

**Carp Wild and Scenic River  
Hiawatha National Forest  
Eastern Region  
U.S.D.A. – Forest Service**

I hereby certify that the legal description and map herewith represent the location of the boundary of the Carp Wild and Scenic River within the Hiawatha National Forest as described and enacted by Public Law 102-248.

Signed

7/29/09  
Date

*Dogman Dill*  
for Regional Forester

# **Hiawatha National Forest**

## **Carp River Wild and Scenic River Corridor**

### **Boundary Description**

The Carp River corridor extends through the Hiawatha National Forest in Michigan from St. Martins Bay in Lake Huron, in section 21 T42N-R03W through T42N-R04W, T42N-R05W, to the western forest boundary in T43N-R05W, all in Mackinac County, Michigan Meridian.

The corridor boundary is described by a list of nodal coordinates associated with points of directional change in the boundary line, and intersection and coincidence of the line with other line features such as timber management unit boundaries, roads, and section lines. Textual descriptions are given of topologically related features for clarity, and practical location. The actual locations of the calls on the ground supersede the coordinate pair locations, if they differ.

The coordinates in the description are listed as "X-coordinate Y-coordinate" and are in the North American Datum 1983, State Plane Coordinate System, with metric units in meters. Coordinates given for nodes representing corners on section, quarter section, sixteenth and sixty-fourth section lines are approximate locations derived from the Hiawatha National Forest GIS data layer used to map the boundary of the corridor. These coordinate pair locations are not intended to control the legal location of the section, quarter section, sixteenth section or sixty-fourth section corners or lines; such locations must be established by legal survey.

The description of the corridor boundary begins near the mouth of the river, following the southerly bank westerly to the western forest boundary, then returning on the northerly bank easterly to the mouth and the point of beginning.

Beginning at the quarter corner common to sections 20 and 21, T42N-R03W;

X	Y	Description
8178374	140220	Point of Beginning
8178353	140193	Westerly along a segment defined by the following coordinates.
8178281	140162	
8177996	140150	
8177923	140180	
8177892	140228	
8177852	140234	
8177686	140194	
8177606	140148	
8177567	140146	
8177494	140177	

X	Y	Description
8177367	140152	
8177289	140107	
8177232	140100	
8177195	140113	
8177182	140136	
8177171	140202	
8177182	140220	
8177179	140221	Northerly edge of FR 3127
8177146	140236	Northwesterly along the northerly edge of FR 3127
8177113	140250	Northwesterly of T intersection to northwesterly edge of FR 3127
8177048	140276	Northwesterly over Interstate 75
8176984	140305	Terminal point of FR 3486
8176919	140289	Southwesterly along the northwesterly edge of FR 3486
8176869	140256	
8176774	140060	Section line common to sections 19 and 20, T42N-R03W
8176769	140050	Southwesterly along the northwesterly edge of FR 3486 and FR 3118
8176733	140025	
8176727	139893	
8176705	139799	
8176499	139438	
8176420	139340	
8176347	139319	
8176017	139225	Section line common to sections 19 and 30, T42N-R03W
		Westerly along section line common to sections 19 and 30, T42N-R03W
8175666	139215	Intersection with a segment defined by the following coordinates
8175613	139301	Northerly in section 19, T42N-R03W
8175735	139344	
8175758	139404	
8175738	139466	
8175673	139551	
8175583	139609	Southwest sixteenth corner to section 19, T42N-R03W
8175539	140413	Northerly on the west sixteenth line section 19, T42N-R03W
8175527	140814	Section line common to sections 18 and 19, T42N-R03W
		Northerly on the west sixteenth line section 18, T42N-R03W
8175487	142062	Northerly edge of FR 3445
8175143	142026	Westerly along the northerly edge of FR 3445
8175081	142031	Section line common to sections 18, T42N-R03W, and section 13, T42N-R04W
8174977	142038	Westerly along the northerly edge of FR 3445
8174936	142028	
8174873	141973	
8174673	141983	
8174222	142081	
8174078	142139	
8174012	142148	
8173948	142206	Intersection with a segment defined by the following coordinates
8173919	142232	Northwesterly in section 13, T42N-R04W
8173973	142242	

X	Y	Description
8173984	142265	
8173834	142369	
8173833	142376	Section line common to sections 12 and 13, T42N-R04W
8173807	142530	Northwesterly in section 12, T42N-R04W
8173657	142709	
8173463	142808	Section line common to sections 11 and 12, T42N-R04W
8173459	142810	Northwesterly in section 11, T42N-R04W
8173365	142876	
8173273	142913	
8173166	143021	
8173042	143066	
8172967	143068	
8172876	143093	
8172671	143224	
8172578	143193	
8172533	143139	
8172445	143151	
8172435	143219	
8172416	143233	
8172318	143188	
8172047	143211	
8171901	143206	
8171868	143245	
8171843	143254	Section line common to sections 10 and 11, T42N-R04W
8171833	143258	Westerly in section 10, T42N-R04W
8171799	143241	
8171790	143212	
8171738	143191	
8171656	143247	
8171675	143296	
8171666	143324	
8171620	143304	
8171577	143315	
8171551	143379	
8171491	143395	
8171464	143423	
8171430	143411	
8171368	143357	
8171236	143214	
8171139	143244	
8171079	143230	
8170890	143295	
8170825	143273	
8170759	143226	
8170660	143294	
8170591	143284	
8170496	143241	

X	Y	Description
8170415	143244	
8170312	143284	
8170251	143328	
8170238	143326	Section line common to sections 9 and 10, T42N-R04W
8170231	143326	Southwesterly in section 9, T42N-R04W
8170172	143259	Northerly edge of FR 3445
8170115	143266	Westerly along the northerly edge of FR 3445
8170059	143273	Easterly boundary Mackinac Wilderness
8170064	143491	Northerly on the easterly boundary Mackinac Wilderness
8170116	143640	Intersection with a segment defined by the following coordinates
8169987	143662	Northwesterly in section 9, T42N-R04W
8169796	143751	
8169637	143728	
8169543	143751	
8169490	143788	
8169410	143779	
8169335	143792	
8169273	143822	
8169233	143864	Section line common to sections 4 and 9, T42N-R04W
8169184	143916	Returning loop in section 4, T42N-R04W
8169090	143898	
8169038	143860	Section line common to sections 4 and 9, T42N-R04W
8169029	143854	Returning loop in section 9, T42N-R04W
8168869	143794	
8168738	143795	
8168645	143851	Section line common to sections 4 and 9, T42N-R04W
8168641	143854	Northwesterly in section 4, T42N-R04W
8168626	143876	Section line common to sections 4 and 5, T42N-R04W
8168556	143982	Northwesterly in section 5, T42N-R04W
8168419	143978	
8168360	144001	
8168295	144056	
8168175	144075	
8168107	144123	
8168056	144197	
8167878	144245	
8167818	144296	
8167787	144346	
8167638	144325	
8167582	144331	
8167504	144359	
8167434	144411	
8167253	144302	
8167217	144262	
8167042	144146	
8167025	144118	Section line common to sections 5 and 6, T42N-R04W
8167002	144081	Westerly in section 6, T42N-R04W

X	Y	Description
8166949	144036	
8166807	144002	
8166743	144000	
8166652	144030	
8166545	143981	
8166363	143977	
8166282	143954	
8166218	143957	
8166141	143989	
8166059	143936	
8165995	143922	
8165827	143940	
8165730	143997	
8165667	143975	
8165553	143986	
8165438	143957	
8165356	143978	Section line common to section 6, T42N-R04W, and section 1, T42N-R05W
8165336	143983	Westerly in section 1, T42N-R05W
8165209	143897	
8165088	143876	
8165032	143888	
8164962	143929	
8164913	143987	
8164885	144063	
8164820	144036	
8164728	144034	
8164595	143975	
8164536	143965	
8164319	143996	
8164146	144060	
8164107	144053	
8164016	143979	
8163910	143928	
8163783	143915	
8163752	143839	Section line common to sections 1 and 2, T42N-R05W
8163746	143826	Southwesterly in section 2, T42N-R05W
8163667	143748	
8163599	143724	Section line common to sections 2 and 11, T42N-R05W
8163586	143719	Westerly on section line common to sections 2 and 11, T42N-R05W
8163481	143721	
8163459	143720	Intersection with a segment defined by the following coordinates
8163384	143620	
8163321	143569	
8163191	143537	
8163051	143544	Easterly right-of-way M123
8162980	143570	Northwesterly across M123
8162918	143626	

X	Y	Description
8162913	143616	Westerly right-of-way M123
8163004	143508	Southeasterly along the westerly right-of-way M123
8163095	143401	Northerly edge of FR 3124
8163064	143382	Westerly on the northerly edge of FR 3124
8162576	143355	
8162136	143454	Section line common to sections 10 and 11, T42N-R05W
8161646	143564	Westerly on the northerly edge of FR 3124
8161157	143674	Section line to sections 3 and 10, T42N-R05W
8160844	143744	Westerly on the northerly edge of FR 3124
8160531	143815	Section line common to sections 3 and 4, T42N-R05W
8160171	143896	Westerly on the northerly edge of FR 3124
8160168	143901	Intersection with a segment defined by the following coordinates
8160108	144033	Northwesterly in section 4, T42N-R05W
8160083	144055	
8159906	144041	
8159803	144004	
8159530	144021	
8159446	144103	Northeasterly edge of FR 3124EB
8159443	144105	Northwesterly on the northeasterly edge of FR 3124EB
8159318	144172	Easterly edge of FR 3124E
8159317	144219	Northerly on the easterly edge of FR 3124E
8159314	144219	Intersection with a segment defined by the following coordinates
8159165	144251	Northwesterly in section 4, T42N-R05W
8159074	144295	
8158905	144464	Section line common to sections 4 and 5, T42N-R05W
8158879	144489	Northwesterly in section 5, T42N-R05W
8158575	144531	
8158339	144592	
8158188	144668	
8158070	144821	
8157877	144860	
8157804	144935	
8157687	144944	Easterly edge of FR 3458
8157687	144945	Northerly along the easterly edge of FR 3458
8157686	144967	
8157578	145068	Northeasterly in section 5, T42N-R05W
8157563	145105	
8157485	145173	Section line common to section 5, T42N-R05W, and section 32, T43N-R05W
8157267	145364	Northwesterly in section 32, T43N-R05W
8157255	145378	Northerly edge of FR 3502
8157273	145379	Easterly along the northerly edge of FR3502
8157289	145380	Intersection with a segment defined by the following coordinates
8157291	145381	Northwesterly in section 32, T43N-R05W
8157280	145415	
8157254	145409	Section line common to sections 31 and 32, T43N-R05W
8157148	145384	Northerly in section 31, T43N-R05W
8157035	145431	

X	Y	Description
8156971	145440	
8156789	145637	
8156649	145686	
8156575	145766	
8156504	145788	
8156388	145908	
8156261	145955	
8156105	146057	
8155989	146057	
8155906	146111	
8155849	146114	
8155822	146146	
8155830	146196	
8155808	146212	
8155578	146212	Section line common to section 32, T43N-R05W and Section 36, T44N-R05W
8155574	146303	Northerly along section line / township line / western Forest Boundary.
8155556	146708	
8155555	146743	Section corner to sections 30 and 31, T43N-R05W, and 25 and 36, T44N-R05W Northerly along section line / township line / western Forest Boundary.
8155479	148361	Section corner to sections 19 and 30, T43N-R05W, and 24 and 25, T44N-R05W Northerly along section line / township line / western Forest Boundary.
8155456	149191	Intersection with a segment defined by the following coordinates
8155505	149146	Southeasterly in section 19, T43N-R05W
8155536	149145	
8155554	149162	
8155687	149078	
8155762	148991	
8155820	149023	
8155890	149029	
8156045	148997	
8155956	148928	Westerly edge of FR 3332D
8155976	148727	Southerly along the westerly edge of FR 3332D
8155952	148621	
8155892	148563	
8155874	148504	
8155892	148429	Southerly edge of FR I42A
8155960	148392	Easterly on the southerly edge of FR I42A
8156104	148409	Intersection with a segment defined by the following coordinates
8156097	148392	Southwesterly in section 19, T43N-R05W
8156091	148376	Section line common to sections 19 and 30. T43N-R05W
8156080	148349	Southwesterly in section 30, T43N-R05W
8155927	148215	
8155915	148134	Southwesterly edge of FR 3332
8155996	148099	Southeasterly along the southwesterly edge of FR 3332
8156283	147866	
8156291	147642	



X	Y	Description
8156363	147523	
8156449	147496	
8156722	147527	Intersection with a segment defined by the following coordinates
8156714	147432	Southeasterly in section 30, T43N-R05W
8156745	147360	
8156789	147329	
8156801	147277	
8156766	147193	
8156684	147106	
8156817	146939	
8156880	146785	Section line common to sections 30 and 31, T43N-R05W
8156951	146611	Southeasterly in section 31, T43N-R05W
8157054	146560	
8157099	146494	
8157157	146466	
8157181	146472	
8157169	146526	
8157193	146535	
8157216	146515	Section line common to sections 31 and 32, T43N-R05W
8157318	146430	Southeasterly in section 32, T43N-R05W
8157402	146325	
8157555	146177	
8157676	146093	
8157851	146033	
8157868	146072	
8157921	146025	
8158183	145595	
8158231	145545	
8158253	145484	
8158373	145366	
8158510	145270	
8158759	145228	
8158771	145218	Section line common to sections 32, T43N-R05W, and section 5, T42N-R05W
8158829	145169	Southeasterly in section 5, T42N-R05W
8158887	145121	Section line common to sections 4 and 5, T42N-R05W
8159217	145023	Southeasterly in section 4, T42N-R05W
8159477	145018	
8159626	144937	
8159827	144899	
8159938	144912	
8160238	144843	
8160292	144853	
8160328	144907	
8160475	144890	
8160502	144877	Section line common to sections 3 and 4, T42N-R05W
8160512	144871	Southeasterly in section 3, T42N-R05W
8160608	144771	

X	Y	Description
8160714	144711	
8160820	144683	
8160999	144573	
8161238	144520	
8161279	144497	
8161366	144487	
8161480	144529	
8161804	144523	
8161870	144517	
8162036	144456	
8162115	144481	Section line common to sections 2 and 3, T42N-R05W
8162232	144519	Westerly right-of-way M123
8162232	144519	Easterly right-of-way M123, and northerly edge of FR 3308, and the southwesterly boundary Mackinac Wilderness
8163030	144761	Easterly on the southerly edge of FR 3308
8163197	144746	
8163299	144657	
8163375	144631	
8163595	144681	
8163724	144656	
8163726	144656	Section line common to sections 1 and 2, T42N-R05W
8163799	144658	Easterly on the southerly edge of FR 3308
8163947	144712	
8164269	144781	
8164765	144463	
8164985	144493	
8165345	144399	Section line common to section 1, T42N-R05W, and section 6, T42N-R04W
8165403	144384	Easterly on the southerly edge of FR 3308
8166117	144374	
8166633	144509	
8166844	144728	
8167000	144929	Section line common to sections 5 and 6, T42N-R04W
8167025	144961	Easterly on the southerly edge of FR 3308
8167086	144981	
8167592	144909	
8167914	144712	
8168185	144480	
8168319	144423	
8168610	144395	Section line to sections 4 and 5, T42N-R04W
8168967	144361	Easterly on the southerly edge of FR 3308
8169294	144469	
8169379	144418	
8169534	144217	
8169646	144157	
8169772	144115	
8170080	144118	

X	Y	Description
8170216	144066	Section line common to sections 3 and 4, T42N-R05W
8170289	144038	Easterly on the southerly edge of FR 3308
8170389	144019	Easterly boundary Mackinac Wilderness
8170418	144093	Northerly on the easterly boundary Mackinac Wilderness
8170425	144191	
8170380	144534	Intersection with a segment defined by the following coordinates
8170511	144532	Easterly in section 3, T42N-R04W
8170625	144507	
8170702	144536	
8170736	144567	
8170714	144593	
8170651	144611	
8170631	144645	
8170649	144655	
8170700	144651	
8170810	144577	
8170897	144556	
8170947	144509	
8170984	144496	
8171019	144497	
8171103	144543	
8171194	144562	
8171290	144476	
8171302	144494	
8171247	144628	
8171238	144712	
8171270	144743	
8171260	144792	
8171280	144818	
8171282	144871	
8171304	144896	
8171326	144892	
8171362	144870	
8171362	144709	
8171449	144671	
8171461	144693	
8171499	144699	
8171511	144644	
8171652	144564	
8171807	144574	Section line common to sections 2 and 3, T42N-R04W
8171808	144575	Southeasterly in section 2, T42N-R04W
8171881	144538	
8171946	144526	
8172001	144532	
8172021	144555	
8172093	144532	
8172219	144456	

X	Y	Description
8172289	144375	
8172372	144367	
8172437	144397	
8172494	144318	
8172474	144290	
8172424	144282	
8172437	144254	
8172650	144254	
8172737	144215	
8172825	144129	
8172877	144119	
8172905	144118	
8172928	144161	
8173005	144209	
8173067	144222	
8173086	144203	
8173061	144152	
8173072	144130	
8173186	144179	
8173188	144157	
8173238	144111	
8173330	144079	
8173429	144074	Section line common to sections 1 and 2, T42N-R04W
8173554	144067	Southeasterly in section 1, T42N-R04W
8173558	143989	
8173564	143983	Section line common to sections 1 and 12, T42N-R04W
8173626	143914	Returning loop in section 12, T42N-R04W
8173686	143874	
8173709	143987	
8173710	143988	Section line common to sections 1 and 12, T42N-R04W
8173767	144015	Returning loop in section 1, T42N-R04W
8173769	143990	Section line common to sections 1 and 12, T42N-R04W
8173772	143933	Southeasterly in section 12, T42N-R04W
8173848	143905	
8173799	143835	
8173812	143793	
8173850	143757	
8173897	143749	
8173949	143639	
8173993	143604	
8173958	143565	
8174128	143512	
8174225	143463	
8174343	143372	
8174392	143304	
8174485	143318	
8174577	143301	

X	Y	Description
8174722	143238	
8174818	143162	
8174896	143132	
8175042	143148	Section line common to section 12, T42N-R04W, and section 7, T42N-R03W
8175091	143153	Easterly in section 7, T42N-R03W
8175162	143186	Southwesterly edge of FR 3308C
8175249	143080	Southeasterly on the southwesterly edge of FR 3308C
8175272	143073	Intersection with a segment defined by the following coordinates
8175275	143072	Southeasterly in section 7, T42N-R03W
8175330	142977	
8175358	142954	
8175398	142948	
8175432	142966	
8175442	143014	Southerly edge of FR 3308C
8175696	142928	Easterly on the southerly edge of FR 3308C
8175735	142867	Intersection with a segment defined by the following coordinates
8175961	142947	Southeasterly in section 7, T42N-R03W
8176015	142983	
8176092	142916	
8176119	142787	
8176164	142699	
8176247	142632	
8176340	142588	
8176512	142546	
8176614	142464	Section line common to sections 7 and 18, T42N-R03W
8176649	142437	Southeasterly in section 18, T42N-R03W
8176675	142432	Section line common to sections 17 and 18, T42N-R03W
8176676	142408	Southerly on section line common to sections 17 and 18, T42N-R03W
8176678	142335	
8176678	142310	Southwesterly edge of FR 3308
8176738	142300	Southeasterly along the southwesterly edge of FR 3308
8176794	142148	
8176928	142065	Northwesterly edge of FH 26
8176781	141791	Southwesterly along the northwesterly edge of FH 26
8176702	141601	Section line common to sections 17 and 18, T42N-R03W
8176563	141266	Southwesterly along the northwesterly edge of FH 26
8176442	140840	Section line common to sections 18 and 19, T42N-R03W
		Westerly on section line common to sections 18 and 19, T42N-R03W
8176119	140831	West/East sixty-fourth corner to sections 18 and 19, T42N-R03W
		Southerly on the west/east sixty-fourth line section 19, T42N-R03W
8176133	140429	Center-west/Northeast sixty-fourth corner to section 19, T42N-R03W
		Westerly on the north sixteenth line to section 19, T42N-R03W
8175932	140423	Center-north sixteenth corner to section 19, T42N-R03W
		Southerly on the center quarter section line to section 19, T42N-R03W
8175945	140020	Center quarter corner to section 19, T42N-R03W
		Easterly on the center quarter section line to section 19, T42N-R03W
8176138	140026	Center-west-east sixty-fourth corner to section 19, T42N-R03W

X	Y	Description
8176146	140027	Southerly on the west-east sixty-fourth line section 19, T42N-R03W
8176153	139826	Northwest/Southeast sixty-fourth corner to section 19, T42N-R03W
		Easterly on the north-south sixty-fourth line section 19, T42N-R03W
8176377	139832	Center-north/Southeast sixty-fourth corner to section 19, T42N-R03W
		Northerly on the east sixteenth line section 19, T42N-R03W
8176368	140028	Center-east sixteenth corner to section 19, T42N-R03W
		Easterly on the center quarter section line to section 19, T42N-R03W
8176459	140030	Intersection with a segment defined by the following coordinates
8176478	140031	Northeasterly in section 19, T42N-R03W
8176530	140066	
8176558	140110	
8176574	140188	
8176656	140310	
8176652	140364	
8176702	140400	
8176754	140400	Section line common to sections 19 and 20, T42N-R03W
8176775	140399	
8176823	140442	
8176915	140459	
8176955	140525	
8177017	140546	
8177102	140627	
8177180	140624	
8177232	140712	
8177263	140719	
8177354	140794	
8177403	140871	
8177408	140875	Section line common to sections 17 and 22, T42N-R-03W
8177450	140908	Returning loop in section 17, T42N-R03W
8177482	140877	Section line common to sections 17 and 22, T42N-R-03W
8177533	140838	Returning loop in section 20, T42N-R03W
8177599	140828	
8177646	140850	
8177664	140883	Section line common to sections 17 and 22, T42N-R-03W
8177642	140948	Northeasterly in section 17, T42N-R03W
8177660	140980	
8177709	140997	
8177842	140983	Easterly edge of FR 3900
8177877	141172	Northerly along the easterly edge of FR 3900
8177887	141201	Intersection with a segment defined by the following coordinates
8177957	141195	Easterly in section 17, T42N-R03W
8178065	141159	
8178258	141158	
8178320	141143	Section line common to sections 16 and 17, T42N-R03W
8178378	141129	Southeasterly in section 16, T42N-R03W
8178499	141060	
8178589	140954	

X	Y	Description
8178637	140931	High water mark in St. Martins Bay
8178632	140919	Southwesterly along the meander of St. Martins Bay
8178627	140906	Meander corner to sections 16 and 21, T42N-R03W
8178587	140811	Southerly along the meander of St. Martins Bay
8178585	140805	
8178600	140794	
8178605	140790	
8178623	140777	
8178629	140772	
8178630	140765	
8178631	140752	
8178621	140707	
8178615	140678	
8178620	140650	
8178620	140650	
8178632	140583	
8178636	140560	
8178633	140506	
8178631	140462	
8178624	140449	
8178603	140409	
8178621	140383	
8178626	140376	
8178628	140355	
8178633	140302	Intersection with a segment defined by the following coordinates
8178612	140284	Westerly in section 21, T42N-R03W
8178497	140224	
8178397	140250	
8178374	140220	Point of Beginning

Chuck Oslund  
Survey Technician  
6-03-2002

Reviewed;  
Charles J. Oslund P.S. 50445  
Forest Land Surveyor  
Hiawatha National Forest

Signed: Charles J. Oslund Date: 07-21-2009