

ARTERIAL SEGMENT PROFILES

Last Revised: 2020



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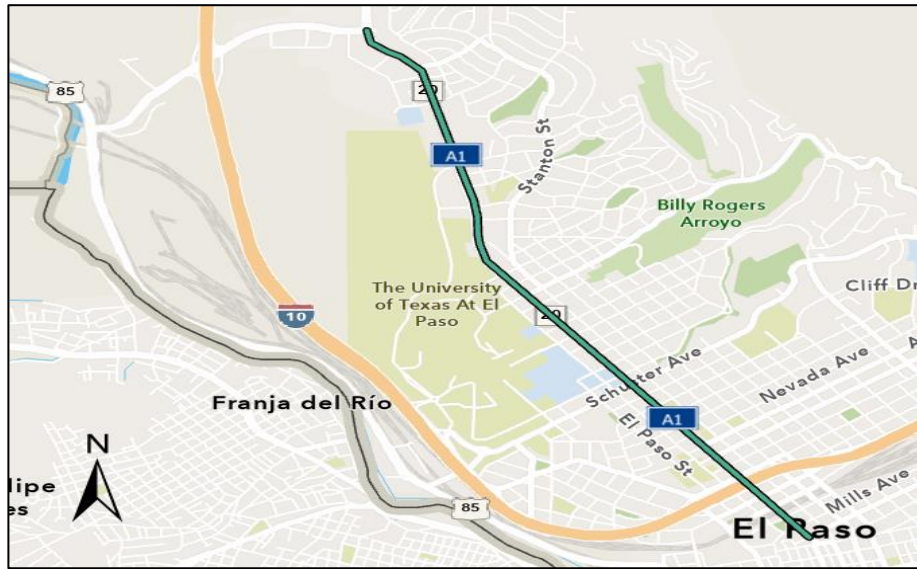
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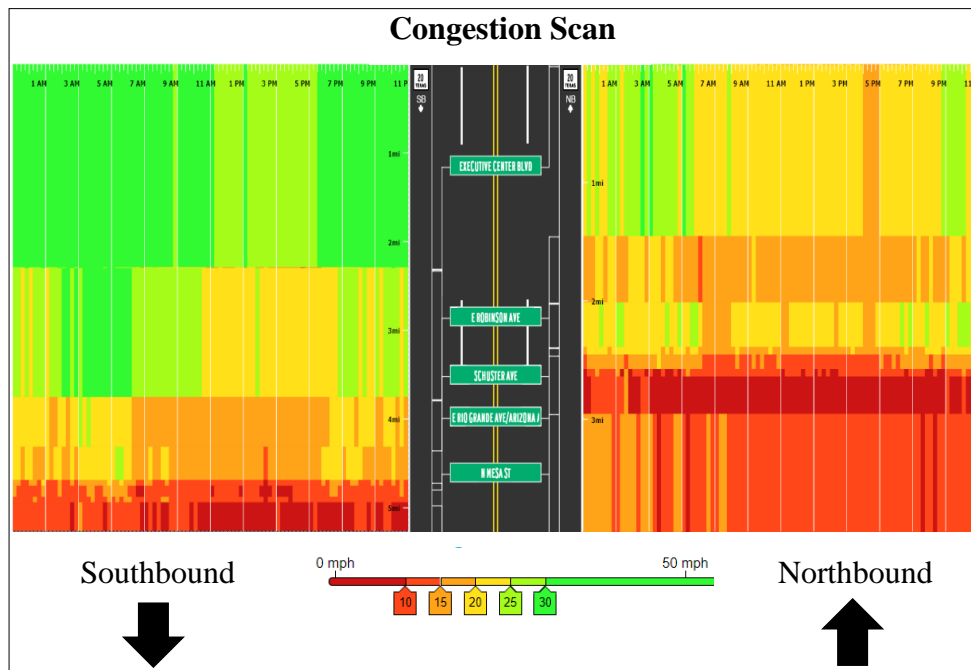
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Segment A1-N. Mesa St. / SH 20 (Executive Center Blvd. to Texas Ave.)



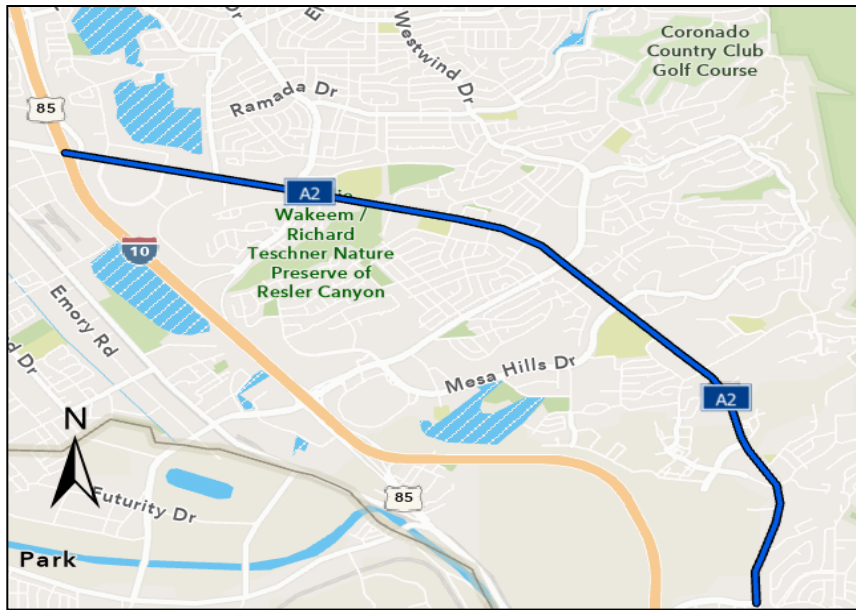
Segment Profile A1		
Length	2.9 miles	
Functional Class	Principal Arterial	
Access Control	Partial	
Lanes	2-3	
Intelligent Transportation Systems	Designated Corridor? Yes	
	ITS Deployment: Cameras	
Served by Transit?	Yes- Route 10 (Partial), Route 14, Route 15, Route 36 (Partial)	
Part of National Freight Network?	Yes	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	41,040	37,423
Truck Volume: 2019/2045 (TDM)	1,313	2,772
Posted Speed	40 mph-45 mph	
Congested Speed	22.7 mph	
Person Hours of Delay: 2018/2019	631,394	482,713
Travel Time Index: 2018/2019	1.28	1.21
Congested Cost	\$10,011,033	



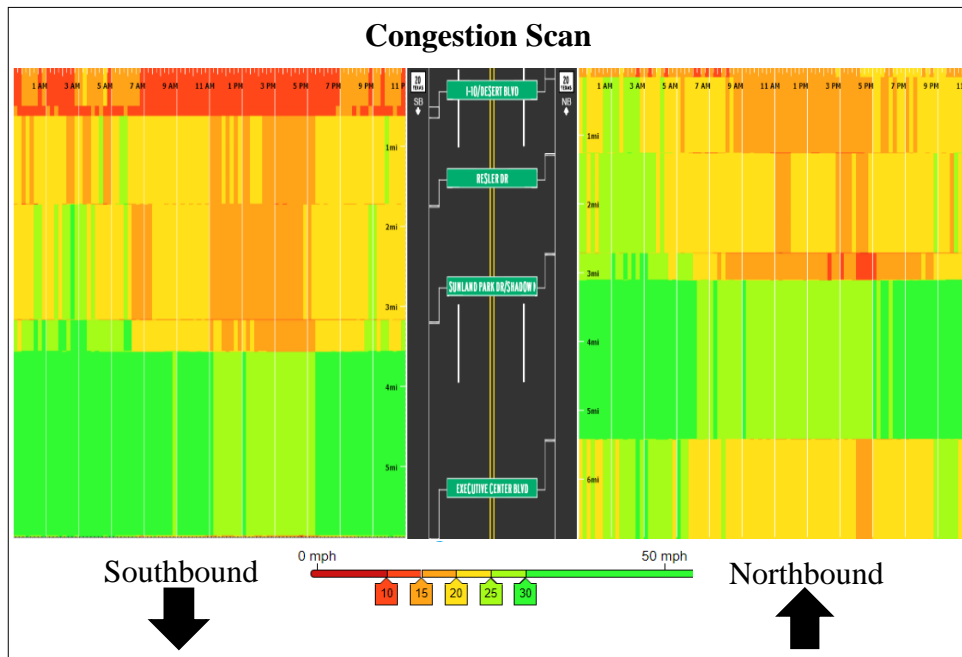
Other Corridor Characteristics

- This arterial corridor is currently under [SH-20 Corridor Study](#) for improvement strategies which include the upgrade to a Smart Corridor with the implementation of ITS technologies such as dynamic message signs (DMS) and speed feedback signs.
- The corridor is mostly surrounded by a commercial and low to medium density residential areas ([City of El Paso Planning Department](#))

Segment A2-N. Mesa St. / SH 20 (I-10 / US 85 to Executive Center Blvd.)



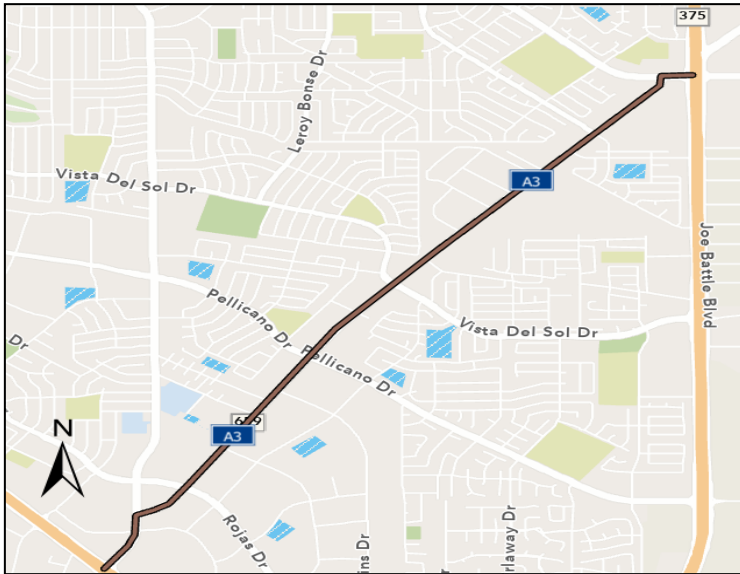
Segment Profile A2	
Length	5.3 miles
Functional Class	Prinipal Arterial
Access Control	Partial
Lanes	3
Intelligent Transportation Systems	Designated Corridor? Yes
	ITS Deployment: Cameras
Served by Transit?	Yes- Route 13, Route 14, Route 15
Part of National Freight Network?	Yes
Intermodal Connector/Facility	No
Segment Summary Data	
Daily Volume: 2019/2045 (TDM)	47,016 47,093
Truck Volume: 2019/2045 (TDM)	1,456 3,189
Posted Speed	45 mph-50 mph
Congested Speed	28 mph
Person Hours of Delay: 2018/2019	970,354 838,553
Travel Time Index: 2018/2019	1.31 1.27
Congested Cost	\$17,363,960.00



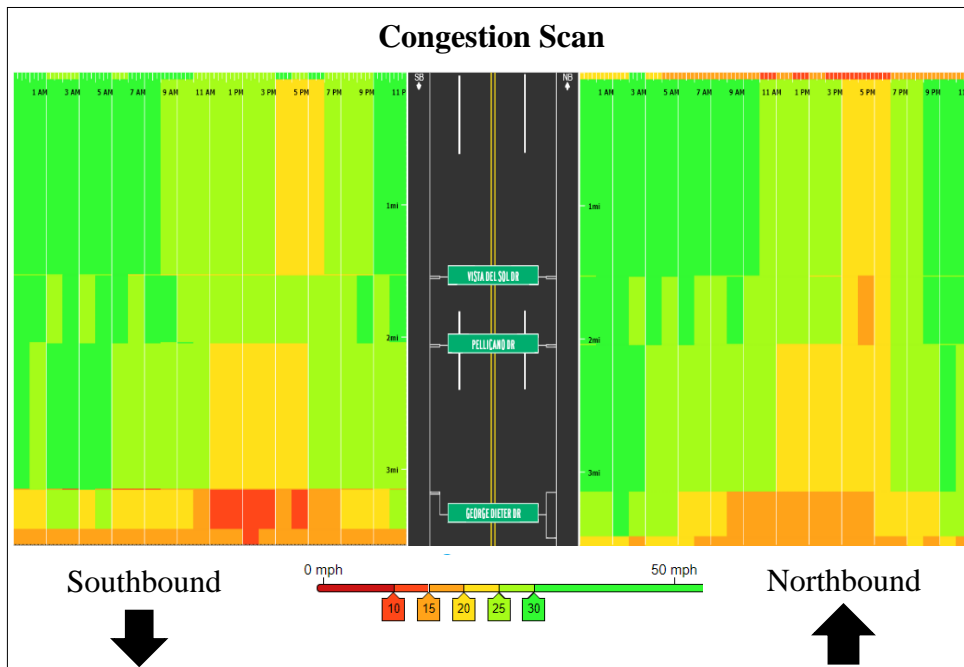
Other Corridor Characteristics

- This corridor is surrounded by low density residential areas with some scattered commercial and medium density residential areas. ([City of El Paso Planning Department](#))
- This corridor is under [SH-20 Corridor Study](#) for the implementation of ITS technologies in both short and long term. In addition, there are corridor improvement strategies which include the connection of Mesa Park Drive to the I-10.

Segment A3-N. Zaragoza Rd. / FM 659 (Gateway Blvd. to Joe Battle Blvd.)



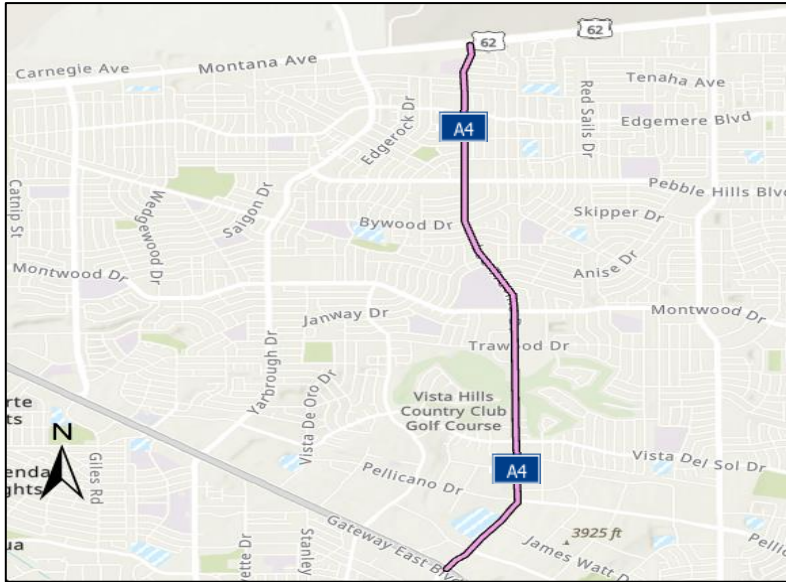
Segment Profile A3	
Length	3.6 miles
Functional Class	Prinipal Arterial
Access Control	Partial
Lanes	2-3
Intelligent Transportations Systems	Designated Corridor? Yes
	ITS Deployment: Cameras
Served by Transit?	Yes- Route 72 (Partial), Route 74 (Partial)
Part of National Freight Network?	Yes
Intermodal Connector/Facility	No
Segment Summary Data	
Daily Volume: 2019/2045 (TDM)	29,143 45,291
Truck Volume: 2019/2045 (TDM)	2,077 2,657
Posted Speed	45 mph
Congested Speed	24.4 mph
Person Hours of Delay: 2018/2019	503,756 492,058
Travel Time Index: 2018/2019	1.27 1.3
Congested Cost	\$10,815,302



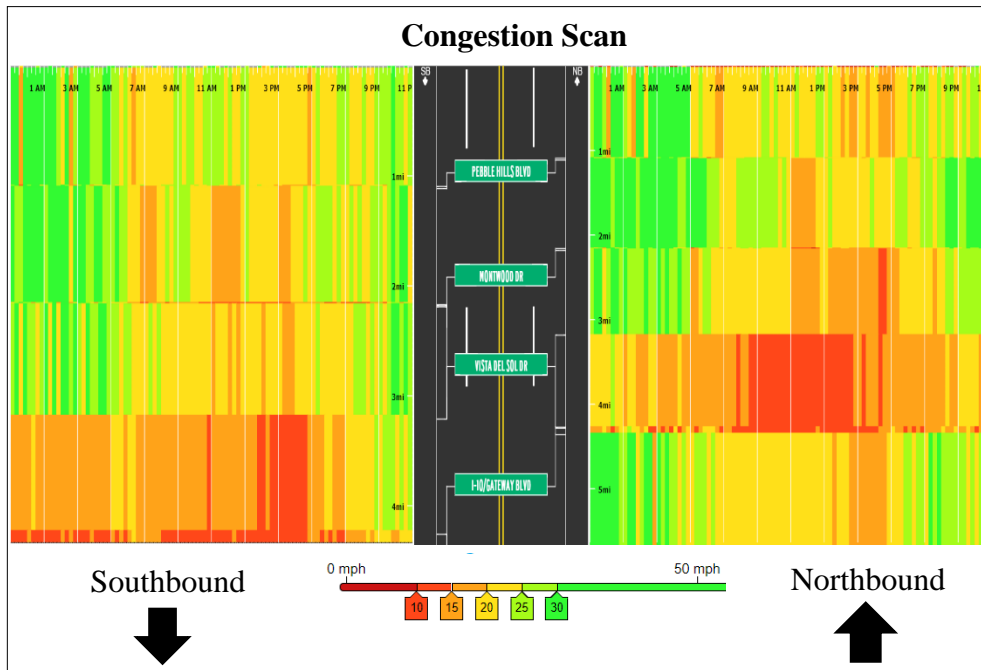
Other Corridor Characteristics

- This arterial corridor is mostly surrounded by commercial use areas with some low-density residential areas. ([City of El Paso Planning Department](#))

Segment A4-Lee Trevino (Montana Ave. / US 62 to Gateway Blvd. / I-10)



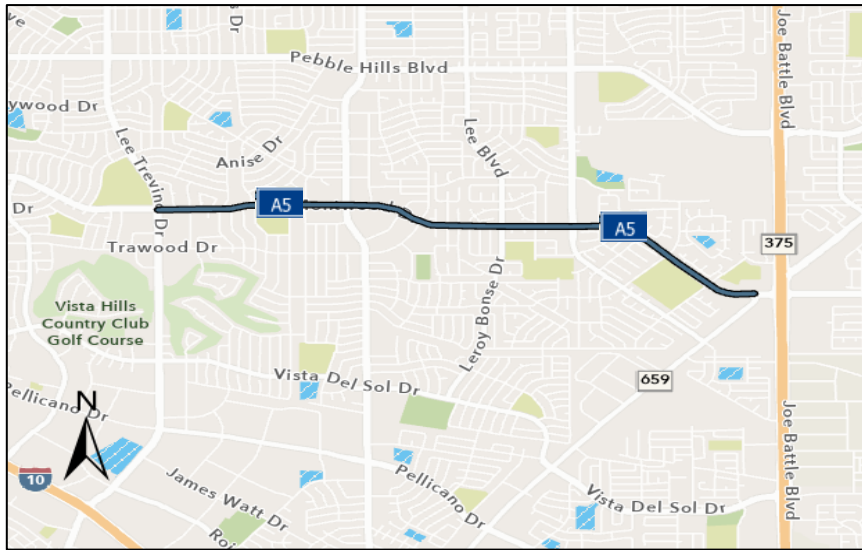
Segment Profile A4		
Length	4.3 miles	
Functional Class	Prinipal Arterial	
Access Control	Partial	
Lanes	3	
Intelligent Transportation Systems	Designated Corridor? Yes	
	ITS Deployment: Cameras	
Served by Transit?	Yes- Route 67 (Partial), Route 68	
Part of National Freight Network?	No	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	26,659	42,446
Truck Volume: 2019/2045 (TDM)	1,650	3,622
Posted Speed	35 mph-40 mph	
Congested Speed	25.3 mph	
Person Hours of Delay: 2018/2019	546,664	460,612
Travel Time Index: 2018/2019	1.32	1.27
Congested Cost	\$10,117,553	



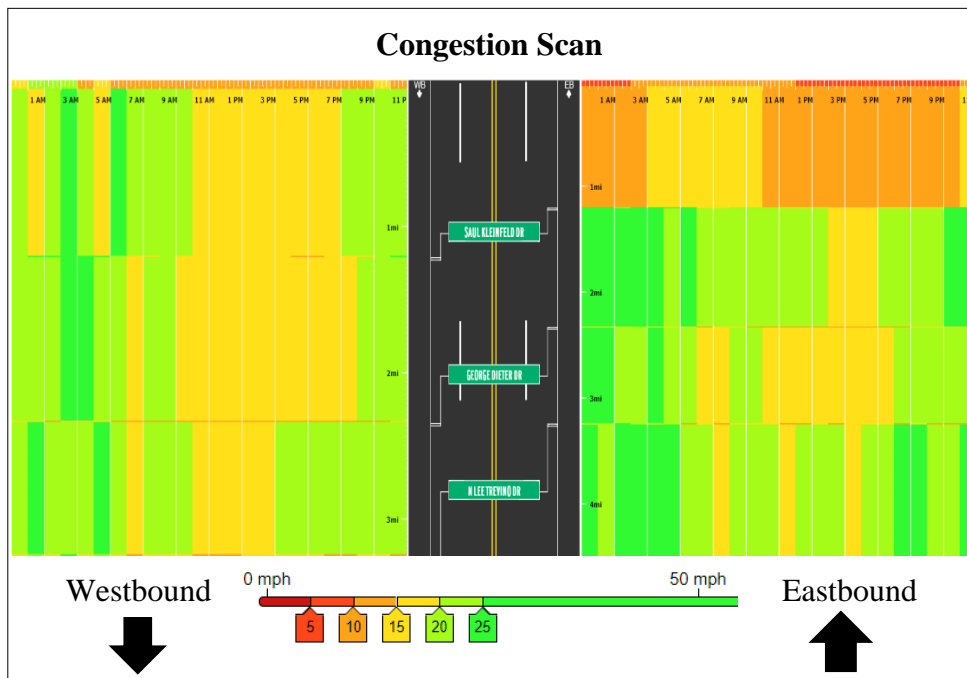
Other Corridor Characteristics

- This arterial corridor is mostly surrounded by low density residential areas with some medium density residential areas in addition to some scattered commercial use areas. ([City of El Paso Planning Department](#))
- It helps connect the area to either Montana Ave. or the I-10 for increased mobility.

Segment A5- Montwood Dr. (Lee Trevino Dr. to N. Zaragoza Rd.)



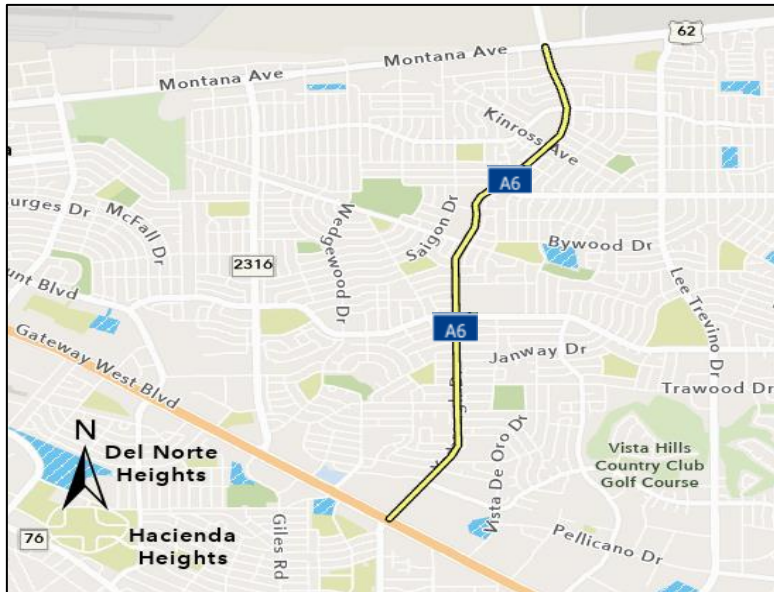
Segment Profile A5		
Length	3.1 miles	
Functional Class	Prinipal Arterial	
Access Control	Partial	
Lanes	2	
Intelligent Transportation Systems	Designated Corridor? No	
Served by Transit?	Yes- Route 53, Route 54	
Part of National Freight Network?	No	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	25,842	33,448
Truck Volume: 2019/2045 (TDM)	1,008	1,654
Posted Speed	35 mph	
Congested Speed	25.2 mph	
Person Hours of Delay: 2018/2019	340,259	270,821
Travel Time Index: 2018/2019	1.33	1.26
Congested Cost	\$5,685,335	



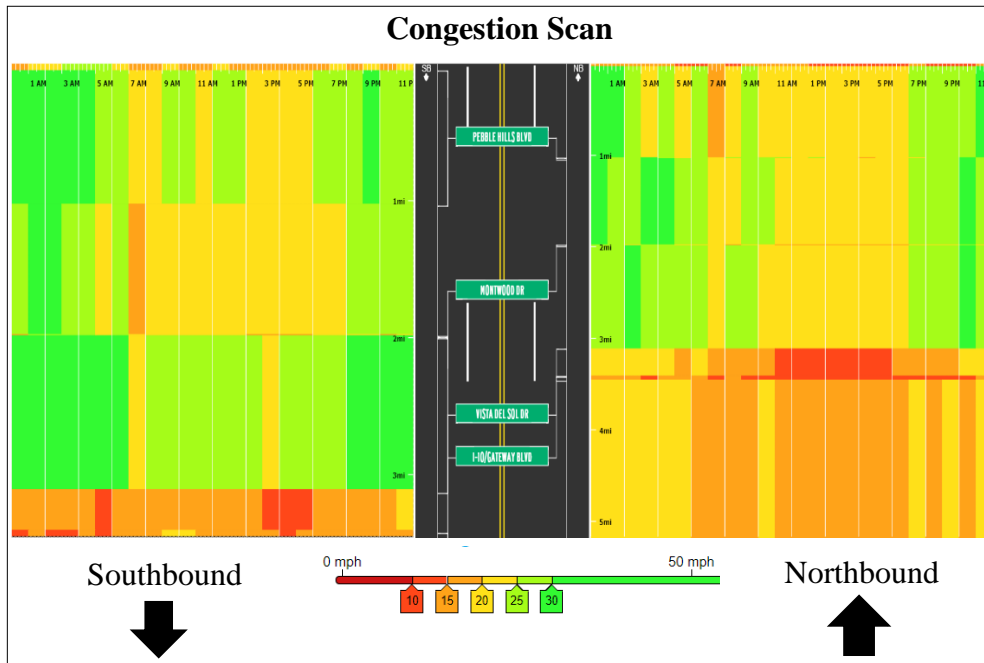
Other Corridor Characteristics

- This arterial corridor is mostly surrounded by low density residential areas with some medium density residential areas in addition to some scattered commercial use areas. ([City of El Paso Planning Department](#))
- It helps connect the area to Joe Battle Blvd. / Loop 375 for increased mobility intersecting other arterial roads including Zaragoza Rd. and Lee Trevino.

Segment A6-N. Yarbrough Dr. (Montana Ave. / Us 62 to Gateway Blvd. / I-10)



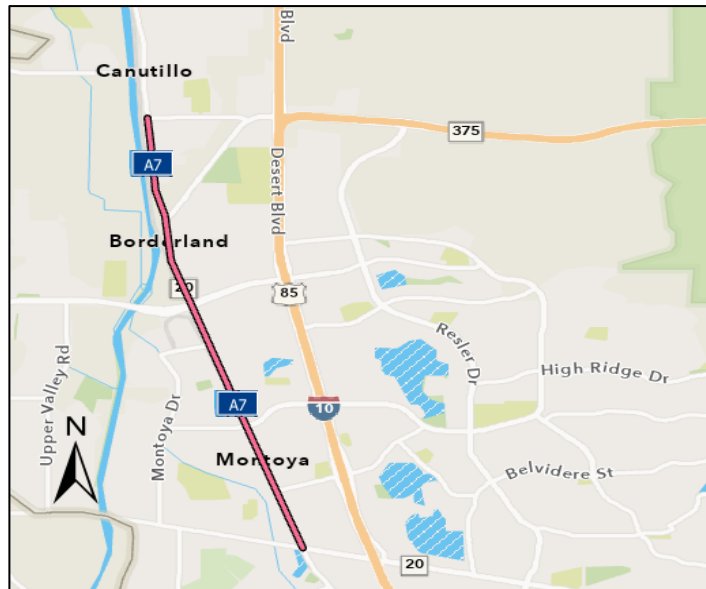
Segment Profile A6		
Length	3.4 miles	
Functional Class	Principal Arterial	
Access Control	Partial	
Lanes	2	
Intelligent Transportation Systems	Designated Corridor? No	
Served by Transit?	Yes- Route 52 (Partial), Route 58 (Partial), Route 67, Route 68 (Partial)	
Part of National Freight Network?	No	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	26,877	37,992
Truck Volume: 2019/2045 (TDM)	906	4,314
Posted Speed	40 mph	
Congested Speed	26.3 mph	
Person Hours of Delay: 2018/2019	250,139	277,364
Travel Time Index: 2018/2019	1.21	1.24
Congested Cost	\$5,776,568	



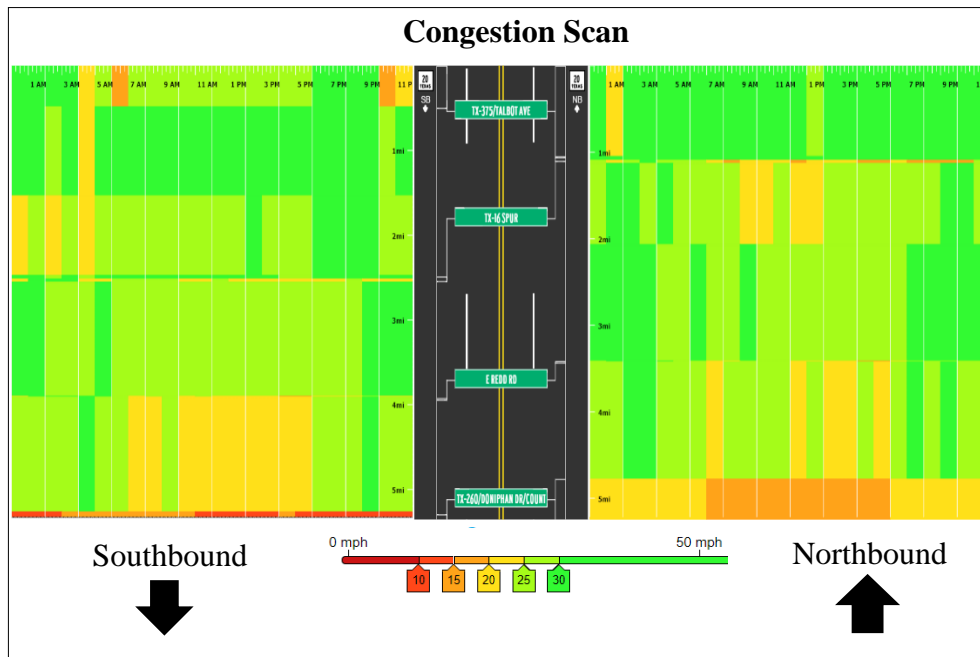
Other Corridor Characteristics

- This arterial corridor is mostly surrounded by low density residential areas with some medium density residential areas. ([City of El Paso Planning Department](#))
- It helps connect the area to either Montana Ave. or the I-10 for increased mobility.

Segment A7- Doniphan / SH 20 (Tabolt Ave. / SL 375 to Canam Hwy. / US 180)



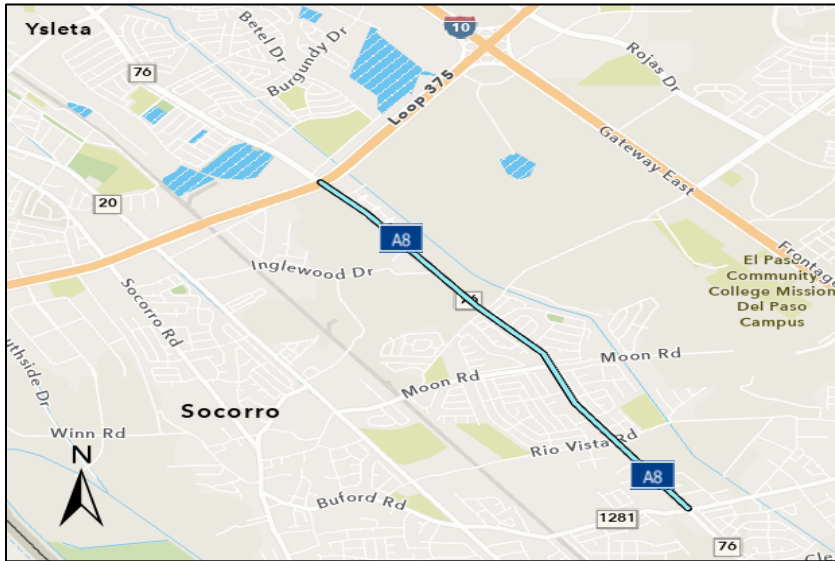
Segment Profile A7		
Length	4.8 miles	
Functional Class	Principal Arterial	
Access Control	Partial	
Lanes	2	
Intelligent Transportation Systems	Designated Corridor? Yes	
	ITS Deployment: Cameras	
Served by Transit?	Yes- Route 12, Route 17 (Partial)	
Part of National Freight Network?	Yes	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	22,483	19,180
Truck Volume: 2019/2045 (TDM)	897	1,025
Posted Speed	40 mph-55 mph	
Congested Speed	32.6 mph	
Person Hours of Delay: 2018/2019	233,241	152,598
Travel Time Index: 2018/2019	1.15	1.11
Congested Cost	\$3,249,822	



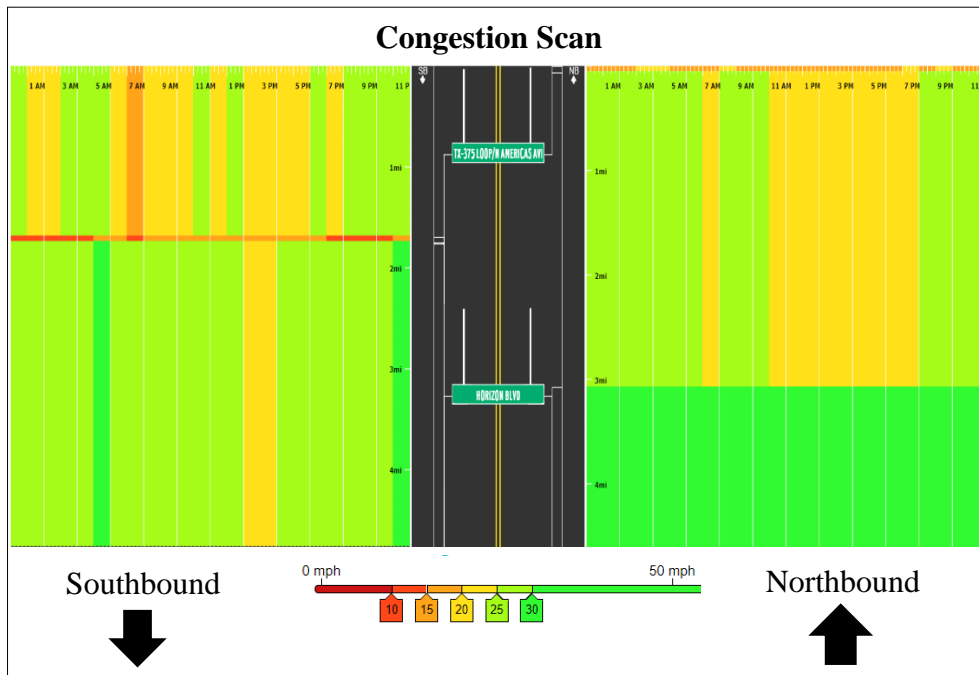
Other Corridor Characteristics

- The corridor is mostly surrounded by low and medium density residential use area with some commercial and industrial areas. ([City of Paso Planning Department](#))
- This corridor is under [Doniphan Drive Corridor Plan](#) for the implementation of improvement strategies including sidewalks, illumination, and intersection improvements as well as a long-term strategy to widen the corridor to a 6-lanes divided corridor.

Segment A8-N. Loop Dr. / FM 76 (N. Americas Ave. / SL 375 to Horizon Blvd.)



Segment Profile A8	
Length	3 miles
Functional Class	Principal Arterial
Access Control	Partial
Lanes	2
Intelligent Transportation Systems	Designated Corridor? No
Served by Transit?	No
Part of National Freight Network?	Yes
Intermodal Connector/Facility	No
Segment Summary Data	
Daily Volume: 2019/2045 (TDM)	20,512 29,576
Truck Volume: 2019/2045 (TDM)	1,054 1,604
Posted Speed	40 mph-45 mph
Congested Speed	29.6 mph
Person Hours of Delay: 2018/2019	205,219 132,676
Travel Time Index: 2018/2019	1.28 1.16
Congested Cost	\$2,914,832



Other Corridor Characteristics

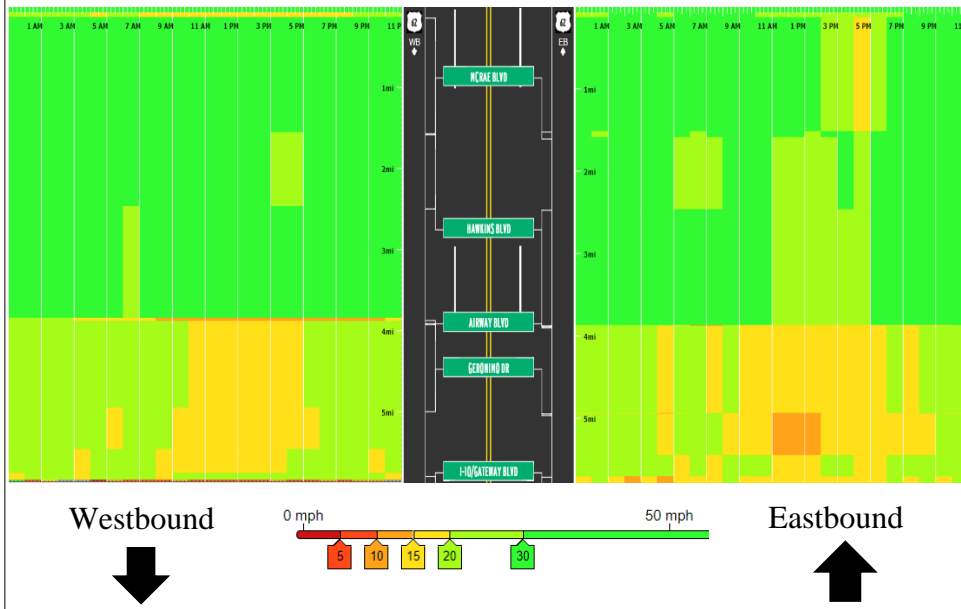
- This arterial corridor helps connect Far East El Paso to Loop 375. Its is surrounded by commercial and low-density residential areas and several ranch and farm districts. ([City of El Paso Planning Department](#))

Segment A9-Montana Ave. / US 62 (Gateway Blvd / I-10 to Global Reach Dr.)



Segment Profile A9	
Length	5.6 miles
Functional Class	Principal Arterial
Access Control	Partial
Lanes	3
Intelligent Transportation Systems	Designated Corridor? Yes ITS Deployment: Camera, Dynamic Message Sign (DMS)
Served by Transit?	Yes-Express Route 5 & 6; Route 25, Route 33 (Partial), Route 50, Route 58
Part of National Freight Network?	Yes
Intermodal Connector/Facility	No
Segment Summary Data	
Daily Volume: 2019/2045 (TDM)	28,727 48,750
Truck Volume: 2019/2045 (TDM)	4,632 4,463
Posted Speed	40 mph-55 mph
Congested Speed	33.2 mph
Person Hours of Delay: 2018/2019	398,037 346,646
Travel Time Index: 2018/2019	1.2 1.23
Congested Cost	\$9,278,201

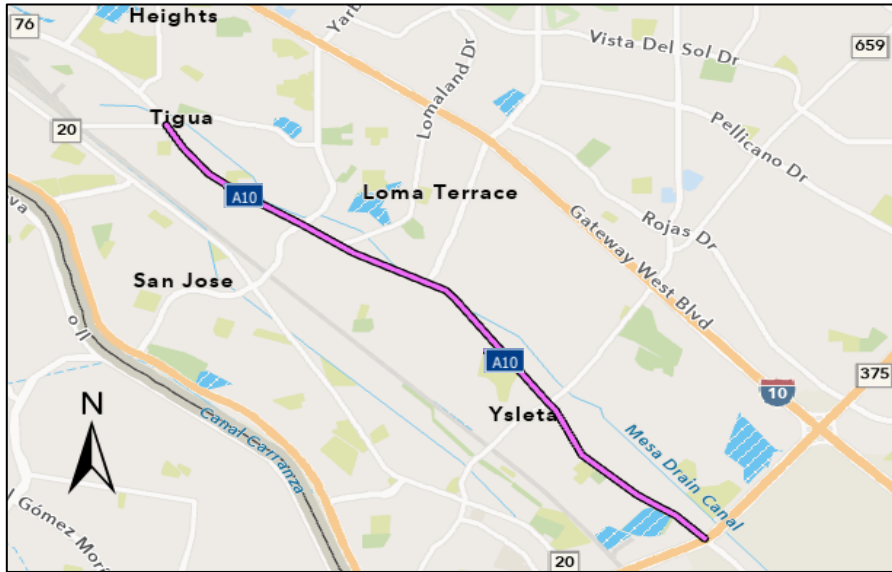
Congestion Scan



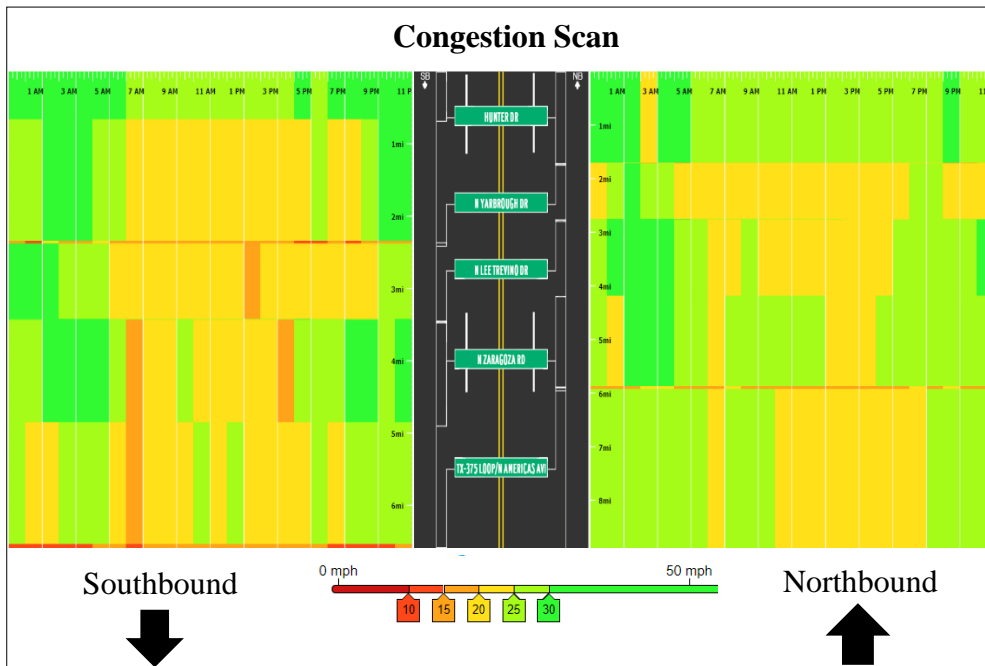
Other Corridor Characteristics

- This corridor helps connect to El Paso International Airport. It is mostly surrounded by low density residential and commercial areas with some light manufacturing and medium density residential areas. ([City of El Paso Planning Department](#))

Segment A10-N. Loop Dr. / FM 76 (North Carolina Dr. to N. Americas Ave / SL 375)



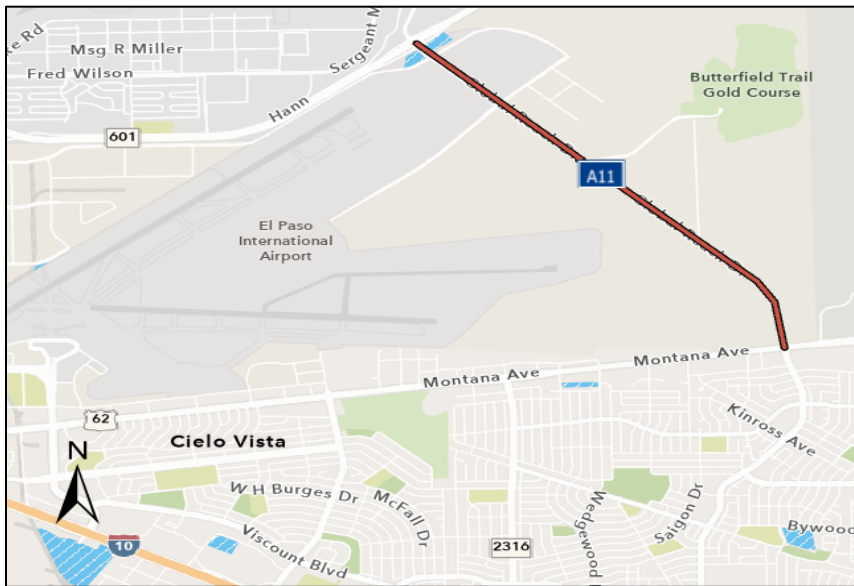
Segment Profile A10		
Length	5.5 miles	
Functional Class	Principal Arterial	
Access Control	Partial	
Lanes	2-3	
Intelligent Transportation Systems	Designated Corridor? Yes	
	ITS Deployment: Cameras	
Served by Transit?	Yes- Route 63, Route 68, Route 86	
Part of National Freight Network?	Yes	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	21,964	22,827
Truck Volume: 2019/2045 (TDM)	1,088	967
Posted Speed	40 mph	
Congested Speed	27.6 mph	
Person Hours of Delay: 2018/2019	357,726	339,912
Travel Time Index: 2018/2019	1.24	1.24
Congested Cost	\$7,316,218	



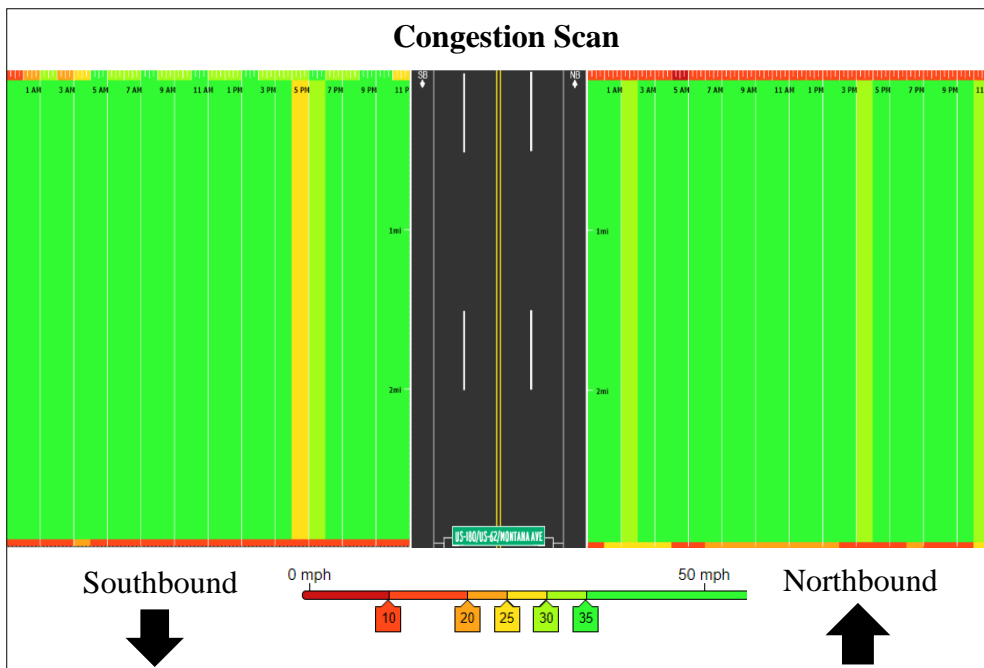
Other Corridor Characteristics

- This arterial corridor is mostly surrounded by low density residential areas with some scattered commercial and medium density residential areas. ([City of El Paso Planning Department](#))

Segment A11-Global Reach Dr. (Liberty Expy. / Spur 601 to Montana Ave. / US 62)



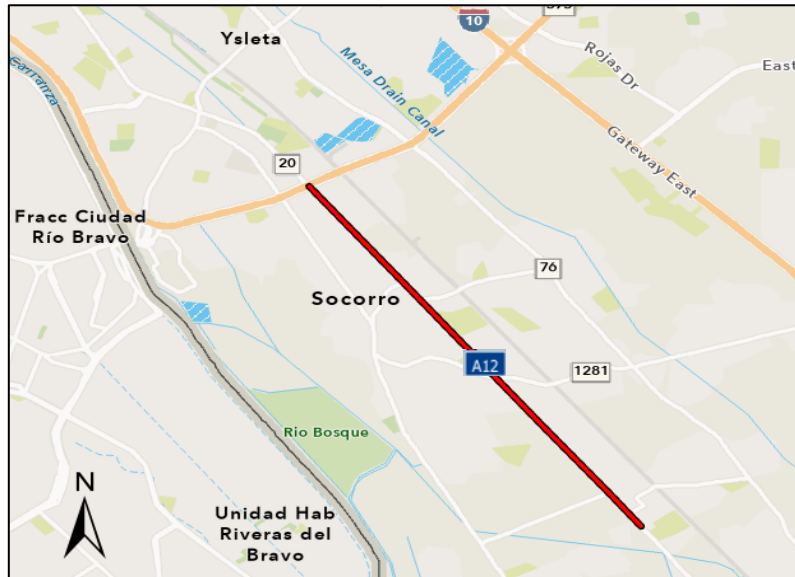
Segment Profile A11		
Length	2.9 miles	
Functional Class	Principal Arterial	
Access Control	Partial	
Lanes	3	
Intelligent Transportation Systems	Designated Corridor? No	
Served by Transit?	No	
Part of National Freight Network?	No	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	22,703	71,054
Truck Volume: 2019/2045 (TDM)	956	5,385
Posted Speed	50 mph	
Congested Speed	44.3 mph	
Person Hours of Delay: 2018/2019	91,089	50,504
Travel Time Index: 2018/2019	1.13	1.07
Congested Cost	\$1,049,790	



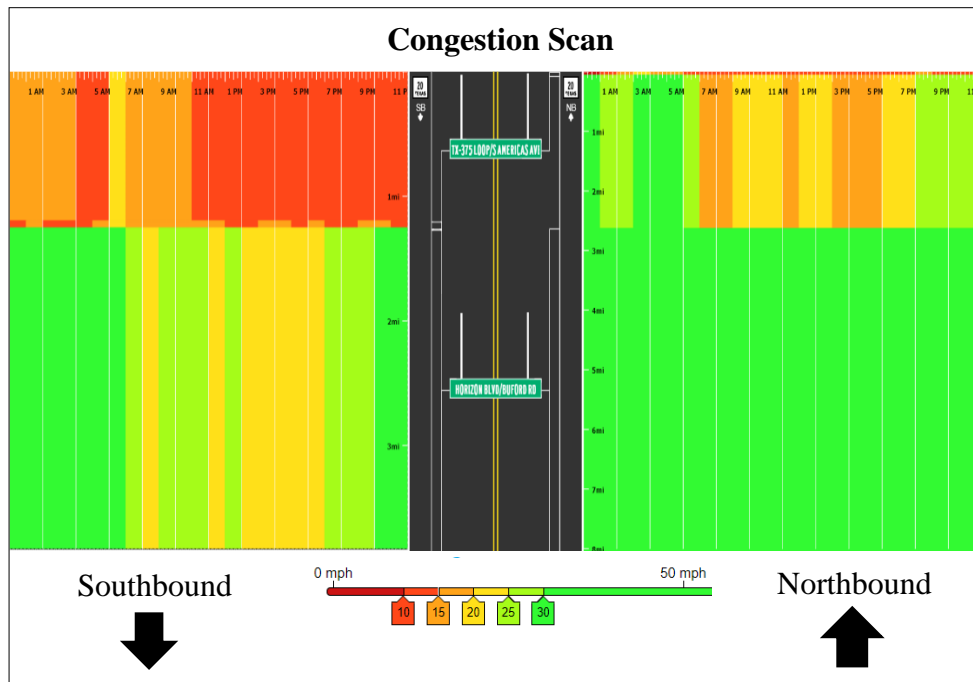
Other Corridor Characteristics

- This corridor helps connect Liberty Expressway coming from US 54 to Montana Ave. surrounding El Paso International Airport.
- It is mainly surrounded by manufacturing use areas with some commercial. ([City of El Paso Planning Department](#))

Segment A12-Alameda Ave. / SH 20 (Americas Ave. / Loop 375 to Passmore Rd.)



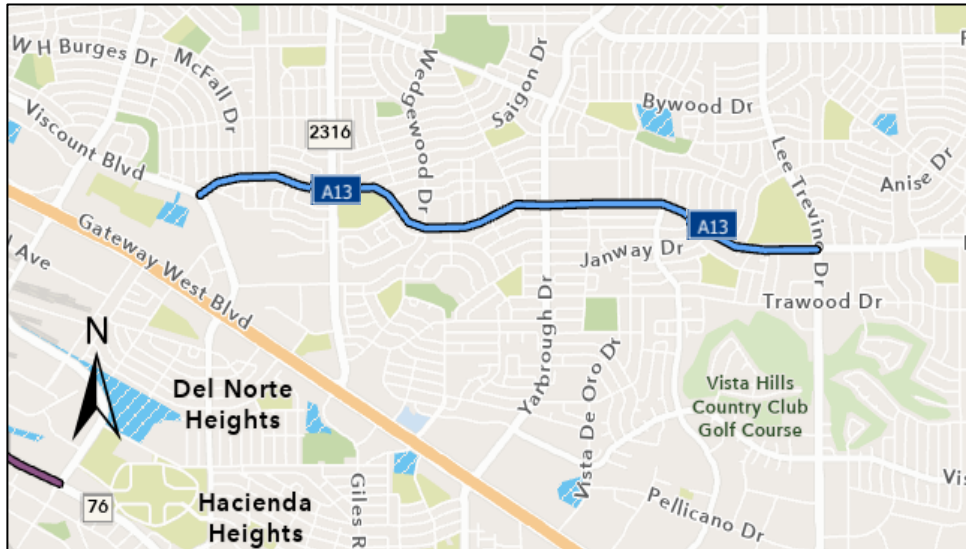
Segment Profile A12		
Length	4.6 miles	
Functional Class	Principal Arterial	
Access Control	Partial	
Lanes	2	
Intelligent Transportation Systems	Designated Corridor? No	
Served by Transit?	Yes- Route 60, Route 84	
Part of National Freight Network?	Yes	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	22,834	35,496
Truck Volume: 2019/2045 (TDM)	911	2,039
Posted Speed	45 mph-55 mph	
Congested Speed	32.8 mph	
Person Hours of Delay: 2018/2019	256,261	334,697
Travel Time Index: 2018/2019	1.3	1.28
Congested Cost	\$6,978,554	



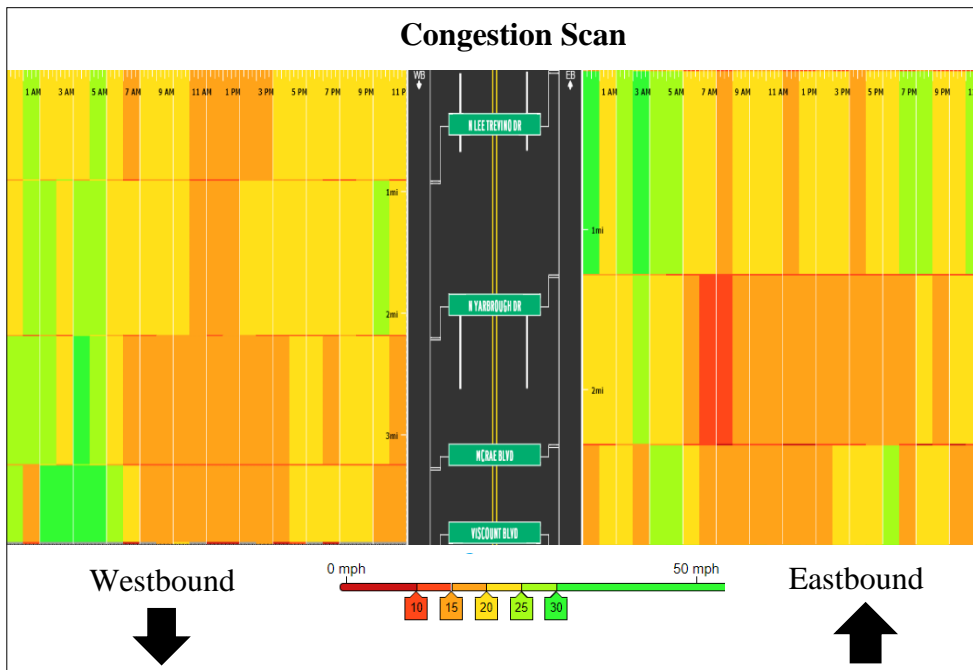
Other Corridor Characteristics

- This corridor is surrounded by low density residential areas in addition to some light manufacturing and ranch and farm districts. ([City of El Paso Planning Department](#))
- Proposed improvements under the [SH 20 Corridor Study](#) include the widening of the corridor with the incorporation of 14-foot outside lanes and sidewalk improvements.

Segment A13-Montwood Dr. (Viscount Blvd. to Lee Trevino)



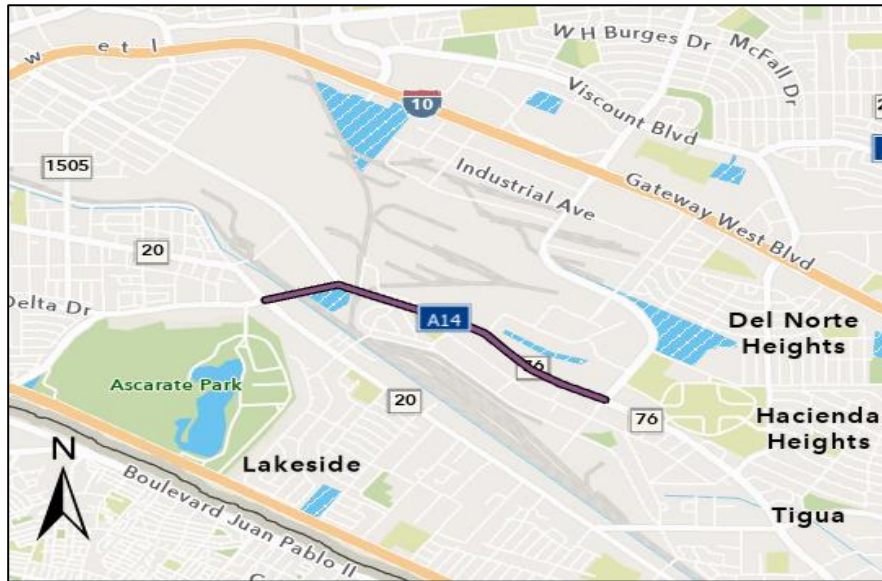
Segment Profile A13		
Length	3 miles	
Functional Class	Principal Arterial	
Access Control	Partial	
Lanes	2	
Intelligent Transportation Systems	Designated Corridor? No	
Served by Transit?	Yes- Route 51, Route 53	
Part of National Freight Network?	No	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	18,163	33,046
Truck Volume: 2019/2045 (TDM)	708	1,737
Posted Speed	35 mph	
Congested Speed	25.4 mph	
Person Hours of Delay: 2018/2019	177,221	157,320
Travel Time Index: 2018/2019	1.21	1.19
Congested Cost	\$3,301,363	



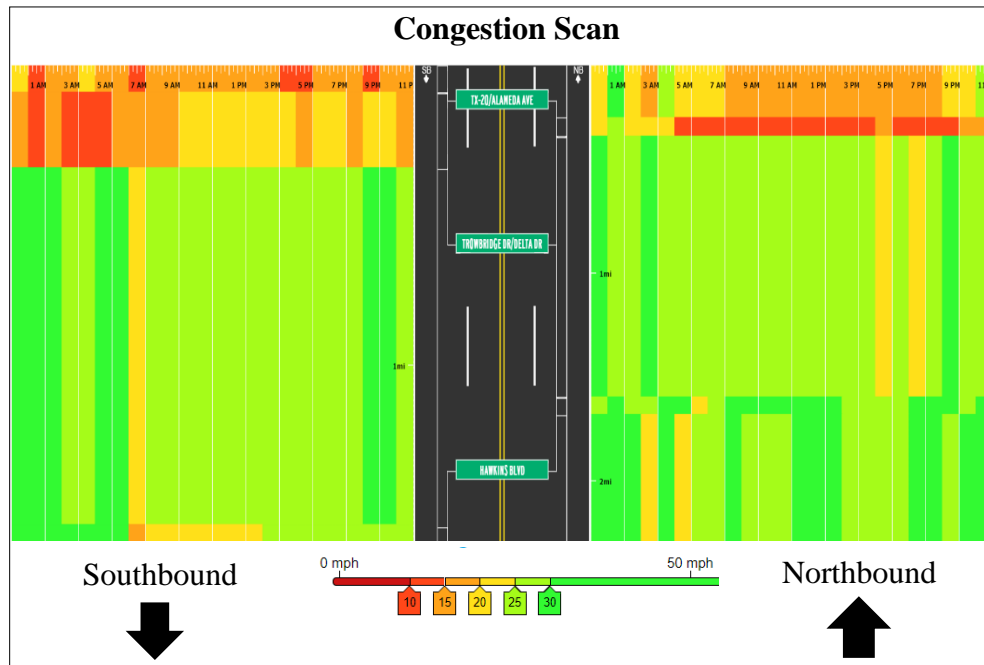
Other Corridor Characteristics

- This corridor runs through mostly low-density residential areas with some commercial and medium density residential areas. ([City of El Paso Planning Department](#))
- It intersects other arterial corridors such as Lee Trevino and Yarbrough, which help commuters connect to I-10 and Montana Ave.

Segment A14-Delta / North Loop (Alameda Ave. to Hawkins Blvd)



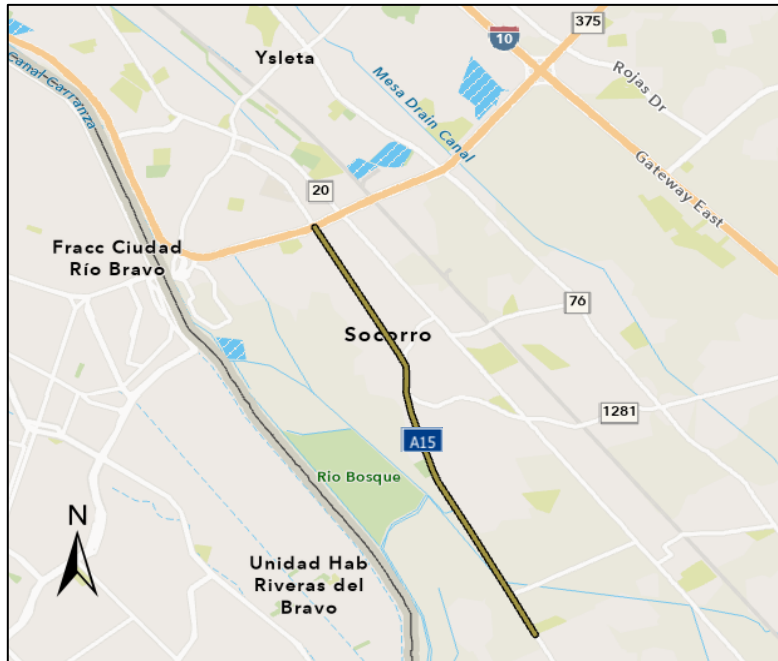
Segment Profile A14		
Length	1.6 miles	
Functional Class	Principal Arterial	
Access Control	Partial	
Lanes	3	
Intelligent Transportation Systems	Designated Corridor? Yes	
	ITS Deployment: Cameras	
Served by Transit?	Yes- Route 65, Route 66	
Part of National Freight Network?	Yes	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	17,960	39,614
Truck Volume: 2019/2045 (TDM)	988	1,432
Posted Speed	40 mph	
Congested Speed	30.1 mph	
Person Hours of Delay: 2018/2019	50,560	53,728
Travel Time Index: 2018/2019	1.13	1.1
Congested Cost	\$1,186,599	



Other Corridor Characteristics

- This corridor is primarily surrounded by heavy industrial use areas with some medium density residential areas. ([City of El Paso Planning Department](#))

Segment A15-Socorro Rd. / FM 258 (Americas Ave. / Loop 375 to Passmore Rd.)

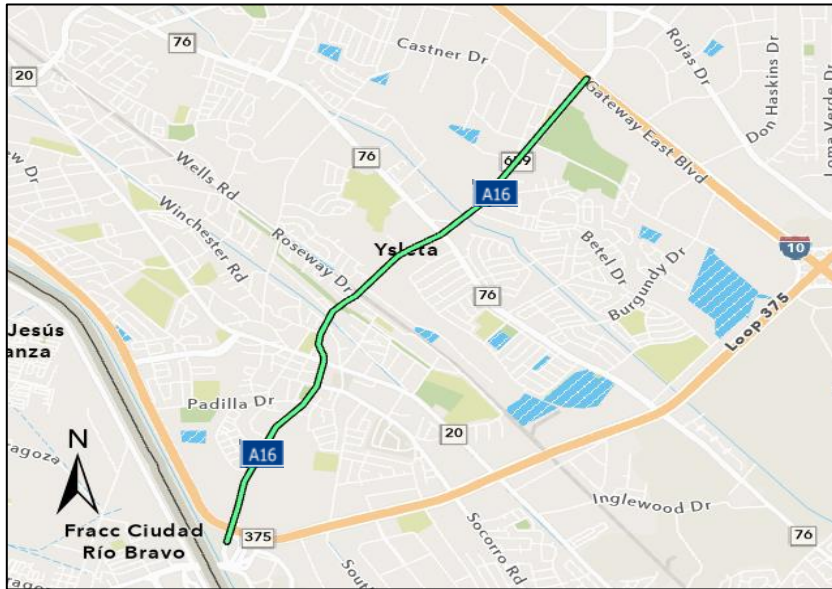


Other Corridor Characteristics

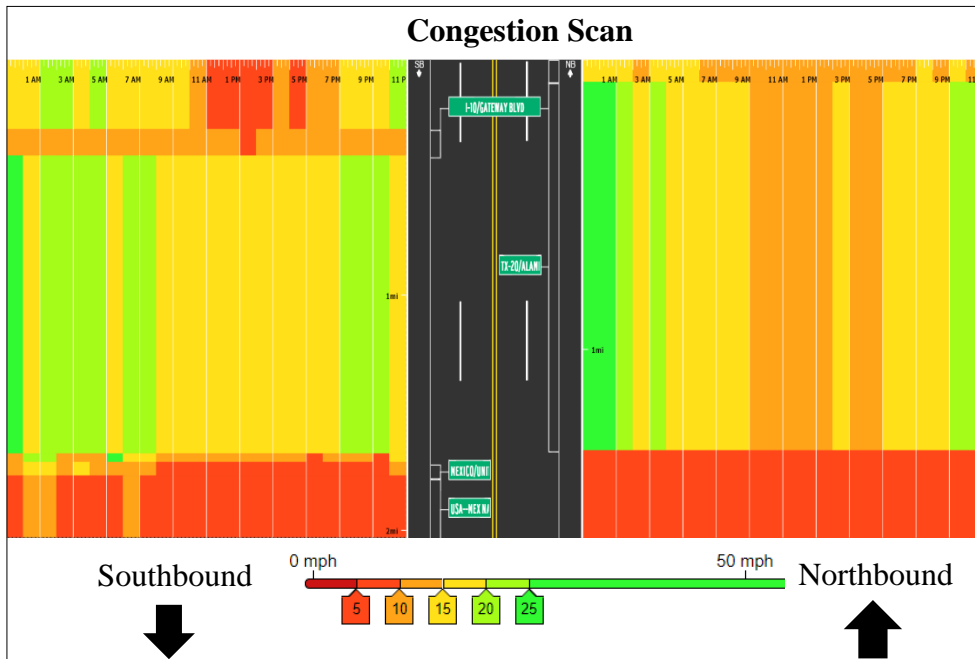
- The corridor is surrounded by some light manufacturing and ranch and farm district along with low density residential areas. ([City of El Paso Planning Department](#))
- Proposed improvements to the corridor include operational improvements and intersection improvement at Loop 375.

Segment Profile A15		
Length	4.6 miles	
Functional Class	Minor Arterial	
Access Control	Partial	
Lanes	1	
Intelligent Transportation Systems	Designated Corridor? No	
Served by Transit?	Yes- Route 60, Route 84	
Part of National Freight Network?	No	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	15,568	11,592
Truck Volume: 2019/2045 (TDM)	988	709
Posted Speed	40 mph-50 mph	
Congested Speed	33.4 mph	
Person Hours of Delay: 2018/2019	43,519	51,718
Travel Time Index: 2018/2019	1.04	1.05
Congested Cost	\$1,134,002	

Segment A16-Zaragoza Rd. (Waterfill to Gateway Blvd. / I-10)



Segment Profile A16		
Length	3.7 miles	
Functional Class	Principal Arterial	
Access Control	Partial	
Lanes	2	
Intelligent Transportation Systems	Designated Corridor? No	
Served by Transit?	Yes- Express Route 5 & 6; Route 60, Route 63, Route 68, Route 69	
Part of National Freight Network?	Yes; Partially	
Intermodal Connector/Facility	No	
Segment Summary Data		
Daily Volume: 2019/2045 (TDM)	49,353	25,076
Truck Volume: 2019/2045 (TDM)	3,296	1,327
Posted Speed	35 mph-45 mph	
Congested Speed	22.3 mph	
Person Hours of Delay: 2018/2019	347,651	360,947
Travel Time Index: 2018/2019	1.26	1.26
Congested Cost	\$7,907,499	



Other Corridor Characteristics

- This corridor is surrounded by low and medium density residential areas with some scattered commercial and low intensity manufacturing areas and two ranch and farm districts. ([City of El Paso Planning Department](#))
- This corridor is connected to the Zaragoza Port of entry which may result in increased traffic, particularly trucks.