From: Turner, Ed
To: Juliusson, Lara
Subject: Re: GRSG Re: Proprietary ESRI Street Maps Premium Question, possible use on 2015 S-G Status Review
Date: Thursday, March 05, 2015 12:01:34 PM

Lara, That is great! I was under the impression that Census only had it by county and I started looking at other options. I'll pull it down and see what we get.

If we have to buffer CL's then maybe this will be our source.

Thank you for finding that.

Ed

On Thu, Mar 5, 2015 at 6:12 AM, Juliusson, Lara <lara_juliusson@fws.gov> wrote:

> Hi Ed,
>
> Hope you are well. I wondered again about TIGER and thought that they may now have road centerline by state or even by nation. Have you seen this: https://www.census.gov/geo/maps-data/data/tiger-geodatabases.html
>
> Under downloads there is a Roads National Geodatabase (2.39 GB) selection available.
>
> Hope this is helpful.
>
> Lara
>
> Lara Juliusson, Geographer/Ecologist
> Sage-grouse Energy Team
> U.S. Fish and Wildlife Service,
> Region 6, Lakewood, CO
> Lara_Juliusson@fws.gov
> 303-236-9876
> http://www.fws.gov/mountain-prairie/
> ----------
> ***Join me on LinkedIn***
> http://www.linkedin.com/pub/lara-juliusson/5/918/7a4
>
> On Tue, Mar 3, 2015 at 4:36 PM, Turner, Ed <ed_turner@fws.gov> wrote:
>
>> Hey Ron, Hope all's well.
>>
>> Here is an example of the Range-wide study area.
>>
>> Ideally we will look (if we have to buffer further the road center-lines), within the green "current range", but it would be best to have the entire area in blue outline covered. The blue outline is the management zones and technically any threats (impacts, roads, etc.) within that area could have indirect impacts if close enough to the green area.
>>
>> As of yet, we don't have to buffer the roads, etc. for indirect impacts (buffers beyond what BLM provided using the ESRI Premium Street Data), but I was just fishing to see if we could even get it. Just in case.
>>
>> I know there are some nationwide road sets, but if we have to buffer beyond what BLM did, we

may opt to find a continuous set of Tiger roads if anyone has it. I don't use Tiger much, but it's usually by county and not even state.

If not, we can always just try to buffer on-top of the BLM data, but that could prove to be a mess. The center line data can very in areas (ex. 4 lane vs 6 or more lane interstate/hwys), thus giving non-consistent buffer results even though all were buffered at a set width. For example, based on the BLM effort a interstate center line should have a 73.2m footprint, but add a few more center lines and that footprint is a lot larger. Now if you have to add a 7.5km indirect buffer to the center-line, the question becomes, how much do you buffer each side of the existing buffer to get that? It would mean going in and segmenting all the existing buffer data, and buffering at different rates based on the current buffer widths.

Not so bad if were talking about a single I-70 length or so, but some of the data number in the millions of buffer segments as it is.

Anyway, not a major issue at the moment, just thought it was best to start looking and see if we could even come up with the ESRI source should we need it.

Thanks for your input today, Ed

On Tue, Mar 3, 2015 at 2:21 PM, Ron work <ron_salz@fws.gov> wrote:

Hi Ed,
What is the coverage of open street map in your study area?
Best,
Ron

On Mar 3, 2015, at 12:27 PM, Turner, Ed <ed_turner@fws.gov> wrote:

Hello All and thank you for the information.

At least we know where we stand now in regards to using the ESRI Center-lines. We were hoping it was simple and free, but we will investigate other data source options if needed.

Thanks again and I'll keep all in the loop on what I find for a western states region-wide contiguous center-line data if the GRSG effort requires.

Ed

On Tue, Mar 3, 2015 at 5:36 AM, Negri, Mark <mark_negri@ios.doi.gov> wrote:

Chris and Others - Unfortunately we do not get Esri StreetMaps Premium as part of our ELA. It's a Category C product so we don't even get a discount when purchasing. See page 54 on the Esri GSA Schedule for CLINs and prices: https://docs.google.com/a/ios.doi.gov/file/d/0B0jF0GRFfbYyUzB6MmFaaTl4ck0/edit. Contact Justin Hoffmaster (JHoffmaster@esri.com) on what you need to do to purchase, or Stephen Bryce (SBryce@esri.com) on who a good contact at Esri would be to discuss what you get with StreetMap. Jerry is a good DOI HSIP contact and is CCed. Jerry and I exchanged IMs on this issue and I've cut-n-pasted his response below, so it looks like Ron has accurate info on using HSIP. Good luck! - Mark

Jerry: the licensed data are still technically restricted to homeland security / homeland defense purposes. And FWS couldn't do anything with the data externally anyway

On Mon, Mar 2, 2015 at 8:07 PM, Lett, Chris <chris_lett@fws.gov> wrote:

Sorry yes I meant Mark Negri.

c

On Mon, Mar 2, 2015 at 6:02 PM, Ronfws <ron_salz@fws.gov> wrote:

Chris and Ed,

I don't see Mark Richardson on the email string. Did you mean Mark Negri?

Also, the HSIP contact at HQ, Anna Fisher, is now in the SF Bay Area. In addition, USFWS was told even if the data was distributed under HSIP freedom it is not releasable to non homeland security applications. They specifically responded to a request from the Sage Grouse project. Since Bob Bewley retired from USGS as the HSIP contact I don't know who is the DOI representative. Mark Negri may know and if not I recommend asking Jerry.

Ron

On Mar 2, 2015, at 5:17 PM, Lett, Chris <chris_lett@fws.gov> wrote:

Ed,

I've copied Mark Richardson, so he can tell me who we contact with Esri to discuss this dataset or if we get it as part of the ELA.

I've also included Ron Salz and Kenny Elsner as they may know if this information might be included in the HSIP data that DHS is releasing?

Thanks!

c

On Fri, Feb 27, 2015 at 6:51 PM, Turner, Ed <ed_turner@fws.gov> wrote:

Hello Chris, I was going to post this to the fws-gis, but felt it should check with you first.

I'm currently working on some infrastructure efforts for the 2015 Greater Sage-Grouse Status Review and could be in need of the “Licensed, proprietary ESRI Street Maps Premium for ArcGIS”. These datasets are the actual road centerlines compiled for the contiguous United States and parts of Canada.

Is this something we have for FWS or do you know if anyone in the Service has it and if we could even share it?

Not completely sure if we will need beyond what BLM has provided for the effort, but it would be good to know if we have that option should we need it.

Thanks for any input, Ed

--
Edwin Turner, Geographer
GIS Mapping and Analysis Branch
USFWS Carlsbad Fish and Wildlife Office
2177 Salk Ave. Suite 250
Carlsbad, CA 92008
760.431.9440 x266

Ed_Turner@fws.gov
760.431.9440 x266

--
Chris Lett
National GIS Coordinator
U.S. Fish and WIldlife Service
email: chris_lett@fws.gov
303-275-2348 (work)

--
Chris Lett
National GIS Coordinator
U.S. Fish and WIldlife Service
email: chris_lett@fws.gov
303-275-2348 (work)

--

Mark Negri

IT Specialist

Office of Geospatial Information Officer, OCIO

U.S. Department of the Interior

Office Phone: (703)648-5613

Email:Mark_Negri@ios.doi.gov

www.DOI.gov/OCIO

Our mission is your mission

--
Edwin Turner, Geographer
GIS Mapping and Analysis Branch
USFWS Carlsbad Fish and Wildlife Office
2177 Salk Ave. Suite 250
Carlsbad, CA 92008
760.431.9440 x266

Ed_Turner@fws.gov
760.431.9440 x266

--
Edwin Turner, Geographer
GIS Mapping and Analysis Branch
USFWS Carlsbad Fish and Wildlife Office
2177 Salk Ave. Suite 250
Carlsbad, CA 92008
760.431.9440 x266

Ed_Turner@fws.gov
760.431.9440 x266

--
Edwin Turner, Geographer
GIS Mapping and Analysis Branch
USFWS Carlsbad Fish and Wildlife Office
2177 Salk Ave. Suite 250
Carlsbad, CA 92008
760.431.9440 x266

Ed_Turner@fws.gov
760.431.9440 x266