

Territory of Guam
Territorio de Guam

OFFICE OF THE GOVERNOR
OFISINAN I MAGA LAHI
AGANA, GUAM 96910 U.S.A.

JAN 23 1990



The Honorable Joe T. San Agustin
Speaker, Twentieth Guam Legislature
Post Office Box C3-1
Agana, Guam 96910

Dear Mr. Speaker:

Transmitted herewith is Bill No. 1016, which I have signed into law this date as Public Law No. 20-127.

Sincerely,

FRANK F. BLAS
Governor of Guam
Acting

200672

Attachment

RECEIVED JAN 24 1990



COPIED AT GOVERNMENT EXPENSE

Commonwealth of Guam

TWENTIETH GUAM LEGISLATURE
1990 (SECOND) Regular Session

CERTIFICATION OF PASSAGE OF AN ACT TO THE GOVERNOR


This is to certify that Substitute Bill No. 1016 (LS), "AN ACT TO APPROPRIATE FUNDS FROM THE GENERAL FUND TO THE DEPARTMENT OF PUBLIC WORKS TO ADDRESS THE FLOODING DAMAGE RESULTING FROM TROPICAL STORM COLLEEN," was on the 5th day of January, 1990, duly and regularly passed.


JOE T. SAN AGUSTIN
Speaker


Attested:


PILAR C. LUJAN
Senator and Legislative Secretary

This Act was received by the Governor this 12 day of Jan., 1990,
at 6:00 o'clock AM.


Assistant Staff Officer
Governor's Office

APPROVED:


FRANK F. BLAS
Governor of Guam
Acting

Date: January 23 1990

Public Law No. 20-127

TWENTIETH GUAM LEGISLATURE
1989 (First) Regular Session

Bill No. 1016 (LS)

As Substituted by the Committee on Ways & Means and Committee on General Governmental Operations and further substituted by the Committee on Rules and as Amended by the Committee of the Whole

Introduced by:

C. T.C. GUTIERREZ
T. S. NELSON
L. P. AGUON
F. J.A. QUITUGUA
H. D. DIERKING
E. P. ARRIOLA
M. Z. BORDALLO
P. C. LUJAN
G. MAILLOUX
D. PARKINSON
E. D. REYES
J. T. SAN AGUSTIN
F. R. SANTOS
J. G. BAMBA
D. F. BROOKS
E. ESPALDON
M. C. RUTH
M. D. MANIBUSAN
E. R. DUENAS
T. V.C. TANAKA
A. R. UNPINGCO

AN ACT TO APPROPRIATE FUNDS FROM THE GENERAL FUND TO THE DEPARTMENT OF PUBLIC WORKS TO ADDRESS THE FLOODING DAMAGE RESULTING FROM TROPICAL STORM COLLEEN.

1 BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

2 Section 1. The sums listed in each section below are appropriated from the
3 General Fund to the Department of Public Works (the "Department") to fund the
4 costs of immediate correction and repairing of damage from Tropical Storm Colleen
5 and to prevent future flooding problems. In those instance where the sums
6 appropriated for land, survey and design costs are also sufficient to include
7 construction costs, at least in part, the Department is authorized to undertake
8 construction thereof.

9 Section 2. Four Hundred Nine Thousand Dollars (\$409,000) are
10 appropriated to the Department for the village of Agana-Anigua in the following
11 amounts for the following projects:

1	PROJECT	LAND	TOPOGRAPHICAL	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
3	West O'Brien Drive	\$10,000	\$10,000	\$90,000
4	Bradley Street	10,000	7,500	40,000
5	10th Street and O'Brien Drive	10,000	8,500	48,000
6	6th Street and O'Brien Drive	15,000	10,000	150,000

7 **Section 3.** Six Hundred Thirty Nine Thousand One Hundred Dollars
8 (\$639,100) are appropriated to the Department for the village of **Agana Heights** in the
9 following amounts for the following projects:

10	PROJECT	CONSTRUCTION
11	<u>LOCATION</u>	<u>COST</u>
12	Flooding at the residences of Jose P. Cruz,	
13	Jose and Florence Gutierrez, Peter Johnson,	
14	Pedro F. Delgado, Pedro Salas and the roadside	
15	near Gus Delgado's residence	\$117,000
16	Fonte River Bridge at Route 7	16,000
17	Dry well at J. Cruz Avenue	34,000
18	Reinforced Concrete Pole ("RCP") and inlet at	
19	Taigagao Road and Javier Avenue	149,000
20	RCP and inlet at Ulloa Untalan Avenue	9,800
21	Dry well at Gutierrez Way	34,000
22	Dry well at Gigao Road	5,900
23	Dry well at mason Road	34,000
24	RCP and inlet at Cotla Drive	9,800
25	RCP and inlet at Punot Drive	9,800
26	RCP and inlet at Joseph Cruz Avenue	9,800
27	Replace box culvert at Fonte Bridge	210,000

28 **Section 4.** Forty Thousand Five Hundred Dollars (\$40,500) are appropriated

1 to the Department for the village of **Agat** in the following amounts for the
 2 following projects:

3 PROJECT	TOPOGRAPHICAL	DESIGN
4 <u>LOCATION</u>	<u>SURVEY</u>	<u>COST</u>
5 Construction of water catchment, 6 concrete lined ditch and storm drain 7 at Fenili Sanchez Subdivision	2,500	6,000
8 Construction of concrete lined 9 ditch, storm drain manhole, RCP 10 and headwalls to take flood water to 11 Chaligan River and out to Pacific Ocean	4,000	6,000
12 Construct road side curbs at Santa Cruz St., San 13 Antonio St., San Francisco St., Tomas Rivers St., 14 Emelio Nededog St., Tomas Mesa St., and Lucas 15 Rodriguez St.	3,000	4,000
16 Construct culvert at S. Perino St. to Togcha River	2,000	5,000
17 Construct and install 30" RCP, storm drain manhole 18 and headwall at Atao Rd.	3,000	5,000

19 **Section 5.** One Hundred Eight Thousand Dollars (\$108,000) are
 20 appropriated to the Department for the villages of **Asan-Maina** in the following
 21 amounts for the following projects:

22 PROJECT	LAND	TOPOGRAPHICAL	DESIGN
23 <u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
24 Arriola's Apts. along Halsey Drive toward Maina siltation		3,000	10,000
25 Fonte Bridge area Rt. 7 clearing of inlets		5,000	5,000
26 Candelaria Rd. culvert inlet and outlet clogged		2,000	5,000
27 Maina House		3,000	25,000
28 Nimitz Hill Navy Housing drainage erosion control		15,000	35,000

1 **Section 6.** Forty Two Thousand Dollars (\$42,000) are appropriated to the
 2 Department for the village of **Barrigada** in the following amounts for the following
 3 projects:

4 PROJECT	LAND	TOPOGRAPHICAL	DESIGN
5 <u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
6 Layang Barrigada, at Mr. George Garrido's and			
7 Mr. Antonio Kamminga's residences, additional			
8 land for ponding	35,000	2,000	5,000

9 **Section 7.** Three Hundred Twenty Two Thousand Dollars (\$322,000) are
 10 appropriated to the Department for the village of **Chalan Pago-Ordot** in the
 11 following amounts for the following projects:

12 PROJECT	LAND	TOPOGRAPHICAL	DESIGN
13 <u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
14 Drainage cleaning in Maimai area	35,000	5,500	30,000
15 Construct storm drainage system around			
16 Apusento Gardens	2,500	4,000	7,500
17 Construct storm drainage system around			
18 Ordot-Chalan Pago Elem. School	20,000	7,500	15,000
19 Clearing and cleaning of drainage			
20 system at intersection of Judge			
21 Sablan and Dero Sts.	20,000	7,500	15,000
22 Construction of ponding basin area			
23 near Apusento Gardens	85,000	7,500	60,000

24 **Section 8.** Sixty Thousand Dollars (\$60,000) are appropriated to the
 25 Department for the village of **Dededo** in the following amounts for the following
 26 projects:

1	PROJECT	LAND	TOPOGRAPHICAL	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
3	Upgrading of existing ponding basin			
4	including installation of fence and			
5	construction of ramps			40,000
6	Improvement of drainage swale along			
7	Y-Sengsong Rd.		5,000	15,000

8 **Section 9.** Two Hundred Ten Thousand Dollars (\$210,000) are appropriated
9 to the Department for the village of **Inarajan** in the following amounts for the
10 following projects:

11	PROJECT	LAND	TOPOGRAPHICAL	DESIGN
12	<u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
13	Construct drainage system to alleviate flooding at			
14	Mr. Carlos Paulino's residence	20,000	10,000	20,000
15	Construct ponding basin in			
16	Malojloj	100,000	10,000	50,000

17 **Section 10.** Fifty Five Thousand Dollars (\$55,000) are appropriated to the
18 Department for the village of **Merizo** in the following amounts for the following
19 projects:

20	PROJECT	LAND	TOPOGRAPHICAL	DESIGN
21	<u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
22	Box culvert (10' X 6') next to			
23	J. A. Cruz Ave., Merizo	20,000	2,000	5,000
24	Box culvert (20' X 10') at C & J			
25	Store, Merizo		2,000	5,000
26	Pipe culvert with 7 holes concrete pipe, Merizo		2,000	5,000
27	Box culvert (20' X 10') next to house no. 759 (Rt. 4)		2,000	5,000
28	Box culvert (30' X 10') next to house no. 840, Rt. 2		2,000	5,000

1 **Section 11.** Four Hundred Twenty Six Thousand Dollars (\$426,000) are
 2 appropriated to the Department for the village of **Mongmong-Toto-Maite** in the
 3 following amounts for the following projects:

4 PROJECT	LAND	TOPOGRAPHICAL	DESIGN
5 <u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
6 Toto Community Center ponding basin, 7 construct dry well		1,000	30,000
8 Construction of storm drainage 9 system from Rt. 8 intersection/Canada 10 Toto Rd. to Blas property	50,000	20,000	200,000
11 Construction of storm drainage system 12 at Mongmong-Toto Rd.		10,000	20,000
13 Construction of section wells 14 at Toto Dip	25,000	10,000	60,000

15 **Section 12.** Two Million Six Hundred Ten Thousand Six Dollars (\$2,610,006)
 16 are appropriated to the Department for the village of **Piti** in the following amounts
 17 for the following projects:

18 PROJECT	TOPOGRAPHICAL	DESIGN	CONSTRUCTION
19 <u>LOCATION</u>	<u>SURVEY</u>	<u>COST</u>	<u>COST</u>
20 Retaining seawall on Rt. 1 21 seashore side	1,000	1,500	
22 Taguag River Bridge located at 23 the end of Assumption Dr.	2,000	8,000	
24 Drainage system at Talleje/Hunter 25 residence	2,500	5,500	
26 Construction of 0.57 miles (5 lanes) 27 roadway and Aguada River Bridge 28 modification (Polaris)			2,161,506

1	PROJECT	LAND	TOPOGRAPHICAL	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
3	Construction of river bank at			
4	Aguada Bridge (Polaris)			351,000
5	Dredging of Masso to remove			
6	restrictions along river channel			52,000
7	Bela St.	5,000	20,000	

8 **Section 13.** Four Hundred Eighteen Thousand Five Hundred Dollars
9 (\$418,500) are appropriated to the Department for the village of Santa Rita in the
10 following amounts for the following projects:

11	PROJECT	LAND	TOPOGRAPHICAL	DESIGN
12	<u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
13	Construct storm drainage system to			
14	eliminate flooding from Namo Falls			
15	which flows to Borja/Laboton			
16	residence	150,000	30,000	60,000
17	Construct culvert and field inlet			
18	along roadway to relieve run-off along			
19	roadway to the San Vicente area		5,000	10,000
20	Installation of lined ditch at Olano Drive		10,000	20,000
21	Installation of lined ditch at Pale San Vitores St.		1,000	3,000
22	Installation of concrete curb and restoration			
23	of eroded areas at Pale Ramon St.		2,000	3,000
24	Construction of lined ditches and drainage			
25	modification at Pale Duenas St. adjacent to			
26	Mayor's office		10,000	20,000
27	Cleaning of drainage system at V. D.			
28	Lizama St. and construction of lined			

1	PROJECT	LAND	TOPOGRAPHICAL	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
3	V-shape swale		5,000	10,000
4	Construction of drainage system to alleviate			
5	stagnant storm run-off restricting traffic flow			
6	through Rt. 17-Cross Island Rd.		2,000	5,000
7	Installation of soil stabilization measures due to land			
8	slides and installation of storm drain at Bishop Apuron			
9	and Bishop Flores Sts. along Rt. 17		2,500	5,000
10	Clear line ditch and install culvert			
11	for storm drain at Sgt. E. Cruz St.			
12	and Kiko Ana Lane to Namu River		10,000	30,000
13	Clear debris and install concrete curb			
14	and concrete guard to prevent wash-off			
15	at Joaquin D. Perez St., Lower Talisay	25,000		

16 **Section 14.** One Hundred Fifteen Thousand Dollars (\$115,000) are
17 appropriated to the Department for the village of **Sinajana** in the following
18 amounts for the following projects:

19	PROJECT	CONSTRUCTION
20	<u>LOCATION</u>	<u>COST</u>
21	Elevate and widen existing coral road,	
22	Maria E. Perez residence	90,000
23	Retaining wall	15,000
24	Lined ditch behind Franquez Store	3,000
25	Lined ditch at Route 4 top	6,000
26	Provide steel grills at large inlet holes	
27	on catch basins	1,000

28 **Section 15.** One Hundred Ninety Three Thousand Five Hundred Dollars

1 (\$248,500) are appropriated to the Department for the village of Talofoto in the
 2 following amounts for the following projects:

3 PROJECT	LAND	TOPOGRAPHICAL	DESIGN	CONSTRUCTION
4 <u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>	<u>COST</u>
5 Francisco Siguenza,				
6 Mariano Blas				
7 St. (flooding)	15,000	7,500	10,000	
8 Vicente Aguon, Mata				
9 St. (flooding)	15,000	3,000	7,500	
10 Jose Rabago, As				
11 Ana St. (flooding)	20,000	7,500	15,000	
12 Rufo Lujan, As				
13 Ana St. (flooding)	30,000	5,000	30,000	
14 Flooding at				
15 Thomas Devorch	5,000	3,000	20,000	
16 Jose Mantanona,				
17 Ipan, Rt. 4 (flooding)				55,000

18 **Section 16.** One Million Seven Hundred Ninety Eight Thousand Dollars
 19 (\$1,798,000) are appropriated to the Department for the village of Tamuning-Tumon
 20 in the following amounts for the following projects:

21 PROJECT	LAND	TOPOGRAPHICAL	DESIGN
22 <u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
23 Construction of storm drainage			
24 system near Harmon (cold			
25 storage areas) access road			
26 leading to residential			
27 homes	150,000	10,000	60,000

1	PROJECT	LAND	TOPOGRAPHICAL	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
3	Construct roadway and			
4	drainage system along			
5	Marata St., Tumon	550,000	15,000	35,000
6	Construction of drainage			
7	system from San Vitores			
8	intersection to Australian			
9	Cable with Rt. 1 to GTA	175,000	10,000	40,000
10	Construction of storm			
11	drainage system at Gov.			
12	Carlos Camacho Rd. from			
13	GMH to Jonestown low spot	150,000	10,000	60,000
14	Construction of percolation			
15	trench or pits near Hafa Adai			
16	Theaters 2 and 3		3,000	
17	Extension of San Vitores storm			
18	drainage from GVB office to			
19	Conga/San Vitores			400,000
20	Construction of roadway of			
21	drainage near Perez Bros.			
22	Block Plant and Harmon			
23	laundry area	100,000	10,000	20,000
24	Section 17. Four Hundred Forty-Five Thousand Dollars (\$445,000) are			
25	appropriated to the Department for the village of Umatac in the following amounts			
26	for the following projects:			

1	PROJECT	LAND	TOPOGRAPHICAL	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
3	Construct storm drainage at East			
4	Ginabit St., drainage system to			
5	Chaming	15,000	5,000	20,000
6	Construct drainage system along			
7	San Dionicio St. to alleviate			
8	flooding	200,000	10,000	50,000
9	Construct storm drainage system			
10	for area near Low Cost Housing and			
11	Subdivision		20,000	100,000
12	Reconstruct culverts behind San			
13	Dionicio Church and Nino Perdido			
14	St.	60,000	10,000	20,000

15 **Section 18.** Thirty Thousand Dollars (\$30,000) are appropriated to the
16 Department for the village of Yigo in the following amounts for the following
17 projects:

18	PROJECT	LAND	TOPOGRAPHICAL	DESIGN
19	<u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
20	Intersection of Rt. 1 and Juan Jacinto Rd.		2,000	5,000
21	Along Juan Jacinto Rd.		1,500	3,000
22	Iglesia St.		1,500	4,000
23	Casimiru St.		3,000	6,000
24	Chalan Katot		1,500	2,500

25 **Section 19.** Five Hundred Twenty Four Thousand Five Hundred Dollars
26 (\$524,500) are appropriated to the Department for the village of Yona in the
27 following amounts for the following projects:

1	PROJECT	LAND	TOPOGRAPHICAL	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>SURVEY</u>	<u>COST</u>
3	Antonio Q, Quinene, Teleforo Rd.,			
4	Pulantat	7,500	5,000	15,000
5	Frank Balajadia, Balajadia Rd.	5,000	2,000	2,500
6	Pedro P. Balajadia, Balajadia Rd.	5,000	2,000	2,500
7	Bill Balajadia, Balajadia Rd.	5,000	2,000	2,500
8	Vicente Pangelinan, Pulantat Rd.	20,000	7,500	15,000
9	Antonio Camacho,			
10	Pedro Camacho Rd., Pulantat	1,000	1,000	2,000
11	Rose Salas, Salas Rd.,			
12	Manengon area	10,000	3,500	7,500
13	Enrique M. Santos,			
14	Salas Rd., Manengon area	15,000	3,500	7,500
15	Francisco Iwatsu,			
16	Salas Rd., Manengon area	150,000	25,000	200,000

17 **Section 20.** Fifty Thousand Dollars (\$50,000) are hereby appropriated to the
18 Department for the village of **Mangilao** in the following amounts for the following
19 projects:

20	PROJECT	CONSTRUCTION
21	<u>LOCATION</u>	<u>COST</u>
22	Route 15, back road to AAFB. Andersen and	
23	Miner roads - (no drainage system)	\$ 3,000
24	Route 10 near Santa Teresita Church	3,000
25	Department of Youth Affairs yard	10,000
26	Mandarine St. in Tai	24,000
27	Dairy Road and Penitentiary Road	10,000

28 **Section 21.** The village Mayors shall coordinate the implementation of the

1 projects set out in Sections 1 through 20 of this Act with the appropriate
2 government agencies. The Mayors shall also advise the Department in detail as to
3 the precise locations of the projects for their particular villages.

4 **Section 22.** The Department of Land Management is directed to coordinate
5 planning with the Department to identify homes which are located in flood areas,
6 including property owners on San Antonio, Sgt. Mendiola and Limtiaco Streets, in
7 the Municipality of Barrigada, especially those flood areas caused or exacerbated by
8 the government of Guam due to construction, and to locate suitable alternate sites
9 on government land which may be utilized, if it is later determined to be desirable
10 to do so by the Legislature after submission of supporting documents by the
11 Governor, for land exchanges with the owners of these homes. A list of potential
12 land exchanges may be submitted to the Legislature at the discretion of the
13 Governor.

14 **Section 23.** The Department of Land Management and the Department shall
15 locate suitable areas for ponding basins to eliminate excessive water build up, either
16 on government or private land, and shall make contact to negotiate the willingness
17 of acquisition of land for ponding basins. A list of potential ponding basin areas may
18 be submitted to the Legislature at the discretion of the Governor.

19 **Section 24.** One Hundred Thousand Dollars (\$100,000) are hereby
20 appropriated from the General Fund to the Department to obtain such appraisal
21 and survey services as are required for the condemnation or other acquisition of
22 property needed for the various projects and land exchanges and acquisitions set out
23 in Sections 2 through 23 of this Act.

24 **Section 25.** The Governor may transfer among the various items of
25 appropriation made in this Act such amounts as may be necessary to address
26 shortfalls in appropriations; provided, that no project is jeopardized by such
27 transfer.

TWENTIETH GUAM LEGISLATURE
1989 (FIRST) Regular Session

ROLL CALL SHEET

Bill No. 1016

Date: 1/5/90

Resolution No. _____

QUESTION: _____

	<u>AYE</u>	<u>NAY</u>	<u>NOT VOTING</u>	<u>ABSENT</u>
J. P. Aguon	✓			
E. P. Arriola	✓			
J. G. Bamba	✓			
M. Z. Bordallo	✓			
D. F. Brooks				✓
H. D. Dierking	✓			
E. R. Duenas	✓			
E. M. Espaldon	✓			
C. T. C. Gutierrez	✓			
P. C. Lujan	✓			
G. Mailloux	✓			
M. D. A. Manibusan				✓
T. S. Nelson	✓			
D. Parkinson	✓			
F. J. A. Quitugua	✓			
E. D. Reyes	✓			
M. C. Ruth	✓			
J. T. San Agustin	✓			
F. R. Santos	✓			
T. V. C. Tanaka			✓	
A. R. Unpingco	✓			

18 1 2

~~Introduced~~

OCT 16 '89

Bill No. 1016 (LS)

Introduced by:

C. T.C. GUTIERREZ
T. S. NELSON
D. PARKINSON

**AN ACT TO APPROPRIATE FUNDS FROM THE
GENERAL FUND TO THE DEPARTMENT OF PUBLIC
WORKS FOR THE PURPOSE OF ADDRESSING THE
FLOODING DAMAGES RESULTING FROM TROPICAL
STORM COLLEEN.**

1 **BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:**

2 Section 1. The sums listed in each section below are appropriated from the
3 General Fund to the Department of Public Works ("Department") to fund the costs
4 of immediate correction and repairing of damage from Tropical Storm Colleen and
5 to prevent future flooding problems.

6 Section 2. Four Hundred Nine Thousand Dollars (\$409,000) are
7 appropriated to the Department for the village of Agana-Anigua in the following
8 amounts for the following projects:

9 PROJECT	LAND	SURVEY	DESIGN
10 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
11 West O'Brien Drive	\$10,000	\$10,000	\$90,000
12 Bradley Street	10,000	7,500	40,000
13 10th Street & O'Brien Drive	10,000	8,500	48,000
14 6th Street & O'Brien Drive	15,000	10,000	150,000

15 Section 3. Eight Hundred Twenty Eighty Thousand Five Hundred Dollars
16 (\$828,500) are appropriated to the Department for the village of Agana Heights in the
17 following amounts for the following projects:

18 PROJECT	CONSTRUCTION
19 <u>LOCATION</u>	<u>COST</u>
20 Flooding at six residences	\$117,000

1	Agana Heights School Parking Lot	189,400
2	Fonte River Bridge at Route 7	16,000
3	Dry well at J. Cruz Avenue	34,000
4	RCP & inlet at Taigagao Road and Javier Avenue	149,000
5	RCP & inlet at Ulloa Untalan Avenue	9,800
6	Dry well at Gutierrez Way	34,000
7	Dry well at Gigao Road	5,900
8	Dry well at mason Road	34,000
9	RCP & inlet at Cotla Drive	9,800
10	RCP & inlet at Punot Drive	9,800
11	RCP & inlet at Joseph Cruz Avenue	9,800
12	Replace box culvert at Fonte Bridge	210,000

13 Section 4. Forty Thousand Five Hundred Dollars (\$40,500) are appropriated
14 to the Department for the village of Agat in the following amounts for the
15 following projects:

16	PROJECT	SURVEY	DESIGN
17	<u>LOCATION</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
18	Construction of water catchment,		
19	concrete lined ditch and storm drain		
20	at Fenili Sanchez Subdivision	2,500	6,000
21	Construction of concrete lined		
22	ditch, storm drain manhole, RCP		
23	and headwalls to take flood water to		
24	Chaligan River and out to Pacific Ocean	4,000	6,000
25	Construct road side curbs at Santa Cruz St., San		
26	Antonio St., San Francisco St., Tomas Rivers St.,		
27	Emelio Nededog St., Tomas Mesa St., and Lucas		
28	Rodriguez St.	3,000	4,000

1	Construct culvert at S. Perino St. to Togcha River	2,000	5,000
2	Construct and install 30" RCP, storm drain manhole		
3	and headwall at Atao Rd.	3,000	5,000

4 Section 5. One Hundred Eight Thousand Dollars (\$108,000) are
5 appropriated to the Department for the villages of Asan-Maina in the following
6 amounts for the following projects:

7	PROJECT	LAND	SURVEY	DESIGN
8	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
9	Arriola's Apts. along Halsey Drive			
10	toward Maina		3,000	10,000
11	Fonte Bridge area Rt. 7 clearing of inlets		5,000	5,000
12	Candelaria Rd. culvert inlet and outlet clogged		2,000	5,000
13	Maina House		3,000	25,000
14	Nimitz Hill Navy Housing drainage erosion control		15,000	35,000

15 Section 6. Forty Two Thousand Dollars (\$42,000) are appropriated to the
16 Department for the village of Barrigada in the following amounts for the following
17 projects:

18	PROJECT	LAND	SURVEY	DESIGN
19	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
20	Leyang Barrigada, Mr. George			
21	Garrido and Mr. Kamminga			
22	additional land for ponding	35,000	2,000	5,000

23 Section 7. Three Hundred Twenty Two Thousand Dollars (\$322,000) are
24 appropriated to the Department for the village of Chalan Pago-Ordot in the
25 following amounts for the following projects:

26	PROJECT	LAND	SURVEY	DESIGN
27	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
28	Drainage cleaning in Maimai area	35,000	5,500	30,000

1	Construct storm drainage			
2	system around Apusento Gardens	2,500	4,000	7,500
3	Construct storm drainage system			
4	around Ordot-Chalan Pago Elem.	20,000	7,500	15,000
5	Clearing and cleaning of drainage			
6	system at intersection of Judge			
7	Sablan and Dero St.	20,000	7,500	15,000
8	Construction of ponding basin area			
9	near Apusento Gardens	85,000	7,500	60,000

10 Section 8. Sixty Thousand Dollars (\$60,000) are appropriated to the
 11 Department for the village of Dededo in the following amounts for the following
 12 projects:

13	PROJECT	LAND	SURVEY	DESIGN
14	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
15	Upgrading of existing ponding basin			
16	including installation of fence and			
17	construction of ramps			40,000
18	Improvement of drainage swale along			
19	Y-Sengsong Rd.		5,000	15,000

20 Section 9. Two Hundred Ten Thousand Dollars (\$210,000) are appropriated
 21 to the Department for the village of Inarajan in the following amounts for the
 22 following projects:

23	PROJECT	LAND	SURVEY	DESIGN
24	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
25	Construct drainage system at			
26	Paulino's residence	20,000	10,000	20,000
27	Construct ponding basin in			
28	Malojloj	100,000	10,000	50,000

1 Section 10. Fifty Five Thousand Dollars (\$55,000) are appropriated to the
 2 Department for the village of Merizo in the following amounts for the following
 3 projects:

4 PROJECT	LAND	SURVEY	DESIGN
5 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
6 Box culvert (10' X 6') next to			
7 J. A. Cruz Ave., Merizo	20,000	2,000	5,000
8 Box culvert (20' X 10') at C & J			
9 Store, Merizo		2,000	5,000
10 Pipe culvert with 7 (holes) concrete pipe		2,000	5,000
11 Box culvert (20' X 10') next to Hse no. 759 (Rt. 4)		2,000	5,000
12 Box culvert (30' X 10') next to Hse. no. 840, Rt. 2		2,000	5,000

13 Section 11. Four Hundred Twenty Six Thousand Dollars (\$426,000) are
 14 appropriated to the Department for the village of Mongmong-Toto-Maite in the
 15 following amounts for the following projects:

16 PROJECT	LAND	SURVEY	DESIGN
17 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
18 Toto Community Center			
19 ponding basin		1,000	30,000
20 Construction of storm drainage			
21 system from Rt. 8 intersection/ 22 Canada Toto Rd. to Blas property	50,000	20,000	200,000
23 Construction of storm drainage system			
24 at Mongmong-Toto Rd.		10,000	20,000
25 Construction of section wells			
26 at Toto Dip	25,000	10,000	60,000

27 Section 12. Two Million Six Hundred Ten Thousand Six Dollars (\$2,610,006)
 28 are appropriated to the Department for the village of Piti in the following amounts

1 for the following projects:

2 PROJECT	SURVEY	DESIGN	CONSTRUCTION
3 <u>LOCATION</u>	<u>TOPO SERVENCE</u>	<u>COST</u>	<u>COST</u>
4 Retaining seawall on Rt. 1	1,000	1,500	
5 Taguag River Bridge located at			
6 the end of Assumption Dr.	2,000	8,000	
7 Drainage system at Talleje/Hunter			
8 residence	2,500	5,500	
9 Construction of 0.57 miles (5 lanes)			
10 roadway and Aguada River Bridge			
11 modification (Polaris)			2,161,506
12 Construction of river bank at			
13 Aguada Bridge (Polaris)			351,000
14 Dredging of Masso to remove			
15 restrictions along river channel			52,000
16 Piti, miscellaneous	5,000	20,000	

17 Section 13. Three Hundred Fifty Three Thousand Five Hundred Dollars
18 (\$353,500) are appropriated to the Department for the village of Santa Rita in the
19 following amounts for the following projects:

20 PROJECT	LAND	SURVEY	DESIGN
21 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
22 Construct storm drainage system			
23 in Borja/Laboton residence	150,000	30,000	60,000
24 Construct culvert and field inlet			
25 along roadway to San Vicente area		5,000	10,000
26 Installation of lined ditch at Olano Drive		10,000	20,000
27 Installation of lined ditch at pale San Street		1,000	3,000
28 Installation of concrete curb and restoration			

1	of eroded areas at Pale Ramon Street	2,000	3,000
2	Construction of lined ditches and drainage		
3	modification at pale Duenas St. adjacent to		
4	Mayor's office	10,000	20,000
5	Cleaning of drainage system at V. O.		
6	Lizama St. and construction of lined		
7	V-shape swale	5,000	10,000
8	Construction of drainage system to alleviate		
9	stagnant storm run-off restricting traffic flow		
10	through Rt. 17-Cross Island Rd.	2,000	5,000
11	Installation of soil stabilization measures due to land		
12	slides and installation of storm drain at Bishop Apuron		
13	and Bishop St. along Rt. 17	2,500	5,000

14 Section 14. One Hundred Five Thousand Dollars (\$105,000) are appropriated
15 to the Department for the village of Sinajana in the following amounts for the
16 following projects:

17	PROJECT	CONSTRUCTION
18	<u>LOCATION</u>	<u>COST</u>
19	Eleviate and widen existing coral road	90,000
20	Retaining wall	15,000

21 Section 15. One Hundred Ninety Three Thousand Five Hundred Dollars
22 (\$193,500) are appropriated to the Department for the village of Talofoto in the
23 following amounts for the following projects:

24	PROJECT	LAND	SURVEY	DESIGN
25	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
26	Francisco Siguenza, Mariano Blas			
27	St. (flooding)	15,000	7,500	10,000
28	Vicente Aguon, Mata St. (flooding)	15,000	3,000	7,500

1	Jose Rabago, As Ana St. (flooding)	20,000	7,500	15,000
2	Rufo Lujan, As Ana St. (flooding)	30,000	5,000	30,000
3	Flooding at Thomas Devorch	5,000	3,000	20,000

4 Section 16. One Million Seven Hundred Ninety Eight Thousand Dollars
5 (\$1,798,000) are appropriated to the Department for the village of Tamuning-Tumon
6 in the following amounts for the following projects:

7	PROJECT	LAND	SURVEY	DESIGN	CONST
8	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>	<u>COST</u>
9	Construction of storm				
10	drainage system near				
11	Harmon	150,000	10,000	60,000	
12	Construct roadway and				
13	drainage system along				
14	Marata St., Tumon	550,000	15,000	35,000	
15	Construction of drainage				
16	system from San Vitores				
17	intersection to Australian				
18	Cable with Rt. 1 to GTA	175,000	10,000	40,000	
19	Construction of storm				
20	drainage system at Gov.				
21	Carlos Camacho Rd. from				
22	GMH to Jonestown low				
23	spot	150,000	10,000	60,000	
24	Construction of percolation				
25	trench or pits near Hafa Adai				
26	Theaters 2 & 3			3,000	
27	Extension of San Vitores storm				
28	drainage from GVB office to				

1 Conga/San Vitores 400,000
 2 Construction of roadway of
 3 drainage near Perez Bros.
 4 Block Plant and Harmon
 5 laundry area 100,000 10,000 20,000

6 Section 17. Five Hundred Ten Thousand Dollars (\$510,000) are appropriated
 7 to the Department for the village of Umatac in the following amounts for the
 8 following projects:

9 PROJECT	LAND	SURVEY	DESIGN
10 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
11 Construct storm drainage at East			
12 Ginabit St., drainage system to			
13 Chaming	15,000	5,000	20,000
14 Construct drainage system along			
15 San Dionicio St.	200,000	10,000	50,000
16 Construct storm drainage system			
17 for area near Low Cost Housing and			
18 Subdivision		20,000	100,000
19 Reconstruct culverts at two			
20 locations	60,000	10,000	20,000

21 Section 18. Thirty Thousand Dollars (\$30,000) are appropriated to the
 22 Department for the village of Yigo in the following amounts for the following
 23 projects:

24 PROJECT	LAND	SURVEY	DESIGN
25 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
26 Intersection of Rt. 1 and Juan Jacinto Rd.		2,000	5,000
27 Along Juan Jacinto Rd.		1,500	3,000
28 Iglesia St.		1,500	4,000

1 Casimiru St. 3,000 6,000
 2 Chalan Katot 1,500 2,500

3 Section 19. Five Hundred Twenty Four Thousand Five Hundred Dollars
 4 (\$524,500) are appropriated to the Department for the village of Yona in the
 5 following amounts for the following projects:

6 PROJECT	LAND	SURVEY	DESIGN
7 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
8 Antonio Q, Quinene, Pulantat	7,500	5,000	15,000
9 Frank Balajadia, Balajadia Rd.	5,000	2,000	2,500
10 Pedro P. Balajadia, Balajadia Rd.	5,000	2,000	2,500
11 Bill Balajadia, Balajadia Rd.	5,000	2,000	2,500
12 Vicente Pangelinan, Pulantat	20,000	7,500	15,000
13 Antonio Camacho, Pulantat	1,000	1,000	2,000
14 Rose Salas, Manengon area	10,000	3,500	7,500
15 Enrique M. Santos, 16 Manengon area	15,000	3,500	7,500
17 Francisco Iwatsu, 18 Manengon area	150,000	25,000	200,000

19 Section 20. The village Mayors shall coordinate the implementation of
 20 these projects with the appropriate government agencies herein mentioned.

21 Section 21. The Department of Land Management is directed to coordinate
 22 planning with the Department of Public Works to identify homes which are located
 23 in flood areas, especially those flood areas caused or exacerbated by the construction
 24 and undertaken on behalf of the government, and to locate suitable alternate sites
 25 on government land which may be utilized, if it is later determined to be desirable
 26 to do so by the Legislature after submission of supporting documents by the
 27 governor, for land exchanges with the owners of these homes. A list of potential
 28 land exchanges may be submitted to the Legislature at the discretion of the

1 Governor.

2 Section 22. The Department of Land Management and the Department of
3 Public Works shall locate suitable areas for ponding basins to eliminate excessive
4 water build up, either on government or private land, and shall make contact to
5 negotiate the willingness of acquisition of land for ponding basins. A list of potential
6 ponding basin areas may be submitted to the Legislature at the discretion of the
7 Governor.

Twentieth Guam Legislature

163 Chalan Santo Papa St.
Agana, Guam U.S.A. 96910
(671) 472-3407/8/9/10



Chairman, Committee
on Ways & Means
Vice-Chairman, Committee
on Tourism & Transportation

CARL T. C. GUTIERREZ
Senator

December 27, 1989

Honorable Speaker Joe T. San Agustin
Speaker, Twentieth Guam Legislature
163 Chalan Santo Papa
Agana, Guam 96910

Dear Mr. Speaker:

The Committees on Ways & Means and General Governmental Operations wish to report out its findings on **BILL NO. 1016** to the full Legislature with the recommendation to do Pass as Substituted.

The Committee Voting Record is as follows:

	WM	GGO
TO PASS:	<u>8</u>	<u>13</u>
NOT TO PASS:	<u>1</u>	<u>0</u>
ABSTENTIONS:	<u>0</u>	<u>0</u>
REPORT OUT ONLY:	<u>0</u>	<u>0</u>
OFF-ISLAND:	<u>0</u>	<u>0</u>

Copies of the Committee Report and all pertinent documents are attached for your information.

Sincerely,


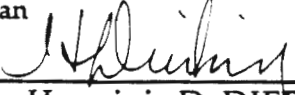
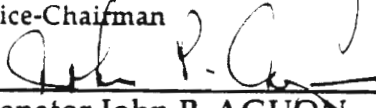
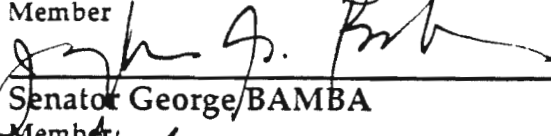

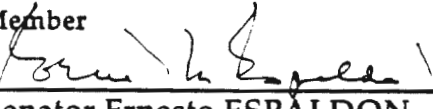
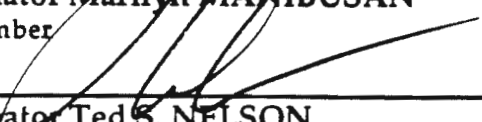


CARL T. C. GUTIERREZ


TED S. NELSON

Twentieth Guam Legislature
Committee on Ways & Means
VOTING SHEET

BILL NO. 1016 AS SUBSTITUTED

AN ACT TO APPROPRIATE FUNDS FROM THE GENERAL FUND TO THE DEPARTMENT OF PUBLIC WORKS FOR THE PURPOSE OF ADDRESSING THE FLOODING DAMAGES RESULTING FROM TROPICAL STORM COLLEEN.

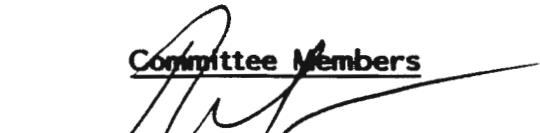

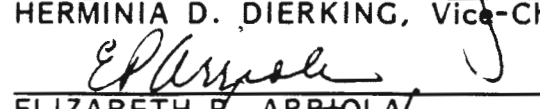
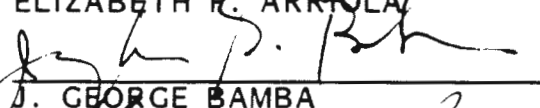
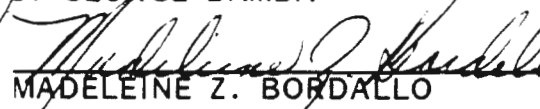
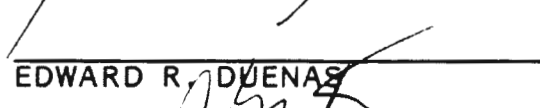

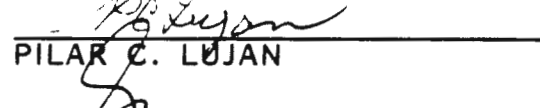

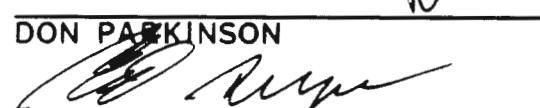

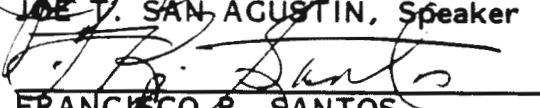
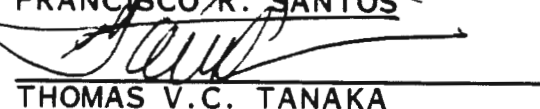
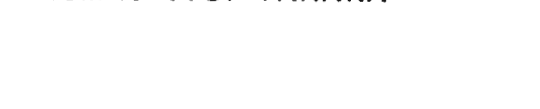
	<u>TO PASS</u>	<u>NOT TO PASS</u>	<u>TO REPORT OUT ONLY</u>	<u>TO PLACE IN INACTIVE FILE</u>
 Senator Carl T. C. GUTIERREZ Chairman	✓			
 Senator Herminia D. DIERKING Vice-Chairman	✓			
 Senator John P. AGUON Member	✓			
 Senator George BAMBA Member	✓			
 Senator Doris BROOKS Member	✓			
 Senator Ernesto ESPALDON Member	✓			
Senator Marilyn MAMIBUSAN Member				
 Senator Ted S. NELSON Member	✓			
Senator Don PARKINSON Member		✓		
 Senator Franklin J. A. QUITUGUA Member	✓			
Senator Martha C. RUTH Member				

TWENTIETH GUAM LEGISLATURE
COMMITTEE ON GENERAL GOVERNMENTAL OPERATIONS

**VOTE SHEET ON
SUBSTITUTE BILL NO. 1016**

"An Act to appropriate funds from the General Fund to the Department of Public Works for the purpose of addressing the Flooding Damages resulting from Tropical Storm Colleen."

WITH THE RECOMMENDATION TO DO PASS

<u>Committee Members</u>	<u>To do Pass</u>	<u>Not to Pass</u>	<u>Abstain</u>	<u>Other</u>
 TED S. NELSON, Chairman	✓			
 HERMINIA D. DIERKING, Vice-Chairperson	✓			
 ELIZABETH R. ARRIOLA	✓			
 J. GEORGE BAMBA	✓			
 MADELEINE Z. BORDALLO	✓			
 EDWARD R. DUENAS	✓			
 CARL T.C. GUTIERREZ	✓			
 PILAR C. LUJAN	✓			
 CORDON MAILLOUX	✓			
 DON PARKINSON	✓			
 EDWARD D. REYES	✓			
 JOE T. SAN AGUSTIN, Speaker	✓			
 FRANCISCO R. SANTOS	✓			
 THOMAS V.C. TANAKA	✓			

COMMITTEE ON WAYS & MEANS
REPORT ON
BILL NO. 1016

AN ACT TO APPROPRIATE FUNDS FROM
THE GENERAL FUND TO THE
DEPARTMENT OF PUBLIC WORKS FOR
THE PURPOSE OF ADDRESSING THE
FLOODING DAMAGES RESULTING
FROM TROPICAL STORM COLLEEN.

The Committee on Ways & Means conducted a public hearing on Monday, November 6, 1989 beginning at 9:00 a.m. at the Legislative Session Hall to gather testimony on Bill No. 1016. Committee Acting Chairperson Senator Herminia D. Dierking conducted the hearing, being joined by Senators Frank Santos, George Bamba, Doris Brooks and Martha Ruth.

TESTIMONY

Mayor Raymond Laguana of Barrigada and President of the Mayor's Council of Guam testified orally in full support of Bill No. 1016. He indicated that the Department of Public Works should be present to respond to questions being addressed. He also indicated that Public Law 20-114 on the flooding problems has not been implemented by DPW. No funds have been released as of this date, November 6, 1989. He stressed that before any other bills are passed into law, Public Law 20-114 must be implemented first.

Mayor Greg Borja of Santa Rita and Chairman of the Finance and Legislative Committee of the Mayor's Council of Guam submitted written testimony in support of the Bill. He ask that the Committee amend the proposed bill to include additional request made by his colleagues. He too has two additional flooding problems which requires immediate attention.

Mayor Nito Blas of Mangilao submitted written testimony in support of the Bill which did not include any flood funding for his village. He informed the Committee that he did submit a listing of problem areas to the Director of Civil Defense with copies to the Department of Public Works and the Governor but doesn't know what happen to it. So Mayor Blas submitted to the Committee a list of priorities of flooding projects in the Mangilao are that requires immediate action. Out of the eleven items listed, six has been addressed on Public Law 20-114.

Mayor Francisco N. Lizama and Vice Mayor Daniel E. Sablan of Sinajana submitted written testimony in support of Bill No. 1016.

Mayor Ungacta of Agana, Mayor Frank Portusach of Agana Heights, Mayor Juan C. Cruz of Inarajan, and Mayor Vicente L. San Nicolas of Asan-Maina submitted written testimony in support of the Bill.

Mayor John Blas of Yigo, Mayor Vicente San Nicolas of Ordot-Chalan Pago, Mayor Antonio Babauta of Agat and Mayor Isabel Haggard of Piti also testified in support of Bill No.1016.

Mr. Jack Rice, a concerned citizen, testified orally on Bill No. 1016, indicating that drainage is very important in the communities.

RECOMMENDATION

The Committee on Ways & Means recommends that Bill No. 1016 be passed by the Twentieth Guam Legislature as Substituted.

TWENTIETH GUAM LEGISLATURE
1989 (First) Regular Session

Bill No. 1016
As Substituted by the Committee on Ways & Means
and Committee on General Governmental Operations
Introduced by:

C. T.C. GUTIERREZ
T. S. NELSON
J. P. AGUON
J. G. BAMBA
D. F. BROOKS
F. J. A. QUITUGUA
E. ESPALDON
H. D. DIERKING
M. C. RUTH
M. D. MANIBUSAN

AN ACT TO APPROPRIATE FUNDS FROM THE GENERAL FUND TO THE DEPARTMENT OF PUBLIC WORKS FOR THE PURPOSE OF ADDRESSING THE FLOODING DAMAGES RESULTING FROM TROPICAL STORM COLLEEN.

1 BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

2 Section 1. The sums listed in each section below are appropriated from the
3 General Fund to the Department of Public Works ("Department") to fund the costs
4 of immediate correction and repairing of damage from Tropical Storm Colleen and
5 to prevent future flooding problems.

6 Section 2. Four Hundred Nine Thousand Dollars (\$409,000) are
7 appropriated to the Department for the village of Agana-Anigua in the following
8 amounts for the following projects:

9 PROJECT	LAND	SURVEY	DESIGN
10 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
11 West O'Brien Drive	\$10,000	\$10,000	\$90,000
12 Bradley Street	10,000	7,500	40,000
13 10th Street & O'Brien Drive	10,000	8,500	48,000
14 6th Street & O'Brien Drive	15,000	10,000	150,000

1 Section 3. Six Hundred Thirty Nine Thousand One Hundred Dollars
 2 (\$639,100) are appropriated to the Department for the village of **Agana Heights** in the
 3 following amounts for the following projects:

4 PROJECT	CONSTRUCTION
5 <u>LOCATION</u>	<u>COST</u>
6 Flooding at the residences of Jose P. Cruz, 7 Jose & Florence Gutierrez, Peter Johnson, 8 Pedro F. Delgado, Pedro Salas and the roadside 9 near Gus Delgado's residence	\$117,000
10 Fonte River Bridge at Route 7	16,000
11 Dry well at J. Cruz Avenue	34,000
12 RCP & inlet at Taigagao Road and Javier Avenue	149,000
13 RCP & inlet at Ulloa Untalan Avenue	9,800
14 Dry well at Gutierrez Way	34,000
15 Dry well at Gigao Road	5,900
16 Dry well at mason Road	34,000
17 RCP & inlet at Cotla Drive	9,800
18 RCP & inlet at Punot Drive	9,800
19 RCP & inlet at Joseph Cruz Avenue	9,800
20 Replace box culvert at Fonte Bridge	210,000

21 Section 4. Forty Thousand Five Hundred Dollars (\$40,500) are appropriated
 22 to the Department for the village of **Agat** in the following amounts for the
 23 following projects:

24 PROJECT	SURVEY	DESIGN
25 <u>LOCATION</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
26 Construction of water catchment, 27 concrete lined ditch and storm drain 28 at Fenili Sanchez Subdivision	2,500	6,000

1	PROJECT	LAND	SURVEY	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
3	Construction of concrete lined			
4	ditch, storm drain manhole, RCP			
5	and headwalls to take flood water to			
6	Chaligan River and out to Pacific Ocean		4,000	6,000
7	Construct road side curbs at Santa Cruz St., San			
8	Antonio St., San Francisco St., Tomas Rivers St.,			
9	Emelio Nededog St., Tomas Mesa St., and Lucas			
10	Rodriguez St.		3,000	4,000
11	Construct culvert at S. Perino St. to Togcha River		2,000	5,000
12	Construct and install 30" RCP, storm drain manhole			
13	and headwall at Atao Rd.		3,000	5,000

14 **Section 5.** One Hundred Eight Thousand Dollars (\$108,000) are
15 appropriated to the Department for the villages of **Asan-Maina** in the following
16 amounts for the following projects:

17	PROJECT	LAND	SURVEY	DESIGN
18	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
19	Arriola's Apts. along Halsey Drive toward Maina siltation		3,000	10,000
20	Fonte Bridge area Rt. 7 clearing of inlets		5,000	5,000
21	Candelaria Rd. culvert inlet and outlet clogged		2,000	5,000
22	Maina House		3,000	25,000
23	Nimitz Hill Navy Housing drainage erosion control		15,000	35,000

24 **Section 6.** Forty Two Thousand Dollars (\$42,000) are appropriated to the
25 Department for the village of **Barrigada** in the following amounts for the following
26 projects:

1	PROJECT	LAND	SURVEY	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
3	Leyang Barrigada, Mr. George			
4	Garrido and Mr. Kamminga			
5	additional land for ponding	35,000	2,000	5,000

6 **Section 7.** Three Hundred Twenty Two Thousand Dollars (\$322,000) are
7 appropriated to the Department for the village of **Chalan Pago-Ordot** in the
8 following amounts for the following projects:

9	PROJECT	LAND	SURVEY	DESIGN
10	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
11	Drainage cleaning in Maimai area	35,000	5,500	30,000
12	Construct storm drainage			
13	system around Apusento Gardens	2,500	4,000	7,500
14	Construct storm drainage system			
15	around Ordot-Chalan Pago Elem.	20,000	7,500	15,000
16	Clearing and cleaning of drainage			
17	system at intersection of Judge			
18	Sablan and Dero St.	20,000	7,500	15,000
19	Construction of ponding basin area			
20	near Apusento Gardens	85,000	7,500	60,000

21 **Section 8.** Sixty Thousand Dollars (\$60,000) are appropriated to the
22 Department for the village of **Dededo** in the following amounts for the following
23 projects:

24	PROJECT	LAND	SURVEY	DESIGN
25	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
26	Upgrading of existing ponding basin			
27	including installation of fence and			
28	construction of ramps			40,000

1 Improvement of drainage swale along
 2 Y-Sengsong Rd. 5,000 15,000

3 Section 9. Two Hundred Ten Thousand Dollars (\$210,000) are appropriated
 4 to the Department for the village of **Inarajan** in the following amounts for the
 5 following projects:

6 PROJECT	LAND	SURVEY	DESIGN
7 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
8 Construct drainage system to alleviate			
9 flooding at Paulino's residence	20,000	10,000	20,000
10 Construct ponding basin in			
11 Malojloj	100,000	10,000	50,000

12 Section 10. Fifty Five Thousand Dollars (\$55,000) are appropriated to the
 13 Department for the village of **Merizo** in the following amounts for the following
 14 projects:

15 PROJECT	LAND	SURVEY	DESIGN
16 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
17 Box culvert (10' X 6') next to			
18 J. A. Cruz Ave., Merizo	20,000	2,000	5,000
19 Box culvert (20' X 10') at C & J			
20 Store, Merizo		2,000	5,000
21 Pipe culvert with 7 (holes) concrete pipe, Merizo		2,000	5,000
22 Box culvert (20' X 10') next to Hse no. 759 (Rt. 4)		2,000	5,000
23 Box culvert (30' X 10') next to Hse. no. 840, Rt. 2		2,000	5,000

24 Section 11. Four Hundred Twenty Six Thousand Dollars (\$426,000) are
 25 appropriated to the Department for the village of **Mongmong-Toto-Maite** in the
 26 following amounts for the following projects:

1	PROJECT	LAND	SURVEY	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
3	Toto Community Center ponding basin,			
4	construct dry well		1,000	30,000
5	Construction of storm drainage			
6	system from Rt. 8 intersection/			
7	Canada Toto Rd. to Blas property	50,000	20,000	200,000
8	Construction of storm drainage system			
9	at Mongmong-Toto Rd.		10,000	20,000
10	Construction of section wells			
11	at Toto Dip	25,000	10,000	60,000

12 Section 12. Two Million Six Hundred Ten Thousand Six Dollars (\$2,610,006)
13 are appropriated to the Department for the village of Piti in the following amounts
14 for the following projects:

15	PROJECT	SURVEY	DESIGN	CONSTRUCTION
16	<u>LOCATION</u>	<u>TOPO SERVENCE</u>	<u>COST</u>	<u>COST</u>
17	Retaining seawall on Rt. 1			
18	seashore side	1,000	1,500	
19	Taguag River Bridge located at			
20	the end of Asumption Dr.	2,000	8,000	
21	Drainage system at Talleje/Hunter			
22	residence	2,500	5,500	
23	Construction of 0.57 miles (5 lanes)			
24	roadway and Aguada River Bridge			
25	modification (Polaris)			2,161,506
26	Construction of river bank at			
27	Aguada Bridge (Polaris)			351,000

1	PROJECT	LAND	SURVEY	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
3	Dredging of Masso to remove			
4	restrictions along river channel			52,000
5	Bela Street	5,000	20,000	

6 **Section 13.** Three Hundred Fifty Three Thousand Five Hundred Dollars
7 (\$353,500) are appropriated to the Department for the village of **Santa Rita** in the
8 following amounts for the following projects:

9	PROJECT	LAND	SURVEY	DESIGN
10	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
11	Construct storm drainage system to			
12	eliminate flooding from Namo Falls			
13	which flows to Borja/Laboton			
14	residence	150,000	30,000	60,000
15	Construct culvert and field inlet			
16	along roadway to relieve run-off along			
17	roadway to the San Vicente area		5,000	10,000
18	Installation of lined ditch at Olano Drive		10,000	20,000
19	Installation of lined ditch at Pale San Vitores Street		1,000	3,000
20	Installation of concrete curb and restoration			
21	of eroded areas at Pale Ramon Street		2,000	3,000
22	Construction of lined ditches and drainage			
23	modification at Pale Duenas St. adjacent to			
24	Mayor's office		10,000	20,000
25	Cleaning of drainage system at V. D.			
26	Lizama St. and construction of lined			
27	V-shape swale		5,000	10,000

1	PROJECT	LAND	SURVEY	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
3	Construction of drainage system to alleviate			
4	stagnant storm run-off restricting traffic flow			
5	through Rt. 17-Cross Island Rd.		2,000	5,000
6	Installation of soil stabilization measures due to land			
7	slides and installation of storm drain at Bishop Apuron			
8	and Bishop Flores St. along Rt. 17		2,500	5,000

9 **Section 14.** One Hundred Fifteen Thousand Dollars (\$115,000) are
10 appropriated to the Department for the village of **Sinajana** in the following
11 amounts for the following projects:

12	PROJECT	CONSTRUCTION
13	<u>LOCATION</u>	<u>COST</u>
14	Elevate and widen existing coral road,	
15	Maria E. Perez residence	90,000
16	Retaining wall	15,000
17	Lined ditch behind Franquez Store	3,000
18	Lined ditch at Route 4 top	6,000
19	Provide steel grilles at large inlet holes	
20	on catch basins	1,000

21 **Section 15.** One Hundred Ninety Three Thousand Five Hundred Dollars
22 (\$248,500) are appropriated to the Department for the village of **Talofoto** in the
23 following amounts for the following projects:

24	PROJECT	LAND	SURVEY	DESIGN
25	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
26	Francisco Siguenza, Mariano Blas			
27	St. (flooding)	15,000	7,500	10,000
28	Vicente Aguon, Mata St. (flooding)	15,000	3,000	7,500

1	PROJECT	LAND	SURVEY	DESIGN	CONSTRUCTION
2	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>	<u>COST</u>
3	Jose Rabago, As				
4	Ana St. (flooding)	20,000	7,500	15,000	
5	Rufo Lujan, As				
6	Ana St. (flooding)	30,000	5,000	30,000	
7	Flooding at				
8	Thomas Devorch	5,000	3,000	20,000	
9	Joses Mantanona,				
10	Ipan, Rt. 4 (flooding)				55,000

11 Section 16. One Million Seven Hundred Ninety Eight Thousand Dollars
 12 (\$1,798,000) are appropriated to the Department for the village of Tamuning-Tumon
 13 in the following amounts for the following projects:

14	PROJECT	LAND	SURVEY	DESIGN
15	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
16	Construction of storm drainage			
17	system near Harmon (cold			
18	storage ares) access road			
19	leading to residential			
20	homes	150,000	10,000	60,000
21	Construct roadway and			
22	drainage system along			
23	Marata St., Tumon	550,000	15,000	35,000
24	Construction of drainage			
25	system from San Vitores			
26	intersection to Australian			
27	Cable with Rt. 1 to GTA	175,000	10,000	40,000

1	PROJECT	LAND	SURVEY	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
3	Construction of storm			
4	drainage system at Gov.			
5	Carlos Camacho Rd. from			
6	GMH to Jonestown low spot	150,000	10,000	60,000
7	Construction of percolation			
8	trench or pits near Hafa Adai			
9	Theaters 2 & 3		3,000	
10	Extension of San Vitores storm			
11	drainage from GVB office to			
12	Conga/San Vitores			400,000
13	Construction of roadway of			
14	drainage near Perez Bros.			
15	Block Plant and Harmon			
16	laundry area	100,000	10,000	20,000

17 Section 17. Five Hundred Ten Thousand Dollars (\$575,000) are appropriated
18 to the Department for the village of Umatac in the following amounts for the
19 following projects:

20	PROJECT	LAND	SURVEY	DESIGN
21	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
22	Construct storm drainage at East			
23	Ginabit St., drainage system to			
24	Chaming	15,000	5,000	20,000
25	Construct drainage system along			
26	San Dionicio St. to alleviate			
27	flooding	200,000	10,000	50,000

1	PROJECT	LAND	SURVEY	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
3	Construct storm drainage system			
4	for area near Low Cost Housing and			
5	Subdivision		20,000	100,000
6	Reconstruct culverts behind San			
7	Dionicio Church and Nino Perdido			
8	Street	60,000	10,000	20,000
9	Clear line ditch and install culvert			
10	for storm drain at Sgt. E. Cruz Street			
11	and Kiko Ana Lane to Namu River		10,000	30,000
12	Clear debris and install concrete curb			
13	and concrete guard to prevent wash-off			
14	at Joaquin D. Perez Street, Lower Talisay		25,000	

15 Section 18. Thirty Thousand Dollars (\$30,000) are appropriated to the
16 Department for the village of Yigo in the following amounts for the following
17 projects:

18	PROJECT	LAND	SURVEY	DESIGN
19	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
20	Intersection of Rt. 1 and Juan Jacinto Rd.		2,000	5,000
21	Along Juan Jacinto Rd.		1,500	3,000
22	Iglesia St.		1,500	4,000
23	Casimiru St.		3,000	6,000
24	Chalan Katot		1,500	2,500

25 Section 19. Five Hundred Twenty Four Thousand Five Hundred Dollars
26 (\$524,500) are appropriated to the Department for the village of Yona in the
27 following amounts for the following projects:

1	PROJECT	LAND	SURVEY	DESIGN
2	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
3	Antonio Q, Quinene, Teleforo Rd.,			
4	Pulantat	7,500	5,000	15,000
5	Frank Balajadia, Balajadia Rd.	5,000	2,000	2,500
6	Pedro P. Balajadia, Balajadia Rd.	5,000	2,000	2,500
7	Bill Balajadia, Balajadia Rd.	5,000	2,000	2,500
8	Vicente Pangelinan, Pulantat Rd.	20,000	7,500	15,000
9	Antonio Camacho,			
10	Pedro Camacho Rd., Pulantat	1,000	1,000	2,000
11	Rose Salas, Salas Rd.,			
12	Manengon area	10,000	3,500	7,500
13	Enrique M. Santos,			
14	Salas Rd., Manengon area	15,000	3,500	7,500
15	Francisco Iwatsu,			
16	Salas Rd., Manengon area	150,000	25,000	200,000

17 Section 20. Fifty Thousand Dollars (\$50,000) are hereby appropriated to the
18 Department for the village of Mangilao in the following amounts for the following
19 projects:

20	PROJECT	CONSTRUCTION
21	<u>LOCATION</u>	<u>COST</u>
22	Route 15, back road to AAFB. Andersen and	
23	Miner roads - (no drainage system)	\$ 3,000
24	Route 10 near Santa Teresita Church	3,000
25	Department of Youth Affairs yard	10,000
26	Mandarine Street in Tai	24,000
27	Dairy Road & Penitentiary Road	10,000

28 Section 21. The village Mayors shall coordinate the implementation of

1 these projects stated in Sections 1 through 20 with the appropriate government
2 agencies herein mentioned.

3 **Section 22.** The Department of Land Management is directed to coordinate
4 planning with the Department of Public Works to identify homes which are located
5 in flood areas, especially those flood areas caused or exacerbated by the government
6 of Guam due to construction, and to locate suitable alternate sites on government
7 land which may be utilized, if it is later determined to be desirable to do so by the
8 Legislature after submission of supporting documents by the governor, for land
9 exchanges with the owners of these homes. A list of potential land exchanges may
10 be submitted to the Legislature at the discretion of the Governor.

11 **Section 23.** The Department of Land Management and the Department of
12 Public Works shall locate suitable areas for ponding basins to eliminate excessive
13 water build up, either on government or private land, and shall make contact to
14 negotiate the willingness of acquisition of land for ponding basins. A list of potential
15 ponding basin areas may be submitted to the Legislature at the discretion of the
16 Governor.

17 **Section 24.** One Hundred Thousand Dollars (\$100,000) are hereby
18 appropriated from the General Fund to the Department for the purpose of
19 obtaining such appraisal and survey services required for the acquisition of property
20 to be condemned or acquired for the various projects set forth in Sections 2 through
21 23 of this Act.

22 **Section 25.** The Governor may transfer among the various items of
23 appropriation made in this Act such amounts as may be necessary to address
24 shortfalls in appropriations, provided that no project is jeopardized by such transfer.

TWENTIETH GUAM LEGISLATURE
1989 (First) Regular Session

Bill No. 1016

89 OCT 16 PM 1:41

Introduced by:

C. T.C. GUTIERREZ
T. S. NELSON
D. PARKINSON

AN ACT TO APPROPRIATE FUNDS FROM THE
GENERAL FUND TO THE DEPARTMENT OF PUBLIC
WORKS FOR THE PURPOSE OF ADDRESSING THE
FLOODING DAMAGES RESULTING FROM TROPICAL
STORM COLLEEN.

1 BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

2 Section 1. The sums listed in each section below are appropriated from the
3 General Fund to the Department of Public Works ("Department") to fund the costs
4 of immediate correction and repairing of damage from Tropical Storm Colleen and
5 to prevent future flooding problems.

6 Section 2. Four Hundred Nine Thousand Dollars (\$409,000) are
7 appropriated to the Department for the village of Agana-Anigua in the following
8 amounts for the following projects:

9 PROJECT	LAND	SURVEY	DESIGN
10 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
11 West O'Brien Drive	\$10,000	\$10,000	\$90,000
12 Bradley Street	10,000	7,500	40,000
13 10th Street & O'Brien Drive	10,000	8,500	48,000
14 6th Street & O'Brien Drive	15,000	10,000	150,000

15 Section 3. Eight Hundred Twenty Eighty Thousand Five Hundred Dollars
16 (\$828,500) are appropriated to the Department for the village of Agana Heights in the
17 following amounts for the following projects:

18 PROJECT	CONSTRUCTION
19 <u>LOCATION</u>	<u>COST</u>
20 Flooding at six residences	\$117,000

1	[Agana Heights School Parking Lot	189,400]
2	Fonte River Bridge at Route 7	16,000
3	Dry well at J. Cruz Avenue	34,000
4	RCP & inlet at Taigagao Road and Javier Avenue	149,000
5	RCP & inlet at Ulloa Untalan Avenue	9,800
6	Dry well at Gutierrez Way	34,000
7	Dry well at Gigao Road	5,900
8	Dry well at mason Road	34,000
9	RCP & inlet at Cotla Drive	9,800
10	RCP & inlet at Punot Drive	9,800
11	RCP & inlet at Joseph Cruz Avenue	9,800
12	Replace box culvert at Fonte Bridge	210,000

13 Section 4. Forty Thousand Five Hundred Dollars (\$40,500) are appropriated
14 to the Department for the village of Agat in the following amounts for the
15 following projects:

16	PROJECT	SURVEY	DESIGN
17	<u>LOCATION</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
18	Construction of water catchment,		
19	concrete lined ditch and storm drain		
20	at Fenili Sanchez Subdivision	2,500	6,000
21	Construction of concrete lined		
22	ditch, storm drain manhole, RCP		
23	and headwalls to take flood water to		
24	Chaligan River and out to Pacific Ocean	4,000	6,000
25	Construct road side curbs at Santa Cruz St., San		
26	Antonio St., San Francisco St., Tomas Rivers St.,		
27	Emelio Nededog St., Tomas Mesa St., and Lucas		
28	Rodriguez St.	3,000	4,000

1	Construct culvert at S. Perino St. to Togcha River	2,000	5,000
2	Construct and install 30" RCP, storm drain manhole		
3	and headwall at Atao Rd.	3,000	5,000

4 Section 5. One Hundred Eight Thousand Dollars (\$108,000) are
5 appropriated to the Department for the villages of Asan-Maina in the following
6 amounts for the following projects:

7	PROJECT	LAND	SURVEY	DESIGN
8	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
9	Arriola's Apts. along Halsey Drive			
10	toward Maina		3,000	10,000
11	Fonte Bridge area Rt. 7 clearing of inlets		5,000	5,000
12	Candelaria Rd. culvert inlet and outlet clogged		2,000	5,000
13	Maina House		3,000	25,000
14	Nimitz Hill Navy Housing drainage erosion control		15,000	35,000

15 Section 6. Forty Two Thousand Dollars (\$42,000) are appropriated to the
16 Department for the village of Barrigada in the following amounts for the following
17 projects:

18	PROJECT	LAND	SURVEY	DESIGN
19	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
20	Leyang Barrigada, Mr. George			
21	Garrido and Mr. Kamminga			
22	additional land for ponding	35,000	2,000	5,000

23 Section 7. Three Hundred Twenty Two Thousand Dollars (\$322,000) are
24 appropriated to the Department for the village of Chalan Pago-Ordot in the
25 following amounts for the following projects:

26	PROJECT	LAND	SURVEY	DESIGN
27	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
28	Drainage cleaning in Maimai area	35,000	5,500	30,000

1	Construct storm drainage			
2	system around Apusento Gardens	2,500	4,000	7,500
3	Construct storm drainage system			
4	around Ordot-Chalan Pago Elem.	20,000	7,500	15,000
5	Clearing and cleaning of drainage			
6	system at intersection of Judge			
7	Sablan and Dero St.	20,000	7,500	15,000
8	Construction of ponding basin area			
9	near Apusento Gardens	85,000	7,500	60,000

10 Section 8. Sixty Thousand Dollars (\$60,000) are appropriated to the
 11 Department for the village of Dededo in the following amounts for the following
 12 projects:

13	PROJECT	LAND	SURVEY	DESIGN
14	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
15	Upgrading of existing ponding basin			
16	including installation of fence and			
17	construction of ramps			40,000
18	Improvement of drainage swale along			
19	Y-Sengsong Rd.		5,000	15,000

20 Section 9. Two Hundred Ten Thousand Dollars (\$210,000) are appropriated
 21 to the Department for the village of Inarajan in the following amounts for the
 22 following projects:

23	PROJECT	LAND	SURVEY	DESIGN
24	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
25	Construct drainage system at			
26	Paulino's residence	20,000	10,000	20,000
27	Construct ponding basin in			
28	Malojloj	100,000	10,000	50,000

1 Section 10. Fifty Five Thousand Dollars (\$55,000) are appropriated to the
 2 Department for the village of Merizo in the following amounts for the following
 3 projects:

4 PROJECT	LAND	SURVEY	DESIGN
5 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
6 Box culvert (10' X 6') next to			
7 J. A. Cruz Ave., Merizo	20,000	2,000	5,000
8 Box culvert (20' X 10') at C & J			
9 Store, Merizo		2,000	5,000
10 Pipe culvert with 7 (holes) concrete pipe		2,000	5,000
11 Box culvert (20' X 10') next to Hse no. 759 (Rt. 4)		2,000	5,000
12 Box culvert (30' X 10') next to Hse. no. 840, Rt. 2		2,000	5,000

13 Section 11. Four Hundred Twenty Six Thousand Dollars (\$426,000) are
 14 appropriated to the Department for the village of Mongmong-Toto-Maite in the
 15 following amounts for the following projects:

16 PROJECT	LAND	SURVEY	DESIGN
17 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
18 Toto Community Center			
19 ponding basin		1,000	30,000
20 Construction of storm drainage			
21 system from Rt. 8 intersection/			
22 Canada Toto Rd. to Blas property	50,000	20,000	200,000
23 Construction of storm drainage system			
24 at Mongmong-Toto Rd.		10,000	20,000
25 Construction of section wells			
26 at Toto Dip	25,000	10,000	60,000

27 Section 12. Two Million Six Hundred Ten Thousand Six Dollars (\$2,610,006)
 28 are appropriated to the Department for the village of Piti in the following amounts

1 for the following projects:

2 PROJECT	SURVEY	DESIGN	CONSTRUCTION
3 <u>LOCATION</u>	<u>TOPO SERVENCE</u>	<u>COST</u>	<u>COST</u>
4 Retaining seawall on Rt. 1	1,000	1,500	
5 Taguag River Bridge located at			
6 the end of Assumption Dr.	2,000	8,000	
7 Drainage system at Talleje/Hunter			
8 residence	2,500	5,500	
9 Construction of 0.57 miles (5 lanes)			
10 roadway and Aguada River Bridge			
11 modification (Polaris)			2,161,506
12 Construction of river bank at			
13 Aguada Bridge (Polaris)			351,000
14 Dredging of Masso to remove			
15 restrictions along river channel			52,000
16 Piti, miscellaneous	5,000	20,000	

17 Section 13. Three Hundred Fifty Three Thousand Five Hundred Dollars
18 (\$353,500) are appropriated to the Department for the village of Santa Rita in the
19 following amounts for the following projects:

20 PROJECT	LAND	SURVEY	DESIGN
21 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
22 Construct storm drainage system			
23 in Borja/Laboton residence	150,000	30,000	60,000
24 Construct culvert and field inlet			
25 along roadway to San Vicente area		5,000	10,000
26 Installation of lined ditch at Olano Drive		10,000	20,000
27 Installation of lined ditch at pale San Street		1,000	3,000
28 Installation of concrete curb and restoration			

1	of eroded areas at Pale Ramon Street	2,000	3,000
2	Construction of lined ditches and drainage		
3	modification at pale Duenas St. adjacent to		
4	Mayor's office	10,000	20,000
5	Cleaning of drainage system at V. O.		
6	Lizama St. and construction of lined		
7	V-shape swale	5,000	10,000
8	Construction of drainage system to alleviate		
9	stagnant storm run-off restricting traffic flow		
10	through Rt. 17-Cross Island Rd.	2,000	5,000
11	Installation of soil stabilization measures due to land		
12	slides and installation of storm drain at Bishop Apuron		
13	and Bishop St. along Rt. 17	2,500	5,000

14 Section 14. One Hundred Five Thousand Dollars (\$105,000) are appropriated
15 to the Department for the village of Sinajana in the following amounts for the
16 following projects:

17	PROJECT	CONSTRUCTION
18	<u>LOCATION</u>	<u>COST</u>
19	Eleviate and widen existing coral road	90,000
20	Retaining wall	15,000

21 Section 15. One Hundred Ninety Three Thousand Five Hundred Dollars
22 (\$193,500) are appropriated to the Department for the village of Talofoto in the
23 following amounts for the following projects:

24	PROJECT	LAND	SURVEY	DESIGN
25	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
26	Francisco Siguenza, Mariano Blas			
27	St. (flooding)	15,000	7,500	10,000
28	Vicente Aguon, Mata St. (flooding)	15,000	3,000	7,500

1	Jose Rabago, As Ana St. (flooding)	20,000	7,500	15,000
2	Rufo Lujan, As Ana St. (flooding)	30,000	5,000	30,000
3	Flooding at Thomas Devorch	5,000	3,000	20,000

4 Section 16. One Million Seven Hundred Ninety Eight Thousand Dollars
5 (\$1,798,000) are appropriated to the Department for the village of Tamuning-Tumon
6 in the following amounts for the following projects:

7	PROJECT	LAND	SURVEY	DESIGN	CONST
8	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>	<u>COST</u>
9	Construction of storm				
10	drainage system near				
11	Harmon	150,000	10,000	60,000	
12	Construct roadway and				
13	drainage system along				
14	Marata St., Tumon	550,000	15,000	35,000	
15	Construction of drainage				
16	system from San Vitores				
17	intersection to Australian				
18	Cable with Rt. 1 to GTA	175,000	10,000	40,000	
19	Construction of storm				
20	drainage system at Gov.				
21	Carlos Camacho Rd. from				
22	GMH to Jonestown low				
23	spot	150,000	10,000	60,000	
24	Construction of percolation				
25	trench or pits near Hafa Adai				
26	Theaters 2 & 3			3,000	
27	Extension of San Vitores storm				
28	drainage from GVB office to				

1	Conga/San Vitores				400,000
2	Construction of roadway of				
3	drainage near Perez Bros.				
4	Block Plant and Harmon				
5	laundry area	100,000	10,000	20,000	

6 Section 17. Five Hundred Ten Thousand Dollars (\$510,000) are appropriated
7 to the Department for the village of Umatac in the following amounts for the
8 following projects:

9	PROJECT	LAND	SURVEY	DESIGN
10	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
11	Construct storm drainage at East			
12	Ginabit St., drainage system to			
13	Chaming	15,000	5,000	20,000
14	Construct drainage system along			
15	San Dionicio St.	200,000	10,000	50,000
16	Construct storm drainage system			
17	for area near Low Cost Housing and			
18	Subdivision		20,000	100,000
19	Reconstruct culverts at two			
20	locations	60,000	10,000	20,000

21 Section 18. Thirty Thousand Dollars (\$30,000) are appropriated to the
22 Department for the village of Yigo in the following amounts for the following
23 projects:

24	PROJECT	LAND	SURVEY	DESIGN
25	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
26	Intersection of Rt. 1 and Juan Jacinto Rd.		2,000	5,000
27	Along Juan Jacinto Rd.		1,500	3,000
28	Iglesia St.		1,500	4,000

1 Casimiru St. 3,000 6,000
 2 Chalan Katot 1,500 2,500

3 Section 19. Five Hundred Twenty Four Thousand Five Hundred Dollars
 4 (\$524,500) are appropriated to the Department for the village of Yona in the
 5 following amounts for the following projects:

6 PROJECT	LAND	SURVEY	DESIGN
7 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
8 Antonio Q, Quinene, Pulantat	7,500	5,000	15,000
9 Frank Balajadia, Balajadia Rd.	5,000	2,000	2,500
10 Pedro P. Balajadia, Balajadia Rd.	5,000	2,000	2,500
11 Bill Balajadia, Balajadia Rd.	5,000	2,000	2,500
12 Vicente Pangelinan, Pulantat	20,000	7,500	15,000
13 Antonio Camacho, Pulantat	1,000	1,000	2,000
14 Rose Salas, Manengon area	10,000	3,500	7,500
15 Enrique M. Santos, 16 Manengon area	15,000	3,500	7,500
17 Francisco Iwatsu, 18 Manengon area	150,000	25,000	200,000

19 Section ~~20~~²¹ The village Mayors shall coordinate the implementation of
 20 these projects with the appropriate government agencies herein mentioned.

21 Section ~~21~~²² The Department of Land Management is directed to coordinate
 22 planning with the Department of Public Works to identify homes which are located
 23 in flood areas, especially those flood areas caused or exacerbated by the construction
 24 and undertaken on behalf of the government, and to locate suitable alternate sites
 25 on government land which may be utilized, if it is later determined to be desirable
 26 to do so by the Legislature after submission of supporting documents by the
 27 governor, for land exchanges with the owners of these homes. A list of potential
 28 land exchanges may be submitted to the Legislature at the discretion of the

1 Governor.

2 Section ^{2.3}~~22~~. The Department of Land Management and the Department of
3 Public Works shall locate suitable areas for ponding basins to eliminate excessive
4 water build up, either on government or private land, and shall make contact to
5 negotiate the willingness of acquisition of land for ponding basins. A list of potential
6 ponding basin areas may be submitted to the Legislature at the discretion of the
7 Governor.

GOVERNMENT OF GUAM
OFFICE OF THE MAYOR
SANTA RITA-SUMAY DIST.

GREG M. BORJA
MAYOR
Tel: 565-2514

October 14, 1989

Subject: Flooding Problems Requiring Immediate Attention,
Amendment to;

In addition to those listed on my original assesment dated Oct. 5, 1989,
the following problems has since ^{been} brought to my attention.

14. SGT. E. CRUZ STREET AND KIKO ANA LANE

Existing 36" storm drain culvert laid under ground across Public Utility access/easement (Sewer Line) along Private Property has created a man made creek approximately 4 Ft to 6 Ft. wide and runs approximately 160 Ft. across the property and drains into the Namo River. This situations divided the property rendering the area use-less.

RECOMMEND

Clear up existing washout line ditch and install approximately 22 Pcs. of 36" concrete culvert for storm drain the entire distance across the property to the Namo River.

Estimated Cost: \$40,000.00

15. JOAQUIN D. PEREZ ST., LOWER TALISAY

Storm drain under the bridge clogged. Lower part/right hand side of the street washing-off creating hazards to motorist and residents.

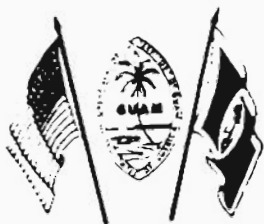
RECOMMEND

Clear up debris and install concrete curb and concrete guard to prevent further wash-off.

Estimated Cost: \$25,000.00

Respectfully,


G. M. BORJA



Office of the Commissioner
Government of Guam
Sinajana, Guam

FRANCISCO N. LIZAMA
Commissioner

DANIEL E. SABLAN
Assistant Commissioner

TESTIMONY

of

MAYOR FRANCISCO N. LIZAMA

and

VICE MAYOR DANIEL E. SABLAN

on

BILL NO. 1016

AN ACT TO APPROPRIATE FUNDS FROM THE
GENERAL FUND TO THE DEPARTMENT OF PUBLIC
WORKS FOR THE PURPOSE OF ADDRESSING THE
FLOODING DAMAGES RESULTING FROM TROPICAL
STORM COLLEEN.

November 6, 1989

Mr. Chairman and Honorable Members of the Committee on
Ways & Means:

We, the Mayor and Vice Mayor of the District of
Sinajana, are here today to submit testimony in favor
of the passage of Bill No. 1016, AN ACT TO APPROPRIATE
FUNDS FROM THE GENERAL FUND TO THE DEPARTMENT OF PUBLIC
WORKS FOR THE PURPOSE OF ADDRESSING THE FLOODING DAMAGES
RESULTING FROM TROPICAL STORM COLLEEN.

The initial action of the Mayors' Council on October
4, 1989 in adopting Resolution No. 89-01, resulted in
the Governor declaring an emergency on flooding islandwide
and released \$250,000.00 of emergency funds to address
the present and immediate problems.

The 20th Guam Legislature, in turn, upon reconvening
at a regular session, called for a Committee of a whole,
to hear concerns from the Mayors' Council as they present
their flooding problems in their respective communities.
This resulted in the passage of 1.8 million dollars to
supplement the emergency fund released to address the
immediate problems.

We hope that with the passage of Bill No. 1016,
we can foresee resolving the technical and long term flooding
problems that were not addressed in the initial funding
that was released and/or appropriated.

P.O. Box 788
Agaña, Guam 96910


Tel: (671) 472-6707
477-3323

TESTIMONY OF MAYOR FRANCISCO N. LIZAMA
AND VICE MAYOR DANIEL E. SABLAN ON BILL
NO. 1016 BEFORE THE COMMITTEE ON WAYS &
MEANS. (November 6, 1989)
PAGE 2


Enclosed you will find copies of testimonies and documents we have submitted to the Department of Public Works supporting and justifying the need to address the flooding problems in our community.

On Section 14 of said Bill, it asks for the appropriation of \$105,000 for the construction cost of two flooding problems that were not otherwise addressed in the initial release and appropriation. This is one sample of a technical and long term problem that requires further funding.

We thank this Committee for its attention to the needs of the residents of Sinajana and we especially wish to extend a sincere Si Yu'os Ma'ase to the Committee's Chairperson and Sponsors for introducing the legislation. Rest assured that you will continue to have our support for programs and efforts designed to promote and enhance health and safety of the residents of all villages on Guam. Gof Dangkulo Na Si Yu'os Ma'ase.



FRANCISCO N. LIZAMA
Mayor



DANIEL E. SABLAN
Vice Mayor

Enclosures

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

COPY FOR YOUR
INFORMATION

Village: Sinajana

Page 1 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION				TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	
1. Maria E. Perez Res. Agana Springs flooding a) Elevate & Widen existing coral road. b) Backfill the access road	\$10,000				\$90,000	\$90,000
2. Ana Cruz Res. Chalan Canton Tutujan, flooding & stagnant water provide storm drainage	\$11,000					
3. Westfall Samiliano area area in Afame, flooding provide RCP culvert	\$12,000					
4. Lucio road in Agana Springs, erosion of entrance backfill eroded road portion	\$10,000					
*5. Ponding basin at Chalan Gumayus, plugged up due to heavy vegetation and dirt residue cleaning	\$12,000					
*6. Storm drainage are plugged up clearing & cleaning, North Pina Ct	\$14,000					
7. Flooding at C.L. Taitano Elem. School provide storm drainage	\$12,000					
8. Sinajana Community Center flooding clean clogged drain and replace as needed	\$3,000					

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Sinajana

Page 2 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION			TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVENCE	DESIGN COST	
9. Soil deposits are accumulated at one side of the building provide retaining wall				\$15,000	\$15,000
10 Lined ditch behind Franquez Store				\$3,000	\$3,000
11 Lined ditch at Route 4 top				\$8,000	\$8,000
12 Provide steel grilles at large inlet holes on catch basins	\$11,000				
TOTAL COSTS	\$85,000			\$114,000	\$114,000

* = Priority Selected by Mayor

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date



Office of the Commissioner
 Government of Guam
 Sinajana, Guam

COPY FOR YOUR
 INFORMATION

FRANCISCO N. LIZAMA
 Commissioner

October 16, 1989

Memorandum

DANIEL E. SABLAN
 Assistant Commissioner

To: President, Mayors' Council of Guam
 Via: Chairman, Legislative Committee
 Mayors' Council of Guam
 From: Mayor and Vice Mayor
 Subject: Additional Flooding Problems

Submitted herewith is an additional listing of flooding problems to be added on to the list submitted October 5, 1989.

1. Securing curb drainages.
 - Curb drainage openings are wide and insecure that a toddler can easily fall in.
 - Recommend installing/reinforcing safety guards, bars or grill.
 - Copy of "before" and "after" photograph of one of the curb drainages is attached.
2. Concrete line ditch on side of Franquez Store.
 - Plugged up with debris and vegetation.
 - Recommend clearing and cleaning.
3. Corner of Afame Road and Spring Lane (Aflague)
 - Stagnant water due to flow from Spring Lane.
 - Recommend concrete line ditch.
4. Concrete line ditch at Spring Lane (Cabales)
 - Plugged up with debris and vegetation.
 - Recommend enlarging concrete line ditch.

The above additional listing was also presented to DPW officials during our Council meeting, October 13, 1989.

Francisco N. Lizama
 FRANCISCO N. LIZAMA
 Mayor

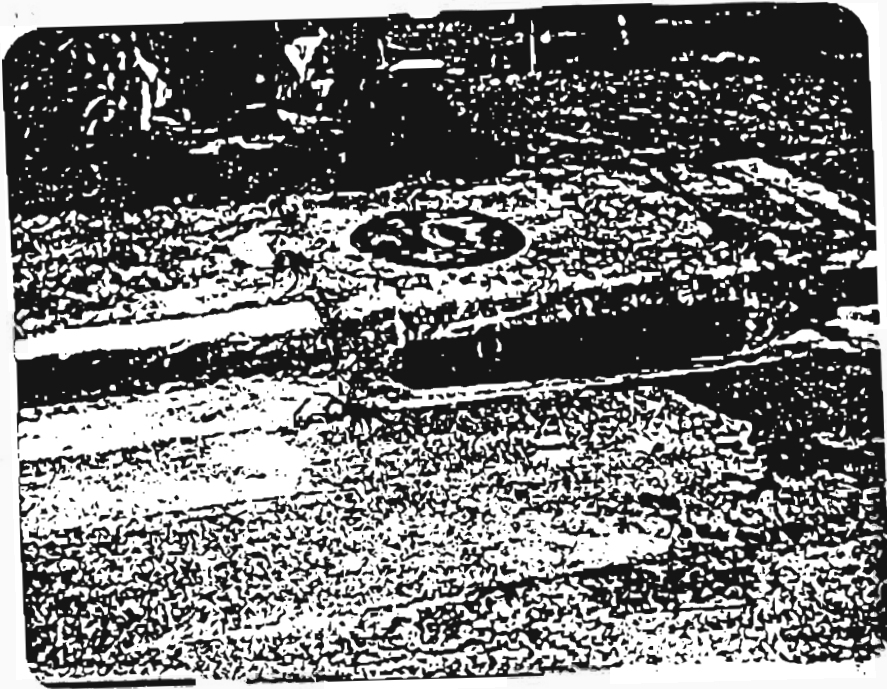
Daniel E. Sablan
 DANIEL E. SABLAN
 Vice Mayor

cc: Department of Public
 Works
 Mayors' Council Office
 File

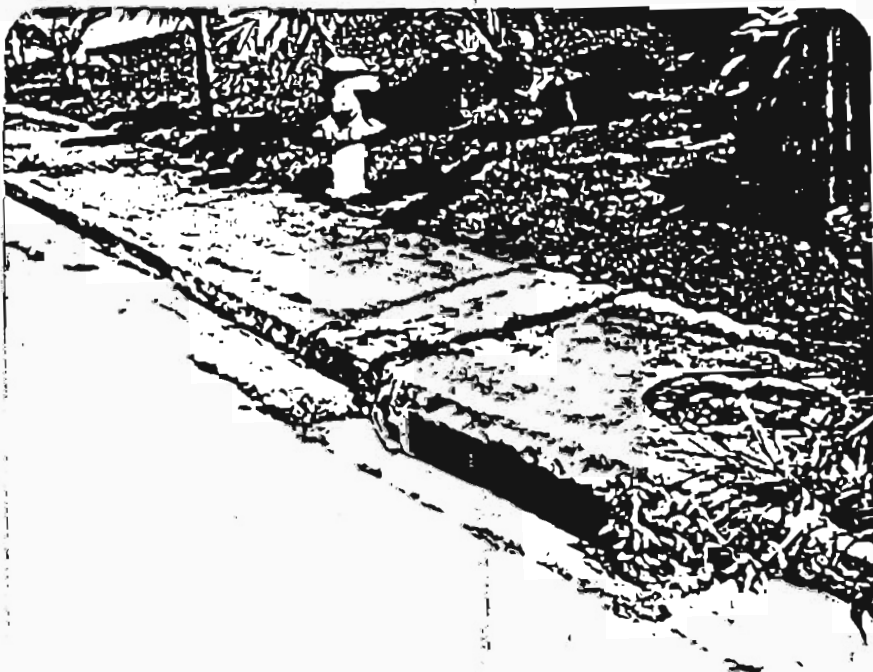
P.O. Box 786
 Agaña, Guam 96910

Tel: (671) 472-6707
 477-3323

TAKEN ~~2~~ 9 OCT. 1989



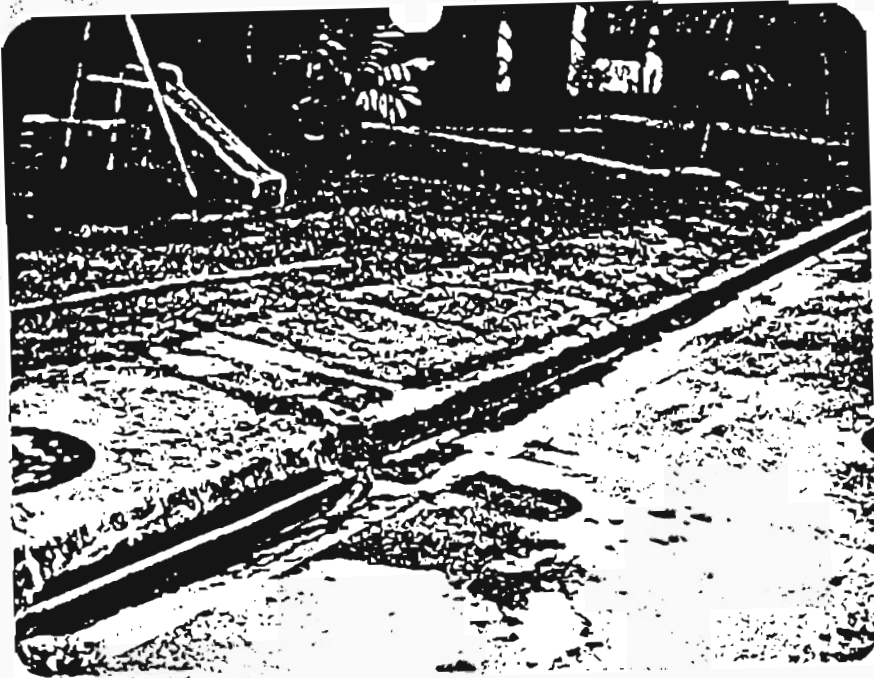
WATER DRAINAGE OR
FLOOD ON THE LEFT
SIDE ON ETON STREET
GOING TO THE POST
OFFICE.



THIS ONE ON THE RIGHT SIDE

NOTE: THIS OPENING IS WIDE
ENOUGH FOR TODDLER
TO SLIP ON THE SIDE
AND FALL IN.

TAKEN 10 OCT. 89



IRON BARS ARE PUT IN THE MIDDLE BY THE NEIGHBORS SINCE THEIR CHILDREN OFTEN IN THE AREA. THIS ALSO HELPS LARGER GARBAGE FALLEN IN THE HOLE.



Office of the Commissioner
 Government of Guam
 Sinajana, Guam

COPY FOR YOUR
 INFORMATION

FRANCISCO N. LIZAMA
 Commissioner

October 5, 1989

DANIEL E. SABLAN
 Assistant Commissioner

Inter-Office Memorandum

To: President, Mayors' Council of Guam
 Via: Chairman, Legislative Committee
 Mayors' Council of Guam
 From: Mayor and Vice Mayor
 Subject: Flooding Problems

As per your request at our Council meeting on October 4, 1989, submitted herewith is a listing of flooding problems being experienced in our community.

1. Maria E. Perez' residence in Agana Springs.
 - Mrs. Perez' access road is situated in a swamp area where it becomes inaccessible if swamp overflows due to heavy rain.
 - We recommend elevating and widening existing road access about four (4) feet from swamp level.
 - Opening new access road through backfilling.
2. Mrs. Ana Cruz' residence at Chalan Canton Tutujan.
 - Stagnant water settling due to old cess pool.
 - We recommend a storm drainage.
3. Westfall (Samiliano) area in Afame.
 - Overflow goes through their low lying area.
 - We recommend installing a seventy (70) to ninety (90) feet long concrete culvert.
4. Lucio Road in Agana Springs.
 - Entrance is giving way to erosion.
 - We recommend backfilling.
5. Ponding Basin at Chalan Gumayuus.
 - Plugged up due to heavy vegetation and dirt residue.
 - We recommend digging excess dirt residue and clearing of vegetation inside and outside fence and securing the fence.
6. Storm Drainages
 - Several drainages are plugged up.
 - We recommend clearing and cleaning.

P.O. Box 786
 Agana, Guam 96910


Tel: (671) 472-6707
 477-3323


Memorandum
Flooding Problems
October 5, 1989
Page 2

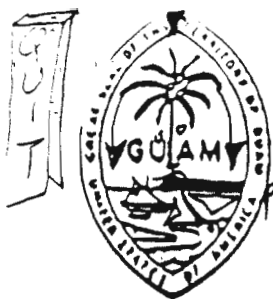
7. C.L. Taitano Elementary School
 - Central courtyard and areas near walkways.
 - We recommend a storm drainage.

8. Community Center
 - Courtyard floods due to clogged up drainage.
 - We recommend installation of 4" PVC pipe water drainage.

Should you need further information, please do not hesitate to call on us.


FRANCISCO N. LIZAMA
Mayor

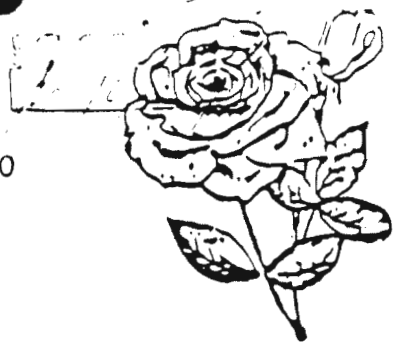

DANIEL E. SABLAN
Vice Mayor



FRAN
PARE

OFFICE OF THE MAYOR
MANGILAO, GUAM

P.O. Box 786, Agana, Guam 96910
Telephone: (671) 734-2163



NONITO (NITO) C. BLAS
MAYOR

October 26, 1989

"THE ROSE"
Official Village Flower

MEMORANDUM:

To: Director, Civil Defense, Guam
From: Mayor of the District of Mangilao
Subject: Priority listing of flooding projects in Mangilao

The following is a list of priorities of flooding projects in the Mangilao area requiring immediate action:

- Section 20 →
1. Poor drainage system cause flooding into Mrs. Vicenta Borja Nego & Mr. Daniel Mendiola located in Lalo Street.
 2. Mr. & Mrs. Jose Cruz on Mamis Street (flooding cause by water draining from Mamis Street & Juan Muna's Street.)
 3. Mrs. Rosalia White - Route 10 (floods into the house.)
 4. Mrs. Aurelia Francisco - Andersen Way, Route 15 (floods into the house.)
 5. Mrs. Apiag - Route 10 (floods into the house.)
 6. Corpuz/Pangelinan Street - (floods on middle of the roads.)
 7. Route 15, back road to AAFB. Andersen and Miner roads - (no drainage system, causing flood.)
 8. Route 10 near Santa Teresita Church - (storm drainage plugged up.)
 9. Department of Youth Affairs yard - (causing to flood at Mr. Antonio Campos and surrounding areas.)
 10. Manderine Street in Tai.
 11. Dairy Road & Penitentiary Road.

attention. Most secondary roads are flooded constantly and needs

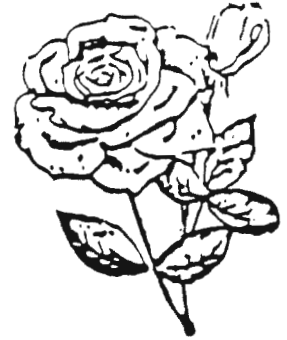

Nonito (Nito) C. Blas

cc: Director, Dept. of Public Works
Joseph F. Ada, Governor of Guam



OFFICE OF THE MAYOR
MANGILAO, GUAM

P.O. Box 786, Agana, Guam 96910
Telephone: (671) 734-2163



"THE ROSE"

NONITO (NITO) C. BLAS
MAYOR

November 6, 1989

Honorable Carl C. Gutierrez
Senator, Twentieth Guam Legislature
Chairman, Committee on Ways & Means
Agana, Guam 96910

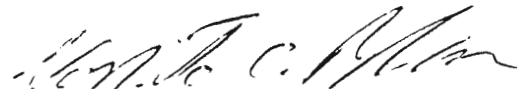
Dear Senator Gutierrez:

Please be advise that Bill No. 1016 which was heard at a Public Hearing on November 6, 1989 did not include any flood funding for the District of Mangilao. I submitted a listing of problem areas to the Director of Civil Defense with copies to the Department of Public Works and the Governor.

I am enclosing a copy of the listing to be included in Bill No. 1016, if you would please.

The people of Mangilao appreciates your support and I thank you for your consideration in this matter. If you should need further assistance please feel free to call my office at 734-2163.

Sincerely yours,


Nonito (Nito) C. Blas
Mayor of Mangilao

cc: Senator Herminia D. Dierking
Senator Martha C. Ruth
Senator Doris F. Brooks

Rec'd: 11-8-89
10:45 AM
110

November 6, 1989

Senator Carl T.c. Gutierrez
Chairman, Ways & Means Committee
163 Chalan Santo Papa
Agana, Guam 96910

Re: BILL NO. 1016 (An act to appropriate funds to address the flooding damages resulting from Tropical Storm Colleen).

Dear Mr. Chairman and honorable members of this committee:

It is with deep concern for the safety and welfare of the people of Agana Heights and that of the other villages that I come before you to testify in favor of Bill No. 1016, which will appropriate funds for the village of Agana Heights, Agana-Anigua and Agat to address the flooding problems in the respective communities.

On behalf of the Municipal Planning Council and the residents of Agana Heights, I am here today to submit testimony in favor of Bill No. 1016, which will appropriate \$828,500 to address the flooding problems in Agana Heights.

As you know, the flooding problems are not just a result of Tropical Storm Colleen. The problems have existed since way back, and I have constantly and persistently complained to the responsible agencies to address these problems. Out of frustration, I wrote to Governor Joseph Ada just this year on April 12, to bring to his attention the inaction of Public Works to respond to my constituent's complaints and requests concerning the dry well and ponding basin being neglected and not being kept up. I also have a stack of complaints and correspondence going back to 1978.

Simple cleaning and upkeep of the storm drainage systems, culverts, and the proper maintenance of the dry well and ponding basins could have alleviated some of the flooding problems that occurred during Tropical Storm Colleen. As the Mayors have stated, this has not been the first occurrences of these problems, but rather, that these problems have constantly recurred during heavy rains and thunderstorms. As Mayor Lizama has stated, Tropical Storm Colleen has been a blessing in disguise, because it has finally brought us together to come to a solution, to address a badly neglected priority in the communities of Guam.

FLOODED AREAS THAT WERE AFFECTED BY TROPICAL STORM COLLEEN IN AGANA HEIGHTS THAT NEED IMMEDIATE ATTENTION:

- A. Parking area of Agana Heights Elementary School & Playground Area
- B. Fonte River/Bridge - Clogged up with bamboo trees and debris/overflowing (Recommended reconstruction/relocation of bridge as indicated on map)
- C. REPLACEMENT OF BOX CULVERT AT FONTE BRIDGE
- D. FLOODING OF VARIOUS RESIDENCES
- E. DRY WELLS need to be constructed at Taigigao Road, Gutierrez Way, Maasoon Road and Joseph Cruz Avenue)
- F. There is a need for RCPs and inlets at Taigigao Road, Francisco Javier Avenue, Ulloa Untalan Avenue, Cotla Drive, Punot Drive and Joseph Cruz Avenue)

Due to the low elevation on Ulloa Untalan Road, flooding occurs in the lower lying area of this road. The flooding of Tropical Storm Colleen caused sewer line back up in some of the residential areas, caused an inconvenience and posed a health hazard to some of my constituents). There was extensive water run-off coming from the school grounds and from Kotla Store area to the residence of Jose and Rafaela Cruz, which is located next to the Agana Heights Elementary School. The Cruz property was flooded with over four feet of water during the storm. On Taigigao Road, the residence of Augusto Delgado, Carmen Indalecio, Frank Indalecio and Victor Salas are affected by flooding occurring on the lower spot of Taigigao Road, which makes it impassable to the above named residents of Taigigao Road. I recommend constructing a bridge on the lower spot as indicated on the map.

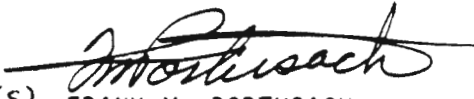
The heavy rains during and in the aftermath of the storm has caused intensive water run-off, resulting in damage and erosion of some of the streets and roads within the municipality of Agana Heights. There was extensive flooding on the property of Jose and Florence Gutierrez.

TESTIMONY OF FRANK M. PORTUSACH
Bill No. 1016 (Flood Relief)
November 6, 1989

Page 2

On behalf of the people of Agana Heights, Agana-Anigua and Agat, I would like to thank the author and sponsors of this bill and members of this committee for their kind consideration of the plight of those residents affected by flooding in their areas. I urge your support of Bill No. 1016 and strongly recommend that this urgent measure be passed, so that the people affected by the flooding can enjoy a better quality of life that they deserve from their Government.

Si Yu'os Ma'ase,


(S) FRANK M. PORTUSACH
Mayor of Agana Heights

Copy to:

Mayor of Agana
Mayor of Anigua
Mayor of Agat

MAYOR'S COUNCIL OF GUAM.
GOVERNMENT OF GUAM
AGANA, GUAM

**COPY FOR YOUR
INFORMATION**

RESOLUTION NO. 89-03

RELATIVE TO REQUESTING THE HONORABLE JOSEPH F. ADA, GOVERNOR OF GUAM, TO ORDER AN IMMEDIATE INVESTIGATION AND STUDY OF THE CAUSES OF FLOODING AND TO INITIATE IMMEDIATE PROGRAMS FOR THE ALLEVIATION OF PRESENT PROBLEMS BEING EXPERIENCED IN THE MUNICIPALITIES AND VILLAGES OF GUAM, AND, IF NECESSARY, TO DECLARE AN EMERGENCY SITUATION AND TO CALL FOR AN EMERGENCY SESSION OF THE GUAM LEGISLATURE TO ADDRESS SAID PROBLEMS.

BE IT RESOLVED BY THE MAYOR'S COUNCIL OF GUAM:

- WHEREAS: on Monday, October 2, 1989, the people of Guam were informed that Tropical Storm Colleen was on a course heading towards Guam; and
- WHEREAS: fortunately said Tropical Storm Colleen suddenly changed her direction of travel and spared Guam the force of her winds; and
- WHEREAS: despite being spared the force of tropical storm winds, Guam was subjected to the impact and effects of that storm's feeder ban activity; and
- WHEREAS: said impact and effects caused massive flooding in numerous and various areas all over the Island, creating great inconvenience and costs to the residents of Guam, as well as, paralyzing the traffic and transportation of the residents to such degrees that workers were not able to report for duty on time; and
- WHEREAS: Guam is now entering the typhoon season and can expect to be subjected to the effects of other storms and adverse weather conditions; and
- WHEREAS: unless the Government of Guam takes positive action to insure that flooding does not occur, by creating spill ways for the passage of storm rain water and/or by alleviating the clogging and stoppage of existing drainage and spillway systems, there will be additional incidents of flooding; and
- WHEREAS: said flooding does not only cause unnecessary inconvenience and costs to the people, the business enterprises and the Government of Guam, but also causes dangerous traffic situations, creates public health hazards, affecting each man, woman and child on Guam, due to stagnant water and debris and wastes carried by said water; and
- WHEREAS: the individual Mayors and Vice Mayors of the various municipalities and villages of Guam have received and are being inundated with calls for help and relief from residents and citizens whose homes and property have been flooded by the rains of Tropical Storm Colleen; and

WHEREAS: this has not been the first occurrence of these problems but rather that these problems have constantly recurred during heavy rain and thunderstorms; and

WHEREAS: even at those times, the then-Commissioners and then-Assistant Commissioners unsuccessfully tried to get assistance from the Government and have repeatedly suggested long term solutions to these recurring problems, said suggestions apparently falling on deaf ears;


NOW, THEREFORE, BE IT:

RESOLVED: that the Mayor's Council of Guam, on behalf of the Mayors and Vice-Mayors of the municipalities and villages of Guam and on behalf of the people of the Territory of Guam, does hereby firmly requests the Honorable Joseph F. Ada, Governor of Guam, to consider and to make the number one priority of the Government of Guam, the problems of flooding in all of the villages and areas of Guam and on the highways, streets and roads of the Island, and to immediately order the necessary Government of Guam agencies to develop and implement curative measures to prevent said flooding now and in the future; and be it further

RESOLVED: that the Mayor's Council of Guam, on behalf of the Mayors and Vice-Mayors of the municipalities and villages of Guam and on behalf of the people of the Territory of Guam, does hereby firmly requests the Honorable Joseph F. Ada, Governor of Guam, if necessary and requisite, to declare the flooding problems an emergency and to call an emergency session of the Guam Legislature in order to address these flooding problems, now and for the future; and to expend whatever funds are necessary for the alleviation and relief of the present problem; and be it further

RESOLVED: that all Mayors and Vice-Mayors of the municipalities and villages of Guam attest to and certify the adoption hereof and that copies of this Resolution be thereafter transmitted to the Honorable Joseph F. Ada, Governor of Guam; to each of the Senators of the Twentieth Guam Legislature; to the Director of the Department of Public Works; to the Director of Public Health and Social Services; to the Director of Civil Defense; and to the Director of the Bureau of Planning.

DULY AND REGULARLY ADOPTED AND CERTIFIED THIS 4TH DAY OF OCTOBER, 1989.


RAYMOND S. LAGUANA
PRESIDENT
MAYORS' COUNCIL OF GUAM

ATTESTED:


ISABEL S. HAGGARD
SECRETARY
MAYORS' COUNCIL OF GUAM

MAYORS

AGANA
FELIX F. UNGACTA

Felix F. Ungacta

AGANA HEIGHTS
FRANK M. PORTUSACH

Antonio C. Babauta
AGAT
ANTONIO C. BABAUTA

Vicente L. San Nicolas
ASAN-MAINA
VICENTE L. SAN NICOLAS

Raymond S. Laguana
BARRIGADA
RAYMOND S. LAGUANA

MONGMONG-TOTO-MAITE
ANTONIO D. MATERNE

Isabel S. Haggard
PITI
ISABEL S. HAGGARD

Gregorio M. Borja
SANTA RITA
GREGORIO M. BORJA

Francisco N. Lizama
SINAJANA
FRANCISCO N. LIZAMA

Tito A. Mantanona
TALOFORO
TITO A. MANTANONA

CHALAN PAGO-ORDOT
VICENTE S. SAN NICOLAS

Jose A. Rivera
DEDEDO
JOSE A. RIVERA

TAMUNING
ALFREDO C. DUNGCA

Albert T. Topasna
UMATAC
ALBERT T. TOPASNA

INARAJAN
JUAN C. CRUZ

Nonito C. Blas
MANGILAO
NONITO C. BLAS

John E. Blas
YIGO
JOHN E. BLAS

Vicente C. Bernardo
YONA
VICENTE C. BERNARDO

Ignacio S. Cruz
MERIZO
IGNACIO S. CRUZ

VICE MAYORS

John A. Quidachay
AGAT
JOHN A. QUIDACHAY

Daniel E. Sablan
SINAJANA
DANIEL E. SABLAN

BARRIGADA
JESSIE B. PALICAN

Teresita C. Borja
TAMUNING
TERESITA C. BORJA

DEDEDO
DORIS P. FERREIRA

Enrique S.M. Aflague
CHIEF EXECUTIVE OFFICER
ENRIQUE S.M. AFLAGUE



FELIX F. UNGACTA
MAYOR

Office of the Mayor
Capital City of Agaña

Territory of Guam

November 1, 1989

(A WRITTEN TESTIMONY OF MAYOR FELIX F. UNGACTA IN FAVOR OF BILL NO. 1016 AND BILL NO. 1017).

MY NAME IS FELIX FLORES UNGACTA, BORN AND RAISED IN AGANA, GUAM AND PRESENTLY THE ELECTED MAYOR OF THE CITY OF AGANA FOR THE PAST THREE TERMS. I AM STRONGLY IN FAVOR IN THE PASSAGE OF BILL NO. 1016: AN ACT TO APPROPRIATE FUNDS FROM THE GENERAL FUND TO THE DEPARTMENT OF PUBLIC WORKS FOR THE PURPOSE OF ADDRESSING THE FLOODING DAMAGES RESULTING FROM TROPICAL STORM COLLEEN.


THE PASSAGE OF BILL NO. 1017: AN ACT TO APPROPRIATE EIGHTEEN THOUSAND (\$18,000.00) FROM THE GENERAL FUND TO THE MUNICIPALITY OF AGANA FOR THE PURCHASE OF STREET CLEANING EQUIPMENT: AS WELL AS THE PASSAGE OF BILL NO. 1016 WILL INDEED BE BENEFICIAL TO THE PEOPLE OF AGANA-ANIGUA.

THE APPROPRIATED FUNDS OF \$409,000 TO THE DEPARTMENT OF PUBLIC WORKS FOR THE MUNICIPALITY OF AGANA WILL HOPEFULLY CORRECT THE FLOODING PROBLEMS SPECIFIED IN THE BILL.

MOREOVER THE PASSAGE OF BILL NO. 1017 FOR THE PURCHASE OF STREET CLEANING EQUIPMENT WILL DEFINITELY BE AN EFFECTIVE TOOL IN THE BEAUTIFICATION PROGRAM OF AGANA.

YOUR UTMOST CONSIDERATION IN THE PASSAGE OF THESE TWO AFOREMENTIONED BILLS WILL BE GRATEFULLY APPRECIATED.

THANK YOU.



FELIX F. UNGACTA

GOVERNMENT OF GUAM
Mayor of Inarajan
P.O. Box 786
Agana, Guam 96910

November 06, 1989

Senator Herminia D. Dierking
Acting Chairperson
Committee on Ways & Means
20th Guam Legislature
Agana, Guam 96910

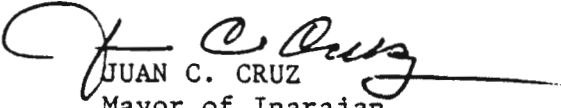
Acting Chairperson and Committee Members:

Although we have been spared of the full tropical storm force wind of storm Colleen, the tail-end seems to have done tremendous damages by its heavy rain causing severe flooding in numerous locations in Inarajan. The report submitted by my office pointed out the most critically affected areas during the recent storm exist at Paulino's residence in Malojloj and the neighboring low lying areas. Bill 1016 addresses these problems in many other ways than just physically controlling water from heavy rainfalls. This Bill will also provide sense of security to many residents in that particular area.

Senators, at the onset of every storm or typhoon warning, these residents fear great loss of property and suffer life-threatening conditions that many of them are seeking shelters elsewhere. Evacuation becomes very much a part of storm routine. Packing emergency supplies and re-locating your family during adverse weather conditions are something we can do without. Can we imagine re-locating an ill member of the family when there's a storm going on? Can we honestly justify the hardship and fear these residents go through in terms of dollars?

My dear Senators, I think we can imagine these things as well as we can justify where every penny of Bill 1016 goes. The Malojloj Pounding Well, for instance, will benefit numerous residents who became victims of past flooding. I'm sure all of us share the plight of our constituents asking for help so that we can say, "We deliver an obligation that delivers so many from the cruelty of fear and insecurity."

Committee Acting Chairperson and Committee Members, with great applause for every one of you, I fully endorse Bill 1016.


JUAN C. CRUZ
Mayor of Inarajan

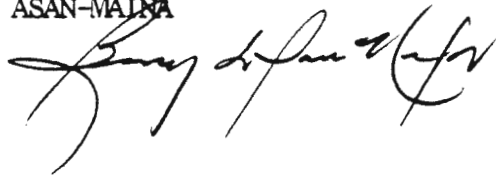
NOVEMBER 6, 1989

TO CHAIRMAN, SENATOR CARL T.C. GUTIERREZ AND MEMBERS, COMMITTEE ON WAYS AND MEANS:

GOOD MORNING SENATORS. MY NAME IS BENNY L. SAN NICOLAS MAYOR FOR ASAN-MAINA. THANK YOU ALL FOR BILL #1016. YES, I AM STRONGLY IN FAVOR OF THIS BILL FOR IT WILL ALLEVIATE THE FLOODING PROBLEM IN BOTH VILLAGES - NAMELY ASAN AND MAINA, AND WITH THIS APPROPRIATION, IF APPROVED, HOPEFULLY WILL SOLVE ALL THE NEEDS OF OUR PEOPLE IN BOTH VILLAGES.

ONCE AGAIN, THANK YOU ALL ON BEHALF OF THE PEOPLE OF ASAN-MAINA FOR INTRODUCING AND HOLDING A PUBLIC HEARING ON BILL 1016, HOPEFULLY, IT WILL BECOME A LAW VERY VERY SOON.

MAYOR BENNY L. SAN NICOLAS
ASAN-MAINA

A handwritten signature in cursive script, appearing to read "Benny L. San Nicolas".

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Agana Heights

Page 1 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION			CONSTRUCTION COST	CONTINGENCY COST	TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVENGE	DESIGN COST			
1. Flooding at six residences					\$117,000		\$117,000
2. Agana Heights Elem. School Parking Lot					\$189,400		\$189,400
3. Cleaning of ditches and inlets to culverts	\$20,000						\$20,000
4. Fonte River Bridge at Rte. 7					\$18,000		\$18,000
5. Fonte River bridge at Agana Hgts., Maina Road (White Lady Bridge)	\$23,657						\$23,657
6. Provide dry well at J.Cruz Avenue					\$34,000		\$34,000
7. Provide RCP & inlet at Taiqagao Road and Javier Avenue					\$149,000		\$149,000
8. Provide RCP & inlet at Ulloa Untalan Ave.					\$9,800		\$9,800
9. Dry well at Gutierrez way					\$34,000		\$34,000
10. Clear & clean ponding basin at Tutujan Dr.	\$11,362						\$11,362
11. Dry well at Sigao Road						\$5,900	\$5,900
12. Dry well at Mason Road						\$34,000	\$34,000
13. RCP & inlet at Cotia Dr.						\$9,800	\$9,800
14. RCP & inlet at Punot Dr.						\$9,800	\$9,800

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Agana/Anioux

Page 1 of 1

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LANE ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1. West O'Brien Drive a) Francisco Gumataotao b) Herman Gumataotao c) Eulogio Gumataotao Apt. d) Luisa Edquilane e) Salvador Lujan f) Snack Shack g) Quitugua's Residence h) Eulogio Gumataotao i) Jose Lujan j) Ben Lujan's Tire Shop k) Edquilane's Apt.	\$40,500	\$10,000	\$10,000	\$90,000	\$900,000	\$135,017	\$1,185,517
2. Bradley Street a) Kitty Dare b) Isabel Gumabon c) Catalina Tuncas d) Angel Daluga e) Randy Angoco	\$10,000	\$10,000	\$7,500	\$40,000	\$400,000	\$68,605	\$526,105
3. 10th St. - O'Brien Drive a) Jesus Cruz b) Pedro Palocz c) Dominga Cruz d) Mi-Club e) Upholstery Shop	\$15,000	\$10,000	\$8,500	\$48,000	\$75,000	\$21,150	\$177,650
4. Flooding from Ladera Restaurant	\$5,000						
5. Box culvert located in front of Governor's office	\$8,000						
6. 6th Street/O'Brien Drive		\$15,000	\$10,000	\$150,000	\$1,500,000	\$252,000	\$1,927,000
TOTAL COSTS	\$78,500	\$45,000	\$36,000	\$328,000	\$2,875,000	\$476,772	\$3,825,272

Prepared By: _____
Name Title Date

Recommended By: _____
Chief of Engineering Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Willagee: Egana Heights

Page 2 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					CONTINGENCY COST	
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST			
15. PCP Manjet at Joseon Cruz Avenue						\$9,800	\$9,800	
16. Replace box culvert at Ponte Bridge						\$210,000	\$210,000	
TOTAL COSTS	\$55,019	\$0	\$0	\$0	\$549,200	\$69,300	\$883,519	

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Agat

Page 1 of 3

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION				TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	
1 Agat staff housing to channel flood water to existing large line ditch	\$6,000					
2 Guadalupe Cordero and Maria Jordova, construction 30" culvert from storm drainage and water catchment	\$3,000					
3 Construct Agat storm drainage bridge open culvert	\$12,000					
4 Frank Aguon's Res. to the Spanish bridge, left hand side and Rivera's to the south side of the Spanish bridge	\$4,000					
5 Fenili Sanchez sub-division need to construct water catchment, concrete lined ditch and storm drain manhole			\$2,500	\$6,000	\$261,500	\$300,000
6 Old Torona River, need equip. and unclog drainage ditch	\$3,000					
7 Clean Perino St. and Rt. 2 Drainage box culvert next to Hafa Dai Store	\$3,000					
8 Zamachile Rd. need to lower the 30" culvert	\$4,500					
9 International Road, clean and unclog line ditch from culvert under Rte. 2 to Pacific Ocean	\$3,000					
10 Construct open culvert 100' long San Francisco St. to Jaan River	\$12,500					
11 Construct 50' open culvert block 27, behind Fred Santos Res. fr. project site to San Francisco St.	\$7,500					
12 R.R. Cruz St., construct open culvert on roadsides and RCP installation to take flood water to Torona River	\$10,000					

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Agat

Page 2 of 3

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION				TOTAL COST	
		LAND ACQUISITION COST	SURVEY TOPO SERVENCE	DESIGN COST	CONSTRUCTION COST		
11 Construct concrete lined ditch, storm drain manhole, RCP, & headwalls to take flood water to Charigan River and out to Pacific Ocean			\$4,000	\$6,000	\$440,000	\$50,000	\$500,000
14 Construct road side curbs on extension areas of New Agat as follows: Santa Cruz St., San Antonio St., San Francisco St., Tomas Rivera St., Emelio Mendez St., Tomas Mesa St., Lucas Rodriguez St.			\$2,000	\$4,000	\$70,000	\$5,000	\$82,000
15 Construct storm drainage culvert at South Perino St., to Boca River to alleviate problems in Antonio, Jesus Torre's and Macalid's Apt. area			\$2,000	\$5,000	\$50,000	\$10,000	\$77,000
16 Construct and install 30" RCP, storm drain manhole and headwall at Atao rd. to prevent water ponding	\$500		\$3,000	\$5,000	\$50,000	\$7,000	\$65,500
17 Erskin Dr. need equip. to clean debris in drainage ditch from top to bottom of Erskin Drive	\$5,000						
18 Block 3 Salinas River needs equipment for cleaning debris	\$4,000						
19 Diaz, Saulia & Mesa Frontage Flooding	\$3,000						
20 Santa Ana & Rte. 2 drainage ditch to clean and unclog culvert	\$3,500						
NOTE: No. 19. needs to clean ditch in front of Guam Egg Farm							
21 Box culvert (10'x10') located right before the Agat Marina	\$45,000						
22 Box culvert in Agat across hse. no. 236 Rte. 2	\$12,000						
23 Box culvert (8'x6')	\$12,000						

DEPARTMENT OF PUBLIC WORKS

Village: Agat

Page 4 of 5

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVENGE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
24 Box culvert (10'x10') located in Agat	\$40.000						
25 Box culvert (6'x6') located in between PUAG Pump and Agat	\$12.000						
26 Box culvert (6'x4') located at Right of Elite Bakery	\$40.000						
TOTAL COSTS	\$250.600	\$0	\$14.500	\$26.000	\$881.500	\$102.000	\$1.024.600

Prepared By: _____
 Name/Title Date

Recommended By: _____
 Chief of Engineering Date

Reviewed By: _____

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Maina/Asan

Page 1 of 1

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION				TOTAL COST	
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST		CONTINGENCY COST
1. Behind Bank of the Orient flooding							
2. Arriola's Apt. along Halsev Drive toward Maina siltation			\$3,000	\$10,000	\$47,500	\$22,500	\$83,000
3. Fonte Bridge area Rte. 1 clearing of inlets			\$5,000	\$5,000	\$71,700	\$22,500	\$104,200
4. Peter Nelson's Office complex toward Naval Hospital needs cleaning	\$2,000						\$2,000
5. Candelaria Road next to Daniel Guerrero's residence, culvert inlet and outlet clogged			\$2,000	\$5,000	\$40,500	\$12,500	\$60,000
6. Maina House			\$3,000	\$25,000	\$279,050	\$12,500	\$319,550
7. 2 Box culverts in same area located at Rte. 1 next to Non-Catholic Church in Asan	\$2,000						\$2,000
8. Box culvert located in Asan next to Soons's Lounge	\$5,000						\$5,000
9. Nimitz Hill Navy Housing drainage erosion control			\$15,000	\$35,000	\$250,000	\$45,000	\$345,000
TOTAL COSTS	\$9,000		\$28,000	\$80,000	\$648,750	\$125,000	\$840,750

Prepared By: _____
Name/Title _____ Date _____

Recommended By: _____
Chief of Engineering _____ Date _____

Reviewed By: _____
Name/Title _____ Date _____

DEPARTMENT OF PUBLIC WORKS
 SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Barrigada

Page 1 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1. Bill Jones, Ana St. Flooding	\$3,000						
2. Francisco Siquenza, Mariano Blas St., Flooding	\$4,000						
3. Vicente C. Aguon, Mata St. Flooding	\$8,000						
4. Jose S. Elias, As Ana St. Flooding	\$3,000						
5. Jose Rabado, As Ana St. erosion	\$5,000						
6. Ana Castro, Mirago Ave. Flooding	\$2,000						
7. Rufo Lujan, As Ana St. Flooding	\$2,000						
8. Mariano Nauta, Nauta St. Flooding	\$5,000						
9. Joaquin Tajeron, Tajeron Heights, Flooding	\$5,000						
10. Monica Concepcion, land use area, Flooding	\$15,000						
11. Rte. 4A, down hill to junction Rte. 4, shoulder needs to be harden either by cementing or asphalt because of erosion	\$60,000						
12. Tie in from As Ana to San Miguel St. erosion, additional culvert pipes are needed	\$40,000						

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Barrigada

Page 2 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SURVEY	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
13. Radio Barrigada, Jose George Res., dry well needed or relocation of the family	\$25,000						
14. San Antonio area Mr. Paul Mendiola, same as #13	\$25,000						
15. Levang Barrigada, Mr. George Barrido and Mr. Jennings additional land for ponding	\$35,000	\$35,000	\$2,000	\$5,000	\$185,000	\$10,000	\$272,000
16. Rte. 16 storm drainage Hanson Loop to Motorola							To be incorporated with Rte. 16 reconstruction
17. Surplus Store flooding for surface runoff from Bakery needs storm drainage system	\$5,000						
TOTAL COSTS	\$241,000	\$35,000	\$2,000	\$5,000	\$185,000	\$10,000	\$272,000

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Chalan Pago

Page 1 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1. Drainage clearing in Maimai area		\$35,000	\$5,500	\$30,000	\$150,000	\$33,000	\$253,500
2. Drainage clearing in Fai area	\$5,000						\$5,000
3. Cleaning of drainage system in Fajaja Subdivision							
4. Cleaning and re-establishment of drainage swale and cleaning of clogged driveway crossing	\$10,000						\$10,000
5. Cleaning of drainage system in Inalado area	\$5,000						\$5,000
6. Construction of storm drainage system around Apusento Gardens Dev.		\$2,500	\$4,000	\$7,500	\$50,000	\$9,600	\$73,600
7. Construction storm drainage system area around Ordot-Chalan Pago, Elem. School		\$20,000	\$7,500	\$15,000	\$55,000	\$16,125	\$103,625
8. Construction of asphaltic rounded curb from Rte. #10 intersection and ending just past Chalan Lala St. along Rte. 10	\$5,000						\$5,000
9. Clearing and cleaning of drainage system at intersection of Judge Sablan and Dero Street		\$20,000	\$7,500	\$15,000	\$60,000	\$15,375	\$117,875

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Officer: Chalan Pago

Page 2 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
10. Construction of asphaltic concrete rounded curb behind Koska Mart	\$5,000						\$5,000
11. Clearing and bush-cutting along Chalan Padinan St. and resurfacing of coral road with base course material	\$3,000						\$3,000
12. Construction of bonding basin near Apusento Gardens Dev.		\$85,000	\$7,500	\$60,000	\$306,000		\$458,500
13. Repair of roadway coursed by storm runoff under lining roadway substructure in Chalan Pago	\$25,000						\$25,000
TOTAL COSTS	\$58,000	\$85,000	\$32,000	\$127,500	\$331,000	\$74,100	\$940,100

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Municipality: Caguas

Page 1 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1. Clean/clear all drainage system located at Park area Michirica San Antonio vicinity	\$6,599						
2. Clean/clear all drainage system located at Liguán Terrace	\$120,625						
3. Clean/clear all drainage system located at Alecia Court	\$17,064						
4. Flooding is experienced at the intersection of Gloria Circle and Redondo Luchan that surrounds the newly built Church.	\$5,028						
5. The drainage system located at the junction of West San Antonio and Salisbury St. needs cleaning and clearing of all debris.	\$4,804						
6. Provide ditch at intersection of Consolacion St. and Sta. Monica Ave.	\$4,000						
7. Evaluate and maintain all dry wells in Central Caguas.	\$28,300						
8. Upgrading of existing ponding basin including installation of fence and construction of ramps.		-0-	-0-	\$40,000	\$204,600	-0-	\$244,600
9. Clean and maintain all drainage system at GHURA Series 500.	\$21,450						
10. Improvement of drainage swale along Y-Sengsong Road	-0-		\$5,000	\$15,000	\$154,600	\$7,500	\$182,100

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Project: 14110

Page 2 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	

1. Maintain and clean drainage in the Park located at Sta. Barbara/Santa Monica vicinity	\$6,700						
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TOTAL COSTS	\$244,369	\$0	\$5,000	\$55,000	\$359,200	\$7,500	\$426,700
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Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Inarajan

Page 1 of 1

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOTAL SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1 Construct ditch in Tinaga area	\$5,000						
2 Construction of ditch at Tipoco Area	\$6,000						
3 Installation of 18" X 8' box culvert before mill to Talofofo cays	\$7,000						
4 Clearing of Culvert and Drainage system to Chaming Lago area	\$20,000						
5 Construct drainage system to alleviate flooding at Paulino's residence		\$20,000	\$10,000	\$20,000	\$10,000	\$10,000	\$100,000
6 Construct ponding basin in Malojoc		\$100,000	\$10,000	\$50,000	\$20,000	\$50,000	\$410,000
7 St. John's St. (Across St. John School) entrance is also flooded during rainy season as well as in the trailer park area residents experiencing low line areas being flooded	\$15,000						
8 Gov. Carlos Camacho road. (Camp Watkins Rd.) shoulders leading from the hospital. (water builds up in front of residential homes driveways	\$7,000						
9 Entrance to Tumon Village apartments. again this area is constantly having water build up	\$6,000						
TOTAL COSTS	\$68,000	\$120,000	\$20,000	\$70,000	\$300,000	\$60,000	\$578,000

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Mangilao

Page 11 of 11

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVEANCE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1. Property of Mr. & Mrs. Ignacio Nero	\$3,000						
2. Mr. Antonio White Rte. 10	\$3,000						
3. J. Apiaq, Rte. 10	\$3,000						
4. Mr. & Mrs. Joe Cruz, Manis Street	\$3,000						
5. Mr. Daniel Mendiola, Gais Street	\$3,000						
6. Mrs. Aurelia Francisco Andersen Way	\$3,000						
7. Corpuz and Pangelinan Street	\$3,000						
8. Postat Lane (corner)	\$3,000						
TOTAL COSTS	\$24,000						

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Merizo

Page 1 of 1

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
Twenty five homes need lined ditches to prevent the water from getting into their homes	\$60,000						
Most of the bridges, storm drainage plugged up	\$20,000						
Most of the roads, streets and driveways are severely damaged in recent flooding	\$80,000						
roads need cold mixed asphalt							
Box culvert (14'x6') located next to post office in Merizo qualifies for bridge status	\$100,000						
Box culvert (10'x6') located next to J.A. Cruz Ave. in the village of Merizo		\$20,000	\$2,000	\$5,000	\$150,000	\$15,000	\$192,000
Box culvert (20'x10') located at Merizo MJ store			\$2,000	\$5,000	\$150,000	\$15,000	\$172,000
Pipe culvert with 7' holes; concrete pipe located in Merizo			\$2,000	\$5,000	\$150,000	\$15,000	\$172,000
Box culvert (10'x10') located in Merizo next to house no 159 (Rt. 4) qualifies for classification as bridge			\$2,000	\$5,000	\$150,000	\$15,000	\$172,000
Box culvert (30'x10') located located in Merizo next to hse. no. 340 Rt. 2			\$2,000	\$5,000	\$150,000	\$15,000	\$172,000
TOTAL COSTS	\$210,000	\$20,000	\$10,000	\$25,000	\$750,000	\$75,000	\$880,000

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Project: Mongmong-Poto

Page 11 of 11

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION						TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST		
1. Poto Community Center Ponding Basin a. Construct Dry Well Inspection DPW	\$600.00	-	\$1,000.00	\$20,000.00	\$100,000.00	\$20,000.00	\$151,600.00	
2. Flooding at Flores Residence a. Clearing of existing drainage system and construction of unlined swale.	\$1,000							
b. Construction of storm drainage system from Route 2 intersect Canada Poto Road to Blas family property.		\$50,000.00	\$20,000	\$200,000.00	\$3,000,000	\$100,000.00	\$3,370,000	
3. Mongmong-Poto Road Flooding a. Roadway shoulder area cave-in	\$6,000							
b. Construction of storm drainage system to alleviate flooding on roadway		-	\$10,000	\$20,000.00	\$100,000.00	\$30,000.00	\$160,000.00	
4. Construction of section wells at Poto Dip		\$25,000.00	\$10,000	\$60,000.00	\$300,000.00	\$40,000.00	\$435,000.00	
5. Cleaning of swale entire village	\$20,000							
TOTAL COSTS	\$29,600	\$75,000	\$41,000	\$310,000	\$3,500,000	\$190,000	\$4,116,600	

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Willage: Piti

Page 1 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
10. Pipe (concrete) culvert located 100 feet from Varsity Club entrance in Piti	\$2,000						\$2,000
11. Box culvert across Veteran's Cemetery site 4' x 4' located in the Village of Piti	\$7,000						\$7,000
12. Box culvert 4' x 5' located in Piti across Piti Mobil Station	\$1,000						\$1,000
13. Box culvert located 100' from RR Cruz Store in Piti and/or in front of X-Auto Shop	\$3,000						\$3,000
14. Construction of 1.37 mile (5 lanes) roadway and Aguada River Bridge modification (Polaris)					\$2,161,506		\$2,161,506
15. Construction of River Bank at Aguada Bridge (Polaris)					\$351,000		\$351,000
16. Dredging of Masso to remove restrictions along river channel					\$52,000		\$52,000
17. Piti, Miscellaneous			\$5,000	\$20,000	\$119,000	\$52,240	\$195,240
TOTAL COSTS	\$71,067		\$10,500	\$35,000	\$2,769,146	\$84,740	\$2,970,453

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Santa Rita

Page 1 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1. Construction of storm drainage system to eliminate flooding from Hano Falls which flow in to Borja/Laboton residences.	-0-	\$150,000	\$20,000	\$60,000	\$2,000,000	\$300,000	\$467,360,000
2. Construct of culvert and field inlet to relieve standing runoff along roadway to San Vicente area.		-0-	\$5,000	\$10,000	\$100,000	\$10,000	\$21,000,000
3. Upgrade existing culvert to increase capacity at Pale Duenas & Pale Eugenio Intersection and installation of guardrails.	\$4,000						
4. Installation of lined ditch at Olano Drive.		-0-	\$10,000	\$20,000	\$350,000	\$40,000	\$61,320,000
5. Installation of lined ditch along Pale San Street.		-0-	\$1,000	\$3,000	\$45,000	\$10,000	\$7,788,000
6. Installation of concrete curb and restoration of eroded areas at Pale Ramon Street.		-0-	\$2,000	\$3,000	\$25,000	\$5,000	\$4,165,000
7. Construction of lined ditches and drainage modification at Pale Duenas Street adjacent to Mayor's Office.		-0-	\$10,000	\$20,000	\$200,000	\$25,000	\$26,010,000
8. Cleaning of clogged drainage system at Pale Duenas St. & Corporal Sablan intersection.	\$5,000						
9. Cleaning of existing drainage system at Pale Duenas St. fronting Hse. #128, 138, & 144.	\$15,000						
10. Cleaning of drainage system at J.P. Sarmiento street.							

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Santa Rita

Page 2 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST	
		LAND ACQUISITION COST	SURVEY TOPO SERVEANCE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST		
11. Cleaning of drainage system at V.O. Lizana St. and installation of concrete lined V-shape swale.		-0-	\$5,000	\$10,000	\$75,000	\$10,000	\$10,160,000	
12. Construction of drainage system to alleviate stagnant storm run-off restricting traffic flow through Route 17-Cross Island Road.	\$10,000	-0-	\$2,000	\$5,000	\$75,000	\$10,000	\$2,358,000	
13. Installation of soil stabilization measures due to land slides and installation of storm drain at Bishop Apuron and Bishop Street along Route 17.		-0-	\$2,500	\$5,000	\$100,000	\$20,000	\$1,530,000	
TOTAL COSTS	\$34,000		\$150,000	\$67,500	\$136,000	\$2,970,000	\$430,000	\$602,139,000

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

City: San Juan

Page 1 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1. Maria E. Perez Res. Agana Springs flooding a) Elevate & Widen existing coral road. b) Backfill the access road	\$10,000				\$90,000		\$90,000
2. Ana Cruz Res. Chalan Lanton Tutujan. Flooding & stagnant water provide storm drainage	\$11,000						
3. Westfall Samuilano area area in Afame. flooding provide RCP culvert	\$12,000						
4. Lucio road in Agana Springs. erosion of entrance backfill eroded road portion	\$10,000						
5. Ponding basin at Chalan Gumayus. plugged up due to heavy vegetation and dirt residue cleaning	\$12,000						
6. Storm drainage are plugged up clearing & cleaning	\$14,000						
7. Flooding at O.L. Taitano Elem. School provide storm drainage	\$12,000						
TOTAL COSTS	\$81,000				\$90,000		\$90,000

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

City: Shajana

Page 2 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION						TOTAL COST
		LAND ACQUISITION COST	SUBVBT TRPC SERVENOE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST		
1. Shajana Community Center flooding clean clogged drain and replace as needed	\$3,000							
2. Soil deposits are accumulated at one side of the building provide retaining wall					\$15,000		\$15,000	
TOTAL COSTS	\$3,000				\$15,000		\$15,000	

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
 SUMMARY REPORT FOR FLOOD ASSESSMENT

City: Toledo

Page 1 of 2

PROJECT LOCATION	IMMEDIATE PORTION COST	PENDING PORTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO REFERENCE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1. Bill Jones - He Ana Street (flooding)	\$5,000						
2. Francisco Siquenza - Mariano Blas St. (flooding)		\$15,000	\$7,500	\$10,000	\$35,000	\$17,525	\$135,125
3. Vicente Guon - Mata Street (flooding)		\$15,000	\$3,000	\$7,500	\$40,000	\$9,725	\$75,225
4. Jose Salas - He Ana Street (flooding)	\$4,000						
5. Jose Rabado - He Ana Street (erosion)		\$20,000	\$7,500	\$15,000	\$55,000	\$16,125	\$108,625
6. Ana Castro - Miranda Ave. (flooding)	\$7,000						
7. Rofe Lujan He Ana St. (flooding)		\$30,000	\$5,000	\$30,000	\$110,000	\$26,125	\$201,125
8. Mariano Nauta St. (flooding)	\$3,000						
9. Rodolfo Pajeron - Pajeron Hts. (flooding)	\$4,000						
10. Modica Concession land use area (flooding)	\$3,000						
11. Rte. 4A, downhill to junction of Rte. 4. Shoulder needs to be hardened either be prevent erosion. Also cave-in areas needs rip- rap and reinforced concrete caused by erosion.	\$10,000						

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Project: Del Norte

Page 4 of 4

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	STUDY COST	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1. Need additional culvert pipes to prevent road from washout in front of As Ana to San Miguel Street erosion	\$8,000						
2. Flooding at Vicente Niza residence	\$8,000						
3. Flood erosion control on newly installed drainage culvert at intersection of Saint David London St.	\$7,000						
4. Flooding at Thomas Devoron		\$5,000	\$1,000	\$20,500	\$45,000	\$10,000	\$80,950
TOTAL COSTS	\$50,000	\$5,000	\$28,000	\$42,500	\$145,000	\$40,000	\$610,175

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
 SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Tanning/Tumon

Page: 1 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO REFERENCE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1. Construction of storm drainage system near Maroon Cold Storage area/ access road leading to residential homes		\$150,000	\$10,000	\$80,000	\$500,000	\$108,000	\$828,000
2. Construct of roadway and drainage system along Marata St., Tison		\$550,000	\$15,000	\$75,000	\$275,000	\$131,250	\$1,006,250
3. Cleaning of existing storm and McDonalds to Mark's Furniture Store/Bas Bldg.	\$20,000						\$20,000
4. Construction of drainage system from San Vitores intersection at Australian Cable with Pte. 1 to GTA Office		\$175,000	\$10,000	\$40,000	\$350,000	\$83,250	\$658,250
5. Construction of storm drainage system at Governor Carlos Casachó Road (Carré Watkins Road) from S.M.H. Hospital to Jonestown low spot		\$150,000	\$10,000	\$80,000	\$500,000	\$108,000	\$828,000
6. Flooding/stagnant storm runoff diversion of storm runoff drainage system installation along Tumon village property	\$10,000						\$10,000
8. Construction of percolation trench or pits near Hafa Adal Theater 2 & 3				\$3,000	\$30,000	\$5,000	\$38,000

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Tamuning/Tumon

Page 2 of 2

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVENCE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
9. Extension of San Vitores storm drainage for GVB Office to Conga/San Vitores					\$400,000		\$400,000
10. Construction of roadway of drainage near Perez Bros. Block Plant and Harmon Laundry area		\$100,000	\$10,000	\$20,000	\$500,000	\$100,000	\$730,000
TOTAL COSTS	\$30,000	\$1,125,000	\$55,000	\$218,000	\$2,555,000	\$535,500	\$4,518,500

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Maatac

Page 1 of 1

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOT
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1 Construction of storm drain system behind San Dionisio Church	\$10,000						
2 Flooding at Nino Perdido street and cleaning of existing drainage system	\$5,000						
3 Construct storm drainage at East Mindaic Street drainage system to Chaming		\$15,000	\$5,000	\$20,000	\$100,000	\$10,000	\$15
4 Construct drainage along San Dionisio Street to alleviate flooding at		\$200,000	\$10,000	\$57,000	\$1,000,000	\$100,000	\$1
5 Construction of storm drainage system for area near Low Cost Housing and Subdivision	\$10,000		\$20,000	\$100,000	\$1,500,000	\$200,000	\$1,34
6a Clean existing culverts at Soledad and near Sanchez sotre in Merico	\$7,000						
6b Reconstruct culverts at two locations being flooded	\$15,000	\$50,000	\$10,000	\$20,000	\$25,000	\$50,000	\$46
7 Hwy. Carlos Manacho road, Camp Watkins Rd. shoulders leading from the hospital water builds up in front of residential homes/ driveways	\$7,000						
7 Entrance to Tumon Village apartments, again this area is constantly having water build up	\$5,000						
TOTAL COSTS	\$60,000	\$275,000	\$45,000	\$190,000	\$2,925,000	\$360,000	\$3,795

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Village: Higo

Date: 11/11/11

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
1. Intersection of Route 1 and Juan Jacinto Road.			\$2,000	\$5,000	\$50,000	\$7,500	\$64,500
2. Along Juan Jacinto Road			\$1,500	\$3,000	\$30,000	\$4,500	\$39,000
3. Iglesia St.			\$1,500	\$4,000	\$42,000	\$6,300	\$53,800
4. Casimiro St.			\$3,000	\$6,000	\$60,000	\$9,000	\$78,000
5. Chalan Katot			\$1,500	\$2,500	\$30,000	\$4,500	\$38,500
6. Puro Elem. School Playground.	\$2,865						
7. Gayinero Dr. East Side	\$7,660						
8. Remove vegetation at inlet and outlet of drainage at Gayinero St.	\$1,165						
TOTAL COSTS	\$11,865		\$9,500	\$20,500	\$212,000	\$31,800	\$273,800

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

DEPARTMENT OF PUBLIC WORKS
SUMMARY REPORT FOR FLOOD ASSESSMENT

Office: Manila

Page 1 of 1

PROJECT LOCATION	IMMEDIATE ACTION COST	PENDING ACTION					TOTAL COST
		LAND ACQUISITION COST	SURVEY TOPO SERVICE	DESIGN COST	CONSTRUCTION COST	CONTINGENCY COST	
PLANTAT AREA FLOODING							
1. Antonio W. Guinene	\$4,000	\$7,500	\$5,000	\$15,000	\$40,000	\$10,125	\$77,625
2. Frank Balajadia 789-1865	\$4,000	\$5,000	\$2,000	\$2,500	\$15,000	\$3,550	\$28,050
3. Pedro P. Balajadia	\$3,000	\$5,000	\$2,000	\$2,500	\$15,000	\$3,550	\$28,050
4. Basil Balajadia 789-2341	\$3,000	\$5,000	\$2,000	\$2,500	\$15,000	\$3,550	\$28,050
5. Vicente Pangalanan	\$3,000	\$20,000	\$7,500	\$15,000	\$60,000	\$15,375	\$117,875
6. Antonio Damaano	\$2,775	\$1,000	\$1,000	\$2,000	\$7,500	\$1,725	\$12,225
HANENCON AREA FLOODING							
1. Rose Salas 789-2676	\$2,000	\$10,000	\$3,500	\$7,500	\$30,000	\$3,000	\$59,000
2. Enrique M. Santos 789-3202	\$2,000	\$15,000	\$3,500	\$7,500	\$45,000	\$10,650	\$81,650
3. Francisco Iwatsu	\$2,500	\$150,000	\$25,000	\$200,000	\$1,200,000	\$236,250	\$1,811,250
Hanengon Bridge (will of Bambos)	\$12,000						
TOTAL COSTS	\$38,500	\$218,500	\$51,500	\$254,500	\$1,427,500	\$292,775	\$2,244,775

Prepared By: _____
Name/Title Date

Recommended By: _____
Chief of Engineering Date

Reviewed By: _____
Name/Title Date

Bill No. 1016

11/29/89

Amendatory Bill Yes No

11/29/89

Department/Agency Affected: PUBLIC WORKS

Department/Agency Head: BENIGNO PALOMO

Total Fiscal Year Appropriation: \$23,640,250

Bill Title (concise): AN ACT TO APPROPRIATE FUNDS FROM THE GENERAL FUND TO THE DEPARTMENT OF PUBLIC WORKS FOR THE PURPOSE OF ADDRESSING THE FLOODING DAMAGES RESULTING FROM TROPICAL STORM COLEEN.

Change in Law: _____

Bill Attempts to:

- Increase Program Funding
- Decrease Program Funding
- Reallocate Present Program Funding
- Create New Program

FINANCIAL PROGRAM ANALYSIS

<u>PROGRAM CATEGORIES</u>	<u>Min.</u>	<u>Max.</u>	<u>Current</u>	<u>Change</u>	<u>Notes</u>
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Utilities and Infrastructures

GRAND TOTAL	<u>See Comments</u>
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ESTIMATED MULTI-YEAR FUND COMMITMENTS

<u>SOURCES</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>	<u>5th</u>
General Fund	_____	_____	_____	_____	_____
Federal Fund	_____	_____	_____	_____	_____
Other Fund	_____	_____	_____	_____	_____
GRAND TOTAL	<u>See Comments</u>	_____	_____	_____	_____

ESTIMATED MULTI-YEAR FUND COMMITMENTS

<u>SOURCES</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>	<u>5th</u>
General Fund	_____	_____	_____	_____	_____
Federal Fund	_____	_____	_____	_____	_____
Other Fund	_____	_____	_____	_____	_____
GRAND TOTAL	<u>See Comments</u>	_____	_____	_____	_____

Catherine U. Leon Guerrero
Catherine U. Leon Guerrero
PROGRAM MANAGER

Michael J. Reidy
MICHAEL J. REIDY
DIRECTOR

COMMENTS ON BILL NO. 1016(LS)

Bill No. 1016(LS) is an act to appropriate funds from the General Fund to the Department of Public Works for the purpose of addressing the Flood Damages resulting from Tropical Storm Colleen.

Based on information received from Public Works, the appropriation of \$8,625,506 will be inadequate funding to repair flood damages from Tropical Storm Colleen. It has been estimated that the sum of \$30,000,000 is needed to address the flood damage problems. A breakdown of the cost of \$30,000,000 was not available at this time.



MICHAEL J. REIDY

OCT 16 '89

Bill No. 1016 (LS)

Introduced by:

C. EC. GUTIERREZ
E. S. NELSON
D. PARKINSON

AN ACT TO APPROPRIATE FUNDS FROM THE
GENERAL FUND TO THE DEPARTMENT OF PUBLIC
WORKS FOR THE PURPOSE OF ADDRESSING THE
FLOODING DAMAGES RESULTING FROM TROPICAL
STORM COLLEEN.

BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

Section 1. The sums listed in each section below are appropriated from the
General Fund to the Department of Public Works ("Department") to fund the costs
of immediate correction and repairing of damage from Tropical Storm Colleen and
to prevent future flooding problems.

Section 2. Four Hundred Nine Thousand Dollars (\$409,000) are
appropriated to the Department for the village of Agaña-Anigua in the following
amounts for the following projects:

PROJECT	LAND	SURVEY	DESIGN
<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
West O'Brien Drive	\$10,000	\$10,000	\$90,000
Bradley Street	10,000	7,500	40,000
10th Street & O'Brien Drive	10,000	8,500	48,000
6th Street & O'Brien Drive	15,000	10,000	150,000

Section 3. Eight Hundred Twenty Eight Thousand Five Hundred Dollars
(\$828,500) are appropriated to the Department for the village of Agaña Heights in the
following amounts for the following projects:

PROJECT	CONSTRUCTION
<u>LOCATION</u>	<u>COST</u>
Flooding at six residences	\$117,000

1	Agana Heights School Parking Lot	189,400
2	Fonte River Bridge at Route 7	16,000
3	Dry well at J. Cruz Avenue	34,000
4	RCP & inlet at Taigagao Road and Javier Avenue	139,000
5	RCP & inlet at Ulloa Untalan Avenue	9,800
6	Dry well at Gutierrez Way	34,000
7	Dry well at Gigao Road	5,900
8	Dry well at mason Road	34,000
9	RCP & inlet at Cotla Drive	9,800
10	RCP & inlet at Punot Drive	9,800
11	RCP & inlet at Joseph Cruz Avenue	9,800
12	Replace box culvert at Fonte Bridge	210,000

13 Section 4. Forty Thousand Five Hundred Dollars (\$40,500) are appropriated
 14 to the Department for the village of Agat in the following amounts for the
 15 following projects:

16	PROJECT	SURVEY	DESIGN
17	<u>LOCATION</u>	<u>TOPO SERVICE</u>	<u>COST</u>
18	Construction of water catchment,		
19	concrete lined ditch and storm drain		
20	at Fenili Sanchez Subdivision	2,500	6,000
21	Construction of concrete lined		
22	ditch, storm drain manhole, RCP		
23	and headwalls to take flood water to		
24	Chaligan River and out to Pacific Ocean	4,000	6,000
25	Construct road side curbs at Santa Cruz St., San		
26	Antonio St., San Francisco St., Tomas Rivers St.,		
27	Emelio Nededog St., Tomas Mesa St., and Lucas		
28	Rodriguez St.	3,000	4,000

1	Construct culvert at S. Perino St. to Togcha River	2,000	7,000
2	Construct and install 30" RCP, storm drain manhole		
3	and headwall at Atao Rd.	3,000	5,000

4 Section 5. One Hundred Eight Thousand Dollars (\$108,000) are
 5 appropriated to the Department for the villages of Asan-Maina in the following
 6 amounts for the following projects:

7 PROJECT	LAND	SURVEY	DESIGN
8 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVICE</u>	<u>COST</u>
9 Arriola's Apts. along Halsey Drive			
10 toward Maina		3,000	10,000
11 Fonte Bridge area Rt. 7 clearing of inlets		5,000	5,000
12 Candelaria Rd. culvert inlet and outlet clogged		2,000	5,000
13 Maina House		3,000	25,000
14 Nimitz Hill Navy Housing drainage erosion control		15,000	35,000

15 Section 6. Forty Two Thousand Dollars (\$42,000) are appropriated to the
 16 Department for the village of Barrigada in the following amounts for the following
 17 projects:

18 PROJECT	LAND	SURVEY	DESIGN
19 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVICE</u>	<u>COST</u>
20 Leyang Barrigada, Mr. George			
21 Garrido and Mr. Kamminga			
22 additional land for ponding	35,000	2,000	5,000

23 Section 7. Three Hundred Twenty Two Thousand Dollars (\$322,000) are
 24 appropriated to the Department for the village of Chalan Pago-Ordot in the
 25 following amounts for the following projects:

26 PROJECT	LAND	SURVEY	DESIGN
27 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVICE</u>	<u>COST</u>
28 Drainage cleaning in Maimai area	35,000	5,500	30,000

1	Construct storm drainage			
2	system around Apusento Gardens	2,500	4,000	7,500
3	Construct storm drainage system			
4	around Ordot-Chalan Pago Elem.	20,000	7,500	27,500
5	Clearing and cleaning of drainage			
6	system at intersection of Judge			
7	Sablan and Dero St.	20,000	7,500	27,500
8	Construction of ponding basin area			
9	near Apusento Gardens	85,000	7,500	92,500

10 Section 8. Sixty Thousand Dollars (\$60,000) are appropriated to the
 11 Department for the village of Dededo in the following amounts for the following
 12 projects:

13	PROJECT	LAND	SURVEY	DESIGN
14	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
15	Upgrading of existing ponding basin			
16	including installation of fence and			
17	construction of ramps			15,000
18	Improvement of drainage swale along			
19	Y-Sengsong Rd.		5,000	15,000

20 Section 9. Two Hundred Ten Thousand Dollars (\$210,000) are appropriated
 21 to the Department for the village of Inarajan in the following amounts for the
 22 following projects:

23	PROJECT	LAND	SURVEY	DESIGN
24	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
25	Construct drainage system at			
26	Paulino's residence	20,000	10,000	20,000
27	Construct ponding basin in			
28	Malojloj	100,000	10,000	50,000

1 Section 10. Fifty Five Thousand Dollars (\$55,000) are appropriated to the
 2 Department for the village of Merizo in the following amounts for the following
 3 projects:

4 PROJECT	LAND	SURVEY	DESIGN
5 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVICE</u>	<u>COST</u>
6 Box culvert (10' X 6') next to			
7 J. A. Cruz Ave., Merizo	20,000	2,000	5,000
8 Box culvert (20' X 10') at C & J			
9 Store, Merizo		2,000	5,000
10 Pipe culvert with 7 (holes) concrete pipe		2,000	5,000
11 Box culvert (20' X 10') next to Hse no. 759 (Rt. 4)		2,000	5,000
12 Box culvert (30' X 10') next to Hse. no. 840, Rt. 2		2,000	5,000

13 Section 11. Four Hundred Twenty Six Thousand Dollars (\$426,000) are
 14 appropriated to the Department for the village of Mongmong-Toto-Maite in the
 15 following amounts for the following projects:

16 PROJECT	LAND	SURVEY	DESIGN
17 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVICE</u>	<u>COST</u>
18 Toto Community Center			
19 ponding basin		1,000	30,000
20 Construction of storm drainage			
21 system from Rt. 8 intersection/			
22 Canada Toto Rd. to Blas property	50,000	20,000	200,000
23 Construction of storm drainage system			
24 at Mongmong-Toto Rd.		10,000	20,000
25 Construction of section wells			
26 at Toto Dip	25,000	10,000	60,000

27 Section 12. Two Million Six Hundred Ten Thousand Six Dollars (\$2,610,006)
 28 are appropriated to the Department for the village of Piti in the following amounts

1 for the following projects:

2 PROJECT	SURVEY	DESIGN	CONSTRUCTION
3 <u>LOCATION</u>	<u>TOPO SERVENCE</u>	<u>COST</u>	<u>COST</u>
4 Retaining seawall on Rt. 1	1,000	1,500	
5 Taguag River Bridge located at			
6 the end of Assumption Dr.	2,000	8,000	
7 Drainage system at Talleje/Hunter			
8 residence	2,500	5,500	
9 Construction of 0.57 miles (5 lanes)			
10 roadway and Aguada River Bridge			
11 modification (Polaris)			2,100
12 Construction of river bank at			
13 Aguada Bridge (Polaris)			150
14 Dredging of Masso to remove			
15 restrictions along river channel			52
16 Piti, miscellaneous	5,000	20,000	

17 Section 13. Three Hundred Fifty Three Thousand Five Hundred Dollars
 18 (\$353,500) are appropriated to the Department for the village of Santa Rita in the
 19 following amounts for the following projects:

20 PROJECT	LAND	SURVEY	DESIGN
21 <u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
22 Construct storm drainage system			
23 in Borja/Laboton residence	150,000	30,000	60,000
24 Construct culvert and field inlet			
25 along roadway to San Vicente area		5,000	10,000
26 Installation of lined ditch at Olano Drive		10,000	20,000
27 Installation of lined ditch at pale San Street		1,000	3,000
28 Installation of concrete curb and restoration			

1	of eroded areas at Pale Ramon Street	2,000	10,000
2	Construction of lined ditches and drainage		
3	modification at pale Duenas St. adjacent to		
4	Mayor's office	10,000	20,000
5	Cleaning of drainage system at V. O.		
6	Lizama St. and construction of lined		
7	V-shape swale	5,000	10,000
8	Construction of drainage system to alleviate		
9	stagnant storm run-off restricting traffic flow		
10	through Rt. 17-Cross Island Rd.	2,000	5,000
11	Installation of soil stabilization measures due to land		
12	slides and installation of storm drain at Bishop Apuron		
13	and Bishop St. along Rt. 17	2,500	5,000

14 Section 14. One Hundred Five Thousand Dollars (\$105,000) are appropriated
 15 to the Department for the village of Sinajana in the following amounts for the
 16 following projects:

17	PROJECT	CONSTRUCTION
18	<u>LOCATION</u>	<u>COST</u>
19	Eleviate and widen existing coral road	90,000
20	Retaining wall	15,000

21 Section 15. One Hundred Ninety Three Thousand Five Hundred Dollars
 22 (\$193,500) are appropriated to the Department for the village of Talosofa in the
 23 following amounts for the following projects:

24	PROJECT	LAND	SURVEY	DESIGN
25	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVENCE</u>	<u>COST</u>
26	Francisco Siguenza, Mariano Blas			
27	St. (flooding)	15,000	7,500	10,000
28	Vicente Aguon, Mata St. (flooding)	15,000	3,000	7,500

1 Couga/San Vitores
 2 Construction of roadway of
 3 drainage near Perez Bros.
 4 Block Plant and Harmon
 5 laundry area 100,000 10,000 20,000

6 Section 17. Five Hundred Ten Thousand Dollars (\$510,000) are appropriated
 7 to the Department for the village of Umatac in the following amounts for the
 8 following projects:

REPRODUCED AT GOVERNMENT EXPENSE

1 Jose Rabago, As Ana St. (flooding) 20,000 7,500
 2 Rufo Lujan, As Ana St. (flooding) 30,000 5,000
 3 Flooding at Thomas Deverch 5,000 3,000

4 Section 16. One Million Seven Hundred Ninety Eight Thousand Dollars
 5 (\$1,798,000) are appropriated to the Department for the village of Tamuning-Tumon
 6 in the following amounts for the following projects:

7 PROJECT	8 LAND	9 SURVEY	10 DESIGN	11 COST
12 <u>LOCATION</u>	13 <u>COST</u>	14 <u>TOPO SERVICE</u>	15 <u>COST</u>	16 <u>COST</u>
17 Construction of storm				
18 drainage system near				
19 Harmon	150,000	10,000	60,000	
20 Construct roadway and				
21 drainage system along				
22 Marata St., Tumon	550,000	15,000	35,000	
23 Construction of drainage				
24 system from San Vitores				
25 intersection to Australian				
26 Cable with Rt. 1 to GTA	175,000	10,000	40,000	
27 Construction of storm				
28 drainage system at Gov.				
29 Carlos Camacho Rd. from				
30 GMH to Jonestown low				
31 spot	150,000	10,000	60,000	
32 Construction of percolation				
33 trench or pits near Hafa Adai				
34 Theaters 2 & 3			3,000	
35 Extension of San Vitores storm				

1	Casimiru St.	3,000	2,500
2	Chalan Katot	1,500	2,500

3 Section 19. Five Hundred Twenty Four Thousand Five Hundred Dollars
4 (\$524,500) are appropriated to the Department for the village of Yona in the
5 following amounts for the following projects:

6	PROJECT	LAND	SURVEY	DESCRIPT
7	<u>LOCATION</u>	<u>COST</u>	<u>TOPO SERVICE</u>	<u>COST</u>
8	Antonio Q. Quinene, Pulantat	7,500	5,000	15,000
9	Frank Balajadia, Balajadia Rd.	5,000	2,000	2,500
10	Pedro P. Balajadia, Balajadia Rd.	5,000	2,000	2,500
11	Bill Balajadia, Balajadia Rd.	5,000	2,000	2,500
12	Vicente Pangelinan, Pulantat	20,000	7,500	15,000
13	Antonio Camacho, Pulantat	1,000	1,000	2,500
14	Rose Salas, Manengon area	10,000	3,500	7,500
15	Enrique M. Santos,			
16	Manengon area	15,000	3,500	7,500
17	Francisco Iwatsu,			
18	Manengon area	150,000	25,000	200,000

19 Section 20. The village Mayors shall coordinate the implementation of
20 these projects with the appropriate government agencies herein mentioned.

21 Section 21. The Department of Land Management is directed to coordinate
22 planning with the Department of Public Works to identify homes which are located
23 in flood areas, especially those flood areas caused or exacerbated by the construction
24 and undertaken on behalf of the government, and to locate suitable alternate sites
25 on government land which may be utilized, if it is later determined to be desirable
26 to do so by the Legislature after submission of supporting documents by the
27 governor, for land exchanges with the owners of these homes. A list of potential
28 land exchanges may be submitted to the Legislature at the discretion of the

1 Governor.

2 Section 22. The Department of Land Management and the Department of
3 Public Works shall locate suitable areas for ponding basins to eliminate excessive
4 water build up, either on government or private land, and shall make contact to
5 negotiate the willingness of acquisition of land for ponding basins. A list of potential
6 ponding basin areas may be submitted to the Legislature at the discretion of the
7 Governor.

**TWENTIETH GUAM LEGISLATURE
COMMITTEE ON WAYS & MEANS
PUBLIC HEARING TESTIMONY SIGN-IN ROSTER**

Bill No. 1016

AN ACT TO APPROPRIATE FUNDS FROM THE GENERAL FUND TO THE DEPARTMENT OF PUBLIC WORKS FOR THE PURPOSE OF ADDRESSING THE FLOODING DAMAGES RESULTING FROM TROPICAL STORM COLLEEN.

NAME OF WITNESS <small>(Please print clearly)</small>	REPRESENTING	STATEMENT <small>(W or O)</small>	TESTIMONY <small>(check one)</small> FOR AGAINST	
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<u>Frank M. Botunacho</u>	<u>Agaña Hla Mayor</u>	<u>✓</u>	<u>✓</u>	<u> </u>
<u>J. S. Su Weck</u>	<u>Chelap. - gr. dist</u>	<u>✓</u>	<u>✓</u>	<u> </u>
<u>J. P. Hazard</u>	<u>Piti</u>	<u> </u>	<u> </u>	<u> </u>
<u>GREG M. BORSA</u>	<u>SANTA RITA</u>	<u>✓</u>	<u> </u>	<u> </u>
<u>Robert S. Chuquata</u>	<u>AGANA</u>	<u>✓</u>	<u>✓</u>	<u> </u>
<u>Paul A. Pina</u>	<u>Medeto</u>	<u> </u>	<u>✓</u>	<u> </u>
<u>J. G. B. B. B. H. A.</u>	<u>A. H. +</u>	<u> </u>	<u>✓</u>	<u> </u>
<u>J. H. G. H. H. H. H. H.</u>	<u>B. H. +</u>	<u> </u>	<u>✓</u>	<u> </u>
<u>W. RICE</u>	<u>SECF</u>	<u> </u>	<u>✓</u>	<u> </u>
<u>John P. Plos</u>	<u>YIGO</u>	<u> </u>	<u>✓</u>	<u> </u>
<u>F. N. LIZAMA</u>	<u>SINAJANA</u>	<u>W</u>	<u> </u>	<u> </u>
<u>D. E. SAOLAN</u>	<u>SINAJANA</u>	<u>W</u>	<u> </u>	<u> </u>
<u>J. H. G. H. H. H. H.</u>	<u>San Juan</u>	<u>O</u>	<u> </u>	<u> </u>
<u>NONIJO C. BIAS</u>	<u>MAHAIJAN</u>	<u> </u>	<u> </u>	<u> </u>
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