# 2024 UPDATE

# LAND USE ASSUMPTIONS TECHNICAL REPORT

The review, evaluation, and update of underlying land use assumptions is required by Chapter 395 of the Texas Local Government Code to ensure reasonable future growth and acts as the basis of the City of El Paso's water and wastewater capital improvement plans, thus resulting in impact fee calculations. This report updates the land use assumptions adopted by the El Paso City Council on February 18, 2014, which serve as the foundation for the current water and wastewater impact fees levied on new development in each of the three identified service areas.

## Introduction

Texas Local Government Code Chapter 395 permits the use of impact fees to finance capital improvement and facility expansion costs attributable to projected new development within identified service areas located in the corporate boundaries or extraterritorial jurisdiction of a political subdivision. To determine the costs of providing such infrastructure accurately, a planning study known as a Land Use Assumptions (LUA) report is assembled to include a description of changes in land uses, densities, intensities, and population projected within each of these service areas over a 10-year period, as well as at full build-out. The LUA report is referenced in the development of a Capital Improvements Plan (CIP) and the adoption of an impact fee ordinance.

To ensure reasonable future growth estimates serve as the basis for expected capital improvements and facility expansions necessitated by new development and the resulting impact fee calculations, the review, evaluation and update of the underlying LUA and CIP is required at least every five years. Following preparation of this update, the political subdivision's governing body (City Council) is required to hold a public hearing for the purpose of reviewing and determining whether amendments to the LUA, CIP, or the adopted impact fees are necessary.

This report, prepared by the City of El Paso's Planning and Inspections Department (P&I), in partnership with El Paso Water (EPW), is intended to fulfill the requirements of Chapter 395 of the Local Government Code with respect to the periodic review and update of the LUA report. Specifically, this report reassesses the land use assumptions adopted by the El Paso City Council on February 18, 2014. The assumptions adopted on that date comprise the first update of the original assumptions, adopted on March 24, 2009; this report comprises the second update.

In addition to providing information about projected land use characteristics within the three established service areas (Eastside, Northeast, and Westside Water and Sewer Impact Fee Service Areas), this report estimates the total number of projected service units, or standardized measurement of consumption, necessitated by new development, and also provides a snapshot forecast of demand for water and wastewater system improvements or expansion by the year 2033. While a number of unforeseeable future events may affect these predictions, the estimates in this report are based on the best information that is currently available.

## Elements of the Land Use Assumptions Report Update

The body of this report is divided into five sections:

*Impact Fee Service Areas:* An explanation and description of the water and wastewater impact fee service areas.

*Methodology:* An explanation of the general methodology used to prepare and update the land use assumptions.

*Full Build-Out Projection:* Population and service unit holding capacity of land located within the impact fee service areas.

*Ten-Year Growth Projection:* Population and service unit growth assumptions for the period between 2024 and 2033.

*Summary:* A brief summation of the land use assumptions report 2024 update.

### Impact Fee Service Areas

Per state law, one or more service areas must be identified and used in all impact fee analyses to ensure that planned capital improvements and facility expansions, as well as the resulting fee structure, are commensurate with projected proximate demand. A service area may include all or part of the land located within the corporate boundaries of the political subdivision or its extraterritorial jurisdiction (ETJ). Currently, City of El Paso water and wastewater impact fees are levied on three specific service areas within the City's corporate boundary and the ETJ; these areas are referred to as the Northeast, Westside, and Eastside Water and Sewer Impact Fee Service Areas. See Figure 1 for a map delineating the location of the three service areas.

Each service area includes portions or all of the sub-service areas defined in the City of El Paso's Final Annexation Assessment and Strategy Report, completed in the fall of 2008, as well as other areas identified within the Water and Wastewater Impact Fees – Report Addendum, completed in March 2009. See Table 1 for an overview of size and existing intensity characteristics within the three impact fee service areas and the nineteen (19) sub-service areas included in this edition of the report.

In total, the three service areas currently encompass 40,095 acres of land, with nearly two-thirds of the total acreage within the El Paso city limits, while the remaining portion lies within the City's ETJ. The Northeast Service Area is the largest of the three, comprising approximately 47 percent (19,096 acres) of the composite acreage, while the Eastside Service Area currently constitutes nearly 30 percent (12,012 acres) and the Westside Service Area approximately 23 percent (8,987 acres). Each of these areas is likely to be developed, at least partially, within the next ten years.

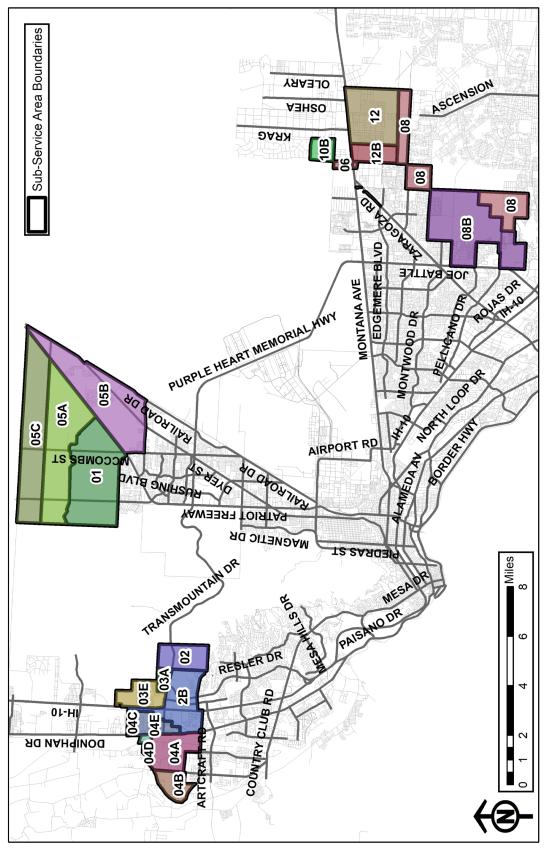


Figure 1. City of El Paso Water and Sewer Impact Fee Service Area

Table 1 provides a snapshot of existing development intensity within the impact fee service areas and subservice areas. For the purposes of this report, development intensity is defined as the proportion of acreage within each impact fee service area built upon and zoned to a residential, commercial or industrial district. With respect to current development intensity, approximately 33% of the impact fee composite area is presently developed, representing approximately 13,128 acres.

Service Area	Total Acreage	Developed Acreage	% Acreage Developed
Northeast Impact Fee Service	Area		
01 Northeast MP	4,835	610.1	13%
05A Northwest Fort Bliss A	4,812	574.4	12%
05B Northwest Fort Bliss B	4,929	2,153.8	44%
05C Northwest Fort Bliss C	4,520	965.9	21%
Northeast Subtotal	19,096	4,304	23%
Westside Impact Fee Service	Area		
02 Westside MP	1,589	91.0	6%
03A Northwest Vinton A	294	38.7	13%
03E I-10375 MP	1,132	668.4	59%
04A Northwest Artcraft A	1,639	314.5	19%
04B Northwest Artcraft B	807	221.7	27%
04C Northwest Artcraft C	159	130.0	82%
04D Northwest Artcraft D	218	157.0	72%
04E Canutillo	801	705.0	88%
2B (Other)	2,348	1,845.4	79%
Westside Subtotal	8,987	4,172	46%
Eastside Impact Fee Service A	Area		
08B Eastside	4,826	1,165.6	24%
12 South Montana	2,919	1,695.9	58%
12B South Montana B	785	357.4	46%
06 South Fort Bliss	118	1.9	2%
08 East Battle	2,826	1,409.7	50%
10B South Fort Bliss B	538	21.2	4%
Eastside Subtotal	12,012	4,652	39%
Total	40,095	13,128	33%

Table 1. Impact Fee Service Area 2023 Existing Characteristics

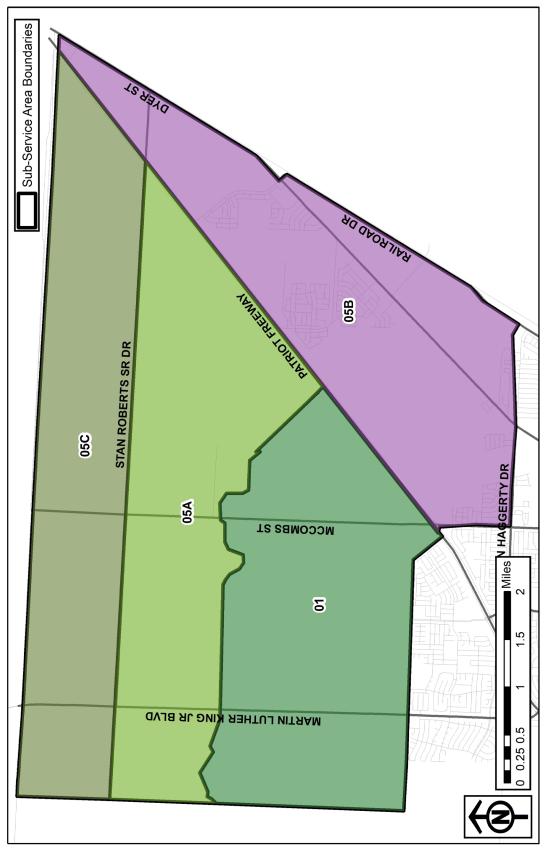


Figure 2. Northeast Water and Sewer Impact Fee Service Area

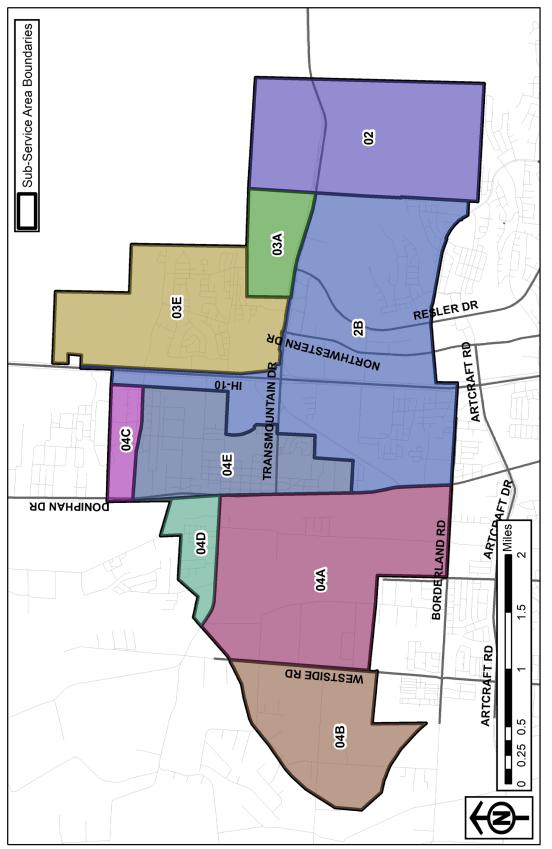


Figure 3. Westside Water and Sewer Impact Fee Service Area

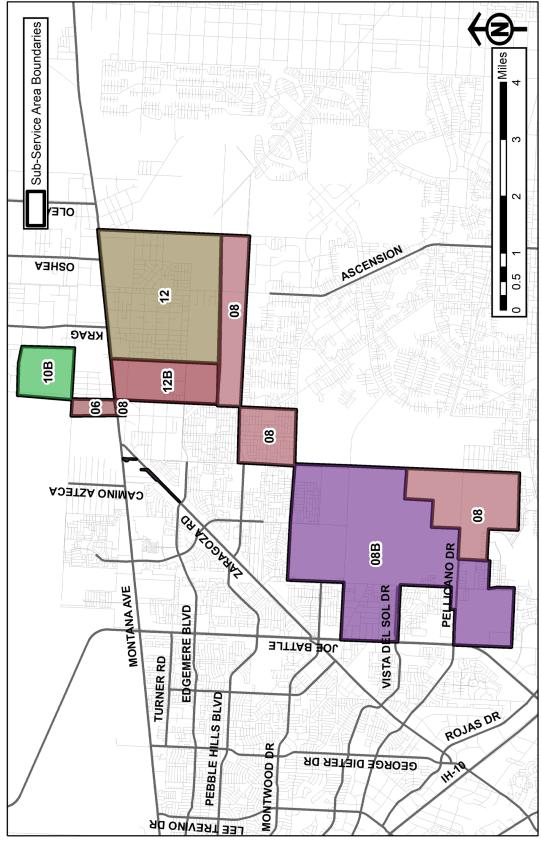


Figure 4. Eastside Water and Sewer Impact Fee Service Area

## Methodology

The City of El Paso's existing water and wastewater fee structure is based on a series of growth assumptions which have in turn been used to inform expected capital improvement and facility expansion needs. The updated land use assumptions and associated population and service unit projections contained in this report are formulated based on consideration and incorporation of the following development patterns:

- Current development trends and characteristics;
- Zoning patterns in place and in process;
- Known or anticipated subdivision of land;
- Historic and anticipated growth trends;
- Expected future land use envisioned by *Plan El Paso*;
- Existing master plans

#### Land Use Assumption Update

Update of the 2014 growth projections began with the development of a database summarizing expected land use acreage at full build-out within each of the nineteen sub-service areas. Assembly of the database included analysis of the City's current zoning map and aerial photography. Zoning cases and subdivision plats in progress provided further information about near future development trends, as did surrounding development densities and types. Additionally, several approved master plans, including land studies and master zoning plans were used in determining the allocation of land use types. Developments were analyzed in each of the three impact fee service areas, including the Northeast (Campo Del Sol and Vista Del Norte Estates), Westside (Cimarron and Enchanted Hills developments), and in the Eastside (Gateway Estates and Tierra Del Este Phases IV, V, and VI).

Consistent with previous analyses, acreage within the impact fee service areas was allocated to either a non-residential or residential land use. Non-residential land use categories include: commercial, industrial, floodplain, institutional/utilities, open space, transportation, parkland or undeveloped land. Residential land use categories are defined by residential type (i.e. conventional or mixed-use) and associated density. Here, development density refers to the number of service units (either residential or residential equivalents) per acre. The level of density will differ by land use; for example, a high-density residential zone is assumed to accommodate relatively more service units per acre when compared to a low-density residential use. Appendix A provides a series of maps delineating previously adopted land use assumptions, as well as updated land use assumptions within each of the three impact fee areas.

#### Full Build-Out and Ten-Year Growth Projections Update

This expected land use acreage database was then used to update growth assumptions for two time horizons: a ten-year projection, and a full build-out projection. Development of these scenarios involved the estimation of population and service unit figures, two variables intended to provide information regarding demand for water and wastewater services in the impact fee service areas. A service unit is defined as a standardized measure of consumption attributable to an individual unit of development, while population is defined as the number of residents located within an impact fee service area.

#### Full Build-Out Projection:

The full build-out scenario is intended to provide information about the maximum realistic holding capacity for land within each of the impact fee service areas. It is therefore not tied to a specific time period as a number of external factors, such as economic growth and political events, will ultimately influence development.

Estimation of the full build-out scenario involves the following assumptions:

- For residential land uses, service units per acre are assigned according to the densities provided in Table 2 below. These densities are estimated based on current zoning restrictions, historic trends, and, where applicable, information provided in each of the approved master plans.
- Population per residential service unit is assumed to follow a household size of 2.94 persons per housing unit in El Paso County, as per the Census Quickfacts 2017-2021 estimates. Note that one housing unit is the equivalent of one residential service unit.
- For non-residential land uses, only lands categorized as a commercial or industrial land use type are expected to require water and wastewater services. Based on information provided by the El Paso Water, it is assumed that such land uses will require 7.25 residential equivalent service units per acre.

Land Use Type	Service Units per Acre
Conventional Residential Development	
Low Density	2
Medium Density	4.5
Medium High Density	6
High Density	9
Mixed-Use Development	
Mixed-Use	6
Non-Residential	
Commercial	7.25
Industrial	7.25

#### Table 2. Land Use Density Assumptions

Using the assumptions outlined in Table 2, the holding capacity within each impact fee service area is projected by first applying the non-residential and residential service unit density per acre to total commercial, industrial, and residential land use acreage figures as identified in the land use assumptions database (detailed in Appendices B-C). Land capacity for population is then derived by applying a factor of 2.94 to total residential service units at full build-out in each of the impact fee service areas.

#### Ten-Year Growth Projection

Following the development of the full build-out scenario, service unit and population growth projections for the time period corresponding to 2024-2033 were developed. In accordance with state law, the tenyear projections are intended to provide reasonable estimates of demand for water and wastewater services within the established impact fee service area boundaries over a practical planning period. These estimates are then used to inform potential modifications to the associated ten-year capital improvements plan and, if necessary, revisions to the existing impact fee structure.

In an effort to provide the most practical demand projections possible, growth rate assumptions vary by sub-service area. Estimating growth rates at the sub-service area level allows for the incorporation of several influencing factors, such as proximity to existing development and infrastructure, anticipated development projects, and expected phasing of master planned areas.

In the ten-year growth projections, the previously adopted projections were used as a starting point. Specifically, the 2014-2024 sub-service area projections were compared to existing development and adjusted to factor in the influencing factors outlined above, as well as revisions to land use assumptions summarized in Appendices A-C.

The remainder of this report provides service unit and population projections under the full build-out and ten-year scenarios. Each section includes projections by impact fee service area and by impact fee subservice area. Refer to Appendices B-C for greater detail regarding land use assumptions, associated acreage, and projected service unit and population densities under the full build-out and ten-year scenarios.

## Full Build-Out Projection

Table 3 on the following page summarizes total service unit and population projections by impact fee service area and sub-service area under the full build-out scenario. Given the land use assumptions summarized in this report, the three impact fee service areas are expected to hold 169,528 total service units and 281,107 residents at full capacity.

Service Area	Population at	Sei	rvice Units at Full-Build-C	Dut
Service Area	Build-Out	Residential	Non-Residential	Total
Northeast				
01 Northeast MP	48,334	16,440	2,175	18,615
05A Northwest Fort Bliss A	21,005	7,145	15,247	22,391
05B Northwest Fort Bliss B	41,128	13,989	12,144	26,133
05C Northwest Fort Bliss C	4,009	1,364	15,957	17,321
Northeast Subtotal	114,475	38,937	45,523	84,460
Westside				
02 Westside MP	0	0	0	0
03A Northwest Vinton A	209	71	761	832
03E I-10375 MP	10,333	3,515	1,740	5,255
04A Northwest Artcraft A	16,564	5,634	377	6,011
04B Northwest Artcraft B	9,182	3,123	261	3,384
04C Northwest Artcraft C	1,119	381	225	605
04D Northwest Artcraft D	2,209	752	80	831
04E Canutillo	6,178	2,102	1,240	3,341
02B Other	12,489	4,248	6,815	11,063
Westside Subtotal	58,283	19,824	11,498	31,322
Eastside				
08B Eastside	44,678	15,197	9,229	24,426
12 South Montana	25,225	8,580	2,791	11,371
12B South Montana B	7,722	2,627	1,276	3,903
06 South Fort Bliss	0	0	160	160
08 East Battle	21,803	7,416	3,437	10,853
10B South Fort Bliss B	8,921	3,035	0	3,035
Eastside Subtotal	108,349	36,854	16,893	53,746
lotal	281,107	95,615	73,914	169,528

Table 3. Full Build-Out Projections

## Ten-Year Growth Projection

Table 4 summarizes expected demand in 2033. Census data for 2000, 2010, and 2020 are provided as points of reference. By 2033 development within the composite impact fee service areas is anticipated to reach approximately 59% of total service unit holding capacity.

Control Area		Census		2033 Proj.	2033	2033 Projected Service Units	
Service Alea	2000	2010	2020	Population	Residential	Non-Residential	Total
Northeast							
01 Northeast MP	0	0	13	39,193	13,331	1,740	15,071
05A Northwest Fort Bliss A	0	0	0	9,626	3,274	7,946	11,220
05B Northwest Fort Bliss B	2,199	4,799	10,735	29,162	616'6	6,537	16,456
05C Northwest Fort Bliss C	10	28	37	0	0	7,721	7,721
Northeast Subtotal	2,209	4,827	10,785	77,981	26,524	23,944	50,468
Westside							
02 Westside MP	0	0	0	0	0	0	0
03A Northwest Vinton A	0	0	0	209	12	207	278
03E I-10375 MP	0	0	2,142	9,202	3,130	653	3,783
04A Northwest Artcraft A	299	312	312	2,764	940	68	1,008
04B Northwest Artcraft B	289	251	289	3,014	1,025	81	1,106
04C Northwest Artcraft C	0	0	316	994	338	233	571
04D Northwest Artcraft D	836	1,001	635	2,020	687	80	767
04E Canutillo	3,633	4,760	4,615	8,258	2,809	1,091	3,900
02B Other	1,167	2,149	4,732	10,940	3,721	6,965	10,686
Westside Subtotal	6,224	8,473	13,041	37,400	12,721	9,378	22,099
Eastside							
08B Eastside	13	682	5,736	19,874	6,760	2,684	9,444
12 South Montana	6,766	7,625	7,483	11,457	3,897	2,198	6,095
12B South Montana B	0	7	12	4,933	1,678	809	2,487
06 South Fort Bliss	0	0	0	861	293	0	293
08 East Battle	0	21	1,460	16,420	5,585	2,920	8,505
10B South Fort Bliss B	0	0	0	2,984	1,015	0	1,015
Eastside Subtotal	6,779	8,335	14,691	56,530	19,228	8,611	27,839
Total	15,212	21,635	38,517	116'121	58,473	41,933	100,406

Table 4. Ten-Year Growth Projections

## Summary

Table 5 provides a comparative analysis of the previously approved and updated residential service unit and population estimates under the full build-out scenario. Overall, total projected holding capacity for residential service units and population has remained relatively constant. While there is anticipated to be growth within these service areas, the effects of the COVID-19 pandemic, disruptions in the building supply chain, and current interest rates are impacting and anticipated to continue impacting the building growth over the next few years.

Service Area	Existing Build-Out Es	stimates	Updated Build-Out E	stimates
Service Areu	<b>Residential Service Units</b>	Population	<b>Residential Service Units</b>	Population
Northeast	54,923	168,065	38,937	114,475
Westside	23,659	72,398	19,824	58,283
Eastside	37,753	115,524	36,854	108,349
Total	116,335	355,987	95,615	281,107

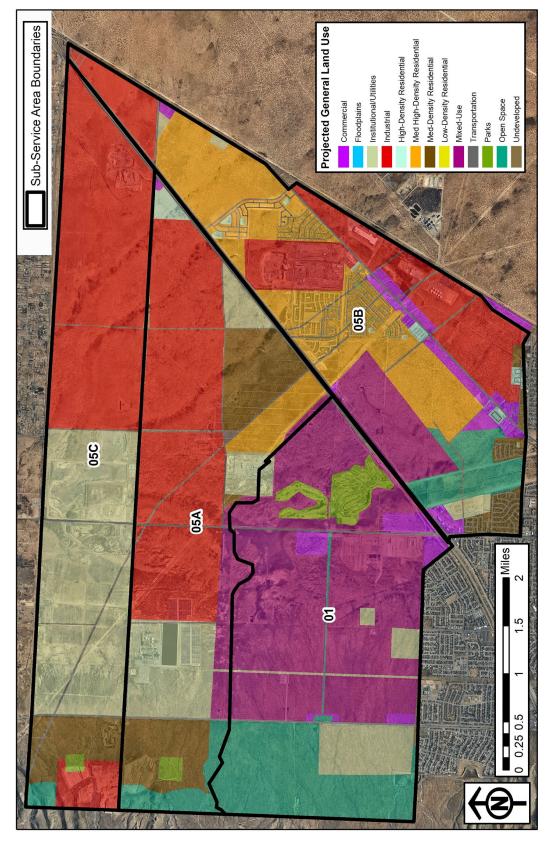
Table 5. Full Build-Out Projections Comparison

Table 6 provides a summary of the total service unit and population projections for both scenarios by impact fee service area. Given the updated land use assumptions, 170,232 total service units are projected at full build-out, while development demand will reach approximately 59% of the total holding capacity by 2033.

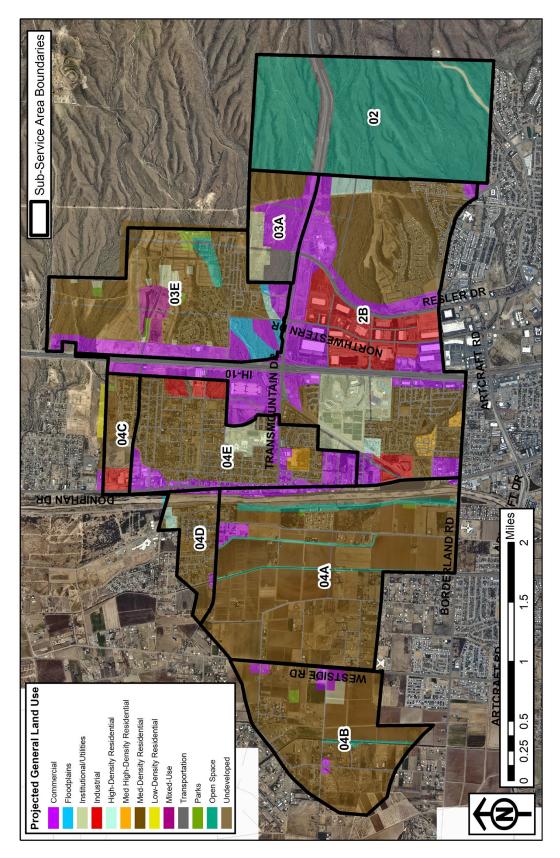
Service Area	Full Build-Out Sce	nario	2033 (Ten-Year) Sc	enario
Service Ared	Total Service Units	Population	Total Service Units	Population
Northeast	84,460	114,475	50,468	77,981
Westside	31,607	58,283	22,099	37,400
Eastside	54,165	108,349	27,839	56,530
Total	170,232	281,107	100,406	171,911



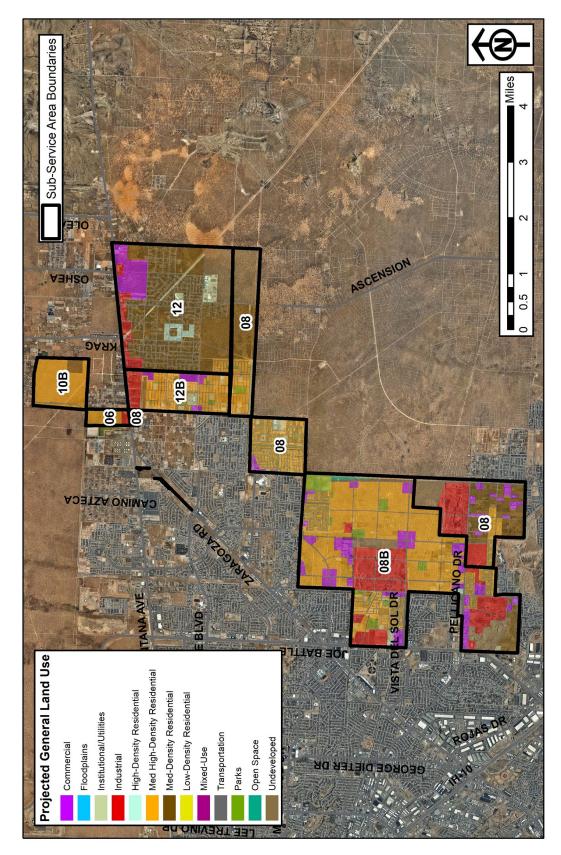
Appendix A Land Use Assumptions Maps



Northeast Projected General Land Use



Westside Projected General Land Use



Eastside Projected General Land Use

## Appendix B Full Build-Out Projections

Service Area		Transnortation Com	Commercia	Industrial	<u>N</u> Darkland	<u>Non-Residential</u> Floodnlain O	<u>tial</u> Onen Snace	nana ang	Inctitutional /114 litiac		<u>Conver</u> Medium	<u>Conventional Residential</u>	<u>ntial</u> h Hich	Tota	<u>Mixed Use</u>
									_				-		
4,	4,835	66	300		255		968	20	453					0	2,740
05A Northwest Fort Bliss A 4,4	4,812	260	S	2,098	38		229		823		775	229	9 51	1,055	304
05B Northwest Fort Bliss B 4,9	4,929	446	304	1,371	6		348		95		172	1,649	9 37	1,858	498
05C Northwest Fort Bliss C 4,	4,520	154		2,201	23		51		1,788		303			303	
19,	19,096	959	609	5,670	325	0	1,596	6 20	3,159		0 1,250	0 1,878	88 88	3,216	3,542
	┡									L				Γ	
	1,589	91					1,483	3	15					0	
03A Northwest Vinton A	294	58	105						52		79			79	
1,	1,132	71	220	20	34	57	50		30		581		6	590	99
04A Northwest Artcraft A 1,	1,639	75	52		4		106	150			1,252			1,252	
04B Northwest Artcraft B	807	38	36		9		17		16		694			694	
04C Northwest Artcraft C	159	15	5	26				16	3	17	17 77			94	
04D Northwest Artcraft D	218	25	11			3		22			147		10	157	
	801	133	141	42				10	49		371		21 34	426	
2,	2,348	315	622	318					200		826		24 43	893	
8,	8,987	821	1,192	406	44	60	1,656	6 198	365	1	17 4,027		45 96	4,185	60
	┡														
4,	4,826	509	471	802	186		23	228	39		167	2,388	8 13	2,568	
2)	2,919	347	247	138				242	121		1,716		38 70	1,824	
.2B South Montana B	785	98	17	66	20				47		25	419	6	444	
	118	3		22							93			93	
2,	2,826	440	166	308	40			370	81		740	681	1	1,421	
10B South Fort Bliss B	538	21									45	472	2	517	
12,	12,012	1,418	961	1,369	246	0		23 840	288 288		0 2,786	3,998	8 83	6,867	0
40.	40.095	3 198	2.762	7.445	615	60	3.275	5 1.058	3.812		17 8.063	3 5.921	1 267	14.268	3.602

Full Build-Out Projections

DRAFT

Intentional         Intentional	<u>Service Area</u>	<u>Build-Out Non-Resid</u> <u>Commercial</u> <u>Institu</u>	Non-Residential Service Units Institutional Indust	ce Units Industrial	Low	<u>Build-Out</u> <u>Medium</u>	Build-Out Conventional Service Units Aedium Medium-High <u>High</u>	<u>ervice Units</u> <u>High</u>	Tota	<u>Mixed Use</u> Mixed Use	<u>Build-Out</u> <u>Residential</u>	<u>Build-Out Non-</u> <u>Residential</u>
	Northeast								0			
3         15,214         15,214         15,214         15,214         15,214         15,214         15,214         15,214         15,214         12,024         12,102         12,026         12,102         2,383         11,001         2,383         11,001         2,383         11,001         2,383         11,001         2,383         11,001         2,383         11,001         2,383         11,001         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         11,020         2,383         2,343         2,326	01 Northeast MP	2,175		•	1	•			0	16,440	16,440	2,175
2,204 $9,940$ $1,9,90$ $2,1,9,90$ $2,1,9,90$ $2,1,2,80$ $2,1,2,80$ $3,8,99$ $1,9,90$ $1,9,90$ $1,9,90$ $1,9,90$ $1,9,90$ $1,9,90$ $2,1,2,80$ $3,8,99$ $1,1,950$ $1,9,90$ $1,9,90$ $1,9,90$ $1,9,90$ $2,1,2,80$ $3,8,99$ $1,1,950$ $1,9,90$ $1,9,90$ $2,1,10$ $1,9,90$ $2,1,2,20$ $3,8,99$ $1,9,90$ $1,9,90$ $1,9,90$ $2,1,10$ $1,9,90$ $2,1,2,20$ $3,90$ $3,90$ $3,90$ $3,90$ $3,90$ $3,90$ $3,90$ $2,900$ $2,1,2,20$ $3,900$ $2,1,02$ $2,1,2,20$ $2,1,2,20$ $2,1,2,20$ $2,1,2,20$ $2,1,2,20$ $2,1,2,20$ $2,1,2,20$ $2,1,2$	05A Northwest Fort Bliss A	36		15,211		3,488	1,374	459	5,321	1,824	7,145	15,247
- $15,957$ $1,364$ $ 1,364$ $21,324$ $21,324$ $38,93$ $4,415$ $   1,364$ $ 1,364$ $21,324$ $38,93$ $   -$ <	05B Northwest Fort Bliss B	2,204		9,940	1	774	9,894	333	11,001	2,988	13,989	12,144
4,415         0         41,106         5,625         11,266         792         17,685         21,522         38,93           7         7         7         7         7         7         7         7         38,93           7         1         7         7         7         7         7         7         38,93           7         1         2         7         7         7         7         7         38,93           7         1         2         7         7         7         7         7         7         7         36,94           1         5,95         1         2         5,615         7         5,315         360         3	05C Northwest Fort Bliss C	•		15,957	•	1,364			1,364	0	1,364	15,957
76i $   -$ <	Northeast Subtotal	4,415	0	41,108	0	5,625	11,268	792	17,685	21,252	38,937	45,523
	Westside											
761 $761$ $761$ $761$ $356$ $356$ $356$ $356$ $356$ $356$ $356$ $356$ $356$ $356$ $356$ $360$ $3155$ $360$ $3155$ $360$ $3156$ $360$ $3156$ $360$ $3123$ $3451$ $3123$ $3461$ $3123$ $3471$ $2610$ $261$	02 Westside MP	•		•	,	•	•	,	1	•	•	•
1         1,595         145 $\cdot$ 2,615 $\cdot$ 5,634 $\cdot$ 3,155         3,00         1	03A Northwest Vinton A	761		1	•	356		,	356	•	356	761
377 $377$ $5,634$ $5,234$ $5,634$	03E I-10375 MP	1,595		145	•	2,615	•	540	3,155	360	3,515	1,740
261 $   -$ <	04A Northwest Artcraft A	377		1	1	5,634		1	5,634	•	5,634	377
hweet Artcraft C $36$ $189$ $347$ $347$ $ 381$ $ 381$ $   -$	04B Northwest Artcraft B	261		1	•	3,123		•	3,123	•	3,123	261
thwest Artcraft D         80 $\cdot$ sidesid	04C Northwest Artcraft C	36		189	34	347	•	•	381	•	381	225
trillo         935         -         1,670         126         306         2,102         -	04D Northwest Artcraft D	80		•	•	662		<mark>06</mark>	752	•	752	80
r         4,510         2,306         -         3,717         144         387         4,248         -         1         -	04E Canutillo	935		305	1	1,670	126	306	2,102	•	2,102	1,240
s subtotal         8,555         0         2,944         34         18,122         270         1,323         19,749         360         2           side         3,415         5,815         -         752         14,328         117         15,197         -         1           Montana         1,791         1,001         -         7722         228         630         8,580         -         1           Montana B         558         -         1,701         -         712         2,514         -         2,627         -         1           Montana B         558         -         113         2,514         -         2,627         -         1         1           In the set         1,204         2,233         4,086         -         7,416         -	02B Other	4,510		2,306		3,717	144	387	4,248	•	4,248	6,815
side         3,415         5,815         -         752         14,328         117         15,197         -         1           Montana         1,791         1,001         -         7,722         228         630         8,580         -         1         1           Montana B         558         718         -         7,722         22,814         -         2,627         -         -         1         -         1         -         1         -         -         1         -         -         1         -         -         -         -         -         -         -         -         -         -         -         -         1         -	Westside Subtotal	8,555	0	2,944	34	18,122	270	1,323	19,749	360	20,109	11,498
3,415         5,815         5,815         5,815         5,815         5,17         15,197         -         1           a 1,791         1,791         1,791         1,791         1,791         1,791         1,791         1,791         1,791         1,791         1,791         1,791           a 1,791         1,791	Eastside											
a b         1,791         1,001         1,001         -         7,722         228         630         8,580         -<	08B Eastside	3,415		5,815		752	14,328	117	15,197	•	15,197	9,229
a B         558         718         -         113         2,514         -         2,627         -	12 South Montana	1,791		1,001	•	7,722	228	630	8,580	•	8,580	2,791
-         160         -         419         -         419         -         419         -           1,204         2,233         -         3,330         4,086         -         7,416         -         -           5 B         -         5         2,333         4,086         -         7,416         -         -           6 B         -         0         2,332         2,832         -         3,035         -	12B South Montana B	558		718	•	113	2,514	•	2,627	•	2,627	1,276
1,204         2,233         -         3,330         4,086         -         7,416         -           t Ellis B         -         -         2,033         2,832         -         3,035         -	06 South Fort Bliss	•		160		419	•		419	•	419	160
55 B     -     -     -     203     2,832     -     3,035     -       6,967     0     9,925     -     12,537     23,988     747     37,272     -	08 East Battle	1,204		2,233		3,330	4,086	•	7,416	•	7,416	3,437
6,967 0 9,925 - 12,537 23,988 747 37,272 -	10B South Fort Bliss B	•		•	•	203	2,832	•	3,035	•	3,035	•
	Eastside Subtotal	6,967	0	9,925	i.	12,537	23,988	747	37,272	1	37,272	16,893
Total 19,937 0 53,976 34 36,284 35,526 2,862 74,706 21,612 9	Total	19,937	0	53,976	34	36,284	35,526	2,862	74,706	21,612	96,318	73,914

Service Units Full Build-Out Projections

Sourise Area	Population at	Serv	Service Units at Full-Build-Out	Out
Jervice Aleg	Build-Out	Residential	Non-Residential	Total
Northeast				
01 Northeast MP	48,334	16,440	2,175	18,615
05A Northwest Fort Bliss A	21,005	7,145	15,247	22,391
05B Northwest Fort Bliss B	41,128	13,989	12,144	26,133
05C Northwest Fort Bliss C	4,009	1,364	15,957	17,321
Northeast Subtotal	114,475	38,937	45,523	84,460
Westside				
02 Westside MP	0	0	0	0
03A Northwest Vinton A	209	11	761	832
03E I-10375 MP	10,333	3,515	1,740	5,255
04A Northwest Artcraft A	16,564	5,634	377	9,011
04B Northwest Artcraft B	9,182	3,123	261	3,384
04C Northwest Artcraft C	1,119	381	225	605
04D Northwest Artcraft D	2,209	752	80	831
04E Canutillo	6,178	2,102	1,240	3,341
02B Other	12,489	4,248	6,815	11,063
Westside Subtotal	58,283	19,824	11,498	31,322
Eastside				
08B Eastside	44,678	15,197	9,229	24,426
12 South Montana	25,225	8,580	2,791	11,371
12B South Montana B	7,722	2,627	1,276	3,903
06 South Fort Bliss	0	0	160	160
08 East Battle	21,803	7,416	3,437	10,853
10B South Fort Bliss B	8,921	3,035	0	3,035
Eastside Subtotal	108,349	36,854	16,893	53,/46
lotal	281,107	95,615	73,914	169,528

Full Build-Out Projections – Population and Service Unit Summary

## Appendix C Ten-Year Growth Projections

Canada Area	2033 Non-Resi	on-nesidential service Units	Units		2033 UO	2033 Conventional Service Units			Mixed Use	2033	<b>ZU33 NON-</b>
SELVICE ALCO	Commercial	<u>Institutional</u>	Industrial	Low	Medium	<u>Medium High</u>	High	Total	Mixed Use	Residential	Residential
Northeast											
01 Northeast MP	1,740		•	0	0	0	0	0	13,331	13,331	1,740
05A Northwest Fort Bliss A			7,946	0	1,697	334	331	2,362	912	3,274	7,946
05B Northwest Fort Bliss B	1,317		5,220	0	774	7,746	403	8,923	966	9,919	6,537
05C Northwest Fort Bliss C	•		7,721	0	0	0	0	0	0	1	7,721
Northeast Subtotal	3,057	0	20,887	0	2,471	8,080	734	11,285	15,239	26,524	23,944
Westside											
02 Westside MP	0		0	0	0	0	0	0	0	•	1
03A Northwest Vinton A	207		0	0	71	0	0	71	0	71	207
03E I-10375 MP	653		0	0	2,500	0	270	2,770	360	3,130	653
04A Northwest Artcraft A	68		0	0	940	0	0	940	0	940	68
04B Northwest Artcraft B	81		0	0	1,025	0	0	1,025	0	1,025	81
04C Northwest Artcraft C	37		196	17	321	0	0	338	0	338	233
04D Northwest Artcraft D	80		0	0	597	0	<del>0</del> 6	687	0	687	80
04E Canutillo	935		156	0	2,372	126	311	2,809	0	2,809	1,091
02B Other	4652		2313	0	3,352	144	225	3,721	0	3,721	6,965
Westside Subtotal	6,713	0	2,665	17	11,178	270	896	12,361	360	12,721	9,378
Eastside											
08B Eastside	833		1851	0	450	6,264	46	6,760	0	6,760	2,684
12 South Montana	1197		1001	2,842	664	0	391	3,897	0	3,897	2,198
12B South Montana B	91		718	0	112	1,566	0	1,678	0	1,678	809
06 South Fort Bliss	0		0	0	293	0	0	293	0	293	•
08 East Battle	907		2013	0	2,213	3,372	0	5,585	0	5,585	2,920
10B South Fort Bliss B	0		0	0	63	952	0	1,015	0	1,015	•
Eastside Subtotal	3,028	0	5,583	2,842	3,795	12,154	437	19,228	0	19,228	8,611
Total	12.798	0	29,135	2,859	17.444	20.504	2.067	47.874	15.599	58.473	41 933

2033 Service Unit Projections

#### DRAFT

Contros Aroa		Census		2033 Proj.	2033	2033 Projected Service Units	2
SCINCE ALCU	2000	2010	2020	Population	Residential	Non-Residential	Total
Northeast							
01 Northeast MP	0	0	13	39,193	13,331	1,740	15,071
05A Northwest Fort Bliss A	0	0	0	9,626	3,274	7,946	11,220
05B Northwest Fort Bliss B	2,199	4,799	10,735	29,162	616'6	6,537	16,456
05C Northwest Fort Bliss C	10	28	37	0	0	7,721	7,721
Northeast Subtotal	2,209	4,827	10,785	77,981	26,524	23,944	50,468
Westside							
02 Westside MP	0	0	0	0	0	0	0
03A Northwest Vinton A	0	0	0	209	12	207	278
03E I-10375 MP	0	0	2,142	9,202	3,130	653	3,783
04A Northwest Artcraft A	299	312	312	2,764	640	89	1,008
04B Northwest Artcraft B	289	251	289	3,014	1,025	81	1,106
04C Northwest Artcraft C	0	0	316	994	338	233	571
04D Northwest Artcraft D	836	1,001	635	2,020	687	80	767
04E Canutillo	3,633	4,760	4,615	8,258	2,809	1,091	3,900
02B Other	1,167	2,149	4,732	10,940	3,721	6,965	10,686
Westside Subtotal	6,224	8,473	13,041	37,400	12,721	9,378	22,099
Eastside							
08B Eastside	13	682	5,736	19,874	6,760	2,684	9,444
12 South Montana	6,766	7,625	7,483	11,457	3,897	2,198	6,095
12B South Montana B	0	7	12	4,933	1,678	809	2,487
06 South Fort Bliss	0	0	0	861	293	0	293
08 East Battle	0	21	1,460	16,420	5,585	2,920	8,505
10B South Fort Bliss B	0	0	0	2,984	1,015	0	1,015
Eastside Subtotal	6,779	8,335	14,691	56,530	19,228	8,611	27,839
Total	15,212	21,635	38,517	171,911	58,473	41,933	100,406

2033 Population and Service Unit Summary