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

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

September 13, 2007
Subject: **Pittston**
Project No. N/A
Pin No. 011212.01
Amendment No. 1

Dear Sir/Ms:

Please make the following changes to the Bid Documents:

In the Bid Book, within the "Schedule of Items" seven pages total, dated 070824, on page seven of seven DELETE in its entirety Item 660.21 On-The-Job Training (Bid). Make this change in pen and ink.

ADD the attached: "Pole List" four pages total to the existing "Special Provision, Section 104, Utilities".

ADD the attached: "Special Provision, Section 602, Flowable Concrete Fill" dated January 20, 2004, three pages total.

The following questions have been received.

Question: Should a Special Provision 602 be added to the Bid Book on this project? (see note 2 on plan sheet 5 of 102).

Response: See change made earlier in this amendment adding Special Provision 602.

Question: In Special Provisions Section 104 Utilities, on page 2 of 3 under AERIAL, it says "A Detailed Pole List will be Attached to this Special Provision" Where can we find the list?

Response: See change made earlier in this amendment adding the Pole List.

Consider these changes and information prior to submitting your bid on September 19, 2007.

Sincerely,

Scott Bickford
Contracts & Specifications Engineer

CMP Pole #	Tel. Pole #	Existing Station	Rt or Lt	Existing Offset from C.L. (ft).	New Station	Rt / Lt	New Offset from C.L. (ft)	Miscellaneous/Remarks
School St.								
1	1	28+23.0	lt	38.5				Existing location OK, replace in place if condition warrants
1S	1S	28+36.0	lt	45.0				Existing location OK, replace in place if condition warrants
2	2	29+60.5	lt	39.0				Existing location OK, replace in place if condition warrants
3	3	31+05.0	lt	32.0				Existing location OK, replace in place if condition warrants
3 1/2	3 1/2	31+66.0	lt	30.5				Existing location OK, replace in place if condition warrants
4	4	32+49.5	lt	27.0				Existing location OK, replace in place if condition warrants
5	5	33+50.0	rt	101.0				Existing location OK, replace in place if condition warrants
5S		33+85.0	rt	76.0				Existing location OK, replace in place if condition warrants
1	1	33+84.0	rt	26.0				Existing location OK, replace in place if condition warrants
2	#REF!	35+40.0	rt	25.0				Existing location OK, replace in place if condition warrants
3	#REF!	36+78.0	rt	20.0				Existing location OK, replace in place if condition warrants (2' rule)
3.1	3F	36+78.5	lt	17.5		**lt**	**21.0**	Set at new offset at existing station.
4.1		38+30.0	lt	16.5		**lt**	**21.0**	Set at new offset at existing station.
4	4	38+31.5	rt	21.0				Existing location OK, replace in place if condition warrants (2'rule)
5	5	39+87.0	rt	20.0				Existing location OK, replace in place if condition warrants
5.1		39+88.5	lt	24.0		**lt**	**26.0**	Set at new offset at existing station. **(Set 1' deeper)**
6	6	41+24.0	rt	20.5				Existing location OK, replace in place if condition warrants (2' rule)
7	7	42+97.5	rt	22.0		**rt**	**24.5**	Set at new offset at existing station.
8	8	44+23.0	rt	27.0				Existing location OK, replace in place if condition warrants Road Xing
9	9	45+47.0	rt	17.5	**45+47.0**	**lt**	**26.0**	Move to left and set at new offset at existing station. Road Xing
10	10	46+68.5	lt	25.0		**lt**	**27.0**	Set at new offset at existing station.
11	11	48+10.5	lt	25.0	**48+14.0**	**lt**	**29.0**	Set at new station & offset.
12	12	49+26.0	lt	21.0		**lt**	**25.0**	Set at new offset at existing station. **Road Xing (Will need 5' spot cut (ledge?))**
13	13	50+52.0	rt	18.0		**rt**	**21.0**	Set at new offset at existing station. Road Xing
14	14	52+10.0	rt	21.0				Existing location OK, replace in place if condition warrants
14 1/2	14 1/2	53+79.0	rt	20.0				Existing location OK, replace in place if condition warrants
14 1/2S	14/1/2S				**53+79.0**	**lt**	**21.0**	New stub pole to hold reverse corner.
15	15	54+56.0	rt	16.5		**rt**	**22.0**	line between 14 1/2 & 16. (R.O.W. issue with conductors)
16.1	16.1	55+30.0	lt	20.0	**See remarks**			warrants replacement set at Sta. 55+31.5 @ 21' from c.l. Add anchor and aerial guy and
16	16	55+32.0	rt	16.5		**rt**	**21.0**	Set at new offset at existing station.
17S	17S				**56+53.0**	**lt**	**23.0**	New stub pole to hold reverse corner. **(Set 1' deeper)**
17	17	56+54.5	rt	17.5				Existing location OK, replace in place if condition warrants **(2' rule)**
18	18	58+02.5	rt	18.5	**58+07.5**	**rt**	**20.5**	Set at new station & offset. Straight line between 17 & 19.
19	19	59+18.0	rt	18.0		**rt**	**21.0**	Set at new offset at existing station.
20S	20S	60+55.5	lt	23.0	**60+64.0**	**lt**	**24.0**	Set at new station & offset. **(Set 2.3' deeper)**
20	20	60+56.5	rt	15.5	**60+63**	**rt**	**23.0**	Set at new offset at existing station. **(Will need 4' spot cut)**
21	21	61+88.5	rt	18.0		**rt**	**24.5**	Set at new offset at existing station.
21S	21S	61+88.5	lt	24.5				Existing location OK, replace in place if condition warrants
22	22	63+43.0	rt	18.0		**rt**	**28.5**	Set at new offset at existing station. Straight line between 21 & 24.

CMP Pole #	Tel. Pole #	Existing Station	Rt or Lt	Existing Offset from C.L. (ft).	New Station	Rt / Lt	New Offset from C.L. (ft)	Miscellaneous/Remarks
22S	22S	63+44.5	lt	23.0				Eliminate and remove.
23	23	64+97.0	rt	19.0	65+00.0	rt	24.5	Set at new station & offset. Straight line between 21 & 24.
23.1	23.1	65+48.0	lt	27.5	65+50.0	lt	30.0	Set at new station & offset.
24	24	66+58.0	rt	23.0				Existing location OK, replace in place if condition warrants
25.1	25.1	68+10.0	lt	15.0				Not in use - remove
	25D	68+12.0	lt	20.4	SM	lt	25	
25	25	68+14.0	rt	26.0				Existing location OK, replace in place if condition warrants
25	25	68+16.0	lt	25.5				Existing location OK, replace in place if condition warrants
26	26	69+75.0	rt	22.0				
	26	69+77.0	rt	21.2	SM	lt	25	2.5 CUT
28	25	71+83.0	lt	20.0				
	27S		lt		71+86.0	rt	25	
29.1	28.1	73+55.0	rt	23.0				
	28.1	73+58.0	rt	22.8	SM	rt	25	
29	28	73+90.0	lt	24.0				Existing location OK, replace in place if condition warrants
30	29	75+63.0	lt	21.0				
31	30	77+32.5	rt	24.0				
	30	77+35.0	rt	24.2	SM	lt	21	
-1	29	79+40.0	rt	23.0				
	32S	79+42.0	rt	23.3		lt		REMAINS AS STUB / 1' CUT
	32		lt		79+42.0	lt	21	
1	#VALUE!	81+55.5	lt	27.0				
2	#VALUE!	83+74.5	rt	20.5				
	33	83+77.0	rt	20.6	SM	rt	23.5	1.5-2' CUT
-1	#VALUE!	86+62.0	rt	21.5				
37	#VALUE!	88+26.5	lt	26.5				Existing location OK, replace in place if condition warrants
38	#VALUE!	89+82.5	lt	24.0				Existing location OK, replace in place if condition warrants
39	#VALUE!	91+67.0	rt	20.5				
39.1	37.1	91+83.0	lt	27.0				
40	#VALUE!	93+69.0	lt	20.0	Same	lt	23.5	
41	#VALUE!	95+59.5	lt	21.0				
	39	95+61.0	lt	21.1	SM	lt	24	
-1	#VALUE!	97+64.0	lt	20.0				
-2	#VALUE!	99+85.5	rt	26.5				
-3	#VALUE!	101+98.5	rt	28.0				
-4	#VALUE!	103+34.5	rt	21.0				
45	43	103+46.0	rt	18.5				Old pole not in use - Remove
	43	103+49.0	rt	18.7				REMOVE
46	44	105+67.0	rt	17.0				
46.1	44.1	105+69.5	lt	20.5				

CMP Pole #	Tel. Pole #	Existing Station	Rt or Lt	Existing Offset from C.L. (ft).	New Station	Rt / Lt	New Offset from C.L. (ft)	Miscellaneous/Remarks
	44	105+70.0	rt	17.4	SM	rt	21	
	44.5	107+86.0	rt	18.8	SM	rt	21	
-1	44 1/2	107+89.0	rt	19.0				
-2	44	109+29.0	rt	22.0				
-3	43	112+49.5	rt	27.0				
-4	42	115+78.0	rt	34.0				
-5	41	118+00.0	rt	38.0				
51 1/2	48 1/2	119+72.0	rt	22.5				
52	49	121+26.0	rt	28.0				
52.1	49D	121+66.0	lt	25.0				
53	50	124+41.5	rt	33.0				
53S	50S	124+42.5	lt	23.5				
	54S	124+45.0	lt	23.9	SM	lt	24	
54.1		126+15.5	rt	45.0				
55	51	126+95.0	rt	25.5				
55	52	128+63.0	lt	21.5				
54	53	130+48.0	lt	21.0				
69	69	131+37.0	rt	32.0				No CMP poles 57 - 68 & No VZ poles 54 -68
70	70	132+88.0	rt	35.5				
71	71	134+62.5	rt	26.0				
72	72	135+98.5	rt	23.0				
	72	136+01.0	rt	22.9	SM	rt	25	**2' CUT**
-1	71	137+44.0	rt	22.5				
	73	137+47.0	rt	22.6	SM	rt	25	**1.5' CUT**
1	74	138+89.5	rt	23.0				
	74	138+92.0	rt	22.8	SM	rt	25	**1' CUT**
-1	73	140+34.0	rt	25.0				
-2	72	141+45.0	rt	18.0				
	76	141+48.0	rt	18	SM	rt	21	
1	77	143+14.5	rt	26.0				
2	78	145+00.0	rt	29.5				
3	79	146+46.0	rt	27.5				
79.1	79.1	146+50.0	lt	25.5				
80	80	147+67.5	rt	23.0				
81.1	81.1	149+33.0	lt	36.5				
81	81	149+57.0	rt	20.0				
	82.1	151+05.0	lt	17.7	SM	rt	21	
82.1	82.1	151+17.5	lt	17.5				
82	82	151+24.0	rt	26.0				
83	83	152+80.0	rt	17.0				

CMP Pole #	Tel. Pole #	Existing Station	Rt or Lt	Existing Offset from C.L. (ft).	New Station	Rt / Lt	New Offset from C.L. (ft)	Miscellaneous/Remarks
83S	83S	152+81.0	lt	18.0				
	83	152+83.0	rt	17	**SM**	**rt**	**21**	
	83S	152+84.0	lt	18.2	**SM**	**lt**	**21**	**1' FILL**
84	84	154+41.5	rt	18.5				
	84	154+44.0	rt	18.8	**154+00.0**	**rt**	**21**	
	84D		lt		**154+50.0**	**lt**	**23**	**1.5' CUT**
	85	155+82.0	rt	29.3	**155+79**	**rt**	**31.3**	Changed at onsite Utility Meeting
86	86	157+35.5	rt	28.0				
87	87	158+83.0	rt	29.0				
88	88	160+34.0	rt	24.5				
89.1	89.1	161+74.0	lt	28.0				
89	89	161+76.0	rt	20.5				
90	90	163+27.5	rt	29.0				
91	91	164+83.0	rt	31.5				
14.1				#REF!	**????**	**rt**		New pole to replace tree attachment for service. (Locate in field)
Webb Road								
1	1	10+58.0	rt	19	**10+53.0**	**rt**	**22**	Set at new station & offset. (Move 9' back station in line with CMP 24 and CMP 1 1/2)
1 1/2	1 1/2	11+56.0	rt	14				Existing location OK, beyond project limits.

SPECIAL PROVISION

SECTION 602

FLOWABLE CONCRETE FILL

Description This work shall consist of providing and placing flowable concrete fill at the locations designated on the plans.

MATERIALS

Materials shall conform to the requirements specified in the following Subsections of Division 700 — Materials:

Portland Cement	701.01
Water	701.02
Air Entraining Admixtures	701.03
Fine Aggregate	703.01
FlyAsh	701.10
Water Reducing Admixtures	701.04
Accelerating Admixtures	AASHTO M-194 Type "C"

CONSTRUCTION REQUIREMENTS

Composition and Proportioning Flowable concrete fill shall be composed of a homogeneous mixture of Portland cement and/or pozzolans, fine aggregate, water, and chemical admixtures proportioned according to these specifications.

The flowable concrete fill shall be proportioned to produce a 28-day compressive strength of 760 kPa [110 psi].

The water cement ratio for flowable concrete fill shall not be high enough to cause segregation of the mix.

Air content of 5 to 15% is the target. Higher air contents may be acceptable but will increase set time. All flowable concrete fill shall be air entrained by the addition of an air entraining admixture or other chemical admixtures.

At least 30 days prior to the first placement, a flowable concrete fill mix design shall be submitted by the Contractor to the Department for approval. No flowable concrete fill shall be placed on the project until the mix design is approved by the Department. At a minimum, the mix design submitted by the Contractor shall include the following:

A. Target water cement ratio

B. Target strength

C. Target air content

Quality Control Process control measurements of air content, mix temperature, and slump shall be performed on the portion or portions of flowable concrete fill batches delivered to the site. At least one set of measurements for air content, temperature, and slump of flowable concrete fill mix shall be performed per placement or per day, whichever is less frequent. Test cylinders will not be required.

Air content shall be measured following the requirements of AASHTO T152 utilizing Type B equipment.

Slump shall be measured by Modified Slump Test as described below:

Apparatus:

Scoop, measuring tape, flat edge, 75 mm x 150 mm cylinder mold open at both ends, and a flat non-absorbent surface.

Procedure:

1. Set cylinder upright on flat non-absorbent surface.

2. Scoop representative sample of flowable concrete fill.

3. Fill the cylinder, with the sample in one lift without tamping. Strike off the top with the flat edge to form a level surface.

4. Clear any residue from around the bottom of the cylinder.

5. During a count of three seconds, lift the cylinder straight up allowing the sample to spread on the flat surface.

6. Measure the spread diameter to the nearest 15 mm [⅝ in]. A spread of 225-350 mm [9 to 14 in] is considered flowable.

Batching Measuring and batching of materials shall be performed at an approved batching plant, either commercial or otherwise.

Mixing and Delivery The Contractor shall provide a Certificate of Compliance as described in Standard Specification 502 Structural Concrete, Section 502.0501 Quality Control METHOD A, METHOD B and METHOD C for each truckload of flowable concrete fill.

Cold Weather Placement The requirements of Standard Specification 502 Structural Concrete, Section 502.08 Cold Weather Concrete, amended as follows, apply.

The Cold Weather Temperature Table does not apply to flowable concrete fill. The minimum concrete temperature as placed shall be 4.40°C [40 °F]. No housing framework or heating will be required when placed under approved cold weather conditions.

Forms and Containment Berms When necessary to contain flowable concrete fill within a defined area, berms shall be constructed of compacted granular material

Placing Flowable Concrete Fill Flowable concrete fill shall not be placed until forms and/or containment berms have been checked and approved. Flow able concrete fill shall not be placed under water. The method and sequence of placing flowable concrete fill shall be approved by the Department before any flowable concrete fill is placed. A

technical representative from the flowable concrete fill supplier shall be present during the initial placement.

All flowable concrete fill shall be placed before it has taken its initial set. Flow able concrete fill shall be placed in such a manner as to avoid separation and segregation of the mix.

Consolidation, tamping, and vibration is not required or allowed.

Flow able concrete fill shall be discharged directly from the truck into the space to be filled. The drop height of the flowable concrete fill shall be as low as practicable. Flow able concrete fill shall not flow down the vertical face of a trench causing erosion of the trench face.

Finishing and curing of flowable concrete fill is not required.

Flow able concrete fill placed will not be opened to traffic or covered with structural concrete or pavement for a minimum of 24 hours.

Method of Measurement Flow able concrete fill satisfactorily placed and accepted will be measured by the cubic meter, in accordance with the pay limits established, if such limits have been established, If the Contractor elects to omit forms, or berms, then any excavation or flowable concrete fill placed beyond the pay limits indicated on the Plans shall not be paid for, but shall be at the Contractor's expense. In the absence of pay limits, the Resident may use discretion to accept the delivered quantity as the measurement for payment.

Basis of Payment The accepted work done under flowable concrete fill will be paid for at the contract unit price per cubic meter. Payment will be full compensation for furnishing and placing flowable concrete fill, including all forms, berms, granular material, pumping, dewatering and necessary incidentals.

Payment will be made under:

Pay Item	Pay Unit
602.30 Flowable Concrete Fill	Cubic Meter