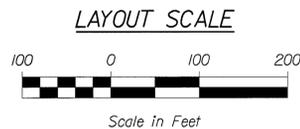
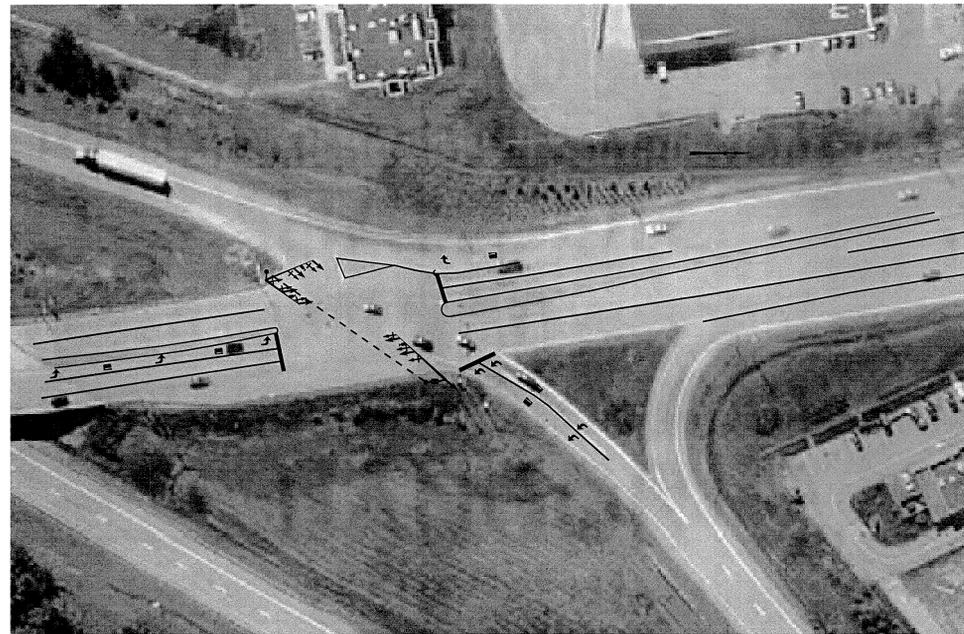


STATE OF MAINE DEPARTMENT OF TRANSPORTATION



BANGOR PENOBSCOT

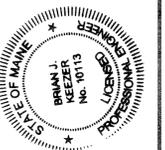
HOGAN RD & I-95 SB OFF RAMP
Operational and Safety Improvements
PROJECT LENGTH : 0.10 MILES



PLAN LEGEND	
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="checkbox"/> Existing <input type="checkbox"/> Proposed
Type 1 _____	Proposed Underdrain _____
Type 3 _____	Proposed Ditch _____
Type 5 _____	Existing Ditch _____
Outline of Bodies of Water _____	Utility Poles <input type="checkbox"/> Existing <input type="checkbox"/> Proposed
Ledge _____	Fire Hydrants <input type="checkbox"/> Existing <input type="checkbox"/> Proposed
Buildings _____	Existing Water Line _____
Trees <input type="checkbox"/> Conifer <input type="checkbox"/> Deciduous	Existing San. Sewer _____
Tree Line _____	Existing San. Sewer Manhole <input type="checkbox"/>
Clearing Limit Line _____	Guardrail-Existing _____
	Guardrail-Proposed _____
	Guardrail-Cable, Other _____

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

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED _____ DATE 5/15/13
COMMISSIONER _____
CHIEF ENGINEER _____



SIGNATURE _____
10/13
P.E. NUMBER _____
DATE 5-14-13

PROJECT INFORMATION	
PROGRAM	
PROJECT MANAGER	
DESIGNER	
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

WIN 19021.00 AC-STP-1902(100)X
BANGOR
HOGAN RD & I-95 SB OFF RAMP
TITLE SHEET

<u>PROJECT LOCATION:</u>	Intersection of Hogan Road and I-95 SB Off Ramp
<u>PROGRAM AREA:</u>	Traffic Engineering
<u>SCOPE OF WORK:</u>	Replace all existing traffic signal equipment with new.

SHEET NUMBER
1
OF 2

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 locations of all equipment shown are approximate. Final locations shall be determined in the field by the Construction Manager.
3. Any existing signal equipment removed is the property of the State of Maine and shall be returned to the City of Bangor as directed by the Engineer. The existing lighting fixture and arm on the existing signal pole shall also be returned to the City.
4. The new signal controller shall be an Econolite xxx and shall be 100% compatible with the existing signal system.
5. The cost of pole risers and overhead lane use signs shall be incidental to the cost of Item No. 643.80.

6. The Contractor shall remove the existing interconnect cable from the existing signal pole and attach it to the existing Bangor Hydro Electric pole.
7. Stop bar vehicle detection shall be via Trafficam video detectors on all approaches. Detection zones shall be approximately 50'.
8. The Contractor shall provide and install a xxx model number xx street light fixture on the new dual purpose pole.

Overhead Lane Use Signs



R10-12
30" x 36"



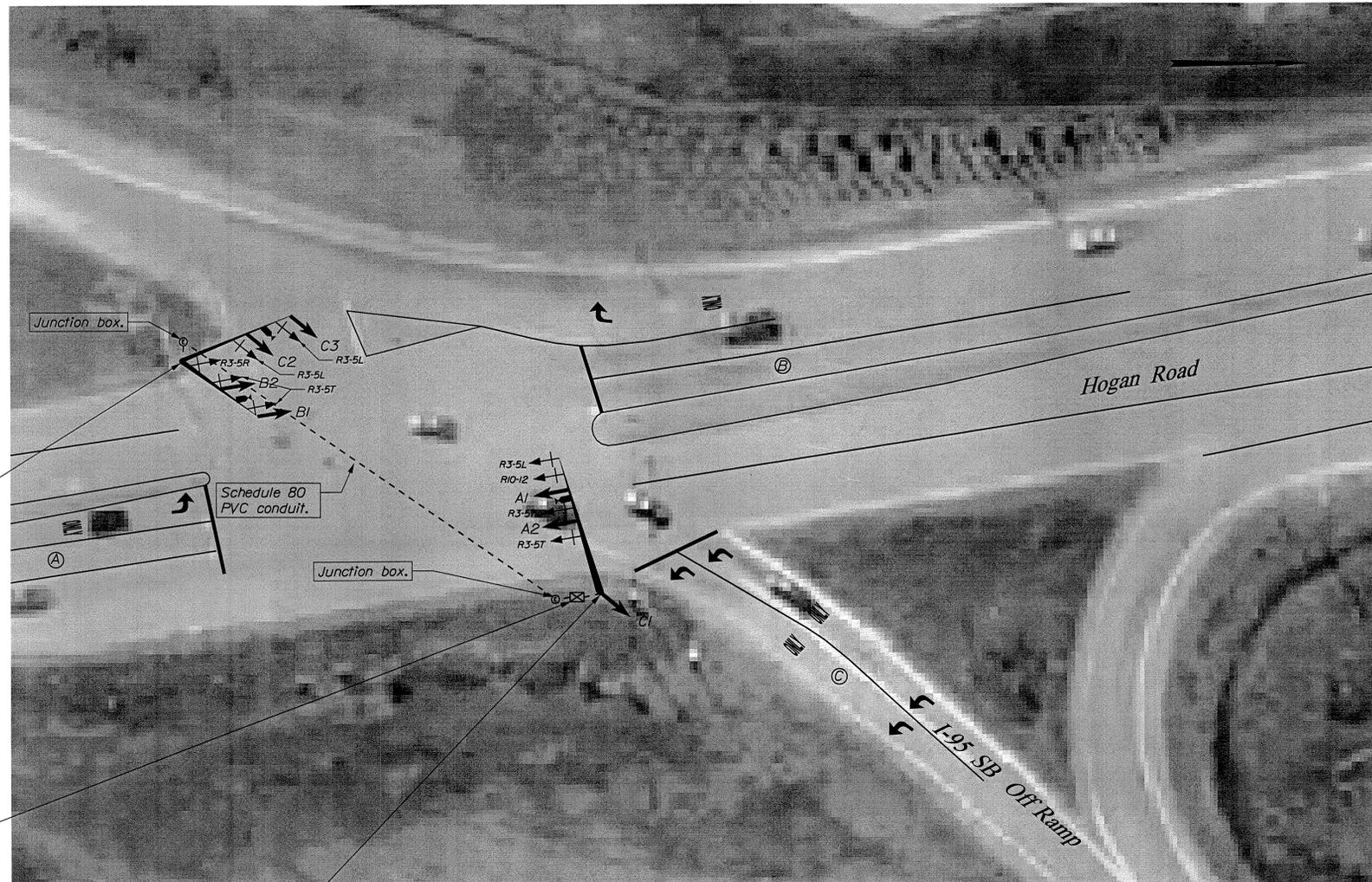
R3-5L
30" x 36"



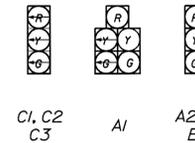
R3-5T
30" x 36"



R3-5R
30" x 36"



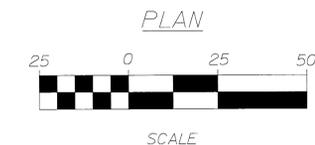
Indications



All heads shall have 12" indications with 5" louvered backplates.

SIGNAL TIMING

	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
Min Green								
Extension								
Max I	The new controller shall have the same phasing, timing and coordination timing as the existing controller. The Contractor, with assistance from the City's signal engineer, may use the central office system to download phasing and timing to the new controller.							
Max II								
Veh Clear								
Red Clear								
Walk								
Ped Clear								
Recall								



Date: 5/15/2013

Username: mike.delois

Division: TRAFFIC

Filename: ...:\00\TRAFFIC\MSTA\002_Plan.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1902(100)X
PIN 19021.00
TRAFFIC PLANS

PROJ. MANAGER	DATE	SIGNATURE	P. E. NUMBER	DATE
M. DELOS				
M. DELOS				

BANGOR
HOGAN RD & I-95 SB OFF RAMP
TRAFFIC SIGNAL PLAN

SHEET NUMBER
2
OF 2