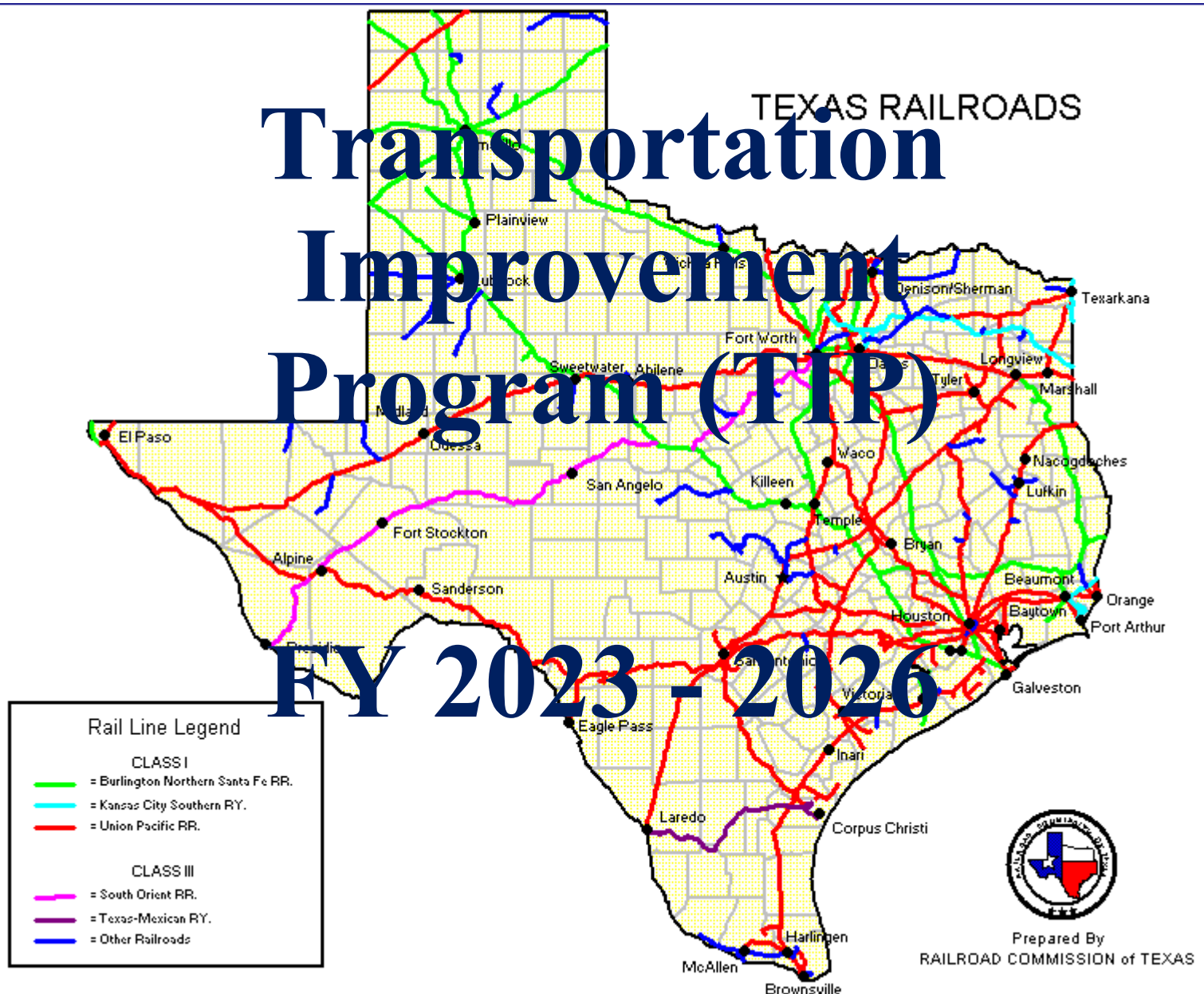


San Angelo Metropolitan Planning Organization



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Transportation Improvement Program (TIP)

Prepared by:
San Angelo Metropolitan
Planning Organization (SA-MPO)

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SAN ANGELO METROPOLITAN PLANNING ORGANIZATION STAFF

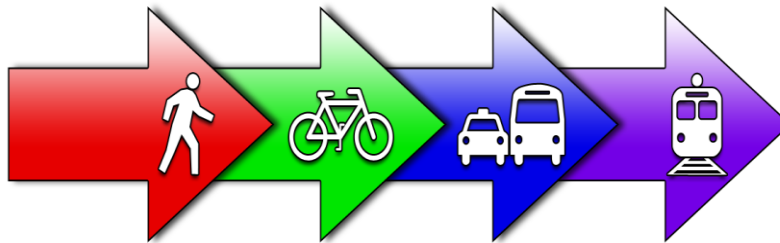
Major Hofheins
Director

Pete Madrid
Transportation Technical GIS Analyst

Jennifer Juarez
Administrative Assistant

Cooperative Partners

U.S. Department of Transportation
Federal Highway Administration
Federal Transit Administration
Texas Department of Transportation
City of San Angelo
Tom Green County
Concho Valley Transit District
Local public and private entities



METROPOLITAN PLANNING ORGANIZATION
S A N A N G E L O

Disclaimer

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Table of Contents

BACKGROUND INFORMATION.....	1
TRANSPORTATION IMPROVEMENT PROGRAM.....	2
LEGISLATION	3
SAFETEA-LU	3
MOVING AHEAD FOR PROGRESS IN THE 21 ST CENTURY.....	3
FIXING AMERICAS SURFACE TRANSPORTATION SYSTEM.....	5
INFRASTRUCTUREINVESTMENT & JOBS ACT.....	5
PERFORMANCE MEASURES.....	6
TRANSIT STATE OF GOOD EPAIR.....	8
PUBLIC INVOLVEMENTG PROCESS.....	9
PROJECT SELECTION PROCESS	10
FINANCIAL CONSIDERATIONS	11
AMENDMENTS AND MODIFICATIONS	12
SAN ANGELO METROPOLITAN PLANNING ORGANIZATION	13
HISTORY	14
ROLES & RESPONSIBILITIES.....	14
ORGANIZATION COMPONENTS	15
METROPOLITAN AREA	16
TRANSPORTATION PROJECTS	18
FEDERAL RANSIPROJECTS.....	19
FEDERAL HIGHWAY PROJECTS.....	25
GROUPED CSJ HIGHWAY PROJECTS	28
NOTE WORTHY PROJECTS.....	32
APPENDICES	34
MPO SELF-CERTIFICATION.....	35
CITY OF SAN ANGELO GROUPED HSIP FUNDED PROJECTS.....	36
GLOSSARY	38
TRANSPORTATION IMPROVEMENT PROGRAM CONTENT	39
FAST ACT REQUIREMENTS INTEGRATION OF PERFORMANCE MEASURES.....	40
HISTORY OF AMENDMENTS/REVISIONS	46

This document will provide the public with the following information:

- The purpose of the Transportation Improvement Program
- The relationship between the TIP and the MPO
- How public involvement is used in developing the TIP
- Projects planned for the San Angelo Metropolitan Area
- Agencies involved in the Planning and Project Process
- Transportation projects that involved federal, state and local funds

INTRODUCTION

Transportation planning has several elements and components, and is approached differently in every area. The fundamentals of planning involve collecting and analyzing data, identifying current and future problems, developing solutions to address them and identifying financial resources that will be sufficient to cover the costs of implementing the plans. Planning for the transportation system is essential because transportation affects every aspect of everything that we do. Whether it is making a trip to the store, visiting family and friends or commuting to work, transportation in some mode is involved.

Mandated transportation planning began in 1962 when Congress passed legislation that required urban areas to in transportation planning in order to receive federal transportation planning dollars. The best way to state this requirement is that cities that have a population of more than 50,000 cannot spend federal transportation funds on projects unless a transportation plan is in place.

While MPOs have several required documents that help to facilitate the transportation planning process, two documents are essential. This document, the Transportation Improvement Program and the long-range transportation plan also called the Metropolitan Transportation Plan. The MTP is a twenty-five year document that is the primary source of information for the formulation and review of the Transportation Improvement Program for the metropolitan area.

The purpose of the MTP is to systematize multi-modal transportation planning for all modes of travel and thus ensure that plans, programs and policies are interconnected and provide transportation coordination among the city, county, state and other entities. The combination of these documents and the stakeholders provide valuable resources that are used to meet the transportation challenges ahead. The MTP incorporates a multi-modal approach to transportation planning and includes not only roadways, but also transit, airports, train, freight, bikeways and pedestrian travel.

The fiscal years 2023-2026 Transportation Improvement Program is broken down into five main sections:

- Background Information
- Transportation Improvement Program Development
- San Angelo Metropolitan Planning Organization
- Projects
- Appendices

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BACKGROUND INFORMATION

TRANSPORTATION IMPROVEMENT PROGRAM

The Transportation Improvement Program commonly called “TIP” is a four-year fiscally constrained document that lists all federally funded transportation and transit projects occurring within the metropolitan planning boundary. The majority of the projects in the document are funded largely by federal funds; however, it is not uncommon to see some of the projects supplemented with state and local funds. Projects included in the TIP include streets, highways, bike lanes, pedestrian projects and public transportation.

The TIP is developed like other transportation plans and programs cooperatively between the MPO, the Texas Department of Transportation, local governmental entities and other stakeholders that have an interest in transportation system. Transportation Improvement Programs from MPOs are approved at the local level then they are included in their respective states’ Statewide Transportation Improvement Program. The STIP is a four-year capital improvement program, which is federally approved and is required for projects to be eligible for funding.

The TIP is important for transportation planning because it details transportation projects individually and lists them by fiscal year. This is useful for anyone that wants to know when a project will be implemented, how it will be funded and all costs associated with that particular project. Moreover, projects listed in the TIP show citizens of the community the long-term vision for San Angelo’s transportation network. More than just writing on paper, these projects demonstrate how cooperative planning by various entities results in an efficient system and shows the commitment for improving the system.

Federal legislation requires individual projects to be included in the TIP to be eligible for federal funding. With that said, there are exceptions to the rule. In some cases, projects may not be individually listed. Some small-scale projects may be grouped into project line items by project type to allow for flexibility in program implementation. Good examples of these types of projects are the Grouped CSJ projects. Other projects that are sometimes included in the TIP are projects that are 100% funded by local dollars. While these projects are not included in the financial summaries, they are listed for informational purposes. Projects that are considered regionally significant will also be listed in the TIP but not included in financial information.

The types of projects listed in the document are either Highway projects or Transit projects. Each project mode has its own information and details. Information for transit projects includes a project sponsor, project year, a breakdown of federal, state and local funding sources and the total project cost. Highway projects include similar information’ however, it is more detailed.

Highway information includes construction year, project phase costs (preliminary engineering, right-of way purchase, construction, construction engineering, contingencies, indirect costs, bond financing) project phase, year of expenditure costs, a breakdown of federal, state and local funds and total project costs.

LEGISLATION

SAFETEA-LU

The SAFETEA-LU (Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users) was signed into law on August 10, 2005. SAFETEA-LU requires the Metropolitan Planning Organizations (MPO) provide for consideration of projects and strategies that will serve to advance eight (8) transportation-planning factors¹:

1. Support Economic Vitality of the metropolitan area, especially by enabling global, competitiveness, productivity and efficiency.
2. Increase safety of the transportation system for motorized and non-motorized users.
3. Increase security of the transportation system for motorized and non-motorized users.
4. Increase the accessibility and mobility of people and freight.
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns.
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.
7. Promote efficient system management and operation.
8. Emphasize the preservation of the existing transportation system.
9. Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.
10. Enhance travel and tourism.

SAFETEA-LU, in addition to the eight transportation-planning factors identified above, also provided for an expanded Public Participation Plan. The PPP reflects appropriate consultation and coordination activities undertaken in consideration of the safety, security and environmental planning factors.

Moving Ahead For Progress in the 21st Century

On July 6, 2012, President Barrack Obama signed into law a new two-year transportation reauthorization bill known as Moving Ahead for Progress in the 21st Century Act (MAP-21). This bill governs the United States federal surface transportation spending and was passed after several extensions of its predecessor. Though new and short term, the bill does not significantly alter total funding from the previous authorization. It is estimated that the \$118 billion dollar bill will reduce the federal budget deficit by \$16.3 billion. The bill makes changes to the legal framework that directs federal transportation funding, generally providing more flexibility to states and other recipients.

One noteworthy change stated in the bill is that it requires the establishment of performance measures and targets. It requires MPOs and states to create a performance-based and multimodal program to strengthen the U.S. transportation system. The Performance measures would focus on issues such as planning, highway safety, highway conditions, congestion, system performance and transit performance.

The Moving Ahead for Progress in the 21st Century transportation bill lists seven national goals and performance management measures. These measures are based on a Performance Management

¹ These eight (8) transportation-planning factors are listed in detail in the Metropolitan Transportation Plan.

system with the expectation that they will transform the Federal-aid highway program and provide a means to the most efficient investment of transportation funds by refocusing on national transportation goals, increasing accountability and transparency of the Federal-aid highway program and improve project decision-making through performance based planning and programming.

The seven National goals consist of:

1. Safety — To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
2. Infrastructure condition — To maintain the highway infrastructure asset system in a state of good repair.
3. Congestion reduction — To achieve a significant reduction in congestion on the National Highway System.
4. System reliability — To improve the efficiency of the surface transportation system.
5. Freight movement and economic vitality — To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.
6. Environmental sustainability — To enhance the performance of the transportation system while protecting and enhancing the natural environment.
7. Reduced project delivery delays — To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices.

The San Angelo Metropolitan Planning Organization is working toward incorporating these goals into the routine transportation planning process to address the transportation issues in the MPO area. The MPO works with the City of San Angelo, San Angelo Police Department and the Texas Department of Transportation to determine where to focus planning efforts.

By working with these and other local, state and federal planning partners, the MPO is able to plan for growth and development, determine the effects and impacts of future transportation issues and develop solutions for long-term transportation issues and concerns.



Fixing America's Surface Transportation (FAST) Act

The Fixing America's Surface Transportation Act of 2015, or FAST Act, was signed into law on December 4, 2015. The FAST Act provides for new planning requirements such as providing for the development and integrated management of intermodal facilities that support intercity transportation; encouraging consultation with State agencies that plan for tourism and natural disaster risk reduction; planning for system resiliency and reliability and reducing storm-water impacts of surface transportation; and improving freight mobility.

The FAST Act continues MAP-21's overall performance approach, and ensures that State DOTs and MPOs invest in projects that collectively make progress toward the National Goals that were established by Congress.

The FAST Act also allows MPOs serving a transportation management area to voluntarily develop a Congestion Management Plan that shall include regional goals to reduce vehicle miles traveled during peak commuting hours and improve transportation connections between areas with high job concentration and areas with high concentrations of low-income households.

Infrastructure Investment and Jobs Act

On November 15, 2021, President Joe Biden signed into law the Bi-Partisan Infrastructure Law (BIL) also known as "IIJA". This act will ensure transportation funding opportunities for a five-year period covering Fiscal years 2022, 2023, 2024, 2025 and 2026. This act outlines new key opportunities for transportation:

- Once-in-a-generation investment in infrastructure
- Grows the economy, enhances U.S. competitiveness, creates good jobs, and makes the U.S. economy more sustainable, resilient, and equitable
- Around \$550 B in new Federal infrastructure investment, including—
 - Largest federal investment in public transit ever
 - Largest federal investment in passenger rail since the creation of Amtrak
 - Largest dedicated bridge investment since the construction of the Interstate System
 - Largest investment in clean drinking water & wastewater infrastructure in U.S. history
 - Largest investment in clean energy transmission & electric vehicle infrastructure in history
 - Ensuring every American has access to reliable high-speed internet
 - On average, around 2 million jobs per year
- **Funds highway programs for five years** (FY 22-26)
- **\$350.8 B (FY 22-26) for highway programs**
 - \$303.5 B in Contract Authority (CA) from the Highway Trust Fund (HTF)
 - +\$47.3 B in advance appropriations from the General Fund (GF)
- **More than a dozen new highway programs**, including—

- **Formula:** resilience, carbon reduction, bridges and electric vehicle (EV) charging infrastructure
- **Discretionary:** bridges, EV charging infrastructure, rural projects, resilience, wildlife crossings, and reconnecting communities
- Focus on safety, bridges, climate change, resilience, and project delivery
- **More opportunities for local governments and other non-traditional entities** to access new funding
- \$90 B transfer (GF->HTF) to **keep the HTF Highway Account solvent for years**

Performance Measures

Safety

The Texas Department of Transportation has officially established targets based on five-year rolling averages for five Safety performance measures:

Performance Measure	2022 Statewide Target (Expressed as Five-Year)
Total number of traffic related fatalities on all public roads	3,563
Rate of traffic related fatalities on all public roads per 100 million VMT	1.27
Total number of traffic related serious injuries on all public roads	16,677
Rate of traffic related serious injuries on all public roads per 100 million VMT	5.76
Total number of non-motorized fatalities and serious injuries on all public roads	2,367

These targets were developed using a data-driven, collaborative process during the update of Texas' 2017-2022 Strategic Highway Safety Plan. The targets are aligned with the state's Highway Safety Improvement Program and Highway Safety Plan and reflect a desired 50% reduction in the number of deaths by the year 2035 and to zero deaths by the year 2050.

On February 10, 2022, the San Angelo Metropolitan Planning Organization Transportation Policy Board adopted TxDOT's Safety targets within the Metropolitan Area Boundary.

Since the adoption of safety targets the state has adopted the state has established local targets for Travel Time Reliability and adopted and support the state road and Bridge Deck Condition targets. The Transportation Policy Board agreed to adopt and

support the state targets for travel time reliability, but set our own targets for road condition.

The Policy Board established and adopted conservative targets based on future traffic volume and suspected increased surface road traffic and rail traffic with so many at-grade crossings. These targets were adopted by Resolution on December 13, 2018 and will be adjusted as new information becomes available.

	2014 LOTTR-NI	2015 LOTTR-NI	2016 LOTTR-NI	2017 LOTTR-NI	2020 LOTTR-NI	2022 LOTTR-NI	Adopted Targets	
Region	Reliable Percentage	Reliable Percentage	Reliable Percentage	Reliable Percentage	Reliable Percentage	Reliable Percentage	2020 LOTTR-NI	2022 LOTTR-NI
San Angelo	89.9%	91.4%	90.6%	100%	98%	98%	90%	85%

Calculation
values

2020 PMT	2022 PMT	2020 PMT x Target	2022 PMT x Target
1,725,841	1,760,530	1,553,257	1,496,451

On December 13, 2018 the Policy Board also adopted by resolution State Targets for pavement and bridge deck condition. As new information becomes available these targets will be adjusted as well.

Performance Measure	Statewide Baseline	2020 Target	2022 Target
Pavement on Interstate Highway			
1) % in "Good" condition	n/a	n/a	66.40%
2) % in "Poor" condition	n/a	n/a	0.30%
Pavement on Non-Interstate National Highway System			
3) % in "Good" condition	54.40%	52.00%	52.30%
4) % ub "Poor" condition	13.80%	14.30%	14.30%
National Highway System Bridge Deck Condition			
5) % in "Good" condition	50.63%	50.58%	50.42%
6) % in "Poor" condition	0.88%	0.80%	0.80%

In May of 2019, the Texas Transportation Commission (TTC) adopted Minute Order 115481, directing TxDOT to work toward the goal of reducing the number of deaths on Texas roadways by half by the year 2035 and to zero by the year 2050. TxDOT modified its performance measures and target calculations accordingly. The calculations for the new targets were developed by dividing FY2019 CRIS Fatalities (year the direction was provided by TTC) by the number of years left 2050. This afforded TxDOT to achieve 50% reduction of fatalities by 2035. As of 2035 the reduction in fatalities was recalculated in the same manner to achieve ZERO fatalities by 2050. On June 26, 2020, the Policy Board voted to support these goals and TxDOT performance measures.

For STP-MM project selection, safety is one of the criteria where technical points are awarded based on the crash rate. Numerous projects adopted in the FY 2023-2026 Transportation Improvement Program support achieving the targets established for safety., travel time reliability and road and bridge deck conditions. These include: stand-alone safe bicycle and pedestrian projects and Complete Streets projects; added capacity and operational projects that also include safe bicycle and pedestrian facilities; conversion of frontage roads from two-way to one-way; intersection improvements; safety lighting; pavement markings; wrong way driver technologies; improved traffic signals; grade separated overpasses; improved low water crossings; flashing beacons; and Intelligent Transportation Systems projects.

The Transportation Policy Board commits to supporting, planning and programming projects that contribute to the accomplishments of all established and adopted targets and the MPO will monitor the established targets and report achievements to the Transportation Policy Board as they become available.

Transit State of Good Repair

The Concho Valley Transit District has adopted targets for four Transit Asset Management Performance measures for:

1. Equipment State of Good Repair: rehab or replace equipment based on the Concho Valley Transit District Board of Trustees approved capital plan to maintain an overall state of good repair of all vehicles and facilities.
2. Rolling Stock State of Good Repair: by 2022, replace 4 fixed route buses with an age of 5 years or greater and replace 6 demand response busses with an age of 5 years or greater.
3. Infrastructure State of Good Repair: zero, no passenger rail infrastructure.
4. Facilities State of Good Repair: rehab facilities based on the Concho Valley Transit District Board of Trustees approved capital plan to maintain an overall state of good repair. This to include Multi-Modal facilities and bus stop and shelter (operational) facilities as well.

On April 12, 2018, the San Angelo Metropolitan Planning Organization Transportation Policy Board adopted Concho Valley Transit District's performance measurement targets. The Transportation Policy Board commits to supporting, planning and programming projects that contribute to the accomplishments of said targets.

Numerous transit projects adopted in the FY 2023-2026 Transportation Improvement Program support achieving the targets established for transit state of good repair, including: the purchase of revenue vehicles; the purchase of replacement revenue vehicles; new and upgrades to existing passenger facilities; and upgrades to the operational facilities.

PUBLIC INVOLVEMENT PROCESS

The San Angelo Metropolitan Planning Organization recognizes that public participation and public involvement is essential to the success of transportation planning. Comments and feedback from the citizens of the community provide the MPO with information about where the transportation needs and priorities are greatest. From project identification to project prioritization, the public plays an important role in shaping the local transportation system. By sharing information between the citizens, stakeholders, board members and staff the MPO is able to develop plans that best meet the future transportation needs.

The Public Participation Plan's (PPP) purpose is to ensure transportation plans, policies, and decisions have public input. This document outlines procedures for public participation, which helps make certain the public is informed about transportation issues throughout the entire planning process. It gives the public adequate opportunity to express opinions and concerns about transportation issues and it outlines the means used to inform the public through project solicitation, public notice, public review opportunities, public comment opportunities and public meetings.

San Angelo's Public Participation Plan provides an opportunity for citizens, groups, agencies and private providers of transportation to be included in the transportation planning process. Part of the process includes the Citizen Advisory Committee (CAC) comprised of citizens interested in a specific transportation issue such as bicycle/pedestrian paths. The San Angelo MPO encourages continuing public involvement in all aspects of transportation planning. The involvement process is pro-active and provides complete information, timely notice and full public access to key decisions. Efforts to accommodate traditionally underserved citizens including low-income, minority households, limited English-speaking individuals and persons with disabilities.

To encourage citizen further feedback and comments, the San Angelo MPO maintains a website, www.sanangelompo.org that provides information about the organization, our various activities and events, any construction projects and public comment forms. The website also provides viewable and downloadable versions of all MPO documents, as well as various maps in the MPO



**SA-MPO
IS LISTENING TO
YOU!**

area, and information on transportation planning including street closures due to current transportation construction projects.

The MPO uses different forms of outreach to keep the community informed and engaged in the transportation planning process. This includes:

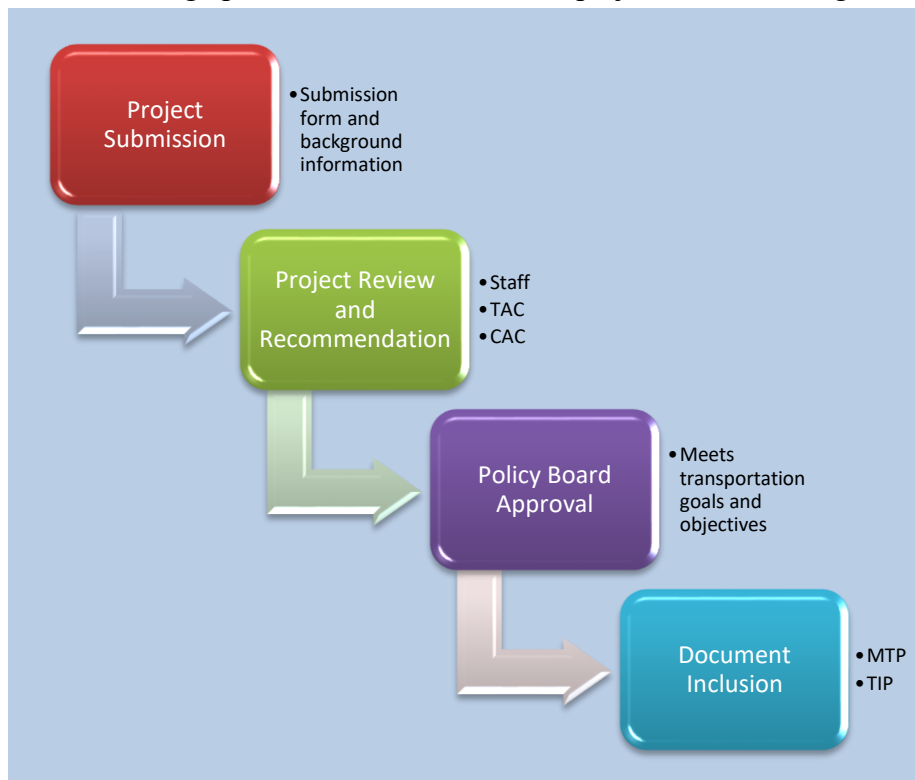
- Documents and comment forms
- Brochures and newsletters
- Presentations (in-house or on site)
- Radio and television
- Social media
- Surveys and blogs
- Public meetings
- Virtual option to attend public meetings and provide input

PROJECT SELECTION PROCESS

Another crucial component of the transportation planning process is the establishment of a project selection process. The Project Selection Process fulfills several needs in the metropolitan planning process. First, it defines a process to choose each project or idea and select the project that meets the intended need. Second, the process helps distinguish between a viable project and an idea. While project ideas and participation are encouraged, there must be some way to decide which project to include and that project's priority compared to other current projects. Since projects can vary greatly, it is important to have a device that helps to compare projects. Often there will be a number of suggested projects but not enough resources, money or time to undertake all of the projects. For this reason, a system for evaluating projects and ideas are necessary.

The MPOs Project Selection Process or PSP is the document used to streamline projects from conception to completion. The selection process is used for all projects that use federal or state transportation funds. The graphic below illustrates how projects move through the transportation planning

process.



When a project conceived and it is determined that the project is consistent with the long-range transportation goals, it is included in the long-range transportation plan with an estimated total project cost. The project is scored and ranked against other projects and assigned a priority. This action occurs during the project selection process. When funding is secured for the project, it moves to the TIP and is placed in the fiscal year that the funds will be spent for the project.

FINANCIAL CONSIDERATIONS

Federal regulations and guidelines require the Transportation Improvement Program be fiscally constrained and have a financial plan. Fiscally constrained applies to projects listed in the TIP and it means demonstrating an assurance that there will be sufficient funds (federal, state, local and private) to implement proposed transportation system improvements. This also includes any maintenance and operation costs. A financial plan is a comprehensive document that details costs associated with a project and the revenue structure that will be used to fund the project.

Developing a financially constraint program requires an open, cooperative process among the state, local and regional stakeholders and the MPO. More than a simple review and comment of each project, the necessity of financial considerations requires constant involvement by all those in the development of the estimated funds and the testing of the reasonableness of the financial projections. During the development phase of the TIP, the MPO coordinates with the Texas Department of Transportation to gather estimates of federal and state funds available. TxDOT works with the various transportation entities to develop the best technical method for projecting state and federal funds for several years ahead.

To demonstrate that there are funds available for a project, estimates are used for anticipated revenues. The TIP shows these estimated funds in the fiscal year in which they will be received. Generally, historic trends are used to determine future costs and the future revenues for a project. These project funds are shown in Year of Expenditure (YOE) dollars. YOE dollars are dollars that are adjusted for inflation from the present time to the expected year of construction. The annual rate of inflation for cost estimates is usually 4% for project costs. Using the YOE dollars produces a more accurate cost estimate for a project, which is used for planning, programming and implementation.

The TIP is the product of these estimates for all projects (highway and transit) that will be implemented during the life of the document. The federal, state and local funds shown in the TIP are consistent with the Metropolitan Transportation Plan.

As you can see, the financial constraint enables the Transportation Improvement Program to be a meaningful document for implementing the metropolitan transportation goals. The TIP becomes useful for community planning purposes, for meeting environmental protection laws, and for projecting economic, transportation access and mobility performance. The TIP provides a reasonable guide for highway and transit transportation spending based on the assessment of projected available resources.

Proper use of the Financial Constraint rationalizes and democratizes the planning process and the program, which implements the metropolitan area's visionary goals. The region can have a proper sense of purpose and proportion through the financial constraint. By forcing us to live within our means, the TIP with a financial constraint becomes a meaningful transportation priority-setting investment plan.

AMENDMENTS AND MODIFICATIONS

Since the Transportation Improvement Program is a four-year document and a lot changes during four years, there are times when amendments and revisions are necessary. There are two types of amendments, which occur to the document. These are Major amendments and Minor (administrative) amendments.

Generally, significant changes to the design concept, cost, scope of project, or addition/deletion of a project listing, project phase initiation dates require a Major amendment, while minor changes in fund sources, description, lead agency, funding years or typographical errors may be processed via administrative amendments. Administrative amendments do not require any formal action or public comment periods.

During the Major amendment process, the MPO solicits input from the public. In order to provide the citizens with an opportunity to review the proposed amendments, a public review period and comment period is initiated. During this time, the MPO makes the amended document available in the office as well as online. The duration of document review is dependent on whether the document is being drafted or if a major amendment is being done. For the draft document of the TIP, a public comment period of 30 days is required. A 15-day comment period is used for amendments to the document.

The public review period is normally concurrent with the public comment period. Comments received during the public comment or review periods are presented to the MPO Policy board and the other organizational components.

The graphic below shows the general flow of the amendment process to the Transportation Improvement Program and other MPO documents that require modification.



SAN ANGELO METROPOLITAN PLANNING ORGANIZATION

HISTORY

In 1988, the Governor of Texas designated the City of San Angelo as the Metropolitan Planning Organization (MPO) for the San Angelo area. This gave the City of San Angelo Metropolitan Planning Organization the responsibility of overall transportation guidance. On October 19, 2010, the Council for the City of San Angelo resolved to re-designate the City of San Angelo Metropolitan Planning Organization to the San Angelo Metropolitan Planning Organization.

On December 9, 2010 the San Angelo Metropolitan Planning Organization Policy Board, with a quorum present at a meeting duly called, agreed with the proposal for the re-designation. The board made a request to the state transportation commission and at its meeting on January 27, 2011; the Texas Transportation Commission approved the re-designation. The actions of the City Council and the Policy Board resulted in the San Angelo Metropolitan Planning Organization becoming a separate stand-alone entity.

In order to provide for the continuing phase of the comprehensive, cooperative planning process for keeping San Angelo's transportation plan up-to-date, a continuing phase agreement between the San Angelo MPO Policy Board, the City of San Angelo and the Texas Department of Transportation is executed every six years. This agreement outlines the guidelines and responsibilities for each entity, which helps guarantee successful and supportive transportation planning.

ROLES & RESPONSIBILITIES

The San Angelo Metropolitan Planning Organization (SA-MPO) is the transportation planning cooperative organization for San Angelo, which is responsible for short- and long-range planning in and around San Angelo. The Organization consists of federal, state, and local agencies working together to identify transportation-related issues, plan and make decisions and decide how to implement the transportation solutions.

SA-MPO is required by law to meet certain requirements and guidelines. Major responsibilities include the Metropolitan Transportation Plan (MTP), Transportation Improvement Program (TIP), and Unified Planning Work Program (UPWP). Other annual reports are required. The MTP is a 25-year document that serves as the guide and vision for transportation within the region. It details current transportation projects and identifies future transportation needs and projects. It is essentially the transportation comprehensive plan for the MPO boundary. The TIP is a 4-year document that has all approved projects that use federal funds. The UPWP is a 1-year plan that details all of the activities the MPO will pursue and complete during the given fiscal year. It is in essence the operating budget for the MPO.

Like many, a transportation plan has short- and long-range strategies that are intended to help with the efficient movement of people and goods. More importantly, the plan must provide an economic benefit. The transportation plan is a tool for decision makers when transportation project are being considered for implementation.

As the designated metropolitan planning organization, SA-MPO is responsible for not only the ensuring the transportation planning process is consistent with federal and state requirements, we are also responsible for the development and maintenance of the Transportation Improvement Program.

The City of San Angelo in cooperation with Tom Green County, the Texas Department of Transportation and the U.S. Department of Commerce began transportation planning in the San Angelo area in 1964. The product of the cooperation resulted in a transportation study (long-range transportation plan) that was completed in 1966 and was later formally adopted.

Since 1964, transportation planning activities have been performed by the Metropolitan Planning Organization, originally the City of San Angelo MPO and since 2010 the San Angelo MPO. Although much has changed since the original study took place and transportation planning began in San Angelo, one thing that has remained unchanged is realization that cooperative planning continues to provide a safe and efficient transportation system.

Today the San Angelo MPO continues to work with TxDOT, Concho Valley Transit District, the City of San Angelo and other local entities to make sure the planning process is in accordance with federal planning regulations, which require transportation programs and projects to be based on a comprehensive, cooperative and continuing planning process also known as (3-C) process.

ORGANIZATION COMPONENTS

Policy Board: The MPO Policy Board composition is made up of individuals from different organizations that work collaboratively to plan for San Angelo's transportation network. Representatives from the City of San Angelo, the Texas Department of Transportation, Tom Green County, San Angelo Chamber of Commerce and the Concho Valley Transit District make up the policy board. In addition to these representatives, State and Federal elected officials serve as non-voting members of the board.

The Policy Board provides direction and guidance for transportation planning within the Metropolitan planning boundary, which essentially guides how the city grows. The Board is responsible for ensuring conformance with federal regulations, which include requiring that highways, mass transit, and other transportation facilities and services are consistent with urban development.

Staff: The San Angelo MPO is comprised of three staff members – Director, Technical Transportation Analyst and Project and Planning Coordinator. The MPO staff carries out the planning goals and objectives by utilizing their planning and technical expertise. Staff conducts studies, collects and analyzes data, and oversees transportation projects. Working with local and outside public and private entities, staff is able to share and provide information, which is used by the Policy Board to make program and policy decisions.

Public involvement plays an important role in the transportation planning process and the staff members are devoted to public outreach and participation. Staff members solicit input for the community, provide avenues for public participation, host educational activities and events and interact through various social media venues.

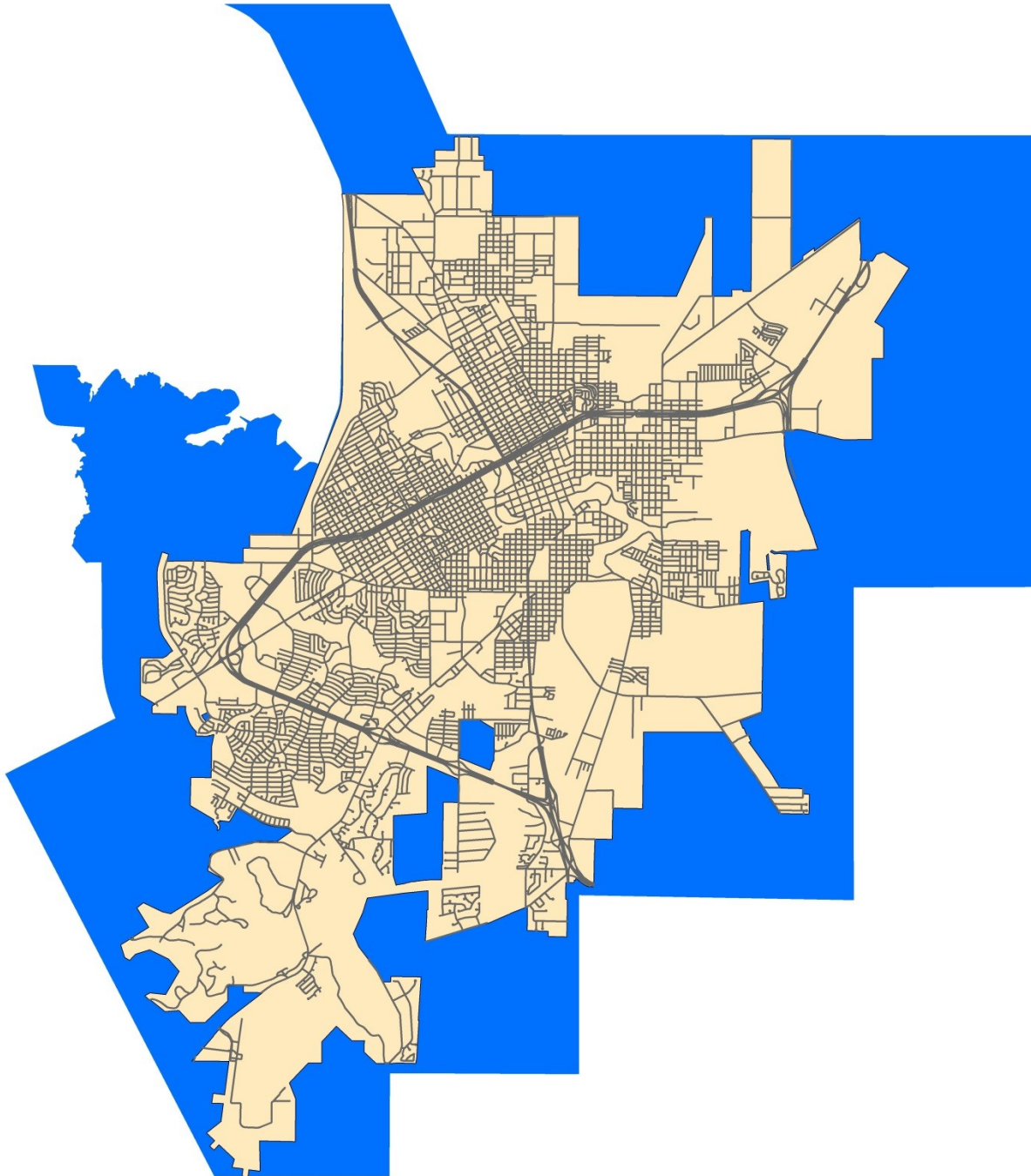
Advisory Committees: The San Angelo Metropolitan Planning Organization works with a several organizations, community clubs, civic groups and other individuals to develop transportation plans. The advisory committees can be in a variety of formats including a Technical Advisory Committee, which provides the board with technical advice and recommendations on projects and programs.

Citizen Advisory Committee: The Citizen Advisory Committee is made up of volunteers from community groups, professional organizations, neighborhood associations, private sector and individuals and provides recommendations to the policy board from a “public” perspective. Occasionally, there may be a special committee or temporary committee created that is made up of both technical and community individuals that provide recommendations for the policy board.



METROPOLITAN AREA

The San Angelo metropolitan planning area encompasses approximately 116 square miles of Tom Green County. The City of San Angelo is the only incorporated area within the boundary with an approximate population of nearly 100,000. The population outside of the City in the metropolitan planning area is mainly rural with spotted urbanized development.



TRANSPORTATION PROJECTS



FEDERAL TRANSIT PROJECTS

San Angelo Metropolitan Planning Organization
Transportation Improvement Program FY 2023-2026

FY 2023 TRANSIT PROJECT LISTING
SAN ANGELO METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026
TOTAL PROJECT/YEAR OF EXPENDITURE COSTS

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$1,074,478
Project Name:	Urban Transit Bus Operating Assistance	TxDOT State Funds:	\$411,365
MPO Project Number:	PT200-23-01	Local Funds:	\$663,113
Apportionment Year:	2023	Other Funds:	
Project Type:	Operating	Fiscal Year Cost:	\$2,148,956
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Operating assistance for the urban transit buses	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$806,768
Project Name:	Complementary ADA Service	TxDOT State Funds:	\$0
MPO Project Number:	PT200-23-02	Local Funds:	\$201,637
Apportionment Year:	2023	Other Funds:	
Project Type:	Operating	Fiscal Year Cost:	\$1,008,405
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Complementary ADA Service, Capital Preventative Maintenance	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$108,768
Project Name:	Capital Lease	TxDOT State Funds:	\$0
MPO Project Number:	PT200-23-03	Local Funds:	\$25,709
Apportionment Year:	2023	Other Funds:	\$0
Project Type:	Capital	Fiscal Year Cost:	\$134,477
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Capital Lease	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$19,993
Project Name:	Bus and Facility Security	TxDOT State Funds:	\$0
MPO Project Number:	PT200-23-04	Local Funds:	\$4,726
Apportionment Year:	2023	Other Funds:	\$0
Project Type:	Safety/Security	Fiscal Year Cost:	\$24,719
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Security projects for urban buses and transit facility	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$181,761
Project Name:	Bus Stop Shelters (purchase & install)	TxDOT State Funds:	\$0
MPO Project Number:	PT200-23-05	Local Funds:	\$45,440
Apportionment Year:	2023	Other Funds:	\$0
Project Type:	Capital	Fiscal Year Cost:	\$227,201
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Bus Stop Shelters in various parts of the city, including installation	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5339
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$539,000
Project Name:	Bus Purchase	TxDOT State Funds:	\$0
MPO Project Number:	PT200-23-06	Local Funds:	\$134,750
Apportionment Year:	2023	Other Funds:	\$0
Project Type:	Capital	Fiscal Year Cost:	\$673,750
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Purchase 4 vehicles for Urban: 3 < 30ft Buses and 1 Trolley	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

TOTAL FISCAL YEAR 2023 PROJECT COST:	\$4,217,508
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San Angelo Metropolitan Planning Organization
Transportation Improvement Program FY 2023-2026

FY 2024 TRANSIT PROJECT LISTING
SAN ANGELO METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026
TOTAL PROJECT/YEAR OF EXPENDITURE COSTS

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$1,181,925
Project Name:	Urban Transit Bus Operating Assistance	TxDOT State Funds:	\$440,160
MPO Project Number:	PT200-24-01	Local Funds:	\$709,531
Apportionment Year:	2024	Other Funds:	\$0
Project Type:	Operating	Fiscal Year Cost:	\$2,331,616
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Operating assistance for the urban transit buses	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$887,201
Project Name:	Complementary ADA Service	TxDOT State Funds:	\$0
MPO Project Number:	PT200-24-02	Local Funds:	\$215,752
Apportionment Year:	2024	Other Funds:	\$0
Project Type:	Operating	Fiscal Year Cost:	\$1,102,953
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Complementary ADA Service, Capital Preventative Maintenance	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	112,031
Project Name:	Capital Lease	TxDOT State Funds:	0
MPO Project Number:	PT200-24-03	Local Funds:	26,480
Apportionment Year:	2024	Other Funds:	\$0
Project Type:	Capital	Fiscal Year Cost:	\$138,511
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Capital Lease	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	20,593
Project Name:	Bus and Facility Security	TxDOT State Funds:	0
MPO Project Number:	PT200-24-04	Local Funds:	4,869
Apportionment Year:	2024	Other Funds:	\$0
Project Type:	Safety/Security	Fiscal Year Cost:	\$25,462
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Security projects for urban buses and transit facility	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$189,032
Project Name:	Bus Stop Shelters (purchase & install)	TxDOT State Funds:	\$0
MPO Project Number:	PT200-24-05	Local Funds:	\$47,259
Apportionment Year:	2024	Other Funds:	\$0
Project Type:	Capital	Fiscal Year Cost:	\$236,291
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Bus Stop Shelters in various parts of the city, including installation	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5339
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$555,170
Project Name:	Bus Purchase	TxDOT State Funds:	\$0
MPO Project Number:	PT200-24-06	Local Funds:	\$138,794
Apportionment Year:	2024	Other Funds:	\$0
Project Type:	Capital	Fiscal Year Cost:	\$693,964
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Purchase 4 vehicles for Urban: 3 < 30ft Buses and 1 Trolley	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

TOTAL FISCAL YEAR 2024 PROJECT COST:	\$4,528,796
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FY 2025 TRANSIT PROJECT LISTING
SAN ANGELO METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026
TOTAL PROJECT/YEAR OF EXPENDITURE COSTS

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$1,229,203
Project Name:	Urban Transit Bus Operating Assistance	TxDOT State Funds:	\$457,767
MPO Project Number:	PT200-25-01	Local Funds:	\$737,912
Apportionment Year:	2025	Other Funds:	\$0
Project Type:		Fiscal Year Cost:	\$2,424,882
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Operating assistance for the urban transit buses	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$922,689
Project Name:	Complementary ADA Service	TxDOT State Funds:	\$0
MPO Project Number:	PT200-25-02	Local Funds:	\$224,381
Apportionment Year:	2025	Other Funds:	\$0
Project Type:	Operating	Fiscal Year Cost:	\$1,147,070
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Complementary ADA Service, Capital Preventative Maintenance	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$116,512
Project Name:	Capital Lease	TxDOT State Funds:	\$0
MPO Project Number:	PT200-25-03	Local Funds:	\$27,539
Apportionment Year:	2025	Other Funds:	\$0
Project Type:	Capital	Fiscal Year Cost:	\$144,051
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Capital Lease	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$21,416
Project Name:	Bus and Facility Security	TxDOT State Funds:	\$0
MPO Project Number:	PT200-25-04	Local Funds:	\$5,063
Apportionment Year:	2025	Other Funds:	\$0
Project Type:	Safety/Security	Fiscal Year Cost:	\$26,479
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Security projects for urban buses and transit facility	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

TOTAL FISCAL YEAR 2025 PROJECT COST:	\$3,742,482
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FY 2026 TRANSIT PROJECT LISTING
SAN ANGELO METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION IMPROVEMENT PROGRAM FY 2023-2026
TOTAL PROJECT/YEAR OF EXPENDITURE COSTS

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$1,266,079
Project Name:	Urban Transit Bus Operating Assistance	TxDOT State Funds:	\$471,500
MPO Project Number:	PT200-26-01	Local Funds:	\$760,049
Apportionment Year:	2026	Other Funds:	\$0
Project Type:	Operating	Fiscal Year Cost:	\$2,497,628
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Operating assistance for the urban transit buses	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$950,369
Project Name:	Complementary ADA Service	TxDOT State Funds:	\$0
MPO Project Number:	PT200-26-02	Local Funds:	\$231,113
Apportionment Year:	2026	Other Funds:	\$0
Project Type:	Operating	Fiscal Year Cost:	\$1,181,483
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Complementary ADA Service, Capital Preventative Maintenance	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$120,008
Project Name:	Capital Lease	TxDOT State Funds:	\$0
MPO Project Number:	PT200-26-03	Local Funds:	\$28,365
Apportionment Year:	2026	Other Funds:	
Project Type:	Capital	Fiscal Year Cost:	\$148,373
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Capital Lease	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
TxDOT District:	San Angelo	Federal Funding Category:	5307
Project Sponsor:	Concho Valley Transit District	FTA Federal Funds:	\$22,059
Project Name:	Bus and Facility Security	TxDOT State Funds:	\$0
MPO Project Number:	PT200-26-04	Local Funds:	\$5,215
Apportionment Year:	2026	Other Funds:	
Project Type:	Safety/Security	Fiscal Year Cost:	\$27,274
Amendment Date:	n/a	Trans. Dev. Credits Requested:	n/a
Project Description:	Security projects for urban buses and transit facility	Trans. Dev. Credits Awarded:	n/a
		Trans. Dev. Credit Award Date:	n/a

TOTAL FISCAL YEAR 2026 PROJECT COST:	\$3,854,758
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San Angelo Metropolitan Planning Organization
Transportation Improvement Program FY 2023-2026



TEXAS DEPARTMENT OF TRANSPORTATION

Transit Financial Summary

San Angelo Metropolitan Planning Organization
FY 2023 - 2026 Transportation Improvement Program

All Figures in Year of Expenditure (YOE) Dollars

Revised 05-11-2020

Transit Program		FY 2023			FY2024			FY2025		
		Federal	Match	Total	Federal	Match	Total	Federal	Match	Total
1	Sec. 5307 - Urbanized Formula >200K			\$0			\$0			\$0
2	Sec. 5307 - Urbanized Formula <200K	\$2,191,768	\$1,351,990	\$3,543,758	\$2,390,782	\$1,444,049	\$3,834,831	\$2,289,820	\$1,452,662	\$3,742,482
3	Sec. 5309 - Fixed Guideway Investment			\$0			\$0			\$0
4	Sec. 5337 - State of Good Repair			\$0			\$0			\$0
5	Sec. 5339 - Bus & Bus Facilities >200k	\$539,000	\$134,750	\$673,750	\$555,170	\$138,794	\$693,964			\$0
6	Sec. 5310 - Seniors&People w/Disabilities >200k			\$0			\$0			\$0
7	Sec. 5316 - JARC >200K			\$0			\$0			\$0
8	Sec. 5317 - New Freedom >200K			\$0			\$0			\$0
9	Other FTA			\$0			\$0			\$0
10	Regionally Significant or Other (incl FHWA transfers)			\$0			\$0			\$0
Total Funds		\$2,730,768	\$1,486,740	\$4,217,508	\$2,945,952	\$1,582,843	\$4,528,795	\$2,289,820	\$1,452,662	\$3,742,482
Transportation Development Credits Requested							\$0			\$0
Awarded							\$0			\$0

All Figures in Year of Expenditure (YOE) Dollars

Transit Programs		FY 2026			Total		
		Federal	Match	Total	Federal	Match	Total
1	Sec. 5307 - Urbanized Formula >200K			\$0	\$0	\$0	\$0
2	Sec. 5307 - Urbanized Formula <200K	\$2,358,515	\$1,496,242	\$3,854,758	\$9,230,885	\$5,744,943	\$14,975,829
3	Sec. 5309 - Fixed Guideway Investment			\$0	\$0	\$0	\$0
4	Sec. 5337 - State of Good Repair			\$0	\$0	\$0	\$0
5	Sec. 5339 - Bus & Bus Facilities >200k			\$0	\$1,094,170	\$273,544	\$1,367,714
6	Sec. 5310 - Seniors&People w/Disabilities >200k			\$0	\$0	\$0	\$0
7	Sec. 5316 - JARC >200K			\$0	\$0	\$0	\$0
8	Sec. 5317 - New Freedom >200K			\$0	\$0	\$0	\$0
9	Other FTA			\$0	\$0	\$0	\$0
10	Regionally Significant or Other (incl FHWA transfers)			\$0	\$0	\$0	\$0
Total Funds		\$2,358,515	\$1,496,242	\$3,854,758	\$10,325,055	\$6,018,487	\$16,343,543
Transportation Development Credits Requested				\$0			\$0
Awarded				\$0			\$0

FEDERAL HIGHWAY PROJECTS

San Angelo Metropolitan Planning Organization
Transportation Improvement Program FY 2023-2026

**San Angelo Metropolitan Planning Organization
FY 2023-2026 Transportation Improvement Program
Highway Projects FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST		
San Angelo	Tom Green	0159-07-007	SL 378	C	San Angelo	TxDOT	\$20,413,952		
PROJECT:						REV DATE:	04/2022		
LIMITS FROM:	FM 1223					MPO PROJ. #:	HR100-20-01		
LIMITS TO:	US 87					FUND CAT(S):	2U, 11,4U,1		
DESCRIPTION:	Widen, Add Center Turn Lane, and ACP Overlay								
REMARKS:	PROJECT HISTORY:								
TOTAL PROJECT COST INFORMATION			AUTHORIZED FUNDING BY CATEGORY/SHARE						
PRE.ENG.	\$1022309	COST OF APPROVED PHASES	FEDERAL		STATE	LOCAL	OTHER	TOTAL	
ROW PURCHASE:	\$1,486,841		CAT: 2U	\$12,848,627	\$3,212,157	\$0	\$0	\$16,060,784	
CONST COST:	\$20,413,952		CAT: 1	\$2,633,522	\$651,630	\$0	\$0	\$3,285,152	
CONST ENG:	\$1239289		CAT: 4U	\$526,413	\$131,603	\$0	\$0	\$658,016	
CONTINGENCIES:	\$1,234,651		CAT: 11	\$328,000	\$82,000	\$0	\$0	\$410,000	
INDIRECT COSTS:	\$605040	\$20,413,952	TOTAL:		\$16,336,562	\$4,077,390	\$20,413,952		
BOND FINANCING	\$0		Additional Remarks:						
TOTAL COST	\$26002082								

San Angelo Metropolitan Planning Organization
Transportation Improvement Program FY 2023-2026

**San Angelo Metropolitan Planning Organization
FY 2023 - 2026 Transportation Improvement Program**

Funding by Category

Category	Description	FY 2023		FY 2024		FY 2025		FY 2026		Total FY 2023 -2026	
		Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized
1	Preventive Maintenance and Rehabilitation	\$3,285,152	\$3,285,152	\$0	\$0	\$0	\$0	\$0	\$0	\$3,285,152	\$3,285,152
2M or 2U	Urban Area (Non- TMA) Corridor Projects	\$16,060,784	\$16,060,784	\$0	\$0	\$0	\$0	\$0	\$0	\$16,060,784	\$16,060,784
3	Non-Traditionally Funded Transportation Project	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Statewide Connectivity Corridor Projects	\$658,016	\$658,016	\$0	\$0	\$0	\$0	\$0	\$0	\$658,016	\$658,016
5	CMAQ	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5 Flex	Map21 Flex	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Structures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Metro Mobility & Rehab	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Safety	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	TASA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Supplemental Transportation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	District Discretionary	\$410,000	\$410,000	\$0	\$0	\$0	\$0	\$0	\$0	\$410,000	\$410,000
12	Strategic Priority	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total		\$20,413,952	\$20,413,952	\$0	\$0	\$0	\$0	\$0	\$0	\$20,413,952	\$20,413,952

Funding Participation Source

Source	FY 2023	FY 2024	FY 2025	FY 2026	Total
Federal	\$16,336,562	\$0	\$0	\$0	\$16,336,562
State	\$4,077,390	\$0	\$0	\$0	\$4,077,390
Local Match	\$0	\$0	\$0	\$0	\$0
CAT 3 - Local Contributions	\$0	\$0	\$0	\$0	\$0
CAT 3 - Prop 12	\$0	\$0	\$0	\$0	\$0
CAT 3 - Prop 14	\$0	\$0	\$0	\$0	\$0
Cat 3- Prop 14 SB	\$0	\$0	\$0	\$0	\$0
CAT 3 - Texas Mobility Fund	\$0	\$0	\$0	\$0	\$0
CAT 3 - Pass Thru Toll Revenue	\$0	\$0	\$0	\$0	\$0
CAT 3 - Regional Toll Revenue	\$0	\$0	\$0	\$0	\$0
CAT 3 - Match to Regional Toll Revenue	\$0	\$0	\$0	\$0	\$0
CAT 3 - Unique Federal Program - Tiger II	\$0	\$0	\$0	\$0	\$0
CAT 3 - TDC	\$0	\$0	\$0	\$0	\$0
Other - Section 5306	\$0	\$0	\$0	\$0	\$0
Other - Strategy PE Budget	\$0	\$0	\$0	\$0	\$0
Other - Strategy 102 Budget	\$0	\$0	\$0	\$0	\$0
Total	\$20,413,952	\$0	\$0	\$0	\$20,413,952

GROUPED CSJ HIGHWAY PROJECTS

Definition of Grouped Projects for use in the Transportation Improvement Program
Revised August 4, 2015

Proposed CSJ	Grouped Project Category	Definition
5000-00-950	PE – Preliminary Engineering	Preliminary Engineering for any project except added capacity projects in a nonattainment area. Includes activities which do not involve or lead directly to construction, such as planning and research activities; grants for training; engineering to define the elements of a proposed action or alternatives so that social, economic, and environmental effects can be assessed.
5000-00-951	Right of Way Acquisition	Right of Way acquisition for any project except added capacity projects in a nonattainment area. Includes relocation assistance, hardship acquisition and protective buying.
5000-00-952 5000-00-957 5000-00-958	Preventative Maintenance and Rehabilitation	Projects to include pavement repair to preserve existing pavement so that it may achieve its designed loading. Includes seal coats, overlays, resurfacing, restoration and rehabilitation done with existing ROW. Also includes modernization of a highway by reconstruction, adding shoulders or adding auxiliary lanes (e.g., parking, weaving, turning, climbing, non-added capacity) or drainage improvements associated with rehabilitation.
500-00-953	Bridge Replacement and Rehabilitation	Projects to replace and/or rehabilitate functionally obsolete or structurally deficient bridges.
5000-00-954	Railroad Grade Separations	Projects to construct or replace existing highway-railroad grade crossings and to rehabilitate and/or replace deficient railroad underpasses, resulting in no added capacity
5800-00-950	Safety	Projects to include the construction or replacement/rehabilitation of guard rails, median barriers, crash cushions, pavement markings, skid treatments, medians, lighting improvements, highway signs, curb ramps, railroad/highway crossing warning devices, fencing, intersection improvements (e.g., turn lanes), signalization projects and interchange modifications. Also includes projects funded via the Federal Hazard Elimination Program, Federal Railroad Signal Safety Program, or Access Managements projects, except those that result in added capacity.
5000-00-956	Landscaping	Project consisting of typical right-of-way landscape development, establishment and aesthetic improvements to include any associated erosion control and environmental mitigation activities.
5800-00-915	Intelligent Transportation Systems Deployment	Highway traffic operation improvement projects including the installation of ramp metering control devices, variable message signs, traffic monitoring equipment and projects in the Federal ITS/IVHS programs.
5000-00-916	Bicycle and Pedestrian	Construction or rehabilitation of bicycle and pedestrian lanes, paths and facilities.
5000-00-917	Safety Rest Areas and Truck Weigh Stations	Construction and improvement of rest areas, and truck weigh stations.
5000-00-918	Transit Improvements	Projects include the construction and improvement of small passenger shelters and information kiosks. Also includes the construction and improvement of rail storage/maintenance facilities bus transfer facilities where minor amounts of additional land are required and there is not a substantial increase in the number of users. Also includes transit operating assistance, acquisition of third-party transit services, and transit marketing, and mobility management/coordination.

San Angelo Metropolitan Planning Organization
Transportation Improvement Program FY 2023-2026

San Angelo Metropolitan Planning Organization FY 2023-2026 Transportation Improvement Program Grouped CSJ Highway Projects FY 2023 For Information Purposes Only								
DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST	
San Angelo	Tom Green	2574-01-051	RM 581	C	San Angelo	TxDOT	\$1,500,000	
PROJECT:						REV DATE:		
LIMITS FROM:						MPO PROJ. #:		
LIMITS TO:						FUND CAT(S):		
DESCRIPTION:								
REMARKS:						PROJECT HISTORY:		
TOTAL PROJECT COST INFORMATION				AUTHORIZED FUNDING BY CATEGORY/SHARE				
PRE.ENG.	\$0	COST OF APPROVED PHASES	FEDERAL	STATE	LOCAL	OTHER	TOTAL	
ROW PURCHASE:	\$0		CAT: 1	\$1,200,000	\$300,000	\$0	\$0	\$1,500,000
CONST COST:	\$1,500,000		CAT:	\$0	\$0	\$0	\$0	\$0
CONST ENG:	\$0		CAT:	\$0	\$0	\$0	\$0	\$0
CONTINGENCIES:	\$0		CAT:	\$0	\$0	\$0	\$0	\$0
INDIRECT COSTS:	\$0	\$1,500,000	TOTAL:	\$1,200,000	\$300,000	\$0	\$0	\$1,500,000
BOND FINANCING:	\$0		Additional Remarks:					
TOTAL COST	\$1,500,000							

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST	
PROJECT:						REV DATE:		
LIMITS FROM:						MPO PROJ. #:		
LIMITS TO:						FUND CAT(S):		
DESCRIPTION:								
REMARKS:						PROJECT HISTORY:		
TOTAL PROJECT COST INFORMATION				AUTHORIZED FUNDING BY CATEGORY/SHARE				
PRE.ENG.	\$ -	COST OF APPROVED PHASES	FEDERAL	STATE	LOCAL	OTHER	TOTAL	
ROW PURCHASE:	\$ -		CAT:	\$0	\$0	\$0	\$0	\$0
CONST COST:	\$ -		CAT:	\$0	\$0	\$0	\$0	\$0
CONST ENG:	\$ -		CAT:	\$0	\$0	\$0	\$0	\$0
CONTINGENCIES:	\$ -		TOTAL:	\$0	\$0	\$0	\$0	\$0
INDIRECT COSTS:	\$ -	\$0	Additional Remarks:					
BOND FINANCING:	\$ -							
TOTAL COST	\$ -							

San Angelo Metropolitan Planning Organization
Transportation Improvement Program FY 2023-2026

**San Angelo Metropolitan Planning Organization
FY 2023-2026 Transportation Improvement Program
Highway Financial Summary Grouped CSJ - Year of Expenditure Costs
2023-2026 STIP**

Funding by Category

Current as of 10-02-19

		FY 2023	FY 2024	FY 2025	FY 2026	Total
Category	Description	Programmed	Programmed	Programmed	Programmed	Programmed
1	Preventive Maintenance and Rehabilitation	\$1,500,000	\$0	\$0	\$0	\$1,500,000
2	Metropolitan Area Corridor Projects	\$0	\$0	\$0	\$0	\$0
3	Urban Area Corridor Projects	\$0	\$0	\$0	\$0	\$0
4	Statewide Connectivity Corridor Projects	\$0	\$0	\$0	\$0	\$0
5	Congestion Mitigation Air Quality (CMAQ)	\$0	\$0	\$0	\$0	\$0
6	Structures	\$0	\$0	\$0	\$0	\$0
7	Metro Mobility & Rehab	\$0	\$0	\$0	\$0	\$0
8	Safety	\$0	\$0	\$0	\$0	\$0
9	Transportation Enhancements	\$0	\$0	\$0	\$0	\$0
10	Supplemental Transportation Projects	\$0	\$0	\$0	\$0	\$0
11	District Discretionary	\$0	\$0	\$0	\$0	\$0
12	Strategic Priority	\$0	\$0	\$0	\$0	\$0
Other	Prop 12	\$0	\$0	\$0	\$0	\$0
Other	Prop 14	\$0	\$0	\$0	\$0	\$0
Other	Programming Authority (PA)	\$0	\$0	\$0	\$0	\$0
LC	Local Contributions	\$0	\$0	\$0	\$0	\$0
Total		\$1,500,000	\$0	\$0	\$0	\$1,500,000

Funding Participation Source

Source	FY 2023	FY 2024	FY 2025	FY 2026	Total
Federal	\$1,200,000	\$0	\$0	\$0	\$1,200,000
State	\$300,000	\$0	\$0	\$0	\$300,000
Local Contributions	\$0	\$0	\$0	\$0	\$0
Prop 12	\$0	\$0	\$0	\$0	\$0
Prop 14	\$0	\$0	\$0	\$0	\$0
Other (Insert Entity Name)	\$0	\$0	\$0	\$0	\$0
Other (Insert Entity Name)	\$0	\$0	\$0	\$0	\$0
Total	\$1,500,000	\$0	\$0	\$0	\$1,500,000

NOTE WORTHY PROJECTS

Projects from Previous TIP

Project Name	CSJ #	Limits From	Limits To	Status	Total Cost
FM 2105 Restoration	2410-01-011	US 87	US 277	Completed	\$6,920,000
Chadbourne Street Pedestrian Improvement	0907-24-048	E 12th Street	E 18th Street	Completed	\$2,613,780
FM 388 Roadway Widening Project	2284-01-028	Bell Street	South Loop 306	Completed	\$2,261,709
US 67 Extension Project	0158-02-087	Paulann Boulevard Extension	Howard College	Under Construction	\$200,000
US 87 Interchange Construction Project	0158-02-088	At Paulann Boulevard	At Paulann Boulevard	Under Construction	\$1,236,322
Tractor Trail Interchange Project	0158-02-084	At Tractor Trail	At Tractor Trail	Under Construction	\$9,740,000
Structure Rehab	0069-07-109	Over Concho River	Over Concho River	Completed	\$300,000.00
Grand Canal Rd.	0159-01-042	US 87	0.4 miles South of US 87	Completed	\$277,844

APPENDICES

San Angelo Metropolitan Planning Organization
Transportation Improvement Program FY 2023-2026

**METROPOLITAN PLANNING ORGANIZATION AND TEXAS DEPARTMENT OF TRANSPORTATION
SELF-CERTIFICATION**

In accordance with 23 CFR Part 450.336, the Texas Department of Transportation and the San Angelo Metropolitan Planning Organization for the [FILL IN THE BLANK] Urbanized Area, hereby certify that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

- (1) 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR 450 subpart C;
- (2) In nonattainment and maintenance areas, sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR part 93;
- (3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- (4) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- (5) Section 1101(b) of the FAST Act (Pub. L. 114-357) and 49CFR part 26 regarding the involvement of Disadvantaged Business Enterprises in US DOT-funded projects;
- (6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- (7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and (49 CFR Parts 27, 37, and 38);
- (8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- (9) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- (10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

SAN ANGELO
District
Texas Department of Transportation
[Signature]
District Engineer
8/24/2022
Date

[Signature]
Metropolitan Planning Organization
Policy Board Chairperson
Brenda Gunter
Chairperson
8/24/2022
Date

City of San Angelo Grouped HSIP funded projects

0907-24-053	Sunset @ Southwest	HSIP	\$130,941	Feb-23	Sunset	Improve Traffic Signal
0077-09-011	Sherwood @ Arden	HSIP	\$483,465	Apr-23	BU 67	Improve Traffic Signal and Ped Signal
2284-01-032	FM 388 @ Chadbourne	HSIP	\$460,046	Apr-24	FM 388	Improve Traffic Signal and Ped Signal
0069-07-111	US 87 at West 29th Street	HSIP	\$473,815	Apr-25	US 87	Improve Traffic Signal
0070-02-098	US 87 at Knickerbocker	HSIP	\$542,309	Apr-25	US 87	Improve Traffic Signal
0069-07-112	US 87 at 19th Street	HSIP	\$223,236	Apr-25	US 87	Improve Traffic Signal
Total Approved Funding			\$2,313,812			

ACRONYMS

ACP	Asphalt-Concrete-Pavement
ADA	Americans with Disabilities Act
ARRA	American Recovery and Reinvestment Act
BU	Business
C	Construction
CAC	Citizen Advisory Committee
CAT	Category
CMAQ	Congestion and Mitigation Air Quality
CSJ	Control Section Job Number
E	Engineering
FAST	Fixing America's Surface Transportation Act: Amended the National Highway Performance Program (NHPP)
FHWA	Federal Highway Administration
FM	Farm to Market
FTA	Federal Transit Administration
JARC	Job Access Reverse Commute
LCL	Local
MPO	Metropolitan Planning Organization
MTP	Metropolitan Transportation Plan
NHS	National Highway System
PPP	Public Participation Plan
PROJ ID	Project identification number
ROW	Right of Way
RM	Ranch to Market
RVN	Revision Date
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Act: A Legacy for Users
SA-MPO	San Angelo Metropolitan Planning Organization
STP	Surface Transportation Program
STS	Specialized Transportation System
T	Transfer
TEA-21	Transportation Equity Act for the Twenty-First Century
TDC	Transportation Development Credit
TIP	Transportation Improvement Program
TxDOT	Texas Department of Transportation
UPWP	Unified Planning Work Program

GLOSSARY

Highway Funding Categories

- Preventive Maintenance & Rehabilitation
- Metro Corridor Projects
- Urban Corridor Projects
- Statewide Connectivity Corridor Projects
- Congestion Mitigation and Air Quality Improvement Program
- Structures Replacement and Rehabilitation
- Surface Transportation Program – Metropolitan Mobility
- Safety
- Transportation Enhancements
- Miscellaneous Transportation
- District Discretionary
- Strategic Priority

Transit Funding Categories

- **FTA Section 5307** - Mass transit apportionment to urbanized areas based on population, population density and operating performance. The department has authority over the distribution of funds to urbanized areas with a population of less than 200,000. TxDOT will limit annual project allocations to stay within the apportionment furnished by FTA.
- **FTA Section 5309** - Mass transit discretionary funds for capital projects only. The presence of an identifier number in the project description indicates the transit agency has received the funds requested. Otherwise, the numbers shown in each fiscal year simply reflect needs as perceived by the requesting agencies and operators. Funding for the following programs is constrained to the Federal Transit Administration's published estimates of future funding levels.
- **FTA Section 5310** - Provides federal funds to public and private nonprofit entities for the transportation of elderly individuals and/or individuals with disabilities. Grants are for capital equipment, preventive maintenance and purchase of service only.
- **FTA Section 5311** - Provides funds for Rural Transit Programs. Thirty-nine entities blanketing the state provide service in the non-urbanized areas.
- **FTA Section 5316** - Funds projects that provide work transportation or transportation to support services such as training, job search, and childcare.
- **FTA Section 5317** - Provides funds for projects that provide new public transportation services and public transportation alternatives beyond those currently required by the Americans with Disabilities Act. TxDOT is responsible for ensuring consistency between the preparation of FTA-mandated coordinated, regional, public transit-human service plans and applicable metropolitan or statewide transportation planning processes outlined in 23 CFR 450.306(g).
- **FTA Section 5339** Provides funding to states and transit agencies through a statutory formula to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities.

The San Angelo Metropolitan Planning Organization is not eligible for all of the funding sources.

TRANSPORTATION IMPROVEMENT PROGRAM CONTENT

The TIP/STIP includes the federally funded highway and transit projects funded under Title 23 USC, Title 49 USC, and modal projects with phases or components funded under those titles or with state or local funds. Regionally significant projects funded with non-federal funds (e.g., state or local) are included in the TIP/STIP for planning, coordination, and public disclosure purposes.

Projects that are not considered by the department and MPO to be of appropriate scale for individual identification in a given program year (e.g., minor rehabilitation, preventive maintenance, non-urbanized transit projects) may be grouped by function, geographic area, or work type.

In nonattainment and maintenance areas, classification must be consistent with the exempt project classifications contained in the Environmental Protection Agency (EPA) conformity regulations. Some types of projects may be excluded from an MPO TIP and the STIP by agreement between the department and the MPO in accordance with requirements established in TAC 16.101(d).

Those projects include:

- Safety projects funded under 23 USC (highway safety programs) and emergency relief projects, except those involving substantial functional, location, and capacity changes
- Planning and research activities, except those activities funded with National Highway Performance Program or Surface Transportation Program funds other than those used for major investment studies
- Projects funded under 23 USC that are for resurfacing, restoration, rehabilitation, reconstruction, or highway safety improvement, and which will not alter the functional traffic capacity or capability of the facility being improved.

FAST Act Requirements

Integration of Performance Measures into the San Angelo MPO FY 2023-2026 Transportation Improvement Program

Introduction

What started as the Moving Ahead for Progress in the 21st Century (MAP-21) Act and then was continued with Fixing America's Surface Transportation (FAST) Act, the State DOT's and Metropolitan Planning Organizations (MPOs) are required to move toward a performance-based planning process with an emphasis on project selection based on specific planning factors. For selection of projects in a fiscally constrained Project List:

- Highway Safety: Five-year average of auto related fatal and serious injury crashes within the project limits
- Bicycle and Pedestrian Safety: Five-year average of bicycle and pedestrian related fatal and serious injury crashes within the project limits
- Congestion: Modeled Annual Travel Time Reliability to reduce hours of delay/mile
- Mobility: Bicycle and pedestrian level-of-service and accessibility

Safety

Under MAP-21 States are required to set annual safety performance targets. The annual measures States set targets include:

- Number of fatalities in motor vehicle crashes during the calendar year
- Rate of fatalities per 100 million vehicle miles traveled (VMT) in a calendar year
- Number of serious injuries in motor vehicle crashes during the calendar year
- Rate of serious injuries per 100 million VMT in the calendar year
- Number of non-motorized fatalities and number of non-motorized serious injuries combined involving a motor vehicle in the calendar year

The Texas Department of Transportation established the statewide targets to support the Strategic Highway Safety Plan (SHSP) and the Highway Safety Improvement Program (HSIP). Once the State of Texas set their safety targets, MPOs within Texas were required to either adopt the Texas targets or set their own that would assist in the achievement of the statewide target set. The San Angelo MPO chose to adopt the state targets. These statewide targets are:

Performance Measure	2022 Statewide Target (Expressed as Five-Year)
Total number of traffic related fatalities on all public roads	3,563
Rate of traffic related fatalities on all public roads per 100 million VMT	1.27
Total number of traffic related serious injuries on all public roads	16,677
Rate of traffic related serious injuries on all public roads per 100 million VMT	5.76
Total number of non-motorized fatalities and serious injuries on all public roads	2,367

PTASP Safety Performance for Concho Valley Transit

The PTASP Final Rule, 49 CFR Part 673.11(a)(3), requires that all public transportation providers must develop an Agency Safety Plan to include safety performance targets (SPTs) based on the safety performance measures established under the National Public Transportation Safety Plan (NSP). The safety performance measures outlined in the NSP were developed to ensure that the measures can be applied to all modes of public transportation and are based on data currently being submitted to the National Transit Database. The safety performance measures included in the NSP are fatalities, injuries, safety events, and system reliability (State of Good Repair as developed and tracked in the TAM Plan). As per the current PTASP, Concho Valley Transit has met the following STPs in the 2021 Calendar Year:

The FY 2023-2026 programmed a total of \$16,343,543 (federal and local match) for transit projects. Programmed funding includes: \$8,860,102 in FTA 5307 formula funding to be used for assistance of Concho Valley Transit bus operations-- and maintenance; \$1,094,170 in FTA 5339 formula funding to be used for replacing heavy-duty buses and paratransit vans, and bus facility improvements; \$370,793 in FTA formula 5307 funds and \$92,699 local funds for capital investments to improve mobility for seniors and individuals with disabilities by removing barriers to transportation service and expanding mobility options which include projects to improve safety and access for the public transportation users by purchasing and having installed additional bus stops and shelters throughout the city. These shelters have been and will continue improving the quality of life for those accessing public transportation as well as the health and accessibility of those users especially during the tormenting heat of the summer and bitter cold of winter.

Concho Valley Transit Safety Targets are based on a five-year rolling average. Targets have been established for FY 2022 and FY 2023 based on previous historic data. The next baseline will be established once another three years-worth of data has been collected. Below are their published and expressed targets.

TABLE 6: FIXED ROUTE (BUS) SAFETY PERFORMANCE TARGETS

Mode	Baseline	Target
Fatalities	0	0
Rate of Fatalities*	0	0
Injuries	0	0
Rate of Injuries*	0	0
Safety Events	1.5	1.5
Rate of Safety Events*	0.0000048	0.0000048
Mean Distance Between Major Mechanical Failure	27,446	27,446

*rate = total number for the year/total revenue vehicle miles traveled

TABLE 7: DEMAND RESPONSE SAFETY PERFORMANCE TARGETS

Mode	Baseline	Target
Fatalities	0	0
Rate of Fatalities*	0	0
Injuries	0	0
Rate of Injuries*	0	0
Safety Events	3	3
Rate of Safety Events*	0.0000075	0.0000075
System Reliability	36,377	36,377
Other	N/A	N/A

*rate = total number for the year/total revenue vehicle miles traveled

Transit Asset Management

As part of the FAST Act, performance measures were incorporated for transit agencies, primarily through the Transit Asset Management (TAM) assessment and planning requirements. The Concho Valley Transit District (CVTD) TAM plan was developed to meet that requirement. All assets owned by CVTD were assessed using the Federal Transit Administration (FTA) Transit Economic Requirements Model (TERM) which rates the vehicles on a 1 to 5 scale:

- 1=Poor The asset is damaged, in need of immediate repair or well past useful life.
- 2=Marginal The asset is defective or deteriorate in need of replacement or past useful life
- 3=Adequate Moderately deteriorated but has not exceeded useful life
- 4=Good Good condition, not new, but functional and within useful life standards
- 5=Excellent No visible defects, new or near new condition

An asset is deemed to be in good repair if it has a rating of 3,4 or 5 using the above scale. Likewise for the facility and other infrastructure such as bus stops and shelters. As a result of this assessment and evaluation the following projects have been adopted:

Revenue Vehicles

1. Replacement of four fixed route busses with buses of a life expectancy of 5 years or more
2. Replace six demand response busses with busses of a life expectancy of 5 years or more

Non-Revenue Vehicles

1. All non-revenue vehicles are near new condition with exception of one that was damaged when hit from behind. This vehicle will be replaced, all others will remain in service.

Facilities

1. Facilities were graded as in Good condition and will remain in service.
2. New bus stop shelters will be ordered and erected on sites around the city for the betterment of service, convenience, safety and health of transit users.

By rule TIPs amended or updated on or after 10-1-2018 must meet the PBPP planning requirements for FTA's Transit Asset Management Final Rule. As such, in making amendments to the FY 2023-2026 TIP, the entire TIP must be reviewed, and a narrative developed showing how projects included in the San Angelo MPO TIP help achieve safety, bridge, pavement and travel time reliability targets as well as TAM Plan requirements.

Roadway System Performance Targets

Under the FAST Act, States are required to set targets for Roadway System Performance. Specifically Interstate Reliability, Non-Interstate System Reliability and Truck Travel Time Reliability on the Highway System. The state of Texas established Bridge Deck Condition on the National Highway System targets in October of 2018. The San Angelo MPO chose to adopt the State's new targets and in that decision assist with the state-wide accomplishment of those targets. Those targets are:

Performance Measures		2018		2020
		2-Year Target	4-Year Target	Adjusted 4-Year Target
PM2 (Pavement and Bridge Condition)	Percentage of Pavements of the Interstate System in Good Condition		66.4%	66.5%
	Percentage of Pavements of the Interstate System in Poor Condition		0.3%	0.2%
	Percentage of Pavements of the Non-Interstate NHS in Good Condition	52.0%	52.3%	54.1%
	Percentage of Pavements of the Non-Interstate NHS in Poor Condition	14.3%	14.3%	14.2%
	Percentage of NHS Bridges Classified as in Good Condition	50.6%	50.4%	No Change
	Percentage of NHS Bridges Classified as in Poor Condition	0.8%	0.8%	1.5%

Per federal requirements, the state of Texas and MPOs are also required to set Interstate and Non-Interstate National Highway System Pavement Condition Targets. Since the San Angelo MPO is not served by an interstate, the MPO chose to adopt very conservative targets very closely aligned with the State targets for non-interstate National Highway System. We have evaluated the provided condition data for our planning area in detail. See Targets in chart above.

The State and MPOs are required to set Travel Time Reliability targets as part of this Performance Base Planning Process as well. As a result, the San Angelo MPO chose to support the State targets and support with the following data and target adoption:

Performance Measures		2018		2020
		2-Year Target	4-Year Target	Adjusted 4-Year Target
PM3 (NHS, Freight and CMAQ)	Percent of the Person-Miles Traveled on the Interstate That Are Reliable	61.2%	56.6%	70.0%
	Percent of the Person-Miles Traveled on the Non-Interstate NHS That Are Reliable		55.0%	70.0%
	Truck Travel Time Reliability (TTTR) Index	1.70	1.79	1.76
	Annual Hours of Peak Hour Excessive Delay Per Capita: Dallas-Fort Worth		15.0%	No Change
	Annual Hours of Peak Hour Excessive Delay Per Capita: Houston		16.0%	14.0%
	Percent of Non-Single Occupancy Vehicle (Non-SOV) Travel: Dallas-Fort Worth	19.9%	20.2%	No Change
	Percent of Non-Single Occupancy Vehicle (Non-SOV) Travel: Houston	19.7%	19.5%	20.0%
	Total Emission Reductions: NOx (kg/day)	4312.390	6945.980	8833.027
	Total Emission Reductions: VOC (kg/day)	768.970	1280.210	2048.624
	Total Emission Reductions: PM10 (kg/day)	4.733	13.707	21.963
	Total Emission Reductions: CO (kg/day)	434.931	891.111	841.615

The FY 2023-2026 San Angelo Transportation Improvement Program Analysis

The San Angelo MPO Staff and Technical Advisory Committee have reviewed the projects in the TIP for compliance with the four performance measures of Safety, Bridge Deck Condition, Non-Interstate National Highway System Pavement Condition and Travel Time Reliability. In addition, the TIP and any amendments to the TIP were reviewed to determine their relevance to the Transit Asset Management Plan developed for the Concho Valley Transit District.

Because the 2045 Metropolitan Transportation Plan includes criteria based on safety, the projects included in the TIP have significant impact on improving safety, fully supporting the State's safety target goals. These projects include:

- SL 378 between FM1223 and US 87 which will widen and provide a center turn lane with and ACP overlay so that personnel traffic using this roadway to get to and from the base will more safely and cooperatively merge with the increasing volume of large trucks in this expanding industrial area.
- A grouped project providing connectivity and safety for pedestrians by providing more hard surface sidewalk pedestrian pathways on RM 581 between US 87 and Lake Nasworthy.

State Bridge Condition target goals projects:

- Bridge condition issues within the Planning Area include one bridge on Oak Street over the Concho River determined to be weight limited due to minor structure support issues. In support of the State's Targets on Bridge Condition, A project to support Bridge Condition for the San Angelo Planning area include repair of this bridge structure. The City and TxDOT have agreed to a process and funding has been secured. A project CSJ 0907-00-026 will be developed and introduced into the FY 2023-2026 TIP for a project letting in FY 2023.
- Repairs of a recent Bridge Strike over Main Street on Loop 306. This project will be introduced into the FY 2023-2026 TIP as soon as a CSJ has been issued and the opportunity for an amendment comes up.

Pavement Condition State Targets projects:

- Resurfacing of US-87 from US-277 on the South end of the City to FM 1223 on the Southeast end of the city to improve pavement condition and maintain the resiliency of the roadway.
- SL 378 between FM1223 and US 87 which will widen and provide a center turn lane with and ACP overlay so that personnel traffic using this roadway to get to and from the base will more safely and cooperatively merge with the increasing volume of large trucks in this expanding industrial area. While this is listed as a Safety Project it will also be a project to improve the condition of the old and deteriorating road surface in a heavily traveled industrial area of the city.

Travel Time Reliability Targets projects:

- SL 378 between FM1223 and US 87 which will widen and provide a center turn lane with and ACP overlay so that personnel traffic using this roadway to get to and from the base will more safely and cooperatively merge with the increasing volume of large trucks in this expanding industrial area. This roadway is heavily traveled by individuals and commercial vehicles accessing Goodfellow AFB. When combined with the heavy industrial traffic in this area it can become a choke point and delay for all traffic using it as there are not many other options and those are more miles traveled, contributing to additional wear to those roadways and possibly more emission contributions instead of a reduction. This expansion from two lanes to four lanes and a turning lane will contribute toward even better travel time reliability for the planning area.

HISTORY OF AMENDMENTS/REVISIONS