



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0016

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

April 6, 2009



SUBJECT: FREEPORT, ROUTE 125/136, DESIGN-BUILD PROJECT (MAINEDOT PIN:
012782.00), REQUEST FOR PROPOSALS (RFP): 2006 FWD DATA

Please find enclosed a copy of the 2006 FWD data for the Subject Project. The data is located using Station (feet) and Milepoint based on the Beginning Mile Point (BMP) of 0.88. The BMP and EMP (End Mile Point) are referenced using standard MaineDOT Route-Log-Mile (RLM) nomenclature. A copy of the Department RLM filter for the Project area is enclosed for reference.

FWD data was obtained starting at the southerly end of the Project, near Richards Lane, and continuing northerly to the Durham Town Line. FWD data was obtained in the right-hand-lane in the right wheel path.

Sincerely,

A handwritten signature in blue ink that reads "Jeffrey Tweedie".

Jeffrey Tweedie, P.E.
Project Manager

Cc: Brad Foley, P.E., MaineDOT
Norman Baker, P.E., MaineDOT
Scott Bickford, P.E., MaineDOT
Shawn Smith, MaineDOT

Enclosures: (2)



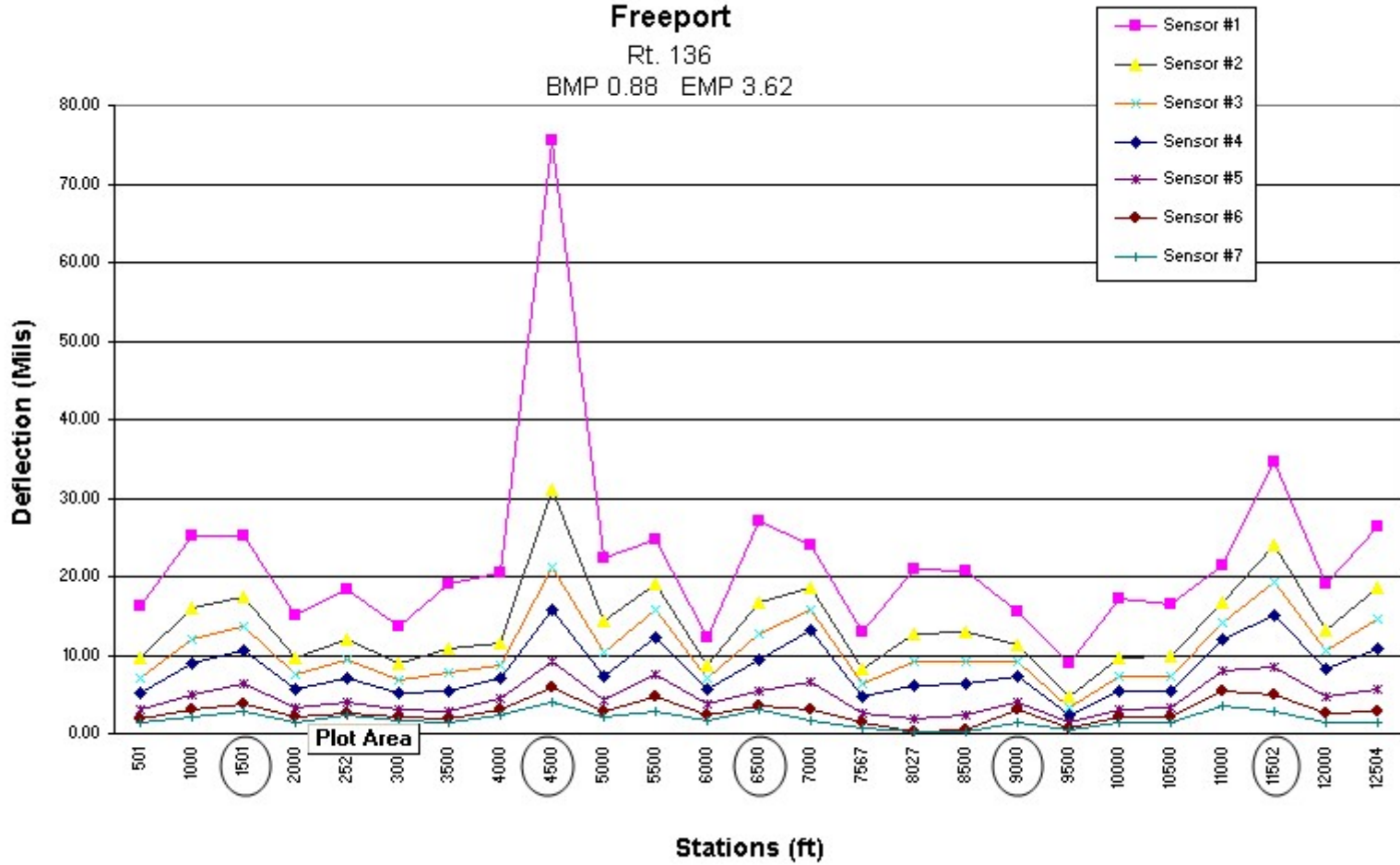
PRINTED ON RECYCLED PAPER

**Freeport
Rt. 136
BMP 0.88 EMP 3.62**

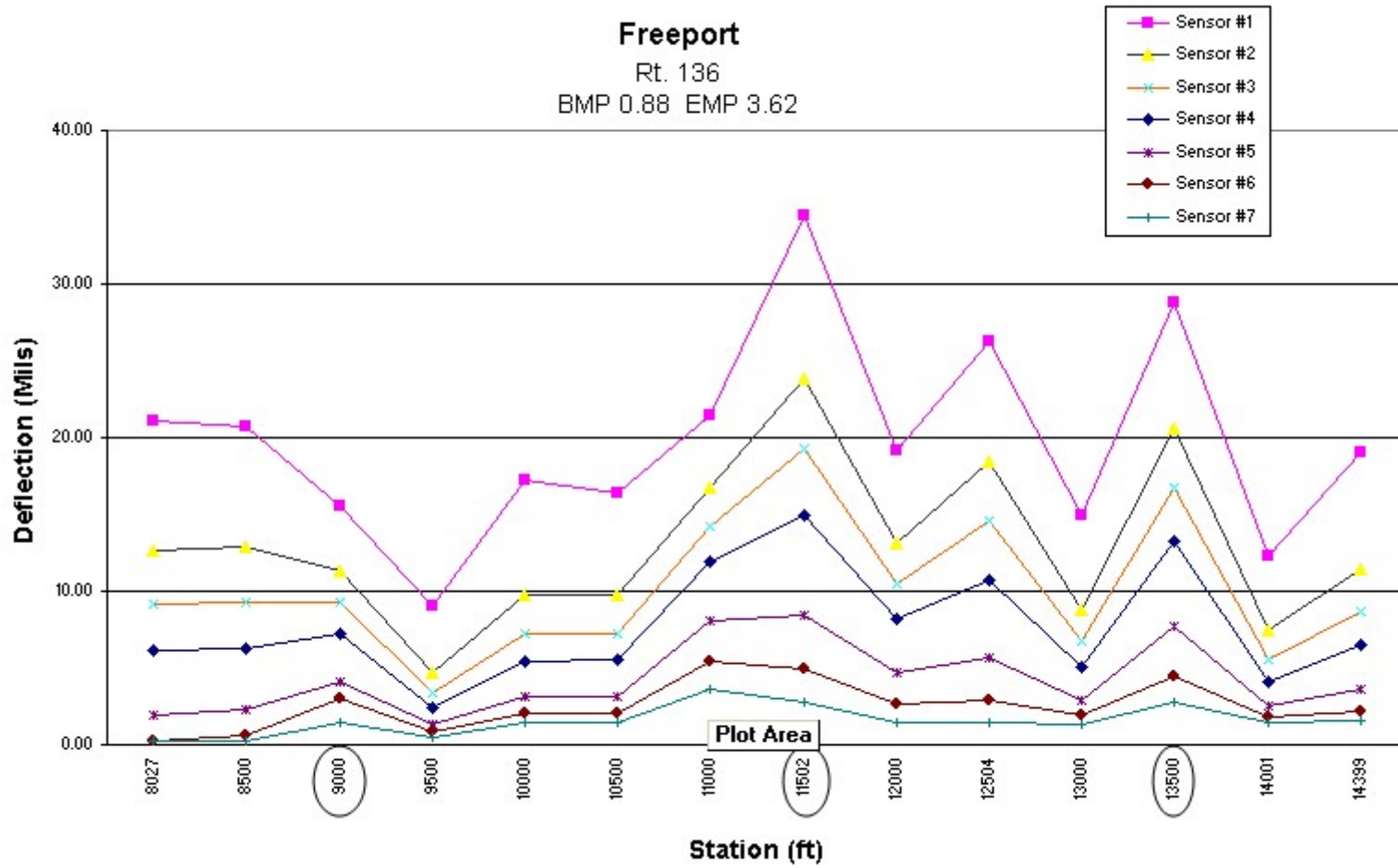
Station (feet)	Milepoint	Pavement Modulus (psi)	Existing SN (in)	Subgrade Resilient Modulus (psi)	Pavement Thickness (in)	Actual Combined Pavement/Gravel Depth
501	0.975	58,345	3.56	5,096	9.6	20.4
1000	1.069	38,538	3.1	3,101	9.6	20.4
1501	1.164	56,923	3.53	4,253	9.6	20.4
2000	1.259	67,417	3.74	5,352	9.6	20.4
2522	1.358	49,547	3.97	4,235	9.0	24.0
3003	1.449	67,612	4.40	5,672	9.0	24.0
3500	1.543	42,105	3.76	6,055	9.0	24.0
4000	1.638	44,351	3.82	3,933	9.0	24.0
4500	1.732	11,594	2.44	1,810	9.0	24.0
5000	1.827	38,101	3.63	4,138	9.0	24.0
5500	1.922	86,355	2.39	2,152	7.2	12.0
6000	2.016	179,511	3.05	4,575	7.2	12.0
6500	2.111	59,172	2.10	2,740	7.2	12.0
7000	2.206	112,022	2.60	1,999	7.2	12.0
7557	2.311	128,850	2.73	5,511	7.2	12.0
8027	2.400	41,393	2.99	4,277	9.0	19.2
8500	2.490	43,229	3.03	4,133	9.0	19.2
9000	2.585	70,265	3.57	4,291	9.0	19.2
9500	2.679	97,992	3.98	10,987	9.0	19.2
10000	2.774	51,963	3.22	4,866	9.0	19.2
10500	2.869	56,890	3.32	4,755	9.0	19.2
11000	2.963	43,529	4.75	2,397	8.4	30.0
11502	3.058	25,662	3.98	2,063	8.4	30.0
12000	3.153	43,591	4.75	3,689	8.4	30.0
12504	3.248	39,807	2.95	2,434	9.0	19.2
13000	3.342	52,396	3.23	4,036	9.0	19.2
13500	3.437	36,019	2.85	2,253	9.0	19.2
14001	3.532	76,083	3.66	6,298	9.0	19.2
14399	3.607	52,708	3.24	4,012	9.0	19.2

Freeport

Rt. 136
BMP 0.88 EMP 3.62



Freeport
Rt. 136
BMP 0.88 EMP 3.62



Node count: 29



MaineDOT

Route Log Mile Detail Report

 Tide Load date: 03/28/2009
 Tide year: 2008

Filter Elements

Selected Town	Selected ROUTE	Milepoint	Offset
Freeport	0136X	0	10

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NOTE: The end of this road in Freeport is at milepoint 3.63.

** Clicking on NODE ID will query and return Connecting Node information. **

[EXPAND](#)

Filter Results

Node ID	Node Desc	Node MP
15847	0506264 FRE,UPPER MAIN ST,MALLET DR.	0.00
18635	Int of MALLET DR, RAMP ON FROM ROUTE 125 & 136, ST RTE 125	0.35
59617	Non-Int ST RTE 125	0.38
19277	Int of RAMP OFF TO ROUTE 125 & 136, ST RTE 125	0.42
19275	Int of RAMP OFF TO ROUTE 125 & 136, ST RTE 125	0.49
59620	Non-Int ST RTE 125	0.53
19274	Int of RAMP ON FROM ROUTE 125 & 136, ST RTE 125	0.56
15862	Int of DURHAM RD, ST RTE 125	0.60
14717	Int of DURHAM RD, TRUE ST	0.85
12575	Int of DURHAM RD, RICHARDS LN	0.89
14718	0505132 FRE,DURHAM,BEECH HILL RD.	1.14
14719	0505133 FRE,RTE.125,136	1.31
14720	Int of DURHAM RD, GAYS DR	2.06
14721	0505135 FRE,DURHAM,CURTIS RD.	2.61
14722	0505136 FRE,DURHAM,BRAGDON RD.	2.75
14723	0505137 FRE,DURHAM,POLAND RD	3.12
19758	Int of BROWN RD, DURHAM RD	3.62
14724	TL - Durham, Freeport	3.63
3249	Int of GRANT RD, ROYALSBOROUGH RD	3.73
62284	Int of ROYALSBOROUGH RD, SMITH FARM RD	4.73
4445	Int of DEWITT HILL RD, ROYALSBOROUGH RD	4.86
3250	Non-Int ROYALSBOROUGH RD	5.39
3251	Int of QUAKER MEETINGHOUSE RD, RABBIT RD, ROYALSBOROUGH RD	6.69
3252	Int of OLD BRUNSWICK RD, ROYALSBOROUGH RD	8.05
3253	Int of HALLOWELL RD, ROYALSBOROUGH RD	8.61
4655	Int of MILL POND RD, ROYALSBOROUGH RD	8.86
3254	Int of NEWELL BROOK RD, ROYALSBOROUGH RD	8.99
60816	Int of NEWELL BROOK RD, ROYALSBOROUGH RD	9.01
3255	Int of DAVIS RD, ROYALSBOROUGH RD	9.45