

STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION

VARIOUS

County

Page 1 of 1 Pages

District No. 12

MINUTE ORDER

IT IS ORDERED that the attached program entitled the 1987 CONSOLIDATED REHABILITATION PROGRAM (ADDENDUM), DISTRICT 12 be and is hereby approved and the Engineer-Director is directed to proceed in the most feasible and economical manner with the individual projects.

Submitted by:

Jose Gallegos

(Title) Administrative Assistant

Examined and recommended by:

[Signature]

Deputy Director

Approved:

M. G. Hood

Engineer-Director

Approved:

Commissioner

Commissioner

Commissioner

Minute Number

84598

Date Passed

JUN 25 86

**STATE DEPARTMENT OF HIGHWAYS
AND
PUBLIC TRANSPORTATION**



**1987 CONSOLIDATED REHABILITATION PROGRAM
(ADDENDUM)**

DISTRICT 12

CATEGORY 4

JUNE 13, 1986

FOREWORD

1987 CONSOLIDATED REHABILITATION PROGRAM

Minute Order 84184 dated February 26, 1986, copy attached, established the combining of Interstate, Primary, Secondary and State System rehabilitation projects into an annual CONSOLIDATED REHABILITATION PROGRAM of \$300 million. This Minute Order also modified the basis of allocation to 50% vehicle miles and 50% lane miles. The consolidated format was established to allow Districts to assign priorities on the basis of needs without being restricted by system constraints. Projects on the highest system were given highest priority with particular emphasis placed on those sections of any system where high traffic volumes prevail.

The amount of funds allocated for District 12 in the 1987 CONSOLIDATED REHABILITATION PROGRAM is shown on the attached sheet. Minute Order 84450 approved the 1987 CONSOLIDATED REHABILITATION PROGRAM for all Districts except District 12, Houston. The Program submission for District 12 is submitted herewith. The entire amount is available for construction.

This annual CONSOLIDATED REHABILITATION PROGRAM is made up of projects on the Interstate, Primary, Secondary, and State Systems. For analysis purposes, the projects were separated into the subcategories of Pavement Rehabilitation and Upgrade to Standards. Pavement Rehabilitation projects are for the restoration and resurfacing of pavement. Upgrade to Standards projects include widening and reconstructing to improve design standards.

STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION

VARIOUS

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Page 1 of 1 Pages

District No.

VARIOUS

MINUTE ORDER

WHEREAS, Minute Order 83033 dated April 18, 1985 established programs of work and associated guidelines for program formulation; and

WHEREAS, changing conditions require that certain modifications be made in the guidelines for formation of the Interstate Highway System - Rehabilitation Program [Category 2(b) and 2(c)] and the Primary, Secondary and State Systems Rehabilitation Program (Category 4);

NOW, THEREFORE, the Engineer-Director is directed to proceed with the development of a consolidated rehabilitation program based on the following guidelines:

Category	Program	Annual Program Amount	Basis of Apportionment	Approx. Time for Commission Consideration
2(b), 2(c) & 4	Consolidated Rehabilitation	\$300 Million	50% Vehicle Miles 50% Lane Miles	May

Submitted by:

Osie Pellegrino

(Title) Administrative Assistant

Examined and recommended by:

[Signature]

Deputy Director

Approved

M. H. [Signature]

Engineer-Director

Approved:

Commissioner

Minute Number

84184

Commissioner

Date Passed

FEB 26 86

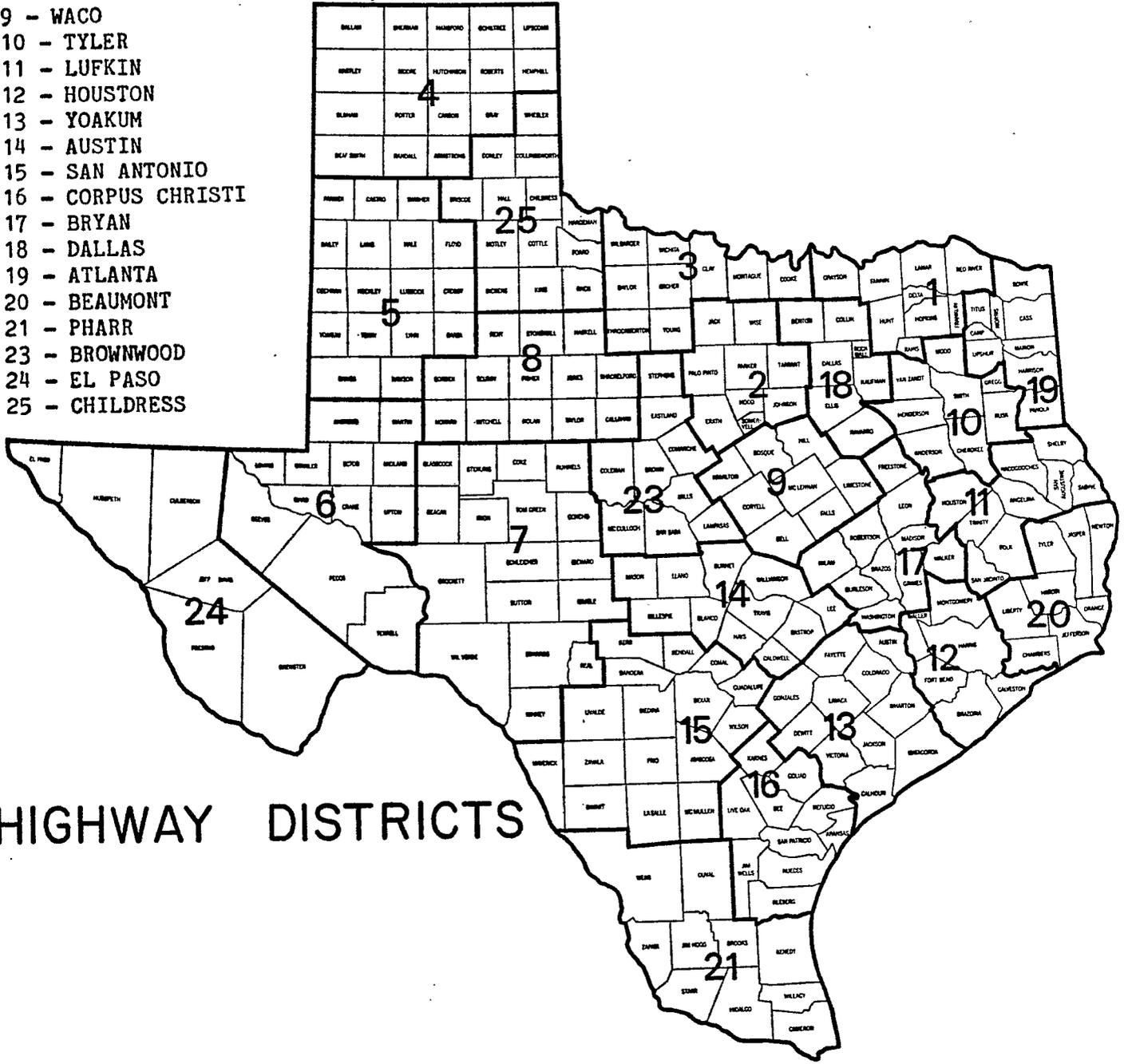
Commissioner

1987 CONSOLIDATED REHABILITATION PROGRAM

DISTRICT	IH,US,ST & FM RD LANE MI	%	IH,US,ST & FM RD VEH MILE	%	50% LANE 50% VEH MILES	DISTRICT APPORTION (87 CONSOL)
1	6,779.7	3.75	6,147,758	2.31	3.03	9,099,693
2	8,042.3	4.45	20,919,137	7.87	6.16	18,486,309
3	6,192.6	3.43	4,972,748	1.87	2.65	7,948,930
4	9,003.9	4.98	6,872,194	2.59	3.79	11,355,440
5	11,590.2	6.42	7,185,550	2.70	4.56	13,679,799
6	7,789.5	4.31	5,952,262	2.24	3.28	9,827,802
7	8,141	4.51	3,881,664	1.46	2.98	8,950,837
8	8,238.8	4.56	5,569,613	2.10	3.33	9,984,867
9	7,383	4.09	8,635,987	3.25	3.67	11,005,201
10	8,240.4	4.56	10,637,031	4.00	4.28	12,846,685
11	6,128.5	3.39	5,633,484	2.12	2.76	8,268,683
12	8,202.7	4.54	47,144,104	17.74	11.14	33,423,137
13	7,653.3	4.24	7,960,750	3.00	3.62	10,848,476
14	8,083.8	4.47	14,409,244	5.42	4.95	14,846,020
15	12,584.7	6.97	21,112,682	7.95	7.46	22,367,238
16	6,574.9	3.64	8,948,877	3.37	3.50	10,510,836
17	6,631.7	3.67	7,455,860	2.81	3.24	9,715,210
18	9,656.8	5.35	35,446,038	13.34	9.34	28,027,113
19	6,128.4	3.39	6,802,833	2.56	2.98	8,928,682
20	5,348.8	2.96	10,053,924	3.78	3.37	10,116,557
21	6,708.6	3.71	8,469,211	3.19	3.45	10,351,086
22	0	.00	0	.00	.00	0
23	5,629.7	3.12	2,981,781	1.12	2.12	6,357,665
24	4,546.6	2.52	6,381,863	2.40	2.46	7,377,639
25	5,371.9	2.97	2,153,576	.81	1.89	5,676,096
	180,651.8	100.00	265,728,171	100.00	100.00	300,000,000

DISTRICT

- 1 - PARIS
- 2 - FORT WORTH
- 3 - WICHITA FALLS
- 4 - AMARILLO
- 5 - LUBBOCK
- 6 - ODESSA
- 7 - SAN ANGELO
- 8 - ABILENE
- 9 - WACO
- 10 - TYLER
- 11 - LUFKIN
- 12 - HOUSTON
- 13 - YOAKUM
- 14 - AUSTIN
- 15 - SAN ANTONIO
- 16 - CORPUS CHRISTI
- 17 - BRYAN
- 18 - DALLAS
- 19 - ATLANTA
- 20 - BEAUMONT
- 21 - PHARR
- 23 - BROWNWOOD
- 24 - EL PASO
- 25 - CHILDRESS



HIGHWAY DISTRICTS

ABBREVIATIONS & DEFINITIONS

District Number	Numeric Designation of Area of State (See Attached Map of State)
Control-Section-Job	Project Identification Number
Hwy No.	Highway Number
ROW	Right of Way
Const.	Construction
Proj. Descr.	Project Description
Pres. ADT	Present Average Daily Traffic (Thousands)
Proj. ADT	Projected Average Daily Traffic (20 years) (Thousands)
2 or 4 CR	2 or 4 Lane Conventional (Undivided Rural)
4 or 6 DR	4 or 6 Lane Divided Rural
4 or 6 FR	4 or 6 Lane Freeway Rural
2,4 or 6*U	2, 4 or 6 Lane Undivided Urban
4 or 6*D	4 or 6 Lane Divided Urban
4,6,8 or 10*F	4, 6, 8 or 10 Lane Freeway Urban
4 or 6/R	4 or 6 Lane Frontage Roads (Rural)
4 or 6/U	4 or 6 Lane Frontage Roads (Urban)
0 (Zero)	Not Applicable
PES Score	Pavement Evaluation Score

ABBREVIATIONS & DEFINITIONS (Continued)

Cost per Vehicle Mile	Total Construction Cost Divided by the Product of Multiplying Present Average Daily Traffic Times Length of Project
Life Exp (Years)	Number of years expected for the design in life of project
Surf	Surfacing
Asph	Asphalt
Conc	Concrete
Pav	Pavement
Flex	Flexible
Fl Bs	Flexible Base
Pav Mark	Pavement Markings
Wdn	Widen
ACP Overlay	Asphaltic Concrete Overlay
CST	Course Surface Treatment

PROJECT DEVELOPMENT PLAN
 1987 CONSOLIDATED REHABILITATION PROGRAM
 CATEGORY 4

10:04 WEDNESDAY, JUNE 11, 1986 1

14 UPGRADE TO STANDARDS PROJECTS RANKED BY COST PER VEHICLE MILE

DISTRICT HDQRTRS	COUNTY	HWY NO	CONT-SEC-JOB	LENGTH (MILES)	LETTING DATE	R.O.W. COST (DOLLARS)	PROGRAM COST (DOLLARS)
12 HOUSTON	BRAZORIA	SH 35	178-03-108	2.7	MAY87	\$0	\$1,119,000
LIMITS FROM: S END SH 6 O/P		TO:LP 409 (S)					
EXIST. FACILITY: 4DR		PROP. FACILITY:		PROJ. DESCR.: BASE AND JOINT REPAIR AND IMPROVE SHOULDERS			
12 HOUSTON	BRAZORIA	SH 35	178-02-056	2.6	MAY87	\$0	\$1,110,000
LIMITS FROM: LP 409 (N)		TO:S END SH 6 O/P					
EXIST. FACILITY: 4DR		PROP. FACILITY:		PROJ. DESCR.: BASE AND JOINT REPAIR AND IMPROVE SHOULDERS			
12 HOUSTON	HARRIS	FM 1942	1812-01-012	8.0	AUG87	\$0	\$1,128,000
LIMITS FROM: CROSBY-LYNCHBURG RD		TO:CHAMBERS C/L					
EXIST. FACILITY: 2CR		PROP. FACILITY:		PROJ. DESCR.: ROTOMILL AND RESURFACE			
12 HOUSTON	GALVESTON	FM 1266	976-05-016	6.3	SEP87	\$0	\$1,225,000
LIMITS FROM: FM 518		TO:FM 517					
EXIST. FACILITY: 2CR		PROP. FACILITY:		PROJ. DESCR.: BASE REPAIR, OVERLAY AND IMPROVE SHOULDERS			
12 HOUSTON	BRAZORIA	FM 2403	2950-01-004	4.5	DEC87	\$0	\$805,000
LIMITS FROM: SH 35		TO:FM 2917					
EXIST. FACILITY: 2CR		PROP. FACILITY:		PROJ. DESCR.: BASE REPAIRS, OVERLAY AND REGRADE DITCHES			
12 HOUSTON	FORT BEND	SH 36	188-02-025	14.2	JAN88	\$0	\$4,490,000
LIMITS FROM: PLEAK		TO:BRAZORIA C/L					
EXIST. FACILITY: 2CR		PROP. FACILITY:		PROJ. DESCR.: BASE AND JOINT REPAIRS, ADD SHOULDERS AND OVERLAY			
12 HOUSTON	GALVESTON	FM 646	3049-01-011	5.2	JUN87	\$0	\$1,360,000
LIMITS FROM: FM 1266		TO:FM 517					
EXIST. FACILITY: 2CR		PROP. FACILITY:		PROJ. DESCR.: BASE REPAIR AND OVERLAY			
12 HOUSTON	HARRIS	FM 865	976-01-024	2.2	MAR87	\$0	\$530,000
LIMITS FROM: ALMEDA-GENOA RD		TO:BRAZORIA C/L					
EXIST. FACILITY: 2CR		PROP. FACILITY:		PROJ. DESCR.: REPAIR BASE AND OVERLAY			

DISTRICT PRIORITY	PRES ADT	PROJ ADT	% TRUCKS	PES SCORE	LIFE EXP (YEARS)	TOTAL COST	COST PER VEHICLE MILE	PROJECT RANK
10/ 14	15.5	41.1	14	0	N	\$1,119,000	\$26.74	17
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								
9/ 14	15.5	41.1	14	0	N	\$1,110,000	\$27.54	19
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								
3/ 14	4.6	9.2	8.0	0	N	\$1,128,000	\$30.65	20
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								
14/ 14	4.5	11.1	8.0	0	N	\$1,225,000	\$43.21	30
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								
11/ 14	3.8	8.6	8.0	0	N	\$805,000	\$47.08	33
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								
8/ 14	6.7	11.3	15	0	N	\$4,490,000	\$47.19	34
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								
2/ 14	3.9	12.0	8.0	0	N	\$1,360,000	\$67.06	49
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								
5/ 14	2.5	5.9	8.0	0	N	\$530,000	\$96.36	72
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								

PROJECT DEVELOPMENT PLAN
 1987 CONSOLIDATED REHABILITATION PROGRAM
 CATEGORY 4
 14 UPGRADE TO STANDARDS PROJECTS RANKED BY COST PER VEHICLE MILE

DISTRICT HDQRTRS	COUNTY	HWY NO	CONT-SEC-JOB	LENGTH (MILES)	LETTING DATE	R.O.W. COST (DOLLARS)	PROGRAM COST (DOLLARS)
12 HOUSTON	BRAZORIA	FM 1495	587-01-043	3.7	JUL87	\$0	\$1,288,137*
LIMITS FROM: FM 523		TO:END OF MAINT					
EXIST. FACILITY: 2CR		PROP. FACILITY:		PROJ. DESCR.: BASE AND JOINT REPAIR AND OVERLAY			
12 HOUSTON	MONTGOMERY	FM 1484	1417-01-014	13.8	JUN88	\$0	\$6,824,000
LIMITS FROM: LP 336 (N)		TO:SH 105 E OF CUT'N SHOOT					
EXIST. FACILITY: 2CR		PROP. FACILITY:		PROJ. DESCR.: WIDEN, STRENGTHEN BASE AND RESURFACE			
12 HOUSTON	MONTGOMERY	FM 1488	523-10-014	13.5	APR88	\$0	\$8,081,000
LIMITS FROM: FM 149		TO:IH 45					
EXIST. FACILITY: 2CR		PROP. FACILITY: .		PROJ. DESCR.: REPAIR BASE, OVERLAY AND ADD SHOULDERS			
12 HOUSTON	HARRIS	SH 288	598-01-041	1.0	NOV87	\$0	\$2,810,000
LIMITS FROM: YELLOWSTONE		TO:IH 610					
EXIST. FACILITY: 8*F		PROP. FACILITY:		PROJ. DESCR.: SLOPE REPAIRS AND DRAINAGE IMPROVEMENTS			
12 HOUSTON	BRAZORIA	FM 865	976-02-054	1.8	JUL87	\$0	\$607,000
LIMITS FROM: HARRIS C/L		TO:FM 518					
EXIST. FACILITY: 2CR		PROP. FACILITY:		PROJ. DESCR.: REPAIR BASE, ROTOMILL AND OVERLAY			
12 HOUSTON	MONTGOMERY	FM 1484	1417-01-015	2.4	MAY87	\$0	\$1,146,000
LIMITS FROM: SH 105 IN CONROE		TO:LP 336 (N)					
EXIST. FACILITY: 2CR		PROP. FACILITY:		PROJ. DESCR.: STRENGTHEN BASE AND RESURFACING			
* ADDITIONAL FUNDS IN OTHER PROGRAM(S)				81.9	DIST TOTAL	\$0	\$32,523,137

DISTRICT PRIORITY	PRES ADT	PROJ ADT	% TRUCKS	PES SCORE	LIFE EXP (YEARS)	TOTAL COST	COST PER VEHICLE MILE	PROJECT RANK
15/ 14	5.4	13.2	8.0	0	N	\$1,971,000	\$98.65	76
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								
0/ 14	4.1	9.7	8.0	0	N	\$6,824,000	\$120.61	85
COMMENTS: ELIGIBLE FOR FEDERAL AID-NO. DIST ADVISED THAT PROJECT WILL NOT MEET STDS. LETTER IS TO BE FORWARDED.								
6/ 14	4.8	21.6	6.0	0	N	\$8,081,000	\$124.71	87
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								
7/ 14	21.0	34.2	8.0	0	N	\$2,810,000	\$133.81	90
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								
4/ 14	2.0	6.1	8.0	0	N	\$607,000	\$168.61	101
COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.								
13/ 14	2.3	4.7	8.0	0	N	\$1,146,000	\$207.61	109
COMMENTS: ELIGIBLE FOR FEDERAL AID-NO. DIST ADVISED THAT PROJECT WILL NOT MEET STDS. LETTER IS TO BE FORWARDED.								

PROJECT DEVELOPMENT PLAN
 1987 CONSOLIDATED REHABILITATION PROGRAM
 CATEGORY 4

10:04 WEDNESDAY, JUNE 11, 1986 1

1 PAVEMENT REHABILITATION PROJECTS RANKED BY COST PER VEHICLE MILE

DISTRICT HDQRTRS	COUNTY	HWY NO	CONT-SEC-JOB	LENGTH (MILES)	LETTING DATE	R.O.W. COST (DOLLARS)	PROGRAM COST (DOLLARS)
12 HOUSTON	HARRIS	IH 10W	271-07-182	6.5	JAN87	\$0	\$900,000
LIMITS FROM: IH 610				TO: WEST BELT			
EXIST. FACILITY: 6*F 6/U PROP. FACILITY:				PROJ. DESCR.: JOINT REPAIRS AND SEAL CRACKS			
* ADDITIONAL FUNDS IN OTHER PROGRAM(S)				6.5	DIST TOTAL	\$0	\$900,000

DISTRICT PRIORITY	PRES ADT	PROJ ADT	% TRUCKS	PES SCORE	LIFE EXP (YEARS)	TOTAL COST	COST PER VEHICLE MILE	PROJECT RANK
1/ 1	186.0	375.0	8.0	55	N	\$900,000	\$0.74	1

COMMENTS: ELIGIBLE FOR FEDERAL AID-YES.

TOTAL CONSTRUCTION COST
FOR PROJECTS IN THE 1987 CONSOLIDATED REHABILITATION PROGRAM
FOR DISTRICT 12

14 Upgrade to Standards Projects Totaling	\$ 32,523,137.
1 Pavement Rehabilitation Project Totaling	900,000.
	<hr/>
GRAND TOTAL FOR 15 PROJECTS	\$ 33,423,137.