

```
In [ ]: import arcpy
```

Create Random Points Around I-94

Define Variable for Miles of Buffer and Number of Points

```
In [ ]: buffer = "5"  
points = 100
```

Create Buffer Around I-94 Removal

```
In [ ]: #Buffer Around I-94 Removal Layer with No Ramps  
arcpy.analysis.Buffer(  
    in_features=r"\\Mac\Home\Documents\ArcGIS\Projects\FinalProjectStart\FinalProjectStart.gdb\I94_Removal_NoRamps",  
    out_feature_class=r"\\Mac\Home\Documents\ArcGIS\Projects\FinalProjectStart\FinalProjectStart.gdb\I94_Removal_Buffer",  
    buffer_distance_or_field=f"{buffer} Miles",  
    line_side="FULL",  
    line_end_type="ROUND",  
    dissolve_option="ALL",  
    dissolve_field=None,  
    method="PLANAR"  
)
```

Create Random Points within the Buffer

```
In [ ]: arcpy.management.CreateRandomPoints(  
    out_path=r"\\Mac\Home\Documents\ArcGIS\Projects\FinalProjectStart\FinalProjectStart.gdb",  
    out_name="I94Points",  
    constraining_feature_class=r"\\Mac\Home\Documents\ArcGIS\Projects\FinalProjectStart\FinalProjectStart.gdb\I94_Removal_Buffer",  
    number_of_points_or_field=points,  
    minimum_allowed_distance="0 Meters",  
    create_multipart_output="POINT",  
    multipart_size=0  
)
```