

# Maine-NH Connections Study

Stakeholder Committee Meeting

March 26, 2010

Kittery Trading Post



**MaineDOT**



# Agenda

- Welcome
- Final Fatal Flaw Report
- Review of Detailed Evaluation Progress to Date
- TIGER Grant Application – Round II
- Next Steps/Schedule

# Final Fatal Flaw Report

- Comments provided from DOT's and FHWA
- General concurrence with process and findings
- Final Report to be sent to SC and SHC
- Available on Study Website
- Result – no changes in alternatives being evaluated at this point

# Detailed Evaluation of Alternatives

Progress to Date

# Last 60 Days

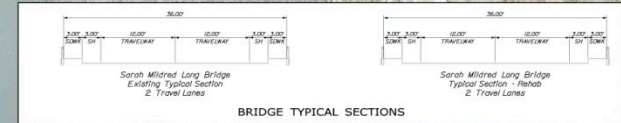
- Completed travel demand forecasts
- Completed Study Area Capacity Analysis
- Revised Conceptual Engineering Designs for each Alternative
- Completed Resource Impact Analysis and Quantification

# List of Remaining Alternatives

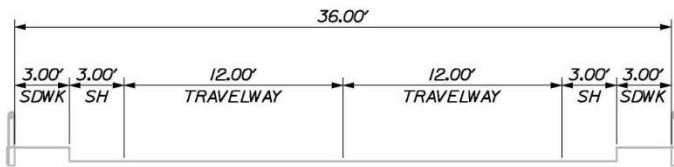
Alternative #	Memorial Option	Sarah Long Option
No Build	Closed/Removed	Existing w/ Load Restrictions
1	MB 1	SL 1
2	MB 1	SL 2
3	MB 1	SL 2A
4	MB 2	SL 1
5	MB 2	SL 2
6	MB 2	SL 2A
7	MB 6	SL 2
8	MB 6	SL 2A

# SML 1 – 2 Lane Rehab

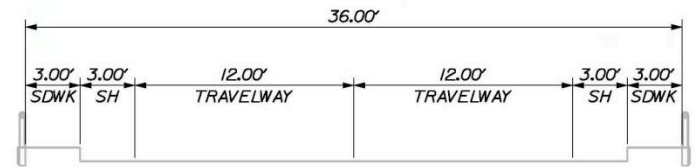
DRAFT



SL1: REHAB SARAH MILDRED LONG BRIDGE (2 LANES)  
LOW LEVEL ON ALIGNMENT  
MAINE / NEW HAMPSHIRE CONNECTIONS STUDY  
EVALUATE FEASIBLE ALTERNATIVES - CONCEPTUAL LAYOUTS  
HNTB  
MARCH 26, 2010



Sarah Mildred Long Bridge  
Existing Typical Section  
2 Travel Lanes

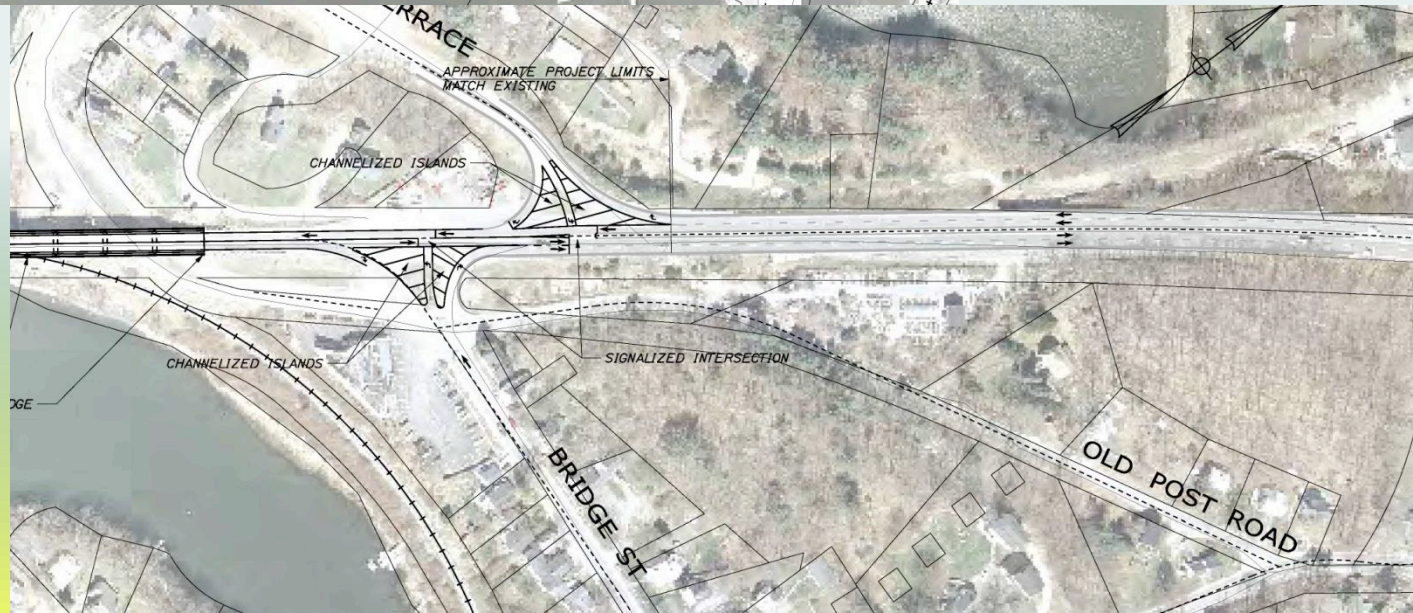
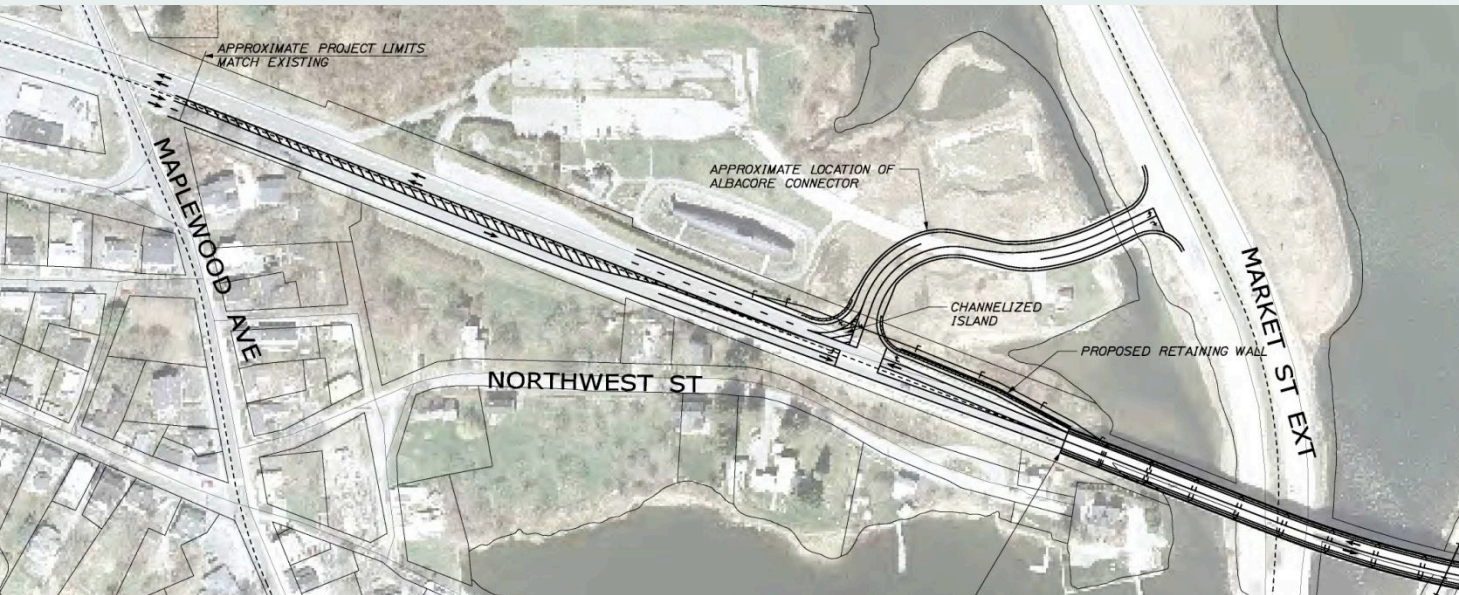


Sarah Mildred Long Bridge  
Typical Section - Rehab  
2 Travel Lanes

BRIDGE TYPICAL SECTIONS



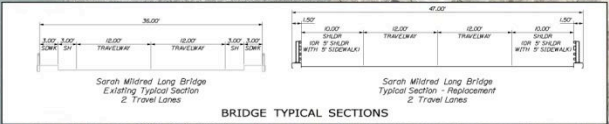
# SML 1 – 2 Lane Rehab



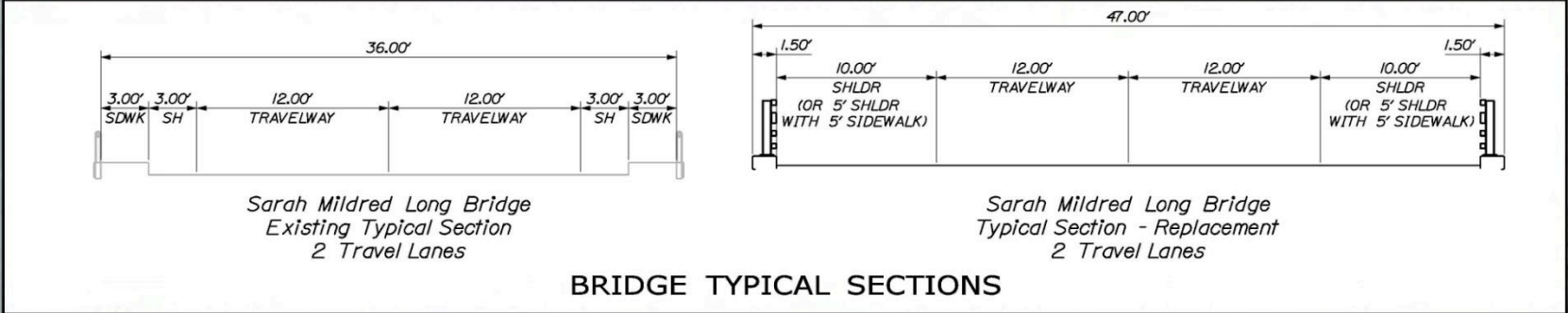


# SML 2 – 2 Lane Replacement

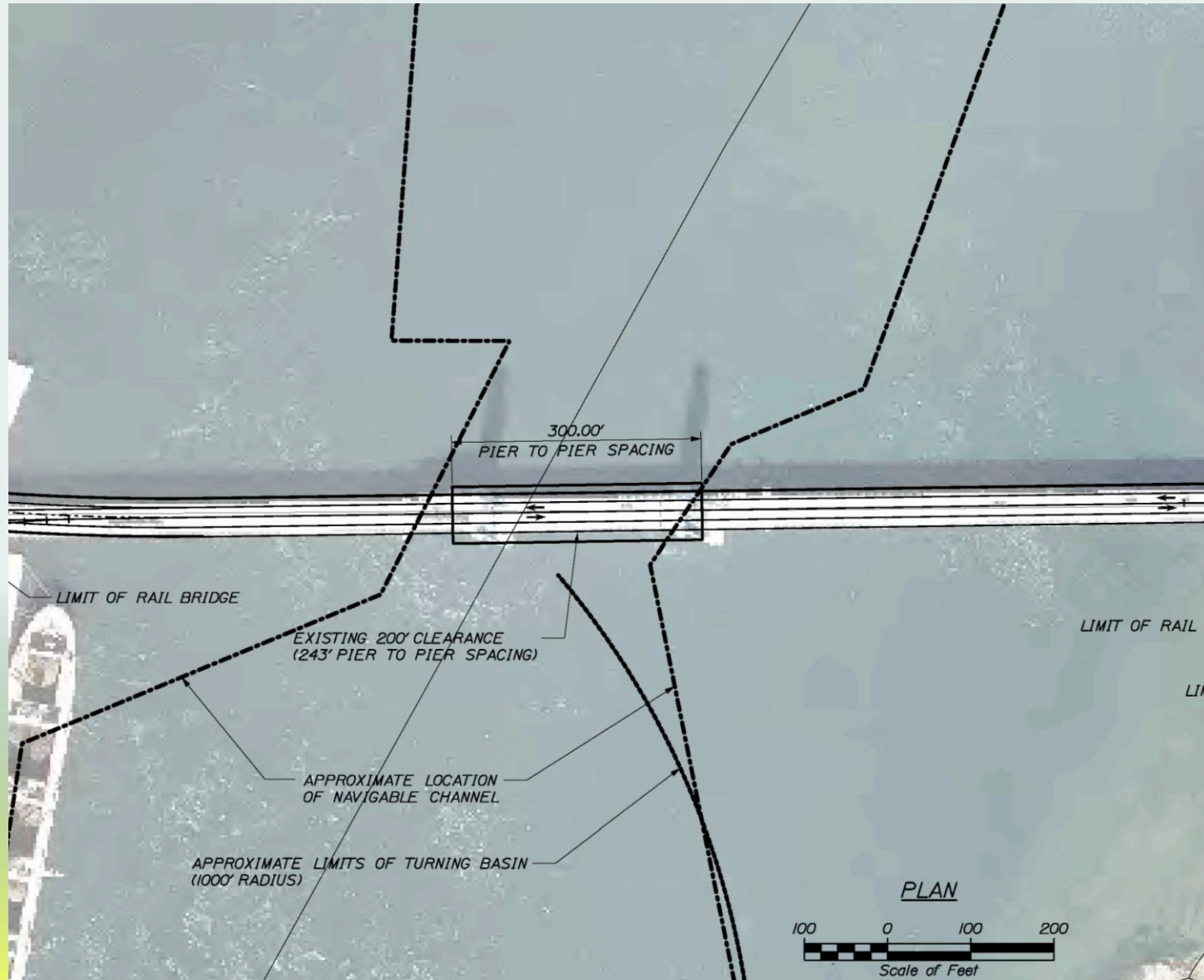
DRAFT



SL2: REPLACE SARAH MILDRED LONG BRIDGE (2 LANES)  
 LOW LEVEL ON ALIGNMENT  
 MAINE / NEW HAMPSHIRE CONNECTIONS STUDY  
 EVALUATE FEASIBLE ALTERNATIVES - CONCEPTUAL LAYOUTS  
 HNTB  
 MARCH 26, 2010

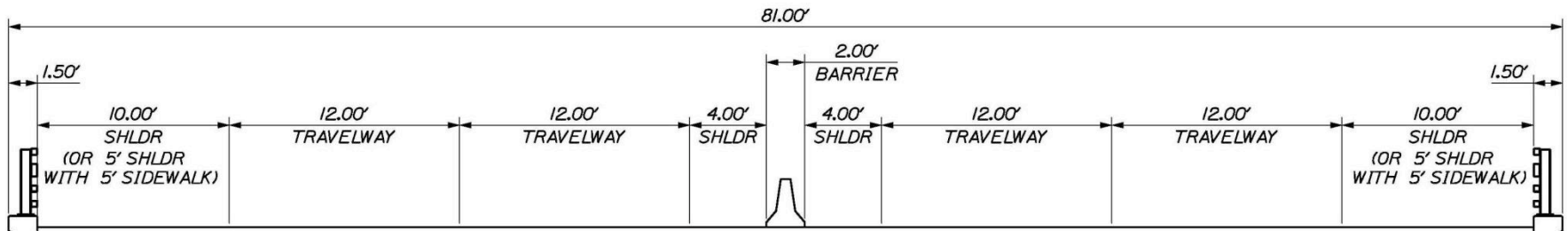
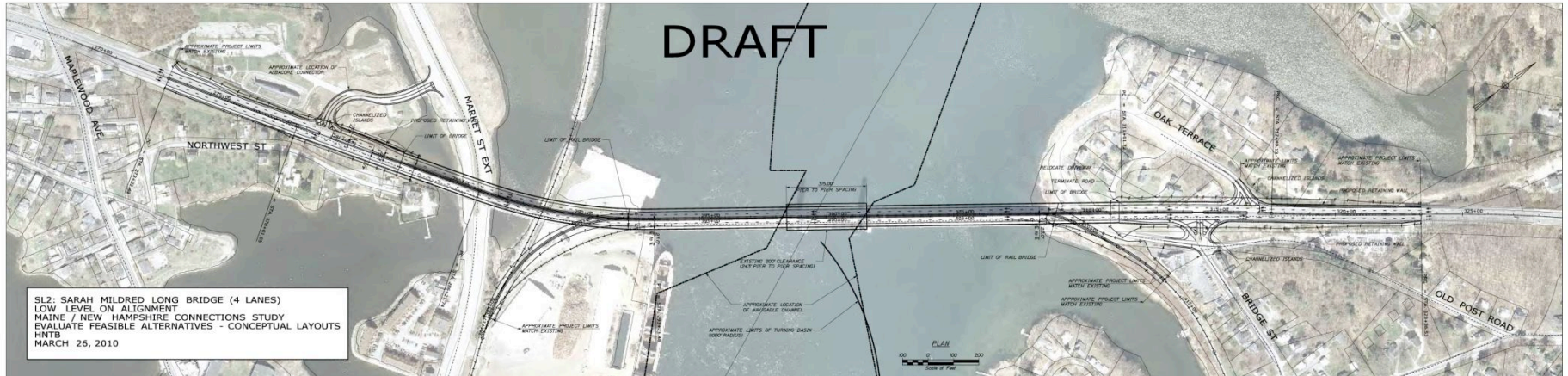


# SML 2 – 2 Lane Replacement





# SML 2 – 4 Lane Replacement



*Sarah Mildred Long Bridge  
 Typical Section - Replacement  
 4 Travel Lanes*

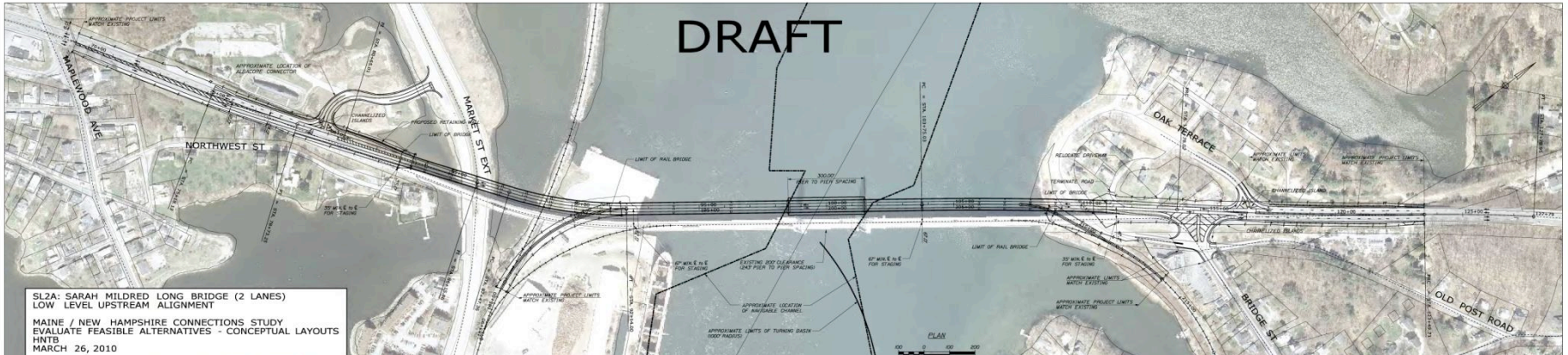
## BRIDGE TYPICAL SECTIONS





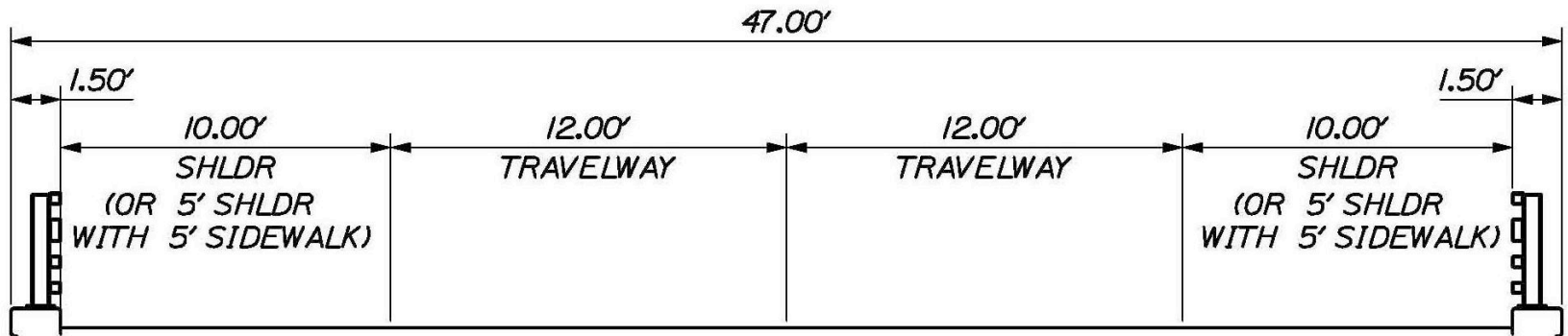


# SML 2A – 2 Lane Upstream



SL2A: SARAH MILDRED LONG BRIDGE (2 LANES)  
LOW LEVEL UPSTREAM ALIGNMENT

MAINE / NEW HAMPSHIRE CONNECTIONS STUDY  
EVALUATE FEASIBLE ALTERNATIVES - CONCEPTUAL LAYOUTS  
HN15  
MARCH 26, 2010



*Sarah Mildred Long Bridge  
Typical Section - Replacement  
2 Travel Lanes*

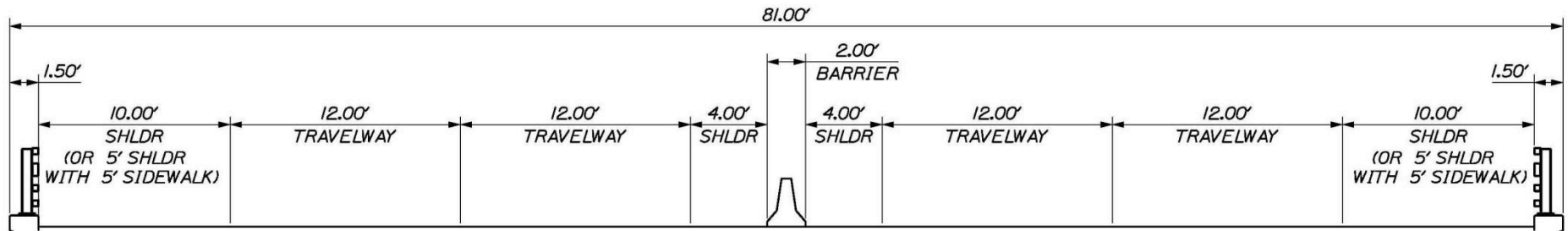
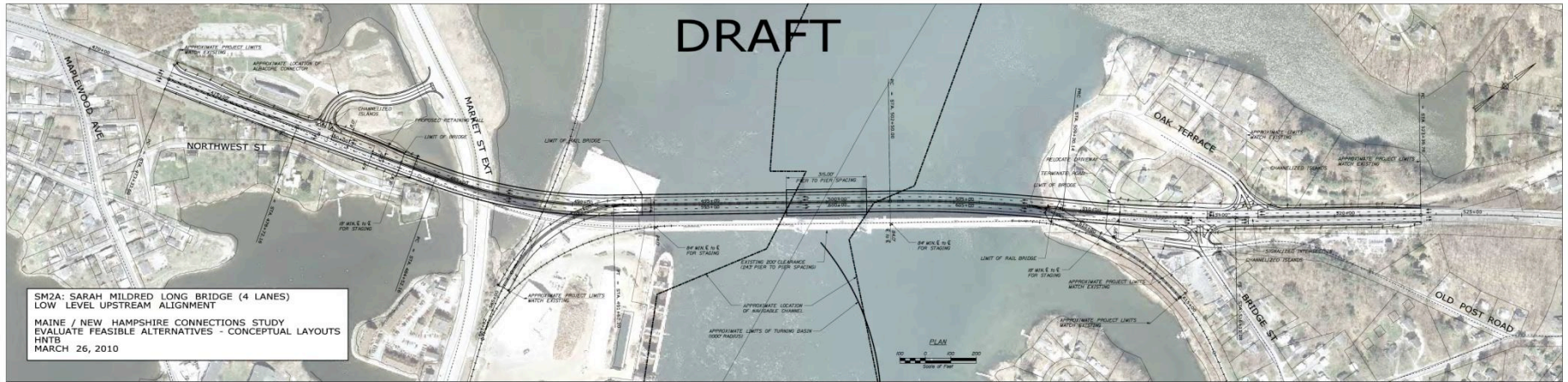
**BRIDGE TYPICAL SECTIONS**







# SML 2A – 4 Lane Upstream



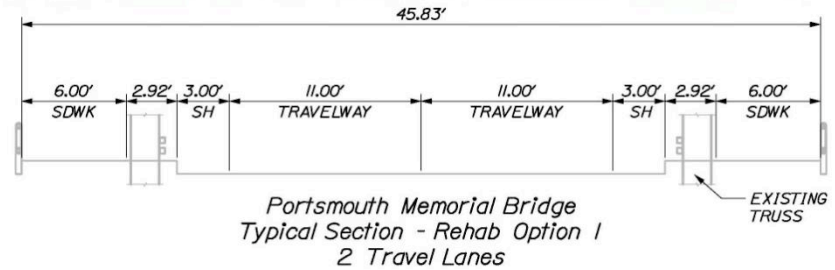
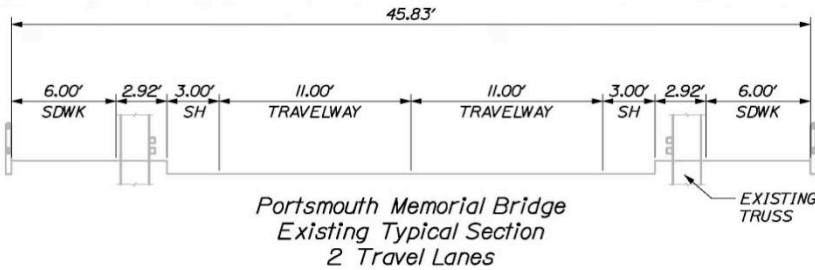
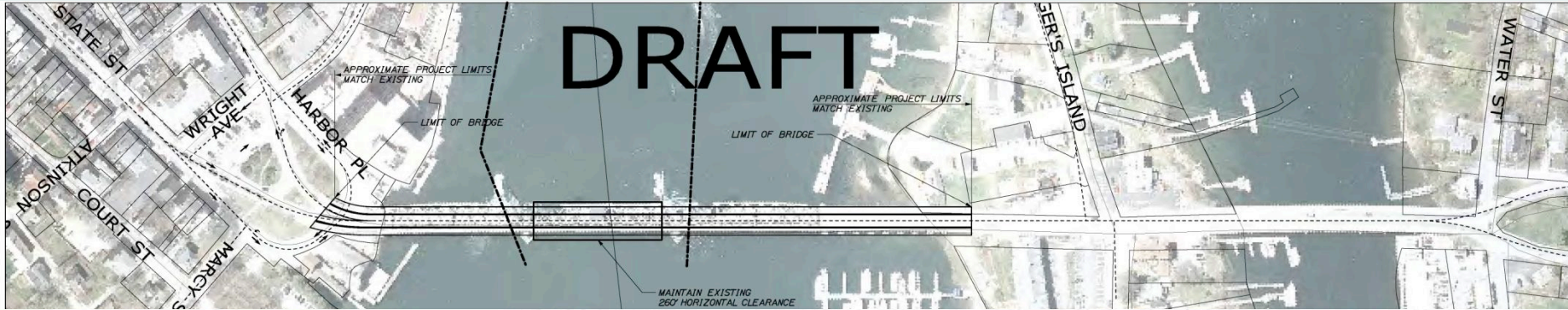
*Sarah Mildred Long Bridge  
Typical Section - Replacement  
4 Travel Lanes*

## BRIDGE TYPICAL SECTIONS

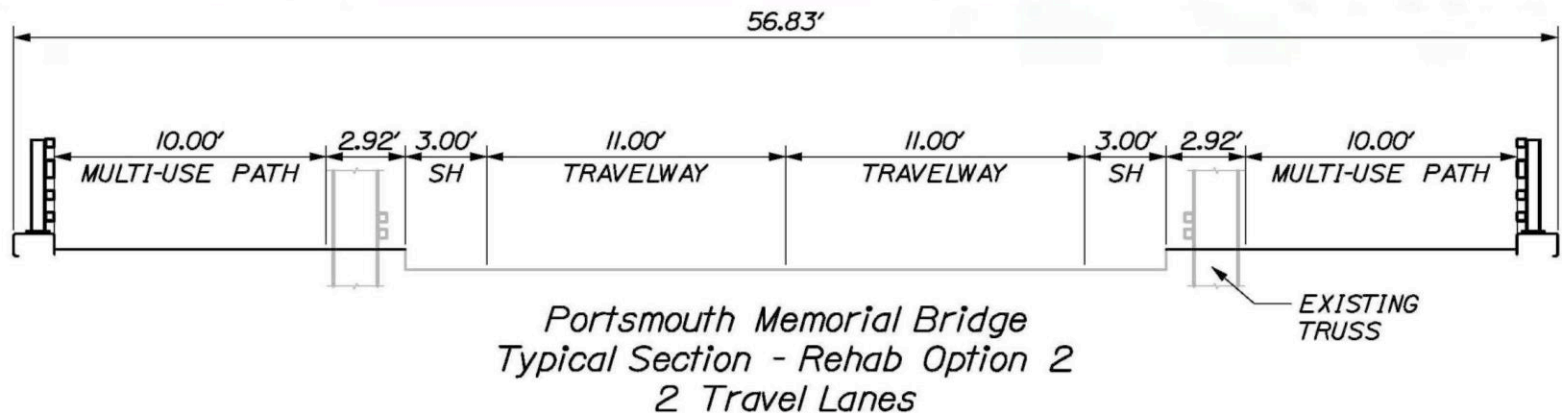




# MB 1 – 2 lane Rehab

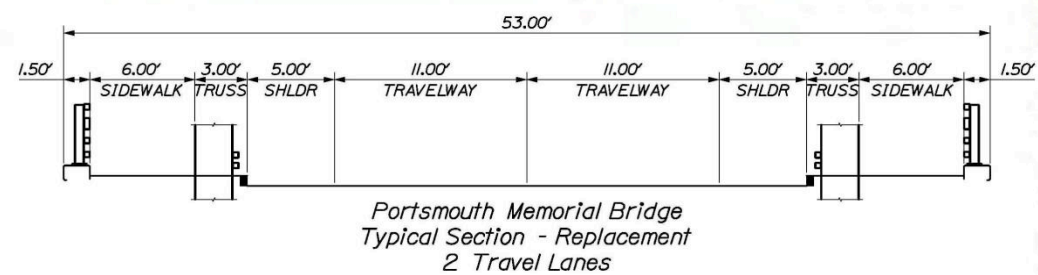
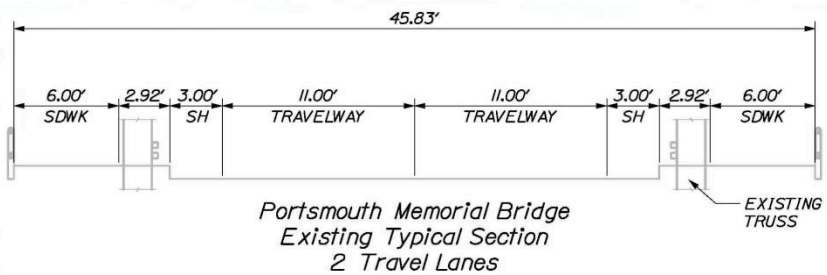
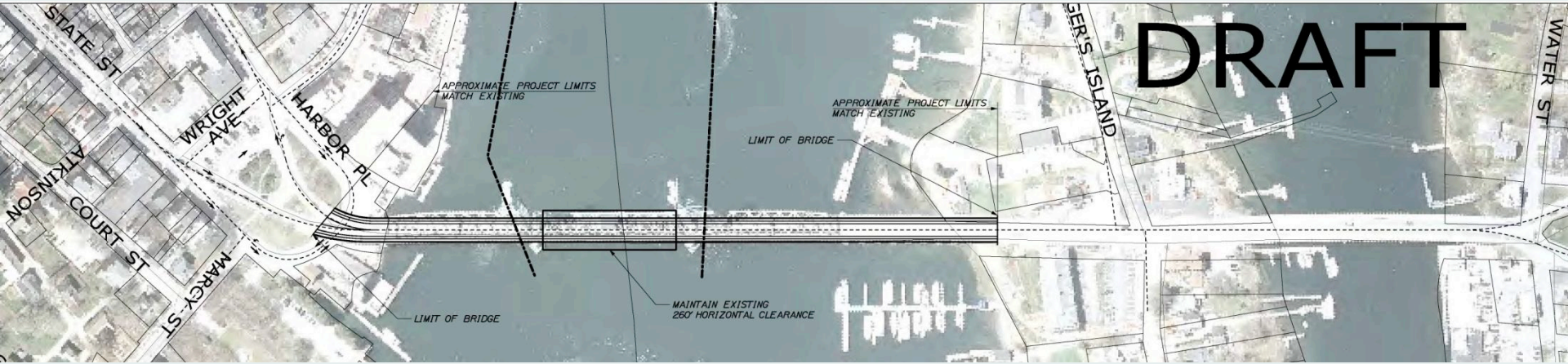


## BRIDGE TYPICAL SECTIONS



# MB 2 – 2 lane Replacement

# DRAFT

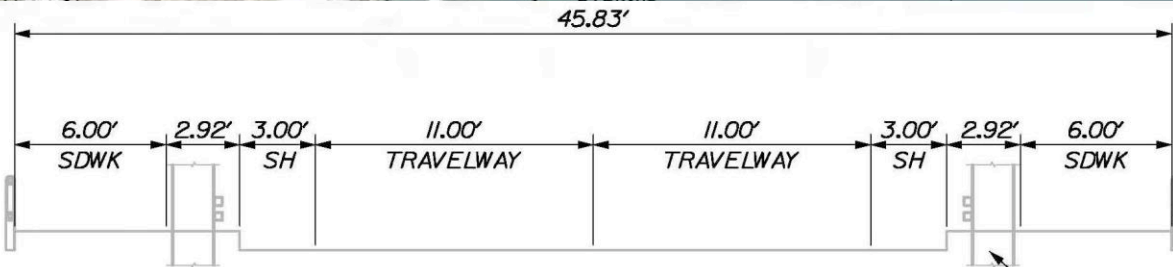
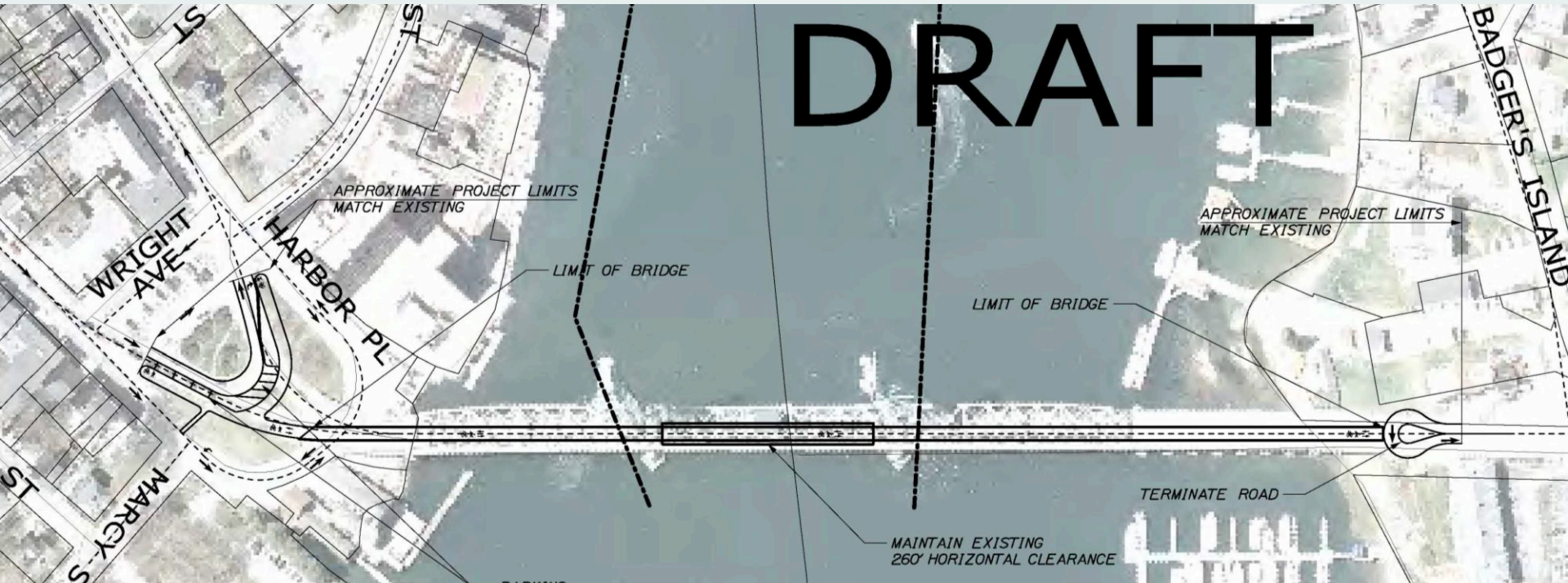


BRIDGE TYPICAL SECTIONS



# MB 6 – Ped/Bike Bridge

# DRAFT



Portsmouth Memorial Bridge  
Existing Typical Section  
2 Travel Lanes



Portsmouth Memorial Bridge  
Typical Section - Replacement  
Bike & Pedestrian Only

## BRIDGE TYPICAL SECTIONS

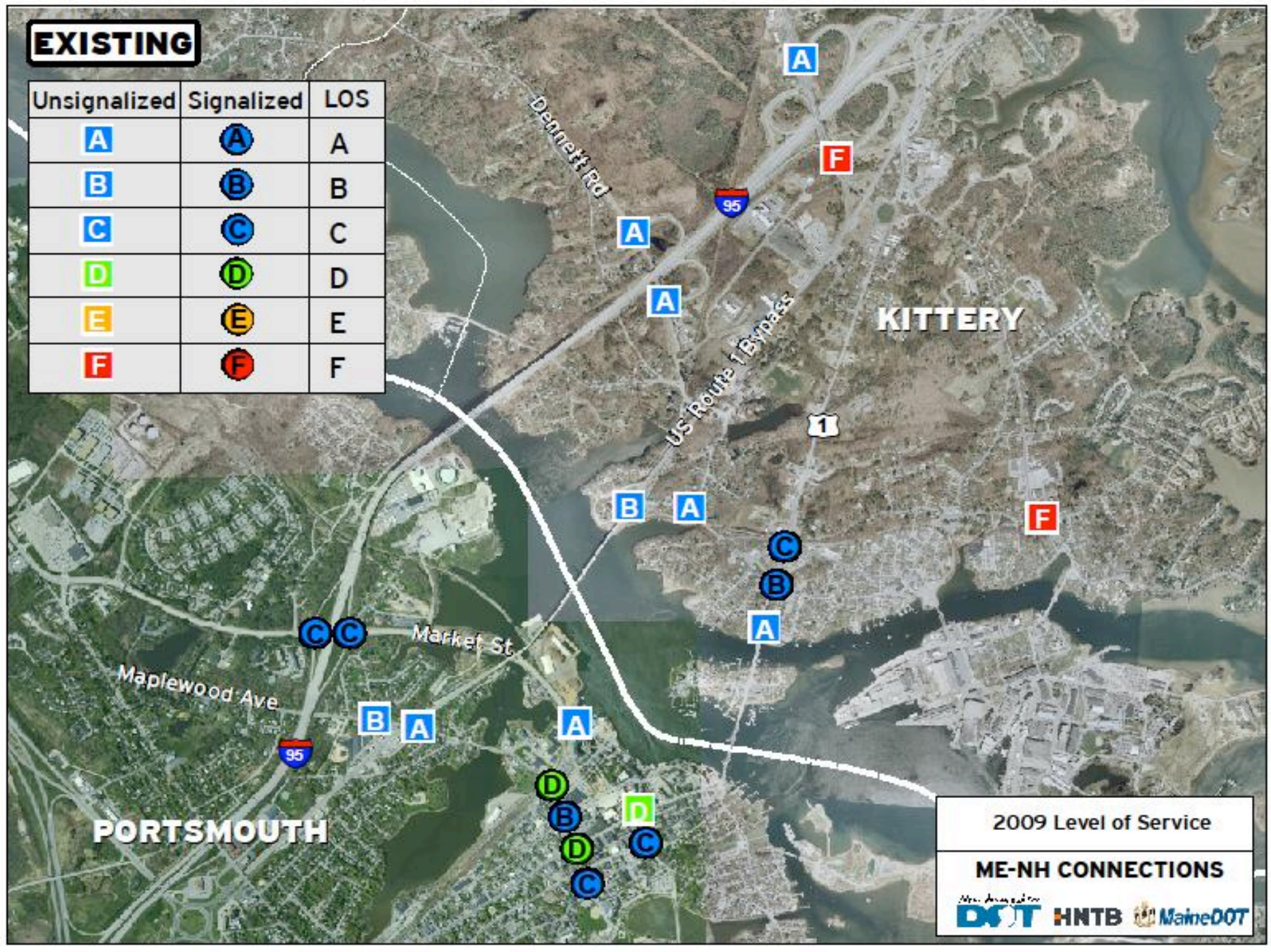
# Capacity Analysis Results

- Performed level of service (LOS) analysis for key intersections and on bridges within Study Area for 2009 and 2035
- LOS is shown for both signalized and unsignalized intersections
- LOS is for system peak hour, not location specific peak hour
- Results are summarized on following maps



# EXISTING

Unsignalized	Signalized	LOS
A	A	A
B	B	B
C	C	C
D	D	D
E	E	E
F	F	F



2009 Level of Service

**ME-NH CONNECTIONS**

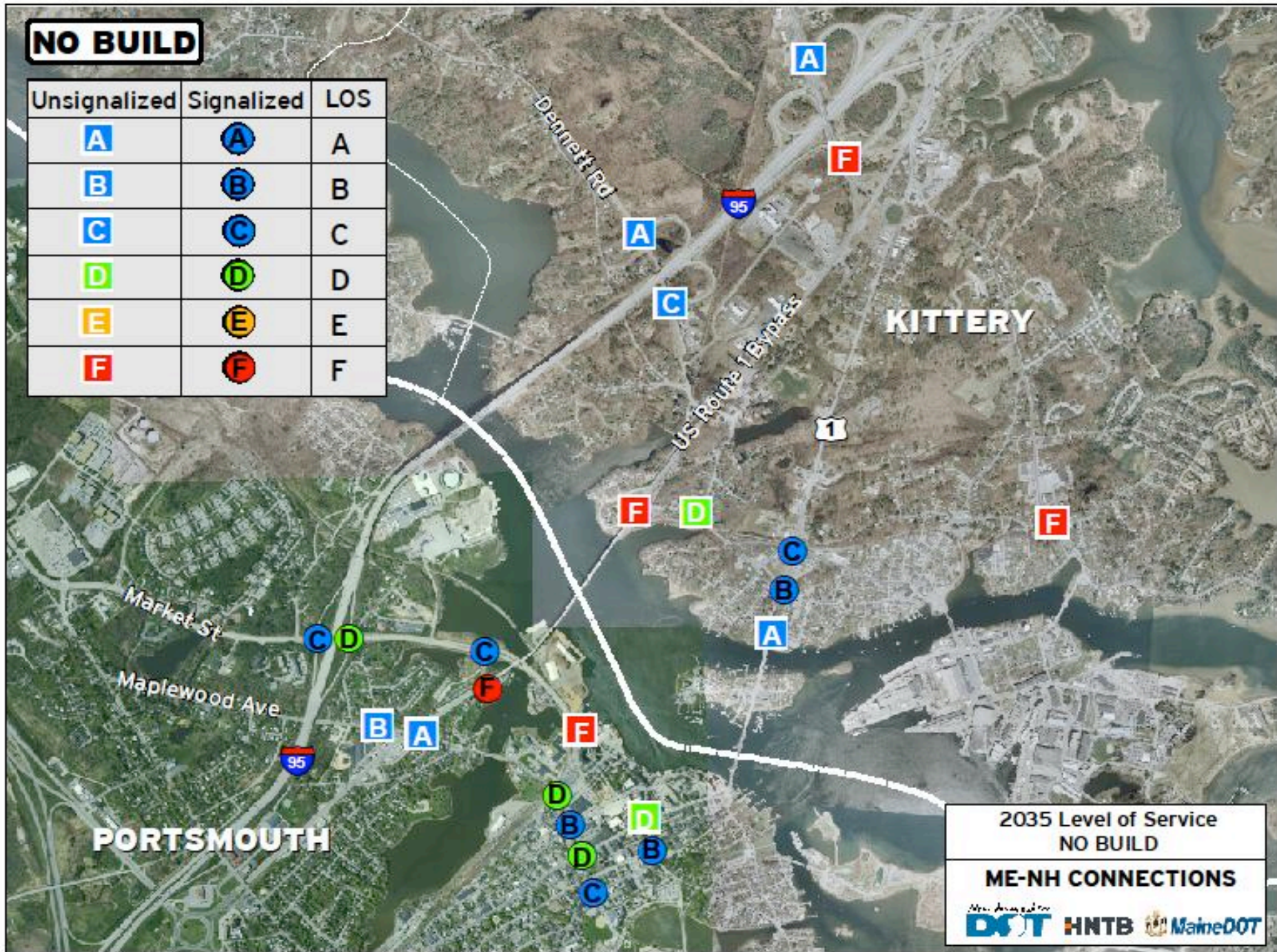






**NO BUILD**

Unsignalized	Signalized	LOS
A	A	A
B	B	B
C	C	C
D	D	D
E	E	E
F	F	F



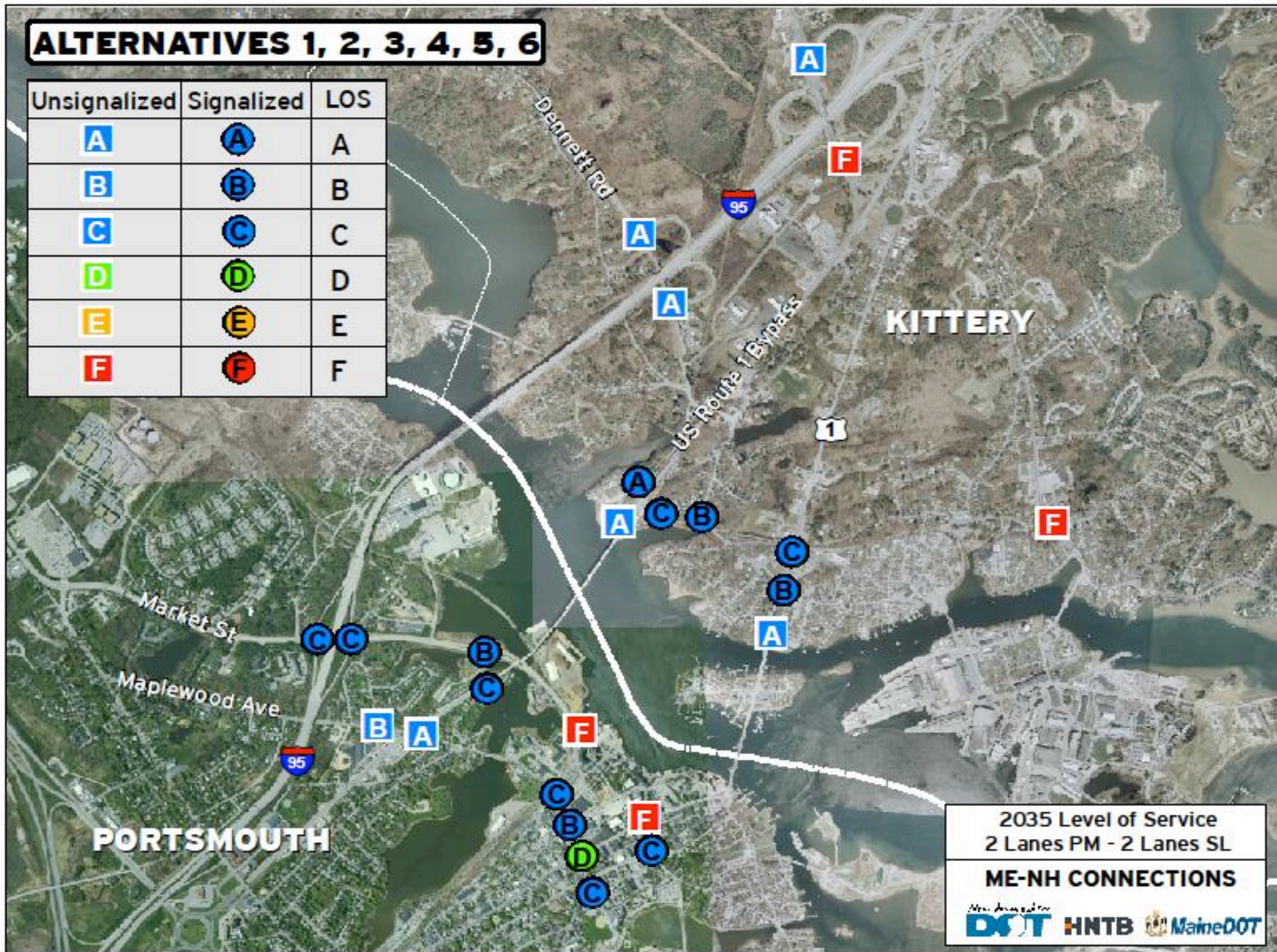
2035 Level of Service  
NO BUILD

**ME-NH CONNECTIONS**



# ALTERNATIVES 1, 2, 3, 4, 5, 6

Unsignalized	Signalized	LOS
A	A	A
B	B	B
C	C	C
D	D	D
E	E	E
F	F	F

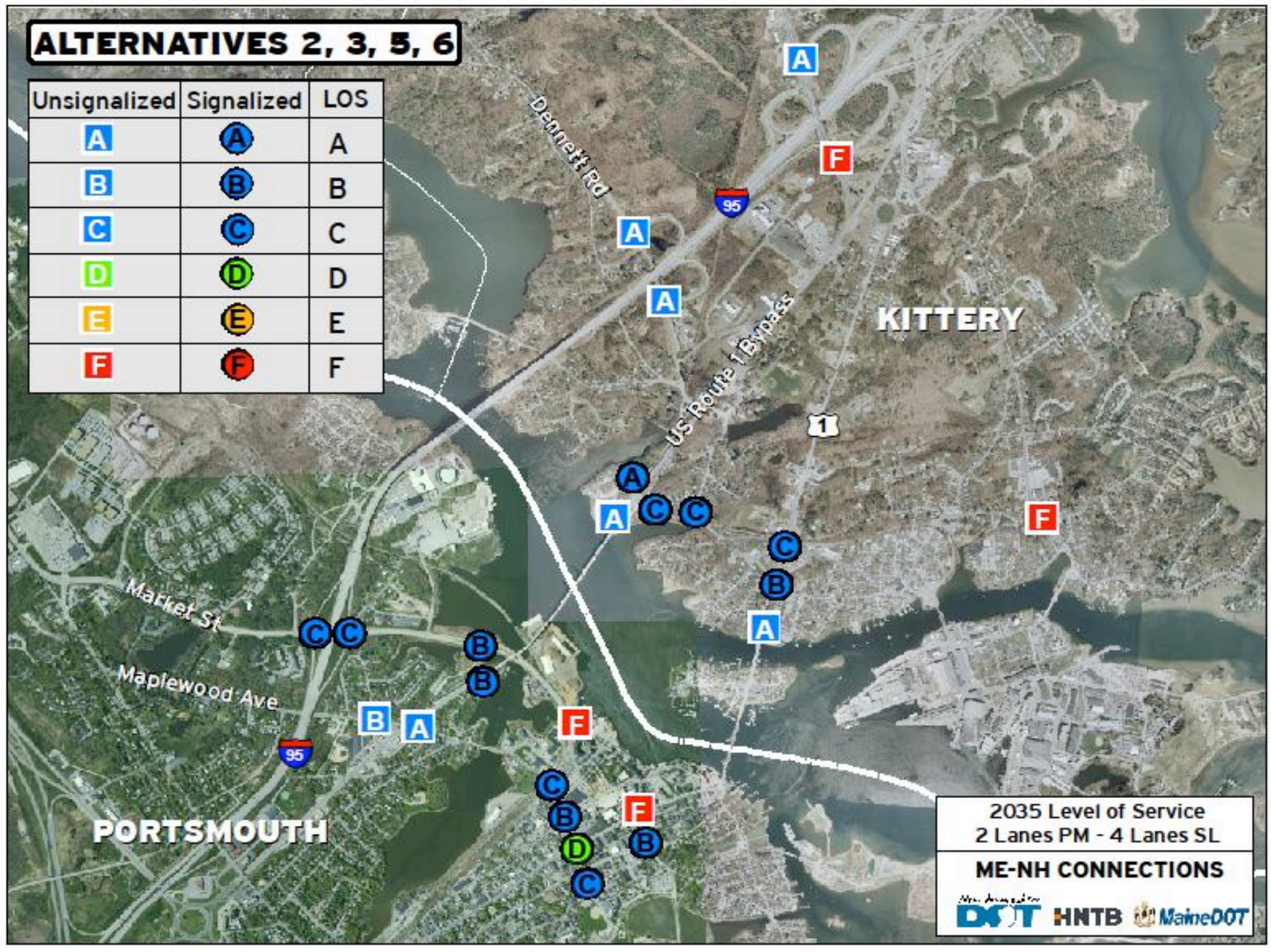


2035 Level of Service  
 2 Lanes PM - 2 Lanes SL  
**ME-NH CONNECTIONS**  
 Mr. Jameson for  
**DOT** HNTB **MaineDOT**



# ALTERNATIVES 2, 3, 5, 6

Unsignalized	Signalized	LOS
A	A	A
B	B	B
C	C	C
D	D	D
E	E	E
F	F	F



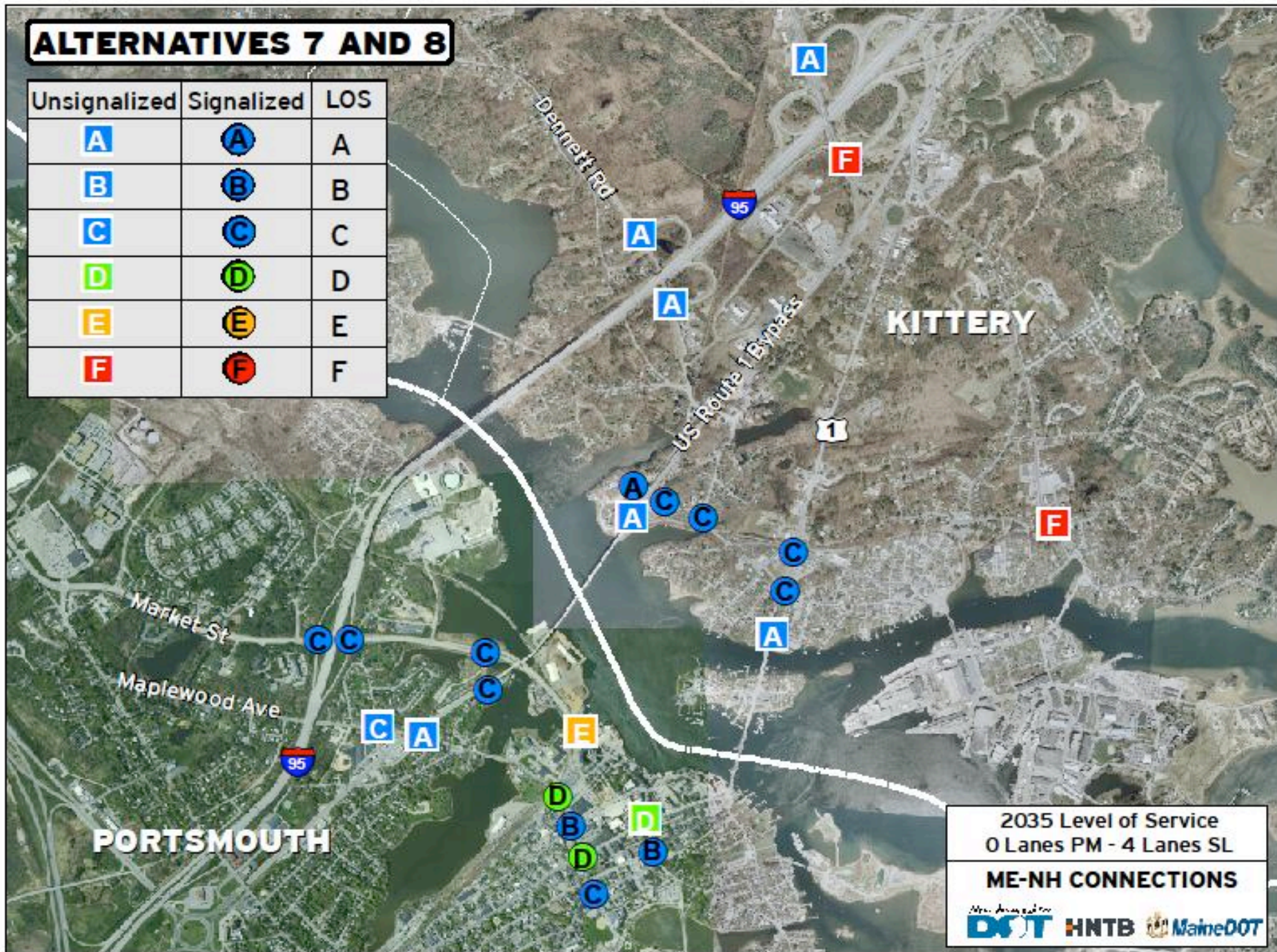
2035 Level of Service  
 2 Lanes PM - 4 Lanes SL

**ME-NH CONNECTIONS**



# ALTERNATIVES 7 AND 8

Unsignalized	Signalized	LOS
A	A	A
B	B	B
C	C	C
D	D	D
E	E	E
F	F	F



2035 Level of Service  
 0 Lanes PM - 4 Lanes SL  
**ME-NH CONNECTIONS**  
 Maine Department of Transportation  
**DOT** HNTB MaineDOT

# Ongoing Activities

- Mode Choice analysis
- Multi-Modal Evaluation
- Air and Noise Analysis
- Business Impact Assessment (*Carol Update*)
- Life Cycle Costs
- Preparation of Technical Documents/Maps



# TIGER Grant Application – Round II

- USDOT has indicated another round of TIGER Grants in Fall 2010
- No details or criteria known at this time
- Maine and NH are anticipated to submit application based on findings of Study
- Maine and NH continue to work closely to ID funding opportunities

# Process/Next Steps

- Steering Committee: Feedback from you today on materials presented
- Stakeholder Committee review this afternoon
- Finalize Detailed Evaluation by mid-April
- SC and SHC Meeting on April 27<sup>th</sup>
- Next Public Meeting – May 5<sup>th</sup> with Open House
- Draft Report by Mid-May