

EARTHWORK FORMS

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WATER APPLIED HAUL SHEET

PROJECT NO.: F-6-7(1030)				ROAD: US Highway 6		
COUNTY: Douglas				CLASS OF WORK: ① Group 1 - Grading		
TRUCK NO.: 1412		TANK NO.: 105		TANK CAPACITY: 20,150 L		DATE: 7-12-96
						SHIFT: ② 0600-1800 hr

LOAD NO.	HAULING TIME			LOADING POINT	LOCATION APPLIED	CAUSE LOST TIME
	OUT	IN	TOTAL			
1	0630	0647	17 m	Johnson Well	Sta 205.00	
2	0650	0930	2hr 40m	Johnson Well	Sta 205.25	Water line broke
3						
4						
5						
6						
7	① Put Group number for work being watered.					
8	② Put time in use if not operating on shifts.					
9	3 Have contractor fill but if inspector can't be present.					
10						
11						
12						
13						
14						
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18						
19						
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24						
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28						
29						
30						

DR Form 8, Dec 91

THIS FORM REPLACES DR FORM 8, NOV 89,
PREVIOUS EDITIONS WILL BE USED.

Date: 2-3-97
Revised:

Nebraska Department of Roads
Materials and Tests Division
Lab Worksheet

MOISTURE-DENSITY RELATIONS OF SOILS TEST METHOD: AASHTO T 99 AND T 180

DENSITY DETERMINATION								
DETERMINATION NO.	1	2	3	4	5	6	7	8
PERCENT MOISTURE ADDED	81 ml +2	76 ml +2	71 ml +2	66 ml +2	59 ml +2			
WT. WET SOIL & MOLD, gm	3866	3951	4045	4051	4001			
WT. MOLD NO. 05 gm	2031							
WT. WET SOIL, gm								
VOLUME OF MOLD, cc	940	→						
WET DENSITY, gm/cc								
DRY DENSITY, gm/cc	1.812	1.866	1.918	1.889	1.817			

MOISTURE DETERMINATION (TEST METHOD: AASHTO T 265)								
CONTAINER NO.	6	7	8	9	10			
WT. WET SOIL & CONT., gm	291.0	288.5	321.1	367.4	383.0			
WT. DRY SOIL & CONT., gm	276.0	270.6	296.0	332.9	342.9			
WT. OF WATER, gm								
WT. OF CONTAINER, gm	82.4	81.9	82.2	82.1	81.7			
WT. OF DRY SOIL, gm								
PERCENT MOISTURE	7.75	9.49	11.74	13.76	15.35			

PROJECT: AASHTO

LAB IDENT: #128 M/D CURVE NO.: I-140

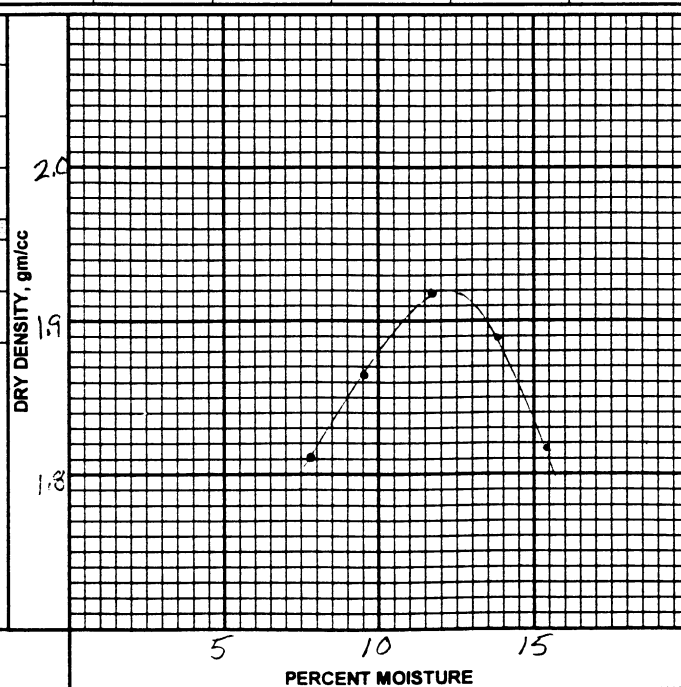
MAX. DENSITY, gm/cc: 1.920 / 119.8 lb/ft³

OPT. MOISTURE, PERCENT: 12.1

OPERATOR: Rick

DATE TESTED: 8-12-97 DATE REPORTED:

REMARKS:



FORM MT 23

PROJECT F-6-7(1030)
LOCATION Highway 6 (2 mi west of Gretna)
CONTRACTOR Cyclone Construction Company (Bob R. Gates)

(When releasing a Option Pit, use DR Form 348)

SITE RELEASE

This release is made by Dave Johnson
Owner of property located and described as follows:

SE 1/4 of Sec 27 T12 N R30 W

WITNESSETH:

That by previous lease or rental agreement, the Owner leased to Nebraska Department of Roads
(Contractor) the above land for Borrow
Material (Option Pit No. 1)
That said lease was for the term of 21 January 1997 to 21 January 1998
or until the completion of project F-6-7(1030).

That the Owner has been notified by the Contractor that the use and occupancy of the lease property is no longer needed and that the lease is terminated. Wherefore, the Owner, under the terms of the lease, acknowledges that he has carefully inspected the property that was leased by the Contractor and that he has found the property to be in a neat and presentable condition and that the Contractor has fulfilled all of the terms of the lease.

THEREFORE, the Owner, by this instrument, does release the Nebraska Department of Roads
from any and all damages that arose by the use of the property as described above. That the Owner acknowledges that he has received full payment by way of just compensation for the use, occupancy and any and all damages caused by such use and occupancy by the Contractor. That this release is effective as of this 21st day of January, 19 97.
The Owner further acknowledges that the Contractor has removed all property from the site.

Excuted this 21st day of January, 19 97

Project Manager Dave Johnson
Witness Owner

cc: Property Owner
Construction Office
District Engineer
Project Manager

1. Not required for Contractor obtained areas.
2. Complete only on Pits/Areas that Department obtains.
3. PM should get site release while Contractor still on site.

Distribution: 1. Materials & Tests Division 2. District Engineer 3. Project Manager					(Not needed if you use Nuclear Density Gauge Computer Print Out.)					PROJECT NO.: F-281-2(1009)	
STATE OF NEBRASKA DEPARTMENT OF ROADS WEEKLY REPORT OF MOISTURE AND DENSITY TESTS <i>(Eliminates the need for this information in the field notebooks)</i>					NAME OF ROAD: St Paul South						
					REPORT NO.: 30						
					WEEK ENDING: 13 July 96						
TYPE OF WORK: <i>(embankment, subgrade, foundation course, soil-aggregate base, etc.)</i> Shoulder SUBGRADE					METHOD OF COMPACTION						
					CLASS		TYPE				
					III						
COLUMN NUMBER		1	2	3	4	5	6	7	8		
Date		7-9	7-10	7-10	7-10	7-10	7-10	7-10	7-10		
Sample No.		439	440	441	442	443	444	445	446		
Curve No.		G-15	G-15	G-15	G-15	G-15	G-15	G-15	G-15		
Opt. Moist. From Curve		11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5		
Max. Dens. (Dry) from Curve		1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87		
Required Moist. Limits		As Needed	As Needed	As Needed	As Needed	As Needed	As Needed	As Needed	As Needed		
Required % of Max. Dry Dens.		100%	100%	100%	100%	100%	100%	100%	100%		
SAMPLE TAKEN AT	Station	660+00	680+00	700+00	820+00	830+00	840+00	850+00	720+00		
	Ft. Rt. or Lt. of c	SHO 4'RT	SHO 3'RT	SHO 4'RT	SHO 5'RT	SHO 4'RT	SHO 3'RT	SHO 6'RT	SHO 4'RT		
	Depth Below Finish Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade		
ACTUAL VOLUME	Final Reading (cc or cu ft)	820	880	890	860	870	850	940	910		
	Initial Reading (cc or cu ft)	410	410	410	410	410	410	410	410		
	Difference (cc or cu ft)	410	470	480	450	460	440	530	500		
	Volume of Sample (cc)	410	470	480	450	460	440	530	500		
ACTUAL MOISTURE	Wet Wt. (gms)	200	200	200	200	200	200	200	200		
	Dry Wt. (gms)	184	184	184	183	183	186	183	184		
	Loss (gms)	16	16	16	17	17	14	17	16		
	Moisture (%)	9.0	9.0	9.0	9.2	9.2	8.0	9.2	9.0		
ACTUAL DENSITY	Wet Wt. (gms)	867	978	998	942	947	890	1099	1019		
	Wet Dens. (gms/cc)	2.11	2.08	2.04	2.09	2.06	2.02	2.07	2.04		
	Dry Dens. (gms/cc)	1.94	1.91	1.87	1.91	1.89	1.87	1.89	1.87		
Maxium Density (% of)		104%	102%	100%	102%	101%	100%	101%	100%		
Thickness (GFC, SABC, etc.)		*	*	*					*		
REMARKS: Final Trim *Ck samples due to rain											
INSPECTOR:					APPROVED: (Manager)						

STATE OF NEBRASKA
DEPARTMENT OF ROADS

EARTHWORK COMPUTATIONS

Project No. F-6-7(1030)

Preliminary—Final Quantities

Sheet No. 1 of 5

①

STATION 100 m	DIS- TANCE LT m	EXCAVATION				EMBANKMENT			
		End Area Sq. Ft. m ²	Sum End Areas Sq. Ft. m ²	Sum End Areas Corrected For Dis- tance m ²	Cubic Yards meters	End Area Sq. Ft. m ²	Sum End Areas Sq. Ft. m ²	Sum End Areas Corrected For Dis- tance	Cubic Yards
360+0.0	0	0	0	0					
361+0.0	100	325	325	325					
362+0.0	100	250	575	575					
362+25	25	80	80	20					
Sum: 2.25	225	655	980	920	46,000				
① Circle Prelim or Final ② Multiply this number by 50 to get cubic meters (920x50=46,000)									
ENGLISH Example									
260+0.0	0	0	0	0					
361+0.0	100	325	325	325					
362+0.0	100	250	575	575					
362+25	25	80	80	20					
Sum 2.25	225	655	980	920	2				
2 Multiply this number by 1.8518519 to get cubic yards Divide by .54 to get cubic yards.									
Col. (Total) Col. (Total) Col. (Total) (Col. Total) (Col. Total) (Col. Total) (Col. Total) (Col. Total) (Col. Total)									

Computed by BCC

Checked by SB

DR Form 99, Oct 70

STATE OF NEBRASKA
DEPARTMENT OF ROADS

NO CONVERSIONS WITH METRIC UNITS

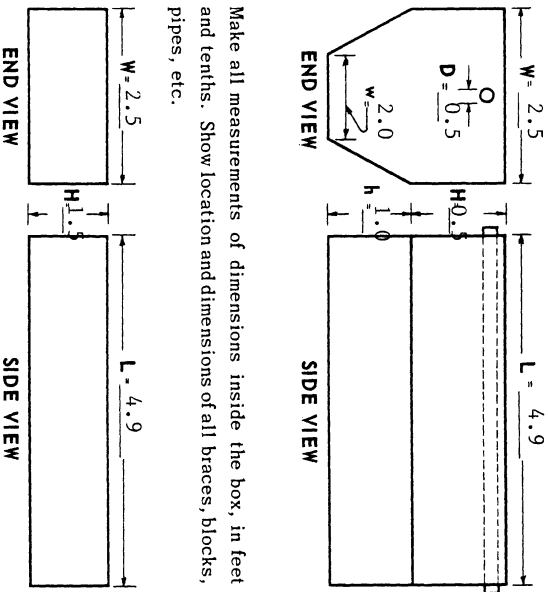
TRUCK CAPACITY COMPUTATIONS

Truck No. 2412 License No. 7810 Material Being Hauled Gravel

Project No. F-6-7(1030) Contractor Cyclone Construction Co

RT License No. (N.A.) 7810 Truck Owner James Baker

License Capacity (N.A.) 7810 Tons Date 6-20-96



If box is not trapezoidal or rectangular, show by a detailed sketch on reverse side of this sheet, all dimensions and computations.

TRAPEZOIDAL BOX

$$\text{Gross Volume} = \left[\left(\frac{W \times H}{2} + \left(\frac{W + w}{2} \times h \right) \right) \times L \right] \times \frac{4.9}{27} = 17.15 \text{ cu. yds.}$$

$$\text{Deduction for pipe} = 3.14 \times \frac{D^2}{4} \times \frac{L}{4} \times \frac{4.9}{27} = 0.31 \text{ cu. ft. m}$$

$$\text{Net Volume} = 17.15 - 2.41 = 14.74 \text{ cu. ft. m}$$

RECTANGULAR BOX

$$\text{Gross Volume} = W \times H \times L = 2.5 \times 0.5 \times 4.9 = 6.13 \text{ cu. ft. m}$$

$$\text{Deductions} = \text{None} = 0 \text{ cu. ft. m}$$

$$\text{Net Volume} = 6.13 - 0 = 6.13 \text{ cu. ft. m}$$

This truck box was built by MACK Serial No. J-187S51 and the measurements and capacity as shown on Sketch No. 1.1 capacity of 20.85 m³ ~~cu. yds.~~ have been checked and verified.

This is to certify that we will accept payment for 20.85 m³ cubic yards per load measured in this box rather than reduce the capacity.

Cyclone Construction Co By L.A.A. Freeswing Address NDR D-1

Contractor

Owner-Superintendent Checked by James Sharper PM Const Tech III

Date 2-7-96 Title

MOISTURE DENSITY TEST

AASHTO T-99, METHOD

DENSITY DETERMINATION								
DETERMINATION NUMBER	1	2	3	4	5	6	7	8
PERCENT MOISTURE ADDED	4	6	8	10	12			
WT. WET SOIL & MOLD, GM	3742	3838	3937	3942	3908			
WT. MOLD NO. GM	2036	-----						
WT. WET SOIL, GM								
VOLUME OF MOLD, CC.	940	-----						
WET DENSITY, GM/CC								
DRY DENSITY, GM/CC	1.610	1.668	1.726	1.701	1.642			

MOISTURE DETERMINATION								
CONTAINER NO.	1	2	3	4	5			
WT. WET SOIL & CONT., GM	348.1	394.3	404.6	394.7	430.9			
WT. DRY SOIL & CONT., GM	318.1	353.8	357.4	344.2	369.6			
WT. OF WATER, GM								
WT. OF CONTAINER, GM	82.1	82.1	82.9	81.4	81.7			
WT. OF DRY SOIL, GM								
PERCENT MOISTURE	12.7	14.9	17.2	19.2	21.3			

PROJECT: 6-6(126) and L80H(105)	DRY DENSITY, GRAMS PER CC.	
LAB. IDENT.: S95-381		
SPECIFIC GRAVITY:		
MAX. DENSITY, GM/CC: 1.73		
OPT. MOISTURE, PERCENT: 17.2		
OPERATOR: Allen		
DATE: 7-27-95		
REMARKS: MDC#G-119		

Final Status Material & Site Releases

White - L. O. Final Section
Yellow - District Final Review
Pink - Project Manager

PROJECT NO. F-81-1(1018)					DATE 7-11-96				
CONTRACTOR Cyclone Construction Company					GROUP NO. 1				

INSTRUCTIONS

(Refer to the Construction Manual, Pages 123 and 124)

Circle the number in the "Material or Site From" column that applies.

- 1 - Project Right of Way Limits
- 2 - Commercial Producer
- 3 - Railroad Property
- 4 - Private Property
- 5 - City or County (Other than project right-of-way)

Numbers 1 and 2 are the only "Material or Site From" locations which do not require a site release. Letters to the Right of Way Office with a copy to the Construction Office are necessary for all option pits whether used or not. If options other than free are noted and used, the letter should be addressed to the contractor. A letter of concurrence from the contractor is then required.

MATERIAL OR SITE	MATERIAL OR SITE FROM 1 2 3 4 5	RELEASE REQUIRED		PLAN OPTION		ALL LETTERS FOR PLAN OPTIONS COMPLETED		REMARKS
		YES	NO	YES	NO	YES	NO	
SHOULDER MATERIAL	<u>1</u> 2 3 4 5		x		x			No action required
ROADWAY GRADING	1 <u>2</u> 3 4 5		x		x			No action required
BORROW	1 2 3 <u>4</u> 5	x		x		x		
FINE SAND	1 2 3 <u>4</u> 5		x		x			No action required
SOIL BINDER	1 2 3 4 5							
MINERAL FILLER	1 2 3 4 5							
COURSE SAND	1 2 3 4 5	(Only need site releases for Pits/Land the Department obtained.)						
SAND GRAVEL	1 2 3 4 5	(Only projects let prior to March 1995 need this form.)						
	1 2 3 4 5							
	1 2 3 4 5							
	1 2 3 4 5							
CAMP SITE	1 2 3 4 5							
PLANT SITE	1 2 3 4 5							
WASTE SITE	1 2 3 4 5							
STORAGE SITE	1 2 3 4 5							
	1 2 3 4 5							
	1 2 3 4 5							
	1 2 3 4 5							

SIGNATURE: Project Manager	DATE: 7-11-96
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DR Form 232, Jul 92

THIS FORM REPLACES DR FORM 232, OCT 79.
PREVIOUS EDITIONS WILL BE USED

20

(Check One)

☐
☒

 STATE OF NEBRASKA
 DEPARTMENT OF ROADS

**FIELD GRADATION TESTS OF GRAVEL FOR SURFACING
 AND MINERAL AGGREGATE FOR ARMOR COAT**

(Eliminates the need for this information in the field notebook)

PROJECT NUMBER:

Sheet 1 of 4

REPORT NUMBER:

P. O. #545329

NAME OF ROAD: Hwy. 59 M. P. 24.8 1/2 mile West of Jct. 121/59										COUNTY: KNOX			
PIT NUMBER:	LOCATION: NE 1/4	SECTION: 18	T..26..N	R..1W....	...6...Miles...NE of...Pierce... (Town, City, Landmark)								
NAME OF PRODUCER: Backus Sand & Gravel					CONTRACTOR: SAME								
DELIVERY POINT: Stockpile					SAMPLED FROM: SAME								
SPECIFICATIONS		SECTION:		SUBSECTION:		SPECIAL PROVISIONS		SECTION:		SUBSECTION:			
MECHANICAL ANALYSIS OF MATERIAL Spacer sieves (were) (were not) used													
DATE	SAMPLE NUMBER	WASH OR DRY TEST	DRY WEIGHT OF SAMPLE	TOTAL WEIGHT RETAINED ON SIEVE						QUANTITY OF MATERIAL REPRESENTED BY THIS TEST & CAR NUMBER	STATION		
				TOTAL PERCENT RETAINED ON SIEVE									
				1"	3/4"	3/8"	No. 4	No. 10	No. 50	No. 200			
06/20	1	DRY	Weight	50			1		37	49	50	50 cu. yd.	Stockpile
			Percent			2		74	98	100			
06/20	2		Weight	75			1		57	74	75		
			Percent			1		76	99	100			
06/20	3		Weight	37			1		28	37	37		
			Percent			1		76	100	100			
06/20	4		Weight	46			1		33	46	46		
			Percent			1		72	100	100			
06/20	5		Weight	61			1		44	60	61		
			Percent			2		72	98	100			
Computation for Deduction =				Sum of % Retained on No. 10 Sieve = 370				_____ % Deduction (From Tables in Specifications)					
				divided by Number of Tests Performed = 74				= Ave %					
								x Contract Unit Price \$ _____ =					
								Per C.Y. for Lot No. _____					
06/21	6	DRY	Weight	57			1		43	57	57	50 cu. yd.	Stockpile
			Percent			2		75	100	100			
06/21	7		Weight	62			0		46	61	62		
			Percent			0		74	98	100			
06/24	8		Weight	35			0		24	34	35		
			Percent			0		69	97	100			
06/24	9		Weight	42			1		30	41	42		
			Percent			1		71	98	100			
06/24	10		Weight	54			1		41	54	54		
			Percent			2		76	100	100			
Computation for Deduction =				Sum of % Retained on No. 10 Sieve = 365				_____ % Deduction (From Tables in Specifications)					
				divided by Number of Tests Performed = 73				= Ave %					
								x Contract Unit Price \$ _____ =					
								Per C.Y. for Lot No. _____					
SPECIFICATION RANGE				0-6		59/81		90/100		96/100			
DISTRIBUTION				Duplicate of Sample Number MA-96-2 Submitted to Lincoln Laboratory for Correlation.									
1 - Materials and Tests Division				REMARKS: (Indicate disposal of material failing Specification Requirement)									
2 - CHECK ONE													
☐ Construction Division (Submit with Final Computations)				INSPECTOR: Amy Rezac									
☒ Maintenance Division (Submit with Purchase Order)													
3 - District Engineer				APPROVED: (Project Manager) <i>Robert Shyne</i>									
4 - Project Manager													

DR Form 264, Jan 77

 THIS FORM REPLACES DR FORM 264, OCT 74.
 PREVIOUS EDITIONS WILL BE USED UNTIL EXHAUSTED.

(Form is on the computer.)

Contractor's Estimate (Fuel Adjustment Computations)

Sheet3..... of4..... Sheets

1. Lincoln Estimate File
2. Controller Division
3. Contractor
4. District Engineer
5. Project Manager

Project Number(s) EACNH-BRF-136-6 (108)
..... Beatrice East
Control Number 11141
Estimate Number 29-Additional
Estimate Date 7/21/95

Contractor: Constructors, Inc.

Contract Letting Date: November 5, 1992

Base Price Diesel Fuel @ Gallon
Current Price Diesel Fuel @ Gallon
Difference @ Gallon

Quantity Excavation this Estimate = 6,602
Quantity Excavation Previous Estimates = 6,602
Quantity Excavation this Fuel Adjustment = 0

Quantity Earthwork Measured in Embankment this Estimate =
Quantity Earthwork Measured in Embankment Previous Estimates =
Quantity Earthwork Measured in Embankment this Fuel Adjustment =

Excavation Fuel Use Factor = 0.15 Gallons @ Cubic Yard
Earthwork Measured in Embankment Fuel Use Factor = 0.20 Gallons @ Cubic Yard

Fuel Adjustment this Estimate = FCA = $QFd (Dc - Db)$

Therefore, FCA = x x

FCA = 0

Fuel Cost Adjustment this Estimate = 0
Fuel Cost Adjustment Previous Estimates = Minus \$43.91

Total Fuel Cost Adjustment this Estimate = Minus \$43.91

Remarks: Item No. 021, Excavation (Established Quantity)

..... No excavation since December, 1993.

Computed by: Don H. Hitzeman Date: 7/24/95

Checked by: Charles W. Jasa Date: 7/25/95

(Form is on the computer.)

Contractor's Estimate (Fuel Adjustment Computations)

Sheet 1 of 4 Sheets

1. Lincoln Estimate File
2. Controller Division
3. Contractor
4. District Engineer
5. Project Manager

- (1) Fuel price changes daily.
(2) Estimate date is date used to make adjustment. -- Make sure your estimate dates are current.

Project Number(s) EACNH-BRF-136-6(108)
Beatrice East
Control Number 11141
Estimate Number 29-Additional
Estimate Date 7/21/95

Contractor: Constructors Inc.

Contract Letting Date: November 5, 1992

Base Price Diesel Fuel @ Gallon
Current Price Diesel Fuel @ Gallon
Difference @ Gallon

Quantity Excavation this Estimate =
Quantity Excavation Previous Estimates =
Quantity Excavation this Fuel Adjustment =

Quantity Earthwork Measured in Embankment this Estimate =
Quantity Earthwork Measured in Embankment Previous Estimates =
Quantity Earthwork Measured in Embankment this Fuel Adjustment =

Excavation Fuel Use Factor = 0.15 Gallons @ Cubic Yard
Earthwork Measured in Embankment Fuel Use Factor = 0.20 Gallons @ Cubic Yard

Fuel Adjustment this Estimate = FCA = QFd (Dc - D_b)

Therefore, FCA = x x

FCA =

Fuel Cost Adjustment this Estimate =
Fuel Cost Adjustment Previous Estimates =

Total Fuel Cost Adjustment this Estimate =

Remarks:

Sheet No. 2 of 4	334,327.7	Cu. Yds. minus	\$ 781.81
Sheet No. 3 of 4	6,602	Cu. Yds. minus	\$ 43.91
Sheet No. 4 of 4	37,140.8	Cu. Yds. minus	\$ 218.02
Sheet No.		Cu. Yds.	\$
Totals =	378,070.5	Cu. Yds. minus	\$ 1,043.74

Computed by: Don Hitzeman Date: July 24, 1995

Checked by: Charles W. Jasa Date: July 25, 1995

DR Form 309B, Aug 92

printed on recycled paper

(Form is on the computer.)

Contractor's Estimate (Fuel Adjustment Computations)

Sheet 4 of 4 Sheets

1. Lincoln Estimate File
2. Controller Division
3. Contractor
4. District Engineer
5. Project Manager

Project Number(s) EACNH-BRF-136-6(108)
Beatrice East
Control Number 11141
Estimate Number 29-Additional
Estimate Date 7/21/95

Contractor: Constructors, Inc.

Contract Letting Date: November 5, 1992

Base Price Diesel Fuel @ Gallon
Current Price Diesel Fuel @ Gallon
Difference @ Gallon

Quantity Excavation this Estimate = 37,140.8
Quantity Excavation Previous Estimates = 41,080.0
Difference of Excavation this Fuel Adjustment = minus 3,939.2

Quantity Earthwork Measured in Embankment this Estimate =
Quantity Earthwork Measured in Embankment Previous Estimates =
Difference of Earthwork Measured in Embankment this Fuel Adjustment =

Correction Ratio = $\frac{37,140.8}{41,080.0} = 9.9041091$

Remarks: Item No. 022, Excavation Borrow

No actual excavation performed since December 1993

Correction Computation:

Estimate No. 1	thru 9 = 0	x	0.9041091	= \$	0.00
Estimate No. 10	= minus \$241.14	x	"	= \$	-218.02
Estimate No. 11	thru 29 = 0	x	"	= \$	0.00
Estimate No.	=	x		= \$	
Estimate No.	=	x		= \$	
Estimate No.	=	x		= \$	
Estimate No.	=	x		= \$	
Estimate No.	=	x		= \$	
Estimate No.	=	x		= \$	
Estimate No.	=	x		= \$	

Corrected Fuel Cost Adjustment = minus \$ 218.02

Computed by: Don Hitzeman Date: 7/24/95

Checked by: Charles W. Jasa Date: 7/25/95

DR Form 309C, Aug 85

(Form is on the computer.)

1. Lincoln Estimate File
2. Controller Division
3. Contractor
4. District Engineer
5. Project Manager

Contractor's Estimate

(Fuel Adjustment Computations)

Sheet2..... of4..... Sheets

Project Number(s) EACNH-BRF-136-6 (108)
..... Beatrice East
Control Number 11141
Estimate Number 29 - Additional
Estimate Date 7/21/95

Contractor: Constructors, Inc.

Contract Letting Date: November 5, 1995

Base Price Diesel Fuel @ Gallon
Current Price Diesel Fuel @ Gallon
Difference @ Gallon

Quantity Excavation this Estimate = 334,327.7
Quantity Excavation Previous Estimates = 316,497.0
Difference of Excavation this Fuel Adjustment = Plus 17,830.7

Quantity Earthwork Measured in Embankment this Estimate =
Quantity Earthwork Measured in Embankment Previous Estimates =
Difference of Earthwork Measured in Embankment this Fuel Adjustment =

Correction Ratio = 334,327.7 ÷ 316,497.0 = 1.0563377

Remarks: Item No. 020, Excavation
..... No actual excavation performed since Dec. 1993

Correction Computation:

Estimate No. 1 thru 9 = 0	×	1.0563377	=	\$	0.00
Estimate No. 10 = minus \$615.52	×	"	=	\$	650.20
Estimate No. 11 thru 16 = 0	×	"	=	\$	0.00
Estimate No. 17 = minus \$124.59	×	"	=	\$	131.61
Estimate No. 18 thru 29 = 0	×	"	=	\$	0.00
Estimate No. ....	×	.....	=	\$	.....
Estimate No. = .....	×	.....	=	\$	.....
Estimate No. = .....	×	.....	=	\$	.....
Estimate No. = .....	×	.....	=	\$	.....
Estimate No. = .....	×	.....	=	\$	.....

Corrected Fuel Cost Adjustment = minus \$ 781.81

Computed by: Don Hitzeman Date: 7/24/95

Checked by: Charles W. Jasa Date: 7/25/95

DR Form 309C, Aug 85

1. Lincoln Estimate File
2. Controller Division
3. Contractor
4. District Engineer
5. Project Manager

Contractor's Estimate

(Fuel Adjustment Computations)

Sheet 4 of 4 Sheets

Project Number(s) EACNH-BRF-136-6(108)
Beatrice East
 Control Number 11141
 Estimate Number 29-Additional
 Estimate Date 7/21/95

Contractor: Constructors, Inc.
 Contract Letting Date: November 5, 1992

Base Price Diesel Fuel @ Gallon
 Current Price Diesel Fuel @ Gallon
 Difference @ Gallon

Quantity Excavation this Estimate = 37,140.8
 Quantity Excavation Previous Estimates = 41,080.0
 Difference of Excavation this Fuel Adjustment = minus 3,939.2

Quantity Earthwork Measured in Embankment this Estimate =
 Quantity Earthwork Measured in Embankment Previous Estimates =
 Difference of Earthwork Measured in Embankment this Fuel Adjustment =

Correction Ratio = 37,140.8 ÷ 41,080.0 = 9.9041091

Remarks: Item No. 022, Excavation Borrow
No actual excavation performed since December 1993

Correction Computation:

Estimate No. 1	<u>thru 9 = 0</u>	×	<u>0.9041091</u>	= \$	<u>0.00</u>
Estimate No. 10	= <u>minus \$241.14</u>	×	<u>"</u>	= \$	<u>-218.02</u>
Estimate No. 11	<u>thru 29 = 0</u>	×	<u>"</u>	= \$	<u>0.00</u>
Estimate No.	= .....	×	.....	= \$	.....
Estimate No.	= .....	×	.....	= \$	.....
Estimate No.	= .....	×	.....	= \$	.....
Estimate No.	= .....	×	.....	= \$	.....
Estimate No.	= .....	×	.....	= \$	.....
Estimate No.	= .....	×	.....	= \$	.....
Estimate No.	= .....	×	.....	= \$	.....

Corrected Fuel Cost Adjustment = minus \$ 218.02

Computed by: Don Hitzeman Date: 7/24/95

Checked by: Charles W. Jasa Date: 7/25/95

DR Form 309C, Aug 85

SOURCE OF AGGREGATES TO BE USED

PROJECT: F-6-7(1030) - - 152nd St. Omaha
NAME OF ROAD: US Highway 6

MATERIAL	PRODUCER	LEGAL DESCRIPTION OF SOURCE (Quarter, Section, Township, Range)	COUNTY	80 LB. SAMPLE REQUIRED FOR QUALITY TESTS (Materials & Tests Use Only)
FINE AGGREGATE FOR CONCRETE	Pound Sand Inc	SE 1 of Sec 27, T 12 N, R 30 W	Douglas	
SAND GRAVEL AGGREGATE FOR CONCRETE	Break Rock Co	SW 1 of Sec 3, T 55, R 21 W	Douglas	
MINERAL AGGREGATE (Gravel) FOR ASPHALTIC CONCRETE				
MINERAL AGGREGATE NO. 3-A (Before Crushing)				
MINERAL AGGREGATE (Gravel) FOR SOIL AGGREGATE BASE COURSE				
MINERAL AGGREGATE (Gravel) FOR FOUNDATION COURSE				
GRAVEL FOR SURFACING				
MINERAL AGGREGATE FOR ARMOR COAT				

PROJECT NUMBER: F-6-7(1030)	ADDRESS: D-2, Omaha
SUBMITTED BY: John Bigpockets - Cyclone Construction Co.	DATE: 8-2-96
RETURNED BY: Paula Carlisle PM, D-2	DATE: 8-3-96

Material Pit Contract Release

(Use for Option Pit)

Project No. F-6-7(1030)

Location 152nd St., Omaha, NE

Contractor Cyclone Construction

Material 47B gravel Pit No. 12 located on

Real Property described as SE $\frac{1}{4}$ of Sec 27, T 12 N, R 30 W

This Release made by Dave Johnson, the property owner, hereinafter called the owner.

WITNESSETH: That the owner has carefully inspected the property from which the material was taken and does release the State of Nebraska, Department of Roads, from any and all damages caused by the removal of material from the owner's land.

Release made this 21 day of January, 1997.

Project Manager Dave Johnson
Witness Owner

Submitted by I. B. Sharp
Project Manager

Date 01-21-96

*Original copy of this release, together with the quantity of material removed from the pit, to be forwarded to the Right of Way Division before payment for the material is made.
(Need Contractor's letter of concurrence with this.)*

Original: R.O.W. Division
cc: Property Owner
District Engineer
Project Manager
Construction Division - Finals

DR Form 348, Sep 76

High Density/Low Slump Concrete Nuclear Density Record

Work Book
Quantity Project Along
with Material & Test

DATE 7-11-96		PROJECT F-81-1 (1018)		PROJECT LOCATION Hebron North & South		REPORT NUMBER 1 of 20	
TEMPERATURE Hi: 35° Low: 20		WIND SPEED 16 Km/h		TIME START 0620		TIME STOP 1213	
PERCENT AIR Truck 1 2		SLUMP Truck 1 2		YIELD (from Concrete Proportioning Report)		WATER CEMENT RATIO	
6.0 5.5		.75 .625					
TEST NO. → 1.							
A. Mass of Bucket and Concrete		41.5 Kg					
B. Mass of Bucket		1.5					
C. Volume of Bucket		0.02 M ³					
D. Rodded Density $\frac{A-B}{C}$		2000 Kg/M ³					
E. Mass of Box and Concrete							
F. Mass of Box		2.5 Kg					
G. Volume of Box		.656 M ³					
H. Density of Concrete $\frac{E-F}{G}$							
I. Nuclear Density Gauge Density of Box							
J. Density Offset H - I							
K. Station							
L. Rt. or Lt. and Distance from Q_c							
M. Depth of Concrete at Test Site							
N. In Place Density							
O. % of Rodded Density = $\frac{N \times 100}{D}$							
MIXER		MIXER		SERIAL NUMBER OF NUCLEAR DENSITY GAUGE		A Field Book Record of data recorded on lines "A" thru "O" is not required.	
AEA		STONE		AEA		INSPECTOR	
RETARDER		SAND		RETARDER		SAND	
WATER		RPM's		WATER		RPM's	

DR Form 478, Jun 96

THIS FORM REPLACES DR FORM 478, MAY 94.
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