

Litter Trap with Trash Boom Installation on Alazan Creek

April 19, 2016



City of San Antonio



Background

- Trash and Floatables
 - Require extensive labor effort by SARA staff or volunteers to remove by hand
 - Have adverse impacts on aquatic and riparian habitat
 - Impede recreational use of parks and waterways



City of San Antonio



Background

- 2015
 - 203,130 lbs.
 - 364 tires
- 2016 January-February
 - 8,767 lbs.



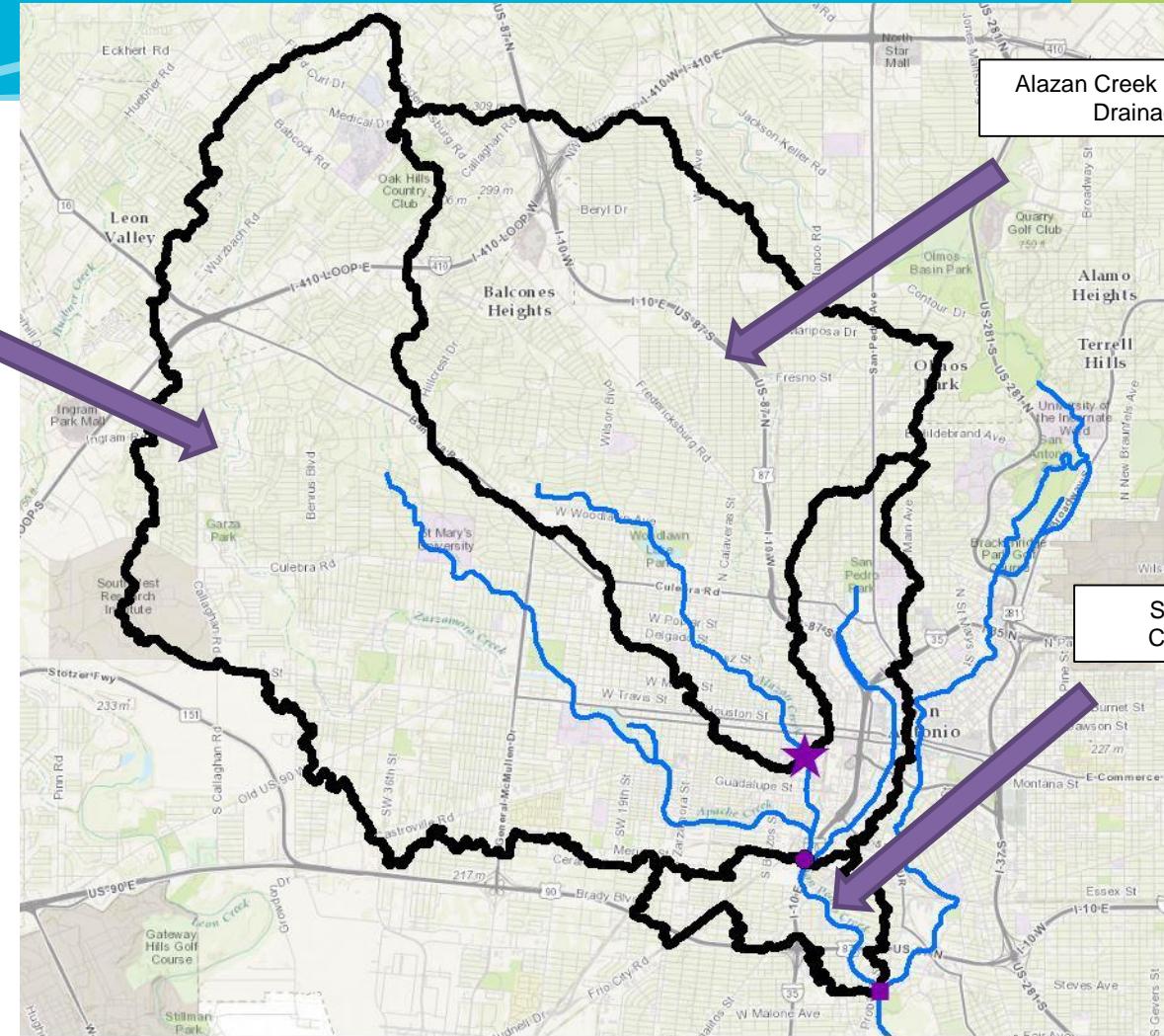
City of San Antonio



SAN ANTONIO
RIVER AUTHORITY
Leaders in Watershed Solutions



San Pedro Creek
Drainage Area



Alazan Creek @ Trash Boom
Drainage Area

San Antonio River @ SPC
Confluence Drainage Area



City of San Antonio



Project Scope

- Implement in-stream trash collection system.
- Trash collection system chosen: Litter Trap with Trash Boom



City of San Antonio

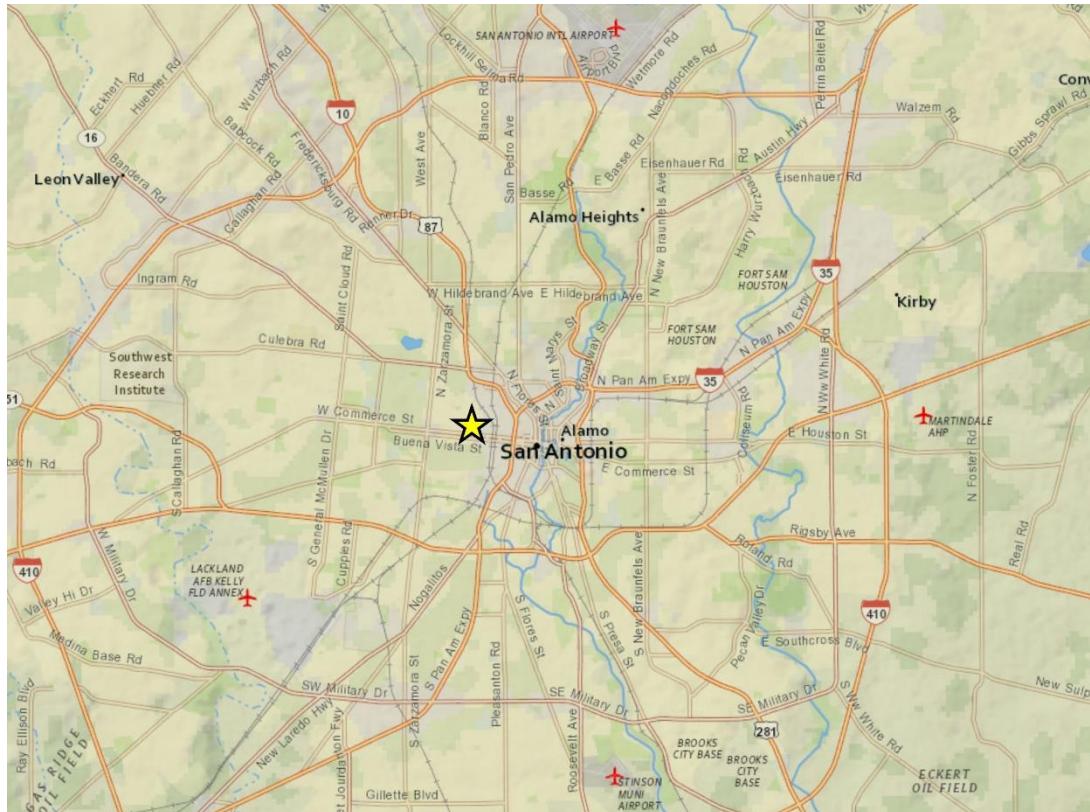


SAN ANTONIO
RIVER AUTHORITY
Leaders in Watershed Solutions



Project Location

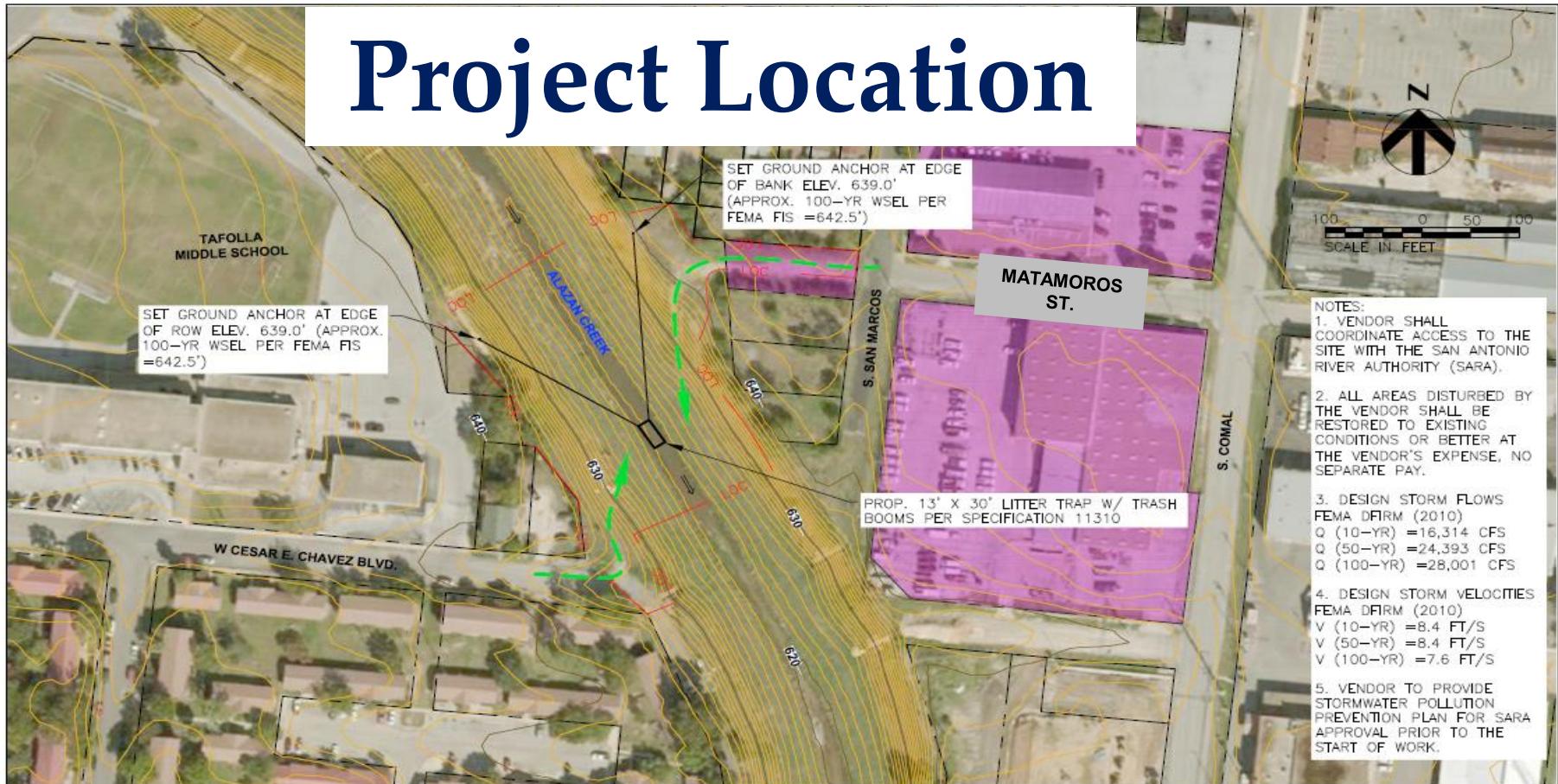
- Litter Trap with Trash Boom installation on Alazan Creek
- Upstream of El Paso and downstream of S. Colorado Street



City of San Antonio



Project Location



PROJECT TITLE: TRASH AND FLOATABLES
SHEET TITLE: ALAZAN CREEK
LITTER TRAP AND TRASH BOOM



PROJECT NUMBER: 000000000273190
PROJECT MANAGER: CRIS PARKER
DATE: 02/24/2016

REFERENCE SHEET: -
REFERENCE DOCUMENT: -
EXHIBIT NUMBER: 1 of 1



City of San Antonio



Project Location



Alazan Creek Looking Downstream



Alazan Creek Looking Upstream



City of San Antonio



Litter Trap with Trash Boom System



City of San Antonio



SAN ANTONIO
RIVER AUTHORITY
Leaders in Watershed Solutions



MALCOLM PIRNIE | ARCADIS
The Water Division of ARCADIS





Questions?



City of San Antonio





SAN ANTONIO
RIVER AUTHORITY

Leaders in Watershed Solutions

Litter Trap with Trash Boom Installation on Alazan Creek

April 19, 2016

INSPIRING ACTIONS FOR HEALTHY CREEKS & RIVERS

Background

- Trash and Floatables
 - Require extensive labor effort by SARA staff or volunteers to remove by hand
 - Have adverse impacts on aquatic and riparian habitat
 - Impede recreational use of parks and waterways

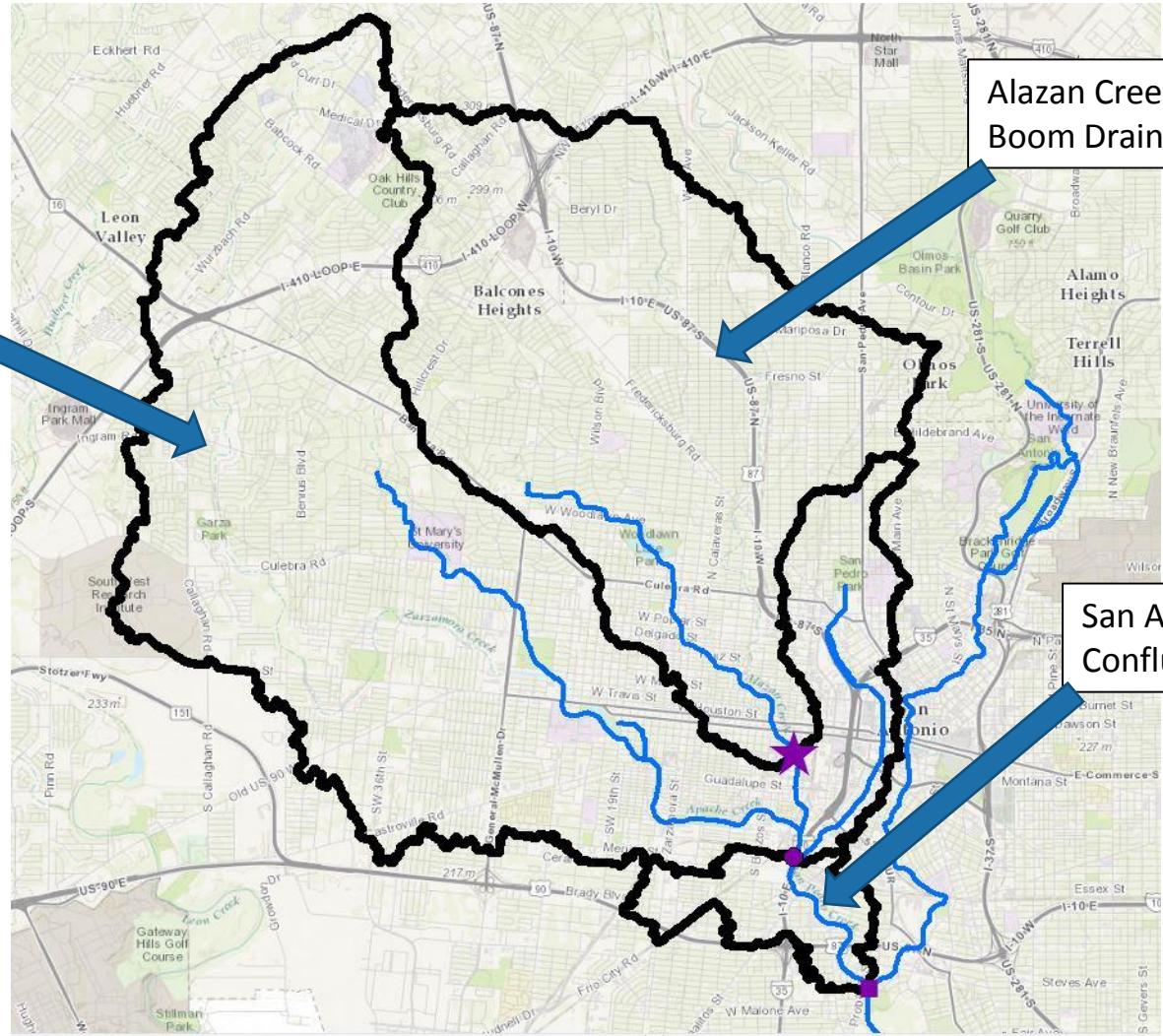


Background

- 2015
 - 203,130 lbs.
 - 364 tires
- 2016 January-February
 - 8,767 lbs.



**San Pedro Creek
Drainage Area**



Alazan Creek @ Trash Boom Drainage Area

**San Antonio River @ SPC
Confluence Drainage Area**

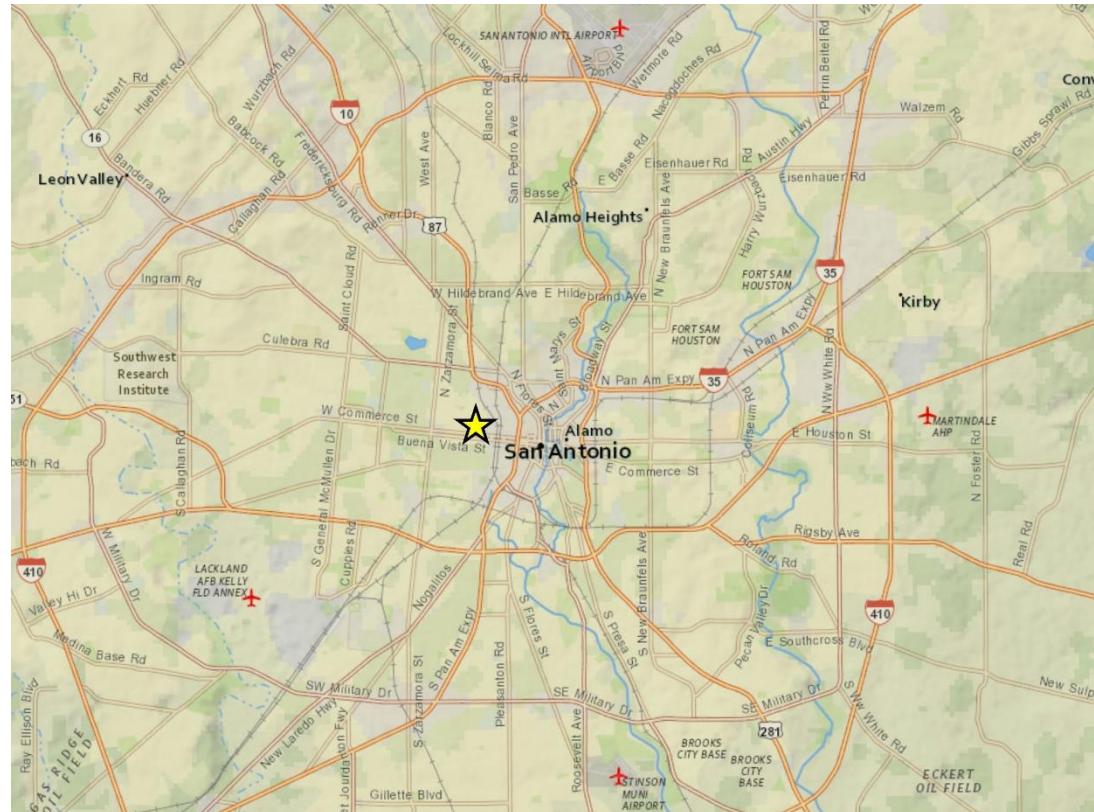
Project Scope

- Implement in-stream trash collection system.
- Trash collection system chosen: Litter Trap with Trash Boom

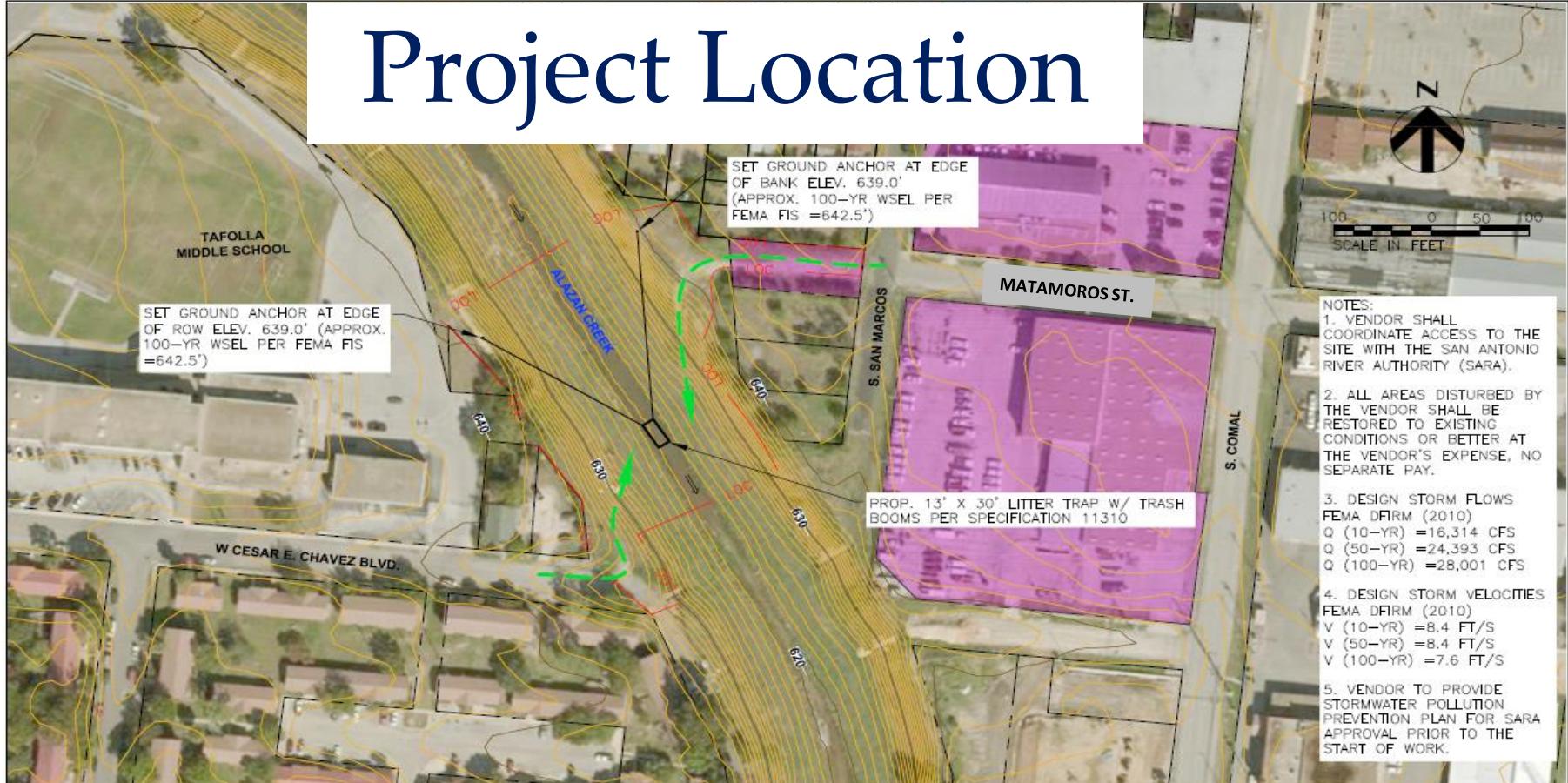


Project Location

- Litter Trap with Trash Boom installation on Alazan Creek
- Upstream of El Paso and downstream of S. Colorado Street



Project Location



LEGEND

— MINOR CONTOUR
 — MAJOR CONTOUR
 - - - PROPERTY LINE
 ELEVATION CONTOUR SOURCE: BEXAR COUNTY YEAR=2010 LiDAR

— PROP. ACCESS ROUTE
 — LIMITS OF CONSTRUCTION
 CITY OF SAN ANTONIO PROPERTY



PROJECT TITLE: TRASH AND FLOATABLES
 SHEET TITLE:
**ALAZAN CREEK
LITTER TRAP AND TRASH BOOM**



PROJECT NUMBER: 000000000273190
 PROJECT MANAGER: CRIS PARKER
 DATE: 02/24/2016

REFERENCE SHEET: -
 REFERENCE DOCUMENT: -
 EXHIBIT NUMBER: 1 of 1

Project Location



Alazan Creek Looking Downstream



Alazan Creek Looking Upstream

Litter Trap with Trash Boom System



Questions?

Westside Creeks



City of San Antonio



Linear Creekway Trails Project and Elmendorf Lake Park

April 19, 2016

Recommended Trail Projects (2015 Sales Tax Initiative)

Schedule

- April 26, 2016 – Linear Creekway Parks Advisory Board votes on recommendation
- May 4, 2016 – City Council reviews recommendation
- May 12, 2016 – City Council votes on recommendation



Status Report

- Apache / San Pedro Hike and Bike Trails
 - 10' wide hike and bike linear creekway trails.
 - Apache 1.49 miles
 - San Pedro 2.01 miles
 - Estimated Completion – June 2016
 - Project Progress Page
 - <http://www.westsidetrees.com/apachesan-pedro-creekways-trail-progress/>
 - Approximately 85% complete
 - Construction of trail is completed to Highway 90 with about 0.5 miles remaining to connect to San Antonio River.



City of San Antonio



Status Report

Apache – February 2016 – S. Zarzamora Looking West



Apache – April 2016 – S. Zarzamora Looking West



City of San Antonio



24

Status Report

Apache - February 2016 – S. Zarzamora Looking East



Apache - April 2016 – S. Zarzamora Looking East



City of San Antonio



Status Report

Apache – February 2016 – Navidad Looking West



Apache – April 2016 – Navidad Looking West



City of San Antonio



Status Report

Apache – February 2016 – Navidad Looking East



Apache – April 2016 – Navidad Looking East



City of San Antonio



SAN ANTONIO
RIVER AUTHORITY
Leaders in Watershed Solutions



Status Report

Apache – February 2016 – Trinity Looking West



Apache - February – Trinity Looking West



City of San Antonio



28

Status Report

Apache – February 2016 – Trinity Looking East



Apache – April 2016 – Trinity Looking East



City of San Antonio



29

Status Report

Apache – February 2016 – Brazos Looking West



Apache – April 2016 – Brazos Looking West



City of San Antonio



SAN ANTONIO
RIVER AUTHORITY
Leaders in Watershed Solutions



The Water Division of ARCADIS



Status Report

Apache – February 2016 – Brazos Looking East



Apache – April 2016 – Brazos Looking East



City of San Antonio



Status Report

Apache – February 2016 – Railroad Looking West



Apache – April 2016 – Railroad Looking West



City of San Antonio



Status Report

Apache – February 2016 – Railroad Looking East



Apache – April 2016 – Railroad Looking East



City of San Antonio



Status Report

Apache – February 2016 – Laredo Looking West



Apache – April 2016 – Laredo Looking West



City of San Antonio



Status Report

Apache – February 2016 – Laredo Looking East



Apache – April 2016 – Laredo Looking East



City of San Antonio



Status Report

San Pedro – February 2016 – Railroad Looking North



San Pedro – April 2016 – Railroad Looking North



City of San Antonio



Status Report

San Pedro – February 2016 – Railroad Looking South



San Pedro – April 2016 – Railroad Looking South



City of San Antonio



37

Status Report

San Pedro – February 2016 –Furnish Looking North



San Pedro – April 2016 –Furnish Looking North



City of San Antonio



SAN ANTONIO
RIVER AUTHORITY
Leaders in Watershed Solutions



Status Report

San Pedro – February 2016 –Furnish Looking South



San Pedro – April 2016 –Furnish Looking South



City of San Antonio



Status Report

San Pedro – February 2016 –Ralph Street Looking North



San Pedro – April 2016 –Ralph Street Looking North



City of San Antonio



Status Report

San Pedro – February 2016 –Nogalitos Looking East



San Pedro – April 2016 –Nogalitos Looking East



Status Report

San Pedro – February 2016 –Flores Looking East



San Pedro – April 2016 –Flores Looking East



City of San Antonio



Status Report

- Alazan / Martinez Hike and Bike Trails
 - 10' wide hike and bike linear creekway trails.
 - Alazán 0.47 miles
 - Martinez 0.61 miles
 - Estimated Completion – June 2016
 - Project Progress Pages
 - <http://www.westsidetrees.com/alazan-creekway-trail-progress/>
 - <http://www.westsidetrees.com/martinez-creekway-trail-progress/>
 - Approximately 80% complete



City of San Antonio



SAN ANTONIO
RIVER AUTHORITY
Leaders in Watershed Solutions



Status Report

Martinez – February 2016 – Woodlawn Looking North



Martinez – April 2016 – Woodlawn Looking North



City of San Antonio



Status Report

Martinez – February 2016 – Woodlawn Looking South



Martinez – April 2016 – Woodlawn Looking South



City of San Antonio



Status Report

Martinez – February 2016 – French Looking North



Martinez – April 2016 – French Looking North



City of San Antonio



Status Report

Martinez – February 2016 – French Looking South



Martinez – April 2016 – French Looking South



City of San Antonio



Status Report

Alazan – February 2016 Waverly Looking North



Alazan – April 2016 Waverly Looking North



City of San Antonio



Status Report

Alazan – February 2016 Waverly Looking South



Alazan – April 2016 Waverly Looking South



City of San Antonio



Status Report

Alazan – February 2016 Culebra Looking North



Alazan – April 2016 Culebra Looking North



City of San Antonio



Status Report

Alazan – February 2016 Culebra Looking South



Alazan – April 2016 Culebra Looking South

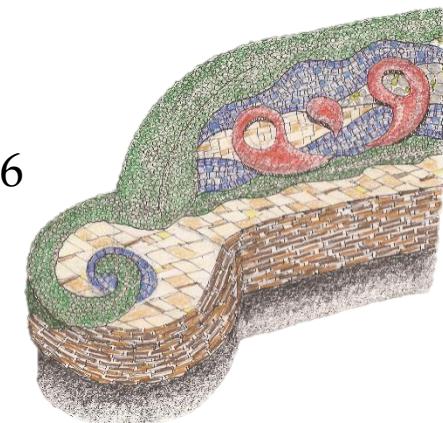


City of San Antonio



Status Report

- Elmendorf Lake Park (Estimated Completion)
 - 1) Jerdon – Bridge Project (04/2016)
 - 2) MAC, Inc – South Project (05/2016)
 - 3) Journeyman – North Project (06/2016)
 - Project Progress Page
 - <http://www.westsidetrees.com/elmendorflakeimprovementsprogress/>
 - Approximately 75% complete
 - Mosaic tile benching underway
 - Accepting community donated items until May 9, 2016 for potential incorporation into benching. (glass, broken china, dominoes or any other heirlooms).
 - » Contact Oscar Alvarado 210-862-1293.
 - All items are considered donated and may or may not be incorporated.



Approx. 70%
Progress to Date

Approx. 90%
Progress to Date

Tdg
3.17.15

ELMENDORF LAKE PARK



City of San Antonio



Status Report

Elmendorf Island
May 2015



Elmendorf Island
April 2016

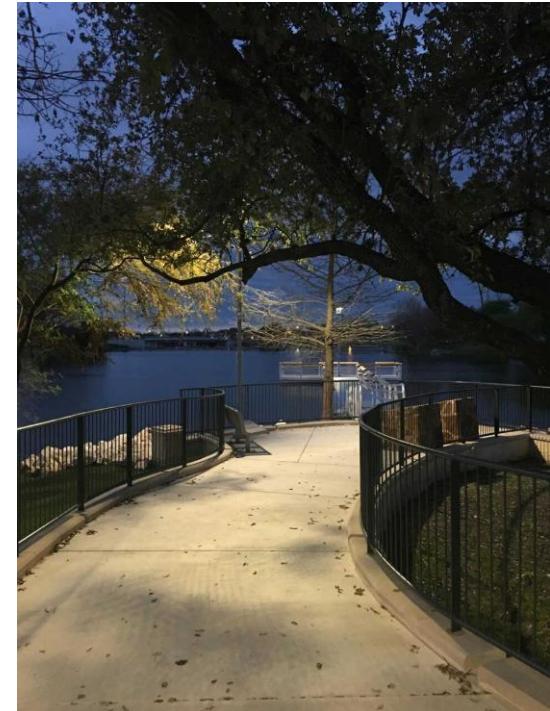


City of San Antonio



Status Report

Elmendorf Island February 2016



City of San Antonio



Status Report

Elmendorf Island
May 2015



Elmendorf Island
April 2016



City of San Antonio



Status Report

Elmendorf Island December



City of San Antonio



Elmendorf Island April 2016



Status Report

Elmendorf South

May 2015

- 24th Street Looking West



Elmendorf South

April 2016

- 24th Street Looking West



City of San Antonio



SAN ANTONIO
RIVER AUTHORITY
Leaders in Watershed Solutions



Status Report

Elmendorf South

May 2015

- 24th Street Looking West



Elmendorf South

April 2016

- 24th Street Looking West



City of San Antonio



SAN ANTONIO
RIVER AUTHORITY
Leaders in Watershed Solutions

MALCOLM
PIRNIE | ARCADIS
The Water Division of ARCADIS

Tdg



Status Report

Elmendorf South

May 2015

- 24th Street to the West



Elmendorf South

April 2016

- 24th Street to the West



City of San Antonio



Status Report

Elmendorf Lake

May 2015

- Commerce St. in the background



City of San Antonio



Leaders in Watershed Solutions



The Water Division of ARCADIS



Elmendorf Lake

April 2016

- Commerce St. in the background







Public Art Opportunities established by the Elmendorf Lake Park Master Plan

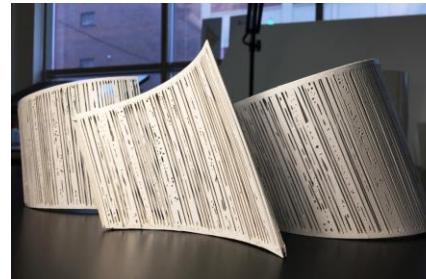
Median Art

Artist: David Dahlquist (Des Moines, IA)

Budget: \$190,000

Concept Description:

- Vertical/perforated
- Inspired by water
- Interacts with pedestrian path
- Illuminated
- Landscaping





SAN PEDRO CREEK

Improvements Project



SAN PEDRO CREEK

Improvements Project

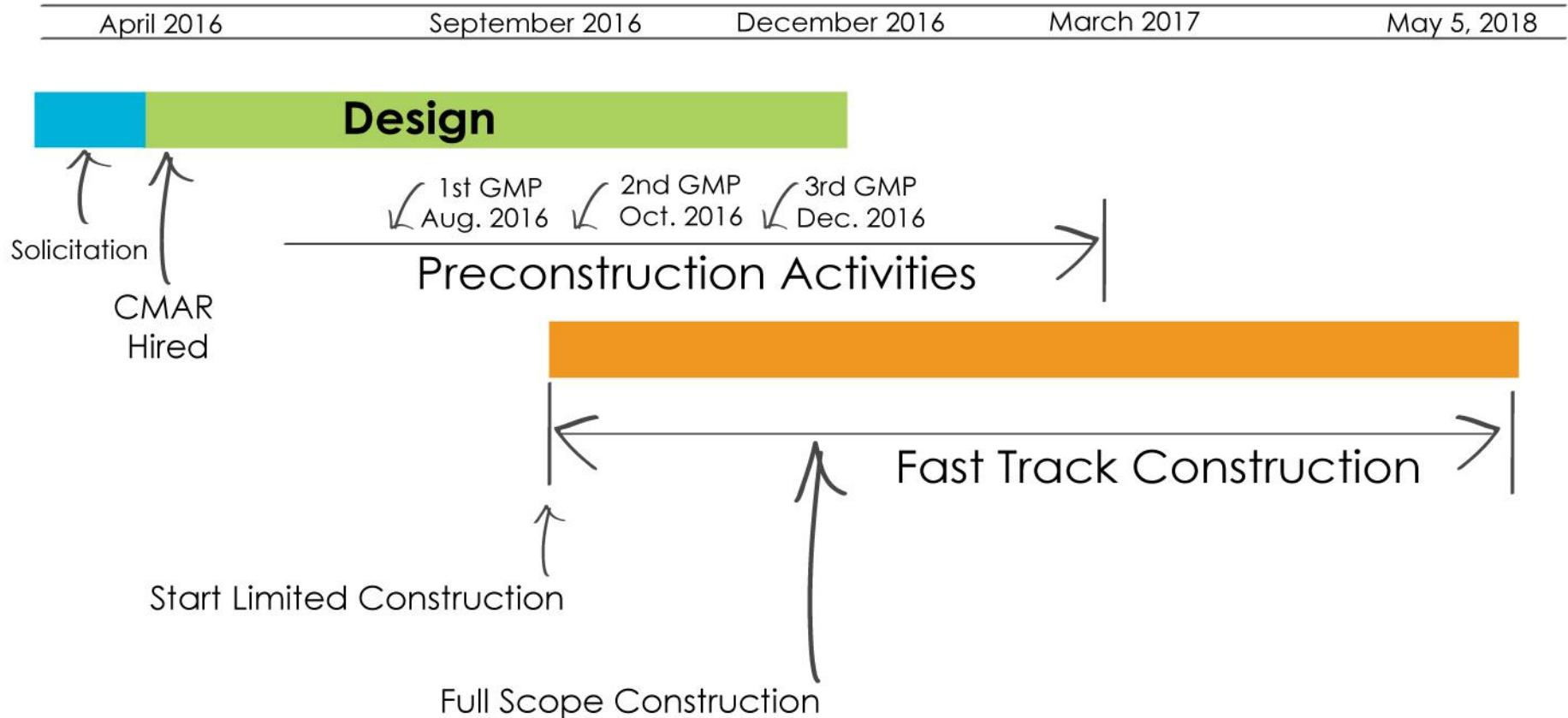
CONSTRUCTION MANAGER

Construction Manager at Risk

Construction Manager at Risk (CMAR) approach expected to deliver construction faster, earlier, more cleanly and with less risk to the Owner than conventional design-bid-build

- With schedule a driving factor, CMAR is now considered to be worth the potential premium
- CMAR preconstruction services will add an early financial commitment
 - These costs potentially offset by Contractor engagement

Construction Manager at Risk



Construction Manager at Risk

CMAR Solicitation Schedule

- March 4: Request for Qualifications Response Statements Received
 - Three statements submitted
- March 22: Recommendations to Bexar County Commissioners Court
- March 25: Issued Request for Proposals
- April 13: Supplemental information received

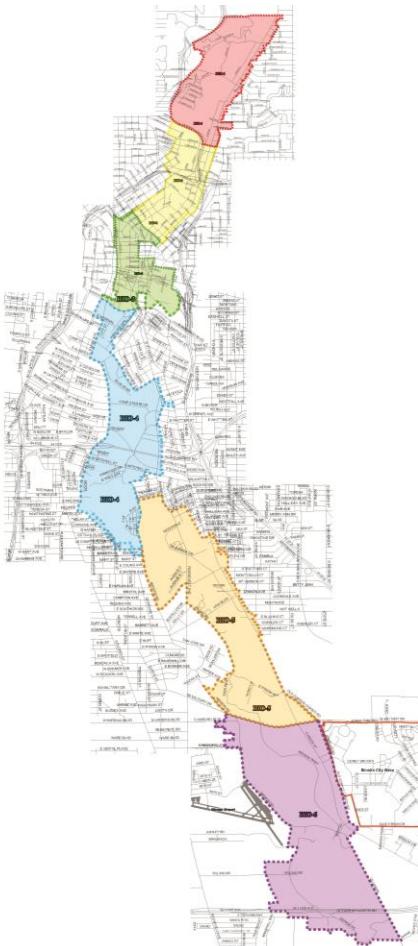
Construction Manager at Risk

CMAR Solicitation Status

- April 20: Interviews to be conducted
- April 21: Pricing proposals opening
- May 3: Approval of CMAR selection and authorization to negotiate contract
- May 17: Approval of contract award

DESIGN OVERLAY DISTRICT

RIO 1 - 6 Design Overlay Districts



- The City of San Antonio adopted River Improvement Overlay Districts (RIO's) in 2002.
- Their purpose is to guide private investment along the river insuring a harmonious environment that increases the public's use and appreciation for the River Walk.

RIO 7

With a long and successful track record of the RIO Districts, the new design zoning overlay district for the Creek will be patterned after the RIO guidelines calibrated to match the design character of the San Pedro Creek Improvements Project.



Property Owner & Stakeholder Input

March 1: Property owner and stakeholder public meeting No. 1

March 10: Subcommittee Meeting

March 29: Property owner and stakeholder public meeting No. 2

April 14: Subcommittee Meeting

Tentative Adoption Schedule

April 21: Submit Draft Comments to River Authority

Start of City Adoption Public Process

May 18: Historic and Design Review Commission

June 7: Zoning Commission

Neighborhoods and Livability Committee

August 4: Target City Council Date

ART PROGRAM

Art Advisory Committee

- Caleb Etheridge
San Pedro Creek Subcommittee, Member
- Debbie Racca-Sitre
CoSA Department of Culture and Creative Development, Interim Director
- Eduardo Garcia
PASA Public Art Committee, Vice Chair
- Patricia Ruiz-Healy
Ruiz-Healy Art, Director
- Kathryn Kanjo
Linda Pace Foundation, Trustee
- Susan Oliver Heard
Cinnabar, Director
- Deborah A. Cortez
Cultural Preservation & Brand Development, Mi Tierra Cafe, Inc., Director

Art Program

Assessment

- Delivers the strategy for the type of organization and structure of the public art program that will be ideal for San Pedro Creek, and how it will be realized with the appropriate scale, budgets and administrative framework
- Recommends steps to initiating the development of the San Pedro Creek Art Program unique to Bexar County

Art Program

Assessment Schedule

- RFP to list of qualified consultants on 2/10
- Submittals due on 3/11
- Art Advisory Committee Proposal Review
- Consultant selected 3/21
- Currently finalizing contract with selected consultant

Art Program

Assessment Next Steps

- Review scope of work with Art Advisory Committee on April 18
- Consultant team will begin work in May
- Final recommendations presented in August



QUESTIONS?

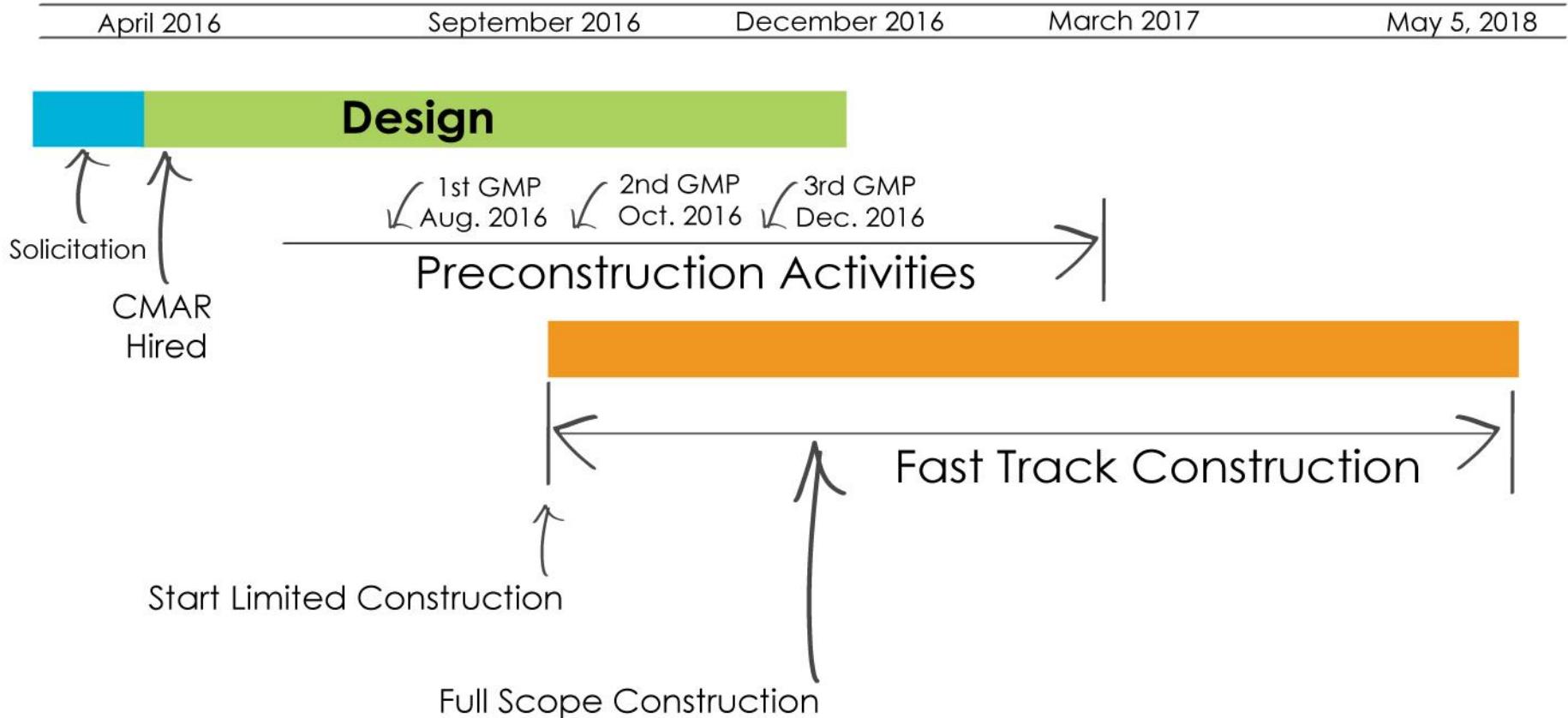
CONSTRUCTION MANAGER

Construction Manager at Risk

Construction Manager at Risk (CMAR) approach expected to deliver construction faster, earlier, more cleanly and with less risk to the Owner than conventional design-bid-build

- With schedule a driving factor, CMAR is now considered to be worth the potential premium
- CMAR preconstruction services will add an early financial commitment
 - These costs potentially offset by Contractor engagement

Construction Manager at Risk



Construction Manager at Risk

CMAR Solicitation Schedule

- March 4: Request for Qualifications Response Statements Received
 - Three statements submitted
- March 22: Recommendations to Bexar County Commissioners Court
- March 25: Issued Request for Proposals
- April 13: Supplemental information received

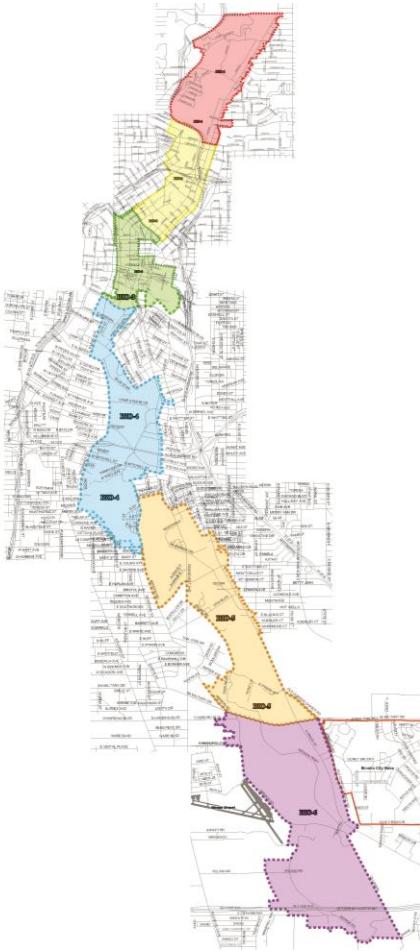
Construction Manager at Risk

CMAR Solicitation Status

- April 20: Interviews to be conducted
- April 21: Pricing proposals opening
- May 3: Approval of CMAR selection and authorization to negotiate contract
- May 17: Approval of contract award

DESIGN OVERLAY DISTRICT

RIO 1 - 6 Design Overlay Districts



- The City of San Antonio adopted River Improvement Overlay Districts (RIO's) in 2002.
- Their purpose is to guide private investment along the river insuring a harmonious environment that increases the public's use and appreciation for the River Walk.

RIO 7

With a long and successful track record of the RIO Districts, the new design zoning overlay district for the Creek will be patterned after the RIO guidelines calibrated to match the design character of the San Pedro Creek Improvements Project.



Property Owner & Stakeholder Input

March 1: Property owner and stakeholder public meeting No. 1

March 10: Subcommittee Meeting

March 29:Property owner and stakeholder public meeting No. 2

April 14: Subcommittee Meeting

Tentative Adoption Schedule

April 21: Submit Draft Comments to River Authority

Start of City Adoption Public Process

May 18: Historic and Design Review Commission

June 7: Zoning Commission

Neighborhoods and Livability Committee

August 4: Target City Council Date

ART PROGRAM

Art Advisory Committee

- Caleb Etheridge
San Pedro Creek Subcommittee, Member
- Debbie Racca-Sittre
CoSA Department of Culture and Creative Development, Interim Director
- Eduardo Garcia
PASA Public Art Committee, Vice Chair
- Patricia Ruiz-Healy
Ruiz-Healy Art, Director
- Kathryn Kanjo
Linda Pace Foundation, Trustee
- Susan Oliver Heard
Cinnabar, Director
- Deborah A. Cortez
Cultural Preservation & Brand Development, Mi Tierra Cafe, Inc., Director

Art Program

Assessment

- Delivers the strategy for the type of organization and structure of the public art program that will be ideal for San Pedro Creek, and how it will be realized with the appropriate scale, budgets and administrative framework
- Recommends steps to initiating the development of the San Pedro Creek Art Program unique to Bexar County

Art Program

Assessment Schedule

- RFP to list of qualified consultants on 2/10
- Submittals due on 3/11
- Art Advisory Committee Proposal Review
- Consultant selected 3/21
- Currently finalizing contract with selected consultant

Art Program

Assessment Next Steps

- Review scope of work with Art Advisory Committee on April 18
- Consultant team will begin work in May
- Final recommendations presented in August





SAN PEDRO CREEK

Improvements Project

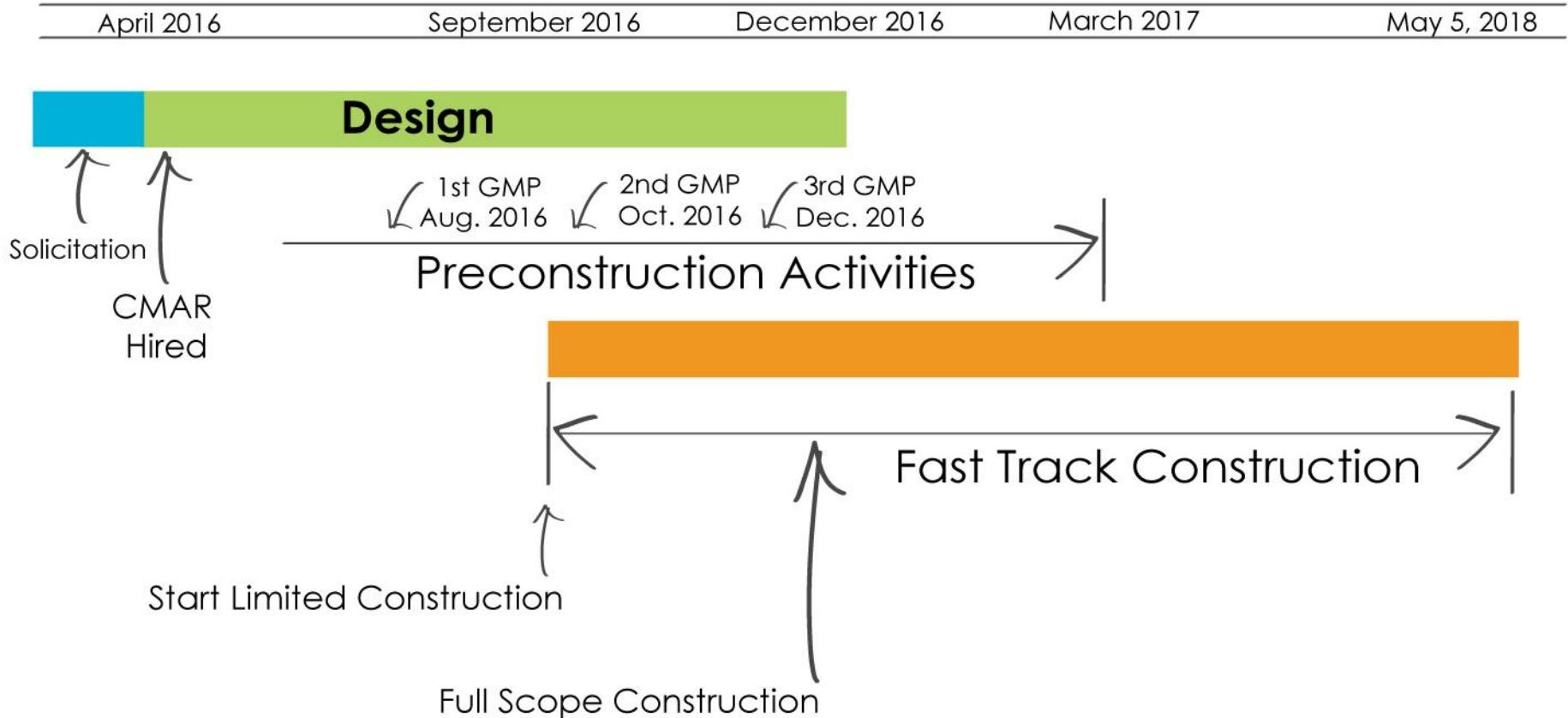
CONSTRUCTION MANAGER

Construction Manager at Risk

Construction Manager at Risk (CMAR) approach expected to deliver construction faster, earlier, more cleanly and with less risk to the Owner than conventional design-bid-build

- With schedule a driving factor, CMAR is now considered to be worth the potential premium
- CMAR preconstruction services will add an early financial commitment
 - These costs potentially offset by Contractor engagement

Construction Manager at Risk



Construction Manager at Risk

CMAR Solicitation Schedule

- March 4: Request for Qualifications Response Statements Received
 - Three statements submitted
- March 22: Recommendations to Bexar County Commissioners Court
- March 25: Issued Request for Proposals
- April 13: Supplemental information received

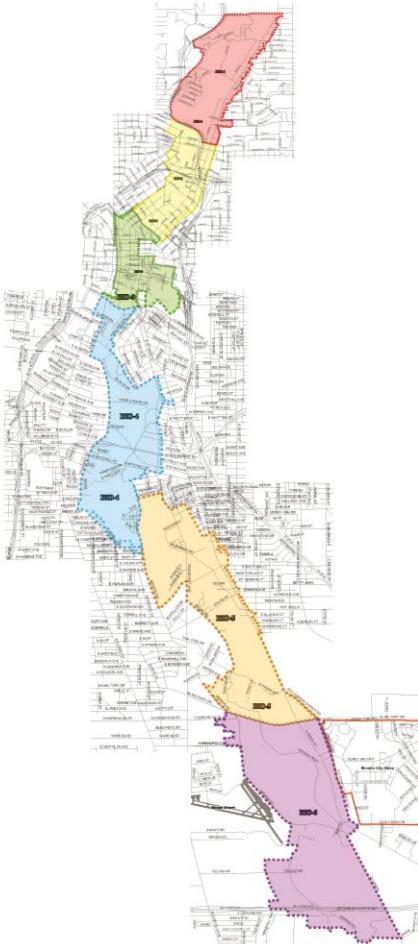
Construction Manager at Risk

CMAR Solicitation Status

- April 20: Interviews to be conducted
- April 21: Pricing proposals opening
- May 3: Approval of CMAR selection and authorization to negotiate contract
- May 17: Approval of contract award

DESIGN OVERLAY DISTRICT

RIO 1 - 6 Design Overlay Districts



- The City of San Antonio adopted River Improvement Overlay Districts (RIO's) in 2002.
- Their purpose is to guide private investment along the river insuring a harmonious environment that increases the public's use and appreciation for the River Walk.

RIO 7

With a long and successful track record of the RIO Districts, the new design zoning overlay district for the Creek will be patterned after the RIO guidelines calibrated to match the design character of the San Pedro Creek Improvements Project.



Property Owner & Stakeholder Input

March 1: Property owner and stakeholder public meeting No. 1

March 10: Subcommittee Meeting

March 29: Property owner and stakeholder public meeting No. 2

April 14: Subcommittee Meeting

Tentative Adoption Schedule

April 21: Submit Draft Comments to River Authority

Start of City Adoption Public Process

May 18: Historic and Design Review Commission

June 7: Zoning Commission

Neighborhoods and Livability Committee

August 4: Target City Council Date

ART PROGRAM

Art Advisory Committee

- Caleb Etheridge
San Pedro Creek Subcommittee, Member
- Debbie Racca-Sitre
CoSA Department of Culture and Creative Development, Interim Director
- Eduardo Garcia
PASA Public Art Committee, Vice Chair
- Patricia Ruiz-Healy
Ruiz-Healy Art, Director
- Kathryn Kanjo
Linda Pace Foundation, Trustee
- Susan Oliver Heard
Cinnabar, Director
- Deborah A. Cortez
Cultural Preservation & Brand Development, Mi Tierra Cafe, Inc., Director

Art Program

Assessment

- Delivers the strategy for the type of organization and structure of the public art program that will be ideal for San Pedro Creek, and how it will be realized with the appropriate scale, budgets and administrative framework
- Recommends steps to initiating the development of the San Pedro Creek Art Program unique to Bexar County

Art Program

Assessment Schedule

- RFP to list of qualified consultants on 2/10
- Submittals due on 3/11
- Art Advisory Committee Proposal Review
- Consultant selected 3/21
- Currently finalizing contract with selected consultant

Art Program

Assessment Next Steps

- Review scope of work with Art Advisory Committee on April 18
- Consultant team will begin work in May
- Final recommendations presented in August



QUESTIONS?