# APPENDIX 2 (Revision \#1) <br> State Regions and Coverage Area Definitions 

## Region 1

- Anne Arundel County
- Baltimore County
- Baltimore City
- Carroll County
- Cecil County
- Fredrick County
- Harford County
- Howard County

Shape file will not be provided. Region borders follow county borders.

Harbor Tunnel: 2 bores at the Harbor Tunnel - 1.4 miles each
See the answer for Question 82 of the Q\&A for further details.
Ft McHenry Tunnel: 4 bores at the Fort McHenry - 1.5 miles each
See the answer for Question 82 of the Q\&A for further details.

Baltimore Metro- Underground: The distance underground is 60,470 feet which is 11.46 miles, covering both tracks.

## Region 1A

- Baltimore County bound by the following coordinates:


Additional coverage areas required by MdTA as of 8/26/08
Here are the points to add for the Baltimore region. The attached map shows how the new points create some overlap of the airport

| LATITUDE | LONGITUDE |
| :---: | :---: |
| $39.1916^{\circ} \mathrm{N}$ | $76.5933^{\circ} \mathrm{W}$ |
| $39.1966^{\circ} \mathrm{N}$ | $76.5500^{\circ} \mathrm{W}$ |
| $39.2433^{\circ} \mathrm{N}$ | $76.4500^{\circ} \mathrm{W}$ |
| $39.2716^{\circ} \mathrm{N}$ | $76.4533^{\circ} \mathrm{W}$ |
| $39.3100^{\circ} \mathrm{N}$ | $76.4766^{\circ} \mathrm{W}$ |
| $39.3400^{\circ} \mathrm{N}$ | $76.4800^{\circ} \mathrm{W}$ |
| $39.4133^{\circ} \mathrm{N}$ | $76.3791^{\circ} \mathrm{W}$ |
| $39.4366^{\circ} \mathrm{N}$ | $76.4100^{\circ} \mathrm{W}$ |
| $39.3766^{\circ} \mathrm{N}$ | $76.5083^{\circ} \mathrm{W}$ |
| $39.3333^{\circ} \mathrm{N}$ | $76.5608^{\circ} \mathrm{W}$ |
| $39.2958^{\circ} \mathrm{N}$ | $76.6191^{\circ} \mathrm{W}$ |
| $39.2466^{\circ} \mathrm{N}$ | $76.7058^{\circ} \mathrm{W}$ | area and provide coverage over to the interchanges so someone can have complete coverage when driving from BWI to the Baltimore zone.

1-39́ 14' $5.3^{\prime \prime}$ Lat $76^{\circ} 43^{\prime} 21.9^{\prime \prime}$ Long

2-39ํ 11' $39.5^{\prime \prime}$ Lat $76^{\circ} 43^{\prime} 14.7^{\prime \prime}$ Long

3-39ํ 11' $41.7^{\prime \prime}$ Lat $76^{\circ} 38^{\prime} 26.6^{\prime \prime}$ Long

- I-95 between Baltimore County and Delaware State Lines bound by the following coordinates:

| LATITUDE | LONGITUDE |
| :---: | :---: |
| $39.4541^{\circ} \mathrm{N}$ | $76.4333^{\circ} \mathrm{W}$ |
| $39.3783^{\circ} \mathrm{N}$ | $76.3350^{\circ} \mathrm{W}$ |
| $39.5450^{\circ} \mathrm{N}$ | $76.0783^{\circ} \mathrm{W}$ |
| $39.5775^{\circ} \mathrm{N}$ | $75.9550^{\circ} \mathrm{W}$ |
| $39.6325^{\circ} \mathrm{N}$ | $75.7658^{\circ} \mathrm{W}$ |
| $39.6800^{\circ} \mathrm{N}$ | $75.7791^{\circ} \mathrm{W}$ |
| $39.6600^{\circ} \mathrm{N}$ | $76.0208^{\circ} \mathrm{W}$ |
| $39.6008^{\circ} \mathrm{N}$ | $76.1825^{\circ} \mathrm{W}$ |
| $39.5258^{\circ} \mathrm{N}$ | $76.3133^{\circ} \mathrm{W}$ |
| $39.4558^{\circ} \mathrm{N}$ | $76.4333^{\circ} \mathrm{W}$ |



- BWI Airport bound by the following coordinates:

| LATITUDE | LONGITUDE |
| :---: | :---: |
| $39.1960^{\circ} \mathrm{N}$ | $76.6979^{\circ} \mathrm{W}$ |
| $39.1959^{\circ} \mathrm{N}$ | $76.6427^{\circ} \mathrm{W}$ |
| $39.1564^{\circ} \mathrm{N}$ | $76.6424^{\circ} \mathrm{W}$ |
| $39.1561^{\circ} \mathrm{N}$ | $76.6984^{\circ} \mathrm{W}$ |



- W.P. Lane (Chesapeake Bay) Bridge bound by the following coordinates:


| LATITUDE | LONGITUDE |
| :---: | :---: |
| $39^{\circ} 1^{\prime}$ 28" N | 76² $24^{\prime} 45^{\prime \prime} \mathrm{W}$ |
| 38* $59^{\prime} 7{ }^{\prime \prime} \mathrm{N}$ | 76¹9' 20" W |
| 38* $58^{\prime}$ 24" N | 76¹9' 28" W |
| 38 $59^{\prime}$ 34" N | 76² $23^{\prime}$ 59" W |
| $39^{\circ} 0^{\prime} 33^{\prime \prime} \mathrm{N}$ | 76² ${ }^{\circ}{ }^{\prime}$ 57" W |
| $39^{\circ} 1^{\prime}$ 28" N | 76² $24^{\prime}$ 45" W |
| $39^{\circ} 0^{\prime} 33^{\prime \prime} \mathrm{N}$ | 76²4' 57" W |
| $39^{\circ} 1^{\prime \prime} 17^{\prime \prime} \mathrm{N}$ | 76²7' 29" W |
| 38 $59^{\prime} 19^{\prime \prime} \mathrm{N}$ | 76³0'39" W |
| 39* 0' 7" N | 76³ 31' 34" W |
| 39²' 9" N | 76² $27^{\prime} 35^{\prime \prime} \mathrm{W}$ |
| $38^{\circ} 59^{\prime} 7{ }^{\prime \prime} \mathrm{N}$ | 76 $19^{\prime}$ 20" W |
| 38* $58^{\prime}$ 24" N | 76¹9' $28^{\prime \prime} \mathrm{W}$ |
| 38* $57{ }^{\prime}$ 27" N | 76¹2' $25^{\prime \prime} \mathrm{W}$ |
| 38 $58{ }^{\prime} 18^{\prime \prime} \mathrm{N}$ | 76 12' $24^{\prime \prime} \mathrm{W}$ |

- Inter-County Connector bound by the following coordinates:

| LATITUDE | LONGITUDE |
| :---: | :---: |
| $39.1391^{\circ} \mathrm{N}$ | $77.2104^{\circ} \mathrm{W}$ |
| $39.1057^{\circ} \mathrm{N}$ | $77.1833^{\circ} \mathrm{W}$ |
| $39.0638^{\circ} \mathrm{N}$ | $76.8584^{\circ} \mathrm{W}$ |
| $39.1107^{\circ} \mathrm{N}$ | $76.8254^{\circ} \mathrm{W}$ |



- A one (1) mile radius around Route 50/301 between the William Lane Memorial Bridge and the Route 50/301 split. ${ }^{1}$
- A three (3) mile radius formed around the Nice Bridge and facilities. ${ }^{2}$


## Region 2

- Caroline County
- Dorchester County
- Kent County
- Queen Anne’s County
- Somerset County
- Talbot County
- Wicomico County
- Worcester County

Shape file will not be provided. Region borders follow county borders.

## Region 3

- Calvert County
- Charles County
- Montgomery County
- Prince George’s County
- Saint Mary’s County

[^0]Shape file will not be provided. Region borders follow county borders.

## Region 4

- Allegany County
- Garrett County
- Washington County

Shape file will not be provided. Region borders follow county borders.

## Urban Areas - Requiring $\mathbf{2 4}$ dB Building Loss

The areas shown below with a population greater than 1,000 people per square mile require the coverage design to include a total of 24 dB for building loss.


Figure 1: 24 dB Building Loss in Areas of Population >1,000/sq. mile


[^0]:    ${ }^{1}$ This area shall be transitioned to Region 2 as part of the Region 2 build out
    ${ }^{2}$ This area shall be transitioned to Region 3 as part of the Region 3 build out

