BK. SINDY, 14 Diary Drive Storm Sever 50-W85

Dr./4 Bk.61 REMARKS

Floral Dr. Storm Sewer

Form 1210-25M-11-47 STATE OF MINNESOTA - DEPARTMENT OF HIGHWAYS DAILY EQUIPMENT DIARY Monday Time 8 AM. to 430AM. Hrs. 8 Date/0-30-50 Shift No ._ S. P. No.____ Contract No. 1 Balander + Sons Engr. Contractor ar Type Work Se Weather__ EOUIPMENT HRS. EQUIPMENT WORKING STATION TO STATION DELAY OPR. TOTAL DESCRIPTION FUEL UNIT# Bucytus Exc I-vie 22 B

Moved Shovel on job 10-28-50

	The							1	
	1	Shove	1 4	000	rator	- (d	100	hend	
6	1	Shove Fore Labo	mi	00			/	1	
	. 2	- 4260	wo.r	C					
			- Anna Carlotte Manager					They	
	- 15 1								Ī
	-								Ī
			7-5-1						
			3						
-									-
									-
									-
	-			-					
					3				-
	-							N	
				-					
							10.00		-

							-		-
				-					
	-								
	-			1					-
						11.1			-
									-
									The same of
	-								The same of
				-					

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY Tues

Shift No	Time	8A	M. to 4:30 PM	Hrs. 8 Da	ate 10 -	31-5	0
8. P. No	50	-00-	- 85	Contra	ect No		
Contractor_	arl	Bola	ndar + 50	75 Engr.			
Weather	lear		19 km	Type W		eus	24
EQUIP	MENT		WORKI	NG	EQUI	PMENT	HRS.
DESCRIPTION	FUEL	UNIT#	STATION T	NG O STATION	DELAY	OPR.	TOTAL
22 B			Exc		140000		
Bucyrus	Diesel		10+00	9+00			
			Laid p	i De			
			5 to 12.	129 to			
				10+23			
							
					-		
					0.800 16		
					Election 1		
					Terre		
					-		

1 Shows 4 Operator 1 Foreman 3 Laberers	
1 / Fare 200	
2/2/2020	
S 54 N.C. OF S	

Form 1210—25M—11-47

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY Wed.

Shift No.	_Time	· 8 A	M. to/130 AM.	Hrs. 5 Da	ate //-/	-50	
S. P. No	50	· w-	85	Contra			
Contractor	rlE	Polan,	ler + son	Engr.			
Weather Co	0/	46/6	udy Rain	in Parype W	Jork Se	ewe,	
EQUIP	MENT		WORKI	NG O STATION	EQUI	PMENT	HRS.
DESCRIPTION	FUEL	UNIT#	STATION T	O STATION	DELAY	OPR.	TOTAL
2213			Exc				
Shorel	Diesel		94:00	7+40			
			Laging p	ine sta			
			10+23	8+23			
			The state of the state of	PARTY PARTY		144	
			Figure 1				
100000							
-							
					-		
4							

1 0/ / 0 /	
1 Shove 1 + O perater	-
1 Showe / + O peroter 1 Foreman 3 Laberrors 1 pilet	-
3 Laberors	-
101106	_
	-
	_
	_
Stoped work at 130 pxl	
Rain	
	300
	8
	Ī
	-

Form 1210—25M—11-47

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY Thurs

Shift No	Time	8 4	M. to 430 PM	HrsDa	ate //-	6-0		
8. P. No. 5	0-6	ct No						
Contractor_	arl.	130/0	pder 4 Sons Engr.					
Weather Das	1/40	Cloud	& C00/	Type W	Jork Se	ewer	No.	
EQUIPI	MENT		WORKI	NG	EQUI	PMENT	HRS.	
DESCRIPTION	FUEL	UNIT#	STATION T	NG O STATION	DELAY	OPR.	TOTAL	
22 3			Exc.					
Bucarus	Diesel	Ne Line	7440	4+00				
/								
			Laying	Dine 5	4			
			24714	1	-			
			8+23	6+04				
			0723	W 1 - 1				
					+			

	New Year
1 Shovel & Operator 1 Foreman 1 oiler 3 Laberras	
1 Foreman	
1 oiler	
3 Laberras	

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY Fri

Shift No	_Time	8 A	M. to 4 30 M	Hrs. 8 D	ate //-	3-5	0
S. P. No	50	- 4		Contr	act No		
Contractor	20/	Bo	landens	Som Engr.			
Weather Clo	udy	4 C0	0/	Type \	Work 5	200 0	^
EQUIP			WORKI	NG O STATION	EQUI	PMENT	
DESCRIPTION	FUEL	UNIT#	STATION T	O STATION	DELAY	OPR.	TOTAL
228			EXC.				
Bucytus	Diesel		4+00	2+00			
	Terrell.						
			Laurie 1	aine			1000
			777	7,700			
			6+04	2+63			
			6107	-1,00			_
					-		
-							-

1 Shove 9 Operator	
1 Foreman	
1 Oiler	
3 Laberors	
- 042/2/2/2	
	-

Form 1210-25M-11-47 STATE OF MINNESOTA - DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY Time 8 AM. to 430 PM. Hrs. 8 Date 11-6-50 Shift No. Contract No.___ S. P. No. Engr. Contractor Type Work Sewel Weather / EQUIPMENT HRS. EOUIPMENT WORKING STATION TO STATION DELAY OPR. TOTAL DESCRIPTION FUEL |UNIT#

1 Shave & Operator 1 Fore man 4 Laberors
101/en
1 Fore man
4 Laberors
Finished laying pipe at
3:00 P.AT.
Shove backfilled 3+25 to 0-24
Still O tell stilling till to St. T. S. S. S. S.

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY

Shift No.	_Time	8 A	м. to4/38м	Hrs. 8 Da	te //-	7-5	Ŏ	
S. P. No	50 -	W-8	75		ct No			
Contractor	a 4/	1301	anders	Sow Engr.				
Weather Da	the	Clou	day Fa	Type W	ork Se	WEH	-10-10-10-10-10-10-10-10-10-10-10-10-10-	
EQUIPI	MENT		WORKI		EQUIPMENT HRS.			
DESCRIPTION	FUEL	UNIT#	STATION T	NG O STATION	DELAY	OPR.	TOTAL	
Coment								
Mixen	6,95		haid 15	"X10"CM	7			
			Dipe a	+ head is	vall			
			/-/		Tales in			
			Pourer	(aporn +	head	wal	7	
			and b	ndo Ron	cate	6		
			Basin	7 5 4 1	2165	52		
				-1				
	7							

1262

REMARKS

Moved Shovel From job 8 AM one load of sand and Load of brick del in p.m.

Form 1210—25M—11-47

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY

Shift No.	_Time	8A1	M. toM	Hrs. O Da	te //-	8-5	-0		
S. P. No.	0;	w-	85	Contra	ct No				
Contractor	20/	Bola	inder+S	engr.					
Weather Rain & Shows Type Work Sewer									
EQUIP	MENT		WORKI	NG O STATION	EQUI	PMENT	HRS.		
DESCRIPTION	FUEL	UNIT#	STATION T	OSTATION	DELAY	OPR.	TOTAL		
			16 v	vork					
			Rain	y & S170	W				
		-							

One or There's a subject promise to	Commission of	Mestanesali
<u>"</u>		
The second secon		

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY

Shift No.	Time	8 A	M. to 4:30 PM	Hrs. 8 Da	ate // -	9-5	6
S. P. No	50-	w-	85	Contro	ect No		
Contractor	arl	Bo	lander a	Some Engr.	270	6 19	above
Weather C/	suda	1.60	1da 30000 5	Type W	Jork Se	wer	
EQUIPI		-				PMENT	HRS.
DESCRIPTION	FUEL	UNIT#	STATION T	NG O STATION	DELAY		TOTAL
Cement						HEI	
Mixer	Gas						
				-			
			Signal of the state of				

harted mater for montor
Started building cotch bosin
heated water for morter Started building catch basin Sta: 12+65.52
5 men and Mr. Nabel
3 men working on bases
2 men working on brick
Pauced base for Catch basin
5ta 10 + 92, 6 base For M. H. sta
54, 10+53,6 C.B. base sta 7+27
bases covered with straw

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY

Shift No	Time	8 A.	M. to 4/30 PM	. Hrs. 8 D	ate //-/	0 - 5	0		
8. P. No. 5	0-6	v-8	25	Contract No.13° above Ang					
Contractor	re/	Bola	nder + S	Engr.					
Weather Pari	tly CI	ouby	+ Cold, S	Type V	Vork Se	wor			
EQUIPM DESCRIPTION		UNIT#	WORKI STATION T	WORKING STATION TO STATION			EQUIPMENT HRS. DELAY OPR. TOTAL		
Cement									
Mixer	Gas								
21:1101	my 10/2								
1 Truck					7				
11000									
					-				
						14.			
						1111			

Load of sand in A.M.
1 Truck - 5 New working, 2 on brick 3 on bases paused M. H. base 5 to 10 + 95 (o M. H. base 5 to 3 + 35.3 C. B. 5 to 0 + 08.1 C.B. 0-24 Finished C.B. at sta 12+165.52
bases payred M. H. base sta let95 le
M. H. base sta 3+35,3 C. B. sta 0+08,1
C.B. 0-24
Finished C.B. at sta 12+65.52

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY

Shift No	_Time	8 A	M. to 430 M.	Hrs. 8 Da	ate //-//	1-50		
8. P. No. 5	0 -	W-	85	Contra	act No			
Contractor Co	arl	Bola	nder + 50	Engr.	10° at	Soul		
- 1	ear	-	16		Vork Se		-	
EQUIP			WORKI STATION T	NG	EQUIPMENT HRS.			
DESCRIPTION	FUEL	UNIT#	STATION T	O STATION	DELAY	OPR.	TOTAL	
-								
Bulldoger			13+25	7+50				
9								
		_119 /- 11						
					To the second			
		1						

Started back China at 1210 Ares
Started back (hing at 10:00 day) at Sta. 13+25 to Sta, 7+50
1 bulldoger and one man

Form 1210—25M—11-47

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY

Shift No. /			M. to//30 M.			13 -	500
8. P. No.	50-	act No					
Contractor	anl	Bolo	on S Engr.				
Weather C	lear	x la	indy 2	6 0 a bo Type V		we	~
EQUIP	MENT				EQUI	PMENT	
DESCRIPTION	FUEL	UNIT#	STATION T	NG O STATION	DELAY	OPR.	TOTAL
One							
Bulldesen			7+50	0+00			
3							
				•			
			-				
					-		

1 Bulldones & Operator
1 Bulldozer & Operator 4 men building S.Bs & M. H.s
C.B at st 10+92.1 MH at st
10+53.6 started (Bat 7+27
C.B at Sta 10+92.6 M.H. at Sta 10+53.6 Started C.B at 7+27 and M.H. at 6+95.6
The half of the hold of the ho

Form 1210—25M—11-47 STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY

Shift No.	Time	80	M. to 430 AM	Hrs & D	ate //-	14-	50	
S. P. No		e-8	35	Contr	act No.			
Contractor								
Weather Da								
EQUIP	MENT		WORKI	NG O STATION		PMENT		
DESCRIPTION	FUEL	UNIT#	STATION T	STATION	DELAY	OPR.	TOTAL	
					-			
					-			
					-			
					-			
				-	-			
						-		
						-		
					-			
					-			

My men building M. His & C. Bis
Finished M.H. Stale+95.6 C.B. at sta 7+27 Started M.H.
of sta 7+27 Stanted M.H.
Sta, 3+

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY

50-11:-5	M. to 430/M. Hrs. 8	
P. No. 50 - W - 8		tract No.
Contractor Carl B		40° above
Veather Cloudy	4 5-0994 Type	Work Sewer
EQUIPMENT	WORKING STATION TO STATION	EQUIPMENT HRS.
ESCRIPTION FUEL UNIT	STATION TO STATION	DELAY OPR. TOTAL
	-	
	-	_

The state of the s
4 teren puilding M. H.
at sta 3+ and C.B's at sta 0+08 and 0-24
at sta 0+08 and 0-24

Form 1210—25M—11-47

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY

Shift No Time \$	M. to 13/5 M. Hrs. 5 1 D	Date 11-16-50				
Shift No. Time & M. to 13/5 M. Hrs. 5 Date 1/-16-50 S. P. No. Contract No.						
Contractor art Bolander + Sous Engr. 33 above						
Weather partly	Cloudy Type V	Work Sewer				
EQUIPMENT	WORKING STATION TO STATION	EQUIPMENT HRS.				
DESCRIPTION FUEL UNIT#	STATION TO STATION	DELAY OPR. TOTAL				
		-				
		-				

y men puilding C.Bs
Sta 0+08 and 0-24
Finished building CoB's of 1:45 pox
Moved off Proj. at 2115 pm.
V V

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS

DAILY EQUIPMENT DIARY

Shift NoTi	me 8 A	1. to 4 3 m	Hrs. 8 D	ate //-/	2 2-	50
S. P. No. 50	-w-8	35	Contra	act No		
Contractor	1 130	lander	Se Engr.			
Weather			Type V	Vork S	ew	Ch
EQUIPMEN	T	WORKING EQUIPMENT HRS.				HRS.
ESCRIPTION FUE	L UNIT#	STATION T	O STATION	DELAY	OPR.	TOTAL
1						
Doger						
					RELL	
-						
						_
	- 11					

1 dozen and operation	
in a.M. back filling	
around C. 13's 4 M. 17's	
1 man cleaning C.Bs	
and M. H.S in p 17.	
	_

STATE OF MINNESOTA — DEPARTMENT OF HIGHWAYS DAILY EQUIPMENT DIARY

Shut No	Time		M. toM	. Hrs	ate		
S. P. No				Contr	act No		
Contractor				Engr.			
Weather				Type \	Work		
EQUIPME	NT		WORKING EOUIPMENT HRS.				
DESCRIPTION FU	UEL	UNIT#	STATION T	O STATION	DELAY	OPR.	TOTAL
		1-1					
					-		
					-		
					-		
					-		
					-		
	-	42.5					
					-		
_					-		
					-		
_							
						25==1	
W-1							
William .	1000000						

Storm Sewer Floral Drive

Moved shove on job 10-28-50 DAT. Carl Bolander + Sons Mpls. 2933 Pleasant Ave so. Plesant 6851 Monday Oct. 30, Started work at 7:45 A.M. at Sta. 14x00 2 Laberon to Laid 28 R.IC. P.

1 fremen Bal N.R.I.R. Bickins 1 freman with drag line and operato 4:45 Tues 31 7.30 clear & wann 1 shove 1 & operato 3 Laberors Shovel trenching in A.M. back filling and Laging pipe in p.M. laid 36 at sta 9453.6 \$ 9492.6 Cool & Cloudy Rain in pan, wed. Nov. 1 1 shove a Operator I Foreman. 3 Laborers 1 oiler FXC, Sta 9+00-7+40 Laying pipe 10+23-8+23 Rain in pan.

Thur. 2 Cloudy a Cool 7:30 1 Shove 1 & Operater 1 Foreman 1 oiler 3 Laberous Exa Sta 74 40 to Lagragospe sta 8+23 to Sta 6+04 Friday Cloudy & Cool (Traces of snow) 1 Foreman Exc. Sta 4+00 to Sta 2+00 Laying pipe sta 6404 4:45 to 2+63

Monday Nov 6 7:30 1 shove + Operator 1 Oiler I Foreman 4 haberons EXC, Sta 2+00 to 5ta 0-24 Laying pipe sta 2+63 to sta 0-24 back Cilled 3+25 +0 0-24 Finished laying pipe 4:45 at 3:00 pin Tues 7 partly Cloudy Fair Moved shove | from job 8 AM Nobel + Son - Cament Man enjob at 8. AM. to build catch basins, Manholas and headwall at 8 A.M. Started at 13+25 to build head wall laid C.M. pipe 15"x 10" havled one load of sand one load of grave 1 32 sacks of Comen 2 Men + Mr Noble

coment mixer 7th Cont. Load of brick delin p.M. laid 15 "X 10' C.M. at headwell poured apoin + headwall base for catchbasinat Stall+655 Exection day) 430 Wad 8 715 AM Pain & Snow No. work Thuri 9 Cloudy, Cold & snow Flurries 7:15 M 5 men and mr. Nobel 3 men working on bases 2 men working on brick, heating water for morton poured C.B. Base at sta 10+92.6 M.H. base sta 10+536 and C.B. base 7+27 Building E.B. at 12+65,52 bases covered with straw 4:30 -27° +0 29° above

partly Cloudy, Cold 13° above A.M. 5 men 1 trucks on basies 201 Fri. 10 brick, poured M. H. Basesty 6+956 M.H. base sta 3+3513 C.B. sta 0+08,1 C.B. sta 0-24 I hond of Sand talked with Shepand (Bolander's man) he said Bulldeger would be out sat, morning 11-11-50 (4130) Sat 11 Clear & Cold 10° above 730 on job at 7,30 waited untill 10:00 for bulldozer started to bookfill at sta. 13+25 10 7450 Clear + windy 25° above 7115 Mon. 13 1 Bulldozer & Operator 4 men building C. Ba & M. H's built 6.13. Sta 10+92.6 M. H. sta 10+53.6 Started C.B. at 7+27 and M.H. at 6+95.6 1/2 day in shop

34° ekoug 7.115 Tues. 14 partly cloudy 4 men building M H's d C. B's Finished C. B. at 7+27, M. H. at 5to 6+95,6 Started M. H. Sta 3+ 1/2 day in Shop 33 above Wed. 15 Cloudy + Foggy 4 Man building M. H's and C. B's Finished M.H. at sta 3+ and C.B's staro+08 and 0-24 to day in shop Cloudy 4 men building G. B's at 5to 0+08 Sta 0-24 Finished of port at 1:45 pm Mr Nobel and Clark picked up 2"H"frames and le Covers at asphalt 430 Plant Per K.A, and A.D.C.

Fri 17 Cloudy 27° above Reported on job No one there went home at 10:00 AM Wed 32 One man and dozen in ain, back filling around C.B's & M. H's One man in P.N. Cleaning CIB'S & MI. H'S Per KiA. Clark Noton job

June 7 1 grader and aperator shaping roods and catch basins.

June 11 / labor pand finishing at catch basins and wherever necessary
Project completed.

