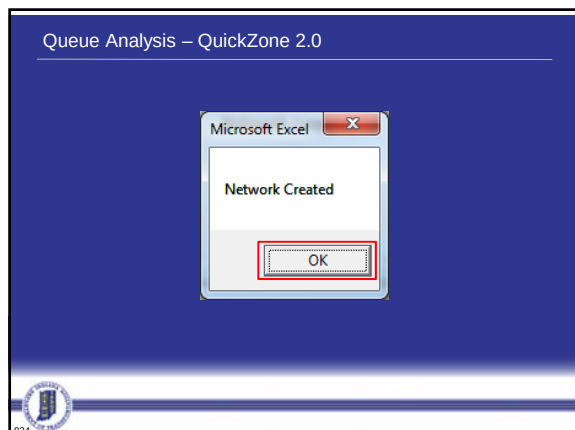


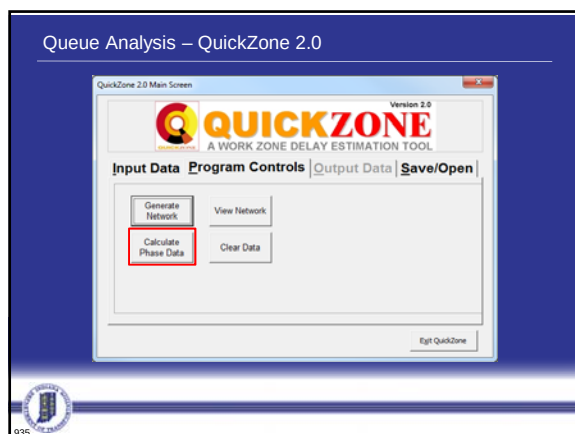


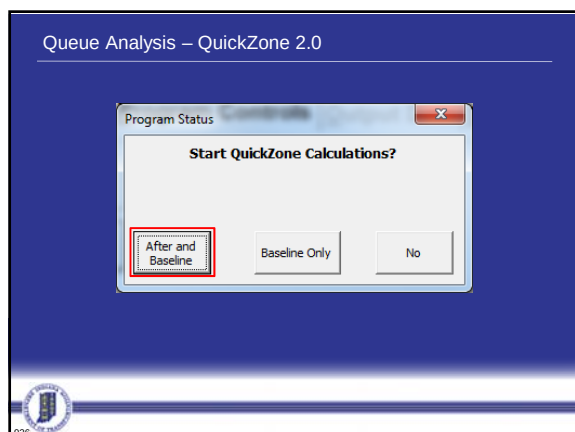


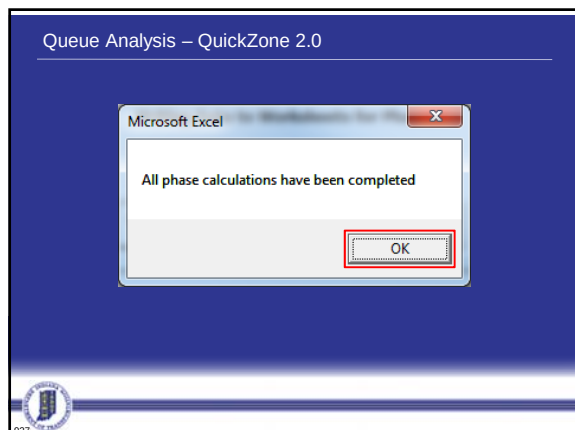


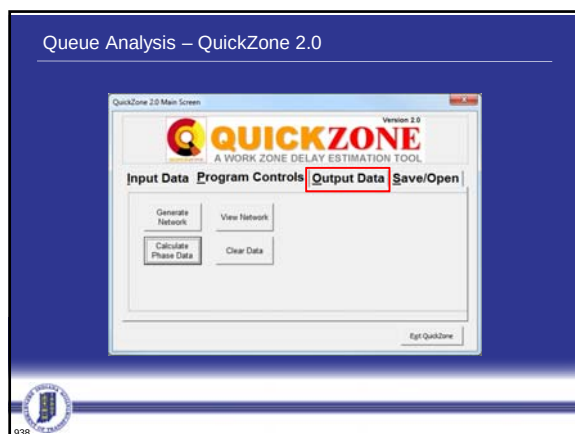


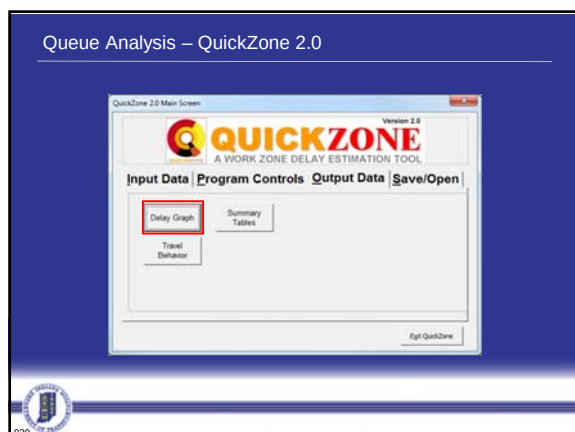












Queue Analysis – QuickZone 2.0

Chart Information

Chart Type

☐ Graph Baseline by Phase

☐ Graph Sum of all Work Zones

☒ Graph by Work Zones

Choose a Phase

Work In Worst Case

Graph Data

Date Source

☐ After ☒ After + Base

Direction

☒ Inbound ☐ Outbound

Y Axis Value

Queue Length (Mins)

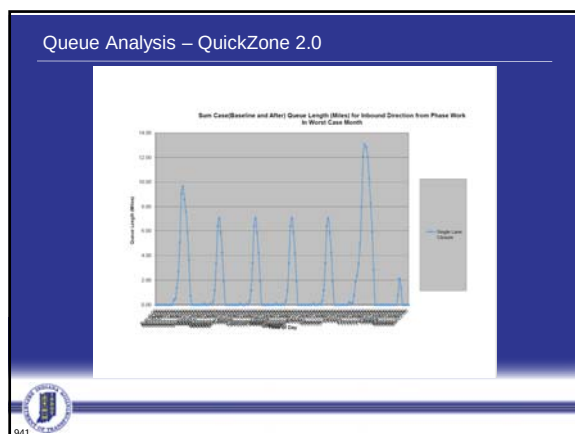
Day of the Week to Graph

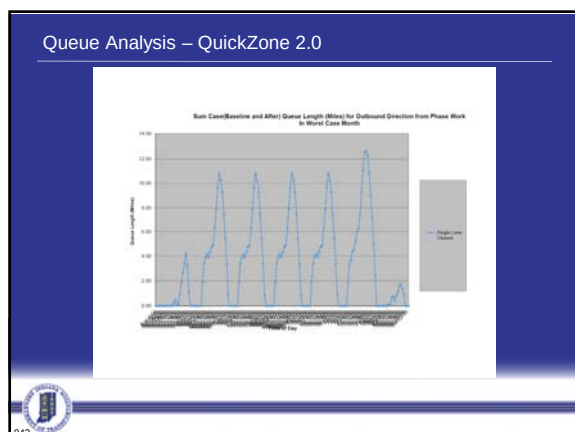
Whole Week

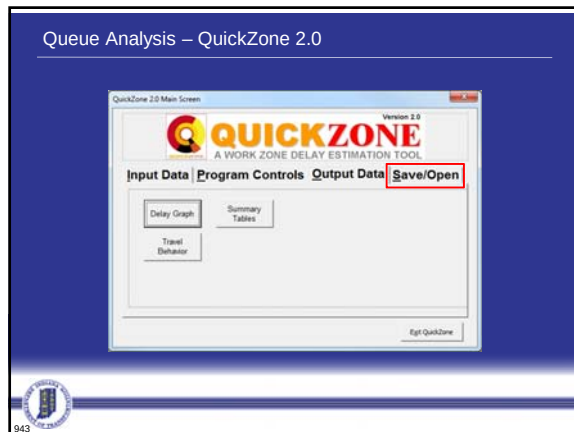
Sun Mon Tue Wed Thur Fri Sat

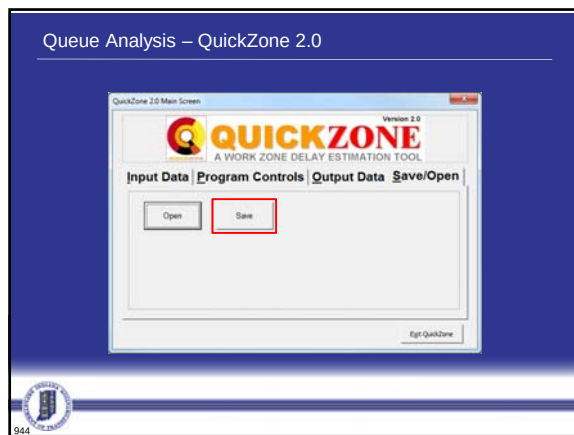
Return to Main

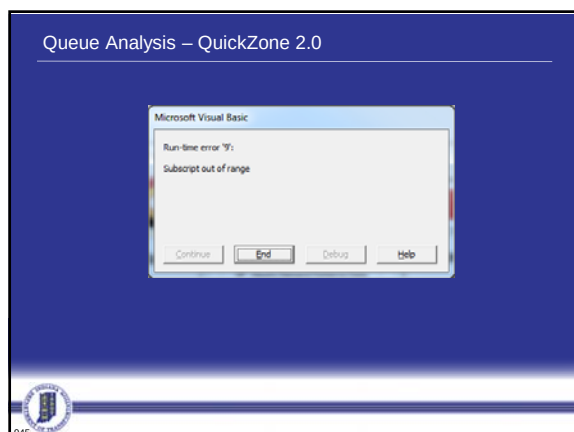
Graph

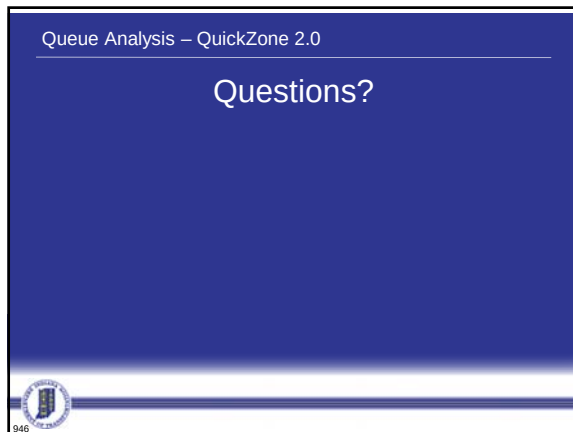




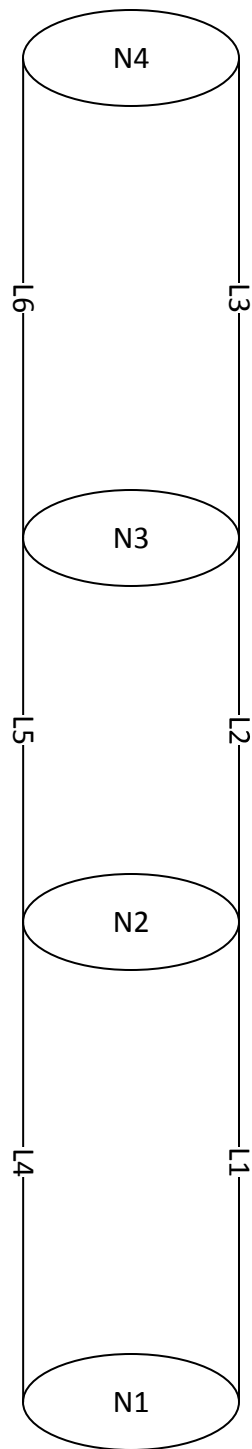




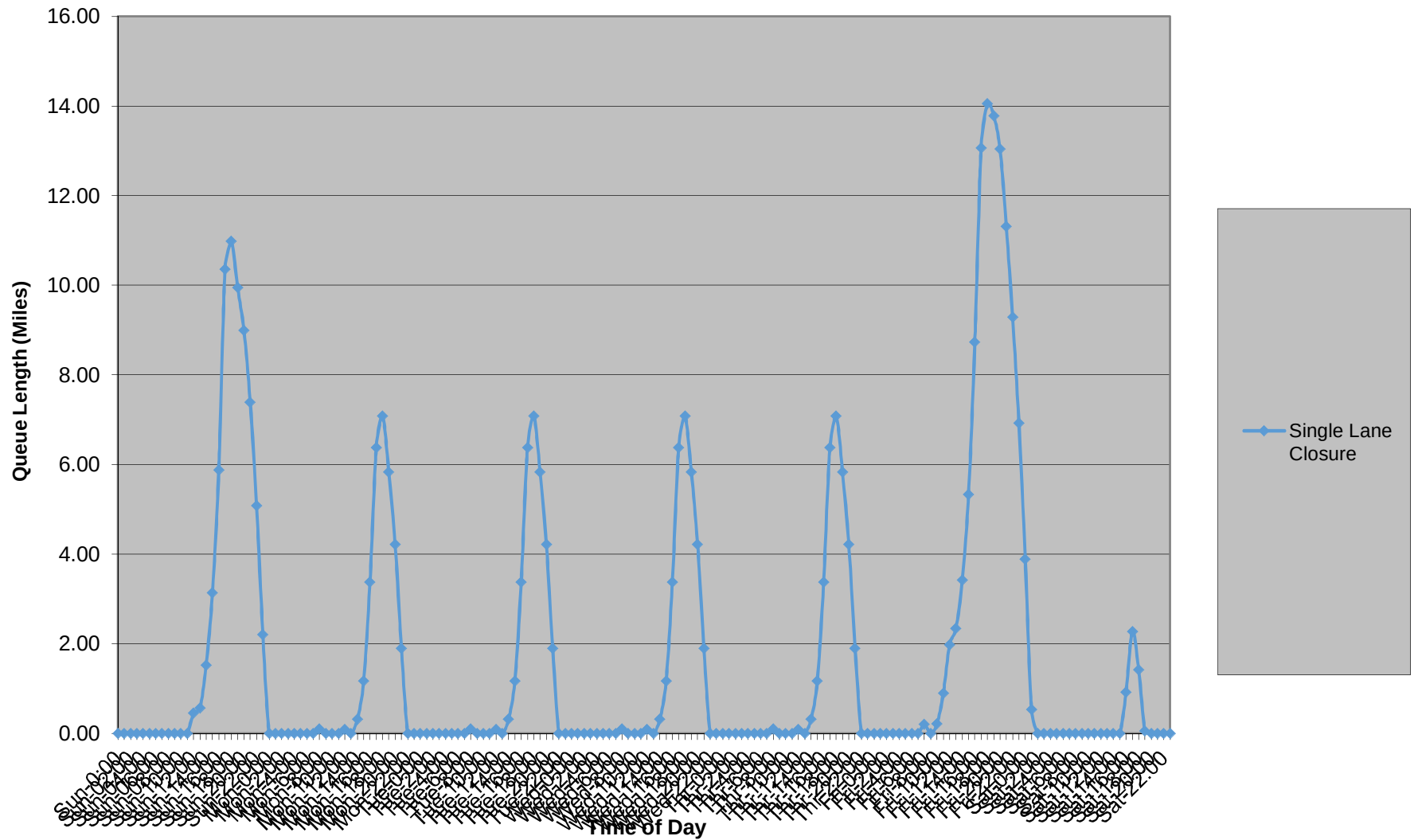




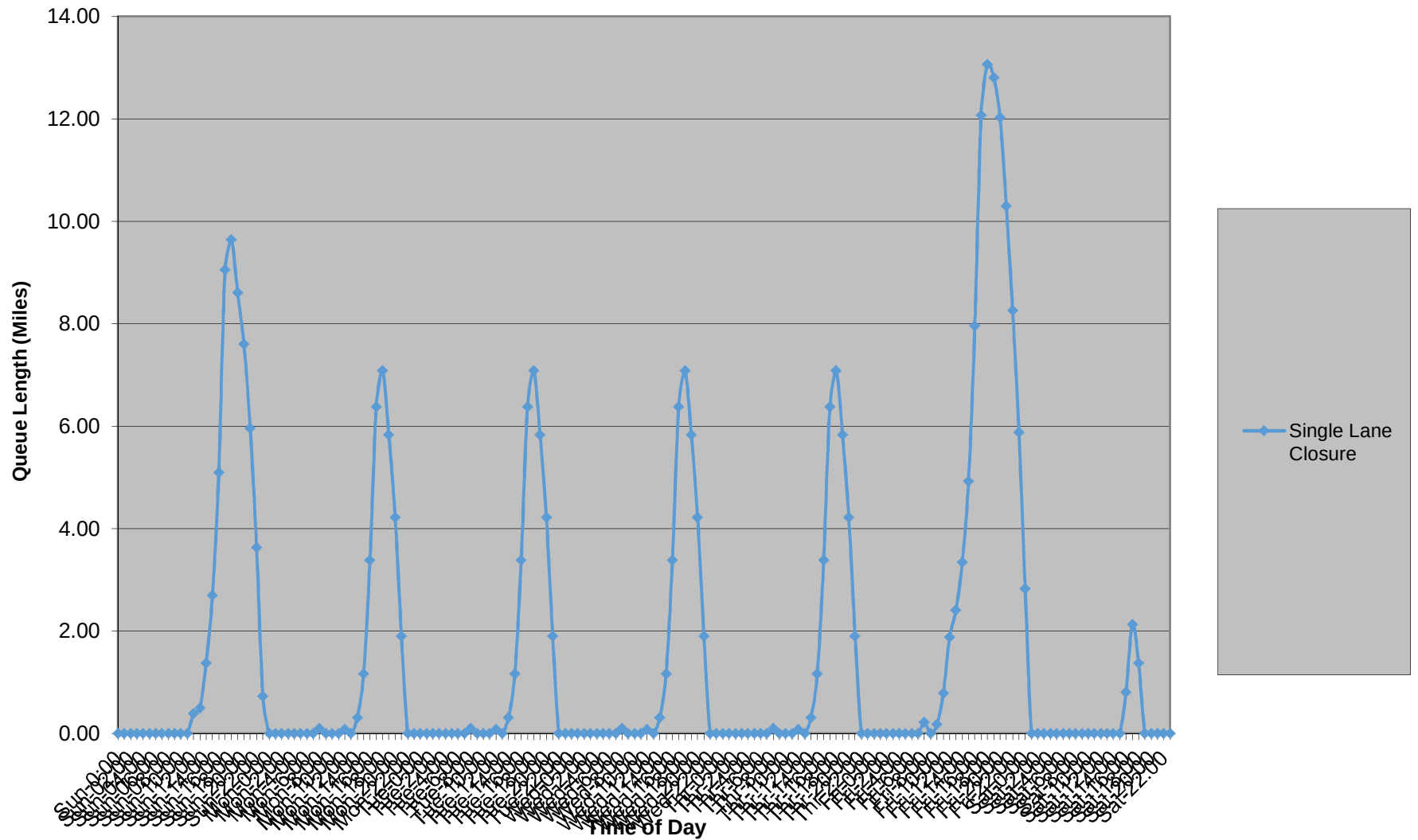
IHCP Exception Preparer Training
QuickZone 2.0
Node-Link Diagram



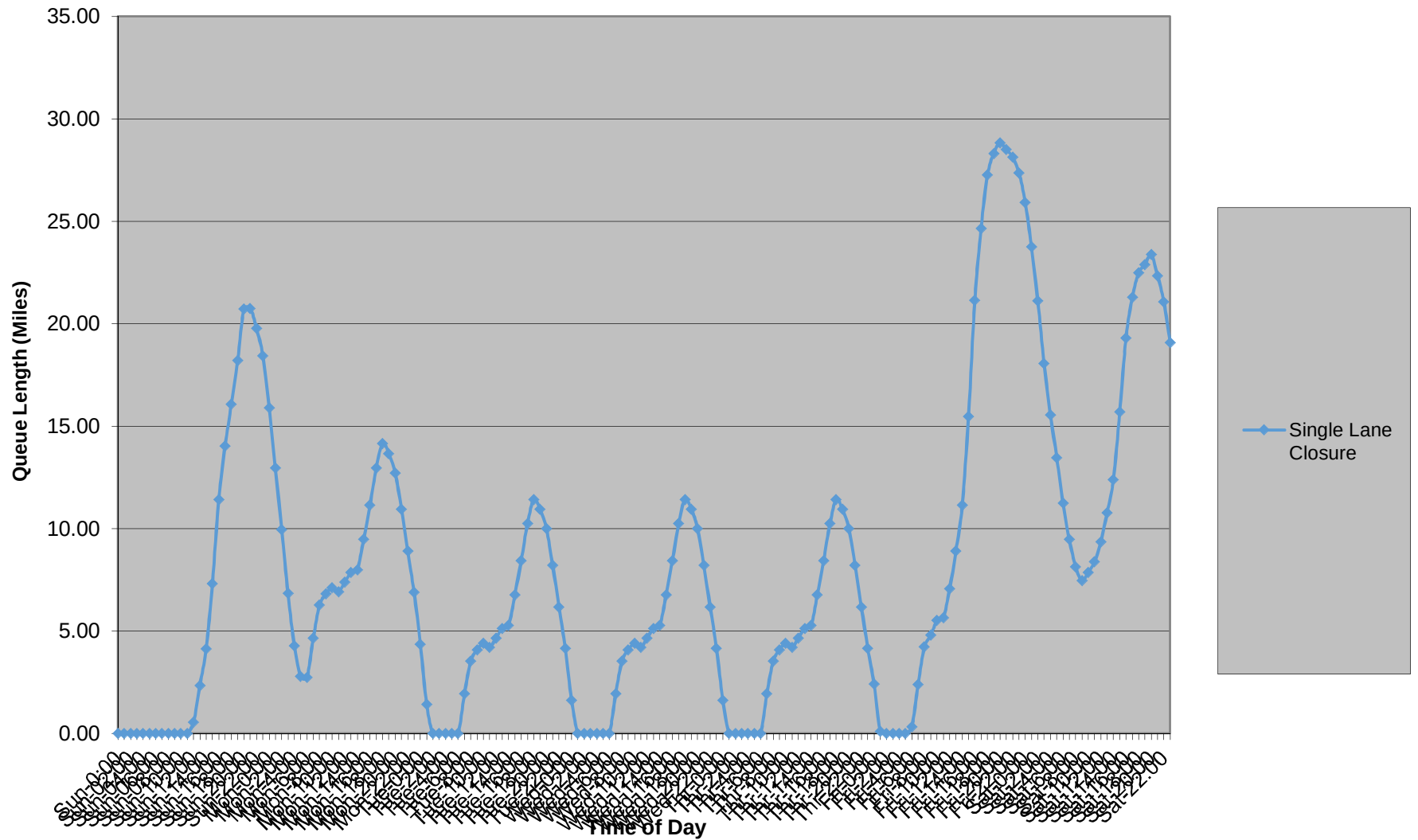
Sum Case(Baseline and After) Queue Length (Miles) for Inbound Direction from Phase Work
In Worst Case Month



Sum Case(Baseline and After) Queue Length (Miles) for Inbound Direction from Phase Work
In Worst Case Month



Sum Case(Baseline and After) Queue Length (Miles) for Outbound Direction from Phase Work
In Worst Case Month



Sum Case(Baseline and After) Queue Length (Miles) for Outbound Direction from Phase Work
In Worst Case Month

