

**El Paso
Metropolitan Planning Organization**

TRANSPORTATION PROJECT ADVISORY COMMITTEE AGENDA PROJECT SUMMARY

January 5, 2021

AGENDA ITEM NO. 3:

Discussion and action to adopt the State of Texas 2022 Safety Performance Measure (PM1) Targets

RECOMMENDED ACTION:

MPO Staff recommends approval

SUPPORT INFORMATION:

- NMDOT and TXDOT PM-1 Targets (Presentation)
- TXDOT 2022 Strategic Highway Safety Plan (SHSP) Performance targets

DISCUSSION/OPTIONS:

Item to be discussed during the Transportation Project Advisory Committee Meeting.



2022 Safety Performance Measure (PM 1) Targets

Transportation Project Advisory Committee

January 5, 2022

Texas PM1 Safety Targets (expressed as 5-year Moving average):

Performance Measure	2021	2022
Total number of traffic fatalities	3,840	3,563
Total number of serious injuries	17,394	16,677
Fatalities per 100 million vehicle miles traveled	1.406	1.270
Serious Injuries per 100 million vehicle miles traveled	6.286	5.760
Total number of non-motorized fatalities and serious injuries	2,285	2,367

New Mexico PM1 Safety Targets (expressed as 5-year Moving average):

Performance Measure	2021	2022
Total number of traffic fatalities	411.6	421.9
Total number of serious injuries	1,030.5	1,030.5
Fatalities per 100 million vehicle miles traveled	1.486	1.645
Serious Injuries per 100 million vehicle miles traveled	3.722	3.842
Total number of non-motorized fatalities and serious injuries	200.0	190.6

FY2022 STRATEGIC HIGHWAY SAFETY PLAN (SHSP) PERFORMANCE TARGETS

Performance Measures and Target Setting – The Texas Transportation Commission (TTC) adopted Minute Order 115481 in May of 2019, directing the Texas Department of Transportation (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 has modified its performance measures and target calculations accordingly.

Performance Targets:

Target: Total number of traffic fatalities

2022 Target: To decrease the expected rise of fatalities to not more than a five-year average of 3,563 fatalities in 2022. The 2022 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2018	3,648	FARS
2019	3,615	ARF
2020	3,896	CRIS
2021	3,384	Target
2022	3,272	Target
2022 Target expressed as 5-year average		3,563

As noted in the table above, the calendar year target for 2022 would be 3,272 fatalities.

Target: Total number of serious injuries

2022 Target: To decrease the expected rise of serious injuries to not more than a five-year average of 16,677 serious injuries in 2022. The 2022 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2018	14,975	CRIS
2019	15,855	CRIS
2020	14,656	CRIS
2021	18,835	Target
2022	19,065	Target
2022 Target expressed as 5-year average		16,677

As noted in the table above, the calendar year target for 2022 would be 19,065 serious injuries.

FY2022 STRATEGIC HIGHWAY SAFETY PLAN (SHSP)
PERFORMANCE TARGETS

Target: Fatalities per 100 million vehicle miles traveled

2022 Target: To decrease the expected rise of fatalities per 100 MVMT to not more than a five-year average of 1.27 fatalities per 100 MVMT in 2022. The 2022 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2018	1.29	FARS
2019	1.25	ARF
2020	1.33	CRIS
2021	1.24	Target
2022	1.23	Target
2022 Target expressed as 5-year average		1.27

As noted in the table above, the calendar year target for 2022 would be 1.23 fatalities per 100 MVMT.

Target: Serious Injuries per 100 million vehicle miles traveled

2022 Target: To decrease the serious injuries per 100 MVMT to not more than a five-year average of 5.76 serious injuries per 100 MVMT in 2022. The 2022 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2018	5.31	CRIS
2019	5.50	CRIS
2020	5.00	CRIS
2021	6.51	Target
2022	6.47	Target
2022 Target expressed as 5-year average		5.76

As noted in the table above, the calendar year target for 2022 would be 6.47 serious injuries per 100 MVMT.

FY2022 STRATEGIC HIGHWAY SAFETY PLAN (SHSP)
PERFORMANCE TARGETS

Target: Total number of non-motorized fatalities and serious injuries

2022 Target: To decrease the expected rise of non-motorized fatalities and serious injuries to not more than a five year average of 2,367 non-motorized fatalities and serious injuries in 2022. The 2022 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2018	2,104	FARS-CRIS
2019	2,291	ARF-CRIS
2020	2,238	CRIS
2021	2,560	Target
2022	2,642	Target
2022 Target expressed as 5-year average		2,367

As noted in the table above, the calendar year target for 2022 would be 2,642 non-motorized fatalities and serious injuries.