MS4 Self-Assessment

Structural Control Assessment

Module 14

Name of the Permittee: City of San Antonio	MS4 Permit Number: WQ0004284000
Assessment Period:	

Permittee Instructions: Please complete the worksheet below. Please note that upon opening this Module, some content may be disabled such as the capacity to check inside the "boxes." The content can usually be activated by pressing "Enable Content" which will appear below the Toolbar in "MS Office."

ATTACHMENTS REQUESTED	Document attached
1. Attach an organizational chart.	☑ YES ☐ NO
2. Attach photos of three different structural controls maintained within the reporting period, by the permittee.	☑ YES ☐ NO

STRUCTURAL CONTROLS **Control Measure to reduce pollutants *(including floatables)* from runoff from commercial and residential areas.**	
1. In accordance with 40 CFR § 122.26 [Phase I], has the permittee developed a *Storm Water Management Program (SWMP),* that describes how the **Structural Control** Measure will be implemented?	☑ YES ☐ NO
2. What pollutants of concern are targeted for reduction through the implementation of the **Structural Controls** program?	
Response Floatable Debris	
ORGANIZATIONAL STRUCTURE	
1. Is there a storm water team in place to ensure that the **Structural Controls** program is properly implemented?	☑ YES ☐ NO
2. Describe the organizational structure and staff responsibilities necessary to implement the **Structural Control** program. Include the name, title, contact information, department name and key responsibilities of each team member.	
Response Francisco Newberry 210-207-6597 Manages the City of San Antonio Debris Removal and Water Conveyance Maintenance Program Transportation and Capital Improvements Department of the City of San Antonio 114 W. Commerce 6th Floor San Antonio, Texas 78205	
3. What co-permittee or interagency departments will participate in the implementation of the **Structural Control** program?	
Response See Texas Department of Transportation Program	
4. Describe any formal agreements and key areas of responsibility shared by the permittee, co-permittee(s) and/or interagency departments in the implementation of the **Structural Control** program.	
Response MS4 Permit	

2. If yes, describe the applicable training, certification or licensing and the required frequency for each.	
Response CDL Licenses to operate equipment necessary to remove debris	
3. Is there a system in place to notify staff when required training is due, and does it document the training completion dates?	☑ YES ☐ NO
SECTION III: INSPECTIONS	
1. Has the permittee identified the location of all structural controls both temporary and permanent within its jurisdiction?	☐ YES ☑ NO
2. How many permanent structural controls are installed to prevent pollutants from discharging into the MS4?	
Response	
3. How many temporary structural controls are installed to prevent pollutants from discharging into the MS4?	
Response	
4. Describe the inspection schedule to determine that the mechanical integrity of these structural controls, both temporary and permanent, is working effectively in reducing erosion and pollutant discharges to the MS4.	
Response	
SECTION IV: RECORDS MANAGEMENT	
1. Does the permittee have a database in place to track the activities of the **Structural Control** program?	☑ YES ☐ NO
2. What information is tracked in the database for the **Structural Control** program?	
Response Manpower, equipment, and debris removed	
3. Who has access to this database?	
Response Superintendent, Manager and Supervisor	
4. Who is responsible for updating the database?	
Response Supervisor	
5. Does the permittee update its SWMP to reflect current change and progress made in the **Structural Control** program?	☑ YES ☐ NO
SECTION V: ASSESSMENT	
1. Does the permittee assess the effectiveness of the **Structural Control** program?	☑ YES ☐ NO
2. Based on the results of the effectiveness assessment, describe the positive results of the **Structural Control** program.	
Response By the increase of debris removed annually.	
3. Based on the results of the effectiveness assessment, what changes are proposed to enhance the **Structural Control** program?	
Response None at this time	
4. Does the permittee have adequate staff and equipment to implement the **Structural Control** program?	☑ YES ☐ NO
5. Does the permittee assess the **Structural Control** program to determine if it meets Measurable Goals and other indicators?	☑ YES ☐ NO
6. Does the permittee assess the **Structural Control** program's compliance with the permit requirements?	

5. Do program participants *(e.g., permittee, co-permittee(s), other departments)* meet to discuss the progress of the **Structural Control** program?	☑ YES ☐ NO
6. Describe the frequency of these meetings.	
Response Co-Permittee's meet annually	

LEGAL AUTHORITY

1. Does the permittee have legal authority to implement the **Structural Control** program?	☑ YES ☐ NO
2. What ordinances, codes, or policies provide this legal authority?	
Response: Section 34-703 Section 14-47 and in the City Ordinance	
3. Who *(e.g., specific staff, department, etc.)* has the authority to enforce this legal authority?	
Response: Transportation and Capital Improvement Storm Water Division	

FISCAL RESOURCES

SECTION I: MEASURABLE GOALS

1. What Measurable Goals were established to implement an effective **Structural Control** program? Include expected quantifiable results.

Measurable Goal 1	Number of Tons of Debris removed from the Channel System
Expected Quantifiable Results	n/a
Measurable Goal 2	Number of Tons removed from tunnel system
Expected Quantifiable Results	n/a
Measurable Goal 3	
Expected Quantifiable Results	
Measurable Goal 4	
Expected Quantifiable Results	

2. Are these Measurable Goals described in the SWMP?	☑ YES ☐ NO

	REPORTING PERIOD	NEXT REPORTING PERIOD
1. What is the budget for the implementation of the **Structural Control** program?	**Response** **1,314,248**	**Response** **1,314,248**

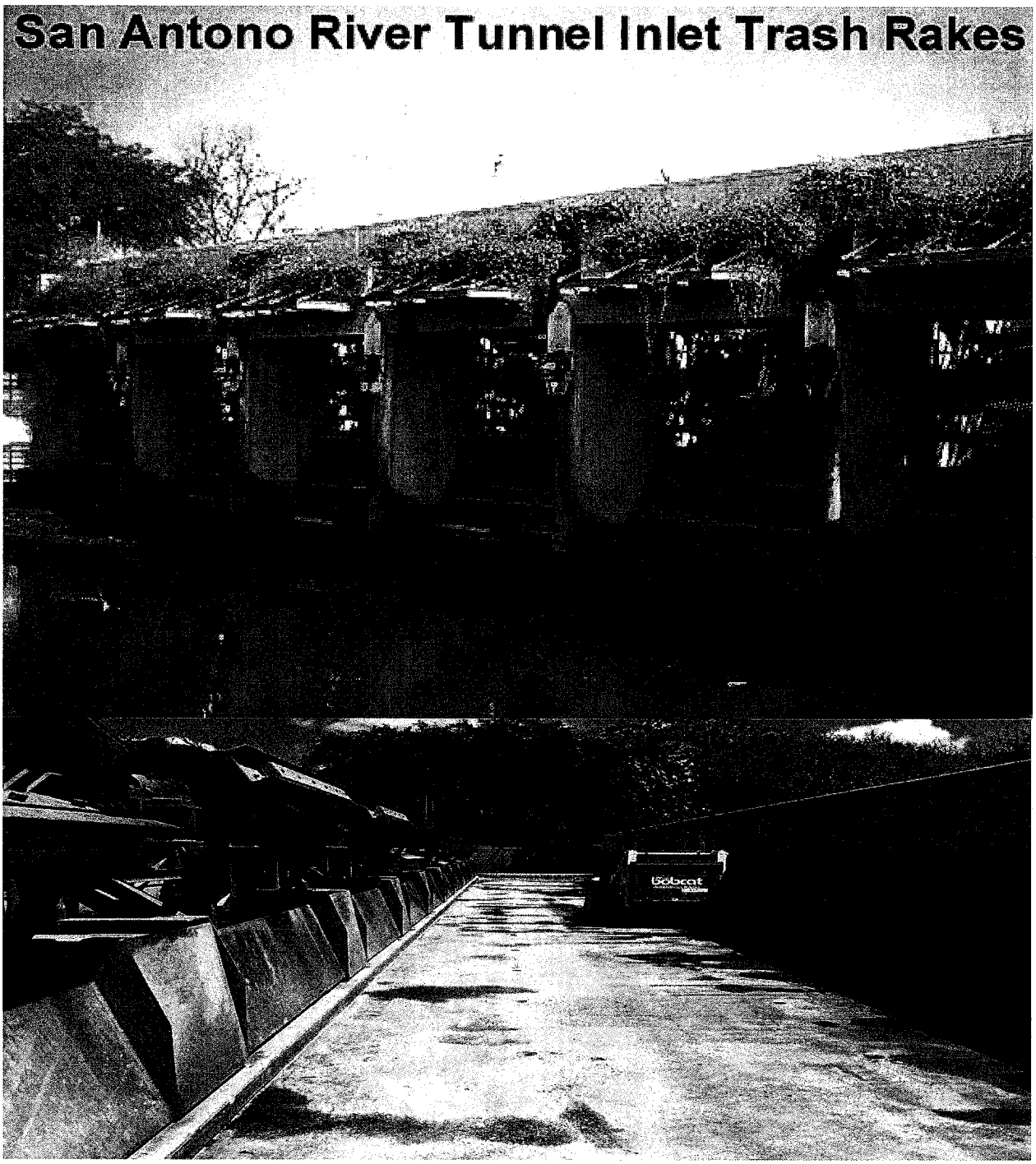
SECTION II: TRAINING/EDUCATION

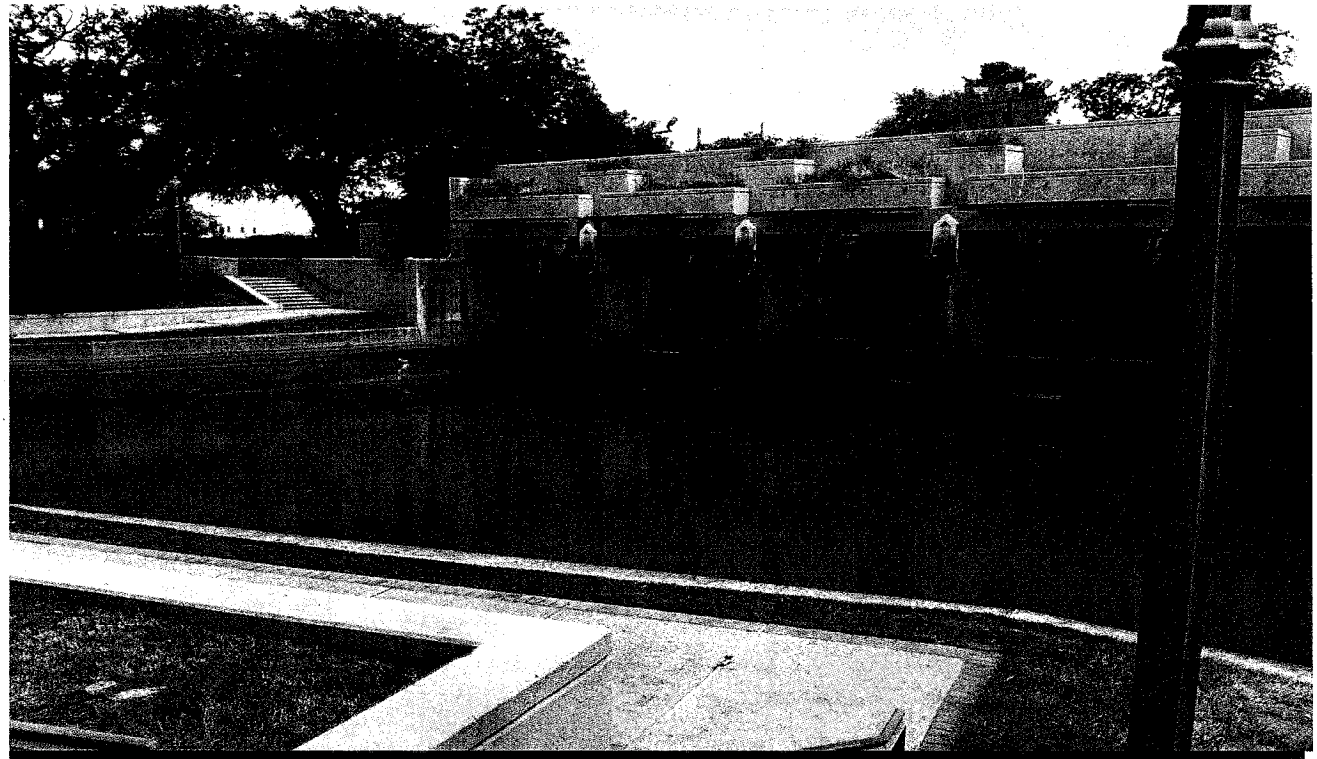
1. Does the permittee require staff *(storm water team, inspectors, and engineers)* to complete special, continuous, and or annual training or obtain certification or licensing to implement and manage the **Structural Control** program?	☑ YES ☐ NO

	☑ YES ☐ NO
7. Does the permittee generate an assessment report of the **Structural Control** program for its records?	☑ YES ☐ NO
8. What departments are involved in the **Structural Control** program assessment?	
Response Transportation and Capital Improvements-Storm Water Division	

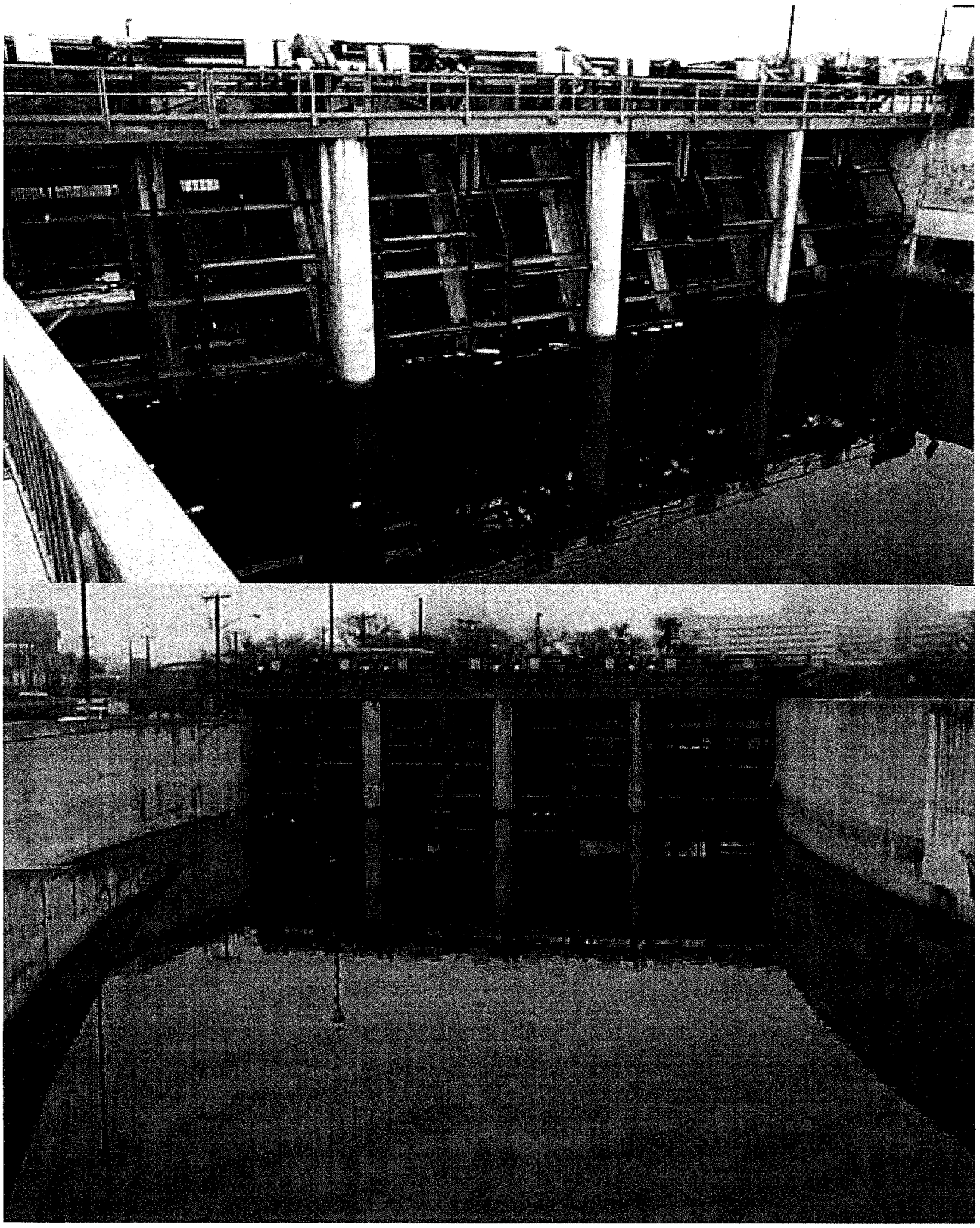
Completed by (Print Name): Arthur Reinhardt		
Signature:	**Date:** 7/28/15	
Job Title: TCI Assistant Director of Storm Water Division		
Department: Transportation and Improvements-Storm Water Division		
Address: 114 W. Commerce 6th Floor		
City: San Antonio	**State: Texas**	**Zip Code: 78205**
Phone: 210-207-7785	**Email: Arthur.Reinhardt@sanantonio.gov**	

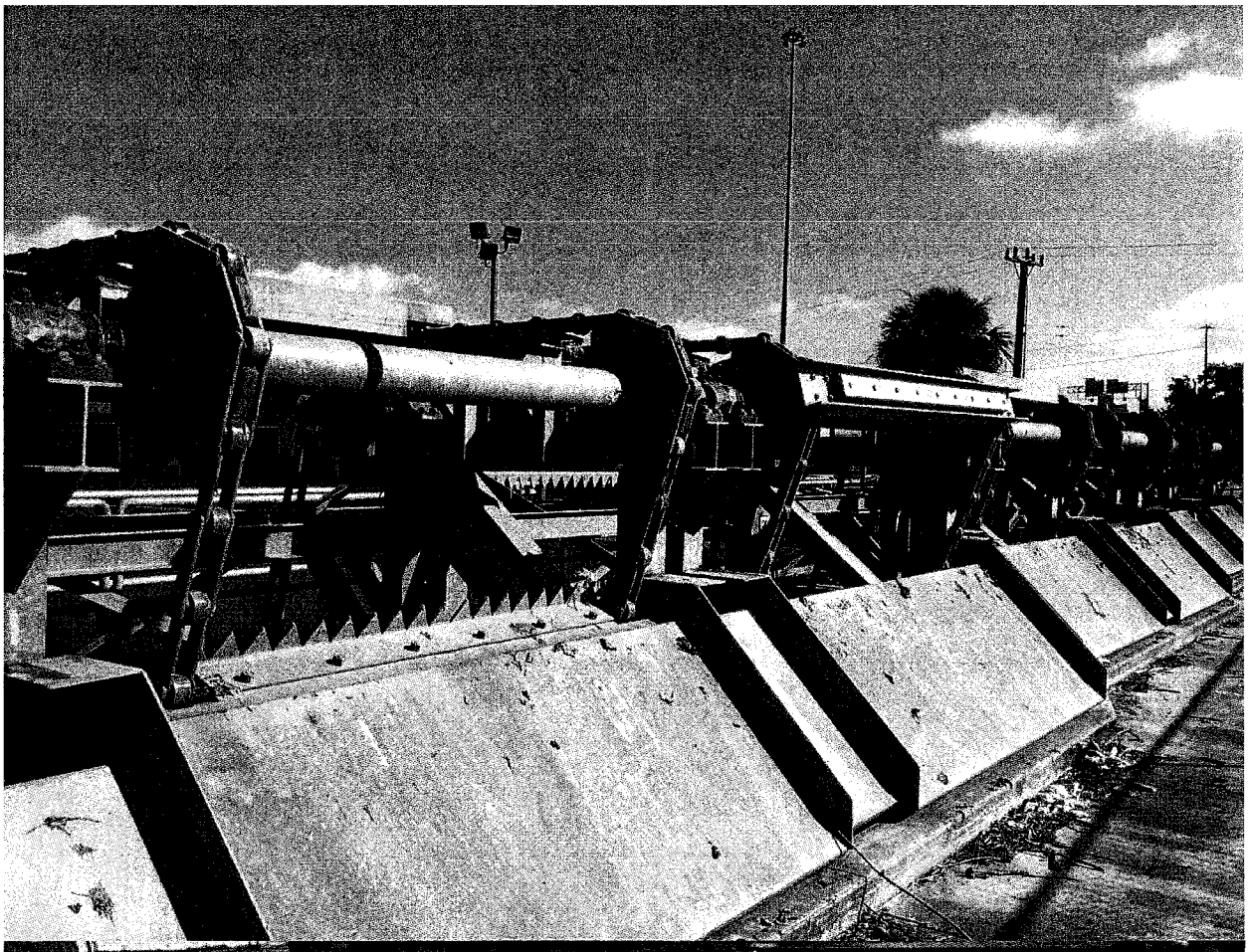
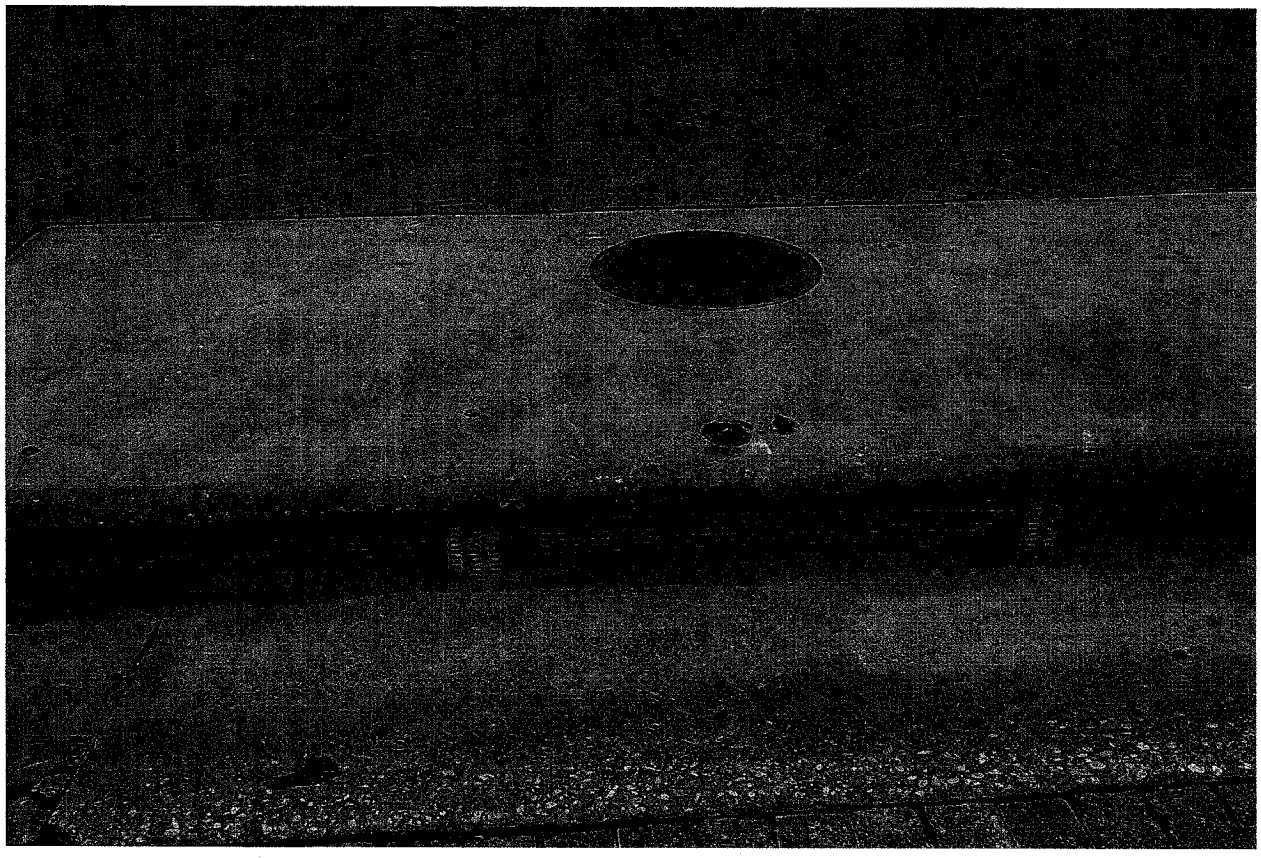
San Antono River Tunnel Inlet Trash Rakes





San Pedro Tunnel Trash Racks





Central Business District Inlet Protectors