

Memo

To: Bridge Files
From: Stephanie Ann Goff, Assistant Engineer
Date: 11/10/98
Re: Change in Bridge Numbers

In 1998, the Logan County Engineer's Office had Mastermind Systems re-run the control point information for all of Logan County.

Therefore, all of the log points for the bridges have changed. In each file, a BR-87 was filled out showing the change in log points and this memo was attached to show the reason for the changes.

PROCESSING REF.	STRUCTURE FILE NO.	TRAN. CODE
	4632540C	8



OHIO DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE INVENTORY & APPRAISAL CODE SHEET

Old # 02-70

ALL ITEMS SHOWN IN RED LETTERS ARE MANDATORY WHERE APPLICABLE

1	2	3 INVENTORY ROUTE	4	5 INV. RTE. BRIDGE NO.	6	7	8	9	10	11	12	13
CARD	MPO CODE	CITY OR TOWN (FIPS)	ON/UNDER SYSTEM	ROUTE NUMBER	DIRECT. SUFFIX	DESIGNATION	PREF. ROUTE	COUNTY	UNIT NUMBER	INVENTORY ROUTE A.D.T.	INVENTORY ROUTE A.D.T. YEAR	DIP. TRAF. NETWORK PARALLEL
9	10	12	17 18 19	24	25	26	27	52	55	60	62	68 70 75 76 77 78 79 80
A			00029						0297			

14	15	16	17 INVENTORY	18 INV.	19	20	21	22 INTERSECTED ROUTE	23	24	25	26									
CARD	NHS	MACRO COR FUNCTIONAL CLASS	TOT. MIN. HORIZONTAL CLEAR	PRACTICAL MAXIMUM VERTICAL CLEARANCE	DEFENSE	ON/UNDER SYSTEM	ROUTE NUMBER	DIRECT. SUFFIX	DESIGNATION	PREF. ROUTE	COUNTY	UNIT NUMBER	INTERSECTED ROUTE A.D.T.	A.D.T. YEAR							
9	10	12	14	17	20	24	25	27	28	29	30	35	36	37	38	63	66	71	73	79	80
B																					

27	28	29	30	31 INTERSECTED	32	33	34	35	36	37 INT.	38	39	40	41	42	43	44	45	46	47	48								
CARD	INTERSECTED ROUTE TRUCK TRAFFIC	NHS	MACRO COR FUNCTIONAL CLASS	TOT. MIN. HORIZONTAL CLEAR	DIR. TRAF. NETWORK PARALLEL	DEFENSE	PRACTICAL MAXIMUM VERTICAL CLEARANCE	BY-PASS LENGTH	DEGREES	MINUTES	SECONDS	DEGREES	MINUTES	SECONDS	TOLL	YEAR BUILT	YEAR MAJOR REHAB.	NO. LANES	HORIZ. CURVE	UTILITIES	DESIGN LOADS								
9	10	15	16	17	19	22	25	26	27	28	29	30	34	36	38	40	44	46	48	52	53	57	61	63	65	69	71	78	80
C																													

49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69										
CARD	APPROACH ROADWAY WIDTH	BRIDGE ROADWAY WIDTH (CB/CB)	DECK WIDTH (OUT/OUT)	MEDIAN TYPE	MED. OP./CL.	SIDEWALKS	CURBS	FLARED	COMPOSITE	RAIL TYPE	DECK DRAIN	DECK TYPE	EXT. DECK PRO.	INT. DECK PRO.	WEARING SURFACE	MAIN SPANS	APPR. SPANS	MAXIMUM SPAN LENGTH	OVERALL STRUCTURE LENGTH	BR. LENG.										
9	10	13	17	21	24	25	28	31	32	33	34	35	36	37	38	39	40	41	42	43	45	48	51	54	57	60	64	70	75	80
D																														

70	71	72	73	74	75	76	77	78	79	80	81	82																										
CARD	ABUTMENTS	PIERS	FOUNDATION	MIN. VERT. UNDERCLEAR.	MIN. LATERAL UNDERCLEAR.	MINIMUM VERTICAL CLEAR ON BRIDGE	MINIMUM LATERAL CLEARANCE TO EDGE OF LANE	MINIMUM VERTICAL CLEAR ON BRIDGE	MINIMUM LATERAL CLEARANCE TO EDGE OF LANE	V.C. AT VERTICAL LIFT BRIDGE																												
9	10	11	12	13	14	16	17	18	20	21	22	24	25	26	27	28	29	30	31	33	35	36	37	38	42	46	49	52	55	58	62	65	68	71	74	77	80	
E																																						

83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																			
CARD	LOAD RATING	LOAD RATING	OHIO % OF LEGAL RATING	RAT. METH.	STREAM VELOCITY	W/WAY ADO.	APPR. ALIGN.	TYPE WORK	METHOD	LENGTH OF IMPROVEMENTS	BRIDGE IMPROVEMENT COSTS (\$1000)	ROADWAY IMPROVEMENT COSTS (\$1000)	TOTAL PROJECT COSTS (\$1000'S)	YEAR OF COSTS	FUTURE A.D.T. (ON THE BRIDGE)	YR. FUT. A.D.T.	DESIGNATED INSPECTION FREQUENCY	INSP. RESP.	MANT. RESP.	TYPE SERVICE																
9	10	13	16	19	21	22	23	26	28	29	30	32	33	39	45	51	57	59	65	67	69	71	72	73	76	78	79	80								
F																																				

G	H	I

REMARKS

RR. 29-2.70
 & 7-30-75

RR. 29-2.70

PILING LOG

ABUTEMENT #1

Forward ↑ 28 TON (25')

37 Blows/ft

#1 #2 #3 #4 #5 #6 #7

0 0 0 0 0 0 0

Total Length	#1	#2	#3	#4	#5	#6	#7
6				27	19	21	21
7				38	19	24	31
8				54	52	38	47
9	26	39		95	85	43	70
10	39	60		100	130	63	87
11		88				84	77
12	86	120				86	118
13	150+	90				76	
14						66	
15						68	
16						70	
17						100	

100 Blows/ft \Rightarrow 8.33 Blows/in \Rightarrow ~ 54 Tons

130 Blows/ft \Rightarrow ~ 63 Tons

118 Blows/ft \Rightarrow ~ 60 Tons

86 " \Rightarrow ~ 50 Tons \Rightarrow 90" \Rightarrow 52 Tons

BR 29-2.70

R.B. 7-30-75

PIILING LOG

(60 Blows/ft)
40 Tone (35')

PIER #1
Forward ↑

#1	#2	#3	#4	#5	#6	#7
0	0	0	0	0	0	0

Cut-off	#1	#2	#3	#4	#5	#6	#7
34.5	36	39.5	40+2	40+4	40+4 1/2		39
10							
11	60	57			58	54	
12	68	63			59	69	
13	68	42			55	49	
14	52	42			44	51	
15	30	35			38	49	
16	25	57			84	70	
17	37	52			78		
18	67	52			69	49	
19	70	50			61	60	
20	64	44			61	43	79
21	56	41	36		50	37	70
22	51	46			42	37	57
23	53	47			44	36	45
24	50	44	35		45	44	45
25	50	43	39		43	38	
26	57	50	40		43	36	65
27	60	51	41		49	42	62
28	63	53	48		55	44	56
29		66	52		57	45	60
30		66	54		52	48	67
31			52		54	44	69
32			55		44	44	
33			56		45	45	
34			64		47	47	
35			48		51	51	
36			55		67	67	
36.5			40		67	67	

B.R. 29-2.70

RB 7-31-76

PILING LOG

PIER #2

40 TON

(35')

60 Blows/ft

Forward
↑

#1	#2	#3	#4	#5	#6	#7
0	0	0	0	0	0	0

length	#1	#2	#3	#4	#5	#6	#7
~32.5	~32.5	32.5	~32.7	33	~33	33.5	~33.5
10		94			63		90
11		97	77	63			97
12		66	66	58			101
13		70	64	62			104
14	80	66	56	64			90
15	89	70	54	63			87
16	93	74	55	62			80
17	93	92	68	67			103
18	84	68	73	59			74
19	72	58	68	50			68
20	55	50	76	42			60
21	46	49	69	50			48
22	37	54	64	55			49
23	40	48	50	57			45
24	49	52	58	53			45
25	60	74	85	83			75
26	92	<u>30</u> .25					<u>80</u> .5
27	<u>50</u> 27.3						140
28							
29							
30							
31							
32							
33							
34							
35							
36							

8-1-75

ABUT #2

	#1	#2	#3	#4	#5	#6	#7
5	32	42	34	33	34	29	42
6	42	55	18	33	45	46	65
7	59	69	68	56	57	82	91
8	66	78	80	73	60	69	101
9	72	66	94	84	77	77	100
10	57	62	80	82	77	98	101
11	54	62	83	69	70	96	
12		60	64	60	51	73	
13		58	56	59	53	68	
14		48	48	52	52	65	
15	59	40	48	49	61	64	
16	47	48	57	52	71	69	
17	49	59	60	59	87	88	
18	65	73	81	70			
19	80						

CONTRACT

PROJECT BR. 29-2.70
WORK, LABOR AND MATERIALS

THIS AGREEMENT, made and entered into on this 21st day
of July, 1975, by and between the County Commissioners
of Logan County, Ohio hereinafter designated as "First party"
and Frantz Brothers, Inc., Sidney, Ohio, hereinafter designated
as "Second Party."

WITNESSETH, THAT SAID "SECOND PARTY", for and in con-
sideration of the sum of ONE HUNDRED FIVE THOUSAND, SIX HUNDRED
SIXTY FIVE DOLLARS AND TWENTY TWO CENTS (\$105,665.22) to be
paid as hereinafter specified, hereby agrees to furnish unto
said "First Party" all the necessary materials, and do all the
work and labor required for the improvement of Logan County
Road 29 and the construction of Bridge No. 29-2.70 in accordance
with the conditions of the proposal, plans, drawings, and
specifications for the same; which proposal, plans, drawings,
and specifications are hereby declared to be a part of this
contract.

SAID "SECOND PARTY" further agrees to furnish said materials
and to do the said work and labor promptly, in a good sub-
stantial and workmanship manner, under the direction of the
County Engineer in charge, without hindrance or delay to any
other branch or class of work on said improvement, and to work
in harmony with and to render such assistance to other branches
of work as their connection therewith and the progress of the
improvement may require. The whole to be completed to the
satisfaction and acceptance of said "First Party" on or before
the 1st day of December, 1975.

AND SAID "FIRST PARTY", for and in consideration of the
true and faithful performance of said work and labor and fur-
nishings of said materials as aforesaid, hereby agrees to pay
unto the said "Second Party" said sum of ONE HUNDRED FIVE
THOUSAND SIX HUNDRED SIXTY FIVE DOLLARS AND TWENTY TWO CENTS
(\$105,665.22), in instalments from time to time, upon the
certificate of acceptance of the County Engineer and as provided
by law.

BRIDGE INVENTORY & APPRAISAL CODE SHEET

29-2.70

PROCESSING KEY	
STRUCTURE FILE NO.	TRANS. CODE
4632540C	

CHECKED BY Curtis Dill DATE 2-25-80

CARD NO.	(1) ODOT DISTRICT	(2) CITY OR TOWN	(3) INVENTORY ROUTE			(4) FEATURE(S) INTERSECTED					(5) INV. RTE. BRIDGE NO.		(6) SECTION I. D. NUMBER	(7) INVENTORY ROUTE A-D.T. (TENS)	(8) A-D.T. YEAR	(9) FED. AID SYSTEM	(10) ADMIN. JURISD.	(11) FUNCTIONAL CLASS	(12)		
			ON/UNDER	SYSTEM	ROUTE NUMBER						DIRECT. SUFFIX	DESIGNATION								PREF. ROUTE	COUNTY
1	10	12	16	17	18	29	24	25	26	51	54	59	61	65	71	73	75	77	79	80	

CARD NO.	(13) DEFENSE		(14) TOT. MIN HORIZONTAL CLEAR.	(15) PRACTICAL MAXIMUM VERTICAL CLEAR.	(16)	(17) INTERSECTED ROUTE			(18) FEATURE(S) INTERSECTED			(19) INTER. RTE. BRIDGE NO.											
	SECTION NUMBER	MILEPOINT BEGIN SECTION				SECTION LENGTH	ON/UNDER	SYSTEM				ROUTE NUMBER	DIRECT. SUFFIX	DESIGNATION	PREF. ROUTE	COUNTY	UNIT NUMBER	STRAIGHT LINE MILEAGE	SPECIAL DESIGNATION				
2	10	19	22	26	28	30	32	36	37	38	43	44	45	46	71	74							

CARD NO.	(20) INTERSECTED ROUTE A-D.T. (TENS)	(21) A-D.T. YEAR	(22) FED. AID SYSTEM	(23) ADMIN. JURISD.	(24) FUNCTIONAL CLASS	(25) DEFENSE			(26) TOT MIN HORIZONTAL CLEAR.	(27) PRACTICAL MAXIMUM VERTICAL CLEAR.	(28)	(29) BY-PASS LENGTH	(30) COORDINATES				(31) PHYS. VULNER.	(32) TOLL	(33) YEAR BUILT		(34) NO. LANES		(35) HORIZ. CURVE		(36) SKEW	(37) DESIGN LOADING				
						SECTION NUMBER	MILEPOINT BEGIN SECTION	SECTION LENGTH					DEGREES	MINUTES	DEGREES	MINUTES			ORIG. CONS.	MAJOR RECON.	ON STRUCT.	UNDER STRUCT.	DEG.	MIN.						
3	10	16	18	20	22	24	29	33	36	39	42	44	46	50	52	54	57	60	63	64	65	67	69	71	73	76	77	79	80	

CARD NO.	(38) APPROACH ROADWAY WIDTH	(39) MEDIAN TYPE	40	(41) BRIDGE ROADWAY WIDTH (CB/CB)	(42) DECK WIDTH (OUT/OUT)	43	44	(45) SIDEWALKS		46	(47) HEARING SURFACE	(48) STRUCTURE TYPE				(49)	(50)	(51)	(52) TYPE SERVICE	(53) BRIDGE DESCRIPTION	(54) MINIMUM VERTICAL CLEAR. ON BRIDGE		(55)	(56)	57					
								LEFT	RIGHT			FLOOR SLAB	NUMBER	TYPE CODE	NUMBER						TYPE CODE	TOTAL NO. SPANS				MAXIMUM SPAN LENGTH	OVERALL STRUCTURE LENGTH	FT.	IN.	
4	10	13	18	17	21	25	26	27	30	33	34	35	37	40	43	46	49	52	56	62	64	66	68	70	75	80				

CARD NO.	(58) SUBSTRUCTURE										59	(60) MIN. VERT. UNDERCLEAR. (MAIN LANES)				(61) MIN. LATERAL UNDERCLEAR. TO EDGE OF LANE				(62) NAVIGATION		(63)	(64)	(65)						
	ABUTMENTS		PIERS									NON-CARD. OPENING	CARDINAL OPENING	NON-CARD. DIRECT.		CARDINAL DIRECT.		CONTROLLED	VERT. CLEAR.	HORIZ. CLEAR.	OHIO ORIGINAL CONSTR. PROJ. NO.				MICROFILM REEL NO.	ORIGINAL CONSTRUCTION FEDERAL AID PROJECT NUMBER				
	REAR	FWD.	PREDOMINATE	OTHER	OTHER	FT.	IN.	FT.	IN.	LEFT				RIGHT	LEFT	RIGHT														
5	10	11	12	13	14	16	17	18	20	21	22	24	25	26	27	29	31	33	35	38	41	44	47	48	51	56	61	67	80	

CARD NO.	(66) LOAD RATING			(67) APPRAISAL			(70) PROPOSED IMPROVEMENTS										(71) COST OF IMPROVEMENTS					72									
	OPERATING RATING	INVENTORY RATING	OHIO % OF LEGAL	RATING YEAR	INSP. RESP.	MAINT. RESP.	DECK GEOM.	UNDERCLEAR.	SAFE LOAD CAP.	WATERWAY ADEQ.	APPR. ALIGN.	REMAIN. LIFE	YEAR NEEDED	TYPE SERVICE	TYPE WORK	LENGTH OF IMPROVEMENT	IMPR. DES. LOAD	PROPOSED ROAD WIDTH	NUMBER LANES	DESIGN A-D.T. (TENS)	YEAR A-D.T.		ADJ. ROW.	TOTAL COST (\$1000'S)	YEAR OF COSTS	PRELIM. ENG.	DEMO-LITION	SUB-STRUCTURE	SUPER-STRUCTURE	PRIORITY	
6	10	13	16	18	21	22	23	24	25	26	27	28	29	31	32	35	40	42	46	48	54	56	58	60	64	66	69	72	76	80	

REMARKS:

OFFICIAL USE ONLY

O.A. CODE _____
 REVIEWED BY _____
 DATE _____



FEB 02 1981

DATE _____

29-2.70
PROCESSING KEY
STRUCTURE FILE NO. 4632540A
TRANS. CODE

Table with columns: (1) INV. RTE. BRIDGE NO., (2) COUNTY, (3) UNIT NUMBER, (4) INVENTORY ROUTE, (5) SECTION I.D. NUMBER, (6) INVENTORY ROUTE A.D.T. (TENS), (7) A.D.T. YEAR, (8) FED. AID SYSTEM, (9) ADMIN. JURISD., (10) FUNCTIONAL CLASS, (11) COUNTY, (12) UNIT NUMBER, (13) STRAIGHT LINE MILEAGE, (14) SPECIAL DESIGNATION.

Table with columns: (13) DEFENSE, (14) SECTION NUMBER, (15) MILEPOINT BEG. SECTION, (16) SECTION LENGTH, (17) INTERSECTED ROUTE, (18) FEATURE(S) INTERSECTED, (19) INTER. RTE. BRIDGE NO., (20) COUNTY, (21) UNIT NUMBER, (22) STRAIGHT LINE MILEAGE, (23) SPECIAL DESIGNATION.

Table with columns: (20) INTERSECTED ROUTE A.D.T. (TENS), (21) A.D.T. YEAR, (22) FED. AID SYSTEM, (23) ADMIN. JURISD., (24) FUNCTIONAL CLASS, (25) DEFENSE, (26) SECTION NUMBER, (27) MILEPOINT BEG. SECTION, (28) SECTION LENGTH, (29) BY-PASS LENGTH, (30) COORDINATES (LATITUDE, LONGITUDE), (31) PHYS. VOL. RECON., (32) TOLL, (33) YEAR BUILT, (34) NO. LANES, (35) HORIZ. CURVE, (36) SKEW, (37) DESIGN LOADING.

Table with columns: (38) APPROACH ROADWAY WIDTH, (39) MEDIAN TYPE, (40) FLARED BRIDGE ROADWAY WIDTH (CB/CB), (41) DECK WIDTH (OUT/OUT), (42) RAIL. TYPE, (43) DECK DRAIN, (44) SIDEWALKS (LEFT, RIGHT), (45) FLOOR SLAB, (46) HEARING SURFACE, (47) THICKNESS (INCH), (48) STRUCTURE TYPE (MAIN SPANS, APPR. SPANS), (49) TOTAL NO. SPANS, (50) MAXIMUM SPAN LENGTH, (51) OVERALL STRUCTURE LENGTH, (52) TYPE SERVICE, (53) BRIDGE DESCRIPTION, (54) MINIMUM VERTICAL CLEAR. ON BRIDGE, (55) BEARING TYPE.

Table with columns: (58) SUBSTRUCTURE (ABUTMENTS, PIERS), (59) MIN. VERT. UNDERCLEAR. (MAIN LANES), (60) MIN. LATERAL UNDERCLEAR. TO EDGE OF LANE, (61) NAVIGATION (VERT. CLEAR., HORIZ. CLEAR.), (62) OHIO ORIGINAL CONSTR. PROJ. NO., (63) MICROFILM REEL NO., (64) ORIGINAL CONSTRUCTION FEDERAL AID PROJECT NUMBER.

Table with columns: (66) LOAD RATING (OPERATING, INVENTORY, OHIO % OF LEGAL), (67) RATING YEAR, (68) INSP. RESP., (69) APPRAISAL (DECK GEOM., UNDERCLEAR., SAFE LOAD CAP., WATERWAY ADEQ., APPR. ALIGN., REMAIN. LIFE), (70) PROPOSED IMPROVEMENTS (YEAR NEEDED, TYPE SERVICE, TYPE WORK, LENGTH OF IMPROVEMENT, IMPR. LOAD, PROPOSED ROAD WIDTH, NUMBER LANES, DESIGN A.D.T. (TENS), YEAR A.D.T., ADJ. ROWY.), (71) COST OF IMPROVEMENTS (TOTAL COST (\$1000'S), YEAR OF COSTS, BREAKDOWN (\$1000'S) (PRELIM. ENO., DEMO-LITION, SUB-STRUCTURE, SUPER-STRUCTURE), (72) PRIORITY.

REMARKS: 160 936 150

CHECKED BY: GARIS F998 DATE: 10/22/76

AUG 26 1977

OFFICIAL USE ONLY
O.A. CODE
REVIEWED BY
DATE
DATA RECORDER (STAMP)
FEB 23 1978
DATE

OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS
BRIDGE INVENTORY & APPRAISAL CODE SHEET

BR-87 REV. 5-74

29-2.70

PROCESSING KEY	
STRUCTURE FILE NO.	TRANS. CODE
4632540C	

OHIO DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

BRIDGE INVENTORY & APPRAISAL CODE SHEET

BR-87
REV. 5-74

CHECKED BY _____ DATE _____
CODED BY _____ DATE _____

CARD NO.	(1) DISTRICT	(2) CITY OR TOWN	(3) INVENTORY ROUTE			(4) FEATURE(S) INTERSECTED										(5) INV. RTE. BRIDGE NO.		(6) SECTION I. D. NUMBER	(7) INVENTORY ROUTE A.D.T. (TENS)	(8) A.D.T. YEAR	(9) FED. AID SYSTEM	(10) ADMIN. JURISD.	(11) FUNCTIONAL CLASS	(12)
			ON/UNDER SYSTEM	ROUTE NUMBER	DIRECT. SUFFIX	DESIGNATION	PREF. ROUTE	COUNTY	UNIT NUMBER	STRAIGHT LINE MILEAGE	SPECIAL DESIGNATION													
9	10	12	16	17	18	23	24	25	26	61	54	59	61	65	71	73	75	77	79	80				
1																								

CARD NO.	(13) DEFENSE			(14) TOT. MIN. HORIZONTAL CLEAR.		(15) PRACTICAL MAXIMUM VERTICAL CLEAR.		(16)	(17) INTERSECTED ROUTE				(18) FEATURE(S) INTERSECTED										(19) INTER. RTE. BRIDGE NO.	
	SECTION NUMBER	MILEPOINT BEGIN SECTION	SECTION LENGTH	NON-CARD. OPENING	CARDINAL OPENING	FT.	IN.		ON/UNDER SYSTEM	ROUTE NUMBER	DIRECT. SUFFIX	DESIGNATION	PREF. ROUTE	COUNTY	UNIT NUMBER	STRAIGHT LINE MILEAGE	SPECIAL DESIGNATION							
9	10	15	19	22	25	28	30	32	36	37	38	43	44	45	48	71	74	79	80					
2																								

CARD NO.	(20) INTERSECTED ROUTE A.D.T. (TENS)	(21) A.D.T. YEAR	(22) FED. AID SYSTEM	(23) ADMIN. JURISD.	(24) FUNCTIONAL CLASS	(25) DEFENSE		(26) TOT. MIN. HORIZONTAL CLEAR.		(27) PRACTICAL MAXIMUM VERTICAL CLEAR.	(28)	(29) BY-PASS LENGTH	(30) COORDINATES				(31) PHYS. VULNER.	(32) TOLL	(33) YEAR BUILT		(34) NO. LANES		(35) HORIZ. CURVE		(36) SKEW	(37) DESIGN LOADING			
						SECTION NUMBER	MILEPOINT BEGIN SECTION	SECTION LENGTH	NON-CARD. OPENING				CARDINAL OPENING	FT.	IN.	DEGREES			MINUTES	DEGREES	MINUTES	ORIG. CONS.	MAJOR RECON.	ON STRUCT.			UNDER STRUCT.	DEG.	MIN.
9	10	16	18	20	22	24	29	33	36	39	42	44	46	50	52	54	57	60	63	64	65	67	69	71	73	75	77	79	80
3																													

CARD NO.	(38) APPROACH ROADWAY WIDTH	(39) MEDIAN TYPE	40	(41) BRIDGE ROADWAY WIDTH (CB/CB)	(42) DECK WIDTH (OUT/OUT)	43	44	(45) SIDEWALKS		46	(47) HEARING SURFACE	(48) STRUCTURE TYPE				(49) TOTAL NO. SPANS	(50) MAXIMUM SPAN LENGTH	(51) OVERALL STRUCTURE LENGTH	(52) TYPE SERVICE	(53) BRIDGE DESCRIPTION	(54) MINIMUM VERTICAL CLEAR. ON BRIDGE		(55)	(56)	57	
								LEFT	RIGHT			FLOOR SLAB	NUMBER	TYPE CODE	NUMBER						TYPE CODE	FT.				IN.
9	10	13	16	17	21	25	26	27	30	33	34	35	37	40	43	46	49	52	56	62	64	66	68	70	75	80
4																										

CARD NO.	(58) SUBSTRUCTURE										59	(60) MIN. VERT. UNDERCLEAR. (MAIN LANES)				(61) MIN. LATERAL UNDERCLEAR. TO EDGE OF LANE				(62) NAVIGATION		(63) OHIO ORIGINAL CONSTR. PROJ. NO.	(64) MICROFILM REEL NO.	(65) ORIGINAL CONSTRUCTION FEDERAL AID PROJECT NUMBER					
	ABUTMENTS		PIERS						PILING	NON-CARD. OPENING		CARDINAL OPENING	NON-CARD. DIRECT.		CARDINAL DIRECT.		CONTROLLED	VERT. CLEAR.	HORIZ. CLEAR.										
	REAR	FWD.	PREDOMINATE	OTHER	OTHER	OTHER	OTHER	FT.					IN.	FT.	IN.	LEFT				RIGHT	LEFT			RIGHT					
9	10	11	12	13	14	16	17	18	20	21	22	24	25	26	27	29	31	35	36	38	41	44	47	48	51	56	61	67	80
5																													

CARD NO.	(66) LOAD RATING				(69) APPRAISAL										(70) PROPOSED IMPROVEMENTS						(71) COST OF IMPROVEMENTS						72			
	OPERATING RATING	INVENTORY RATING	OHIO % OF LEGAL	RATING YEAR	INSP. RESP.	MAINT. RESP.	DECK GEOM.	UNDERCLEAR.	SAFE LOAD CAP.	WATERWAY ROES.	APPR. ALIGN.	REMAIN. LIFE	YEAR NEEDED	TYPE SERVICE	TYPE WORK	LENGTH OF IMPROVEMENT	IMPR. DES. LOAD	PROPOSED ROAD WIDTH	NUMBER LANES	DESIGN A.D.T. (TENS)	YEAR A.D.T.	ADJ. ROWY.	TOTAL COST (\$1000'S)	YEAR OF COSTS	PRELIM. ENG.	DEMO-LITION		SUB-STRUCTURE	SUPER-STRUCTURE	PRIORITY
9	10	13	16	18	21	22	23	24	25	26	27	28	29	31	32	35	40	42	46	48	54	56	58	59	64	66	69	72	76	80
6	9.60	9.36	1.50	7.5																										

REMARKS:

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	REVIEWED BY _____		
	DATE _____		

BRIDGE INVENTORY & APPRAISAL CODE SHEET

PROCESSING KEY	
STRUCTURE FILE NO.	TRANS. CODE
1 46325400	8

CHECKED BY _____ DATE _____
CODED BY _____ DATE _____

CARD NO.	(1) ODOT DISTRICT	(2) CITY OR TOWN	(3) INVENTORY ROUTE			(4) FEATURE(S) INTERSECTED				(5) INV. RTE. BRIDGE NO.	(6)	(7)	(8)	(9)	(10)	(11)	(12)			
			ON/UNDER SYSTEM	ROUTE NUMBER	DIRECT. BUFFER	DESIGNATION	PREF. ROUTE	COUNTY	UNIT NUMBER		SECTION I. D. NUMBER	INVENTORY ROUTE A.D.T. (TENS)	A.D.T. YEAR	FED. AID SYSTEM	ADMIN. JURISD.	FUNCTIONAL CLASS				
9	10	12	16	17	18	23	24	25	26	61	54	69	61	65	71	73	75	77	79	80
10	17																			

CARD NO.	(13) DEFENSE			(14)		(15)		(16)		(17) INTERSECTED ROUTE				(18) FEATURE(S) INTERSECTED				(19) INTER. RTE. BRIDGE NO.		
	SECTION NUMBER	MILEPOINT BEGIN SECTION	SECTION LENGTH	TOT. MIN HORIZONTAL CLEAR.	PRACTICAL MAXIMUM VERTICAL CLEAR.	ON/UNDER SYSTEM	ROUTE NUMBER	DIRECT. BUFFER	DESIGNATION	PREF. ROUTE	COUNTY	UNIT NUMBER		SECTION I. D. NUMBER	INVENTORY ROUTE A.D.T. (TENS)	A.D.T. YEAR	FED. AID SYSTEM	ADMIN. JURISD.	FUNCTIONAL CLASS	
9	10	15	19	22	25	28	30	32	36	37	38	43	44	45	46	71	74	79	80	
2																				

CARD NO.	(20) INTERSECTED ROUTE A.D.T. (TENS)	(21) A.D.T. YEAR	(22) FED. AID SYSTEM	(23) ADMIN. JURISD.	(24) FUNCTIONAL CLASS	(25) DEFENSE		(26)		(27)	(28)	(29)	(30) COORDINATES				(31)	(32)	(33) YEAR BUILT		(34) NO. LANES		(35) HORIZ. CURVE		(36) SKEW	(37) DESIGN LOADING			
						SECTION NUMBER	MILEPOINT BEGIN SECTION	SECTION LENGTH	TOT. MIN HORIZONTAL CLEAR.				PRACTICAL MAXIMUM VERTICAL CLEAR.	DEGREES	MINUTES	DEGREES			MINUTES	PHYS. VULNER.	TOLL	ORIG. CONS.	MAJOR RECON.	ON STRUCT.			UNDER STRUCT.	DEG.	MIN.
9	10	16	18	20	22	24	29	33	36	39	42	44	46	50	52	54	57	60	63	64	65	67	69	71	73	75	77	79	80
3																													

CARD NO.	(38) APPROACH ROADWAY WIDTH	(39) MEDIAN TYPE	40	(41) BRIDGE ROADWAY WIDTH (CB/CB)	(42) DECK WIDTH (OUT/OUT)	43	44	(45) SIDEWALKS		46	(47) HEARING SURFACE	(48) STRUCTURE TYPE				(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	57		
								LEFT	RIGHT			FLOOR SLAB	THICKNESS (INCH)	MAIN SPANS											APPR. SPANS	
9	10	13	16	17	21	25	26	27	30	33	34	35	37	40	43	46	49	52	56	62	64	66	68	70	75	80
4																										

CARD NO.	(58) SUBSTRUCTURE										59	(60) MIN. VERT. UNDERCLEAR. (MAIN LANES)				(61) MIN. LATERAL UNDERCLEAR. TO EDGE OF LANE				(62) NAVIGATION		(63)	(64)	(65)					
	ABUTMENTS		PIERS									NON-CARD. OPENING	CARDINAL OPENING	NON-CARD. UNDERCLEAR.		CARDINAL UNDERCLEAR.		CONTROLLED	VERT. CLEAR.	HORIZ. CLEAR.	OHIO ORIGINAL CONSTR. PROJ. NO.	MICROFILM REEL NO.	ORIGINAL CONSTRUCTION FEDERAL AID PROJECT NUMBER						
9	10	11	12	13	14	16	17	18	20	21	22	24	25	26	27	29	31	33	35	38	41	44	47	48	51	56	61	67	80
5																													

CARD NO.	(66) LOAD RATING				(69) APPRAISAL				(70) PROPOSED IMPROVEMENTS										(71) COST OF IMPROVEMENTS					72						
	OPERATING RATING	INVENTORY RATING	OHIO % OF LEGAL	RATING YEAR	INSP. RESP.	MAINT. RESP.	DECK GEOM.	UNDERCLEAR.	SAFE LOAD CAP.	WATERWAY ROES.	APPR. ALIGN.	REMAIN. LIFE	YEAR NEEDED	TYPE SERVICE	TYPE WORK	LENGTH OF IMPROVEMENT	IMPR. DES. LOAD	PROPOSED ROAD WIDTH	NUMBER LANES	DESIGN A.D.T. (TENS)	YEAR A.D.T.	ADJ. ROW.	TOTAL COST (\$1000'S)		YEAR OF COSTS	PRELIM. ENG.	DEMO-LITION	SUB-STRUCTURE	SUPER-STRUCTURE	PRIORITY
9	10	13	16	18	21	22	23	24	25	26	27	28	29	31	32	35	40	42	46	48	54	56	58	59	64	66	69	72	76	80
0																														

REMARKS:

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DATE _____

DATA RECORDED (STAMP)

NOV 03 1977

DATE _____

BRIDGE INVENTORY & APPRAISAL CODE SHEET

29-2,70

PROCESSING KEY	
STRUCTURE FILE NO.	TRANS. CODE
4632540	C

CHECKED BY R.A. Bruce DATE 5/31/79

6/28/79 JUN 18 1979

CARD NO.	(1) ODOT DISTRICT	(2) CITY OR TOWN	(3) INVENTORY ROUTE				(4) FEATURE(S) INTERSECTED				(5) INV. RTE. BRIDGE NO.		(6) COUNTY	(7) UNIT NUMBER		(8) SECTION I. D. NUMBER	(9) INVENTORY ROUTE A.D.T. (TENS)	(10) A.D.T. YEAR	(11) FED. AID SYSTEM	(12) ADMIN. JURISD.	(13) FUNCTIONAL CLASS	(14) INTER. RTE. BRIDGE NO.		
			ON/UNDER SYSTEM	ROUTE NUMBER	DIRECT. SUFFIX	DESIGNATION	PRF. ROUTE	STRAIGHT LINE MILEAGE	SPECIAL DESIGNATION	STRAIGHT LINE MILEAGE	SPECIAL DESIGNATION													
1	10	12	16	17	18	19	20	21	22	23	24	25	26	61	54	58	61	65	71	73	75	77	79	80
			14	C00	29													000048	77	1	40	06		

CARD NO.	(15) DEFENSE SECTION NUMBER	(16) MILEPOINT BEGIN SECTION	(17) SECTION LENGTH	(18) TOT. MIN. HORIZONTAL CLEAR.		(19) PRACTICAL MAXIMUM VERTICAL CLEAR.	(20) INTERSECTED ROUTE		(21) ON/UNDER SYSTEM	(22) ROUTE NUMBER	(23) DIRECT. SUFFIX	(24) DESIGNATION	(25) PRF. ROUTE	(26) FEATURE(S) INTERSECTED		(27) COUNTY	(28) UNIT NUMBER							
				NON-CARD. OPENING	CARDINAL OPENING		FT.	IN.						STRAIGHT LINE MILEAGE	SPECIAL DESIGNATION									
2	16	19	22	23	24	25	26	27	28	29	30	31	32	36	37	38	43	44	45	46	71	74	79	80

CARD NO.	(29) INTERSECTED ROUTE A.D.T. (TENS)	(30) A.D.T. YEAR	(31) FED. AID SYSTEM	(32) ADMIN. JURISD.	(33) FUNCTIONAL CLASS	(34) SECTION NUMBER	(35) MILEPOINT BEGIN SECTION	(36) SECTION LENGTH	(37) TOT. MIN. HORIZONTAL CLEAR.		(38) PRACTICAL MAXIMUM VERTICAL CLEAR.	(39) BY-PASS LENGTH	(40) COORDINATES				(41) PHYS. VULNER. TOLL	(42) YEAR BUILT	(43) NO. LANES		(44) HORIZ. CURVE		(45) SKEW	(46) DESIGN LOADING						
									NON-CARD. OPENING	CARDINAL OPENING			DEGREES	MINUTES	DEGREES	MINUTES			ORIG. CON.	MAJOR RECON.	ON STRUCT.	UNDER STRUCT.			DEG.	MIN.				
3	16	18	20	22	24	28	29	36	39	42	44	46	50	52	54	57	60	63	64	65	67	68	69	70	71	73	75	77	79	80

CARD NO.	(47) APPROACH ROADWAY WIDTH	(48) MEDIAN TYPE	(49) FLARED	(50) BRIDGE ROADWAY WIDTH (CB/CB)	(51) DECK WIDTH (OUT/OUT)	(52) RAIL. TYPE	(53) DECK DRAIN.	(54) SIDEWALKS		(55) FLOOR SLAB TYPE	(56) HEARING SURFACE THICKNESS (INCH)	(57) STRUCTURE TYPE		(58) TOTAL SPANS	(59) MAXIMUM SPAN LENGTH	(60) OVERALL STRUCTURE LENGTH	(61) TYPE SERVICE	(62) BRIDGE DESCRIPTION	(63) MINIMUM VERTICAL CLEAR. ON BRIDGE		(64) BEARING TYPE					
								LEFT	RIGHT			NUMBER	TYPE CODE						NUMBER	TYPE CODE		FT.	IN.			
4	13	16	17	21	25	26	27	30	33	34	35	36	37	40	43	46	49	52	56	62	64	66	68	70	75	80
	034	0000										003	1, 2, 0	003	0040	0, 001, 08										

CARD NO.	(64) SUBSTRUCTURE				(65) MIN. VERT. UNDERCLEAR. (MAIN LANES)	(66) MIN. LATERAL UNDERCLEAR. TO EDGE OF LANE				(67) NAVIGATION		(68) OHIO ORIGINAL CONSTR. PROJ. NO.	(69) MICROFILM REEL NO.	(70) ORIGINAL CONSTRUCTION FEDERAL AID PROJECT NUMBER																			
	REAR MAT'L TYPE	FWD. MAT'L TYPE	PREDOMINATE NUMBER UNITS	PIERS OTHER NUMBER UNITS		OTHER MAT'L TYPE	OTHER MAT'L TYPE	NON-CARD. OPENING FT. IN.	CARDINAL OPENING FT. IN.	NON-CARD. DIRECT. LEFT RIGHT	CARDINAL DIRECT. LEFT RIGHT			CONTROLLED	VERT. CLEAR.	HORIZ. CLEAR.																	
5	10	11	12	13	14	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	35	38	41	44	47	48	51	55	61	67	80
	76	76	02	78	0	0	0	0	1	0	0	0	9	00	0																		

CARD NO.	(71) LOAD RATING				(72) APPRAISAL	(73) PROPOSED IMPROVEMENTS				(74) COST OF IMPROVEMENTS																							
	OPERATING RATING	INVENTORY RATING	OHIO % OF LEGAL	RATING YEAR		INSP. RESP.	MAINT. RESP.	DECK GEOM.	UNDERCLEAR.	SAFE LOAD CAP.	WATERWAY ADJ.	APPR. ALIGN.	REMAIN. LIFE	YEAR NEEDED	TYPE SERVICE	TYPE WORK	LENGTH OF IMPROVEMENT	IMPR. DES. LOAD	PROPOSED ROAD WIDTH	NUMBER LANES	DESIGN A.D.T. (TENS)	YEAR A.D.T.	ADJ. ROWY.	TOTAL COST (\$1000'S)	YEAR OF COSTS	PRELIM. ENG.	DEMO-LITION	SUB-STRUCTURE	SUPER-STRUCTURE	PRIORITY			
6	9	60	9	36	1, 50	75	3	3	9	N	8	8	8	5	0																		

REMARKS:

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 DATE _____

1-79
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 (STAMP)

JUN 18 1979

BRIDGE INVENTORY & APPRAISAL CODE SHEET

29-2.70

PROCESSING KEY	TRANS. CODE
STRUCTURE FILE NO.	
46.3.2.5.3.2	

CHECKED BY _____ DATE _____
CODED BY *Garis Page* DATE *10/22/76*

CARD NO.	(1) ODOT DISTRICT		(2) CITY OR TOWN		(3) INVENTORY ROUTE						(4) FEATURE(S) INTERSECTED	(5) INV. RTE. BRIDGE NO.			(6) COUNTY	(7) SECTION I. D. NUMBER		(8) INVENTORY ROUTE A.D.T. (TENS)	(9) A.D.T. YEAR	(10) FED. AID SYSTEM	(11) ADMIN. JURISD.	(12) FUNCTIONAL CLASS
	ODOT DISTRICT	CITY OR TOWN	ON/UNDER SYSTEM	ROUTE NUMBER	DIRECT. SUFFIX	DESIGNATION	PREF. ROUTE	STRAIGHT LINE MILEAGE	SPECIAL DESIGNATION	STRAIGHT LINE MILEAGE		SPECIAL DESIGNATION										
1	10	12	16	17	18	23	24	25	26		51	54	59	61	65	71	79	75	77	79	80	

CARD NO.	(13) DEFENSE			(14) TOT. MIN. HORIZONTAL CLEAR.		(15) PRACTICAL MAXIMUM VERTICAL CLEAR.		(16) ROUTE NUMBER	(17) INTERSECTED ROUTE	(18) FEATURE(S) INTERSECTED	(19) INTER. RTE. BRIDGE NO.									
	SECTION NUMBER	MILEPOINT BEGIN SECTION	SECTION LENGTH	NON-CARD. OPENING	CARDINAL OPENING	FT.	IN.					ON/UNDER SYSTEM	DIRECT. SUFFIX	DESIGNATION	PREF. ROUTE	COUNTY	STRAIGHT LINE MILEAGE	SPECIAL DESIGNATION		
2	10	15	19	22	25	28	30	32	36	37	38	43	44	45	46	71	74		79	80

CARD NO.	(20) INTERSECTED ROUTE A.D.T. (TENS)	(21) A.D.T. YEAR	(22) FED. AID SYSTEM	(23) ADMIN. JURISD.	(24) FUNCTIONAL CLASS	(25) DEFENSE			(26) TOT. MIN. HORIZONTAL CLEAR.	(27) PRACTICAL MAXIMUM VERTICAL CLEAR.	(28) BY-PASS LENGTH	(29) COORDINATES				(31) PHYS. VULNER.	(32) TOLL	(33) YEAR BUILT		(34) NO. LANES		(35) HORIZ. CURVE		(36) SKEW	(37) DESIGN LOADING				
						SECTION NUMBER	MILEPOINT BEGIN SECTION	SECTION LENGTH				NON-CARD. OPENING	CARDINAL OPENING	FT.	IN.			DEGREES	MINUTES	DEGREES	MINUTES	ORIG. CON.	MAJOR RECON.			ON STRUCT.	UNDER STRUCT.	DEG.	MIN.
3	10	16	18	20	22	24	28	33	36	39	42	44	46	50	52	54	57	60	63	64	65	67	69	71	73	75	77	79	80

CARD NO.	(38) APPROACH ROADWAY WIDTH	(39) MEDIAN TYPE	40 FLARED	(41) BRIDGE ROADWAY WIDTH (CB/CB)	(42) DECK WIDTH (OUT/OUT)	43 RAIL. TYPE	44 DECK DRAIN.	(45) SIDEWALKS		46 FLOOR SLAB	(47) HEARING SURFACE	(48) STRUCTURE TYPE				(49) TOTAL NO. SPANS	(50) MAXIMUM SPAN LENGTH	(51) OVERALL STRUCTURE LENGTH	(52) TYPE SERVICE	(53) BRIDGE DESCRIPTION	(54) MINIMUM VERTICAL CLEAR. ON BRIDGE		(55) BEARING TYPE			
								LEFT	RIGHT			NUMBER	TYPE CODE	NUMBER	TYPE CODE						FT.	IN.				
4	10	13	16	17	21	25	26	27	30	33	34	35	37	40	43	46	49	52	56	62	64	66	68	70	75	80

CARD NO.	(58) SUBSTRUCTURE												59 PILING	(60) MIN. VERT. UNDERCLEAR. (MAIN LANES)				(61) MIN. LATERAL UNDERCLEAR. TO EDGE OF LANE				(62) NAVIGATION		(63) OHIO ORIGINAL CONSTR. PROJ. NO.	(64) MICROFILM REEL NO.	(65) ORIGINAL CONSTRUCTION FEDERAL AID PROJECT NUMBER				
	ABUTMENTS		PIERS						NON-CARD. OPENING	CARDINAL OPENING	NON-CARD. DIRECT.	CARDINAL DIRECT.		CONTROLLED	VERT. CLEAR.	HORIZ. CLEAR.	FT.	IN.												
	REAR	FWD.	PREDOMINATE	OTHER		OTHER		LEFT											RIGHT	LEFT	RIGHT									
5	10	11	12	13	14	16	17	18	20	21	22	24	25	26	27	28	29	31	33	35	38	41	44	47	48	51	55	61	67	80

CARD NO.	(66) LOAD RATING				67 INSP. RESP.	68 MAINT. RESP.	(69) APPRAISAL					(70) PROPOSED IMPROVEMENTS							(71) COST OF IMPROVEMENTS					72 PRIORITY						
	OPERATING RATING	INVENTORY RATING	OHIO % OF LEGAL	RATING YEAR			DECK GEOM.	UNDERCLEAR.	SAFE LOAD CAP.	WATERWAY ADEQ.	APPR. ALIGN.	REMAIN. LIFE	YEAR NEEDED	TYPE SERVICE	TYPE WORK	LENGTH OF IMPROVEMENT	IMPR. LOAD DES.	PROPOSED ROAD WIDTH	NUMBER LANES	DESIGN A.D.T. (TENS)	YEAR A.D.T.	ADJ. RDWY. YEAR	TYPE		TOTAL COST (\$1000'S)	YEAR OF COSTS	PRELIM. ENG.	DEMO-LITION	SUB-STRUCTURE	SUPER-STRUCTURE
6	10	13	16	18	21	22	23	24	25	26	27	28	29	31	32	35	40	42	46	48	54	56	58	59	64	66	69	72	76	80

REMARKS:

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WEEKLY PAYROLL

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PAGE 1 OF 1 SHEETS

CONTRACTOR Frantz Brothers, Inc. P. O. Box 59, Sidney, OH 45365 ADDRESS	SUBCONTRACTOR ADDRESS
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PAYROLL NO. 3	PROJECT OR CONTRACT NO. Br. 29-2.70	FOR WEEK ENDING 8-9-75	PROJECT AND LOCATION	WAGE DECISION NO.—DATED
-------------------------	---	----------------------------------	-----------------------------	--------------------------------

NAME, ADDRESS AND SOCIAL SECURITY NUMBER OF EMPLOYEE	WORK CLASSIFICATION	O.T.	DAY AND DATE							HOURLY RATE	TOTAL AM'T. PAID IN FRINGE BENEFITS	GROSS AMOUNT EARNED THIS PROJECT	GROSS AMOUNT ALL PROJECTS	DEDUCTIONS					NET AMOUNT PAID
			HOURS WORKED											SOCIAL SECURITY	WITH-HOLDING	State TAX	City Tax	Union	
			3	4	5	6	7	8	9										
Maurice Brandewie	Superintendent	0																	
Dennis Brandyberry	Laborer	0		8	8	1½	8	8	33½	7.12	35.18	238.52	238.52	13.95	29.20	1.90		193.47	
Herbert Brandyberry	Dozer	0		8	2				10	9.52	14.60	95.20	95.20	5.57	3.10	.37	.95	85.21	
Leeman Brandyberry	Carpenter	0		8	8	1½	8	8	33½	9.12	27.47	305.52	305.52	17.87	28.80	2.25	7.37	249.23	
Leslie Brandyberry	Laborer	0		8	8	1½	8	8	33½	7.12	35.18	238.52	238.52	13.95	29.20	1.90		193.47	
Douglas Howell	Opr. Appr.	0		8	8	8	8	8	40	6.188	58.40	247.52	247.52	14.48	41.90	2.35	2.48	186.31	
James Howell	Operator	0		8	8	8	8	8	40	9.64	58.40	385.60	385.60	22.56	62.30	5.53	3.86	291.35	
Stanley Howell	Carpenter	0		8	8	1½	8	8	33½	9.12	27.47	305.52	305.52	17.87	57.50	3.84		226.31	
		0																	
		0																	
		0																	
		0																	
		0																	

WEEKLY PAYROLL

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CONTRACTOR Frantz Brothers, Inc. P. O. Box 59, Sidney	SUBCONTRACTOR ADDRESS
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PAYROLL NO. 7	PROJECT OR CONTRACT NO. Br. 29-2.70	FOR WEEK ENDING 9-6-75	PROJECT AND LOCATION Br. 29-2.70	WAGE DECISION NO.—DATED
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NAME, ADDRESS AND SOCIAL SECURITY NUMBER OF EMPLOYEE	WORK CLASSIFICATION	O.T.	DAY AND DATE							HOURLY RATE	TOTAL AM'T. PAID IN FRINGE BENEFITS	GROSS AMOUNT EARNED THIS PROJECT	GROSS AMOUNT ALL PROJECTS	DEDUCTIONS					NET AMOUNT PAID	
			HOURS WORKED											TOTAL FOR PERIOD	SOCIAL SECURITY	WITH-HOLDING	State Tax	City Tax		Union
			1	2	3	4	5	6	7											
Maurice Brandewie	Superintendent																			
Roger Barlage R. R. #1 Ft. Loramie, OH 45845	286-58-7239 Laborer			H	6½					6½	7.12	6.83	46.28 ✓	238.52	13.95	42.90	2.40	.40	178.87	
Dennis Brandyberry	Laborer				1					1	10.68									
				H	8	8	8			24	7.12	26.25	181.56 ✓	238.52	13.95	29.20	1.90	.80	192.67	
Leeman Brandyberry	Carpenter				1					1	13.68									
				H	8	8				16	9.12	14.32	159.60 ✓	451.70	26.42	61.70	5.47	5.45	352.66	
Leslie Brandyberry	Laborer				1					1	10.68									
				H	8	8	8	8		32	7.12	34.65	238.52 ✓	238.52	13.95	29.20	1.90		193.47	
John Bush 301 Miami Ave. Bellefontaine, OH 43311	296-14-9029 Operator																			
				H	8					8	9.64	11.68	77.12 ✓	385.60	22.56	66.40	5.86	2.46	3.86	284.46
Joseph Greve R. R. #1 Botkins, OH 45306	274-34-1579 Carpenter																			
				H	8					8	9.12	6.56	72.96 ✓	440.20	25.75	48.20	4.53		361.72	
Lawrence Greve R. R. #1 Botkins, OH 45306	277-26-3167 Carpenter																			
				H	8					8	9.12	6.56	72.96 ✓	440.20	25.75	48.20	4.53	2.40	359.32	
Douglas Howell	Opr. Appr.				1					1	9.28									
					8	8	8	8	8	40	6.188	59.86	256.80 ✓	256.80	15.02	44.00	2.55	2.57	192.66	
James Howell	Operator				1					1	14.46									
					8	8	8	8	8	40	9.64	59.86	400.06 ✓	400.06	23.40	67.90	6.38	4.00	298.38	
Stanley Howell	Carpenter				1					1	13.68									
					8	8				16	9.12	14.32	159.60 ✓	448.06	26.21	104.60	7.66	1.60	307.99	

WEEKLY PAYROLL

CONTRACTOR Frantz Brothers, Inc. P. O. Box 59, Sidney, OH 45365	SUBCONTRACTOR ADDRESS			
PAYROLL NO.	PROJECT OR CONTRACT NO.	FOR WEEK ENDING	PROJECT AND LOCATION	WAGE DECISION NO.—DATED
8	Br. 29-2.70	9-13-75	Br. 29-2.70	

NAME, ADDRESS AND SOCIAL SECURITY NUMBER OF EMPLOYEE	WORK CLASSIFICATION	O	DAY AND DATE							HOURLY RATE	TOTAL AM'T. PAID IN FRINGE BENEFITS	GROSS AMOUNT EARNED THIS PROJECT	GROSS AMOUNT ALL PROJECTS	DEDUCTIONS					NET AMOUNT PAID	
			7	8	9	10	11	12	13					TOTAL FOR PERIOD	SOCIAL SECURITY	WITH-HOLDING	State Tax	City Tax		Union
			HOURS WORKED																	
Dennis Brandyberry	Labor	O																		
		S	8	8	8	2	8		34	7.12	35.70	242.08	242.08	14.16	30.90	2.10			194.92	
Leeman Brandyberry	Carpenter	O																		
		S				2	8		10	9.12	8.20	91.20	314.95	18.42	30.50	2.25	(27.14)	290.92		
Leslie Brandyberry	Laborer	O																		
		S	8	8	8	2	8		34	7.12	35.70	242.08	242.08	14.16	30.90	2.10		194.92		
Douglas Howell	Operator	O						1	1	9.28										
		S	8	8	8	8	8		40	6.188	59.86	256.80	256.80	15.02	44.00	2.55		2.57	192.66	
James Howell	Operator	O																		
		S	8	8	8	8	8		40	9.64	58.40	385.60	385.60	22.56	62.30	5.53		3.86	291.35	
Stanley Howell	Carpenter	O																		
		S				2	8		10	9.12	8.20	91.20	314.95	18.42	60.50	3.84		2.45	229.74	
Ralph Smith	Operator	O																		
		S	8	8	8	4			28	9.52	40.88	266.56	266.56	15.59	50.40	1.84		2.67	196.06	
Maurice Brandewie	Superintendent	O																		
		S																		
		O																		
		S																		
		O																		
		S																		

WEEKLY PAYROLL

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CONTRACTOR Frantz Brothers, Inc. P. O. Box 59, Sidney, OH 45365 ADDRESS	SUBCONTRACTOR ADDRESS
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PAYROLL NO. 10	PROJECT OR CONTRACT NO. Br. 29-2.70	FOR WEEK ENDING 9-27-75	PROJECT AND LOCATION Br. 29-2.70	WAGE DECISION NO.—DATED
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NAME, ADDRESS AND SOCIAL SECURITY NUMBER OF EMPLOYEE	WORK CLASSIFICATION	HOURS WORKED	DAY AND DATE							HOURLY RATE	TOTAL AM'T. PAID IN FRINGE BENEFITS	GROSS AMOUNT EARNED THIS PROJECT	GROSS AMOUNT ALL PROJECTS	DEDUCTIONS					NET AMOUNT PAID	
			21	22	23	24	25	26	27					TOTAL FOR PERIOD	SOCIAL SECURITY	WITH-HOLDING	State Tax	City Tax		Union
			HOURS WORKED											TOTAL FOR PERIOD						
Maurice Brandewie	Superintendent	O																		
		S																		
		O																		
		S																		
		O																		
		S																		
		O																		
		S																		
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NO WORK PERFORMED.

WEEKLY PAYROLL

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CONTRACTOR Frantz Brothers, Inc. P. O. Box 59, Sidney, OH 45365		SUBCONTRACTOR	
ADDRESS		ADDRESS	

PAYROLL NO. 12	PROJECT OR CONTRACT NO. Br. 29-2.70	FOR WEEK ENDING 10-11-75	PROJECT AND LOCATION Br. 29-2.70	WAGE DECISION NO.—DATED
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NAME, ADDRESS AND SOCIAL SECURITY NUMBER OF EMPLOYEE	WORK CLASSIFICATION	O. R. S.	DAY AND DATE							TOTAL FOR PERIOD	HOURLY RATE	TOTAL AM'T. PAID IN FRINGE BENEFITS	GROSS AMOUNT EARNED THIS PROJECT	GROSS AMOUNT ALL PROJECTS	DEDUCTIONS				NET AMOUNT PAID	
			5	6	7	8	9	10	11						SOCIAL SECURITY	WITH-HOLDING	State Tax	City Tax		Union
			HOURS WORKED																	
Leo Barga	Superintendent	O																		
		S																		
Mark Barga	Laborer	O																		
		S					8		8	7.12	8.40	56.96	270.56	15.83	26.20	1.70	1.71	4.50	220.62	
John Gephart	Operator	O																		
		S	8	8	8	8	8		40	9.64	58.40	385.60	385.60	22.56	83.00	5.86		3.86	270.32	

WEEKLY PAYROLL

PAGE 1 OF 1 SHEETS

CONTRACTOR Frantz Brothers, Inc. P. O. Box 59, Sidney, OH 45365				SUBCONTRACTOR ADDRESS			
PAYROLL NO. 15	PROJECT OR CONTRACT NO. Br. 29-2.70	FOR WEEK ENDING 11-1-75	PROJECT AND LOCATION Br. 29-2.70		WAGE DECISION NO.—DATED		

NAME, ADDRESS AND SOCIAL SECURITY NUMBER OF EMPLOYEE	WORK CLASSIFICATION	HOURS	DAY AND DATE							HOURLY RATE	TOTAL AM'T. PAID IN FRINGE BENEFITS	GROSS AMOUNT EARNED THIS PROJECT	GROSS AMOUNT ALL PROJECTS	DEDUCTIONS			NET AMOUNT PAID			
			26	27	28	29	30	31	1					TOTAL FOR PERIOD	SOCIAL SECURITY	WITH-HOLDING		State Tax	City Tax	Union
			HOURS WORKED																	
Leo Barga	Superintendent	O																		
John Gephart	Operator	S	8	8	8	8	8		40	9.64	58.40	385.60	385.60	22.56	83.00	5.86		3.86	270.32	
		O																		
		S																		
		O																		
		S																		
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		S																		
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		S																		
		O																		
		S																		

FINAL PAYROLL.

STATEMENT OF COMPLIANCE

Date January 13, 1976

I, Jack Pillion (Name of signatory party) Office Manager (Title) do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frantz Brothers, Inc. on the Br. 29-2.70 (Contractor or subcontractor) that during the payroll period commencing on the 20 day of July (Building or work) 19 75 and ending the 26 day of July 19 75, all persons employed on said project have been paid the full

weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said _____

Frantz Brothers, Inc.
(Contractor or subcontractor)

from the full weekly wages earned by any person and that no deductions have

been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357; 40 U.S.C. 276c), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

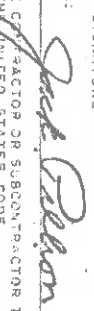
In addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4 (c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4 (c) below.

(c) EXCEPTIONS

(CRAFT)EXCEPTION	EXPLANATION

<p>NAME AND TITLE Jack Pillion, Office Manager</p>	<p>SIGNATURE </p>
---	--

THE WHOLE FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1901 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE

STATEMENT OF COMPLIANCE

Date January 13, 1976

I, Jack Pillion

(Name of signatory party)

Office Manager

(Title)

do hereby state:

(I) That I pay or supervise the payment of the persons employed by Frantz Brothers, Inc. on the Br. 29-2.70 that during the payroll period commencing on the 27 day of July, 19 75 and ending the 2 day of August, 19 75, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

(Building or work)

(Contractor or subcontractor)

Frantz Brothers, Inc.

(Contractor or subcontractor)

from the full weekly wages earned by any person and that no deductions have

been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948.63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. 276c), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete, that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

In addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4 (c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each Laborer or mechanic listed in the above referenced payroll has been paid as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4 (c) below.

(c) EXCEPTIONS

(CRAFT)EXCEPTION	EXPLANATION

NAME AND TITLE

Jack Pillion, Office Manager

SIGNATURE

Jack Pillion

THE FILING OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PENALTY. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE

STATEMENT OF COMPLIANCE

Date January 13, 1976

I, Jack Pillton (Name of signatory party) Office Manager (Title) do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frantz Brothers, Inc. (Contractor or subcontractor) on the Br. 29-2.70 (Building or work) that during the payroll period commencing on the 3 day of August 19 75 and ending the 9 day of August 19 75, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Frantz Brothers, Inc. (Contractor or subcontractor) from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948.63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. 276c), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That: (a) **WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS**

In addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have, been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4 (c) below.

(b) **WHERE FRINGE BENEFITS ARE PAID IN CASH**

Each laborer or mechanic listed in the above referenced payroll has been paid as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4 (c) below.

(c) **EXCEPTIONS**

(CRAFT)EXCEPTION	EXPLANATION

NAME AND TITLE: Jack Pillton, Office Manager SIGNATURE: Jack Pillton

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE

STATEMENT OF COMPLIANCE

Date January 13, 1976

I, Jack Pillion (Name of signatory party) Office Manager (Title) do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frantz Brothers, Inc. (Contractor or subcontractor) on the BR. 29-2.70 that during the payroll period commencing on the 10 day of August

19 75 and ending the 16 day of August, 19 75, all persons employed on said project have been paid the full

weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said _____

Frantz Brothers, Inc. from the full weekly wages earned by any person and that no deductions have

(Contractor or subcontractor)

been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948.63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. 276c), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

In addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4 (c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4 (c) below.

(c) EXCEPTIONS

(CRAFT) EXCEPTION	EXPLANATION

NAME AND TITLE <u>Jack Pillion, Office Manager</u>	SIGNATURE <u>Jack Pillion</u>
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WEEKLY PAYROLL

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CONTRACTOR Frantz Brothers, Inc. P. O. Box 59, Sidney, OH 45365		SUBCONTRACTOR ADDRESS	
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PAYROLL NO. 5	PROJECT OR CONTRACT NO. Br. 29-2.70	FOR WEEK ENDING 8-23-75	PROJECT AND LOCATION Br. 29-2.70	WAGE DECISION NO.,--DATED
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NAME, ADDRESS AND SOCIAL SECURITY NUMBER OF EMPLOYEE	WORK CLASSIFICATION	HOURS	DAY AND DATE							HOURLY RATE	TOTAL AM'T. PAID IN FRINGE BENEFITS	GROSS AMOUNT EARNED THIS PROJECT	GROSS AMOUNT ALL PROJECTS	DEDUCTIONS					NET AMOUNT PAID	
			7	18	19	20	21	22	23					TOTAL FOR PERIOD	SOCIAL SECURITY	WITH-HOLDING	State Tax	City Tax		Union
			HOURS WORKED																	
Maurice Brandewie	Superintendent	0																		
Dennis Brandyberry	Laborer	0																		
		S	8		4				12	7.12	12.60	85.44	290.14	16.97	39.50	3.10		2.85	227.72	
Leeman Brandyberry	Carpenter	0																		
		S	8						8	9.12	6.56	72.96	344.88	20.18	35.60	3.05		5.01	281.04	
Leslie Brandyberry	Laborer	0																		
		S	8						8	7.12	8.40	56.96	233.18	13.64	29.20	1.90		2.45	185.99	
Douglas Howell	Opr. Appr.	0																		
		S	8	8	8	8	8		40	6.188	58.40	247.52	247.52	14.48	41.90	2.35		2.48	186.31	
James Howell	Operator	0																		
		S	8	8	8	8	8		40	9.64	58.40	385.60	385.60	22.56	62.30	5.53		3.86	291.35	
Stanley Howell	Carpenter	0																		
		S	8		4				12	9.12	9.84	109.44	348.40	20.38	69.50	4.84		2.85	250.83	

STATEMENT OF COMPLIANCE

Date January 13, 1976

I, Jack Pillton (Name of signatory party) Office Manager (Title) do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frantz Brothers, Inc. (Contractor or subcontractor) on the Br. 29-2.70 that during the payroll period commencing on the 17 day of August

19 75 and ending the 23 day of August, 19 75, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Frantz Brothers, Inc. from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948.63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. 276c), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

In addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4 (c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each Laborer or mechanic listed in the above referenced payroll has been paid as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4 (c) below.

(c) EXCEPTIONS

(CRAFT)EXCEPTION	EXPLANATION

NAME AND TITLE Jack Pillton, Office Manager SIGNATURE Jack Pillton

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

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CONTRACTOR Frantz Brothers, Inc. P. O. Box 59, Sidney	SUBCONTRACTOR ADDRESS
ADDRESS PAYROLL NO. 7	PROJECT OR CONTRACT NO. Br. 29-2.70 FOR WEEK ENDING 9-6-75 PROJECT AND LOCATION Br. 29-2.70 WAGE DECISION NO.—DATED

NAME, ADDRESS AND SOCIAL SECURITY NUMBER OF EMPLOYEE	WORK CLASSIFICATION	O.T.	DAY AND DATE							HOURLY RATE	TOTAL AM'T. PAID IN FRINGE BENEFITS	GROSS AMOUNT EARNED THIS PROJECT	GROSS AMOUNT ALL PROJECTS	DEDUCTIONS					NET AMOUNT PAID	
			HOURS WORKED											TOTAL FOR PERIOD	SOCIAL SECURITY	WITH-HOLDING	State Tax	City Tax		Union
			1	2	3	4	5	6	7											
Maurice Brandewie	Superintendent																			
Roger Barlage R. R. #1 Ft. Loramie, OH 45845	Laborer			H	6½				6½	7.12	6.83	46.28	238.52	13.95	42.90	2.40	.40		178.87	
Dennis Brandyberry	Laborer				1				1	10.68										
				H	8	8	8		24	7.12	26.25	181.56	238.52	13.95	29.20	1.90		.80	192.67	
Leeman Brandyberry	Carpenter				1				1	13.68										
				H	8	8			16	9.12	14.32	159.60	451.70	26.42	61.70	5.47		5.45	352.66	
Leslie Brandyberry	Laborer				1				1	10.68										
				H	8	8	8	8	32	7.12	34.65	238.52	238.52	13.95	29.20	1.90			193.47	
John Bush 301 Miami Ave. Bellefontaine, OH 43311	Operator																			
				H	8				8	9.64	11.68	77.12	385.60	22.56	66.40	5.86	2.46	3.86	284.46	
Joseph Greve R. R. #1 Botkins, OH 45306	Carpenter																			
				H	8				8	9.12	6.56	72.96	440.20	25.75	48.20	4.53			361.72	
Lawrence Greve R. R. #1 Botkins, OH 45306	Carpenter																			
				H	8				8	9.12	6.56	72.96	440.20	25.75	48.20	4.53		2.40	359.32	
Douglas Howell	Opr. Appr.				1				1	9.28										
					8	8	8	8	40	6.188	59.86	256.80	256.80	15.02	44.00	2.55		2.57	192.66	
James Howell	Operator				1				1	14.46										
					8	8	8	8	40	9.64	59.86	400.06	400.06	23.40	67.90	6.38		4.00	298.38	
Stanley Howell	Carpenter				1				1	13.68										
					8	8			16	9.12	14.32	159.60	448.06	26.21	104.60	7.66		1.60	307.00	

WEEKLY PAYROLL

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CONTRACTOR Frantz Brothers, Inc. P. O. Box 59, Sidney, OH 45365 ADDRESS	SUBCONTRACTOR ADDRESS
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PAYROLL NO. 10	PROJECT OR CONTRACT NO. Br. 29-2.70	FOR WEEK ENDING 9-27-75	PROJECT AND LOCATION Br. 29-2.70	WAGE DECISION NO.—DATED
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NAME, ADDRESS AND SOCIAL SECURITY NUMBER OF EMPLOYEE	WORK CLASSIFICATION	HOURS	DAY AND DATE							HOURLY RATE	TOTAL AM'T. PAID IN FRINGE BENEFITS	GROSS AMOUNT EARNED THIS PROJECT	GROSS AMOUNT ALL PROJECTS	DEDUCTIONS					NET AMOUNT PAID	
			1	2	3	4	5	6	7					TOTAL FOR PERIOD	SOCIAL SECURITY	WITH-HOLDING	State Tax	City Tax		Union
			HOURS WORKED																	
Maurice Brandewie	Superintendent	O																		
		S																		
		O																		
		S																		
		O																		
		S																		
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		S																		
		O																		
		S																		

NO WORK PERFORMED.

STATEMENT OF COMPLIANCE

Date January 16, 1976

I, Jack Pillion (Name of signatory party) Office Manager (Title) do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frantz Brothers, Inc. on the Br. 29-2.70 (Building or work) that during the payroll period commencing on the 5 day of October 19 75 and ending the 14 day of October 19 75, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Frantz Brothers, Inc. from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. 276c), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

- (4) That:
- (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS
 - In addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4 (c) below.
 - WHERE FRINGE BENEFITS ARE PAID IN CASH
 - Each laborer or mechanic listed in the above referenced payroll has been paid as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4 (c) below.
 - (c) EXCEPTIONS

(CRAFT) EXCEPTION	EXPLANATION
NAME AND TITLE Jack Pillion, Office Manager	SIGNATURE <i>Jack Pillion</i>

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE

WEEKLY PAYROLL

GOVERNMENT PAYROLL PRINTERS
18 KINCAID DRIVE, YONKERS, N. Y. 10710
(212) 784-7513
Not affiliated with U.S. Gov't.

PAGE 1 OF 1 SHEETS

CONTRACTOR Frantz Brothers, Inc. ADDRESS P. O. Box 59, Sidney, OH 45365	SUBCONTRACTOR ADDRESS
---	--------------------------

PAYROLL NO. 15	PROJECT OR CONTRACT NO. Br. 29-2.70	FOR WEEK ENDING 11-1-75	PROJECT AND LOCATION Br. 29-2.70	WARE DECISION NO.—DATED
-------------------	--	----------------------------	-------------------------------------	-------------------------

NAME, ADDRESS AND SOCIAL SECURITY NUMBER OF EMPLOYEE	WORK CLASSIFICATION	O.	S.	DAY AND DATE							TOTAL FOR PERIOD	HOURLY RATE	TOTAL AM'T. PAID IN FRINGE BENEFITS	GROSS AMOUNT EARNED THIS PROJECT	GROSS AMOUNT ALL PROJECTS	DEDUCTIONS					NET AMOUNT PAID
				26	27	28	29	30	31	1						SOCIAL SECURITY	WITH-HOLDING	State Tax	City Tax	Union	
				HOURS WORKED																	
Leo Barga	Superintendent	O																			
John Gephart	Operator	S		8	8	8	8	8	8	40	9.64	58.40	385.60	385.60	22.56	83.00	5.86			3.86	270.32
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FINAL PAYROLL.

Project: Br. 29-2.70

Logan County
County Highway No. 29

P R O P O S A L

LOGAN COUNTY
BOARD OF COUNTY COMMISSIONERS

G. Parker Kennedy

Warren W. Smith

Don Gorwin

Chester R. Kurtz, County Engineer

Letting - July 7, 1975

Submitted by

FRANTZ BEOS, INC.

Street

P.O. Box 59

Post Office

SIDNEY

State

OHIO 45365

LOGAN COUNTY, OHIO

PROJECT BR. 29-2.70

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NOTICE TO BIDDERS

County of Logan
Board of County Commissioners
Bellefontaine, Ohio

Sealed bids will be received at the office of the County Engineer, Logan County, Ohio until 10:00 A.M. Ohio Standard Time, Monday, July 7, 1975 for the improving of County Road 29 in Monroe Township by grading, draining, surfacing with asphalt concrete on aggregate base and replacing bridge BR 29-2.70 with a three span continuous reinforced concrete slab bridge on capped pile abutments and piers, spans 32'0", 40'0", 32'0", roadway 34'0", design loading HS-20-44, project length 591.47 linear feet; at which time they will be opened and publicly read aloud.

Construction plans, specifications and contract documents may be obtained from the office of the Logan County Engineer, P.O. Box 427, County Road No. 13, Bellefontaine, Ohio. Bid proposals will be furnished at no cost upon request.

Each bid shall contain the full name of each person or company interested and shall be accompanied by a certified check, payable to the Logan County Treasurer, in the amount of one Thousand Dollars (\$1,000.00) as a proposal guarantee. All proposal guarantees, except that of the three lowest bidders, will be returned within (10) days. The proposal guarantee of the successful bidder and all others will be returned after a contract bond has been furnished and the contract has been executed.

A performance bond in the amount of (100%) of the total bid will be required by the successful bidder, to insure faithful performance of the work in accordance with the proposal, plans and specifications.

Bids shall be sealed and endorsed "Sealed Bid - Bridge No. 29-2.70".

The Board of County Commissioners reserves the right to reject any or all bids submitted.

By order of the Board of County Commissioners, Logan County, Ohio.



Chester R. Kurtz, P.E.
Logan County Engineer

Posted June 17, 1975

Advertised June 23, 1975

INSTRUCTIONS TO BIDDERS

DATE AND PLACE FOR OPENING PROPOSALS. Pursuant to the Legal Notice, sealed proposals for performing the work will be received by the Board of County Commissioners of Logan County, Ohio.

At the time and place set forth in said notice, they will be publicly opened by the County Engineer and read; the awarding of the contract, if awarded, will be made by the Board of County Commissioners as soon thereafter as practicable.

FORM FOR PROPOSALS: All proposals shall be made upon the blank form of proposal attached hereto, and should give the lump sum price or unit prices for the work, and must be signed by the bidder in accordance with the directions in the form of proposal.

OMMISSIONS AND DISCREPANCIES: Should a bidder find discrepancies in, or omissions from the drawings or other contract documents, or should he be in doubt as to their meaning, he shall at once notify the Engineer who may send a written instruction to all bidders.

ACCEPTANCE OR REJECTION OF PROPOSALS: The County reserves the right to reject any or all proposals. Without limiting the generality of the foregoing, any proposal which is incomplete, obscure, or irregular may be rejected; any proposal having erasures or corrections in the price sheet may be rejected; any proposal in which unit prices are omitted or in which unit prices are unbalanced, may be rejected; any proposal accompanied by an insufficient or irregular bond or certified check may be rejected.

CERTIFIED CHECK OR PROPOSAL BOND: All proposals shall be accompanied by a proposal bond with a surety satisfactory to the County or a certified check on a solvent bank made payable to the Logan County Treasurer, in the amount of One Thousand Dollars (\$1,000.00). Such check or bond is to serve as a guarantee that if the proposal is accepted, a contract will be entered into and the performance of it properly secured.

All certified checks or proposal bonds shall be returned on demand within ten (10) days after the proposals are opened except those of the three lowest bidders which shall be held until the successful bidder has executed the contract. Thereafter all remaining checks or bonds, including that of the successful bidder, will be returned.

ACCEPTANCE OF PROPOSAL: Within thirty (30) days after the opening of proposals, the Board of County Commissioners will act upon them. The acceptance of a proposal shall bind the successful bidder to execute the contract, and to be responsible for liquidated damages as provided herein. The rights and obligations provided for in the contract shall become effective and binding upon the parties only with its formal execution by the Logan County Board of Commissioners.

DAMAGES FOR FAILURE TO EXECUTE CONTRACT: Any bidder whose proposal is accepted will be required to appear in person in the office of the Board of County Commissioners, or if a firm or corporation, a duly authorized representative shall so appear, and to execute the contract within ten (10) days after the notice that the contract has been awarded to him. Failure or neglect to do so shall constitute a breach of the agreement affected by the acceptance of the proposal.

The amount of the bond or certified check accompanying the proposal shall be retained by the County as liquidated damages for such breach. In the event any bidder whose proposal shall be accepted shall fail or refuse to execute the contract as herein provided, the Board of County Commissioners may, at their option, determine that such bidder has abandoned the contract and thereupon his proposal and the acceptance thereof shall be null and void and the County shall be entitled to liquidated damages as above provided.

TIME FOR BEGINNING AND COMPLETION: The contractor shall commence work at his convenience, but the road must be re-opened for traffic by December 1, 1975, and he shall complete the work within the time specified.

PRICES: The prices are to include the furnishing of all materials, plant, tools and all other facilities, and the performance of all labor and services necessary or proper for the completion of the work, except as may be otherwise expressly provided in the contract documents.

INTERPRETATIONS AND ADDENDA: No oral interpretations shall be made to any bidder as to the meaning of any of the contract documents, or be effective to modify any of the contract documents. Every request for an interpretation shall be made in writing and addressed to Chester R. Kurtz, Logan County Engineer, P.O.Box 427, Bellefontaine, Ohio 43311.

UNIT PRICE: The unit prices specified in the "Unit Price Bid" column will govern the awarding of the contract.

The contractor shall make the extensions in "Total Amount Bid" column and also add up the totals. However, the unit prices specified, together with the approximate quantities shall determine the total amount of the bid. If there is an error made in the extensions by the bidder, the total shall be changed as only the unit price shall govern.

PREQUALIFICATION OF BIDDERS: Bids will be accepted only from contractors, who are prequalified with the State of Ohio, Department of Highways, as per Section 102.01 of the State of Ohio, Department of Highway's Construction and Material Specifications, dated January 1, 1974.

PROJECT BR. 29-2.70

Board of Logan County Commissioners
P.O. Box 427
Bellevfontaine, Ohio 43311

The Undersigned, having full knowledge of the site, plans and specifications for the following improvement and the conditions of this proposal, hereby agree to furnish all services, labor, materials and equipment necessary to complete the entire project, according to plans, specifications and completion dates, and to accept the unit prices specified below for each item as full compensation for the work in this proposal.

The total amount of the bid, based on the approximate quantities given below and the unit prices specified by the bidder amount to the sum of

ONE HUNDRED FIVE THOUSAND SIX HUNDRED SIXTY TWO — 52 / 100 Dollars (\$ 105,662.⁵²)
Five 23/100

UNIT PRICE CONTRACT

For improving Logan County Road 29 in Monroe Township by grading, draining, surfacing with asphalt concrete on aggregate base and replacing bridge BR 29-2.70 with a three span continuous reinforced concrete slab bridge on capped pile abutments and piers, spans 32'0", 40'0", 32'0", roadway 34' 0" design loading HS-20-44, project length 591.47 linear feet.

REF. NO.	ITEM DESCRIPTION	QUANTITY	UNIT PRICE BID	UNIT AMOUNT BID
<u>ROADWAY</u>				
1.	201 Clearing & Grubbing	Lump	\$ <u>2,000.⁰⁰</u>	\$ <u>2,000.⁰⁰</u>
2.	202 Guard Rail removed & stored	280 L.F.	<u>1.⁰⁰</u>	<u>280.⁰⁰</u>
3.	202 Foundation Removed	Lump	<u>500.⁰⁰</u>	<u>500.⁰⁰</u>
4.	203 Embankment	3964 C.Y.	<u>1.⁰⁰</u>	<u>3964.⁰⁰</u>
5.	203 Excavation not including embankment construction	5356 C.Y.	<u>1.⁰⁰</u>	<u>5356.⁰⁰</u>
6.	606 Guard Rail Type 4	108.84 L.F.	<u>9.⁰⁰</u>	<u>979.⁵⁶</u>
	Sub-Total Roadway			\$ <u>13,076.⁸⁶</u>
				<u>13,079.⁵⁶</u>

EROSION CONTROL

7.	601	Rock Channel Protection Type B with bedding	8 C.Y.	\$ <u>25⁰⁰</u>	\$ <u>200⁰⁰</u>
8.	601	Dumped Rock Fill, Type A	551 C.Y.	<u>15⁰⁰</u>	<u>8265⁰⁰</u>
9.	659	Seeding & Mulching	8528 S.F.	<u>0²⁵</u>	<u>2132⁰⁰</u>
10.	659	Commercial Fertilizer 12-12-12	77 Ton	<u>300⁰⁰</u>	<u>231⁰⁰</u>
11.	659	Agricultural Liming	3.84 Ton	<u>100⁰⁰</u>	<u>384⁰⁰</u>
		Sub-Total Erosion Cont.			\$ <u>11,212⁰⁰</u>

Drainage

12.	603	12" Conduct, Type E. 707.13	50 L.F.	\$ <u>12⁰⁰</u>	<u>600⁰⁰</u>
13.	605	Aggregate Drains	280 L.F.	<u>1⁵⁰</u>	<u>420⁰⁰</u>
		Sub-Total Drainage			\$ <u>1020⁰⁰</u>

Pavement

14.	304	Aggregate Base	475 C.Y.	\$ <u>10⁵⁰</u>	<u>4987⁵⁰</u>
15.	404	Asphalt Concrete	104 C.Y.	<u>50⁰⁰</u>	<u>5200⁰⁰</u>
16.	408	Bituminous Prime Coat 702.09, MC-70 or MC-250	911 Gal.	<u>1⁰⁰</u>	<u>911⁰⁰</u>
		Sub-Total Pavement			\$ <u>11,098⁵⁰</u>

STRUCTURE

17.	202	Structure Removed	Lump	\$ <u>3000⁰⁰</u>	\$ <u>3000⁰⁰</u>
18.	503	Unclassified Excavation	82 C.Y.	<u>12⁰⁰</u>	<u>984⁰⁰</u>
19.	507	14" Cast in Place Rein- forced Concrete Piles	840 L.F.	<u>12⁰⁰</u>	<u>10,080⁰⁰</u>
20.	509	Reinforcing Steel	52441 LB.	<u>0²⁶</u>	<u>13,634⁶⁶</u>
21.	511	Class C Concrete, Superstructure	211 C.Y.	<u>120⁰⁰</u>	<u>25,320⁰⁰</u>
22.	511	Class C Concrete, Pier Caps	12 C.Y.	<u>180⁰⁰</u>	<u>2160⁰⁰</u>

STRUCTURE (Cont.)

23.	511	Class C. Concrete, Abutments	42 C.Y.	\$ <u>120⁰⁰</u>	\$ <u>5040⁰⁰</u>
24.	517	Railing (Deep Beam Rail With Steel Posts and Bolts)	216.18 L.F.	<u>25⁰⁰</u>	<u>5404⁵⁰</u>
25.	518	Porous Backfill	13 C.Y.	<u>17⁰⁰</u>	<u>221⁰⁰</u>
26.	Special	Concrete Surface Treatment	Lump	<u>1100⁰⁰</u>	<u>1100⁰⁰</u>
27.	808	Chemical Admixture for Concrete, Type A, B, or D	211 Unit	<u>1⁰⁰</u>	<u>211⁰⁰</u>
		Sub-Total Structure		\$ <u>67,155¹⁶</u>	
<u>Miscellaneous</u>					
28.	Special	Premium on Industrial Insurance	Lump	\$ <u>1100⁰⁰</u>	<u>1100⁰⁰</u>
19.	614	Maintaining Traffic	Lump	<u>1000⁰⁰</u>	<u>1000⁰⁰</u>
		Sub-Total Miscellaneous		\$ <u>2100⁰⁰</u>	
		TOTAL BID		\$ <u>105,662⁵²</u>	<u>105,665²³</u> <u>100</u>

WRITTEN CONTRACT

On acceptance of the proposal for said work WE do hereby bind
OURSELVES this 7 day of JULY, 1975,
myself or ourselves

to enter into a written contract with the Logan County Engineer within
ten (10) days from date of notice of award.

IF AN INDIVIDUAL, SIGN BELOW:

Name Address

IF AN INDIVIDUAL DOING BUSINESS UNDER A TRADE NAME, SIGN BELOW:

Trade Name Address

BY _____ Sole Owner

IF A PARTNERSHIP, SIGN BELOW:

Name of Partnership Address

BY _____

Partner Address

Partner Address

Partner Address

Partner Address

IF A CORPORATION, SIGN BELOW:

FRANTZ BROS. INC.
Name of Corporation

Incorporated under the laws of the State of OHIO

By Alvin Wheeler
Signature

VICE PRESIDENT
Title of officer signing

SPECIAL CONDITIONS

1. The Engineer shall furnish to the contractor line and grade stakes as required for the work. It shall be the responsibility of the contractor to preserve all stakes and bench marks. Any destroyed shall be replaced at the expense of the contractor.
2. Excavation in the vicinity of existing structures or utilities shall be carefully done and the contractor shall be held responsible for damage to and for maintenance and protection of same.
3. If at any time before the commencement or during the progress of the work, tools and equipment appear to the engineer to be insufficient or inappropriate to secure the quality of the work required at the proper rate of progress, the engineer may order the contractor to increase their efficiency, to augment their number, or to substitute new tools or equipment as the case may be, and the contractor must conform to such order.
4. Trees, plants, and shrubbery not shown on the plans and not to be removed shall be carefully protected during the progress of the work.
5. The contractor shall furnish, erect and maintain all temporary traffic control devices and facilities. All traffic control devices shall conform to Part VII of the Ohio Manual of Uniform Traffic Control Devices for Streets and Highways.
6. The contractor shall not proceed with construction work or move any materials or equipment on property where the right-of-way has not been acquired.
7. All of the work included in this contract shall meet with the approval of the Logan County Engineer and the Logan County Board of County Commissioners.

GENERAL CONDITIONS

1. The Contract Documents are complementary, and what is called for by any one shall be binding as if called for by all. The intention of the documents are to include all labor and materials, equipment and transportation necessary for the completion of the work. Materials or work described in words which so applied have a well known technical or trade meaning shall be held to such standards.
- a) The State of Ohio Department of Highways Construction and Material Specifications as revised January 1, 1974 shall govern all items of this project.
2. The following Definitions and Terms refer to the State of Ohio Department of Highways Construction and Materials Specifications.
 - a) The State: Whenever the term "The State" appears in the specifications it shall be changed to mean Logan County, acting through its authorized representatives.
 - b) Department: Whenever the term "The Department" appears in the specifications it shall be changed to mean the office of the Logan County Engineer.
 - c) Director: Whenever the term "The Director" appears in the specifications it shall be changed to mean the Logan County Engineer.
 - d) The Engineer: Whenever the work, Engineer, appears in the Contract Documents or specifications it shall mean the Logan County Engineer or his duly authorized representative.
3. The Engineer shall furnish to the Contractor free of charge, all copies of drawings and specifications necessary for the execution of the work.
4. The Contractor shall provide and pay for all materials, labor, water, tools, equipment, lights, power, transportation, and other facilities necessary for the execution, and completion of the work. All materials shall be new and both workmanship and materials shall be of good quality. The Contractor shall, if required, furnish satisfactory evidence of the quality and kind of materials.
- The Contractor shall at all times enforce strict discipline and good order among his employees, and shall not employ on the work any unfit person or any one not skilled in the work assigned to him.
5. The Contractor shall pay all royalties and license fees. He shall defend all suits and claims for infringements of any patent rights and shall save the County harmless from loss on account thereof.

6. The Engineer shall furnish all surveys. Permits and licenses of a temporary nature necessary for the prosecution of the work shall be secured by the Contractor.

The Contractor shall give all notices and comply with all laws, ordinances, rules, and regulations bearing on the conduct of the work as drawn and specified. If the Contractor observes that the drawings and specifications are at variance therewith, he shall promptly notify the Engineer, and any necessary change shall be adjusted as provided in the Contract for Changes in the work.

7. The Contractor shall continuously maintain adequate protection on all work from damage. He shall make good such damage, injury, or loss, except as may be due to errors in the Contract Documents. He shall adequately protect adjacent property. He shall provide and maintain all passage ways, barricades, lights, and other facilities for protection required by public authority or local conditions.

In an emergency affecting the safety of life or of the work or adjoining property, the Contractor, without special instructions or authorization from the Engineer, is hereby permitted to act, at his discretion, to prevent such threatened loss of injury, and he shall so act, without appeal, if so instructed and authorized.

8. The Engineer shall at all times have access to the work. If the specifications, the Engineer's instructions, or any public authority require any work to be specially tested or approved, the Contractor shall give the Engineer timely notice of its readiness for inspection. If any work should be covered up without approval or consent of the Engineer, it must, if required by the Engineer, be uncovered for examination at the Contractor's expense.

9. The Contractor shall at all times keep a satisfactory superintendent on the work, who shall represent the Contractor in his absence and all directions given to him shall be as binding as if given to the Contractor.

10. The County, without invalidating the Contract, subject to Section 5555.69 O.R.C., may order work or make changes by altering, adding to or deducting from the work, the Contract Amount being adjusted accordingly. All such work shall be executed under the conditions of the original contract except that any claim for extension of time caused thereby shall be adjusted at the time of ordering such change.

Except in emergency endangering life or property, no extra work or change shall be made unless in pursuance of a written order by the Engineer and no claim for an addition to the Contract Amount shall be valid unless so ordered.

The value of any such extra work or change shall be determined by estimate and acceptance in a lump sum or by unit prices named in the contract or subsequently agreed upon.

If the Engineer deems it expedient to correct work injured or done not in accordance with the Contract Documents, an equitable deduction from the Contract Amount shall be made therefor.

11. If the Contractor should be adjudged a bankrupt, or be in any manner financially insolvent, or if he should refuse or fail to supply properly skilled workmen or proper materials or otherwise be guilty of a substantial violation of the terms of this Contract then the County, upon written certification by the Engineer that sufficient cause exists to justify such action may without prejudice to any other remedy and after giving the Contractor seven (7) days notice, terminate the employment of the Contractor and take possession of all tools, appliances, and materials thereon, and finish the work by whatever method he may deem expedient. In such case, the Contractor shall not be entitled to receive further payment until the work is finished.

If the unpaid balance in the Contract Price shall exceed the expense of finishing the work, including compensation for additional managerial services, such excess shall be paid to the Contractor. If such expense shall exceed such unpaid balance, the Contractor shall pay the difference to the County.

12. If the Contractor should neglect to prosecute the work properly or fail to perform any provision of the Contract, the County, after three (3) days written notice to the Contractor, may without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the Contractor.

13. If the work should be stopped under an order of any court or other public authority for a period of three (3) months through no act or fault of the Contractor or of anyone employed by him, or if the Engineer should fail to issue any estimate within fourteen (14) days after it is due, or if the County should fail to pay the Contractor within fourteen (14) days of its maturity and presentation, any sum certified by the Engineer or awarded by arbitrators, then the Contractor may, upon seven (7) days written notice, terminate the Contract and recover from the County payment for all work executed and any loss sustained upon any materials and reasonable profit.

14. The County may withhold or, on account of subsequently discovered evidence, nullify the whole or a part of any certificate to such extent as may be necessary to protect itself from loss on account of:

- (A) Defective work not remedied.
- (B) Claims filed or evidence indicating probable filing.
- (C) Failure of the Contractor to pay bills.
- (D) Doubt that the Contract can be completed for the balance then unpaid.

When above grounds are removed payment shall be made for amounts withheld on account of them.

15. The Contractor shall indemnify and save harmless the County from and against all losses and all claims, demands, payments, suits, actions, recoveries and judgments of every nature and description brought or recovered against the County, by reason of any act or omission of the said Contractor, his agents or employees, in the execution of the work or in the guarding of it.
16. The Contractor shall maintain during the life of this Contract, Workmen's Compensation Insurance for all of his employees to be engaged in work on the project under this Contract.

The Contractor shall also procure and maintain during the life of this Contract, Contractor's Public Liability Insurance in an amount not less than \$100,000 for injuries, including accidental death, to any one person and subject to the same limit for each person in an amount not less than \$300,000 on account of one accident, and the Contractor's Property Damage Insurance in an amount not less than \$100,000. Evidence of same must be submitted upon receipt.
17. The Contractor shall not assign the Contract or sublet it as a whole without the written consent of the County.
18. The Contractor shall carefully preserve bench marks, reference points and stakes, and in case of willful or careless destruction, he shall be charged with the resulting expense.
19. The Engineer shall have general supervision and direction of the work. He has authority to stop the work whenever such stoppage may be necessary to insure the proper execution of the Contract. He shall also have the authority to reject all work and materials which do not conform to the Contract, to direct the application of forces to any part of the work, to order the force increased or diminished, and to decide questions which arise in the execution of the work.
20. The Contractor shall, as directed by the Engineer, remove from public and private property at his expense all temporary structures, rubbish and waste materials resulting from his operations.
21. The Contractor will be expected to pay the prevailing minimum wage to all labor employed on this project as ascertained and determined for Logan County, Ohio, by the Department of Industrial Relations applicable to Public Improvement in accordance with Chapter 4115 of the Revised Code of Ohio. A copy of the said prevailing minimum wage is attached.
22. For each calendar day that any work shall remain uncompleted after the contract completion date, the liquidated damages, as described in 108 of the State of Ohio, Department of Highway's Materials and Specifications, dated January 1, 1975, may be imposed.
23. The Contractor will comply with Sections 153.59 and 153.60 O.R.C., Discrimination and Intimidation on Account of Race, Creed, or Color, and Forfeiture, when performing the work on this Project.



STATE OF OHIO
DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Women and Minors and Minimum Wage
PREVAILING WAGE SECTION
2323 West Fifth Avenue, Room 2390

P.O. Box 825
Columbus, Ohio 43216
(614) 466-4340

JAMES A. RHODES
Governor

Chester R. Kurtz, P. E.
Logan County Engineer
Bellefontaine, Ohio 43311

Dear Mr. Kurtz;

June 17, 1975

RECEIVED

JUN 19 1975

LOGAN COUNTY
ENGINEER

HELEN W. EVANS
Director

SAM J. McADOW
Deputy Director

THOMAS W. JOHNSON
Chief of Division

We acknowledge your communication of June 9, 1975 requesting prevailing rates of wages on public improvements in LOGAN COUNTY, Logan County Bridge Project Br. 29-2-70.

Future requests for wage rates should contain information on the award date of the contract.

Enclosed are wage schedules approved by this Department as of this date. Schedules enclosed include the following:

Building Construction, including Hod Carriers and Common Laborers.

Hod Carriers and Common Laborers (Highway, Heavy, Sewer, Waterworks, Utility, Airport and Railroad Construction).

Operating Engineers (Building and Highway, Heavy, Railroad, Airport, Sewer and Waterworks Construction).

Cement Masons (Highway and Heavy Construction).

Applicable wage rates should be incorporated in all bidding blanks and contracts.

Thank you for your cooperation.

Yours very truly,

Thomas W. Johnson
Chief of Division

Margaret L. Omohundro

By: Margaret L. Omohundro

JUN 17 1975 DETERMINATION DATE

SEP 15 1975 EXPIRATION DATE

The following pages are prevailing rates of wages on public improvements fairly estimated over \$2,000.00, as ascertained by the Department of Industrial Relations for the county and on the date listed above, and as provided for in Sections 4115.03 through 4115.14 of the Ohio Revised Code.

Section 4115.05 provides, in part: "Where contracts are not awarded or construction undertaken within ninety days from the date of the establishment of the prevailing rate of wages, there shall be a redetermination of the prevailing rate of wages before the contract is awarded." The expiration date of this wage schedule is listed above for your convenience only. This wage determination is not intended as a blanket determination to be used for all projects during this period without prior approval of this Department.

Section 4115.04, Ohio Revised Code provides, in part: "Such schedule of wages shall be attached to and made a part of the specifications for the work and shall be printed on bidding blanks where the work is done by contract"

A further requirement in Section 4115.04, Ohio Revised Code, is: "A copy of the bidding blank shall be filed with the Department of Industrial Relations before such contract is awarded" The bidding blank should be filed with this Department at the same time that the invitations are furnished to the prospective bidders.

The contract between the letting authority and the successful bidder shall contain a statement requiring that mechanics and laborers be paid a prevailing rate of wages as required in Section 4115.06, Ohio Revised Code.

The contractor or subcontractor is required to file with the contracting public authority upon completion of the project and prior to final payment therefor, an affidavit stating he has complied with Chapter 4115. of the Ohio Revised Code.

The wage rates contained in this schedule are the "Prevailing Wages" as defined by Section 4115.03, Ohio Revised Code, and contain basic hourly rates plus certain fringe benefits. These rates and fringes shall be a minimum to be paid under a contract regulated by Chapter 4115., Ohio Revised Code, by contractors and subcontractors or by a letting authority if work is done by force account. The prevailing wage rates contained in this schedule include the effective dates and wage rates currently on file. In cases where future effective dates are not included in this schedule, modifications to the wage schedule will be furnished to you as soon as prevailing wage rate increases are received by this office.

"There shall be posted in a prominent and accessible place on the site of the work a legible statement of the schedule of wage rates specified in the contract to the various classifications of laborers, workmen and mechanics employed, said statement to remain posted during the life of such contract." Section 4115.07 ORC

Apprentices will be permitted to work only under a bona fide apprenticeship program if such program exists and if such program is registered with the Ohio apprenticeship council.

Your attention is directed to two new provisions of Chapter 4115, Ohio Revised Code, effective September 26, 1974. Amended House Bill #1170 provides that no later than ten days before the first payment of wages is due to any employee of any contractor or subcontractor working on a contract regulated by Chapter 4115, ORC, the contracting public authority shall appoint one of his own employees to act as the prevailing wage coordinator for said contract. The duties of the prevailing wage coordinator are outlined in Section 4115.071 of the Ohio Revised Code. Amended House Bill #1171 provides for an escalator in the prevailing wage rate. Each time a new prevailing wage rate is established by the Department of Industrial Relations, then that rate is required to be paid on all ongoing public improvement projects.

Thomas W. Johnson
Chief of Division

Margaret L. Omohundro

By: Margaret L. Omohundro

CLASSIFICATIONS	EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT						
			HEA	PENS	VAC	APP TR.	OTHERS		
a- \$.37 + 1% of gross monthly labor payroll									
b- .2%									
c- % of Rate- Less than 5 year's service and 2% of hourly rate for supplemental vacation 4% of Rate- More than 5 year's service									
d- per employee per week									
e- per week									
f- 1% of gross monthly labor payroll									

NOTICE
 Rates for classification
 that appear in this table
 must be deleted from the
 calculation of supplemental
 payments

SKILLED CRAFTS

LOGAN

COUNTY

CLASSIFICATIONS

EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT				
		H & W	PENS.	VAC.	APP TR	OTHERS
1-01-75	\$ 9.97	.35	.60		.01	
7-01-75	10.67	.35	.60		.01	
6-29-73	9.25	.40	.65		.02	
8-30-74	11.10	.50	.60		.01	
7-15-75	11.90	.50	.60		.01	
3-09-72	8.05	.15				
8-30-74	11.10	.50	.60		.01	
7-15-75	11.90	.50	.60		.01	
3-09-72	8.05	.15				
3-09-72	8.05	.15				
10-16-74	8.45	.35	.35		.02	
3-09-72	8.05	.15				
10-16-74	9.54	.32	a		.04	
8-05-71	8.82	.195	.20	c	.005	
8-05-71	6.17	.195	.20	c	.005	
3-09-72	8.05	.15				
10-16-74	8.45	.35	.35		.02	
10-16-74	8.45	.35	.35		.02	
10-16-74	8.45	.35	.35		.02	
3-09-72	8.05	.15				
3-09-72	8.05	.15				
10-16-74	8.85	.35	.10		.01	
10-16-74	8.45	.35	.35		.02	
11-01-69	6.10	.15				
10-16-74	8.75	.35	.35		.02	

- Asbestos Workers-----
- S. & O. Ironworkers-----
- Blacksmiths-----
- Blocklayers-----
- Boilermakers-----
- Bricklayers-----
- Bricklayers, Sewer-----
- Carpenters-----
- Cement Masons-----
- Electricians-----
- Elevator Constructors-----
- Elevator Helpers-----
- Flagstone Layers-----
- Floor Layers, Soft-----
- Floor Layers, Resilient-----
- Floor Scrapers, Sanders-----
- Granite Masons-----
- Granite Setters-----
- Lathers-----
- Linoleum Layers-----
- Marble Masons-----
- Millwrights-----

NOTES

Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

PAINTERS

LOGAN

COUNTY

CLASSIFICATIONS

EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT				
		H A W	PENS.	VAC.	APP. TR.	OTHERS
8-28-72	\$ 6.90		.25			
8-28-72	7.25		.25			
8-28-72	7.60		.25			
8-28-72	7.45		.25			
8-28-72	8.25		.25			
8-28-72	6.90		.25			
8-28-72	6.90		.25			
8-28-72	6.90		.25			
8-28-72	6.90		.25			
8-28-72	7.25		.25			
8-28-72	7.70		.25			
8-28-72	.50 add.		.25			
8-28-72	6.90		.25			
8-28-72	7.45		.25			
8-28-72	7.25		.25			

- Brush-----
- Swing-----
- S y-----
- Steel Work- Structural Steel-----
- Steeple Jack Work-----
- Rollers, except Epoxie-----
- Metal Pipes, Pipe Covering-----
- Sanding, Cleaning, Erecting-----
- Placing- Removing Drop Cloths-----
- Dry Wall Tapers-----
- Sandblasting, Sand or Steam-----
- Application of Epoxie-----
- Paperhanger-----
- Paperhanger, Own Tools-----
- Removing Paper with Steam-----

NOTICE

Rates for classification not appearing on this list must be obtained from the Department of Industrial Relations

SKILLED CRAFTS

LOGAN

COUNTY

CLASSIFICATIONS	EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT				
			H & W	PENS.	VAC.	APP. TR.	OTHERS
Plasterers-----	7-05-74	\$ 8.30	.45	.10		.01	
Plumbers-----	1-01-75	10.01	.35	.60		.04	.03
Reinforcing Placers-----	7-01-75	10.61	.35	.60		.04	.03
Riggers and Machinery Movers-----	6-29-73	9.25	.40	.65		.02	
Roofers, Composition-----	6-29-73	9.25	.40	.65		.02	
Roofers, Dampproofers-----	1-01-75	9.275	.60	.65		.045	
Roofers, Waterproofer-----	1-01-75	9.275	.60	.65		.045	
Roofers, Slate and Tile-----	1-01-75	9.275	.60	.65		.045	
Sheet Metal Workers-----	1-01-75	9.80	.40	.60		.12	.34
Steamfitters-----	7-01-75	10.21	.40	.60		.12	.03
Steel Sash Erectors-----	1-01-75	10.01	.35	.60		.04	.03
Stonemasons-----	7-01-75	10.61	.35	.60		.04	.03
Stonemason Cutters-----	6-29-73	9.25	.40	.65		.02	
Terrazzo and Mosaic-----	3-09-72	8.05	.15				
Tile Setters-----	3-09-72	8.05	.15				
	11-01-69	6.10	.15				
	11-01-69	6.10	.15				

NOTICE

Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

MISCELLANEOUS BUILDING

LOGAN

COUNTY

EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT				
		H A W	PENS.	VAC.	APP. TR.	OTHERS
7-01-70	\$ 5.45		.20	.10		
12-01-69	6.60	.15	c		.2%	
10-16-74	8.75	.35	.35		.02	
6-29-73	9.25	.40	.65		.02	
6-29-73	9.25	.40	.65		.02	
6-29-73	9.25	.40	.65		.02	

CLASSIFICATIONS

- Glaziers
- Linemen
- Tile Drivers
- welder
- Fence Erectors
- Sheeters

NOTICE

Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

TRUCK DRIVERS - BUILDING

LOGAN
COUNTY

CLASSIFICATIONS	EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT			
			M B W	PENS.	VAC.	APP. TR. OTHERS
Truck Drivers and Helpers-----	10-16-74	\$ 5.20	7.00e	6.00e		
Low Boys-----	10-16-74	5.45	7.00e	6.00e		

NOTICE

Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

HOD CARRIERS AND COMMON LABORERS - HIGHWAY, HEAVY, SEWER, WATER, WATERWORKS,
UTILITY, AIRPORT AND RAILROAD CONSTRUCTION

FRINGE BENEFITS:	H & W	PENS.	VAC.	APP. TR.	OTHERS
	.55	.40		.05	

ZONE 3

CLASSIFICATIONS

RATES PER HOUR

5-19-75 5-01-76

Laborer (Construction); Flagman; Plant Laborer or Yardman; Right-Of-Way Laborer; Landscape Laborer; Utility Man or Handyman; Carpenter Helper; Waterproofing Laborer; Grade Checker; Sign Installer; Slurry Seal; Seal Coating; Surface Treatment or Road Mix Laborer; Rip Rap Laborer and Grouter; Asphalt Laborer; Dump Man (Batch Truck); Guard Rail and Fence Installer; Mesh Handler and Placer; Joint Setter; Concrete Curing Applicator; Scaffold Erector - - - - -	\$ 7.12	\$ 7.72
Asphalt Raker; Concrete Puddler; Kettle Man (Pipeline); All Machine-Driven Tools (Gas, Electric, Air); Mason Tender; Mortar Mixer; Sheeting and Shoring Man; Surface Grinder Man; Power Buggy or Power Wheelbarrow - - - - -	\$ 7.245	\$ 8.845
Form Setter; Bottom Man; Welder Helper (Pipeline); Concrete Saw Man; Cutting with Burning Torch; Pipe Layer; Hand Spiker (Railroad); Car Pusher (Without Air); Underground Man (Working in Sewer and Waterline, Cleaning, Repairing and Reconditioning); Air Track and Wagon Drill; Tunnel Laborer (Without Air); and Caisson, Cofferdam (Below 25' Deep)- - - - -	\$ 7.32	\$ 7.92
Blaster and Powder Man; Muckers; Top Lander; Wrencher (Mechanical Joints and Utility Pipeline); Yarnier - - - - -	\$ 7.47	\$ 8.07
Curb Setter and Cutter; Miner Without Air; Gunnite Nozzleman; Concrete Crew in Tunnel; Utility Pipeline Tapper; Waterline Caulker- - - - -	\$ 7.77	\$ 8.37
Watchmen - Rate per 40 Hr. Week- - - - -	\$ 135.00	\$ 145.00

Signalman will receive the rate equal to the rate paid the laborer classification
for which he is signaling.

Effective in the following Counties:

Adams, Allen, Ashland, Athens, Auglaize,
Belmont, Brown, Butler, Carroll, Champaign,
Clark, Clermont, Clinton, Columbiana, Coshocton,
Crawford, Darke, Defiance, Delaware, Fairfield,
Fayette, Franklin, Fulton, Gallia, Greene,
Guernsey, Hamilton, Hancock, Hardin, Harrison,
Henry, Highland, Hocking, Holmes, Jackson,
Jefferson, Knox, Lawrence, Licking, Logan,
Madison, Marion, Meigs, Mercer, Miami, Monroe,
Montgomery, Morgan, Morrow, Muskingum, Noble,
Paulding, Perry, Pickaway, Pike, Preble, Putnam,
Richland, Ross, Sandusky, Scioto, Seneca, Shelby,
Tuscarawas, Union, Van Wert, Vinton, Warren,
Washington, Wayne, Williams and Wyandot

NOTICE
FOR
CLASSIFICATIONS
THE
STATE
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OPERATING ENGINEERS - BUILDING CONSTRUCTION

FRINGE BENEFITS:	H & W	PENS.	VAC.	APP. TR.	OTHERS
	.46	.80		.11	

CLASSIFICATIONS

RATES PER HOUR
1-1-75
--\$ 10.13

Master Mechanics - - - - - \$ 10.13

Operators of: A-Frames; Air Compressors on Steel Erection; All Rotary Drills used on Caisson Work for Foundations and Sub-Structure Work; Boiler Operators or Compressor Operators When Compressor or Boiler is Mounted on Crane (Piggyback Operation); Boom Trucks (All Types); Cableways; Cherry Pickers; Combination Concrete Mixers and Towers; Concrete Pumps; Cranes (All Types); Derricks (All Types); Draglines; Dredge (Dipper, Clam or Suction), 3 Man Crew; Elevating Graders or Euclid Loaders; Floating Equipment; Gradalis; Helicopter Operators Hoisting Builders Materials; Helicopter Winch Operators Hoisting Builders Materials; Hoes (All Types); Hoisting Engines (Two or More Drums); Lift Slab or Panel Jack Operators; Locomotives (All Types); Maintenance Engineers (Mechanic or Welder); Mixers, Paving (Multiple Drum); Mobile Concrete Pumps with Boom; Panelboard (All Types on Site); Pile Drivers; Power Shovels; Side Booms; Slip Form Pavers; Straddle Carriers (Building Construction on Site); Hammerhead Tower Cranes; Trench Machines (Over 24" Wide); Tug Boat - - - - - \$ 9.61

Operators of: Asphalt Pavers; Bulldozers; C. M. I. Type Equipment; End Loaders; Kohlman Type Loaders (Dirt Loading); Lead Greasemen; Mucking Machines; Power Graders; Power Scoops; Power Scrapers; Push Cats - - - - - \$ 9.45

Operators of: Air Compressors, Pressurizing Shafts or Tunnels; All Asphalt Rollers; Fork Lifts; Hoists, One Drum; House Elevators; Man Lifts; Power Boilers (Over 15 Lbs. Pressure); Pump Operators Installing or Operating Wellpoints or Other Dewatering System; Pumps, 4" and Over Discharge; Submersible Pumps, 4" and Over Discharge; Trenchers, 24" and Under - - - - - \$ 9.09

Operators of: Compressors on Building Construction; Conveyors, Building Material; Generators; Gummite Machines; Mixers, Capacity More than One Bag; Mixers, One Bag Capacity (Side Loader); Post Drivers; Post Hole Diggers; Pavement Breakers, Hydraulic or Cable; Road Widening Trenchers; Rollers; Welder Operators - - - - - \$ 8.31

Operators of: Backfillers and Tampers; Batch Plants; Bar and Joint Installing Machines; Bullfloats; Burlap and Curing Machines; Clefplanes; Concrete Spreading Machines; Crushers; Deckhand; Drum Firemen (Asphalt); Farm Type Tractors, Pulling Attachments; Finishing Machines; Form Trenchers; High Pressure Pumps, over 1/2" Discharge; Hydro Seeders; Self-Propelled Power Spreaders; Self-Propelled Sub-Crederers; Tire Repairmen; Tractors, Pulling Sheep Foot Roller or Grader; Vibratory Compactors (With Integral Power) - - - - - \$ 7.98

Operators of: Oilers, Helpers, Signalmen; Inboard-Outboard Motor Boat Launch; Light Plant Operators; Power Driven Heaters (Oil Fired); Power Boilers, Less than 15 lbs. Pressure; Pumps, Under 4" Discharge; Submersible Pumps, Under 4' Discharge - - - - - \$ 7.23

Effective in Zone III as follows: Dayton and Auglaize, Butler, Champaign, Clark Clinton, Darke, Fayette, Greene, Logan, Madison, Mercer, Miami, Montgomery, Preble, Shelby and Warren Counties

NOT APPEARING ON THIS LIST
 DEPARTMENT OF INDUSTRIAL RELATIONS
 RATES FOR CLASSIFICATIONS
 MUST BE OBTAINED FROM THE
 DEPARTMENT OF INDUSTRIAL RELATIONS

OPERATING ENGINEERS - HIGHWAY, HEAVY, RAILROAD, UTILITY, AIRPORT, SEWER AND WATERWORKS CONSTRUCTION

FRINGE BENEFITS:	H & W	PENS.	VAC.	APP. TR.	OTHERS
	.46	.80		.11	.04

CLASSIFICATIONS

RATES PER HOUR

5-01-75 11-01-75 5-01-76 11-01-76

Master Mechanics - - - - - \$ 9.89 \$.25 \$.60 \$.25

Air Compressors on Steel Erection; Boiler Operator, Compressor or Generator when Mounted on a Rig; Cableways; Combination Concrete Mixers and Towers; Concrete Plants (Over 4 Yd. Capacity); Concrete Pumps; Cranes (All Types, including A-Frames, Boom Trucks, Cherry Pickers); Derricks; Draglines; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loaders; Floating Equipment (All Types); Helicopter Crew (Operator-Hoist or Winch); Hoes (All Types); Hoisting Engines; Hoisting Engines on Shaft or Tunnel Work; Industrial-Type Tractors; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotives (Standard Gauge); Maintenance Operators, Class A; Mixers, Paving (Single or Double Drum); Mucking Machines; Multiple Scraper; Pile Driving Machines (All Types); Power Shovels; Quad 9 (Double Pusher); Refrigerating Machine (Freezer Operation); Rotary Drill on Caisson Work; Slip Form Pavers; Tower Derricks; Tree Shredder; Trench Machines (Over 24" Wide); Truck Mounted Concrete Pumps; Tug Boat; Tunnel Machine and/or Mining Machine; Wheel Excavator - - - - - INCREASE INCREASE INCREASE

Asphalt Pavers; Automatic Subgrade Machine, Self-Propelled (CMI Type); Boring Machine Operator (More than 48"); Bulldozers; End Loaders; Kolman Loaders (Production Type-Dirt); Lead Grease Men; Maintenance Operator, Class B; Power Graders; Power Scrapers; Push Cats; Trench Machines (24" Wide and Under) - - - - - \$ 9.64 TO BE TO BE TO BE TO BE

Air Compressors on Tunnel Work, Low Pressure; Asphalt Plant Engineer; Locomotive (Narrow Gauge); Mixers, Concrete (More than One Bag Capacity); Mixers, One Bag Capacity (Side Loader); Power Boilers over 15 Lb. Pressure; Pump Operator Installing and Operating Wellpoints; Pumps (4" and Over Discharge); Rollers-Asphalt; Utility Operator (Small Equipment); Welding Machines and Generators - - - - - \$ 8.48 AT A AT A AT A AT A

Backfillers; Bar, Joint and Mesh Installing Machines; Batch Plants; Boring Machine Operators (48" or Less); Bullfloats; Burlap and Curing Machines; Compressors (Portable, Sewer, Heavy and Highway); Concrete Plants (Capacity 4 Yds. and Under); Concrete Saws (Multiple); Conveyors (Highway); Crushers; Deckhand; Drill, Highway (With Integral Power); Farm Type Tractors with Attachments (Highway); Finishing Machines; Firemen, Floating Equipment (All Types); Fork Lifts (Highway); Form Trenchers; Hydro Harmers; Hydro Seeders; Pavement Breakers; Plant Mixers; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form Handling Equipment; Road Widening Trenchers; Rollers (Brick, Grade, Macadam); Self-Propelled Power Spreaders; Self-Propelled Power Subgraders; Steam Firemen; Tractors (Pulling Sheepfoot Roller or Grader); Vibratory Compactors (With Integral Power) - - - - - \$ 8.05 LATER LATER LATER LATER

Drum Firemen (Asphalt Plant); Helpers; Inboard-Outboard Motor Boat Launch; Oil Heaters (Asphalt Plant); Oilers; Power Driven Heaters; Pumps (Under 4" Discharge); Signalmen; Tire Repairmen - - - - - \$ 6.84 DATE DATE DATE DATE

GENERAL
061075

NOTICE

Rates for classifications not appearing on this list may be obtained from the Department of Industrial Relations

HIGHWAY AND HEAVY CONSTRUCTION

FRINGE BENEFITS:	H & W	PENS.	VAC.	APP. TR.	OTHERS
	.49			.02	

CLASSIFICATION

RATE PER HOUR
1-1-75

Cement Masons - - - - - \$ 8.34

Effective January 1, 1975 in District 3,
comprising the following Counties:

Adams	Delaware	Lawrence	Pickaway
Ashland	Fairfield	Licking	Pike
Athens	Fayette	Logan	Preble
Auglaize	Franklin	Madison	Richland
Belmont	Gallia	Marion	Ross
Brown	Greene	Meigs	Scioto
Butler	Guernsey	Mercer	Shelby
Carroll	Hamilton	Miami	Tuscarawas
Champaign	Harrison	Montgomery	Union
Clark	Highland	Monroe	Vinton
Clermont	Hocking	Morgan	Warren
Clinton	Holmes	Morrow	Washington
Coshocton	Jackson	Muskingum	Wayne
Crawford	Jefferson	Noble	Wyandot
Darke	Knox	Perry	

050175

NOTICE
 The following classifications
 do not appear on this list
 must be obtained from the
 Department of Industrial
 Relations

Project: Br. 29-2.70

Logan County
County Highway No. 29

P R O P O S A L

LOGAN COUNTY
BOARD OF COUNTY COMMISSIONERS

G. Parker Kennedy [Warren W. Smith Don Corwin

Chester R. Kurtz, County Engineer

Letting - July 7, 1975

Submitted by WARREN REESE, INC.
Street Box 349
Post Office NAPOLEON 43545
State OHIO

LOGAN COUNTY, OHIO

PROJECT BR. 29-2.70

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Schedule of Prevailing Hourly Wage Rates

NOTICE TO BIDDERS

County of Logan
Board of County Commissioners
Bellevfontaine, Ohio

Sealed bids will be received at the office of the County Engineer, Logan County, Ohio until 10:00 A.M. Ohio Standard Time, Monday, July 7, 1975 for the improving of County Road 29 in Monroe Township by grading, draining, surfacing with asphalt concrete on aggregate base and replacing bridge BR 29-2.70 with a three span continuous reinforced concrete slab bridge on capped pile abutments and piers, spans 32'0", 40'0", 32'0", roadway 34'0", design loading HS-20-44, project length 591.47 linear feet; at which time they will be opened and publicly read aloud.

Construction plans, specifications and contract documents may be obtained from the office of the Logan County Engineer, P.O. Box 427, County Road No. 13, Bellevfontaine, Ohio. Bid proposals will be furnished at no cost upon request.

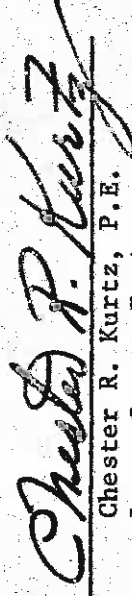
Each bid shall contain the full name of each person or company interested and shall be accompanied by a certified check, payable to the Logan County Treasurer, in the amount of one Thousand Dollars (\$1,000.00) as a proposal guarantee. All proposal guarantees, except that of the three lowest bidders, will be returned within (10) days. The proposal guarantee of the successful bidder and all others will be returned after a contract bond has been furnished and the contract has been executed.

A performance bond in the amount of (100%) of the total bid will be required by the successful bidder, to insure faithful performance of the work in accordance with the proposal, plans and specifications.

Bids shall be sealed and endorsed "Sealed Bid - Bridge No. 29-2.70".

The Board of County Commissioners reserves the right to reject any or all bids submitted.

By order of the Board of County Commissioners, Logan County, Ohio.


Chester R. Kurtz, P.E.
Logan County Engineer

Posted June 17, 1975

Advertised June 23, 30, 1975

INSTRUCTIONS TO BIDDERS

DATE AND PLACE FOR OPENING PROPOSALS. Pursuant to the Legal Notice, sealed proposals for performing the work will be received by the Board of County Commissioners of Logan County, Ohio.

At the time and place set forth in said notice, they will be publicly opened by the County Engineer and read; the awarding of the contract, if awarded, will be made by the Board of County Commissioners as soon thereafter as practicable.

FORM FOR PROPOSALS: All proposals shall be made upon the blank form of proposal attached hereto, and should give the lump sum price or unit prices for the work, and must be signed by the bidder in accordance with the directions in the form of proposal.

OMMISSIONS AND DISCREPANCIES: Should a bidder find discrepancies in, or omissions from the drawings or other contract documents, or should he be in doubt as to their meaning, he shall at once notify the Engineer who may send a written instruction to all bidders.

ACCEPTANCE OR REJECTION OF PROPOSALS: The County reserves the right to reject any or all proposals. Without limiting the generality of the foregoing, any proposal which is incomplete, obscure, or irregular may be rejected; any proposal having erasures or corrections in the price sheet may be rejected; any proposal in which unit prices are omitted or in which unit prices are unbalanced, may be rejected; any proposal accompanied by an insufficient or irregular bond or certified check may be rejected.

CERTIFIED CHECK OR PROPOSAL BOND: All proposals shall be accompanied by a proposal bond with a surety satisfactory to the County or a certified check on a solvent bank made payable to the Logan County Treasurer, in the amount of One Thousand Dollars (\$1,000.00). Such check or bond is to serve as a guarantee that if the proposal is accepted, a contract will be entered into and the performance of it properly secured.

All certified checks or proposal bonds shall be returned on demand within ten (10) days after the proposals are opened except those of the three lowest bidders which shall be held until the successful bidder has executed the contract. Thereafter all remaining checks or bonds, including that of the successful bidder, will be returned.

ACCEPTANCE OF PROPOSAL: Within thirty (30) days after the opening of proposals, the Board of County Commissioners will act upon them. The acceptance of a proposal shall bind the successful bidder to execute the contract, and to be responsible for liquidated damages as provided herein. The rights and obligations provided for in the contract shall become effective and binding upon the parties only with its formal execution by the Logan County Board of Commissioners.

DAMAGES FOR FAILURE TO EXECUTE CONTRACT: Any bidder whose proposal is accepted will be required to appear in person in the office of the Board of County Commissioners, or if a firm or corporation, a duly authorized representative shall so appear, and to execute the contract within ten (10) days after the notice that the contract has been awarded to him. Failure or neglect to do so shall constitute a breach of the agreement affected by the acceptance of the proposal.

The amount of the bond or certified check accompanying the proposal shall be retained by the County as liquidated damages for such breach. In the event any bidder whose proposal shall be accepted shall fail or refuse to execute the contract as herein provided, the Board of County Commissioners may, at their option, determine that such bidder has abandoned the contract and thereupon his proposal and the acceptance thereof shall be null and void and the County shall be entitled to liquidated damages as above provided.

TIME FOR BEGINNING AND COMPLETION: The contractor shall commence work at his convenience, but the road must be re-opened for traffic by December 1, 1975, and he shall complete the work within the time specified.

PRICES: The prices are to include the furnishing of all materials, plant, tools and all other facilities, and the performance of all labor and services necessary or proper for the completion of the work, except as may be otherwise expressly provided in the contract documents.

INTERPRETATIONS AND ADDENDA: No oral interpretations shall be made to any bidder as to the meaning of any of the contract documents, or be effective to modify any of the contract documents. Every request for an interpretation shall be made in writing and addressed to Chester R. Kurtz, Logan County Engineer, P.O.Box 427, Bellefontaine, Ohio 43311.

UNIT PRICE: The unit prices specified in the "Unit Price Bid" column will govern the awarding of the contract.

The contractor shall make the extensions in "Total Amount Bid" column and also add up the totals. However, the unit prices specified, together with the approximate quantities shall determine the total amount of the bid. If there is an error made in the extensions by the bidder, the total shall be changed as only the unit price shall govern.

PREQUALIFICATION OF BIDDERS: Bids will be accepted only from contractors, who are prequalified with the State of Ohio, Department of Highways, as per Section 102.01 of the State of Ohio, Department of Highway's Construction and Material Specifications, dated January 1, 1974.

PROJECT BR. 29-2.70

Board of Logan County Commissioners
P.O. Box 427
Bellevue, Ohio 43311

The Undersigned, having full knowledge of the site, plans and specifications for the following improvement and the conditions of this proposal, hereby agree to furnish all services, labor, materials and equipment necessary to complete the entire project, according to plans, specifications and completion dates, and to accept the unit prices specified below for each item as full compensation for the work in this proposal.

The total amount of the bid, based on the approximate quantities given below and the unit prices specified by the bidder amount to the sum of

*One Hundred Forty Two Thousand Five Hundred Dollars (\$ 142,505.⁷⁸
Five Dollars & Forty Eight cents*

UNIT PRICE CONTRACT

For improving Logan County Road 29 in Monroe Township by grading, draining, surfacing with asphalt concrete on aggregate base and replacing bridge BR 29-2.70 with a three span continuous reinforced concrete slab bridge on capped pile abutments and piers, spans 32'0", 40'0", 32'0", roadway 34' 0" design loading HS-20-44, project length 591.47 linear feet.

REF. NO.	ITEM	DESCRIPTION	QUANTITY	UNIT PRICE BID	UNIT AMOUNT BID
1.	201	Clearing & Grubbing	Lump	<u>\$ 10,000.⁰⁰</u>	<u>\$ 10,000.⁰⁰</u>
2.	202	Guard Rail removed & stored	280 L.F.	<u>1.25</u>	<u>350.00</u>
3.	202	Foundation Removed	Lump	<u>200.00</u>	<u>200.00</u>
4.	203	Embankment	3964 C.Y.	<u>3.70</u>	<u>14,666.⁸⁰</u>
5.	203	Excavation not including embankment construction	5356 C.Y.	<u>2.10</u>	<u>11,247.⁶⁰</u>
6.	606	Guard Rail Type 4	108.84 L.F.	<u>13.²⁵</u>	<u>1,442.¹³</u>
		Sub-Total Roadway			<u>\$ 37,906.⁵³</u>

EROSION CONTROL

7.	601	Rock Channel Protection Type B with bedding	8 C.Y.	\$ <u>40.00</u>	\$ <u>320.00</u>
8.	601	Dumped Rock Fill, Type A	551 C.Y.	<u>13.35</u>	<u>7355.85</u>
9.	659	Seeding & Mulching	8528 S.Y.	<u>0.49</u>	<u>3411.20</u>
10.	659	Commercial Fertilizer 12-12-12	77 Ton	<u>250.00</u>	<u>192.50</u>
11.	659	Agricultural Liming	3.84 Ton	<u>80.00</u>	<u>307.20</u>
		Sub-Total Erosion Cont.			\$ <u>11,586.75</u>

Drainage

12.	603	12" Conduct, Type A C, 707.05 707.05	50 L.F.	\$ <u>15.40</u>	<u>770.00</u>
13.	605	Aggregate Drains	280 L.F.	<u>2.85</u>	<u>798.00</u>
		Sub-Total Drainage			\$ <u>1568.00</u>

Pavement

14.	304	Aggregate Base	475 C.Y.	\$ <u>10.50</u>	<u>4987.50</u>
15.	404	Asphalt Concrete	104 C.Y.	<u>50.00</u>	<u>5200.00</u>
16.	408	Bituminous Prime Coat 702.09, MC-70 or MC-250	911 Gal.	<u>1.00</u>	<u>911.00</u>
		Sub-Total Pavement			\$ <u>11,098.50</u>

STRUCTURE

17.	202	Structure Removed	Lump	\$ <u>12,000.00</u>	\$ <u>12,000.00</u>
18.	503	Unclassified Excavation	82 C.Y.	<u>8.75</u>	<u>717.50</u>
19.	507	14" Cast in Place Rein- forced Concrete Piles	840 L.F.	<u>14.50</u>	<u>12180.00</u>
20.	509	Reinforcing Steel	52441 LB.	<u>0.26</u>	<u>13,634.66</u>
21.	511	Class C Concrete, Superstructure	211 C.Y.	<u>120.00</u>	<u>25,320.00</u>
22.	511	Class C Concrete, Pier Caps	12 C.Y.	<u>171.00</u>	<u>2,052.00</u>

STRUCTURE (Cont.)

23.	511	Class C, Concrete, Abutments	42 C.Y.	\$ <u>100⁰⁰</u>	\$ <u>4200⁰⁰</u>
24.	517	Railing (Deep Beam Rail With Steel Posts and Bolts)	216.18 L.F.	<u>28⁰⁰</u>	<u>6,053⁰⁴</u>
25.	518	Porous Backfill	13 C.Y.	<u>17⁵⁰</u>	<u>227⁵⁰</u>
26.	Special	Concrete Surface Treatment	Lump	<u>1,750⁰⁰</u>	<u>1,750⁰⁰</u>
27.	808	Chemical Admixture for Concrete, Type A,B, or D	211 Unit	<u>1⁰⁰</u>	<u>211⁰⁰</u>
				Sub-Total Structure	\$ <u>78,345⁷⁰</u>

Miscellaneous

28.	Special	Premium on Industrial Insurance	Lump	\$ <u>1000⁰⁰</u>	<u>1000⁰⁰</u>
19.	614	Maintaining Traffic	Lump	<u>1000⁰⁰</u>	<u>1000⁰⁰</u>
				Sub-Total Miscellaneous	\$ <u>2000⁰⁰</u>
				TOTAL BID	\$ <u>142,505⁴⁰</u>

SPECIAL CONDITIONS

1. The Engineer shall furnish to the contractor line and grade stakes as required for the work. It shall be the responsibility of the contractor to preserve all stakes and bench marks. Any destroyed shall be replaced at the expense of the contractor.
2. Excavation in the vicinity of existing structures or utilities shall be carefully done and the contractor shall be held responsible for damage to and for maintenance and protection of same.
3. If at any time before the commencement or during the progress of the work, tools and equipment appear to the engineer to be insufficient or inappropriate to secure the quality of the work required at the proper rate of progress, the engineer may order the contractor to increase their efficiency, to augment their number, or to substitute new tools or equipment as the case may be, and the contractor must conform to such order.
4. Trees, plants, and shrubbery not shown on the plans and not to be removed shall be carefully protected during the progress of the work.
5. The contractor shall furnish, erect and maintain all temporary traffic control devices and facilities. All traffic control devices shall conform to Part VII of the Ohio Manual of Uniform Traffic Control Devices for Streets and Highways.
6. The contractor shall not proceed with construction work or move any materials or equipment on property where the right-of-way has not been acquired.
7. All of the work included in this contract shall meet with the approval of the Logan County Engineer and the Logan County Board of County Commissioners.

GENERAL CONDITIONS

1. The Contract Documents are complementary, and what is called for by any one shall be binding as if called for by all. The intention of the documents are to include all labor and materials, equipment and transportation necessary for the completion of the work. Materials or work described in words which so applied have a well known technical or trade meaning shall be held to such standards.
2. The State of Ohio Department of Highways Construction and Material Specifications as revised January 1, 1974 shall govern all items of this project.
 - a) The State: Whenever the term "The State" appears in the specifications it shall be changed to mean Logan County, acting through its authorized representatives.
 - b) Department: Whenever the term "The Department" appears in the specifications it shall be changed to mean the office of the Logan County Engineer.
 - c) Director: Whenever the term "The Director" appears in the specifications it shall be changed to mean the Logan County Engineer.
 - d) The Engineer: Whenever the work, Engineer, appears in the Contract Documents or specifications it shall mean the Logan County Engineer or his duly authorized representative.
3. The Engineer shall furnish to the Contractor free of charge, all copies of drawings and specifications necessary for the execution of the work.
4. The Contractor shall provide and pay for all materials, labor, water, tools, equipment, lights, power, transportation, and other facilities necessary for the execution, and completion of the work. All materials shall be new and both workmanship and materials shall be of good quality. The Contractor shall, if required, furnish satisfactory evidence of the quality and kind of materials.
5. The Contractor shall at all times enforce strict discipline and good order among his employees, and shall not employ on the work any unfit person or any one not skilled in the work assigned to him.
6. The Contractor shall pay all royalties and license fees. He shall defend all suits and claims for infringements of any patent rights and shall save the County harmless from loss on account thereof.

6. The Engineer shall furnish all surveys, permits and licenses of a temporary nature necessary for the prosecution of the work shall be secured by the Contractor.

The Contractor shall give all notices and comply with all laws, ordinances, rules, and regulations bearing on the conduct of the work as drawn and specified. If the Contractor observes that the drawings and specifications are at variance therewith, he shall promptly notify the Engineer, and any necessary change shall be adjusted as provided in the Contract for Changes in the work.

7. The Contractor shall continuously maintain adequate protection on all work from damage. He shall make good such damage, injury, or loss, except as may be due to errors in the Contract Documents. He shall adequately protect adjacent property. He shall provide and maintain all passage ways, barricades, lights, and other facilities for protection required by public authority or local conditions.

In an emergency affecting the safety of life or of the work or adjoining property, the Contractor, without special instructions or authorization from the Engineer, is hereby permitted to act, at his discretion, to prevent such threatened loss of injury, and he shall so act, without appeal, if so instructed and authorized.

8. The Engineer shall at all times have access to the work. If the specifications, the Engineer's instructions, or any public authority require any work to be specially tested or approved, the Contractor shall give the Engineer timely notice of its readiness for inspection. If any work should be covered up without approval or consent of the Engineer, it must, if required by the Engineer, be uncovered for examination at the Contractor's expense.

9. The Contractor shall at all times keep a satisfactory superintendent on the work, who shall represent the Contractor in his absence and all directions given to him shall be as binding as if given to the Contractor.

10. The County, without invalidating the Contract, subject to Section 5655.59 O.R.C., may order work or make changes by altering, adding to or deducting from the work, the Contract Amount be by adjusted accordingly. All such work shall be executed under the conditions of the original contract except that any claim for extension of time caused thereby shall be adjusted at the time of preparing such change.

Except in emergency endangering life or property, no extra work or change shall be made unless in pursuance of a written order by the Engineer and no claim for an addition to the Contract amount shall be valid unless so ordered.

The value of any such extra work or change shall be determined by estimate and acceptance in a lump sum or by unit prices named in the contract or subsequently agreed upon.

If the Engineer deems it expedient to correct work injured or done not in accordance with the Contract Documents, an equitable amount shall be made therefor.

11. If the Contractor should be adjudged a bankrupt, or be in any way financially insolvent, or if he should refuse or fail to supply properly skilled workmen or proper materials or otherwise be guilty of a substantial violation of the terms of this Contract, then the County, upon written certification by the Engineer that sufficient cause exists to justify such action may without prejudice to any other remedy and after giving the Contractor seven (7) days notice, terminate the employment of the Contractor and take possession of all tools, appliances, and materials thereon, and finish the work by whatever method he may deem expedient. In such case, the Contractor shall not be entitled to receive further payment until the work is finished.

If the unpaid balance in the Contract price shall exceed the expense of finishing the work, including compensation for additional managerial services, such excess shall be paid to the Contractor. If such expense shall exceed such unpaid balance, the Contractor shall pay the difference to the County.

12. If the Contractor should neglect to prosecute the work properly or fail to perform any provision of the Contract, the County, after three (3) days written notice to the Contractor, may without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the Contractor.

13. If the work should be stopped under an order of any court or other public authority for a period of three (3) months through no act or fault of the Contractor or of anyone employed by him, or if the Engineer should fail to issue any estimate within fourteen (14) days after it is due, or if the County should fail to pay the Contractor within fourteen (14) days of its maturity and presentation, any sum certified by the Engineer or awarded by arbitrators, then the Contractor may, upon seven (7) days written notice, terminate the Contract and recover from the County payment for all work executed and any loss sustained upon any materials and reasonable profit.

14. The County may withhold or, on account of subsequently discovered evidence, nullify the whole or a part of any certificate or such amount as may be necessary to protect itself from loss on account of:

- (A) defective work not remedied.
- (B) claims filed or evidence indicating probable filing.
- (C) failure of the Contractor to pay bills.
- (D) doubt that the Contract can be completed for the balance then unpaid.

When above grounds are removed payment shall be made for amounts withheld on account of them.

15. The Contractor shall indemnify and save harmless the County from and against all losses and claims, demands, payments, suits, actions, recoveries and judgments of every nature and description brought or recovered against the County. By reason of any act or omission of the said Contractor, his agents or employees, in the execution of the work or in the guarding of it.

16. The Contractor shall maintain during the life of this Contract, Workmen's Compensation Insurance for all of his employees to be engaged in work on the project under this Contract.

The Contractor shall also procure and maintain during the life of this Contract, Contractor's Public Liability Insurance in an amount not less than \$100,000 for injuries, including accidental death, to any one person and subject to the same limit for each person in an amount not less than \$300,000 on account of one accident, and the Contractor's Property Damage Insurance in an amount not less than \$100,000. Evidence of same must be submitted upon receipt.

17. The Contractor shall not assign the Contract or sublet it as a whole without the written consent of the County.

18. The Contractor shall carefully preserve bench marks, reference points and stakes, and in case of willful or careless destruction, he shall be charged with the resulting expense.

19. The Engineer shall have general supervision and direction of the work. He has authority to stop the work whenever such stoppage may be necessary to insure the proper execution of the Contract. He shall also have the authority to reject all work and materials which do not conform to the Contract, to direct the application of forces to any part of the work, to order the force increased or diminished, and to decide questions which arise in the execution of the work.

20. The Contractor shall, as directed by the Engineer, remove from public and private property at his expense all temporary structures, rubbish and waste materials resulting from his operations.

21. The Contractor will be expected to pay the prevailing minimum wage to all labor employed on this project as ascertained and determined for Logan County, Ohio, by the Department of Industrial Relations applicable to Public Improvement in accordance with Chapter 4115 of the Revised Code of Ohio. A copy of the said prevailing minimum wage is attached.

22. For each calendar day that any work shall remain uncompleted after the contract completion date, the liquidated damages, as described in 108 of the State of Ohio, Department of Highway's Materials and Specifications, dated January 1, 1975, may be imposed.

23. The Contractor will comply with Sections 153.59 and 153.60 O.R.C., Discrimination and Intimidation on Account of Race, Creed, or Color, and Forfeiture, when performing the work on this Project.



STATE OF OHIO
DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Women and Minors and Minimum Wage
PREVAILING WAGE SECTION

HELEN W. EVANS
Director

SAM J. MCADOW
Deputy Director

JAMES A. RHODES
Governor

2323 West Fifth Avenue, Room 2390

P.O. Box 825

Columbus, Ohio 43216

(614) 466-4340

June 17, 1975

THOMAS W. JOHNSON
Chief of Division

RECEIVED

JUN 19 1975

LOGAN COUNTY
ENGINEER

Chester R. Kurtz, P. E.
Logan County Engineer
Bellefontaine, Ohio 43311

Dear Mr. Kurtz:

We acknowledge your communication of June 9, 1975 requesting prevailing rates of wages on public improvements in LOGAN COUNTY, Logan County Bridge Project Br. 29-2.70.

Future requests for wage rates should contain information on the award date of the contract.

Enclosed are wage schedules approved by this Department as of this date. Schedules enclosed include the following:

Building Construction, including Hod Carriers and Common Laborers.

Hod Carriers and Common Laborers (Highway, Heavy, Sewer, Waterworks, Utility, Airport and Railroad Construction).

Operating Engineers (Building and Highway, Heavy, Railroad, Airport, Sewer and Waterworks Construction).

Cement Masons (Highway and Heavy Construction).

Applicable wage rates should be incorporated in all bidding blanks and contracts.

Thank you for your cooperation.

Yours very truly,

Thomas W. Johnson
Chief of Division

Margaret L. Omohundro

By: Margaret L. Omohundro

JUN 17 1975 DETERMINATION DATE
SEP 15 1975 EXPIRATION DATE

The following pages are prevailing rates of wages on public improvements fairly estimated over \$2,000.00, as ascertained by the Department of Industrial Relations for the county and on the date listed above, and as provided for in Sections 4115.03 through 4115.14 of the Ohio Revised Code.

Section 4115.05 provides, in part: "Where contracts are not awarded or construction undertaken within ninety days from the date of the establishment of the prevailing rate of wages, there shall be a redetermination of the prevailing rate of wages before the contract is awarded." The expiration date of this wage schedule is listed above for your convenience only. This wage determination is not intended as a blanket determination to be used for all projects during this period without prior approval of this Department.

Section 4115.04, Ohio Revised Code provides, in part: "Such schedule of wages shall be attached to and made a part of the specifications for the work and shall be printed on bidding blanks where the work is done by contract"

A further requirement in Section 4115.04, Ohio Revised Code, is: "A copy of the bidding blank shall be filed with the Department of Industrial Relations before such contract is awarded" The bidding blank should be filed with this Department at the same time that the invitations are furnished to the prospective bidders.

The contract between the letting authority and the successful bidder shall contain a statement requiring that mechanics and laborers be paid a prevailing rate of wages as required in Section 4115.06, Ohio Revised Code.

The contractor or subcontractor is required to file with the contracting public authority upon completion of the project and prior to final payment therefor, an affidavit stating he has complied with Chapter 4115. of the Ohio Revised Code.

The wage rates contained in this schedule are the "Prevailing Wages" as defined by Section 4115.03, Ohio Revised Code, and contain basic hourly rates plus certain fringe benefits. These rates and fringes shall be a minimum to be paid under a contract regulated by Chapter 4115., Ohio Revised Code, by contractors and subcontractors or by a letting authority if work is done by force account. The prevailing wage rates contained in this schedule include the effective dates and wage rates currently on file. In cases where future effective dates are not included in this schedule, modifications to the wage schedule will be furnished to you as soon as prevailing wage rate increases are received by this office.

There shall be posted in a prominent and accessible place on the site of the work a legible statement of the schedule of wage rates specified in the contract to the various classifications of laborers, workmen and mechanics employed, said statement to remain posted during the life of such contract." Section 4115.07 ORC

Apprentices will be permitted to work only under a bona fide apprenticeship program if such program exists and if such program is registered with the Ohio apprenticeship council.

Your attention is directed to two new provisions of Chapter 4115, Ohio Revised Code, effective September 26, 1974. Amended House Bill #1170 provides that no later than ten days before the first payment of wages is due to any employee of any contractor or subcontractor working on a contract regulated by Chapter 4115, ORC, the contracting public authority shall appoint one of his own employees to act as the prevailing wage coordinator for said contract. The duties of the prevailing wage coordinator are outlined in Section 4115.071 of the Ohio Revised Code. Amended House Bill #1171 provides for an escalator in the prevailing wage rate. Each time a new prevailing wage rate is established by the Department of Industrial Relations, then that rate is required to be paid on all ongoing public improvement projects.

Thomas W. Johnson
Chief of Division

Margaret L. Omohundro

By: Margaret L. Omohundro

SKILLED CRAFTS

LOGAN

COUNTY

CLASSIFICATIONS

EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT				
		H & W	PENS.	VAC.	APP. TR.	OTHERS
1-01-75	\$ 9.97	.35	.60		.01	
7-01-75	10.67	.35	.60		.01	
6-29-73	9.25	.40	.65		.02	
8-30-74	11.10	.50	.60		.01	
7-15-75	11.90	.50	.60		.01	
3-09-72	8.05	.15				
8-30-74	11.10	.50	.60		.01	
7-15-75	11.90	.50	.60		.01	
3-09-72	8.05	.15				
3-09-72	8.05	.15				
10-16-74	8.45	.35			.02	
3-09-72	8.05	.15				
10-16-74	9.54	.32	a		.04	
8-05-71	8.82	.195		c	.005	
8-05-71	6.17	.195		c	.005	
3-09-72	8.05	.15				
10-16-74	8.45	.35			.02	
10-16-74	8.45	.35			.02	
10-16-74	8.45	.35			.02	
3-09-72	8.05	.15				
3-09-72	8.05	.15				
10-16-74	8.85	.10			.01	
10-16-74	8.45	.35			.02	
11-01-69	6.10	.15				
10-16-74	8.75	.35			.02	

NOTICE

Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT				
		H & W	PENS.	VAC.	APP. TR.	OTHERS
8-28-72	\$ 6.90		.25			
8-28-72	7.25		.25			
8-28-72	7.60		.25			
8-28-72	7.45		.25			
8-28-72	8.25		.25			
8-28-72	6.90		.25			
8-28-72	6.90		.25			
8-28-72	6.90		.25			
8-28-72	6.90		.25			
8-28-72	7.25		.25			
8-28-72	7.70		.25			
8-28-72	.50 add.		.25			
8-28-72	6.90		.25			
8-28-72	7.45		.25			
8-28-72	7.25		.25			

CLASSIFICATIONS

- Brush-----
- Swing-----
- Sky-----
- Steel Work- Structural Steel-----
- Steeple Jack Work-----
- Rollers, except Epoxie-----
- Metal Pipes, Pipe Covering-----
- Sanding, Cleaning, Erecting-----
- Placing- Removing Drop Cloths-----
- Dry Wall Tapers-----
- Sandblasting, Sand or Steam-----
- Application of Epoxie-----
- Paperhanger-----
- Paperhanger, Own Tools-----
- Removing Paper with Steam-----

NOTICE
Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

SKILLED CRAFTS

LOGAN

COUNTY

CLASSIFICATIONS

EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT				
		H & W	PENS.	VAC.	APP. TR.	OTHERS
7-05-74	\$ 8.30	.45	.10		.01	
1-01-75	10.01	.35	.60		.04	.03
7-01-75	10.61	.35	.60		.04	.03
6-29-73	9.25	.40	.65		.02	
6-29-73	9.25	.40	.65		.02	
1-01-75	9.275	.60	.65		.045	
1-01-75	9.275	.60	.65		.045	
1-01-75	9.275	.60	.65		.045	
1-01-75	9.275	.60	.65		.045	
1-01-75	9.80	.40	.60		.12	.34
7-01-75	10.21	.40	.60		.12	.03
1-01-75	10.01	.35	.60		.04	.03
7-01-75	10.61	.35	.60		.04	.03
6-29-73	9.25	.40	.65		.02	
3-09-72	8.05	.15				
3-09-72	8.05	.15				
11-01-69	6.10	.15				
11-01-69	6.10	.15				

Plasterers-----
 Plumbers-----
 Reinforcing Placers-----
 Riggers and Machinery Movers-----
 Roofers, Composition-----
 Roofers, Dampproofer- Spray-----
 Roofers, Waterproofer-----
 Roofers, Slate and Tile-----
 Sheet Metal Workers-----

Steel Sash Erectors-----
 Stonemasons-----
 Stonemason Cutters-----
 Terrazzo and Mosaic-----
 Tile Setters-----

NOTICE

Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

MISCELLANEOUS BUILDING

LOGAN

COUNTY

CLASSIFICATIONS

EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT				
		H & W	PENS.	VAC.	APP. TR.	OTHERS
7-01-70	\$ 5.45		.20	.10		
12-01-69	6.60	.15	c		.2%	
10-16-74	8.75	.35	.35		.02	
6-29-73	9.25	.40	.65		.02	
6-29-73	9.25	.40	.65		.02	
6-29-73	9.25	.40	.65		.02	

- Glaziers-----
- Linemen-----
- Pipe Drivers-----
- Welder-----
- Fence Erectors-----
- Sheeters-----

NOTICE

Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

TRUCK DRIVERS - BUILDING

LOGAN
COUNTY

CLASSIFICATIONS	EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT					
			H A W	PENS.	VAC.	APP. TR.	OTHERS	
Truck Drivers and Helpers	10-16-74	\$ 5.20	7.00e	6.00e				
Boys	10-16-74	5.45	7.00e	6.00e				

NOTICE

Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

TRUCK DRIVERS - HEAVY AND HIGHWAY

LOGAN

COUNTY

CLASSIFICATIONS	EFF. DATE	BASIC HOURLY RATES	FRINGE BENEFIT PAYMENT				
			H & W	PENS.	VAC.	APP. TR.	OTHERS
Drivers, including, but not limited to, 4-Wheel Service Trucks; 4-wheel Dump Trucks; Batch Trucks; Oil Distributors; Asphalt Distributors-----	5-01-75 5-01-75	\$ 7.27 7.32	16.00d 16.00d	6.00d 6.00d			
Drivers, Tandem Trucks----- Drivers, Tractor-Trailer Combinations, including, but not limited to, Semi Tractor Trucks; Pole Trailers; Ready Mix Trucks; Fuel Trucks; Asphalt-Oil Spray-Bar Man when Operated from Cab*-----	5-01-75 5-01-75	7.37 7.47	16.00d 16.00d	6.00d 6.00d			
All Trucks Five(5) Axle and Over----- *Asphalt-Oil Spray-Bar Man when Operated from Cab-----	5-01-75	7.57	16.00d	6.00d			
Drivers, Euclid Wagons; Euclid End Dumps; Low Boys and Heavy Duty Equipment over 12 Cubic Yard Capacity (Irrespective of Load Carried) When Used Exclusively for Transportation; Truck Mechanics (When Needed)-----	5-01-75	7.74	16.00d	6.00d			
							NOTICE Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

HOD CARRIERS AND COMMON LABORERS - BUILDING CONSTRUCTION

FRINGE BENEFITS:	H & W	PENS.	VAC.	APP. TR.	OTHERS
	.50	.30		.02	

CLASSIFICATIONS

RATES PER HOUR
11-1-74

Building and Construction Laborers - - - - -	6.13
Mortar Mixers - - - - -	6.38
Mason Tenders - - - - -	6.38
Plasterer Tenders - - - - -	6.38
Air and Machine-Driven Tool Operators; Jackhammer; Barko and Chain Saw - - - - -	6.38
Wagon Drill; Hand Spikers; Power Concrete and Buggies - - - - -	6.38
Asphalt Raker and Tamper - - - - -	6.13
Powder Man and Blaster - - - - -	6.38
Gunnite Machine Operator and Nozzle Man - - - - -	6.38
Miners, Tunnel and Caisson - - - - -	6.38
Muckers, Tunnel and Caisson - - - - -	6.38
Carpenter Helper - - - - -	6.13
Waterboy - - - - -	6.13
Flagman and Signalman - - - - -	6.13
Sewer Pipe Layer and Bottom Man - - - - -	6.13
Vibrator; Air Spade and Other Small Tools - - - - -	6.13

Effective in the following Counties: Champaign

CLARK
Logan

NOTICE

Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

HOD CARRIERS AND COMMON LABORERS - HIGHWAY, HEAVY, SEWER, WATERWORKS,
UTILITY, AIRPORT AND RAILROAD CONSTRUCTION

FRINGE BENEFITS:	H & W	PENS.	VAC.	APP. TR.	OTHERS
	.55	.40		.05	

ZONE 3

CLASSIFICATIONS

RATES PER HOUR

5-19-75 5-01-76

Laborer (Construction); Flagman; Plant Laborer or Yardman; Right-Of-Way Laborer; Landscape Laborer; Utility Man or Handyman; Carpenter Helper; Waterproofing Laborer; Grade Checker; Sign Installer; Slurry Seal; Seal Coating; Surface Treatment or Road Mix Laborer; Rip Rap Laborer and Grouter; Asphalt Laborer; Dump Man (Batch Truck); Guard Rail and Fence Installer; Mesh Handler and Placer; Joint Setter; Concrete Curing Applicator; Scaffold Erector - - - - -	\$ 7.12	\$ 7.72
Asphalt Raker; Concrete Puddler; Kettle Man (Pipeline); All Machine-Driven Tools (Gas, Electric, Air); Mason Tender; Mortar Mixer; Sheeting and Shoring Man; Surface Grinder Man; Power Buggy or Power Wheelbarrow - - - - -	\$ 7.245	\$ 8.845
Form Setter; Bottom Man; Welder Helper (Pipeline); Concrete Saw Man; Cutting with Burning Torch; Pipe Layer; Hand Spiker (Railroad); Car Pusher (Without Air); Underground Man (Working in Sewer and Waterline, Cleaning, Repairing and Reconditioning); Air Track and Wagon Drill; Tunnel Laborer (Without Air); and Caisson, Cofferdam (Below 25' Deep)- - - - -	\$ 7.32	\$ 7.92
Blaster and Powder Man; Muckers; Top Lander; Wrencher (Mechanical Joints and Utility Pipeline); Yarner - - - - -	\$ 7.47	\$ 8.07
Curb Setter and Cutter; Miner Without Air; Gummite Nozzleman; Concrete Crew in Tunnel; Utility Pipeline Tapper; Waterline Caulker- - - - -	\$ 7.77	\$ 8.37
Watchmen - Rate per 40 Hr. Week- - - - -	\$135.00	\$145.00

Signalman will receive the rate equal to the rate paid the laborer classification for which he is signaling.

Effective in the following Counties:

- Adams, Allen, Ashland, Athens, Auglaize,
- Belmont, Brown, Butler, Carroll, Champaign,
- Clark, Clermont, Clinton, Columbiana, Coshocton,
- Crawford, Darke, Defiance, Delaware, Fairfield,
- Fayette, Franklin, Fulton, Gallia, Greene,
- Guernsey, Hamilton, Hancock, Hardin, Harrison,
- Henry, Highland, Hocking, Holmes, Jackson,
- Jefferson, Knox, Lawrence, Licking, Logan,
- Madison, Marion, Meigs, Mercer, Miami, Monroe,
- Montgomery, Morgan, Morrow, Muskingum, Noble,
- Paulding, Perry, Pickaway, Pike, Preble, Putnam,
- Richland, Ross, Sandusky, Scioto, Seneca, Shelby,
- Tuscarawas, Union, Van Wert, Vinton, Warren,
- Washington, Wayne, Williams and Wyandot

061075

Rates for certain laborers in the following counties are not appearing on this list. If you are a laborer in one of the following counties and your name does not appear on this list, please contact the Department of Industrial Relations, Bureau of Labor Statistics, 100 North High Street, Columbus, Ohio 43260.

OPERATING ENGINEERS - HIGHWAY, HEAVY, RAILROAD, UTILITY, AIRPORT, SEWER AND WATERWORKS CONSTRUCTION

FRINGE BENEFITS: H & W	PENS.	VAC.	APP. TR.	OTHERS
.46	.80		.11	.04

CLASSIFICATIONS

RATES PER HOUR

5-01-75 11-01-75 5-01-76 11-01-76

Master Mechanics - - - - - \$ 9.89 \$.25 \$.60 \$.25

Air Compressors on Steel Erection; Boiler Operator, Compressor or Generator when Mounted on a Rig; Cableways; Combination Concrete Mixers and Towers; Concrete Plants (Over 4 Yd. Capacity); Concrete Pumps; Cranes (All Types, including A-Frames, Boom Trucks, Cherry Pickers); Derricks; Draglines; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loaders; Floating Equipment (All Types); Helicopter Crew (Operator-Hoist or Winch); Hoes (All Types); Hoisting Engines; Hoisting Engines on Shaft or Tunnel Work; Industrial-Type Tractors; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotives (Standard Gauge); Maintenance Operators, Class A; Mixers, Paving (Single or Double Drum); Mucking Machines; Multiple Scraper; Pile Driving Machines (All Types); Power Shovels; Quad 9 (Double Pusher); Refrigerating Machine (Freezer Operation); Rotary Drill on Caisson Work; Slip Form Pavers; Tower Derricks; Tree Shredder; Trench Machines (Over 24" Wide); Truck Mounted Concrete Pumps; Tug Boat; Tunnel Machine and/or Mining Machine; Wheel Excavator - - - - -

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Asphalt Pavers; Automatic Subgrade Machine, Self-Propelled (CMI Type); Boring Machine Operator (More than 48"); Bulldozers; End Loaders; Kolman Loaders (Production Type-Dirt); Lead Grease Men; Maintenance Operator, Class B; Power Graders; Power Scrapers; Push Cats; Trench Machines (24" Wide and Under) - - - - - \$ 9.52

Air Compressors on Tunnel Work, Low Pressure; Asphalt Plant Engineer; Locomotive (Narrow Gauge); Mixers, Concrete (More than One Bag Capacity); Mixers, One Bag Capacity (Side Loader); Power Boilers over 15 Lb. Pressure; Pump Operator Installing and Operating Wellpoints; Pumps (4" and Over Discharge); Rollers-Asphalt; Utility Operator (Small Equipment); Welding Machines and Generators - - - - - \$ 8.48

Backfillers; Bar, Joint and Mesh Installing Machines; Batch Plants; Boring Machine Operators (48" or Less); Bulfloats; Burlap and Curing Machines; Compressors (Portable, Sewer, Heavy and Highway); Concrete Plants (Capacity 4 Yds. and Under); Concrete Saws (Multiple); Conveyors (Highway); Crushers; Deckhand; Drill, Highway (With Integral Power); Farm Type Tractors with Attachments (Highway); Finishing Machines; Firemen, Floating Equipment (All Types); Fork Lifts (Highway); Form Trenchers; Hydro Hammers; Hydro Seeders; Pavement Breakers; Plant Mixers; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form Handling Equipment; Road Widening Trenchers; Rollers (Brick, Grade, Macadam); Self-Propelled Power Spreaders; Self-Propelled Power Subgraders; Steam Firemen; Tractors (Pulling Sheepfoot Roller or Grader); Vibratory Compactors (With Integral Power) - - - - - \$ 8.05

Drum Firemen (Asphalt Plant); Helpers; Inboard-Outboard Motor Boat Launch; Oil Heaters (Asphalt Plant); Oilers; Power Driven Heaters; Pumps (Under 4" Discharge); Signalmen; Tire Repairmen - - - - - \$ 6.84

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GENERAL
061075

NOTICE

Rates for classifications not appearing on this list must be obtained from the Department of Industrial Relations

SUPPLEMENTAL SPECIFICATION
FOR THE CONSTRUCTION OF
BRIDGE NO. 29-2.70
LOGAN COUNTY

SPECIFICATIONS FOR SINMAST DEEP CONSERVATION

I. GENERAL:

The scope of this contract shall include all labor, materials, and equipment as shown on the drawings or herein specified. The materials placed--its qualities, color, and properties-- shall be at least equal to what has been specified herein. The product specified is SINMAST DEEP CONSERVATION, Product No. 1, manufactured by SINMAST OF AMERICA, INC., 1200 Greenleaf Avenue, Elk Grove Village, Illinois, 60007, and supplied by authorized, factory-trained Dealers.

The contractor shall select a supplier of the materials before submitting a bid for this work.

II. MATERIALS:

A. Penetrating Sealer

The penetrating sealer shall be a two-component, modified epoxy system, consisting of a modified resin, curing agents and a select blend of aromatic solvents.

1. Component A (modified epoxy resins) shall be a blend of select grades of aromatic solvents with fast evaporation qualities, a modified epoxy resin blend containing special modified Bisphenol A intermediates and shall meet the following requirements:

Weight per gallon, lbs.	7.15-7.35
Viscosity at 250C, Average cps.	2.4*
Specific gravity.	0.86-0.88
Color	Clear

Brookfield Model LVF:
*Spindle #1, 60 rpm
**Spindle #2, 60 rpm

2. Component B (Curing Agent) shall be a propriety mixed polyamide and shall meet the following requirements:

Weight per gallon, lbs. 8.08-8.28
Viscosity at 25°C, Average cps. 200.0**
Specific gravity. 0.97-0.99
Color Dark Brown

3. Special Note

No plasticizers, flexibilizers, oils or diluents that remain unreactive in the resin or curing agents are permitted in the formulation.

4. Mixing of Components A and B

Add Component B into Component A and blend until evenly mixed.

Ratio of product mixtures: Component A 90%, and Component B 10%, all measurements by weight.

5. Properties of Mixed Product

Weight per gallon, lbs. 7.24-7.44
Viscosity at 25°C, Average cps. 3.2**
Specific gravity. 0.87-0.89
Solids by weight. 15%
Color Clear
Potlife 25°C, (77°F). 6 Hours Plus
Flexibility No breaking or cracking of film with normal concrete movements.
No film shall be present on surface of the concrete.

Film. None

Glare No change from existing conditions

Skid Properties prior to application, unless sand is added.

Gel Time 1-2 hours after application

Traffic allowed over treated concrete as soon as solvents evaporate from surface, 15-45 minutes. Workable temperatures down to +50F. (-15°C.).

6. Packaging and Marking

Each container shall be clearly marked with product name, component designation ("A" or "B"), manufacturer's name, batch number, and ratio of component mixtures. Container sizes: 6½ and 55 gallon drums.

III. APPLICATION:

A. Determine rate of application by applying Sinmast Deep Conservation over a test area. Mark off three areas one square foot each. Two coats will be required for proper application. Normally the first coat will be the lightest application rate and the second will be a heavier coat (more solids are being applied per square foot on the second application). Remember that a film should never develop on the surface of the concrete. If a film develops the material is being applied too thick and the rate of application should be reduced. Brush the Sinmast Deep Conservation over the test area. After applying the first coat, the second may be applied when the solvent has evaporated from the surface. As a guide only, the following general specifications for highway concrete will normally require two applications at the approximate rates shown below. Please remember the application rates are determined by the porosity of the concrete and each job must be individually determined.

TYPICAL HIGHWAY CONCRETE SPECIFICATIONS

Compressive Strength 5,000-6,000 psi

PROPERTIES OF PLASTIC CONCRETE

Slump 3" to 4"
Air Content 4.75 to 6.0%

FIRST APPLICATION OF SINMAST DEEP CONSERVATION

1 gallon per 200-300 sq. ft.

SECOND APPLICATION OF SINMAST DEEP CONSERVATION

1 gallon per 75-125 sq. ft.

The following figures will assist you in determining the correct application rates. A one-inch brush will normally hold about ten grams of Sinmast Deep Conservation. Figures are approximate; however, will enable you to determine proper application of each coating.

<u>SQ. FT. PER GALLON</u>	<u>GRAMS PER SQ. FT.</u>
50	68.0
75	45.3
100	34.0
125	27.2
150	22.6
175	19.4
200	17.0
250	13.6
300	11.3
350	9.7
400	8.5

B. NEW CONCRETE APPLICATIONS

Normally no blasting or grinding of the surface to be treated will be necessary, however, if laitence is weak or spalling has occurred the surfaces should be thoroughly cleaned down to solid concrete. Wash all debris and dirt from the concrete with clean water or blow clean with an air blast. Allow to dry before applying material.

- C. After rates of application have been determined the Simmast Deep Conservation may be applied by power spray equipment, rollers, or brushes.
- D. Traffic may drive over treated surface as soon as solvents have evaporated or concrete looks dry.