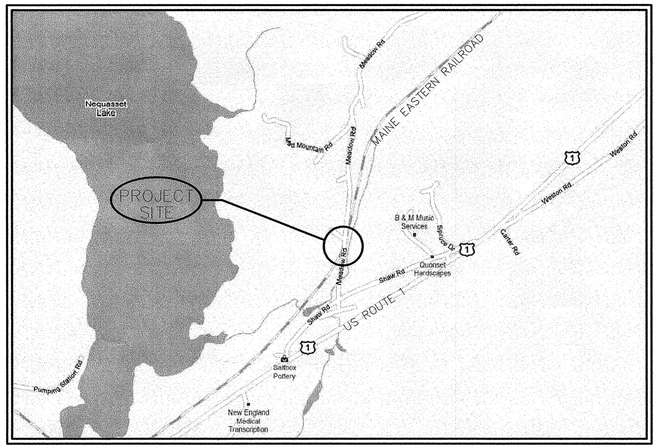
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



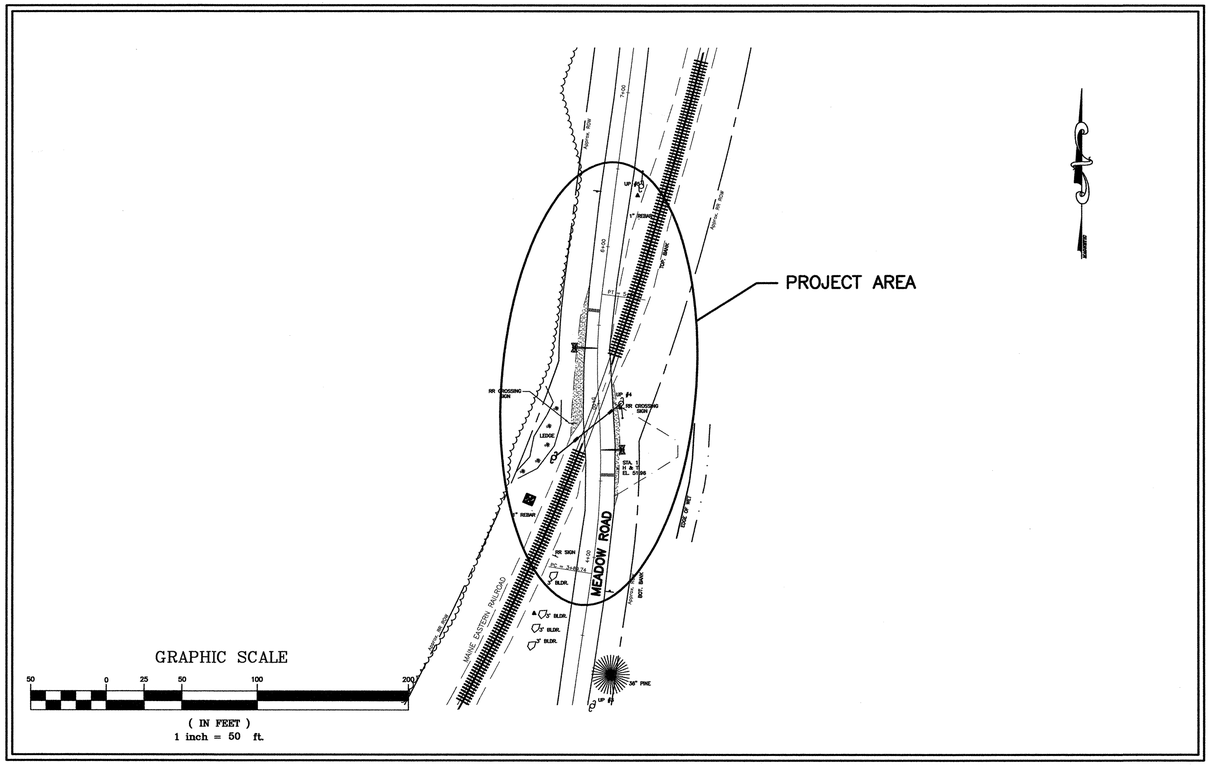
LOCATION MAP
SCALE: 1"= 1,000'

FEDERAL PIN STP-1596(200)X
MEDOT PIN 15962.00

TOWN OF WOOLWICH, MEADOW ROAD
RAIL/HIGHWAY INTERSECTION CROSSINGS OF THE
MAINE EASTERN RAILROAD SIGNAL INSTALLATION

INDEX OF SHEETS

1).....TITLE SHEET
2).....GENERAL PLAN
3).....CROSS SECTIONS
4).....RIGHT OF WAY PLAN



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED

COMMISSIONER: [signature] DATE 12/16/09

CHIEF ENGINEER: [signature] 12/15/2009

STATE OF MAINE RAYSHELLY M. LIZOTTE No. 11842 LICENSED PROFESSIONAL ENGINEER

SIGNATURE [signature] 11842

P.E. NUMBER

DATE 12-14-09

PROJECT INFORMATION

PROGRAM	MULTIMODAL
PROJECT MANAGER	ANDREW MACDONALD, P.E.
DESIGNER	RAYSHELLY LIZOTTE, P.E.
CONSULTANT	AMES A/E
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

STP-1596(200)X PIN 15962.00

WOOLWICH
MEADOW ROAD CROSSING

TITLE SHEET

SHEET NUMBER
1

1 OF 4

CONSTRUCTION NOTES:

1. ALL WORK CONTEMPLATED UNDER THIS PROJECT SHALL BE GOVERNED BY AND BE IN CONFORMITY WITH STATE OF MAINE DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS" (REV. DECEMBER 2002) AND ANY SUPPLEMENTALS THERETO, TOGETHER WITH THE "STANDARD DETAILS" (REV. DECEMBER 2002) AND ANY SUPPLEMENTALS THERETO, AS MODIFIED BY THE PLANS OR SPECIFICATION SPECIAL PROVISIONS AND "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR. STREETS AND HIGHWAYS" (2003 EDITION), PART 8; TRAFFIC CONTROLS FOR HIGWAY–RAIL GRADE CROSSINGS.

2. THE DEPARTMENT'S "BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL" (REV. FEBRUARY 2008) SHALL APPLY TO ALL PROJECT WORK.

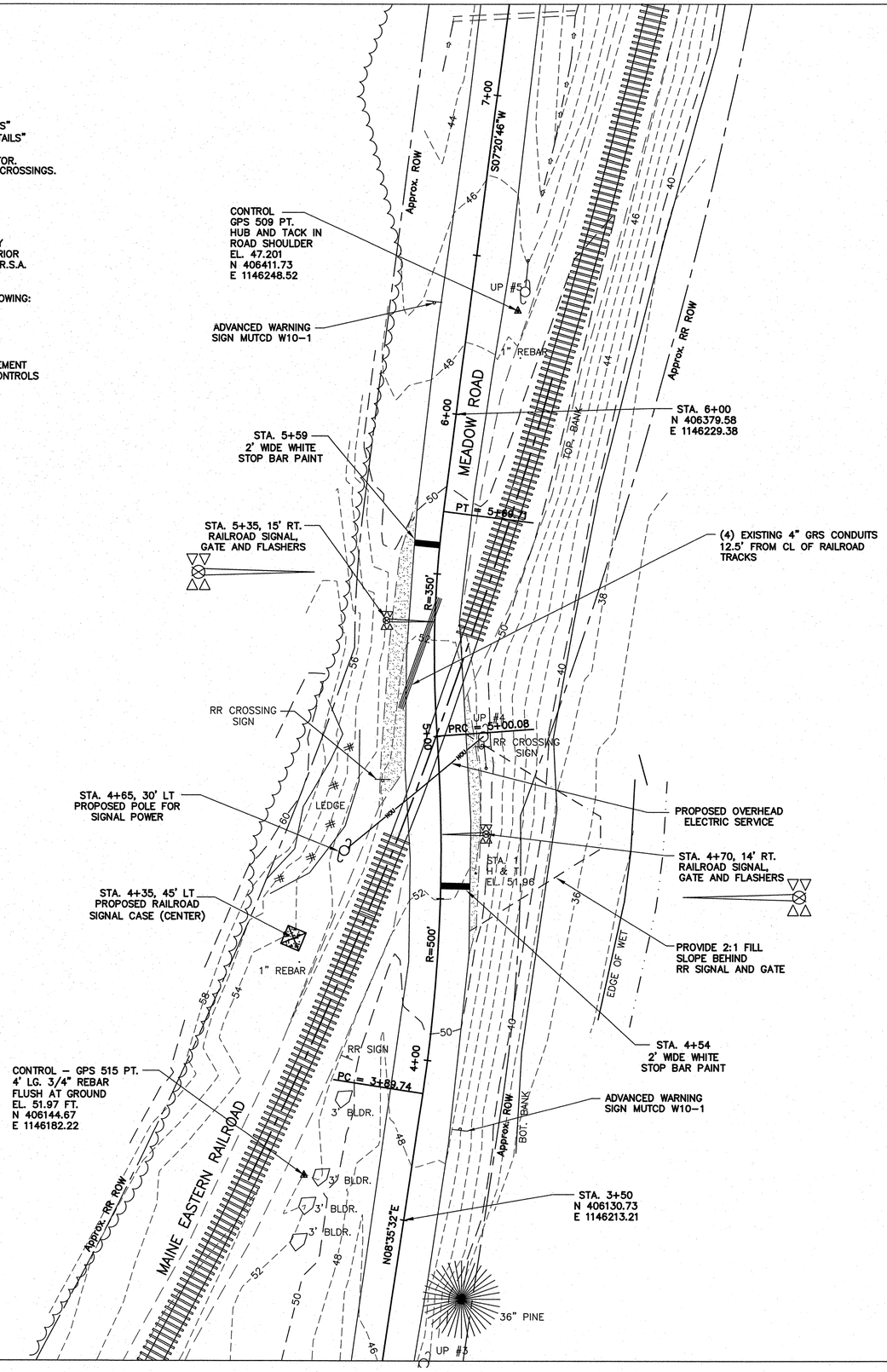
3. THE CONTRACTOR SHALL MAINTAIN ONE–WAY TRAFFIC AT ALL TIMES DURING CONSTRUCTION.

4. UNDERGROUND UTILITIES ARE PRESENT WITHIN PROJECT LIMITS AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL AFFECTED UTILITY COMPANIES WITH A 72 HOUR NOTICE PRIOR TO ANY WORK BEING DONE NEAR A UTILITY. THE CONTRACTOR MUST ALSO COMPLY WITH 23 M.R.S.A. § 3360–A, ENTITLED "PROTECTION OF UNDERGROUND FACILITIES", MAINE'S "DIG SAFE" STATUTE.

5. PAVEMENT REPAIR FOR TRENCHING DUE TO CONDUIT INSTALLATION SHALL INCLUDE THE FOLLOWING:
   - 1 1/2" 12.5 mm HMA
   - 2 1/2" 12.5 mm HMA
   - 18" TYPE D AGGREGATE SUBBASE

6. PAVEMENT MARKINGS SHALL BE REPLACED AS INDICATED ON PLANS AND DETAILS. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST VERSION OF THE MUTCD MANUAL,PART 8; TRAFFIC CONTROLS FOR HIGWAY–RAIL GRADE CROSSINGS..

7. ALL PAVEMENT TO BE REMOVED SHALL BE SAWCUT.



SURVEY NOTES

1. BASIS OF BEARING, GRID NORTH, BASED ON MDOT 3 ZONE COORDINATE SYSTEM, 1813 MAINE WEST (2000).

2. HORIZONTAL CONTROL BASED ON TOPCON HYPER–GD STATIC GPS OBSERVATIONS AND CORRECTED BY NATIONAL GEODETIC SURVEY ONLINE POSITIONING USER SYSTEM USING PRECISE ORBITS.

3. VERTICAL CONTROL BASED ON TOPCON HYPER–GD STATIC GPS OBERVATIONS AND CORRECTED BY NATIONAL GEODETIC SURVEY ONLINE POSITIONING USER SYSTEM USING PRECISE ORBITS. THE ELEVATIONS ARE BASED ON NAVD88 (COMPUTED USING GEOID03).

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STP–1596(200)X

PIN 15962.00

MULTIMODAL PLANS

STATE OF MAINE
RAYSHELLY M. LIZOTTE
No. 11842
LICENSED
PROFESSIONAL ENGINEER

		BY	DATE
PROJ. MANAGER	A. MACDONALD, PE		
DESIGN–DETAILED	RML, PE	JLD	12/04/09
CHECKED–REVIEWED			
DESIGN–DETAILED2			
DESIGN–DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

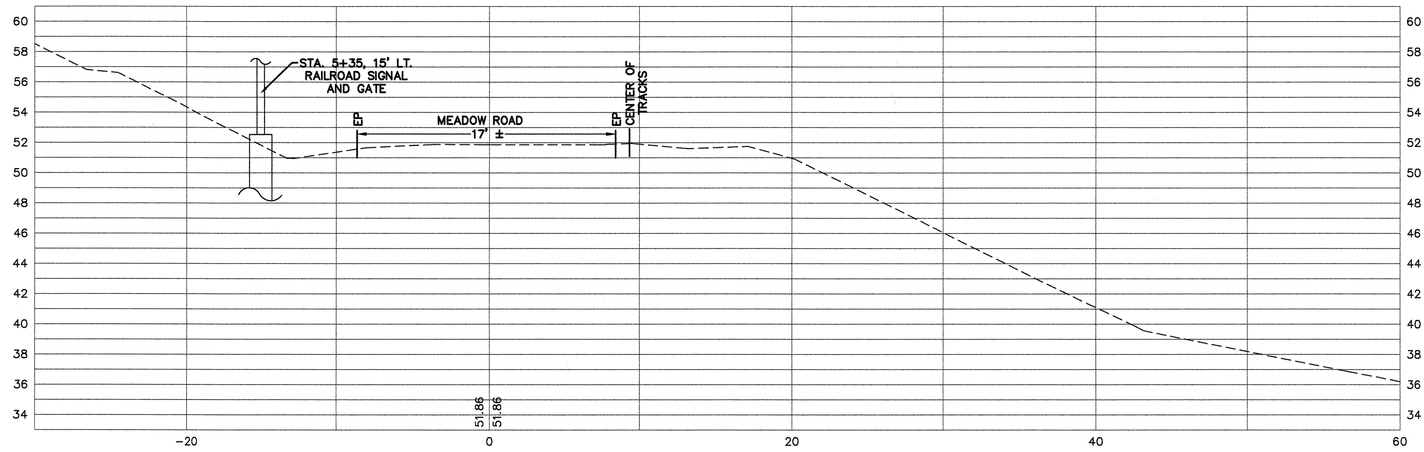
P.E. NUMBER

DATE 12-14-09

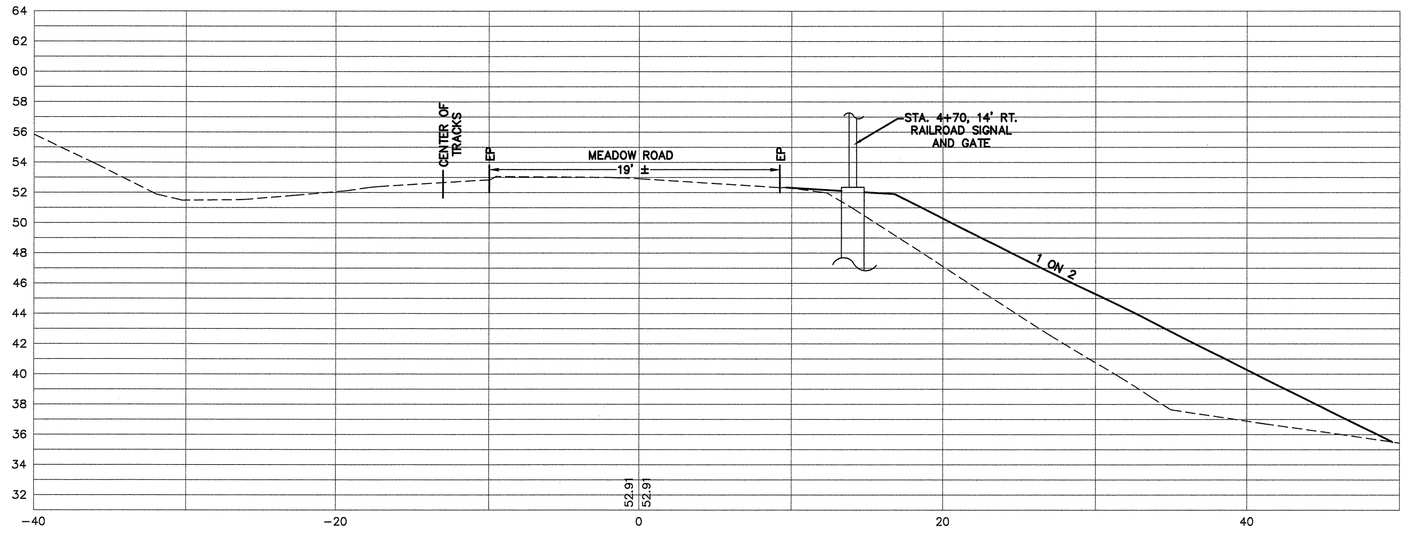
WOOLWICH
MEADOW ROAD CROSSING

GENERAL PLAN

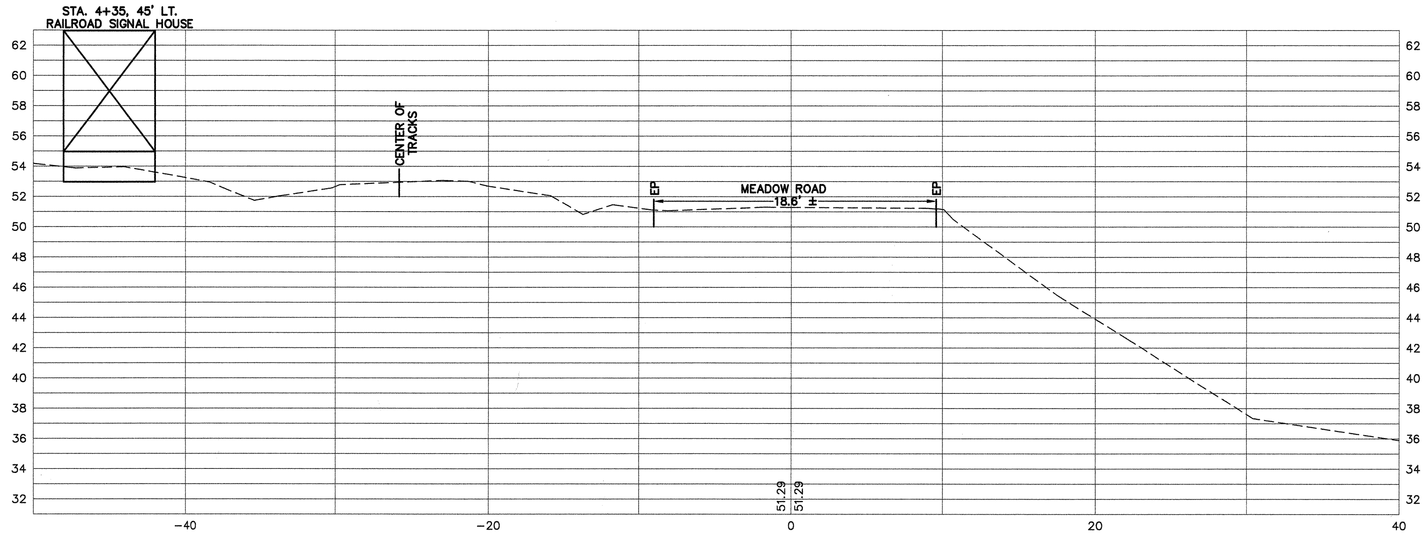
SHEET NUMBER
2



5+35 (SIGNAL LEFT)



4+70 (SIGNAL RIGHT)



4+35 (SIGNAL CABINET)

GRAPHIC SCALE

10 0 2.5 5 10

(IN FEET)
1 inch = 5 ft.

SHEET NUMBER 3 OF 4

WOOLWICH
MEADOW ROAD CROSSING

CROSS SECTIONS

PROJ. MANAGER A. MACDONALD, PE		BY	DATE
DESIGN-DETAILED	RML, PE	JLD	12/04/09
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
11842
P.E. NUMBER
12-14-09
DATE

STATE OF MAINE
RAYSHELLY M. LIZOTTE
No. 11842
LICENSED PROFESSIONAL ENGINEER

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1596(200)X

PIN 15962.00

MULTIMODAL PLANS

NOTES:

1.) NO LAYOUT OF THE MEADOW ROAD WAS FOUND IN THE COURSE OF THIS SURVEY. THE RIGHT OF WAY LIMIT SHOWN IS BASED UPON THE CENTERLINE OF SAID ROAD AND EVIDENCE IN THE FORM OF STONEWALLS AND OTHER IMPROVEMENTS FOUND NORTHERLY OF THE LOCUS.

2.) THE LIMITS OF SUCKER BROOK WERE ESTABLISHED AS FOLLOWS; IN THE AREA OF THE EASEMENT, THE LIMITS WERE ESTABLISHED BY ACTUAL FIELD LOCATION. OTHER PORTIONS OF SUCKER BROOK ARE BASED UPON AERIAL PHOTOGRAPHS.

3.) THE MAINE EASTERN RAILROAD RIGHT OF WAY IS SHOWN AS 66' WIDE BASED UPON PLAN REFERENCE #1.

4.) COORDINATE VALUES ARE BASED UPON MAINE STATE PLANE COORDINATE SYSTEM (ME SPS, 2000) WEST ZONE

PLAN REFERENCES;

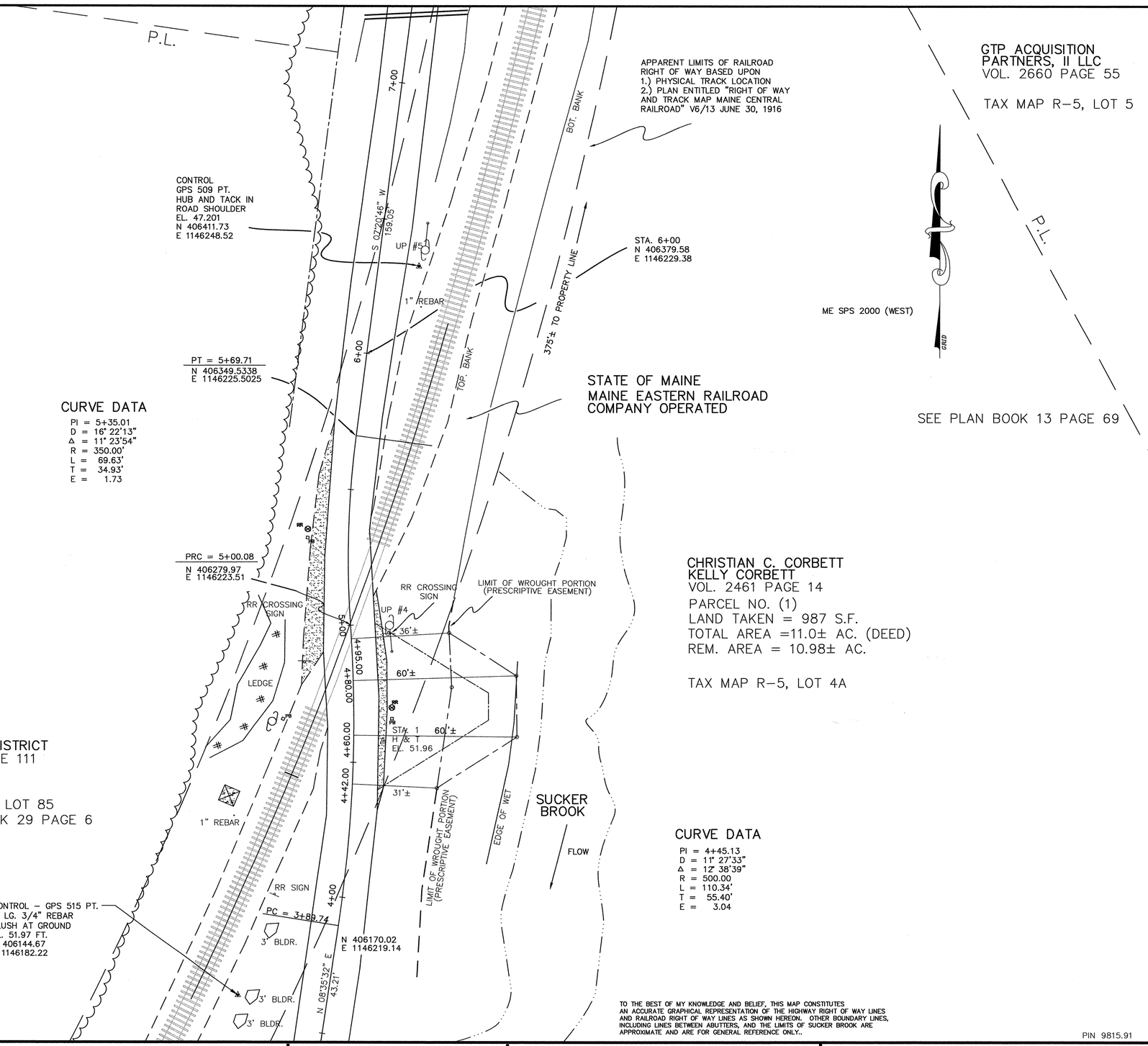
1.) "RIGHT OF WAY AND TRACK MAP MAINE CENTRAL RAILROAD, V6/13" DATED JUNE 30, 1916.

2.) "STANDARD BOUNDARY SURVEY OF PART OF THE ESTATE OF MADELYN R. BOGLE – U.S.ROUTE #1, WOOLWICH, MAINE" DATED MARCH 6, 1990 AND RECORDED IN PLAN BOOK 29, PAGE 6

3.) "COMPASS & CHAIN SURVEY OF ESTHER RODICK PROPERTY" DATED MAY 16, 1978 AND RECORDED IN PLAN BOOK 13, PAGE 69.

COORDINATE TABLE;

POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
GPS 509	HUB & TACK	406411.73	1146248.52	47.201
GPS 515	3/4" REBAR FLUSH	408144.67	1148162.22	51.97
PC	3+89.74	406170.02	1146219.14	
PRC	5+00.08	406279.97	1146223.51	
PT	5+69.71	406349.53	1146225.50	
CL	6+00.00	406379.58	1146229.38	



CURVE DATA

PI = 5+35.01
D = 16° 22'13"
Δ = 11° 23'54"
R = 350.00'
L = 69.63'
T = 34.93'
E = 1.73

CURVE DATA

PI = 4+45.13
D = 11° 27'33"
Δ = 12° 38'39"
R = 500.00
L = 110.34'
T = 55.40'
E = 3.04

NOTE:
THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CAN NOT BE USED OR RELIED UPON TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

SYMBOLS
- IRON PIPE OR PIN
- SEPTIC TANK
- ROW MONUMENT
- TRAVERSE POINT
- WELL
- GRADING LIMIT LINE
- EASEMENT LIMIT LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXISTING ROW
- CONTROL OF ACCESS
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W		KJM
PROP. LINES		KJM
AREAS		KJM

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS MAP CONSTITUTES AN ACCURATE GRAPHICAL REPRESENTATION OF THE HIGHWAY RIGHT OF WAY LINES AND RAILROAD RIGHT OF WAY LINES AS SHOWN HEREON. OTHER BOUNDARY LINES, INCLUDING LINES BETWEEN ABUTTERS, AND THE LIMITS OF SUCKER BROOK ARE APPROXIMATE AND ARE FOR GENERAL REFERENCE ONLY..

PIN 9815.91

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK		PAGE	COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____ _____ _____ and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

DAVID A. COLE
COMMISSIONER

JOHN E. DORITY
CHIEF ENGINEER

STATE OF MAINE
KENNETH
1297
PROFESSIONAL LAND SURVEYOR

MEADOW ROAD
WOOLWICH SAGADAHOC COUNTY

12/04/2009 | RIGHT-OF-WAY MAP
SCALE 1"= 20' | SHEET 1 OF 1

SHEET NUMBER
4
4 OF 4