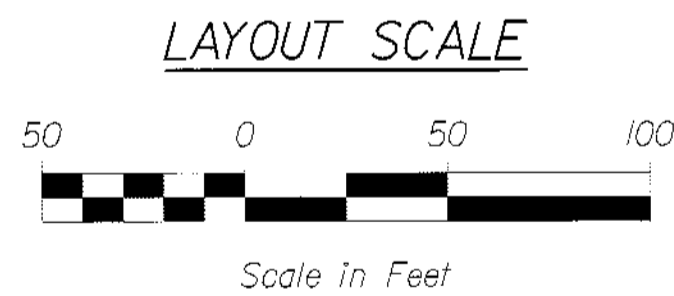
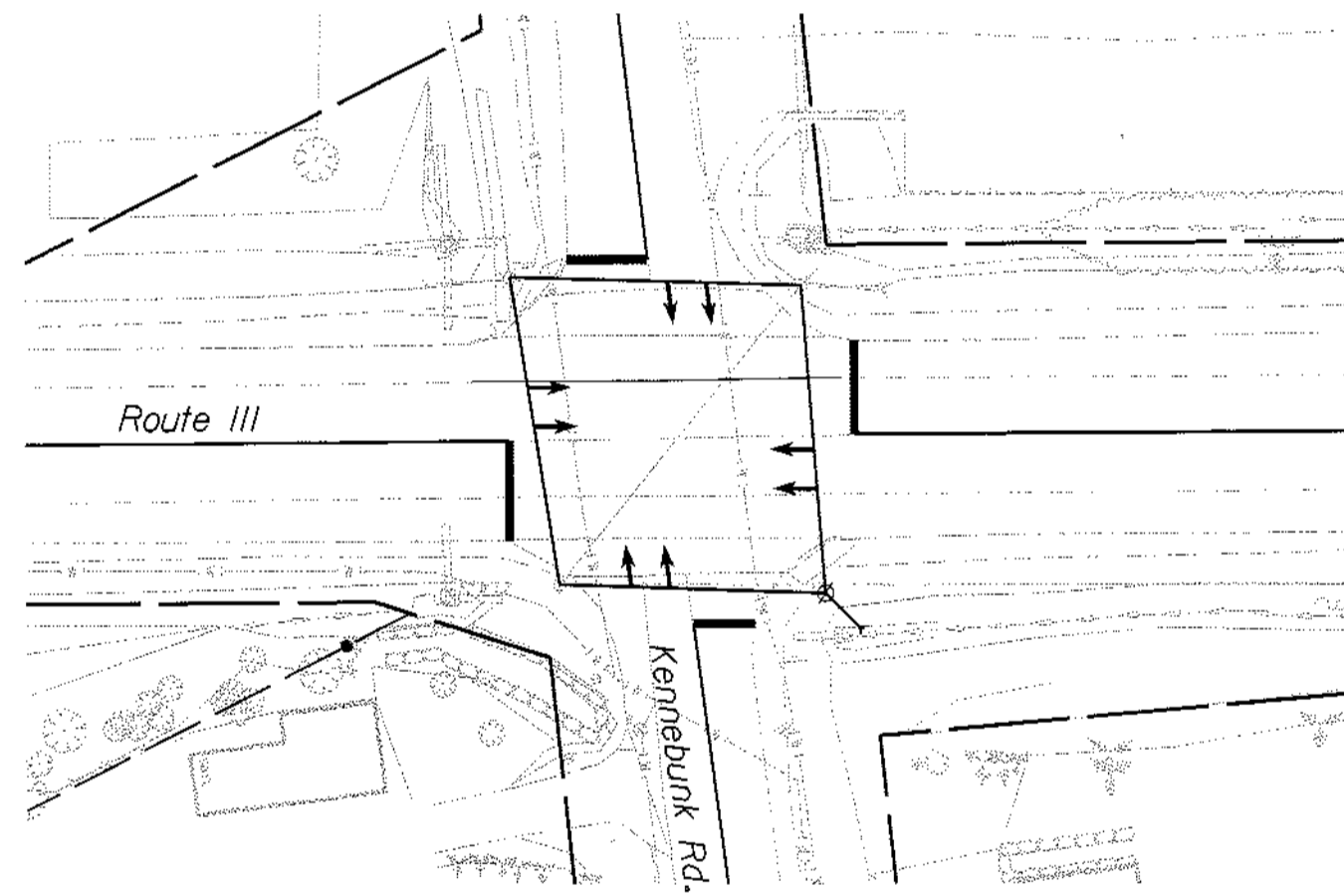


STATE OF MAINE DEPARTMENT OF TRANSPORTATION



ALFRED YORK COUNTY

BIDDEFORD ROAD ROUTE III \ KENNEBUNK ROAD
FEDERAL AID PROJECT NO. AC-STP-1942(700)X
PROJECT LENGTH : 0.00 MILES



<u>PLAN LEGEND</u>	
Town, County, State _____	Centerline-Existing _____
Property Lines _____	Centerline-Proposed _____
R/W Lines-Existing _____	Travelway-Existing _____
R/W Lines-Proposed _____	Travelway-Proposed _____
Culvert-Existing _____	Railroad _____
Culvert Proposed _____	Catch Basins <input type="checkbox"/> Existing <input type="checkbox"/> Proposed
Curbing Existing Proposed	Manholes <input type="circle"/> Existing <input type="circle"/> Proposed
Type 1 _____	Proposed Underdrain _____
Type 3 _____	Proposed Ditch _____
Type 5 _____	Existing Ditch _____
Outline of Bodies of Water _____	Utility Poles <input type="circle"/> Existing <input type="circle"/> Proposed
Ledge _____	Fire Hydrants <input type="circle"/> Existing <input type="circle"/> Proposed
Buildings _____	Existing Water Line _____
Trees <input type="circle"/> Conifer <input type="circle"/> Deciduous	Existing San. Sewer _____
Tree Line _____	Existing San. Sewer Manhole <input type="circle"/>
Clearing Limit Line _____	Guardrail-Existing _____
	Guardrail-Proposed _____
	Guardrail-Cable, Other _____

<u>INDEX OF SHEETS</u>	
<u>Description</u>	<u>Sheet No.</u>
Title Sheet	1
Signal Plan	2

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>	<i>[Signature]</i>	6/14/12
CHIEF ENGINEER: <i>[Signature]</i>		6/14/12

SIGNATURE: <i>[Signature]</i> P.E. NUMBER: 10113 DATE: 6/18/12

PROJECT INFORMATION	
PROGRAM	TRAFFIC
PROJECT MANAGER	B. KEIZER
DESIGNER	M. DELOIS
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

ALFRED BIDDEFORD ROAD ROUTE 111 \ KENNEBUNK ROAD
TITLE SHEET

<u>PROJECT LOCATION:</u>	Biddeford Road Route 111 / Kennebunk Road in the Town of Alfred
<u>PROGRAM AREA:</u>	Traffic Engineering
<u>SCOPE OF WORK:</u>	Traffic Signal Installation

WIN 19427.00 AC-STP-1942(700)X

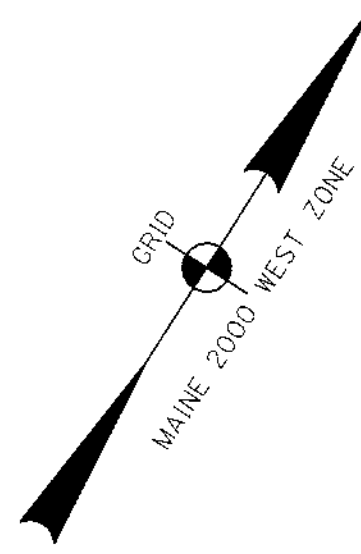
SHEET NUMBER
1
OF 2

Date: 6/8/2012

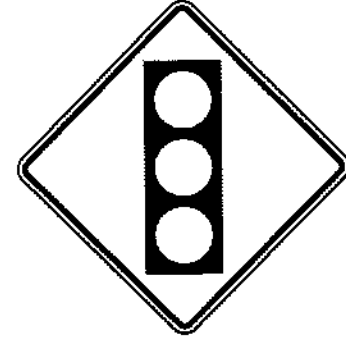
Username: mike.delois

Division: TRAFFIC

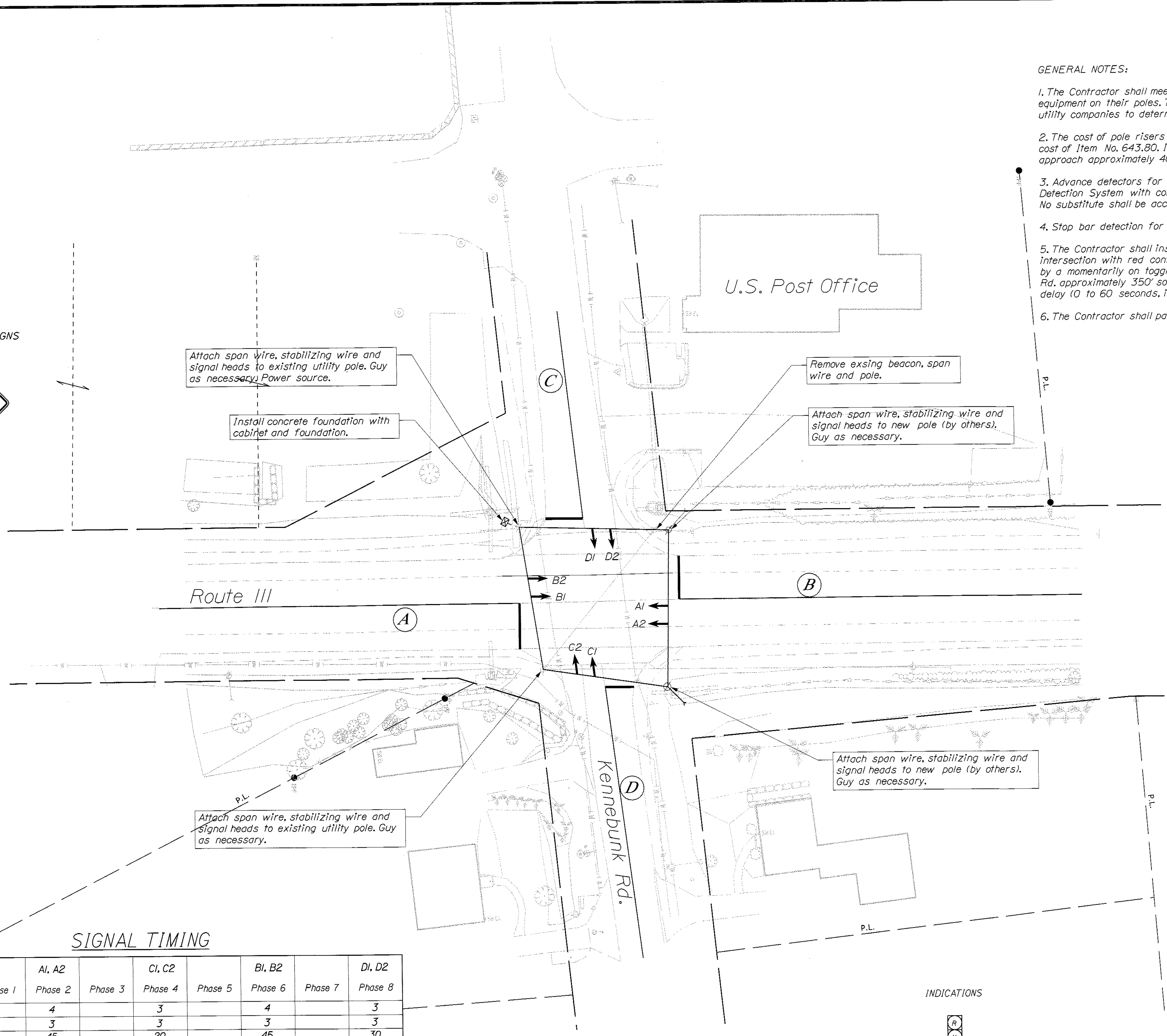
Filename: ... \MSTA\002_Plan_Traffic.dgn



SIGNAL AHEAD SIGNS



W3-3
30' x 30'



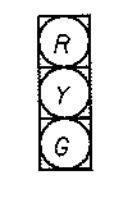
GENERAL NOTES:

1. The Contractor shall meet all requirements of the utility companies when installing equipment on their poles. The Contractor shall be responsible for contacting the utility companies to determine their requirements.
2. The cost of pole risers and signal ahead signs (W3-3) shall be incidental to the cost of Item No. 643.80. Install one signal ahead sign on each Route III approach approximately 400' from the stop line.
3. Advance detectors for Route III through traffic shall be Wavetronix Advance Detection System with continuous vehicle tracking and safe arrival technology. No substitute shall be accepted.
4. Stop bar detection for the side streets shall be via video.
5. The Contractor shall install a wireless radio emergency preemption system at the intersection with red confirmation strobe. The wireless radio signal shall be activated by a momentarily on toggle switch located in the Alfred fire station on Kennebunk Rd. approximately 350' south of the intersection. The system shall have a programmable delay (0 to 60 seconds, initially set to 0 seconds) before preemption begins.
6. The Contractor shall paint 24" stop lines where shown on this plan sheet.

SIGNAL TIMING

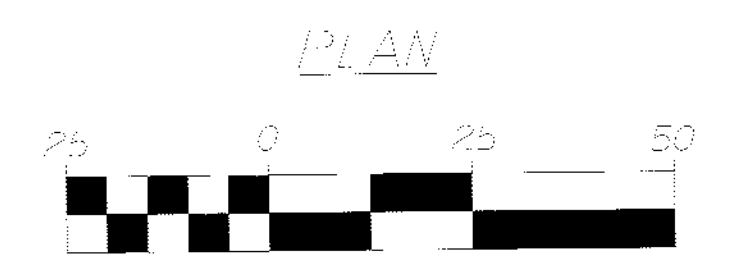
Heads:	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Min Green		4		3		4		3
Extension		3		3		3		3
Max I		45		20		45		30
Max II								
Veh Clear		3.3		3.0		3.3		3.0
Red Clear		1.8		3.2		1.8		3.2
Walk								
Ped Clear								
Recall		soft		off		soft		off
Flash		yellow		red		yellow		red

INDICATIONS



All Heads

All heads shall have 12' LED indications with 5' back plates.



SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AT-STP-1942(700)X
WIN
19427.00
TRAFFIC PLAN

PROJ. MANAGER
DESIGN DETAIL 0
CHECKED/REVISED
DESIGN DETAIL 02
DESIGN DETAIL 03
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

DATE
BY
SIGNATURE
P.E. NUMBER
DATE

ALFRED
Route 111 & Kennebunk Road
SIGNAL PLAN

SHEET NUMBER
2
OF 2