

STATE OF NEBRASKA
DEPARTMENT OF ROADS
ADDENDUM NO. 1
PROJECT NOS. EACSTPE-3925(1) & EACSTPE-3925(2)
CONTROL NOS. 31305 & 31306
CALL ORDER F13
ON A COUNTY ROAD, NORTHEAST OF HUBBARD &
SOUTHWEST OF JACKSON
LETTING DATE: APRIL 18, 2002

The Special Provisions are amended to include the following:

**47B CONCRETE PAVEMENTS AND
47BD CONCRETE FOR BRIDGES
(S10-4A-0302)**

General

Section 1002 in the 1997 Standard Specifications and Supplemental Specifications is amended to include the following:

For the purpose of this Special Provision, Type IPN shall mean Type IP cement made with 15 to 25 percent natural pozzolan and Type IPF shall mean Type IP cement made with 15 to 25 percent Class F fly ash. All cements must conform to the requirements of Section 1004 in the 1997 Standard Specifications and Supplemental Specifications.

47BD Concrete for Bridges and Barriers

The 47BD concrete used in bridge decks, approach slabs, bridge rails, and barriers shall be proportioned using one of the alternates shown in Table I.

TABLE I (ENGLISH)
CLASS 47BD CONCRETE PROPORTIONS

Alt.	Cement Type	Pounds of Cement per Cu.Yd.	Pounds of Class F Fly Ash	Air Content Percent		Pounds of Total Agg. per Cu.Yd.		Ratio of Total Agg. Percent	Type of Coarse Agg.
				Min.	Max.	Min.	Max.		
1	I or II	590	130 Min.	5.0	7.5	2530	2950	30±3	Limestone
2	IPN	658	0*	5.0	7.5	2530	2950	30±3	Limestone
3	IPF	658	0**	5.0	7.5	2530	2950	30±3	Limestone

TABLE I (METRIC)
 CLASS 47BD CONCRETE PROPORTIONS

Alt.	Cement Type	Kg of Cement per Cu. Meter	Kg of Class F Fly Ash	Air Content Percent		Kg of Total Agg. per Cu.Meter		Ratio of Total Agg. Percent	Type of Coarse Agg.
				Min.	Max.	Min.	Max.		
1	I or II	350	77 Min.	5.0	7.5	1500	1750	30±3	Limestone
2	IPN	390	0*	5.0	7.5	1500	1750	30±3	Limestone
3	IPF	390	0**	5.0	7.5	1500	1750	30±3	Limestone

* Class C or F fly ash may be substituted in the mix design provided the total pozzolan content does not exceed 25 percent. The mix may be modified by substituting an amount of fly ash equal to the weight of cement removed.

** No additional fly ash substitution is allowed.

Water reducing and set retarding admixtures shall be used in accordance with the manufacturer's recommendations of dosage rates.

47B Concrete Pavements

The 47B concrete used in concrete pavements shall be proportioned using one of the alternates shown in Table II.

TABLE II (ENGLISH)
 CLASS 47B CONCRETE PAVEMENT PROPORTIONS

Alt.	Cement Type	Pounds of Cement per Cu.Yd.	Pounds of Class F Fly Ash	Air Content Percent		Pounds of Total Agg. per Cu.Yd.		Ratio of Total Agg. Percent	Type of Coarse Agg.
				Min.	Max.	Min.	Max.		
1	I or II	510	110 Min.	5.0	7.5	2876	3130	30±3	Limestone
2	IPN	564*	0*	5.0	7.5	2876	3130	30±3	Limestone
3	IPF	564**	0**	5.0	7.5	2876	3130	30±3	Limestone

TABLE II (METRIC)
 CLASS 47B CONCRETE PAVEMENT PROPORTIONS

Alt.	Cement Type	Kg of Cement per Cu. Meter	Kg of Class F Fly Ash	Air Content Percent		Kg of Total Agg. per Cu.Meter		Ratio of Total Agg. Percent	Type of Coarse Agg.
				Min.	Max.	Min.	Max.		
1	I or II	303	65 Min.	5.0	7.5	1706	1857	30±3	Limestone
2	IPN	335*	0*	5.0	7.5	1706	1857	30±3	Limestone
3	IPF	335**	0**	5.0	7.5	1706	1857	30±3	Limestone

* Class C or F fly ash may be substituted in the mix design provided the total pozzolan content does not exceed 25 percent. The mix may be modified by substituting an amount of fly ash equal to the weight of cement removed.

** No additional fly ash substitution is allowed.

Water reducing admixtures shall be used in accordance with the manufacturer's recommendations of dosage rates.

* * * * *

Due to the poor quality of the roadway cross-sections for Project EACSTPE-3925(1) and the illegible Cut and Fill numbers shown on these cross-sections, the Special Provisions are amended to include the following earthwork computations for this project:

METRIC EARTHWORK COMPUTATIONS
 HUBBARD NORTHEAST
 MAINLINE

Project No. STPE-3925(1)
 Preliminary Quantities

EXCAVATION						EMBANKMENT			
STA.	DIST.	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters
100.000	0.00	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
150.000	50.00	8.600	8.600	4.300	215.00	1.100	1.100	0.550	27.50
175.000	25.00	4.900	13.500	6.750	168.75	1.400	2.500	1.250	31.25
200.000	25.00	4.300	9.200	4.600	115.00	1.400	2.800	1.400	35.00
225.000	25.00	3.000	7.300	3.650	91.25	1.600	3.000	1.500	37.50
250.000	25.00	1.300	4.300	2.150	53.75	3.200	4.800	2.400	60.00
275.000	25.00	0.700	2.000	1.000	25.00	6.700	9.900	4.950	123.75
300.000	25.00	0.000	0.700	0.350	8.75	9.800	16.500	8.250	206.25
325.000	25.00	0.000	0.000	0.000	0.00	12.100	21.900	10.950	273.75
350.000	25.00	0.000	0.000	0.000	0.00	14.300	26.400	13.200	330.00
375.000	25.00	3.200	3.200	1.600	40.00	4.700	19.000	9.500	237.50
400.000	25.00	13.500	16.700	8.350	208.75	0.000	4.700	2.350	58.75
425.000	25.00	33.800	47.300	23.650	591.25	0.000	0.000	0.000	0.00
450.000	25.00	56.600	90.400	45.200	1130.00	0.000	0.000	0.000	0.00
456.500	6.50	56.900	113.500	56.750	368.88	0.000	0.000	0.000	0.00
475.000	18.50	37.200	94.100	47.050	870.43	0.000	0.000	0.000	0.00
500.000	25.00	21.200	58.400	29.200	730.00	0.000	0.000	0.000	0.00
525.000	25.00	6.400	27.600	13.800	345.00	0.200	0.200	0.100	2.50
550.000	25.00	0.500	6.900	3.450	86.25	0.900	1.100	0.550	13.75
571.700	21.70	0.200	0.700	0.350	7.60	1.400	2.300	1.150	24.96
580.000	8.30	0.200	0.400	0.200	1.66	3.800	5.200	2.600	21.58
590.000	10.00	0.500	0.700	0.350	3.50	4.100	7.900	3.950	39.50
600.000	10.00	0.900	1.400	0.700	7.00	6.400	10.500	5.250	52.50
610.000	10.00	0.900	1.800	0.900	9.00	9.300	15.700	7.850	78.50
620.000	10.00	1.400	2.300	1.150	11.50	11.400	20.700	10.350	103.50
630.000	10.00	1.000	2.400	1.200	12.00	15.200	26.600	13.300	133.00
640.000	10.00	3.200	4.200	2.100	21.00	18.200	33.400	16.700	167.00
654.000	14.00	4.500	7.700	3.850	53.90	24.100	42.300	21.150	296.10
675.000	21.00	5.500	10.000	5.000	105.00	23.600	47.700	23.850	500.85
700.000	25.00	10.100	15.600	7.800	195.00	23.800	47.400	23.700	592.50
725.000	25.00	12.300	22.400	11.200	280.00	29.200	53.000	26.500	662.50
750.000	25.00	10.800	23.100	11.550	288.75	28.100	57.300	28.650	716.25
800.000	50.00	30.900	41.700	20.850	1042.50	33.200	61.300	30.650	1532.50
825.000	25.00	25.300	56.200	28.100	702.50	45.000	78.200	39.100	977.50
850.000	25.00	21.900	47.200	23.600	590.00	33.800	78.800	39.400	985.00

METRIC EARTHWORK COMPUTATIONS
 HUBBARD NORTHEAST
 MAINLINE

Project No. STPE-3925(1)
 Preliminary Quantities

EXCAVATION						EMBANKMENT			
STA.	DIST.	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters
875.000	25.00	24.300	46.200	23.100	577.50	37.600	71.400	35.700	892.50
897.000	22.00	25.500	49.800	24.900	547.80	24.900	62.500	31.250	687.50
900.000	3.00	24.500	50.000	25.000	75.00	27.100	52.000	26.000	78.00
907.200	7.20	27.500	52.000	26.000	187.20	25.200	52.300	26.150	188.28
950.000	42.80	10.000	37.500	18.750	802.50	10.700	35.900	17.950	768.26
975.000	25.00	5.200	15.200	7.600	190.00	4.700	15.400	7.700	192.50
1000.000	25.00	4.000	9.200	4.600	115.00	2.300	7.000	3.500	87.50
1025.000	25.00	1.500	5.500	2.750	68.75	4.400	6.700	3.350	83.75
1050.000	25.00	0.700	2.200	1.100	27.50	3.100	7.500	3.750	93.75
1075.000	25.00	2.800	3.500	1.750	43.75	0.200	3.300	1.650	41.25
1100.000	25.00	5.800	8.600	4.300	107.50	0.000	0.200	0.100	2.50
1125.000	25.00	6.800	12.600	6.300	157.50	0.000	0.000	0.000	0.00
1150.000	25.00	8.700	15.500	7.750	193.75	0.000	0.000	0.000	0.00
1175.000	25.00	7.100	15.800	7.900	197.50	0.000	0.000	0.000	0.00
1200.000	25.00	6.200	13.300	6.650	166.25	0.100	0.100	0.050	1.25
1225.000	25.00	6.600	12.800	6.400	160.00	0.600	0.700	0.350	8.75
1250.000	25.00	5.200	11.800	5.900	147.50	0.100	0.700	0.350	8.75
1275.000	25.00	3.300	8.500	4.250	106.25	2.000	2.100	1.050	26.25
1300.000	25.00	2.900	6.200	3.100	77.50	9.600	11.600	5.800	145.00
1325.000	25.00	2.800	5.700	2.850	71.25	9.200	18.800	9.400	235.00
1350.000	25.00	0.700	3.500	1.750	43.75	8.600	17.800	8.900	222.50
1400.000	50.00	2.600	3.300	1.650	82.50	10.000	18.600	9.300	465.00
1425.000	25.00	2.600	5.200	2.600	65.00	11.200	21.200	10.600	265.00
1457.500	32.50	7.300	9.900	4.950	160.88	7.700	18.900	9.450	307.13
1487.200	29.70	13.200	20.500	10.250	304.43	1.300	9.000	4.500	133.65
1500.000	12.80	8.300	21.500	10.750	137.60	0.300	1.600	0.800	10.24
1508.700	8.70	14.900	23.200	11.600	100.92	0.000	0.300	0.150	1.31
1512.200	3.50	15.900	30.800	15.400	53.90	0.000	0.000	0.000	0.00
1525.000	12.80	15.800	31.700	15.850	202.88	0.000	0.000	0.000	0.00
1550.000	25.00	5.800	21.600	10.800	270.00	0.000	0.000	0.000	0.00
1575.000	25.00	4.200	10.000	5.000	125.00	0.000	0.000	0.000	0.00
1600.000	25.00	2.700	6.900	3.450	86.25	1.300	1.300	0.650	16.25
1625.000	25.00	1.300	4.000	2.000	50.00	2.700	4.000	2.000	50.00
1650.000	25.00	2.800	4.100	2.050	51.25	3.900	6.600	3.300	82.50
1675.000	25.00	2.700	5.500	2.750	68.75	4.100	8.000	4.000	100.00

METRIC EARTHWORK COMPUTATIONS
 HUBBARD NORTHEAST
 MAINLINE

Project No. STPE-3925(1)
 Preliminary Quantities

		EXCAVATION				EMBANKMENT			
STA.	DIST.	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters
1700.000	25.00	2.000	4.700	2.350	58.75	2.600	6.700	3.350	83.75
1728.000	28.00	1.500	3.500	1.750	49.00	2.000	4.600	2.300	64.40
1735.000	7.00	1.300	2.800	1.400	9.80	0.400	2.400	1.200	8.40
1775.000	40.00	1.400	2.700	1.350	54.00	1.000	1.400	0.700	28.00
1800.000	25.00	3.400	4.800	2.400	60.00	1.700	2.700	1.350	33.75
1825.000	25.00	0.000	3.400	1.700	42.50	2.300	4.000	2.000	50.00
1845.900	20.90	1.800	1.800	0.900	18.81	9.900	12.200	6.100	127.49
1845.900	0.00	0.000	1.800	0.900	0.00	0.000	9.900	4.950	0.00
1853.100	7.20	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
1853.100	0.00	2.100	2.100	1.050	0.00	15.600	15.600	7.800	0.00
1875.000	21.90	0.000	2.100	1.050	23.00	3.200	18.800	9.400	205.86
1900.000	25.00	0.300	0.300	0.150	3.75	4.400	7.600	3.800	95.00
1950.000	50.00	1.700	2.000	1.000	50.00	1.200	5.600	2.800	140.00
1975.000	25.00	0.000	1.700	0.850	21.25	6.500	7.700	3.850	96.25
2000.000	25.00	1.600	1.600	0.800	20.00	5.500	12.000	6.000	150.00
2024.800	24.80	8.200	9.800	4.900	121.52	2.300	7.800	3.900	96.72
2040.000	15.20	6.200	14.400	7.200	109.44	3.100	5.400	2.700	41.04
2050.000	10.00	4.300	10.500	5.250	52.50	4.500	7.600	3.800	38.00
2060.000	10.00	4.900	9.200	4.600	46.00	5.000	9.500	4.750	47.50
2070.000	10.00	3.400	8.300	4.150	41.50	5.500	10.500	5.250	52.50
2080.000	10.00	3.400	6.800	3.400	34.00	6.100	11.600	5.800	58.00
2090.000	10.00	3.500	6.900	3.450	34.50	6.900	13.000	6.500	65.00
2100.000	10.00	4.300	7.800	3.900	39.00	5.900	12.800	6.400	64.00
2130.000	30.00	4.600	8.900	4.450	133.50	7.900	13.800	6.900	207.00
2140.000	10.00	4.000	8.600	4.300	43.00	8.800	16.700	8.350	83.50
2150.000	10.00	3.700	7.700	3.850	38.50	10.100	18.900	9.450	94.50
2160.000	10.00	3.800	7.500	3.750	37.50	10.000	20.100	10.050	100.50
2180.000	20.00	4.400	8.200	4.100	82.00	7.900	17.900	8.950	179.00
2190.000	10.00	3.700	8.100	4.050	40.50	7.900	15.800	7.900	79.00
2200.000	10.00	2.700	6.400	3.200	32.00	7.000	14.900	7.450	74.50
2210.000	10.00	1.800	4.500	2.250	22.50	4.100	11.100	5.550	55.50
2220.000	10.00	0.900	2.700	1.350	13.50	4.900	9.000	4.500	45.00
2230.900	10.90	1.100	2.000	1.000	10.90	3.200	8.100	4.050	44.15
2250.000	19.10	0.800	1.900	0.950	18.14	3.700	6.900	3.450	65.89
2275.000	25.00	2.000	2.800	1.400	35.00	0.600	4.300	2.150	53.75

METRIC EARTHWORK COMPUTATIONS
 HUBBARD NORTHEAST
 MAINLINE

Project No. STPE-3925(1)
 Preliminary Quantities

EXCAVATION						EMBANKMENT			
STA.	DIST.	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters
2300.000	25.00	2.200	4.200	2.100	52.50	0.200	0.800	0.400	10.00
2375.000	75.00	0.700	2.900	1.450	108.75	2.500	2.700	1.350	101.25
2425.000	50.00	0.000	0.700	0.350	17.50	2.500	5.000	2.500	125.00
2450.000	25.00	0.300	0.300	0.150	3.75	1.600	4.100	2.050	51.25
2460.000	10.00	0.900	1.200	0.600	6.00	1.000	2.600	1.300	13.00
2470.000	10.00	0.400	1.300	0.650	6.50	0.600	1.600	0.800	8.00
2480.000	10.00	2.100	2.500	1.250	12.50	5.400	6.000	3.000	30.00
2500.000	20.00	0.500	2.600	1.300	26.00	3.200	8.600	4.300	86.00
2525.000	25.00	0.500	1.000	0.500	12.50	1.900	5.100	2.550	63.75
2536.400	11.40	0.800	1.300	0.650	7.41	0.800	2.700	1.350	15.39
2566.000	29.60	6.500	7.300	3.650	108.04	0.000	0.800	0.400	11.84
2600.000	34.00	5.200	11.700	5.850	198.90	0.000	0.000	0.000	0.00
2625.000	25.00	4.400	9.600	4.800	120.00	0.000	0.000	0.000	0.00
2650.000	25.00	4.600	9.000	4.500	112.50	0.000	0.000	0.000	0.00
2675.000	25.00	5.800	10.400	5.200	130.00	0.000	0.000	0.000	0.00
2700.000	25.00	3.300	9.100	4.550	113.75	0.000	0.000	0.000	0.00
2725.000	25.00	2.000	5.300	2.650	66.25	0.600	0.600	0.300	7.50
2750.000	25.00	1.600	3.600	1.800	45.00	0.600	1.200	0.600	15.00
2775.000	25.00	0.900	2.500	1.250	31.25	2.800	3.400	1.700	42.50
2800.000	25.00	1.600	2.500	1.250	31.25	0.500	3.300	1.650	41.25
2827.800	27.80	1.200	2.800	1.400	38.92	1.400	1.900	0.950	26.41
2850.000	22.20	7.600	8.800	4.400	97.68	0.000	1.400	0.700	15.54
2882.500	32.50	10.200	17.800	8.900	289.25	0.000	0.000	0.000	0.00
2925.000	42.50	0.900	11.100	5.550	235.88	2.800	2.800	1.400	59.50
2950.000	25.00	0.000	0.900	0.450	11.25	3.000	5.800	2.900	72.50
2977.800	27.80	0.000	0.000	0.000	0.00	4.100	7.100	3.550	98.69
3010.224	32.42	1.500	1.500	0.750	24.32	4.600	8.700	4.350	141.04
3025.000	14.78	0.900	2.400	1.200	17.73	3.100	7.700	3.850	56.89
3050.000	25.00	4.500	5.400	2.700	67.50	0.200	3.300	1.650	41.25
3075.000	25.00	6.100	10.600	5.300	132.50	0.000	0.200	0.100	2.50
3100.000	25.00	7.000	13.100	6.550	163.75	0.000	0.000	0.000	0.00
3125.000	25.00	6.600	13.600	6.800	170.00	0.000	0.000	0.000	0.00
3150.000	25.00	5.400	12.000	6.000	150.00	0.000	0.000	0.000	0.00
3167.548	17.55	5.400	10.800	5.400	94.76	0.000	0.000	0.000	0.00
3225.000	57.45	6.000	11.400	5.700	327.48	1.400	1.400	0.700	40.22

METRIC EARTHWORK COMPUTATIONS
 HUBBARD NORTHEAST
 MAINLINE

Project No. STPE-3925(1)
 Preliminary Quantities

		EXCAVATION				EMBANKMENT			
STA.	DIST.	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters
3250.000	25.00	3.500	9.500	4.750	118.75	5.600	7.000	3.500	87.50
3275.000	25.00	4.700	8.200	4.100	102.50	5.300	10.900	5.450	136.25
3300.000	25.00	3.800	8.500	4.250	106.25	6.100	11.400	5.700	142.50
3318.800	18.80	3.200	7.000	3.500	65.80	2.800	8.900	4.450	83.66
3350.000	31.20	1.900	5.100	2.550	79.56	0.500	3.300	1.650	51.48
3375.000	25.00	2.800	4.700	2.350	58.75	0.000	0.500	0.250	6.25
3398.000	23.00	2.900	5.700	2.850	65.55	0.800	0.800	0.400	9.20
3425.000	27.00	2.400	5.300	2.650	71.55	2.900	3.700	1.850	49.95
3450.000	25.00	0.800	3.200	1.600	40.00	1.300	4.200	2.100	52.50
3475.000	25.00	1.100	1.900	0.950	23.75	0.700	2.000	1.000	25.00
3480.000	5.00	0.000	1.100	0.550	2.75	0.000	0.700	0.350	1.75
				887.400	19364.98			823.400	17965.85

METRIC EARTHWORK COMPUTATIONS
 HUBBARD NORTHEAST
 TEMP ACCESS RD RT

Project No. STPE-3925(1)
 Preliminary Quantities

		EXCAVATION				EMBANKMENT			
STA.	DIST.	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters
905.000	0.00	0.000	0.000	0.000	0.00	0.000	0.000	0.000	0.00
950.000	45.00	0.000	0.000	0.000	0.00	6.400	6.400	3.200	144.00
975.000	25.00	0.000	0.000	0.000	0.00	7.100	13.500	6.750	168.75
1000.000	25.00	0.000	0.000	0.000	0.00	7.200	14.300	7.150	178.75
1025.000	25.00	0.000	0.000	0.000	0.00	7.300	14.500	7.250	181.25
1050.000	25.00	0.000	0.000	0.000	0.00	6.600	13.900	6.950	173.75
1075.000	25.00	0.000	0.000	0.000	0.00	6.000	12.600	6.300	157.50
1100.000	25.00	0.000	0.000	0.000	0.00	3.600	9.600	4.800	120.00
1125.000	25.00	0.000	0.000	0.000	0.00	2.100	5.700	2.850	71.25
1150.000	25.00	0.000	0.000	0.000	0.00	2.200	4.300	2.150	53.75
1175.000	25.00	0.000	0.000	0.000	0.00	2.300	4.500	2.250	56.25
1200.000	25.00	0.000	0.000	0.000	0.00	3.000	5.300	2.650	66.25
1225.000	25.00	0.000	0.000	0.000	0.00	3.800	6.800	3.400	85.00
1250.000	25.00	0.000	0.000	0.000	0.00	3.500	7.300	3.650	91.25
1275.000	25.00	0.000	0.000	0.000	0.00	5.300	8.800	4.400	110.00
1300.000	25.00	0.000	0.000	0.000	0.00	6.900	12.200	6.100	152.50
1325.000	25.00	0.000	0.000	0.000	0.00	6.600	13.500	6.750	168.75
1336.000	11.00	0.000	0.000	0.000	0.00	6.700	13.300	6.650	73.15
1340.500	4.50	0.000	0.000	0.000	0.00	7.000	13.700	6.850	30.83
1350.000	9.50	0.000	0.000	0.000	0.00	6.600	13.600	6.800	64.60
1380.600	30.60	0.000	0.000	0.000	0.00	5.900	12.500	6.250	191.25
1388.400	7.80	0.000	0.000	0.000	0.00	5.900	11.800	5.900	46.02
				0.000	0.00			109.050	2384.85

METRIC EARTHWORK COMPUTATIONS
 HUBBARD NORTHEAST
 TEMP ACCESS RD LT

Project No. STPE-3925(1)
 Preliminary Quantities

		EXCAVATION				EMBANKMENT				
STA.	DIST.	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters	
2405.000	0.00	0.000	0.000	0.000	0.00	3.000	3.000	1.500	0.00	
2425.000	20.00	0.000	0.000	0.000	0.00	3.000	6.000	3.000	60.00	
2431.900	6.90	0.000	0.000	0.000	0.00	2.800	5.800	2.900	20.01	
2435.700	3.80	0.000	0.000	0.000	0.00	2.900	5.700	2.850	10.83	
2450.000	14.30	0.000	0.000	0.000	0.00	3.100	6.000	3.000	42.90	
2460.000	10.00	0.000	0.000	0.000	0.00	3.200	6.300	3.150	31.50	
2470.000	10.00	0.000	0.000	0.000	0.00	3.400	6.600	3.300	33.00	
2480.000	10.00	0.000	0.000	0.000	0.00	1.200	4.600	2.300	23.00	
2500.000	20.00	0.000	0.000	0.000	0.00	3.300	4.500	2.250	45.00	
2525.000	25.00	0.000	0.000	0.000	0.00	3.100	6.400	3.200	80.00	
2536.400	11.40	0.000	0.000	0.000	0.00	0.900	4.000	2.000	22.80	
2568.700	32.30	0.000	0.000	0.000	0.00	0.900	1.800	0.900	29.07	
				0.000	0.00				30.350	398.11

METRIC EARTHWORK COMPUTATIONS
 HUBBARD NORTHEAST
 TEMP ACCESS RD RT

Computed by: L. Guy
 Checked by: D. Upton

Project No. STPE-3925(1)
 Preliminary Quantities

		EXCAVATION				EMBANKMENT			
STA.	DIST.	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters
2561.000	0.00	0.000	0.000	0.000	0.00	19.200	19.200	9.600	0.00
2566.000	5.00	0.000	0.000	0.000	0.00	19.200	38.400	19.200	96.00
2570.300	4.30	0.000	0.000	0.000	0.00	16.400	35.600	17.800	76.54
2574.300	4.00	0.000	0.000	0.000	0.00	15.400	31.800	15.900	63.60
2583.400	9.10	0.000	0.000	0.000	0.00	15.400	30.800	15.400	140.14
2600.000	16.60	0.000	0.000	0.000	0.00	9.000	24.400	12.200	202.52
2625.000	25.00	0.000	0.000	0.000	0.00	10.700	19.700	9.850	246.25
2650.000	25.00	0.000	0.000	0.000	0.00	10.000	20.700	10.350	258.75
2675.000	25.00	0.000	0.000	0.000	0.00	11.400	21.400	10.700	267.50
2700.000	25.00	0.000	0.000	0.000	0.00	10.900	22.300	11.150	278.75
2725.000	25.00	0.000	0.000	0.000	0.00	10.600	21.500	10.750	268.75
2750.000	25.00	0.000	0.000	0.000	0.00	11.800	22.400	11.200	280.00
2775.000	25.00	0.000	0.000	0.000	0.00	10.400	22.200	11.100	277.50
2800.000	25.00	0.000	0.000	0.000	0.00	10.800	21.200	10.600	265.00
2827.800	27.80	0.000	0.000	0.000	0.00	12.400	23.200	11.600	322.48
2850.000	22.20	0.000	0.000	0.000	0.00	12.500	24.900	12.450	276.39
2866.200	16.20	0.000	0.000	0.000	0.00	23.500	36.000	18.000	291.60
2873.000	6.80	0.000	0.000	0.000	0.00	23.500	47.000	23.500	159.80
2875.500	2.50	0.000	0.000	0.000	0.00	22.200	45.700	22.850	57.13
2879.000	3.50	0.000	0.000	0.000	0.00	22.600	44.800	22.400	78.40
2882.500	3.50	0.000	0.000	0.000	0.00	23.700	46.300	23.150	81.03
2888.400	5.90	0.000	0.000	0.000	0.00	23.700	47.400	23.700	139.83
2895.500	7.10	0.000	0.000	0.000	0.00	18.800	42.500	21.250	150.87
2925.000	29.50	0.000	0.000	0.000	0.00	21.300	40.100	20.050	591.48
2935.000	10.00	0.000	0.000	0.000	0.00	11.300	32.600	16.300	163.00
2950.000	15.00	0.000	0.000	0.000	0.00	12.600	23.900	11.950	179.25
2977.800	27.80	0.000	0.000	0.000	0.00	14.200	26.800	13.400	372.52
2992.000	14.20	0.000	0.000	0.000	0.00	15.700	29.900	14.950	212.29
2998.000	6.00	0.000	0.000	0.000	0.00	12.800	28.500	14.250	85.50
3010.225	12.22	0.000	0.000	0.000	0.00	11.900	24.700	12.350	150.98
3025.000	14.78	0.000	0.000	0.000	0.00	10.000	21.900	10.950	161.79
3050.000	25.00	0.000	0.000	0.000	0.00	12.200	22.200	11.100	277.50

METRIC EARTHWORK COMPUTATIONS
 HUBBARD NORTHEAST
 TEMP ACCESS RD RT

Project No. STPE-3925(1)
 Preliminary Quantities

		EXCAVATION				EMBANKMENT			
STA.	DIST.	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters	End Area (S.M.)	Sum End Areas (S.M.)	Avg. End Area	Cubic Meters
3075.000	25.00	0.000	0.000	0.000	0.00	12.300	24.500	12.250	306.25
3100.000	25.00	0.000	0.000	0.000	0.00	10.900	23.200	11.600	290.00
3125.000	25.00	0.000	0.000	0.000	0.00	11.800	22.700	11.350	283.75
3150.000	25.00	0.000	0.000	0.000	0.00	13.000	24.800	12.400	310.00
3167.548	17.55	0.000	0.000	0.000	0.00	15.200	28.200	14.100	247.43
3225.000	57.45	0.000	0.000	0.000	0.00	14.000	29.200	14.600	838.80
3250.000	25.00	0.000	0.000	0.000	0.00	10.800	24.800	12.400	310.00
3275.000	25.00	0.000	0.000	0.000	0.00	9.400	20.200	10.100	252.50
3300.000	25.00	0.000	0.000	0.000	0.00	8.500	17.900	8.950	223.75
3318.800	18.80	0.000	0.000	0.000	0.00	9.800	18.300	9.150	172.02
3350.000	31.20	0.000	0.000	0.000	0.00	11.100	20.900	10.450	326.04
3375.000	25.00	0.000	0.000	0.000	0.00	12.900	24.000	12.000	300.00
3398.010	23.01	0.000	0.000	0.000	0.00	15.500	28.400	14.200	326.74
3425.000	26.99	0.000	0.000	0.000	0.00	9.400	24.900	12.450	336.03
3450.000	25.00	0.000	0.000	0.000	0.00	19.100	28.500	14.250	356.25
3480.000	30.00	0.000	0.000	0.000	0.00	0.000	19.100	9.550	286.50
				0.000	0.00			669.800	11639.18

DEPARTMENT OF ROADS

Claude Oie
 Construction Engineer

Issued: April 5, 2002

CO:F13AD104

NOTICE: Only the contractors issued bidding proposals receive this addendum and responsibility for notifying any potential subcontractors or suppliers remains with the contractor.