

STATE OF MAINE DEPARTMENT OF TRANSPORTATION

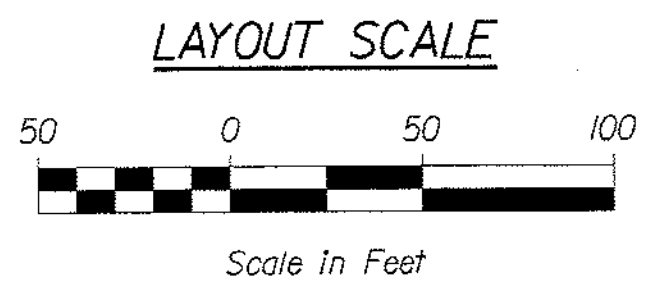
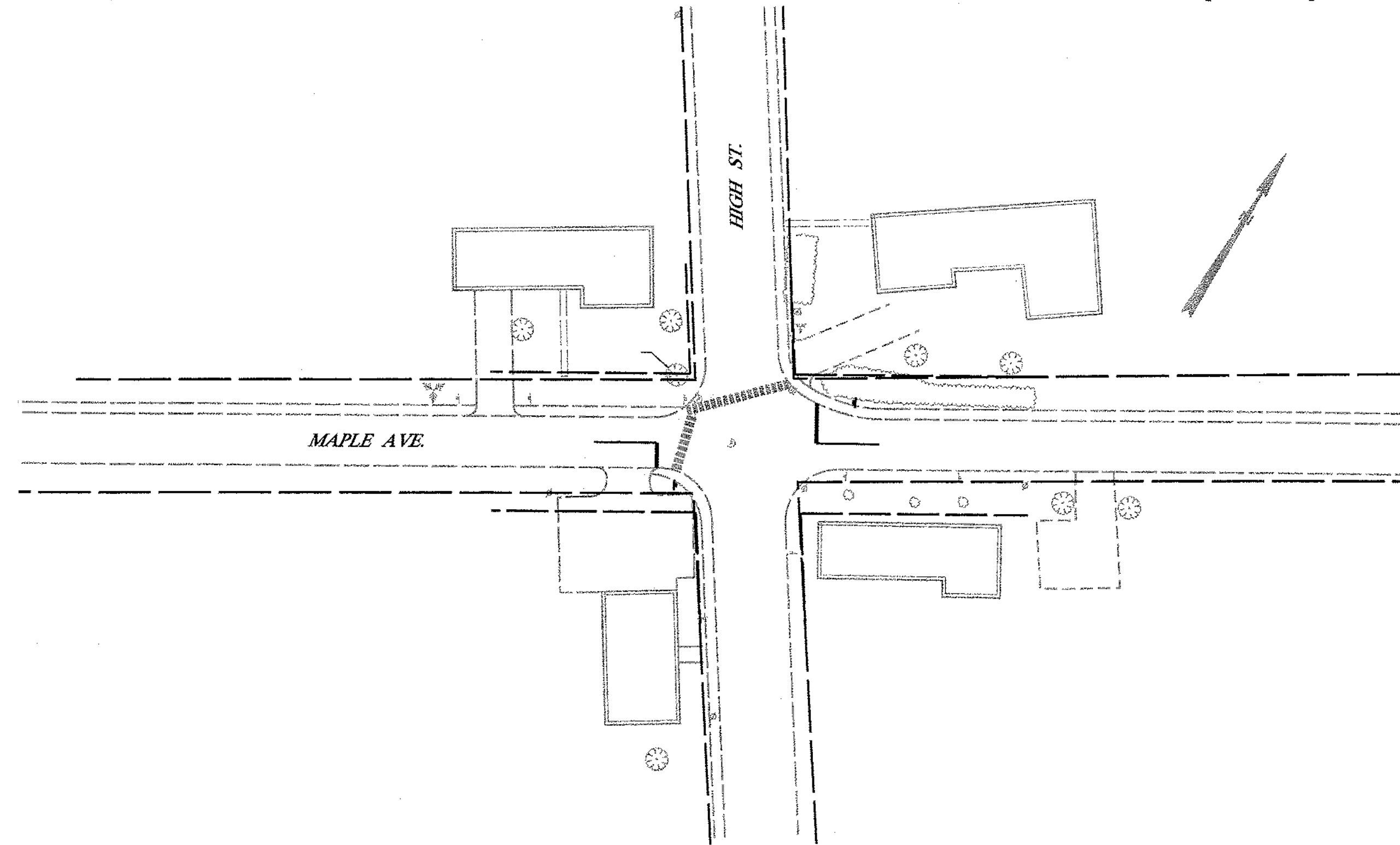


FARMINGTON FRANKLIN

HIGH STREET & MAPLE AVENUE INTERSECTION IMPROVEMENTS FEDERAL AID PROJECT NO. AC-STP-1901(800)X

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
Curbing Existing	Manholes
Curbing Proposed	Proposed Underdrain
Type 1	Proposed Ditch
Type 3	Existing Ditch
Type 5	Utility Poles
Outline of Bodies of Water	Fire Hydrants
Ledge	Existing Water Line
Buildings	Existing San. Sewer
Trees	Existing San. Sewer Manhole
Tree Line	Guardrail-Existing
Clearing Limit Line	Guardrail-Proposed
	Guardrail-Cable, Other

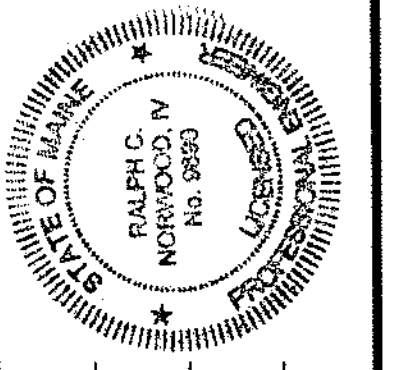
INDEX OF SHEETS	
Description	Sheet No.
Title Sheet	1
Flashing Beacon Plan	2



GP Gorrill-Palmer Consulting Engineers, Inc.
 PO Box 1237 Engineering Excellence Since 1998 207-657-6910
 15 Shaker Road FAX: 207-657-6912
 Grey, ME 04039 E-Mail: mailbox@gorrillpalmer.com

PROJECT LOCATION:	In the town of Farmington at the intersection of High Street and Maple Avenue
PROGRAM AREA:	Traffic
OUTLINE OF WORK:	Intersection Improvements

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	DATE 7/10/12
APPROVED	DATE 7/9/12
COMMISSIONER	
CHIEF ENGINEER	



<i>Ralph Norwood</i>	SIGNATURE
9/6/11	P.E. NUMBER
7-2-12	DATE

PROGRAM	TRAFFIC
PROJECT MANAGER	S. LAMDRY
DESIGNER	R. NORWOOD
CONSULTANT	GORRILL-PALMER
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

FARMINGTON
HIGH ST. & MAPLE AVE.
TITLE SHEET

SHEET NUMBER
1
OF 2

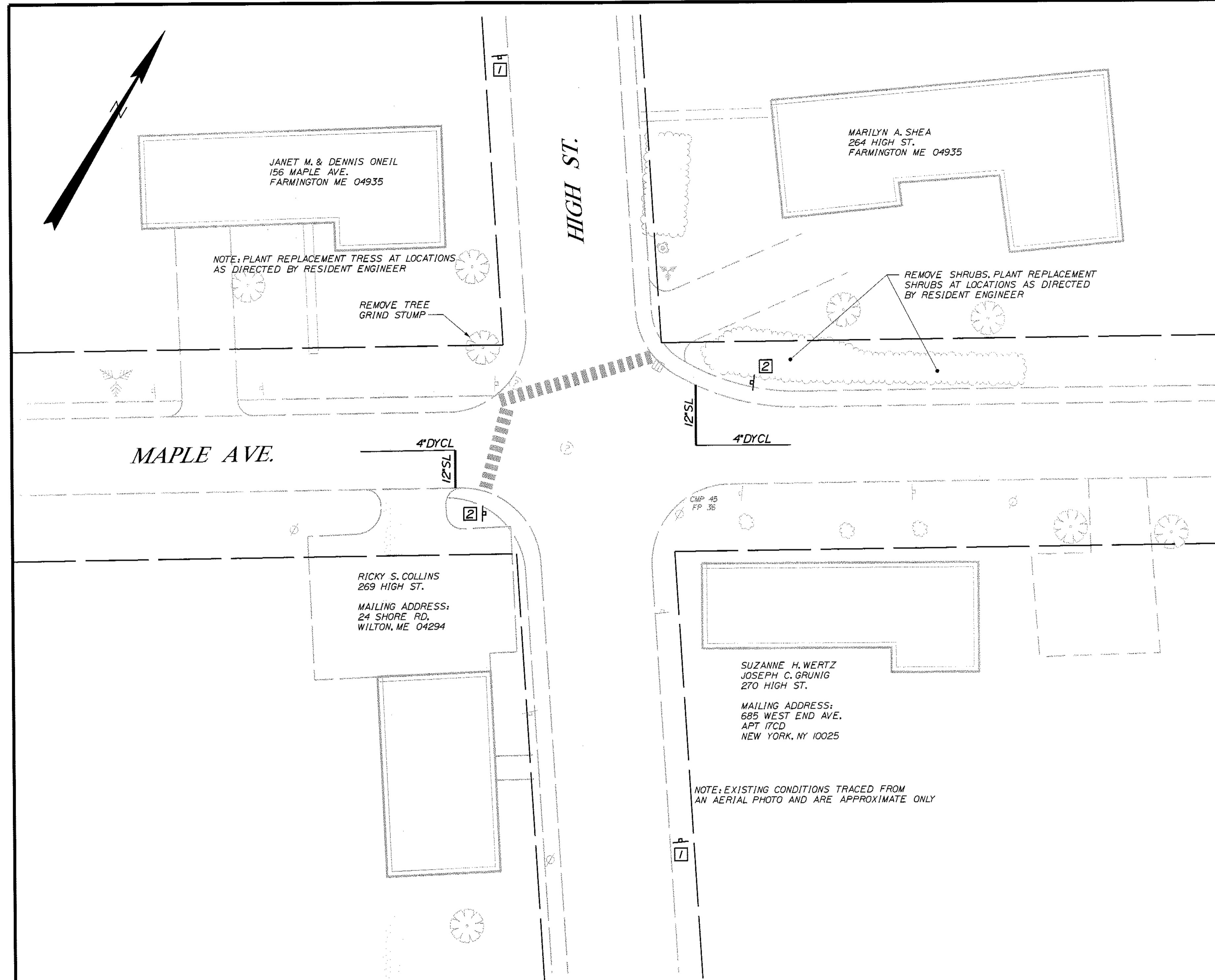
PIN 19018.00 AC-STP-1901(800)X

Date: 7/2/2012

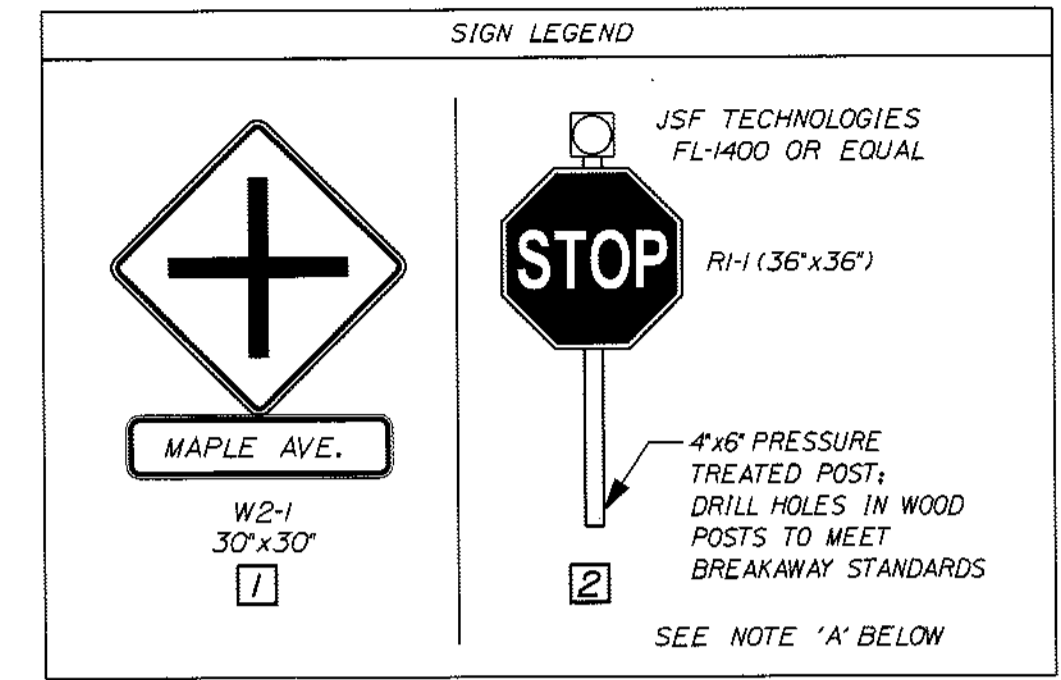
Username: common

Division: HIGHWAY

Filename: ...MSTA\002_BEACON PLAN_001.dgn



STRIPING LEGEND	
12'SL	- 12" WIDTH STOP LINE
4'DYCL	- 4" WIDTH DOUBLE YELLOW CENTERLINE



NOTE 'A'

1. JSF TECHNOLOGIES FL-1400 OR EQUAL BEACONS SHALL BE SOLAR POWERED AND EACH SIGNAL ASSEMBLY SHALL HAVE IT'S OWN SOLAR ARRAY AND BATTERY. SOLAR PANELS SHALL BE A MINIMUM 4.5W, 6V, 765MA.
2. BATTERIES SHALL BE HAWKER 25 AH, 2V, BC CELL. CIRCUIT BOARD SHALL BE CONFORMAL COATED AND WEATHER SEALED AND SHALL USE INDUSTRIAL GRADE COMPONENTS.
3. LED LENSES SHALL BE 1/2 INCH DIAMETER, RED IN COLOR, THEY SHALL FLASH IN HIGH VISIBILITY STROBE PATTERN.
4. ENVIRONMENTAL REQUIREMENTS:
OPERATION LUMINARE: -40F TO -165F
MINIMUM DAILY SOLAR INSOLATION: 0.8 HOURS
IF SOLAR PANEL CAN BE ROTATED, SET FACING THE SOUTHERLY DIRECTION.
ENSURE PANEL IS NOT SHADED BY TREES OR OTHER OBSTRUCTIONS OPERATE AT RATED USAGE FOR 100-DAYS WITHOUT SOLAR CHARGING.
5. EXACT LOCATIONS OF NEW SIGNS SHALL BE DETERMINED IN FIELD WITH RESIDENT ENGINEER.

GENERAL NOTES:

1. WOOD FROM TREE REMOVAL SHALL BE LEFT FOR PROPERTY OWNER. BRUSH SHALL BE DISPOSED OF BY CONTRACTOR.
2. PLEASE REFER TO MAINE DOT'S STANDARD SPECIFICATIONS AND DETAILS SECTION 621 FOR THE SPECIFICATIONS AND DETAILS FOR PLANTING OF THE TREES AND SHRUBS. ITEM 621.273 - LARGE DECIDUOUS TRESS (2"-2.5" CAL) GROUP A SHALL BE ACER SACCAHRUM (SUGAR MAPLE). ITEM 621.025 EVERGREEN TREE (3"-4") GROUP A SHALL BE THUJA OCCIDENTALIS NIGRA (CEDAR SHRUB).

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
1901(800)X
PIN 19018.00
HIGHWAY PLANS

PROJ. MANAGER	S. LAUDRY	BY	DATE
DESIGN-DETAILED	R. NORWOOD	D. BURGESS	-
CHECKED-REVIEWED	J. CORRELL		
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

FRANKLIN FARMINGTON COUNTY
HIGH ST. & MAPLE AVE.
FLASHING BEACON PLAN

SHEET NUMBER
2
OF 2

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