Reunión Semanal

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UNAB

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TAREAS SOLICITADAS

- Corrección Red Vial
- Ejecución del algoritmo
- Resultados del algoritmo con métricas distintas

Corrección Red Vial

Error en asignación de FID's, redvial

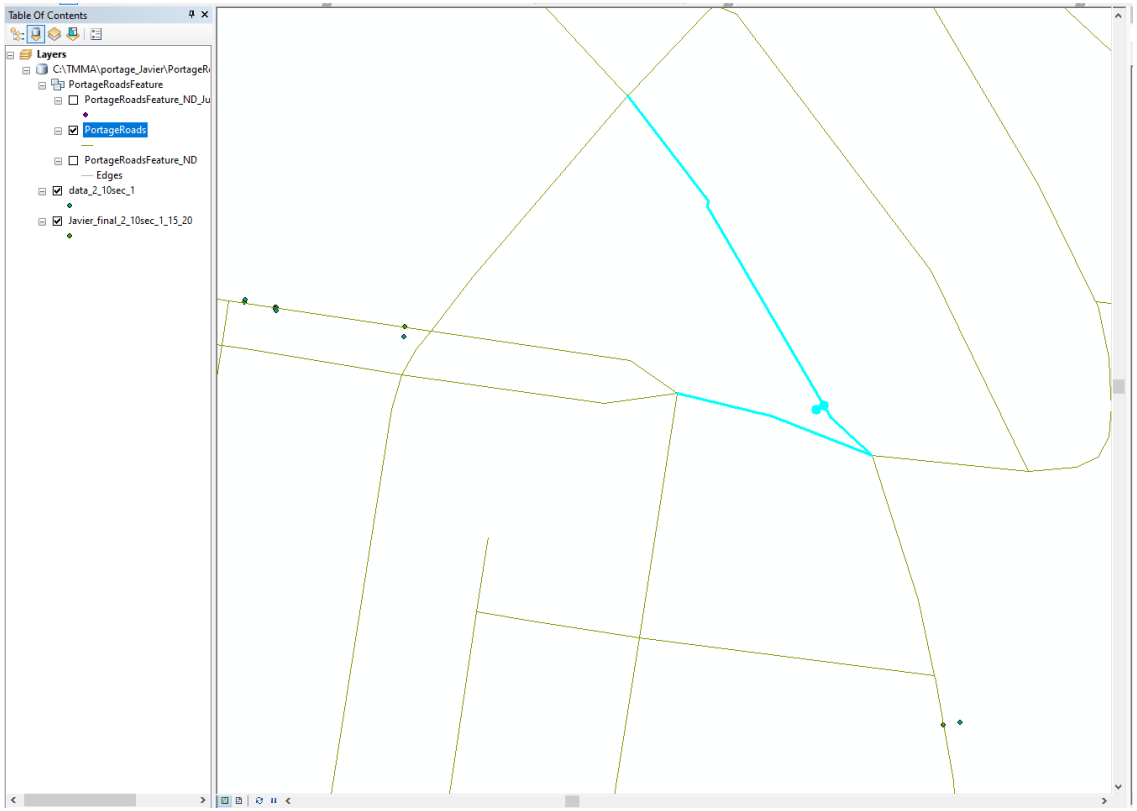


Figura 1:

Corrección Red Vial

Error en asignación de FID's, red vial

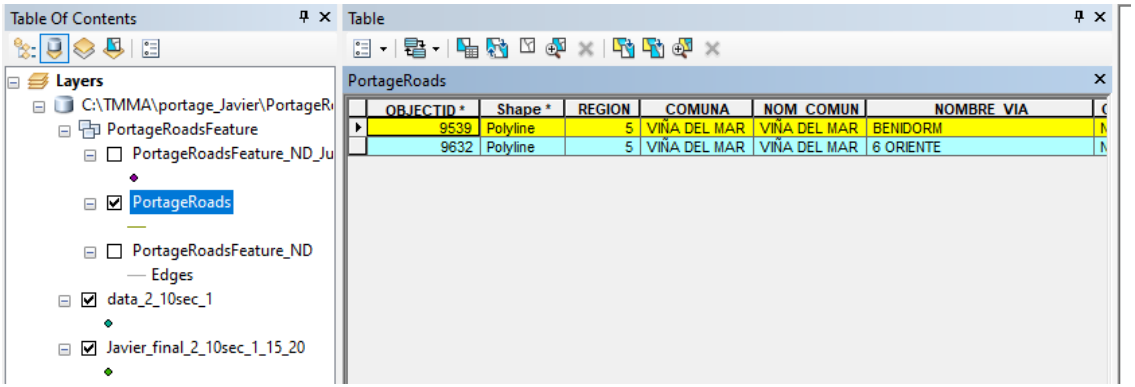


Figura 2:

Corrección Red Vial

Error en asignación de FID's, trayecto

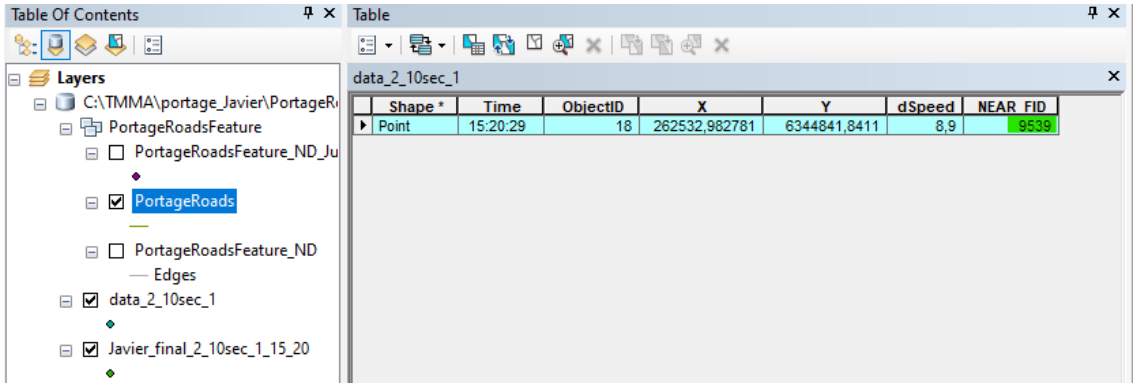


Figura 3:

Error en asignación de FID's, trayecto

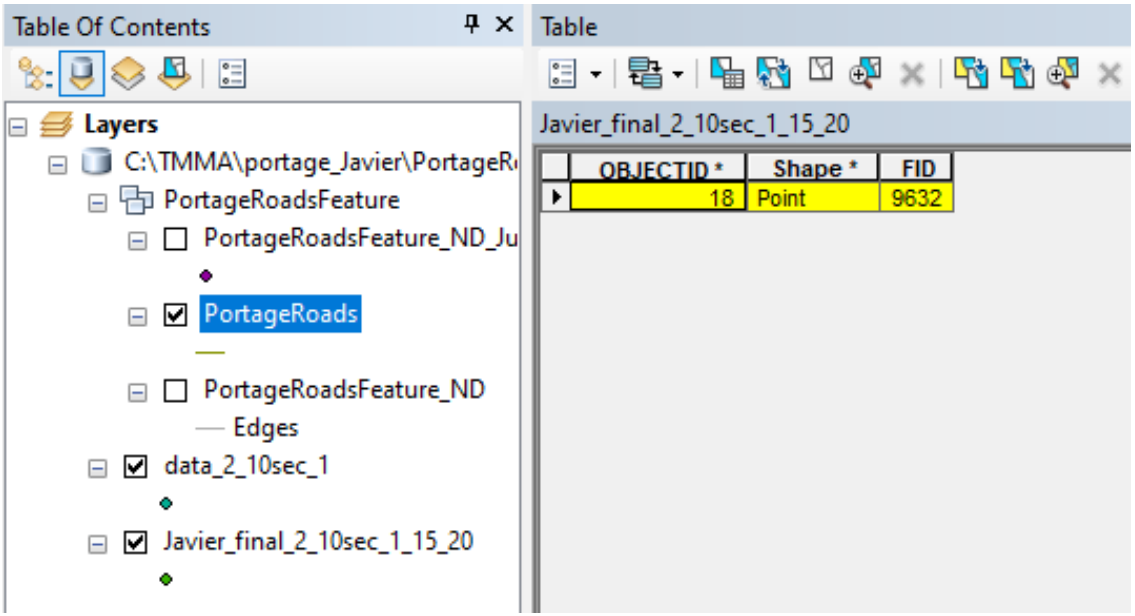
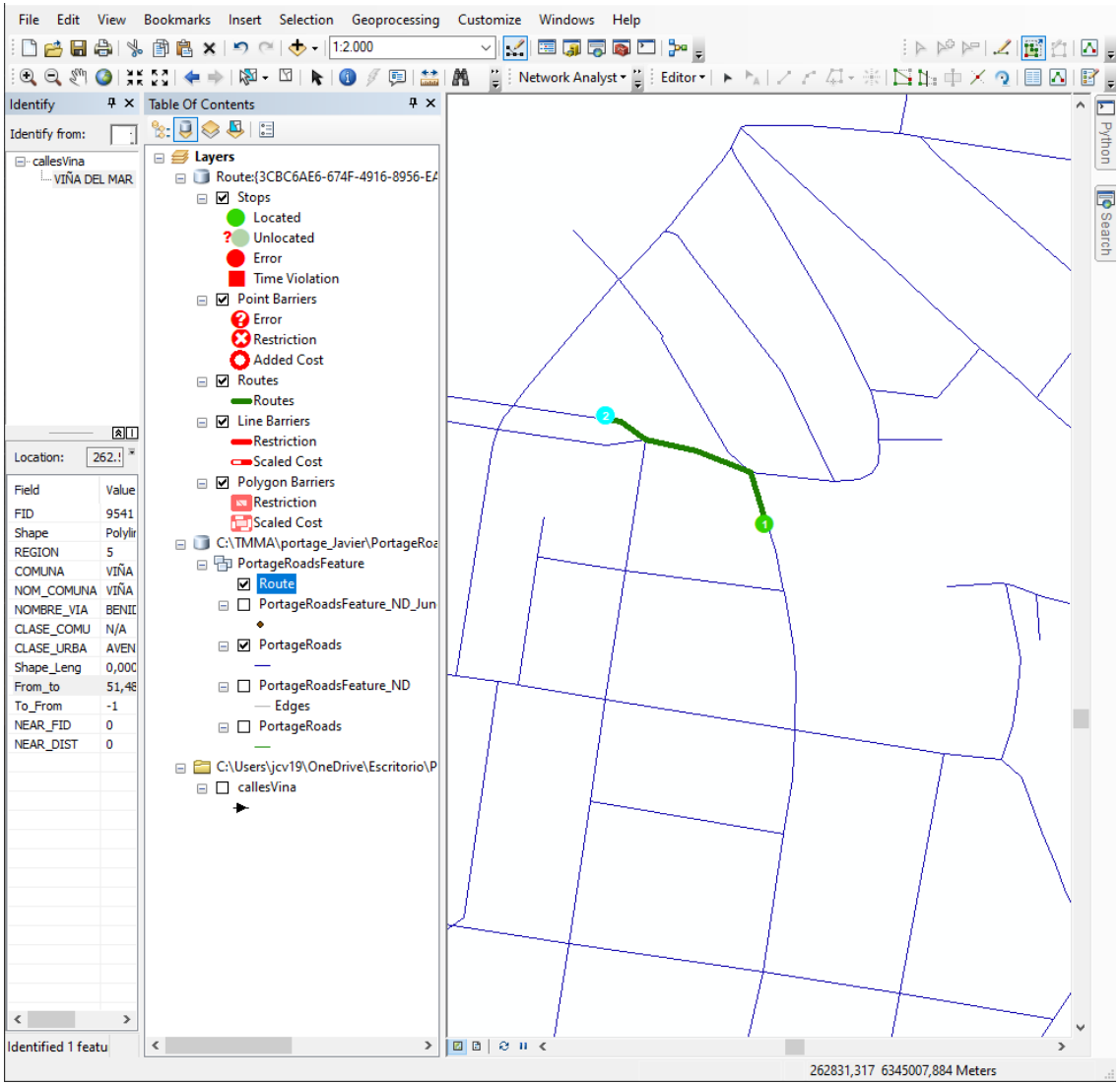


Figura 4:

Corrección Red Vial

Red vial probada en lugar de falla.



Ejecución TMMA

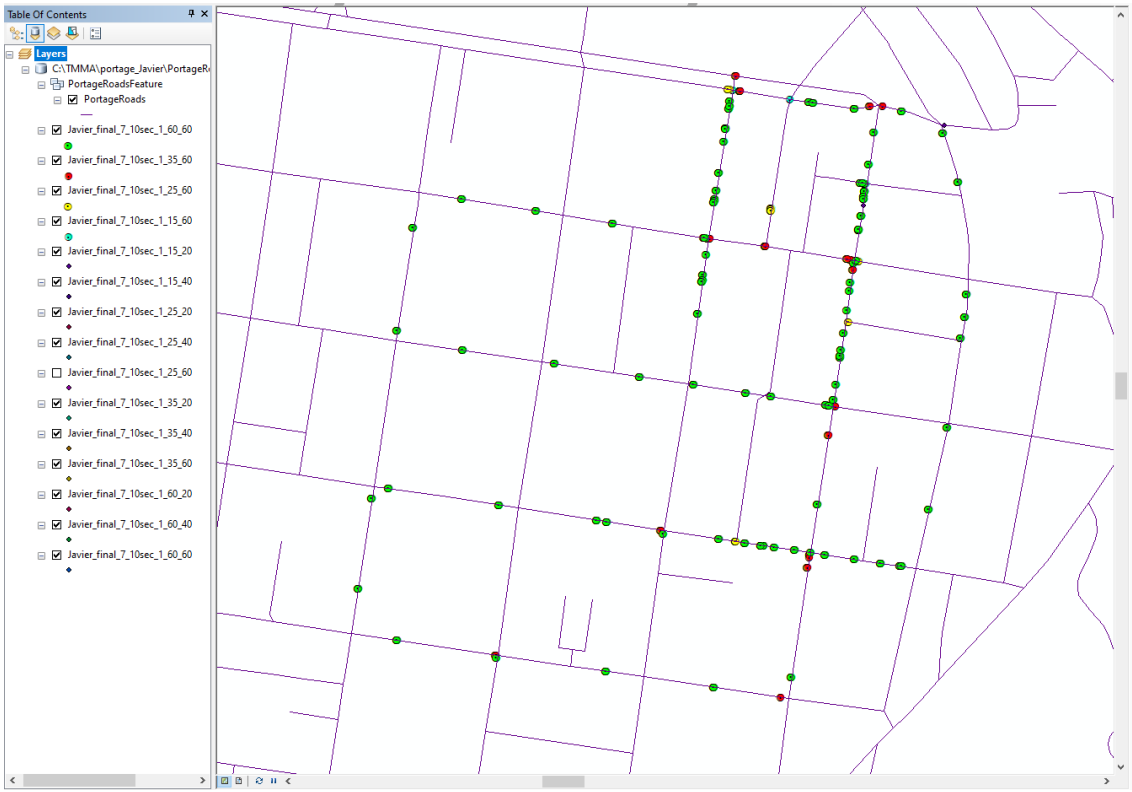
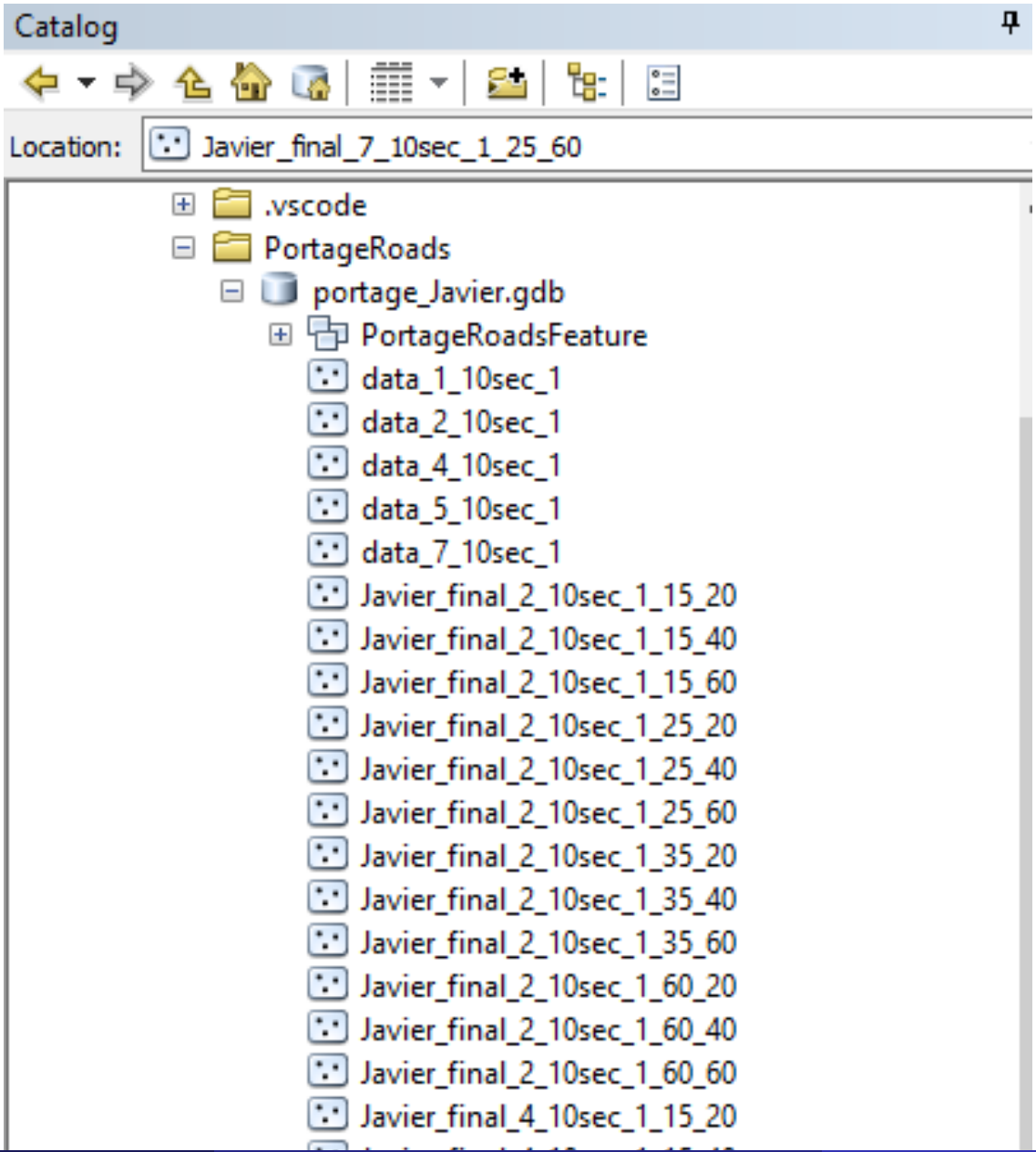


Figura 6:

Ejecución TMMA



Ejecución TMMA

```
PS C:\TMMA\portage_Javier> & C:/Python27/ArcGIS10.3/python.exe c:/TMMA/portage_Javier/portage.py
------
data_2_10sec_1
------
SearchRadius -> 20
Amount of points - > 37
Final file name - > Javier_final_2_10sec_1_60_20
gps dictionary done...
Execution end time - > 33.8375905
PS C:\TMMA\portage_Javier> & C:/Python27/ArcGIS10.3/python.exe c:/TMMA/portage_Javier/portage.py
------
data_2_10sec_1
------
SearchRadius -> 20
Amount of points - > 37
Final file name - > Javier_final_2_10sec_1_35_20
gps dictionary done...
Execution time - > 36.8206837 seconds
PS C:\TMMA\portage_Javier> & C:/Python27/ArcGIS10.3/python.exe c:/TMMA/portage_Javier/portage.py
------
data_2_10sec_1
------
SearchRadius -> 20
Speed Tolerance -> 25
Amount of points - > 37
Final file name - > Javier_final_2_10sec_1_25_20
gps dictionary done...
Execution time - > 36.4695015 seconds
PS C:\TMMA\portage_Javier> & C:/Python27/ArcGIS10.3/python.exe c:/TMMA/portage_Javier/portage.py
------
data_2_10sec_1
------
SearchRadius -> 20
Speed Tolerance -> 15
Amount of points - > 37
Final file name - > Javier_final_2_10sec_1_15_20
gps dictionary done...
Execution time - > 47.1393425 seconds
PS C:\TMMA\portage_Javier>
```

Figura 8:

Resultado TMMA

DATA	7_10sec_1	Executed	yes
searchradius	20	Successful	no
speed toleranse	60	Execution errors	1 point
amout of points	99		
Execution time	90.55 Sec		

DATA	7_10sec_1	Executed	Yes
searchradius	20	Successful	yes
speed toleranse	35	Execution errors	0
amout of points	99		
Execution time	127.12 Sec		

DATA	7_10sec_1	Executed	yes
searchradius	20	Successful	yes
speed toleranse	25	Execution errors	0
amout of points	99		
Execution time	172.14 Sec		

DATA	7_10sec_1	Executed	yes
searchradius	20	Successful	yes
speed toleranse	15	Execution errors	0
amout of points	99		
Execution time	263.32 Sec		

Figura 9:

Resultado TMMA

DATA	7_10sec_1	Executed	yes
searchradius	40	Successful	no
speed toleranse	60	Execution errors	2
amout of points	99		
Execution time	89.62 sec		

DATA	7_10sec_1	Executed	yes
searchradius	40	Successful	yes
speed toleranse	35	Execution errors	0
amout of points	99		
Execution time	157.45 sec		

DATA	7_10sec_1	Executed	yes
searchradius	40	Successful	no
speed toleranse	25	Execution errors	2
amout of points	99		
Execution time	233.03 sec		

DATA	7_10sec_1	Executed	yes
searchradius	40	Successful	yes
speed toleranse	15	Execution errors	0
amout of points	99		
Execution time	389.98 sec		

Figura 10:

Resultado TMMA

DATA	7_10sec_1	Executed	yes
searchradius	60	Successful	no
speed toleranse	60	Execution errors	2
amout of points	99		
Execution time	91.36 sec		

DATA	7_10sec_1	Executed	yes
searchradius	60	Successful	no
speed toleranse	35	Execution errors	1
amout of points	99		
Execution time	192.51 sec		

DATA	7_10sec_1	Executed	yes
searchradius	60	Successful	no
speed toleranse	25	Execution errors	4
amout of points	99		
Execution time	293.00 sec		

DATA	7_10sec_1	Executed	yes
searchradius	60	Successful	yes
speed toleranse	15	Execution errors	0
amout of points	99		
Execution time	544.08 sec		

Figura 11:

Trabajos futuros

- Ejecutar en gbd final
- Ordenar memoria
- Manual de Usuario
- Hito 3.