



The Honorable
LOURDES A. LEON GUERRERO
Maga'Håga · Governor

The Honorable
JOSHUA F. TENORIO
Sigundo Maga' Låhi · Lieutenant Governor


public works
DIPATTAMENTON CHE'CHO' PUPBLEKO
VINCENT P. ARRIOLA
Director
JESSE G. GARCIA
Deputy Director

29 AUG 2019

Mr. Tyrone J. Taitano
Director

Bureau of Statistics & Plans
PO Box 2950
Hagatna, Guam 96932

RECEIVED 19-1362
AUG 29 2019

**BUREAU OF
STATISTICS AND PLANS**

Attn: Administrator, Guam Coastal Management Program

**Subject: Guam Coastal Management Program Consistency Determination
Route 1 Resurfacing from Route 30 to Route 10A Intersection Project
Project No. GU-THS-0001(133)**

Dear Mr. Taitano:

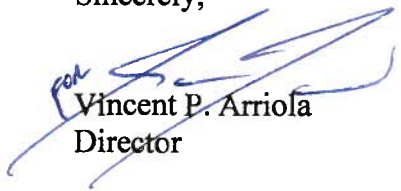
The U.S. Federal Highway Administration (FHWA) and the Government of Guam Department of Public Works (DPW) propose to resurface starting at Route 1 (Marine Corps Drive) from its intersection with Route 30 (Tamuning, Carlos Camacho Road) to its intersection with Route 10A (Tamuning, Airport Road).

We have enclosed for your review a draft CZM Program Assessment for the subject project pursuant to Coastal Zone Management Act, Section 307(d)(16 USC § 1456) and 15 CFR part 930, subpart D. The Project would receive federal funding from the U.S. Department of Transportation, Federal Highway Administration authorized Moving Ahead for Progress in the 21st Century Act (MAP-21).

The subject project will comply with the enforceable policies of the Government of Guam's approved management program and will be conducted in a manner consistent with such programs.

If you have any questions or require additional information, please contact Dr. Masoud Teimoury (Ph.D, P.E.) at 649-3128 or Lynn Cruz (Linda.Cruz@wsp.com) at 922-6880.

Sincerely,


Vincent P. Arriola
Director

Encl.

✓ 8/28/19

GUAM COASTAL MANAGEMENT PROGRAM ASSESSMENT FORMAT

DATE OF APPLICATION: 29 AUG 2019

NAME OF APPLICANT: Department of Public Works, Government of Guam

ADDRESS: 542 North Marine Corps Dr., Tamuning, Guam 96913

TELEPHONE NUMBER: (671) 646-3131

FAX NUMBER: (671) 649-6178

E-MAIL ADDRESS: _____

TITLE OF PROPOSED PROJECT: Route 1 Resurfacing from Route 30 to Route 10A Intersection (GU-THS-0001 (133), [Federal Catalog No. 20.205]

COMPLETE FOLLOWING PAGES

FOR BUREAU OF STATISTICS AND PLANS ONLY:

DATE APPLICATION RECEIVED: _____

ORCM NOTIFIED: _____ LIC. AGENCY NOTIFIED: _____

APPLICANT NOTIFIED: _____ PUBLIC NOTICE GIVEN: _____

OTHER AGENCY REVIEW REQUESTED: _____

DETERMINATION:

☐ CONSISTENT ☐ NON-CONSISTENT ☐ FURTHER INFORMATION REQUESTED

ORCM NOTIFIED: LIC. AGENCY NOTIFIED:

APPLICANT NOTIFIED:

ACTION LOG: 1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

DATE REVIEW COMPLETED: _____

Project Description

The Asphalt concrete (AC) surface within the action area is aging and in need of repair.

The Government of Guam, Department of Public Works (DPW), in association with the Federal Highway Administration, proposes to repair the existing pavement of Route 1 from its intersection with Route 8 in Hagatna to its intersection with Route 10A in Tamuning (approximately 3 miles) (Attachment 1). The proposed work will begin at Route 1/Route 8 intersection in Hagatna to Route 1/Route 30 intersection and perform repair and adjustment of damaged or failed manholes and drainage inlets, pothole and utility road repairs, sign systems including its panel, posts and foundations will be repaired and/or be replaced. At the Route 30 intersection to approximately 0.10 miles past the Route 10A intersection the proposed work will involve a 1" to 2" depth mill and overlay with a few areas of full or partial depth pavement reconstruction. Other minor work consists of restriping, and curbs and sign systems will be repaired or replaced within the project action area footprint if required (Attachment 2).

The scope of this project entails repair of an active roadway to make a complete usable and safe facility. All highway improvements will be constructed within the operational right-of-way and will not impact coastal streams or waters. There will be no clearing of vegetation associated with this project.

GUAM COASTAL MANAGEMENT PROGRAM ASSESSMENT FORMAT

DEVELOPMENT POLICIES (DP):

DP1. Shore Area Development

- Intent:** To ensure environmental and aesthetic compatibility of shore area land uses.
- Policy:** Only those uses shall be located within the Seashore Reserve which:
- enhance, are compatible with or do not generally detract from the surrounding coastal area's aesthetic and environmental quality and beach accessibility; or
 - can demonstrate dependence on such a location and the lack of feasible alternative sites.
- Discussion:** Not Applicable. The project location is not within the seashore reserve. The action area for this project will be located within the existing rights-of-way.

DP2. Urban Development

- Intent:** To cluster high impact uses such that coherent community design, function, infrastructure support and environmental compatibility are assured.
- Policy:** Commercial, multi-family, industrial and resort-hotel zone uses and uses requiring high levels of support facilities shall be concentrated within urban districts as outlined on the Guam Zoning Code.

Discussion: Not applicable. The proposed project involves the resurfacing of 3 miles of active roadway within existing operational right-of-way and will not constitute new urban development or undermine efforts to encourage this policy.

DP3. Rural Development

Intent: To provide a development pattern compatible with environmental and infrastructure support suitability and which can permit traditional lifestyle patterns to continue to the extent practicable.

Policy: Rural districts shall be designated in which only low-density residential and agricultural uses will be acceptable. Minimum lot size for these uses should be one-half acre until adequate infrastructure including functional sewerage is provided.

Discussion: Not Applicable. The proposed project involves the resurfacing of 3 miles of active roadway within existing operational right-of-way in urban and rural areas and will not affect development patterns or lifestyles.

DP4. Major Facility Siting

Intent: To include the national interest in analyzing the siting proposals for major utilities, fuel and transport facilities.

Policy: In evaluating the consistency of proposed major facilities with the goals, policies, and standards of the Comprehensive Development and Coastal Management Plans, Guam shall recognize the national interest in the siting of such facilities, including those associated with electric power production and transmission, petroleum refining and transmission, port and air installations, solid waste disposal, sewage treatment, and major reservoir sites.

Discussion: Not Applicable. The proposed project is not a new major facility siting effort. The proposed project involves the resurfacing of 3 miles of active roadway within existing operational right-of-way.

DP5. Hazardous Areas

Intent: Development in hazardous areas will be governed by the degree of hazard and the land use regulations.

Policy: Identified hazardous lands, including flood plains, erosion-prone areas, air installations' crash and sound zones and major fault lines shall be developed only to the extent that such development does not pose unreasonable risks to the health, safety or welfare of the people of Guam, and complies with the land use regulations.

Discussion: Not Applicable. The project does not include new structures which would require compliance with the flood hazard regulation or pose unknown risks to the health, safety and welfare of the public. According to FEMA's flood map, the project location is designated as Zone X, which indicates areas outside the base floodplain area of minimal flood hazard.

DP6. Housing

- Intent:** To promote efficient community design placed where the resources can support it.
- Policy:** The government shall encourage efficient design of residential areas, restrict such development in areas highly susceptible to natural and man-made hazards, and recognize the limitations of the island's resources to support historical patterns of residential development.
- Discussion:** Not Applicable. The project does not include a housing component and will not negatively impact the implementation of policies to promote efficient community design.

DP7. Transportation

- Intent:** To provide transportation systems while protecting potentially impacted resources.
- Policy:** Guam shall develop an efficient and safe transportation system, while limiting adverse environmental impacts on primary aquifers, beaches, estuaries and other coastal resources.
- Discussion:** Not Applicable. No new transportation element is being proposed. The project will be the resurfacing of 3 miles of active roadway.

DP8. Erosion and Siltation

- Intent:** To control development where erosion and siltation damage is likely to occur.
- Policy:** Development shall be limited in areas of 15% or greater slope by requiring strict compliance with erosion, sedimentation, and land use districting guidelines, as well as other related land use standards for such areas.
- Discussion:** Temporary and minor earthwork will occur for this project where pavement rehabilitation will be completed. No clearing of vegetation will be required. The contractor will be required to employ best management practices (BMPs) to prevent sedimentation and any other construction-related pollutants from being discharged.

RESOURCE POLICIES (RP)

RP1. Air Quality

- Intent:** To control activities to insure good air quality.
- Policy:** All activities and uses shall comply with all local air pollution regulations and all appropriate Federal air quality standards in order to ensure the maintenance of Guam's relatively high air quality.

Discussion: Not Applicable. The project will not generate significant air pollutant emissions; the emissions will be temporary and will not be expected to generate any effects outside of project footprint. Any emissions generated from the proposed project will be minimal and temporary and would not contribute to or affect the local or regional attainment status with the National Ambient Air Quality Standards (NAAQS). The proposed project will not have any significant effects on air quality.

R2. Water Quality

Intent: To control activities that may degrade Guam's drinking, recreational, and ecologically sensitive waters.

Policy: Safe drinking water shall be assured and aquatic recreation sites shall be protected through the regulation of uses and discharges that pose a pollution threat to Guam's waters, particularly in estuarine, reef and aquifer areas.

Discussion: Not Applicable. The proposed project location is not located near surface waters.

RP3. Fragile Areas

Intent: To protect significant cultural areas, and natural marine and terrestrial wildlife and plant habitats.

Policy: Development in the following types of fragile areas shall be regulated to protect their unique character.

- historical and archaeological sites
- wildlife habitats
- pristine marine and terrestrial communities
- limestone forests
- ravine forests
- mangrove stands and other wetlands
- coral reefs

Discussion: Not Applicable. The proposed project footprint will resurface an existing active roadway that is not within the fragile areas identified above. The construction areas will be limited to existing Operational rights-of-way.

A determination of "no potential to effect" is documented in the NEPA document pursuant to 36 Code of Federal Regulation, Part 800 Subpart B the Section 106 Process.

RP4. Living Marine Resources

Intent: To protect marine resources in Guam's waters.

Policy: All living resources within the territorial waters of Guam, particularly corals and fish, shall be protected from overharvesting and, in the case of marine mammals, from any taking whatsoever.

Discussion: Not Applicable. The proposed project locations will occur within operational rights-of-way of Route 1 and its intersections from Route 30 and Route 10A and will not impact the territorial waters of Guam.

RP5. Visual Quality

Intent: To protect the quality of Guam's natural scenic beauty.

Policy: Preservation and enhancement of, and respect for the island's scenic resources shall be encouraged through increased enforcement of and compliance with sign, litter, zoning, subdivision, building and related land-use laws. Visually objectionable uses shall be located to the maximum extent practicable so as not to degrade significant views from scenic overlooks, highways and trails.

Discussion: Not Applicable. Because the project involves the resurfacing of 3 miles of active roadway, it will not introduce new visual obstructions.

RP6. Recreational Areas

Intent: To encourage environmentally compatible development.

Policy: The Government of Guam shall encourage development of varied types of recreational facilities located and maintained so as to be compatible with the surrounding environment and land uses, adequately serve community centers and urban areas and protect beaches and such passive recreational areas as wildlife and marine conservation areas, scenic overlooks, parks and historical sites.

Discussion: Not Applicable. The project location will not impact any recreational areas

RP7. Public Access

Intent: To ensure the right of public access.

Policy: The public's right of unrestricted access shall be ensured to all non-federally owned beach areas and all Guam recreation areas, parks, scenic overlooks, designated conservation areas and their public lands. Agreements shall be encouraged with the owners of private and federal property for the provision of releasable access to and use of resources of public nature located on such land.

Discussion: Not Applicable. Access to all adjacent land uses will be maintained during the project.

RP8. Agricultural Lands

Intent: To stop urban types of development on agricultural land.

Route 1 Resurfacing from Route 30 to Route 10A Intersection, GCMP Consistency Determination

Policy: Critical agricultural land shall be preserved and maintained for agricultural use.

Discussion: Not Applicable. There will be no impacts to agricultural lands from the project.

**FEDERAL CONSISTENCY
SUPPLEMENTAL INFORMATION FORM**

Date: August 27, 2019

Project/Activity Title or

Description: Resurfacing of Route 1 from Route 30 to Route 10A Intersection, Project No. GU-THS-0001
(133)

185090

Location: See Attachments 1 & 2

Other applicable area(s) affected, if appropriate: None

Est. Start Date: February 01, 2019

Est. Duration: Ten (10) Months

APPLICANT

Name & Title: Vincent P. Arriola, Director

Agency/Organization: Department of Public Works, Government of Guam

Address/Zip Code: 542 North Marine Corps Drive, Tamuning, Guam 96910

Telephone during business hours: (671) 646-3131

Facsimile: (671) 649-6178

E-Mail Address: Vince.arriola@dpw.guam.gov

AGENT

Name & Title: Linda R Cruz/ Environmental Lead

Agency/Organization: WSP USA INC

Address/Zip Code: 590 South Marine Corps Drive, Ste 421 Tamuning, GU 96913

Telephone during business hours: 922-6880

Facsimile: _____

E-Mail Address: Linda.Cruz@wsp.com

542 North Marine Corps Drive, Tamuning, Guam 96913, Tel (671) 646-3131, Fax (671) 649-6178

CATEGORY OF APPLICATION (check one only)

- () I. Federal Activity
(X) II. Permit or License
() III. Grants & Assistance

TYPE OF STATEMENT (check one only)

- (X) Consistency
() General Consistency (Category I only)
() Negative Determination (Category I only)
() Non-consistency (Category I only)

APPROVING FEDERAL AGENCY (Categories II and III only)

Agency: U.S. Dept. of Transportation, Federal Highway Administration

Contact Person: Richelle Takara

Telephone during business hours: (808) 541-2700 (ext. 311)

E-mail: Richelle.Takara@fhwa.dot.gov

FEDERAL AUTHORITY FOR ACTIVITY

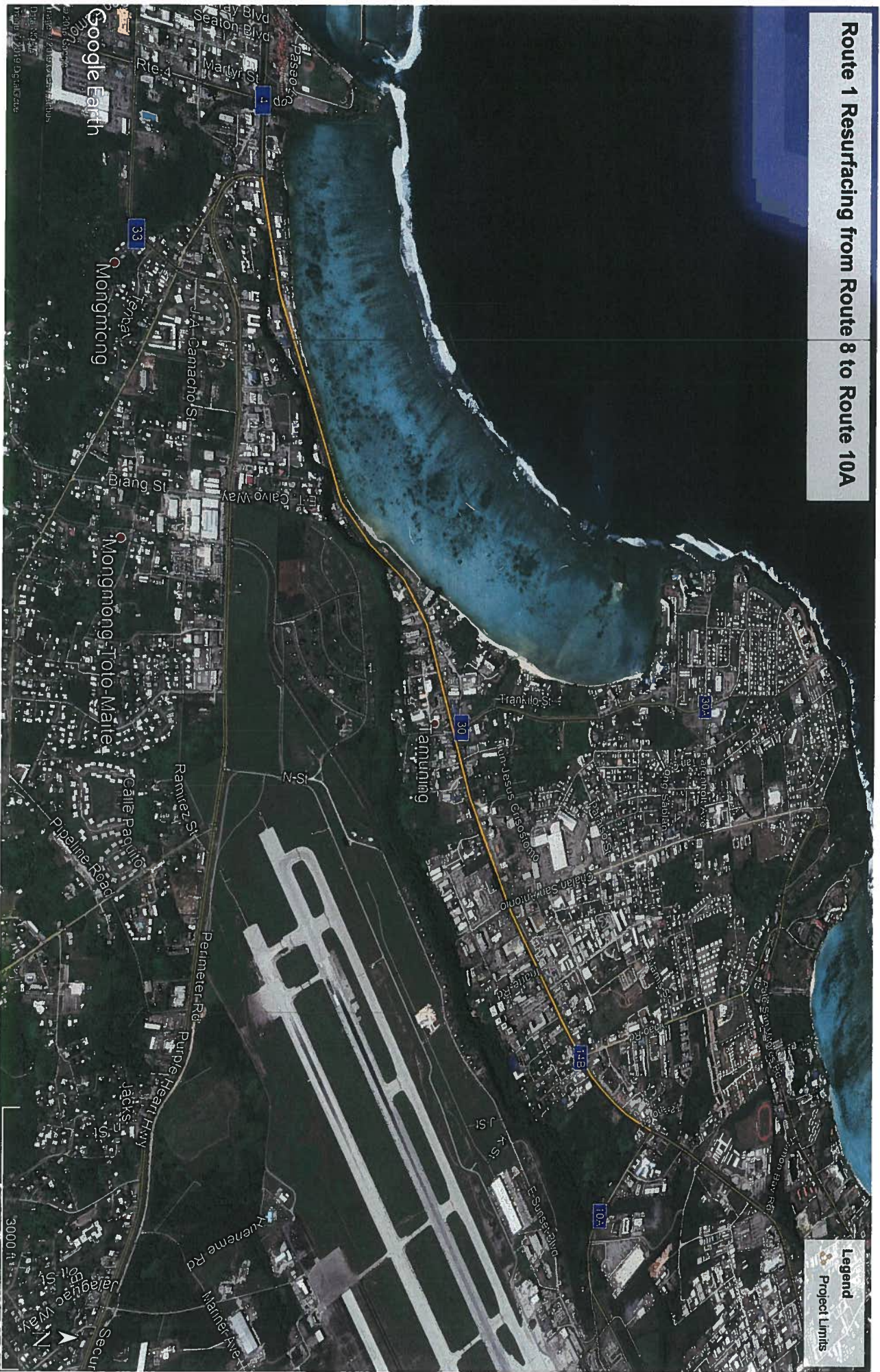
Title of Law: Safe Accountable Flexible Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)

Section: _____

OTHER GUAM APPROVALS REQUIRED

<u>Agency</u>	<u>Type Of Approval</u>	<u>Date of Application</u>	<u>Status</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Route 1 Resurfacing from Route 8 to Route 10A



MATCHLINE - SHEET 1

DRAWING REVISIONS	
NO.	DESCRIPTION

DATE	BY	DESCRIPTION



Guam Transportation Trust Center
969 South Marine Corps Dr. Suite 401
Agaña, GUAM 96910
671-734-8877 Fax
671-734-8877 Tel

ROUTE 1 RESURFACING
FROM ROUTE 8 TO ROUTE 10A
ACTION AREA

GUAM DEPARTMENT OF PUBLIC WORKS			
VALUE	TERMINATION	PROJECT	DATE



LEGEND

- ACTION AREA
- RIGHT OF WAY



MATCHLINE - SHEET 3

MATCHLINE - SHEET 3



MATCHLINE - SHEET 5

LEGEND

— ACTION AREA
--- RIGHT OF WAY



DRAWING REVISIONS		
NO.	DATE	DESCRIPTION
1	07/01/2019	ISSUED FOR PERMIT
2	07/01/2019	FOR CONSTRUCTION
3	07/01/2019	FOR CONSTRUCTION
4	07/01/2019	FOR CONSTRUCTION
5	07/01/2019	FOR CONSTRUCTION
6	07/01/2019	FOR CONSTRUCTION
7	07/01/2019	FOR CONSTRUCTION
8	07/01/2019	FOR CONSTRUCTION
9	07/01/2019	FOR CONSTRUCTION
10	07/01/2019	FOR CONSTRUCTION

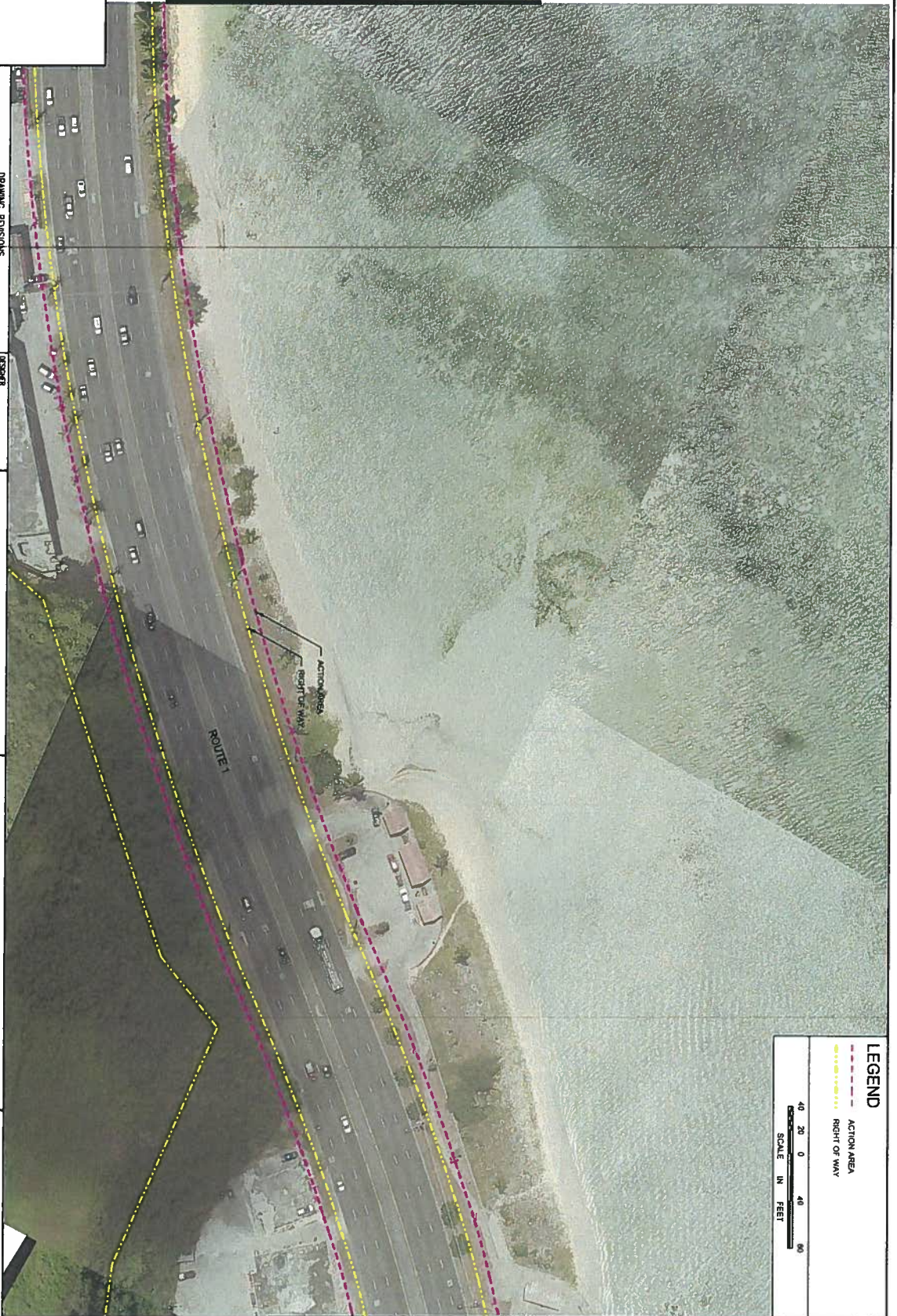


Guam International Trade Center
1000 South Hill Road, Suite 421
San Juan, PR 00907
Tel: 787-487-1234
Fax: 787-487-1235

**ROUTE 1 RESURFACING
FROM ROUTE 8 TO ROUTE 10A
ACTION AREA**

GUAM DEPARTMENT OF PUBLIC WORKS			
NAME	TITLE	PROJECT	DATE
AGANAN	TAMMING	GUAM	4
			14

MATCHLINE - SHEET 5



40	20	0	40	60
----	----	---	----	----

2

GUAM DEPARTMENT OF PUBLIC WORKS				
VALUE	TREASURY	PROJECT	Bidding NO.	TOTAL SPLITS
AGANA/ TAMUNING	GUAM		5	14

MATCHLINE - SHEET 6

DRAWING REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR PERMIT
2	REVISED TO ADD ROUTE 10A
3	REVISED TO ADD ROUTE 10A
4	REVISED TO ADD ROUTE 10A
5	REVISED TO ADD ROUTE 10A
6	REVISED TO ADD ROUTE 10A
7	REVISED TO ADD ROUTE 10A
8	REVISED TO ADD ROUTE 10A
9	REVISED TO ADD ROUTE 10A
10	REVISED TO ADD ROUTE 10A

DATE	BY
JULY 2019	



Guam Department of Public Works
 1000 John F. Kennedy Drive, Suite 401
 San Juan, Puerto Rico 00909
 Tel: (787) 487-1234
 Fax: (787) 487-1235

ROUTE 1 RESURFACING FROM ROUTE 8 TO ROUTE 10A ACTION AREA

GUAM	
DEPARTMENT OF PUBLIC WORKS	
AGENCY	PROJECT
GUAM	
DATE	NO.
JULY 2019	7
TOTAL	NO.
14	

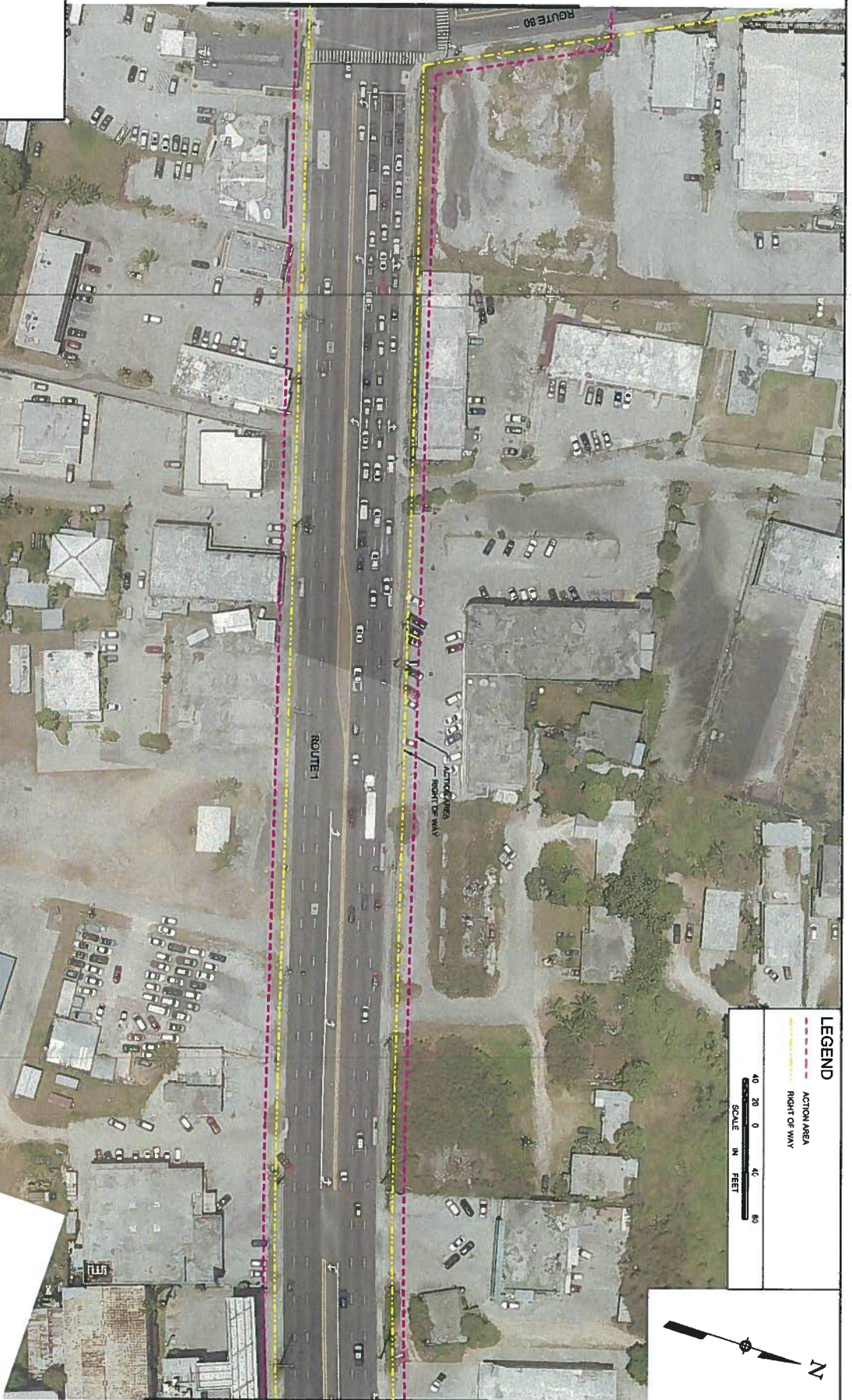
LEGEND

ACTION AREA
 RIGHT OF WAY



MATCHLINE - SHEET 8

MATCHLINE - SHEET 9



ACTION AREA
RIGHT OF WAY



DRAWING REVISIONS			REVISOR
REVISION	DATE	BY	DESCRIPTION
			INITIALS
			DATE
			JULY 2019



Global International Trade Center
560 South Alamo Canyon Dr. Suite 427
Torrance, CA 90505
408/215-8877
Fax: 408/215-8877

**ROUTE 1 RESURFACING
FROM ROUTE 8 TO ROUTE 10A
ACTION AREA**

GUAM DEPARTMENT OF PUBLIC WORKS				
BLUDGE	TERRITORY	PROJECT	ISSUED NO.	SHEET NO.
AGANU TAMUNING	GUAM		8	14

MATCHLINE - SHEET 8

DRAWING REVISIONS		
REVISION	DATE	BY

DESIGNER	
CHECKER	
DATE	JULY 2019



Guam International Trade Center
1000 John F. Kennedy Drive, Suite 401
San Juan, Puerto Rico 00901
(787) 488-0077

ROUTE 1 RESURFACING FROM ROUTE 8 TO ROUTE 10A ACTION AREA

GUAM DEPARTMENT OF PUBLIC WORKS			
AGENCY	TERMINUS	PROJECT	DATE
TAMUNING	GUAM		9
			14

LEGEND

- ACTION AREA
- RIGHT OF WAY



MATCHLINE - SHEET 10

MATCHLINE - SHEET 9

REVISION	DATE	BY	DESCRIPTION

DESIGNER	DATE
CHECKER	DATE
DATE	JULY 2019



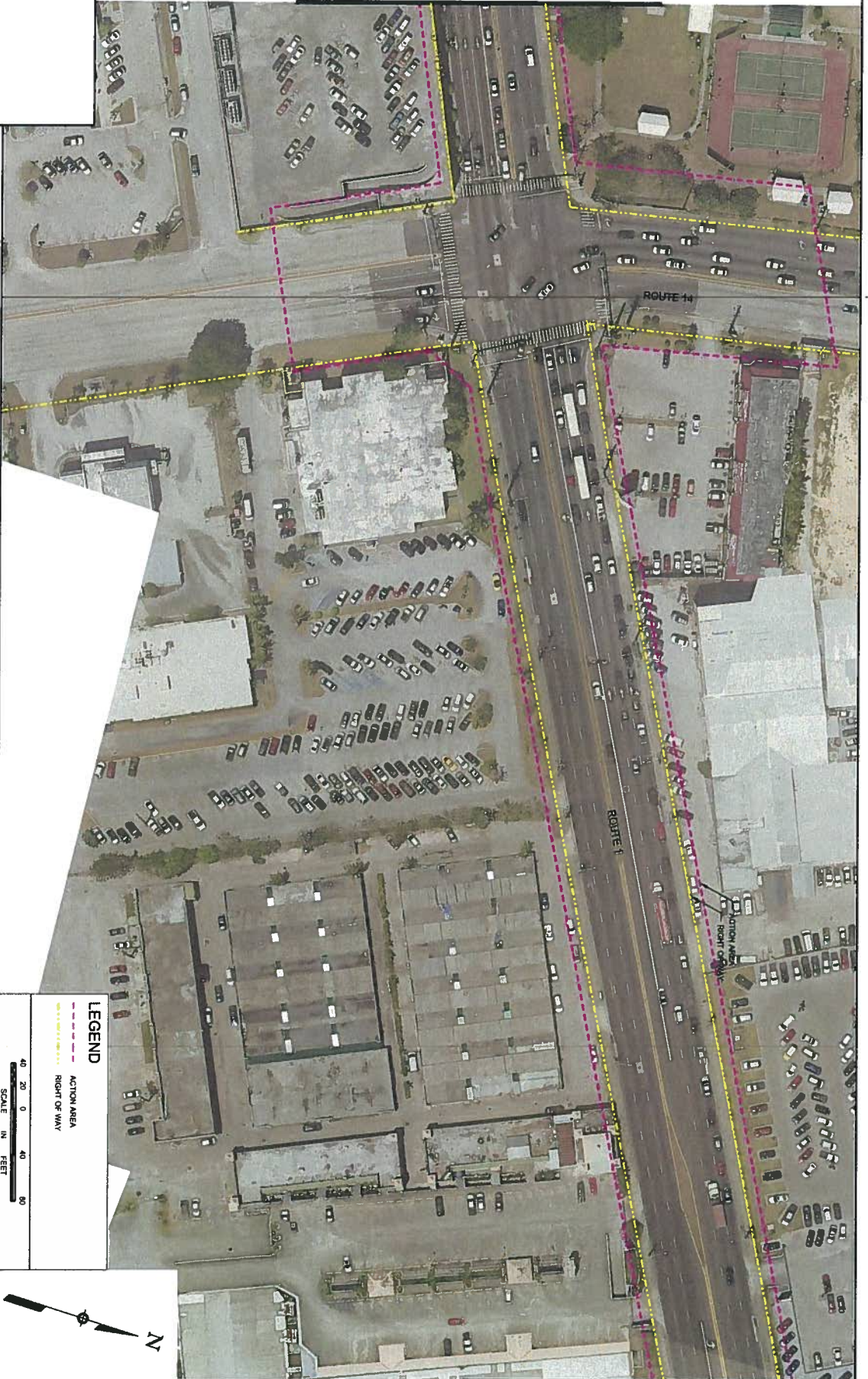
Guam Department of Public Works
 1000 Agaña Road, Suite 201
 Agaña, Guam 96910
 Tel: (671) 735-2774

ROUTE 1 RESURFACING FROM ROUTE 8 TO ROUTE 10A ACTION AREA

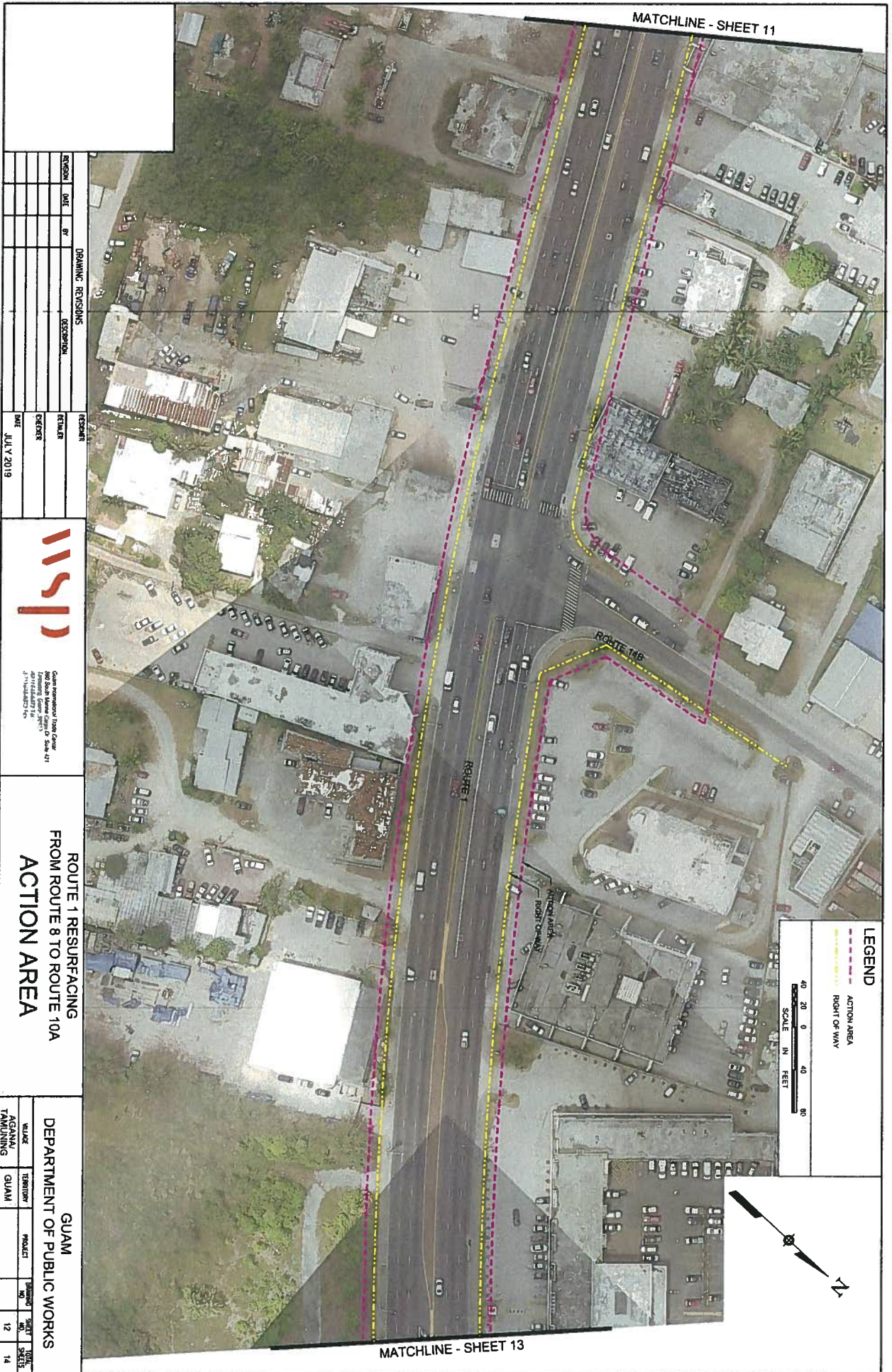
GUAM			
DEPARTMENT OF PUBLIC WORKS			
AGANA	PROJECT	NO.	10
TAMUNING	GUAM	NO.	14

LEGEND

- ACTION AREA
- RIGHT OF WAY



MATCHLINE - SHEET 11



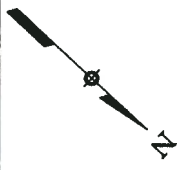
MATCHLINE - SHEET 11

MATCHLINE - SHEET 13

LEGEND

ACTION AREA
RIGHT OF WAY

40 20 0 40 80
SCALE IN FEET



DRAWING REVISIONS		
REVISION	DATE	BY

isp

Guam International Trade Center
1000 West Capitol Drive, Suite 421
San Juan, Puerto Rico 00901
Tel: 787-487-1400
Fax: 787-487-1401

**ROUTE 1 RESURFACING
FROM ROUTE 8 TO ROUTE 10A
ACTION AREA**

GUAM DEPARTMENT OF PUBLIC WORKS			
AGENCY	PROJECT	DATE	SCALE
TAMING	GUAM	NO.	12
			14

