

SERVICE SOLUTIONS SUCCESS



Street and Alley Loading Zones and Special Issues

City of El Paso

*Department of Transportation
&
International Bridges*

December 16, 2010



Inventory & GIS Map Coding

- Areas 1, 2, 3, 4, 5
- Loading Zones
- Alley Parking Restrictions
- Reserved Parking
- Options & Strategies



Boundaries

- **Area 1** – (N) Wyoming (S) Paisano (E) Campbell (W) Santa Fe
- **Area 2** – (N) Paisano (S) Cesar Chavez (E) Kansas (W) Santa Fe
- **Area 3** – (N) Mills (S) Paisano (E) Tays (W) Campbell
- **Area 4** – (N) Missouri (S) Paisano (E) Santa Fe (W) Paisano
- **Area 5** – (N) Mississippi (S) Yandell (E) Stanton (W) El Paso



A. Street Front Loading Zones Issues

- Number of loading zones within the CBD (Central Business District)
- Loading zones
 - Unauthorized parking
 - Non-commercial vehicles
 - Unauthorized signs
- Reserved loading zones
 - State, Federal, Municipal
- Loss of on-street parking



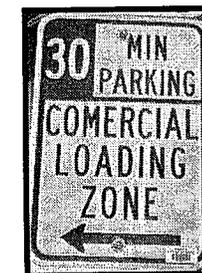
Loading Zone Legends



Loading Zones

Type

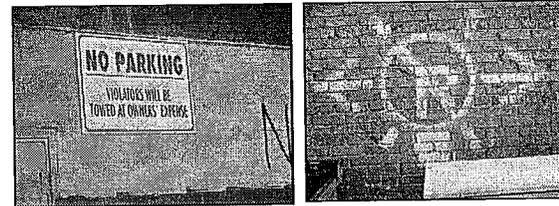
- 101 NO PARKING COMMERCIAL LOADING ZONE
- 102 NO PARKING COMMERCIAL LOADING ZONE WITH TOW-AWAY
- 103 NO PARKING LOADING ZONE
- 104 NO PARKING LOADING ZONE WITH TOW-AWAY
- 115 HOTEL ZONE
- 116 OFFICIAL VEHICLES
- 118 BUS STOP
- 121 POLICE DEPARTMENT
- 124 JUDGES PARKING
- 125 PRISONERS UNLOADING
- 126 MEDIA PARKING
- 127 HEALTH DEPARTMENT
- 133 NO PARKING PASSENGER LOADING ZONE
- 135 1/2 HR PARKING LOADING ZONE COMMERCIAL VEHICLES
- 140 MARSHALL ONLY W/ TOW-AWAY
- 142 RESERVED FOR DISTRICT CLERK
- 143 FIRE DEPARTMENT VEHICLES ONLY
- 149 FUNERAL ZONE
- 151 LAW ENFORCEMENT
- 152 MEXICAN CONSULATE



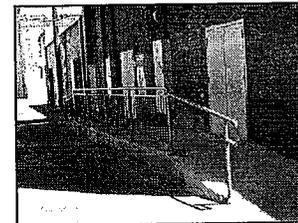


B. Alley Parking Restrictions Issues

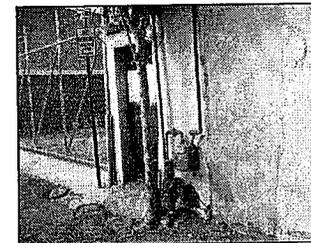
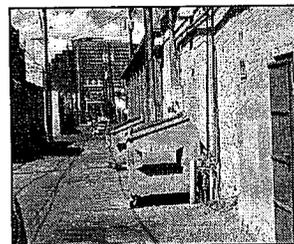
- Unofficial loading, no-parking signs, and unofficial pavement markings



- Encroachment (fencing off public spaces)



- Obstructions (dumpsters, staircases, utility poles and meters, guard posts, etc).





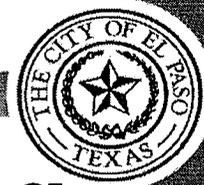
Alley Inventory Legends



Alley Inventory

CATEGORY

- ? DUMPSTER
- ⌋ FENCE
- ⊗ GAS METER
- e LARGE DOOR ACCESS
- ⌋ LOADING ZONE SIGN
- Zi NO PARKING SIGN
- ⌋ NO STOPPING OR STANDING NO TOW
- A NO STOPPING OR STANDING WITH TOW
- ! OTHER (UTILITY BOXES, GUARD RAILS, GAS METERS, ETC.)
- RAMP
- β STANDARD DOOR ACCESS
- † UTILITY POLE
- w WIDTH



C. Reserved Parking

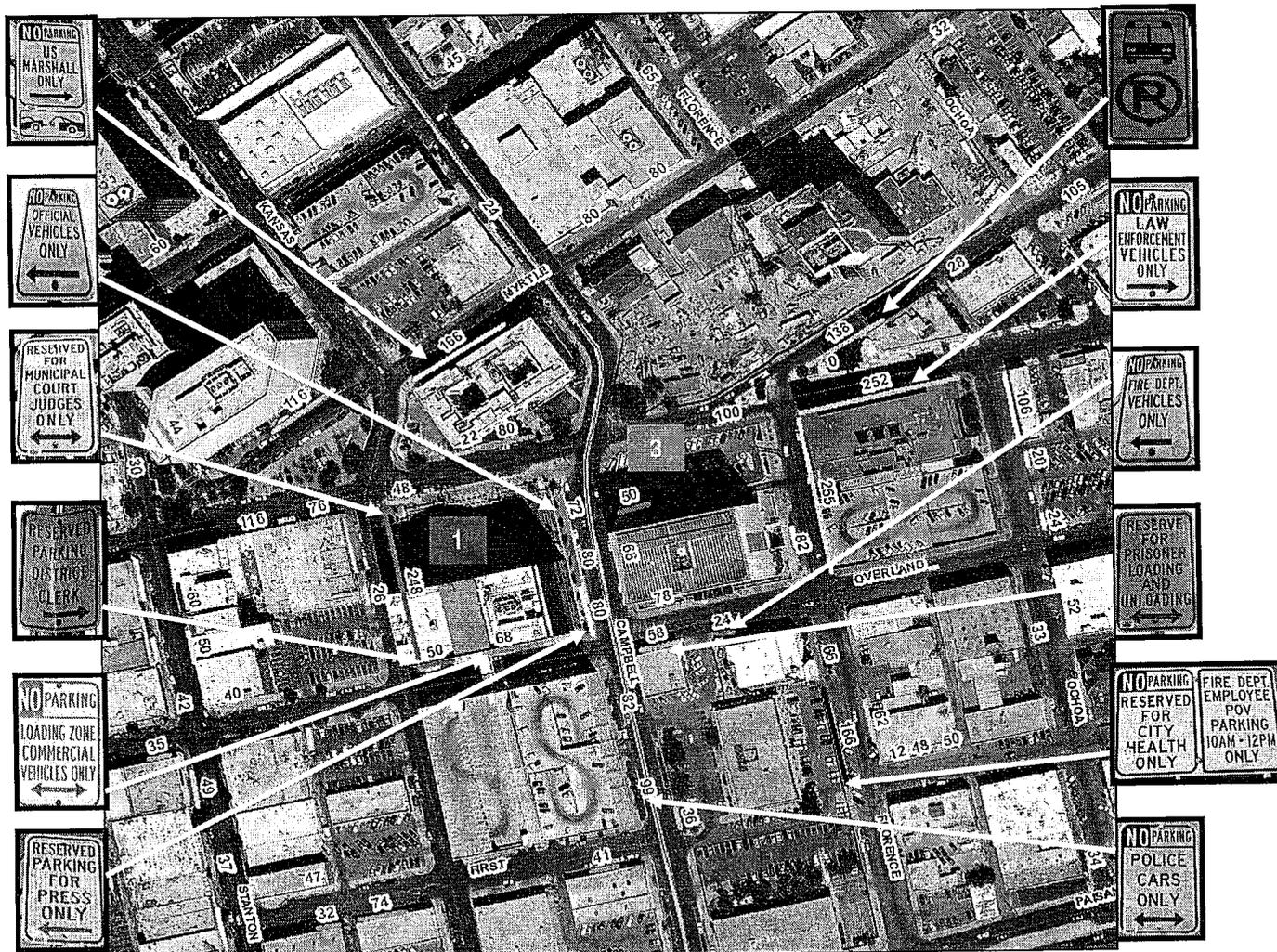


- **Parking spaces reserved for various Official and Non-Official uses:**

- Hotel Zone
- State District Judges
- Official Vehicles Only
- Sun Metro
- Taxi Parking
- Police Department Parking
- Judges Parking
- Prisoners Unloading
- Media Parking
- Health Department
- Reserved for Library
- U.S. Marshall & Immigration Service
- District Clerk
- Fire Department
- Probation Dept.
- State Court of Appeals
- County Tax Office/Purchasing Office
- Mexican Consulate
- Hotel/Passenger Loading Zones
- Funeral Zone
- Law Enforcement

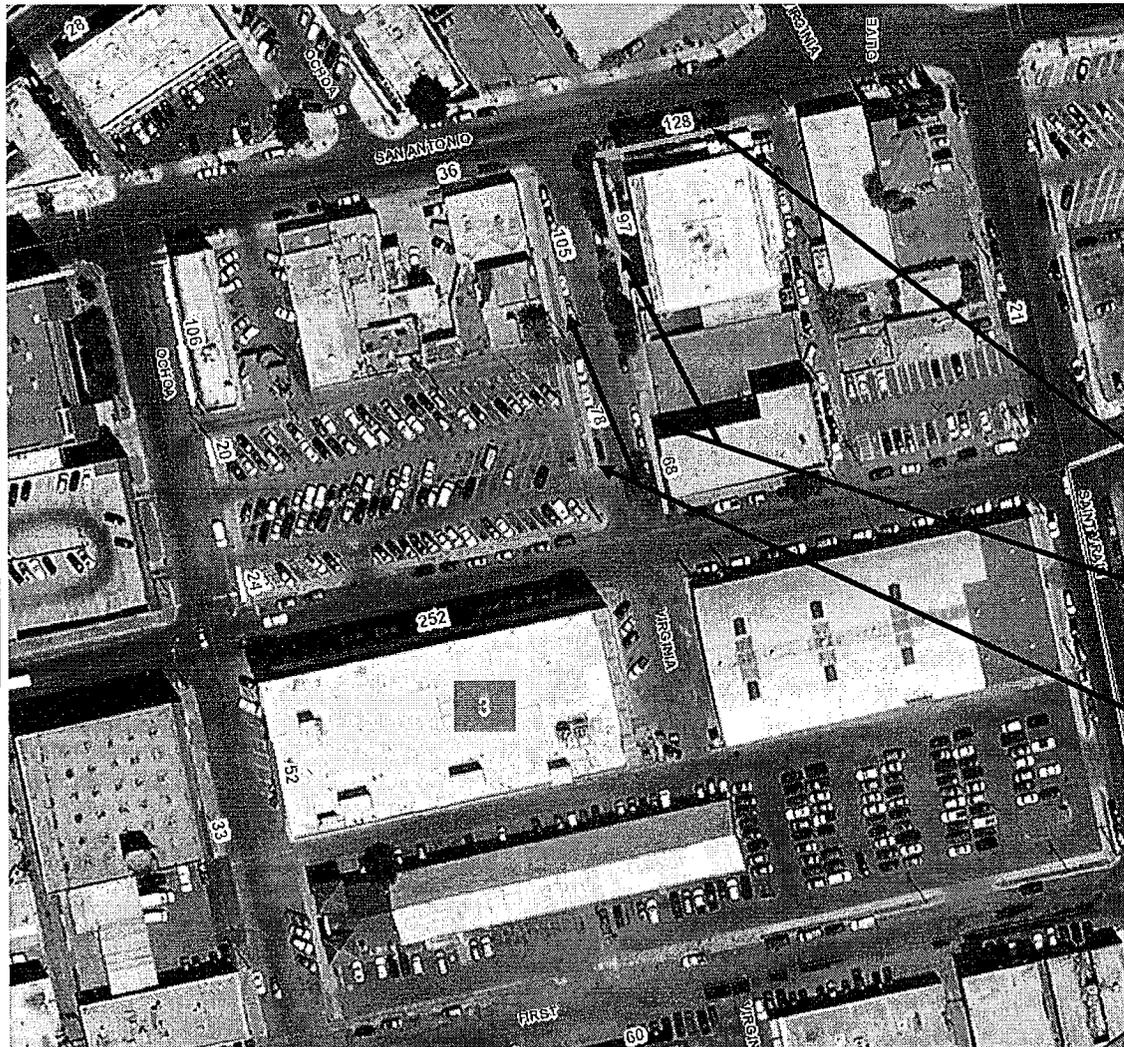
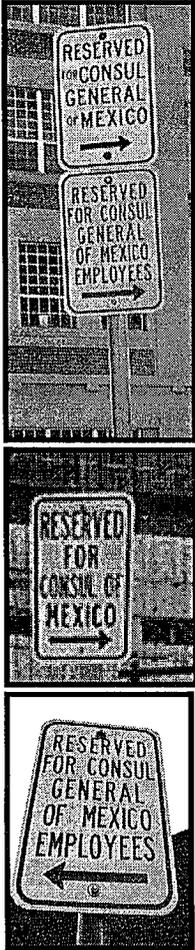


Special Situations (Areas 1 & 3)





Mexican Consulate (Area 3)



25 Total
Parking Spaces

6 Spaces

9 Spaces

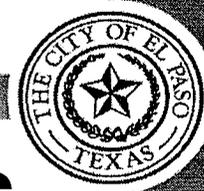
10 Spaces



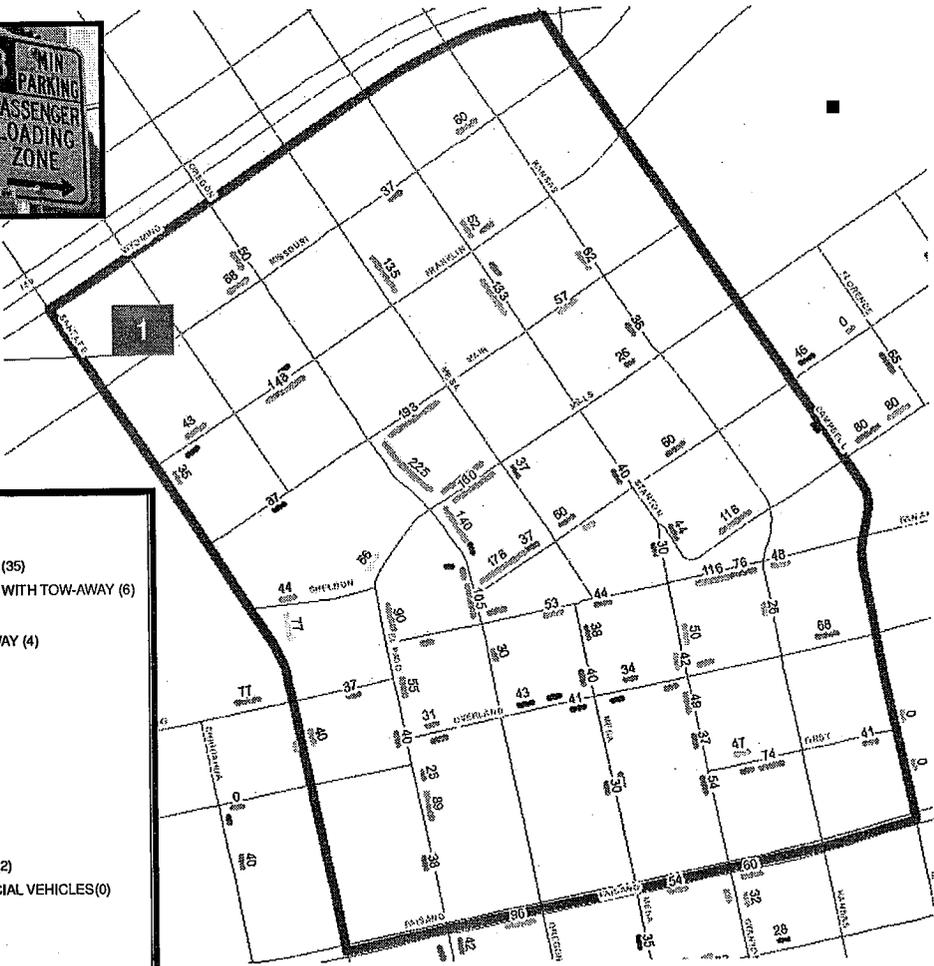
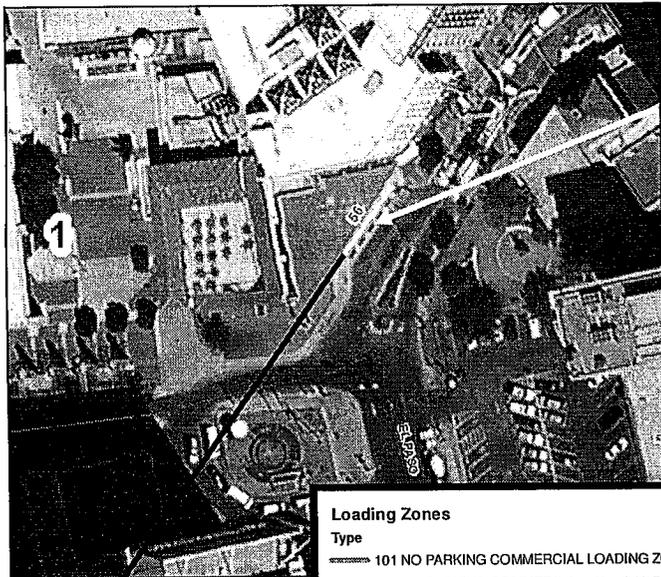
Area 1 – Parking Meters

© PARKING METERS
(SINGLE: 252, DOUBLE: 209)





Area 1 – Street Loading Zones



Loading Zones	
Type	
101	NO PARKING COMMERCIAL LOADING ZONE (35)
102	NO PARKING COMMERCIAL LOADING ZONE WITH TOW-AWAY (6)
103	NO PARKING LOADING ZONE (11)
104	NO PARKING LOADING ZONE WITH TOW-AWAY (4)
115	HOTEL ZONE (1)
116	OFFICIAL VEHICLES (2)
118	BUS STOP (26)
121	POLICE DEPARTMENT (2)
124	JUDGES PARKING (2)
125	PRISONERS UNLOADING (1)
126	MEDIA PARKING (1)
127	HEALTH DEPARTMENT (0)
133	NO PARKING PASSENGER LOADING ZONE (2)
135	1/2 HR PARKING LOADING ZONE COMMERCIAL VEHICLES(0)
140	MARSHALL ONLY W/ TOW-AWAY (1)
142	RESERVED FOR DISTRICT CLERK (1)
143	FIRE DEPARTMENT VEHICLES ONLY (0)
149	FUNERAL ZONE (0)
151	LAW ENFORCEMENT (0)
152	MEXICAN CONSULATE (0)

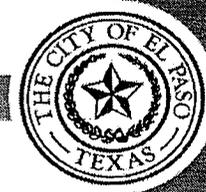
Number refers to feet length.



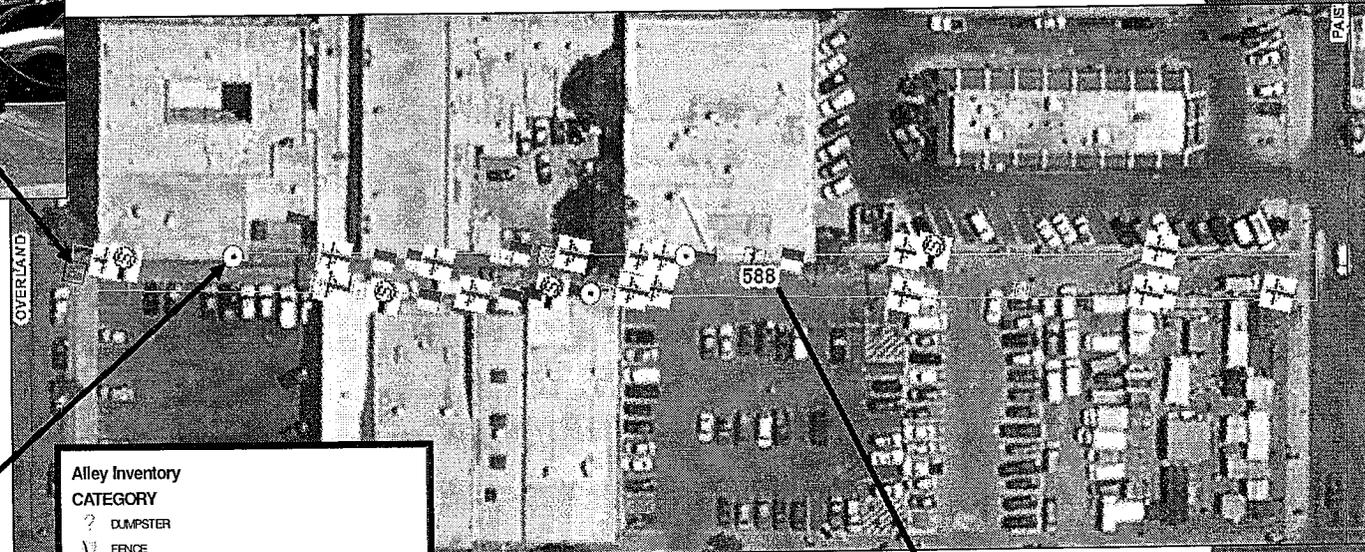
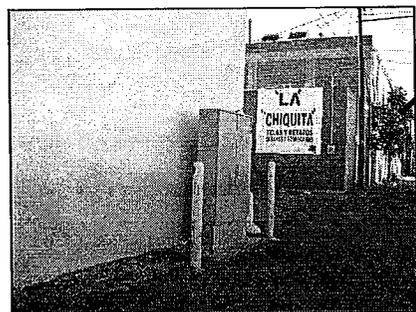
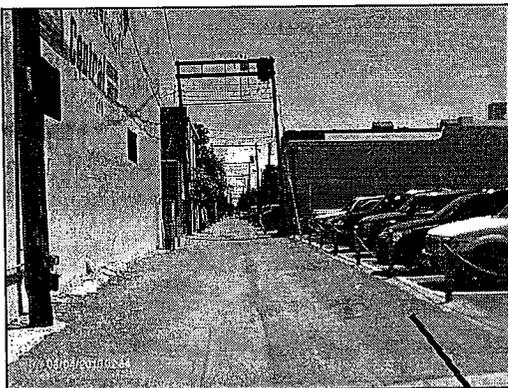
Area 1 – Alley Loading Zones

 LOADING ZONE





Area 1 – Alley Inventory



Alley Inventory	
CATEGORY	
?	DUMPSTER
)	FENCE
⊙	GAS METER
e	LARGE DOOR ACCESS
Y	LOADING ZONE SIGN
Zi	NO PARKING SIGN
⊕	NO STOPPING OR STANDING NO TOW
⊕	NO STOPPING OR STANDING WITH TOW
:	OTHER (UTILITY BOXES, GUARD RAILS, GAS METERS, ETC.)
∩	RAMP
β	STANDARD DOOR ACCESS
†	UTILITY POLE
W	WIDTH

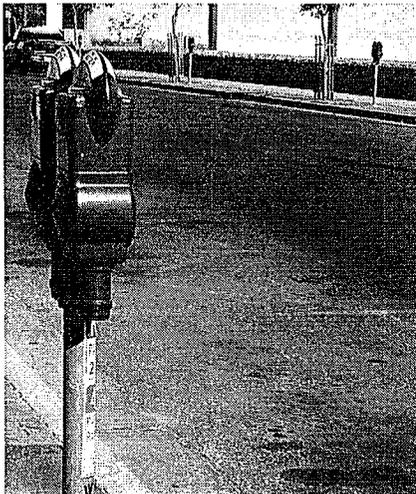
(Alley between Mesa and Oregon)

Alley OBJECT ID No.



Area 2 – Parking Meters

- PARKING METERS
(SINGLE: 277, DOUBLE: 140)





Area 2 – Street Loading Zones



Loading Zones	
Type	
	101 NO PARKING COMMERCIAL LOADING ZONE (34)
	102 NO PARKING COMMERCIAL LOADING ZONE WITH TOW-AWAY (12)
	103 NO PARKING LOADING ZONE (15)
	104 NO PARKING LOADING ZONE WITH TOW-AWAY (2)
	115 HOTEL ZONE (0)
	116 OFFICIAL VEHICLES (0)
	118 BUS STOP (18)
	121 POLICE DEPARTMENT (0)
	124 JUDGES PARKING (0)
	125 PRISONERS UNLOADING (0)
	126 MEDIA PARKING (0)
	127 HEALTH DEPARTMENT (0)
	133 NO PARKING PASSENGER LOADING ZONE (1)
	135 1/2 HR PARKING LOADING ZONE COMMERCIAL VEHICLES(0)
	140 MARSHALL ONLY W/ TOW-AWAY (0)
	142 RESERVED FOR DISTRICT CLERK (0)
	143 FIRE DEPARTMENT VEHICLES ONLY (0)
	149 FUNERAL ZONE (0)
	151 LAW ENFORCEMENT (0)
	152 MEXICAN CONSULATE (0)





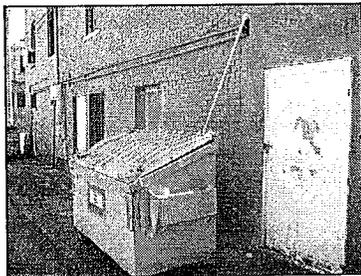
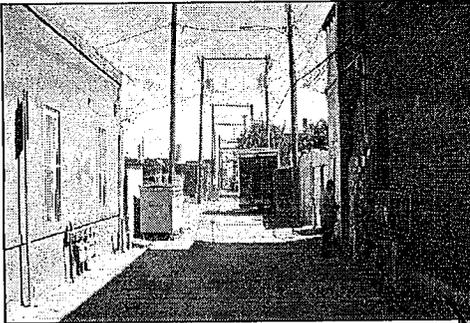
Area 2 – Alley Loading Zones

 LOADING ZONE





Area 2 - Alley Inventory



Alley Inventory

CATEGORY	
?	DUMPSTER
⌘	FENCE
⊙	GAS METER
e	LARGE DOOR ACCESS
⌘	LOADING ZONE
Z	NO PARKING SIGN
⊘	NO STOPPING OR STANDING NO TOW
⊘	NO STOPPING OR STANDING WITH TOW
⋮	OTHER
⌘	RAMP
β	STANDARD DOOR ACCESS
⊕	UTILITY POLE
W	WIDTH

(Alley between Mesa and Oregon)



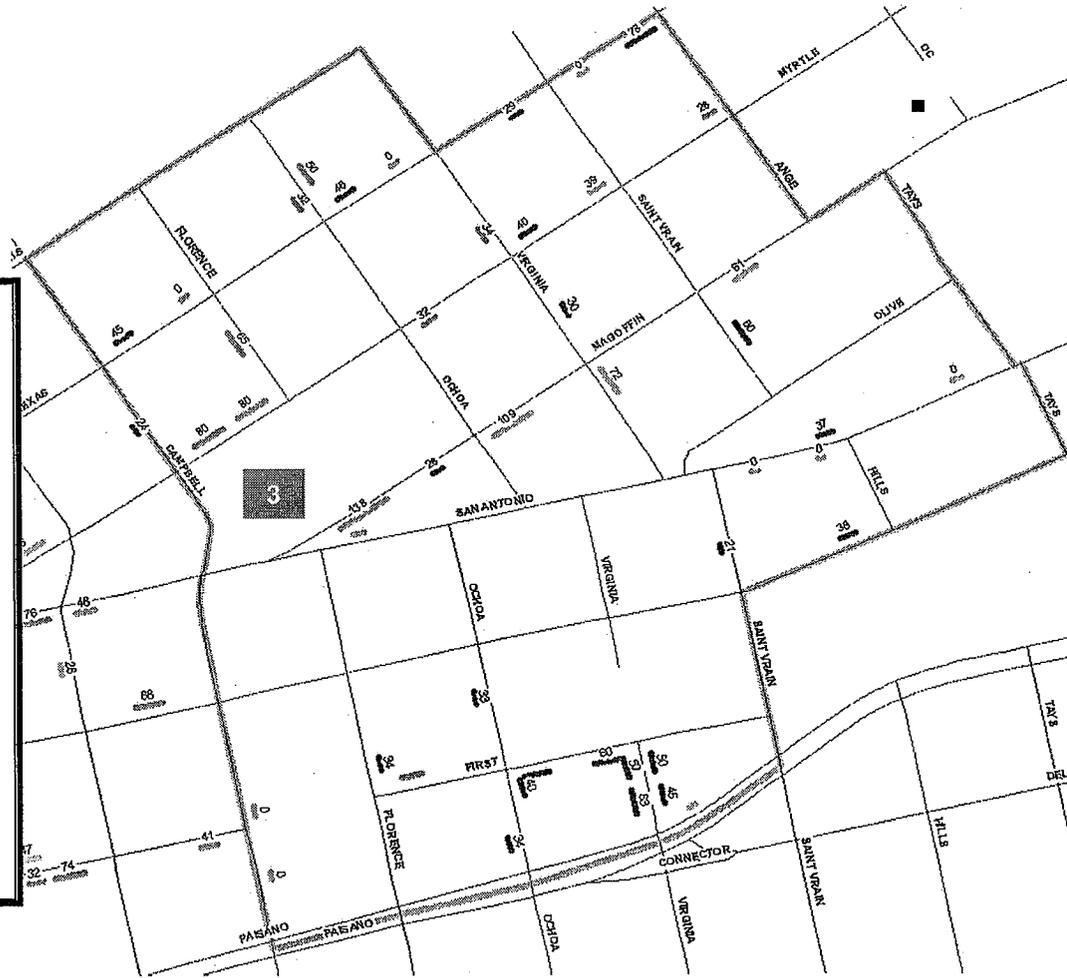
Area 3 – Street Loading Zones



Loading Zones

Type

- 101 NO PARKING COMMERCIAL LOADING ZONE (8)
- 102 NO PARKING COMMERCIAL LOADING ZONE WITH TOW-AWAY (2)
- 103 NO PARKING LOADING ZONE (17)
- 104 NO PARKING LOADING ZONE WITH TOW-AWAY (1)
- 115 HOTEL ZONE (0)
- 116 OFFICIAL VEHICLES (2)
- 118 BUS STOP (14)
- 121 POLICE DEPARTMENT (1)
- 124 JUDGES PARKING (3)
- 125 PRISONERS UNLOADING (4)
- 126 MEDIA PARKING (0)
- 127 HEALTH DEPARTMENT (1)
- 133 NO PARKING PASSENGER LOADING ZONE (3)
- 135 1/2 HR PARKING LOADING ZONE COMMERCIAL VEHICLES(0)
- 140 MARSHALL ONLY W/ TOW-AWAY (0)
- 142 RESERVED FOR DISTRICT CLERK (0)
- 143 FIRE DEPARTMENT VEHICLES ONLY (2)
- 149 FUNERAL ZONE (0)
- 151 LAW ENFORCEMENT (2)
- 152 MEXICAN CONSULATE (0)





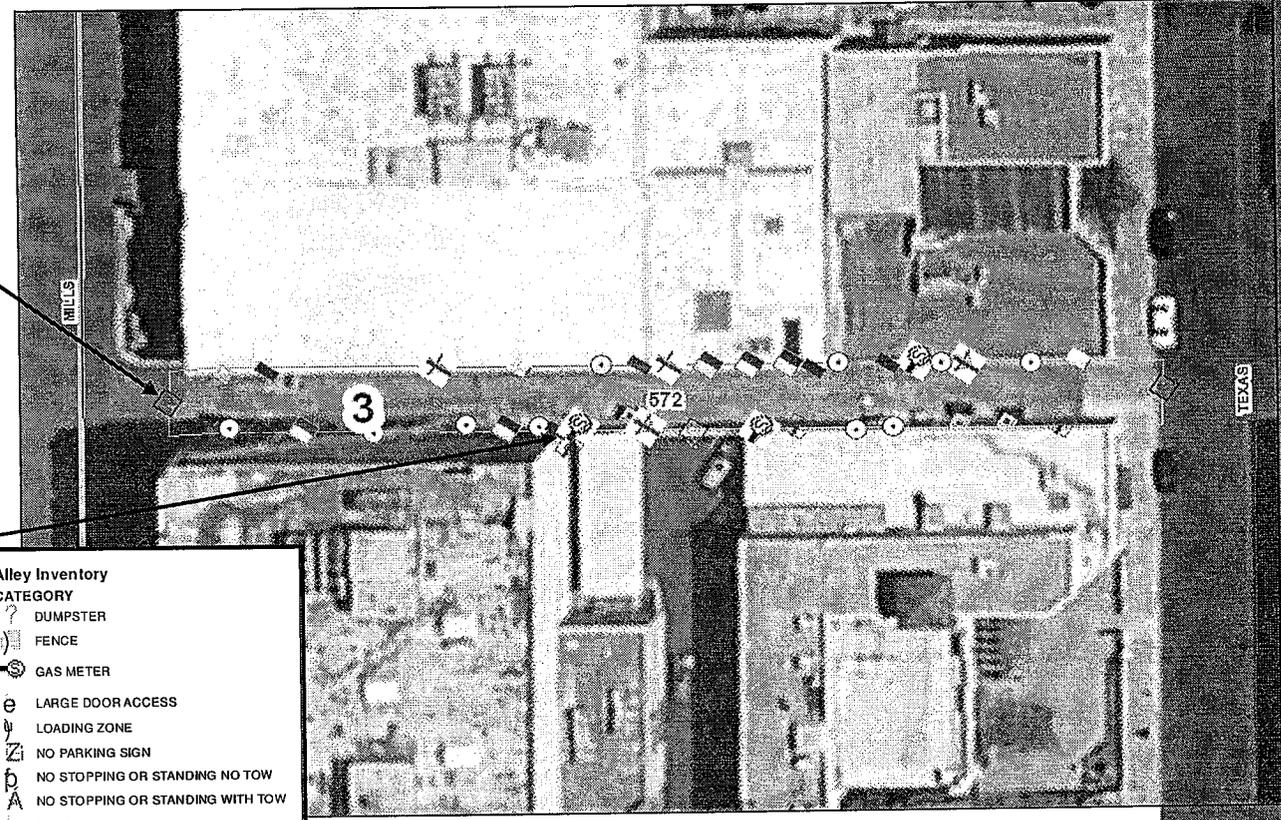
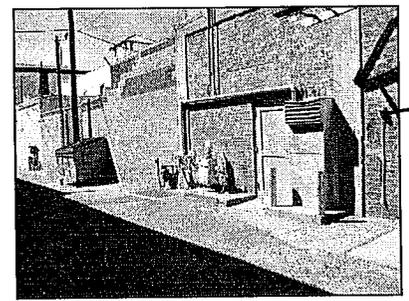
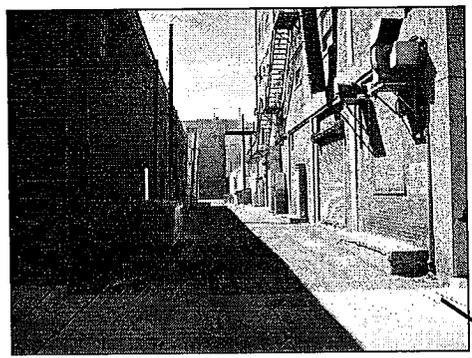
Area 3 – Alley Loading Zones

LOADING ZONE



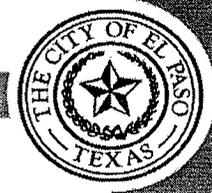


Area 3 - Alley Inventory



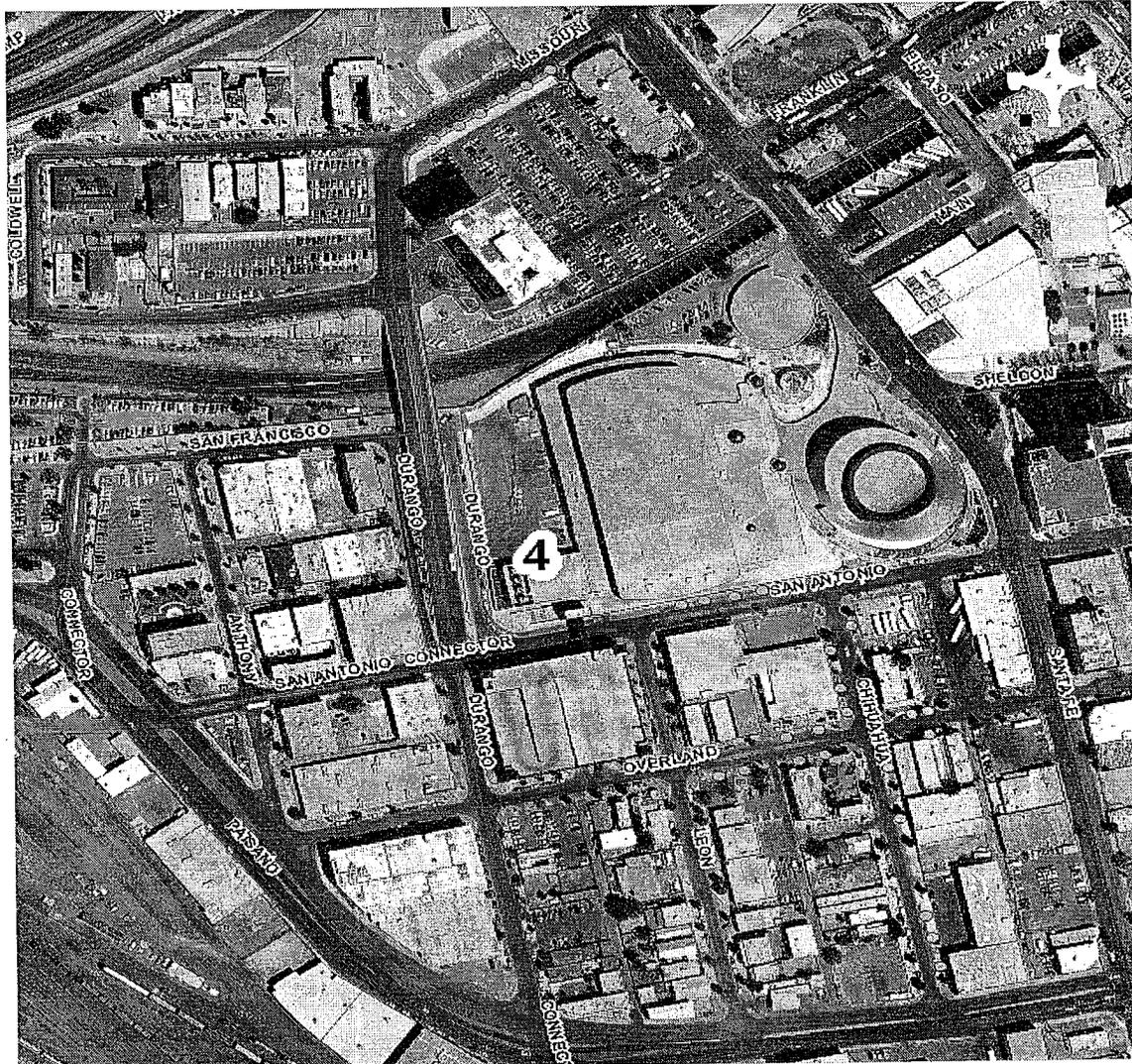
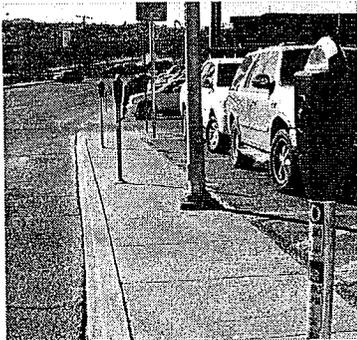
Alley Inventory	
CATEGORY	
?	DUMPSTER
⌘	FENCE
⊗	GAS METER
e	LARGE DOOR ACCESS
⌋	LOADING ZONE
Z	NO PARKING SIGN
⊥	NO STOPPING OR STANDING NO TOW
A	NO STOPPING OR STANDING WITH TOW
⋮	OTHER
∩	RAMP
β	STANDARD DOOR ACCESS
+	UTILITY POLE
w	WIDTH

(Alley between Florence and Campbell)



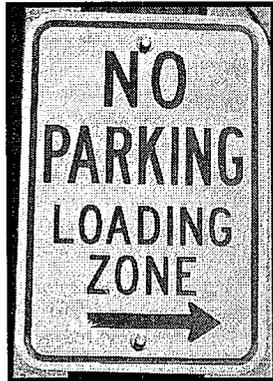
Area 4 – Parking Meters

○ PARKING METERS
(SINGLE: 9, DOUBLE: 22)





Area 4 – Street Loading Zones



Loading Zones	
Type	
	101 NO PARKING COMMERCIAL LOADING ZONE (7)
	102 NO PARKING COMMERCIAL LOADING ZONE WITH TOW-AWAY (0)
	103 NO PARKING LOADING ZONE (0)
	104 NO PARKING LOADING ZONE WITH TOW-AWAY (0)
	115 HOTEL ZONE (0)
	116 OFFICIAL VEHICLES (0)
	118 BUS STOP (4)
	121 POLICE DEPARTMENT (0)
	124 JUDGES PARKING (0)
	125 PRISONERS UNLOADING (0)
	126 MEDIA PARKING (0)
	127 HEALTH DEPARTMENT (0)
	133 NO PARKING PASSENGER LOADING ZONE (0)
	135 1/2 HR PARKING LOADING ZONE COMMERCIAL VEHICLES(1)
	140 MARSHALL ONLY W/ TOW-AWAY (0)
	142 RESERVED FOR DISTRICT CLERK (0)
	143 FIRE DEPARTMENT VEHICLES ONLY (0)
	149 FUNERAL ZONE (0)
	151 LAW ENFORCEMENT (0)
	152 MEXICAN CONSULATE (0)





Area 4 – Alley Loading Zones

 LOADING ZONE





Area 4 - Alley Inventory



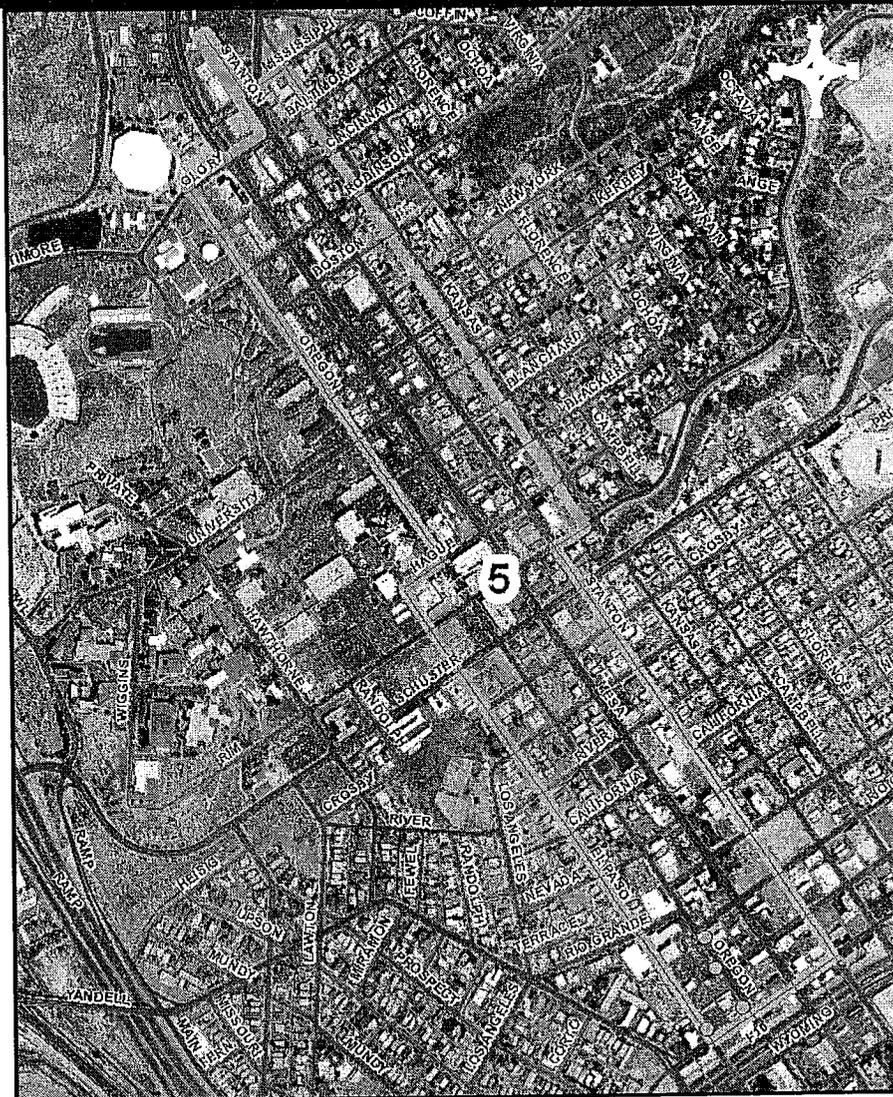
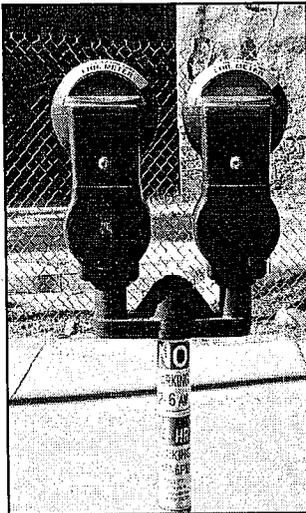
Alley Inventory	
CATEGORY	
?	DUMPSTER
	FENCE
⊙	GAS METER
⊖	LARGE DOOR ACCESS
W	LOADING ZONE
Z	NO PARKING SIGN
⊘	NO STOPPING OR STANDING NO TOW
⊙	NO STOPPING OR STANDING WITH TOW
.	OTHER
.	RAMP
β	STANDARD DOOR ACCESS
+	UTILITY POLE
W	WIDTH

(Alley between Missouri and Franklin)



Area 5 – Parking Meters

- PARKING METERS
(DOUBLE: 4)





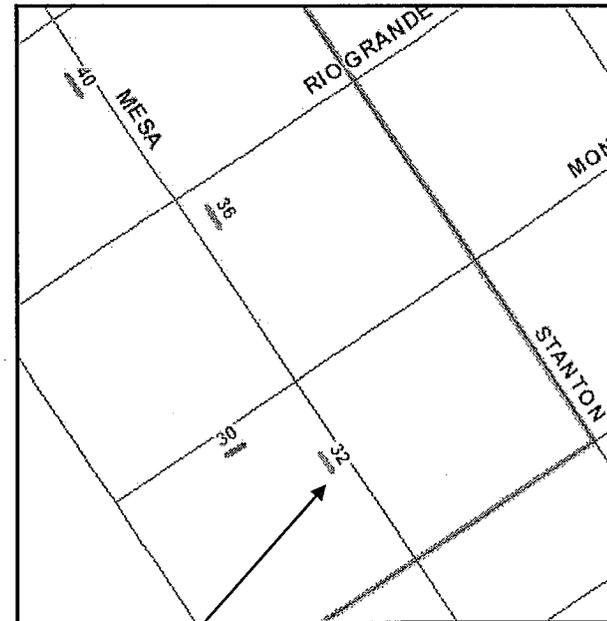
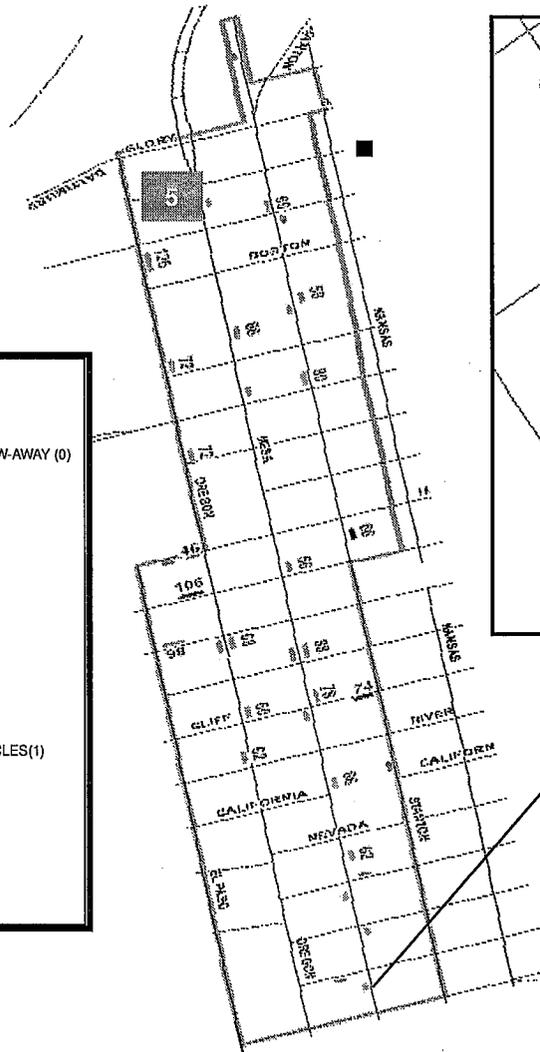
Area 5 – Street Loading Zones



Loading Zones

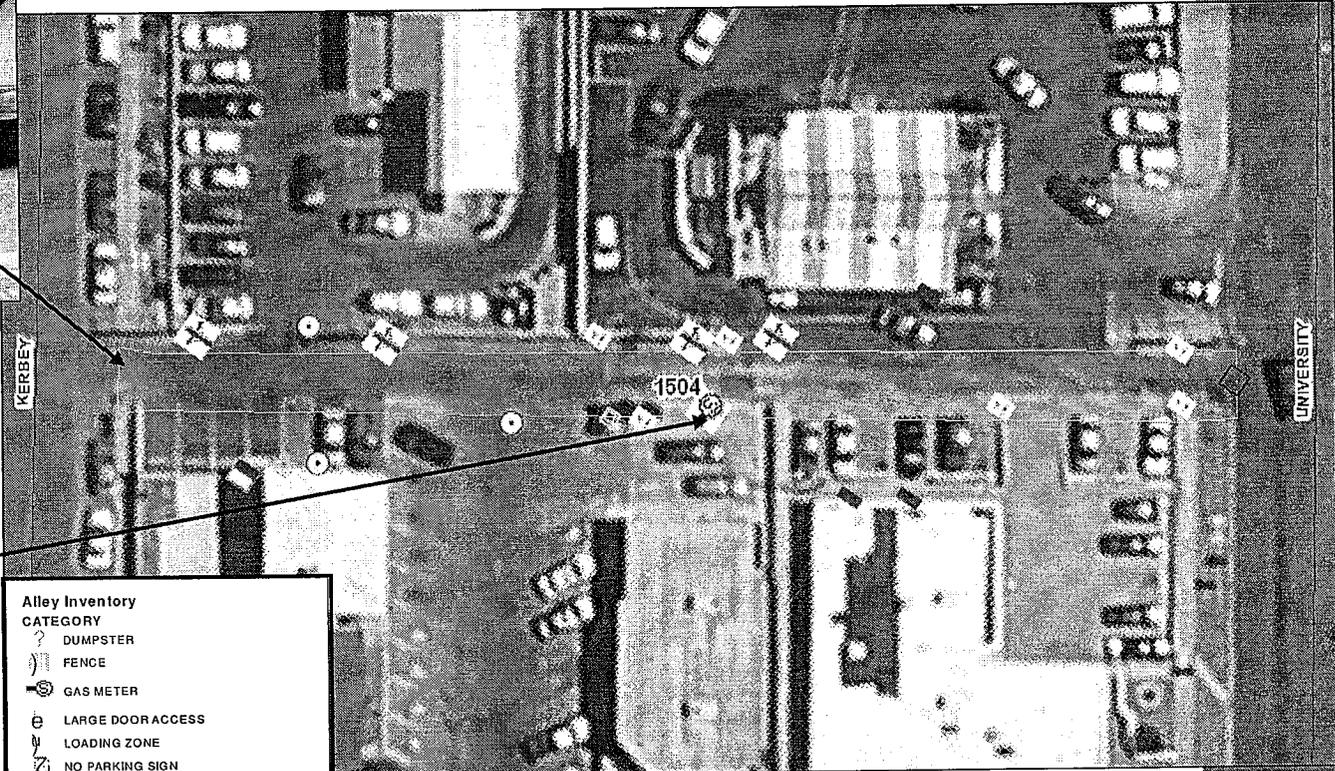
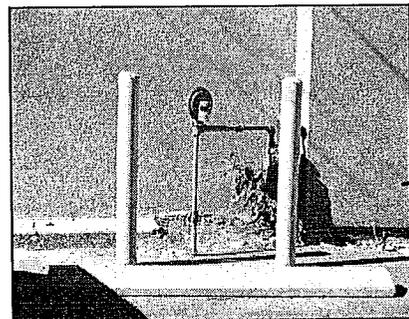
Type

- 101 NO PARKING COMMERCIAL LOADING ZONE (5)
- 102 NO PARKING COMMERCIAL LOADING ZONE WITH TOW-AWAY (0)
- 103 NO PARKING LOADING ZONE (2)
- 104 NO PARKING LOADING ZONE WITH TOW-AWAY (0)
- 115 HOTEL ZONE (0)
- 116 OFFICIAL VEHICLES (0)
- 118 BUS STOP (26)
- 121 POLICE DEPARTMENT (0)
- 124 JUDGES PARKING (0)
- 125 PRISONERS UNLOADING (0)
- 126 MEDIA PARKING (0)
- 127 HEALTH DEPARTMENT (0)
- 133 NO PARKING PASSENGER LOADING ZONE (0)
- 135 1/2 HR PARKING LOADING ZONE COMMERCIAL VEHICLES(1)
- 140 MARSHALL ONLY W/ TOW-AWAY (0)
- 142 RESERVED FOR DISTRICT CLERK (0)
- 143 FIRE DEPARTMENT VEHICLES ONLY (0)
- 149 FUNERAL ZONE (1)
- 151 LAW ENFORCEMENT (0)
- 152 MEXICAN CONSULATE (0)





Area 5 - Alley Inventory



Alley Inventory	
CATEGORY	
?	DUMPSTER
⌋	FENCE
⊗	GAS METER
e	LARGE DOOR ACCESS
⌋	LOADING ZONE
Z	NO PARKING SIGN
p	NO STOPPING OR STANDING NO TOW
A	NO STOPPING OR STANDING WITH TOW
!	OTHER
⌋	RAMP
β	STANDARD DOOR ACCESS
†	UTILITY POLE
W	WIDTH

(Alley between Mesa and Oregon)



A. Loading Zone Options

- Take no action
- Consolidate existing loading zones to uniform locations (several levels of consolidation plans available)
- Business to schedule pickup/deliveries when parking meters are not enforced (6PM – 7AM)
- Parking meter enforcement times can also be changed to accommodate business hours
- Charge each business a fee to use the loading zone
- Remove all loading zones.



B. Alley Options

- Take no action
- Remove all non-official loading / no-parking and unofficial pavement markings
- Remove illegal fences and blocking devices
- Enforcement of violations
- Allow parking
- Allow loading zones
- Where feasible, loading zones should be installed in alleys and removed loading zones in the adjacent streets



C. Reserved Parking Options

- Take no action
- Convert hotel zones to short-term parking meter spaces
- Convert reserved (official) parking – all parking spaces to be metered
- Remove all reserved parking



Strategies - Areas 1, 2, 3, & 4

Each item below can be applied independently or mixed/combined:

- a) Where feasible, loading zones should be installed in alleys, and be removed from the adjacent streets
- b) Consolidate existing loading zones to uniform locations (several levels of consolidation plans available)
- c) The current block side which does not have loading space, will not automatically add one to it
- d) Convert removed loading zones to parking meter space
- e) Convert reserved (official) parking – all parking spaces to be metered
- f) Convert hotel zones to short-term parking meter spaces
- g) Parking meters should to be tolled at nights/sundays extended hours, in accordance with business hours of operations such as the downtown entertainment district
- h) Remove all loading zones. Schedule business pickup/deliveries when parking meters are not enforced (6PM -7AM)



Strategies - Area 5

Select one of the following items a, b, or c, plus items d or e bellow.

SELECT a, b, or c:

a) Keep the existing loading zone and charge each business a fee to use the loading zones

OR

b) Consolidate existing loading zones to uniform locations (several levels of consolidation plans available)

OR

c) Remove all loading zones. Schedule business pickup/deliveries when parking meters are not enforced (6PM -7AM)

PLUS d or e:

d) Install parking meters in selected areas

OR

e) Install angle parking in with/without parking meters in selected areas



NEXT STEP

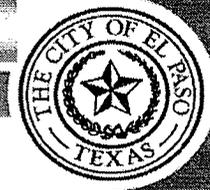
Things to be determined:

- Funding
- Public Outreach



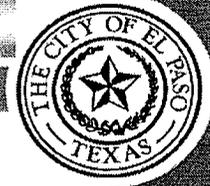
RECOMMENDATIONS

International Bridges



Loading Zone Options (Area 1, 2, 3 & 4)

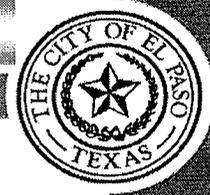
1. Develop a uniform criteria for location of Commercial Vehicle Zones (CVZ's). Consolidate existing CVZ's (several levels of consolidation plans available).
2. Reduce current number of CVZ's:
 - If a block does not have a CVZ, then a CVZ will not be added.
 - If a block has two (2) CVZ's, then one (1) CVZ will be removed.
 - If a block has three (3) or more CVZ's, then only two (2) CVZ's will remain.
 - Convert removed CVZ's to Metered Parking (*see Example next page*).
3. Locate CVZ's in Alleys where practical and feasible.
4. Parking of Commercial Vehicles in CVZ's between (6:00AM and 8:00AM) and between (6:00PM and 7:00PM) will remain free.
5. Institute a CVZ Permit similar to the Houston Commercial Vehicle Loading Zone Permit (**Recommend**: \$100/Vehicle/Year, for 30 minutes maximum parking time).
6. Parking of Commercial Vehicles in CVZ's located in Alleys will require a valid Permit.
7. Install Parking Meters at all on-street CVZ's to allow Commercial Vehicles without Permits to pay a meter fee (**Recommend**: \$2.00 per 30 minutes).



Example: Commercial Loading Zone Reductions

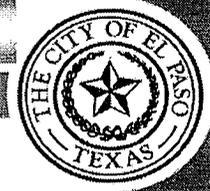
(See previous page)

AREA	BLOCKS	CVZ	CURRENT CVZ / BLOCK	PROPOSED CVZ	PROPOSED CVZ / BLOCK	NEW PARKING METERS
I	49	54	1.1	35	0.7	28
II	25	63	2.5	32	1.3	41
III	30	30	1.0	21	0.7	18
IV	12	8	0.7	6	0.5	4



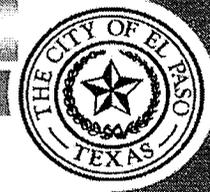
Recommendations for Area 5

1. Keep the existing Loading Zone and enforce the new Commercial Vehicle Zone (CVZ) Permits.
2. Develop an uniform criteria for location of CVZ's.
3. Consider new CVZ's where needed or requested by adjoining businesses.
4. Install parking meters in selected areas:
 - a) In the Hospitals area.
 - b) Cincinnati Entertainment Area.
 - c) Where feasible between Schuster and Mississippi.
 - d) Install angle parking with parking meters where feasible to maximize the number of on-street parking spaces.



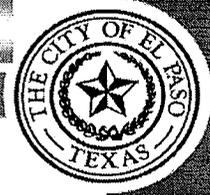
Alley Options

- Remove all non-official Loading and No-Parking signs, and non-official pavement markings.
- Remove illegal fences and blocking devices.
- Increase enforcement of violations (Parking, Encroachments).
- Do not allow parking of passenger vehicles in Alleys.
- Allow Loading Zones in Alleys.
- Restrict the location of Loading Zones and dumpsters to one side of the Alley.
- Enforce Permitting and Special Privilege requirements on all encroachments (Dumpsters, Stairs, etc.,)



Reserved On-Street Parking & Parking Meter Time Limits Extension

1. Convert all Reserved Official Parking spaces to metered parking spaces where practical (**Where No additional cost will be added to General Fund**).
2. Convert all Hotel Zones to short-term metered parking spaces (20 or 40 minutes) or Valet Parking with annual Permit (**Need to create a Valet Parking Permit**).
3. In the Central Business District (CBD), the parking meters fee will be required everyday, including Sundays, except on officially designated city holidays, and hours when the parking meter fee is specifically exempted by city council resolution for special events (**Requires input from PD – DMD-CBA may support the idea**).
4. In designated Entertainment Areas, the parking meter fee will be required beyond 6:00 PM, up to 10:00 PM (or later?), Thursdays through Saturdays?, except on officially designated city holidays, and hours when the parking meter fee is specifically exempted by city council resolution for special events (**Requires input from PD**).
5. Institute Special Event Parking Meter Fee in areas closer to venues such as Glory Road, Convention and Visitor Center, Plaza Theater (Charge a higher fee during events).



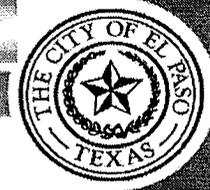
Bus & Taxi Stands and Handicapped Parking

1. Bus & Taxi Stands:

- a. Undertake a review of all Bus Stops and reduce the number through consolidation and elimination.
- b. Undertake a review of all Taxi Stands and reduce or expand the number based on demand.
- c. Combine Sun Metro and Transborde stops where possible.

2. Vehicle with HC Tags:

- a. Limit free parking, beyond zone time limits, for vehicles with HC Tags to bring them in line with rules regulating free parking for former Prisoners of War, Pearl Harbor Survivors and Disabled Veterans.



Parking Meters

1. Acquire 1,000 digital meters to provide meters that allow electronic payment in addition to coins and tokens.
2. Use additional revenue from conversion of loading zones to metered spaces and expansion of the meter program to areas outside the CBD to finance the upgrade. **A plan to replace/upgrade parking meters is under development.** The following options are under study:
 - i. Option 1: Standard Purchase with annual on-going fees.
 - ii. Option 2: Purchase with no on-going fees for five years.
 - iii. Option 3: Purchase with no on-going fees for five years (Modified Option 2)
 - iv. Option 4: Modified Option 1 with annual and transaction fees
 - v. Option 5: 60-month lease-to-own.
 - vi. Option 6: 36-month lease-to-own (**Recommended:** Option 6).
3. Identify Areas of the City with substantial on-street parking demand and Develop a plan to extend parking meter program to such areas (**Will need an idea of possible parking meter locations in Area 5).**