

Resource Name/Type	Location		Side	Construction Activity	Permitted Activity	Controlling Criteria	Special Provision?	Comments including any permit expiration dates
	Beginning STA	Ending STA						
Stream 38	SR 316, 1281+67	1292+10	Both	Roadway construction, drainage structure extension, rip-rap placement (both)	587.6 linear feet of permanent stream impact.	Section 404 of the CWA	N/A	An Individual Permit will need to be obtained from USACE prior to construction for this impact. Any changes to impacts will need to be permitted under Section 404 of the CWA.
Stream 38 Buffer	SR 316, 1281+94	1292+31	Both	Roadway construction, drainage structure extension, rip-rap placement (both north and south of SR 316), and erosion control/OBF placement.	140.8 linear feet (2,546.6 square feet) for placement of slope embankment fills, erosion control, and OBF along Lightning Access Drive.	GESA	N/A	A Stream Buffer Variance will need to be obtained from GA EPD prior to construction for this buffer impact. However, impacts associated with the culvert extension and non-erodible drainage structures are exempt from a stream buffer variance, as well as impacts within 50 feet of the proposed
Wetland 38a	SR 20, 102+01	102+68	Right	Roadway construction, placement of slope embankment fills, drainage structure extension, rip-rap placement (west side of SR	0.002 acre of temporary wetland impact and 0.03 acre of permanent wetland impact.	Section 404 of the CWA	N/A	An Individual Permit will need to be obtained from USACE prior to construction for this impact. Any changes to impacts will need to be permitted under Section 404 of the CWA.
Stream 39	SR 316, 1294+30	1297+08	Left	Roadway construction (detour and ramp), placement of slope embankment fills, drainage ditch, and channel	262.7 linear feet of permanent stream impact	Section 404 of the CWA	N/A	An Individual Permit will need to be obtained from USACE prior to construction for this impact. Any changes to impacts will need to be permitted under Section 404 of the CWA.
Stream 39 Buffer	SR 316, 1294+30	1297+08	Left	Roadway construction (detour and ramp), placement of slope embankment fills, drainage ditch, channel reconstruction, and erosion control/OBF placement.	334.6 linear feet (15,366.7 square feet) for construction of detour/ramp, placement of slope embankment fills, channel reconstruction, and erosion control/OBF placement.	GESA	N/A	A Stream Buffer Variance will need to be obtained from GA EPD prior to construction for this buffer impact.
Stream 39a	SR 316, 1290+38	1290+77	Left	Roadway construction, placement of slope	None	None	N/A	Non-jurisdictional, non-buffered state water.
Stream 40	SR 316, 1295+49	1295+84	Left	Channel reconstruction associated with new confluence with relocated Stream 39.	50.0 linear feet of permanent stream impact.	Section 404 of the CWA	N/A	An Individual Permit will need to be obtained from USACE prior to construction for this impact. Any changes to impacts will need to be permitted under Section 404
Stream 40 Buffer	SR 316, 1295+25	1296+42	Left	Channel reconstruction associated with new confluence with relocated Stream 39, erosion control/OBF	42.9 linear feet (1,737.1 square feet) for channel reconstruction at proposed confluence with reconstructed reach of Stream 39, erosion	GESA	N/A	A Stream Buffer Variance will need to be obtained from GA EPD prior to construction for this buffer impact.
Wetland 41	SR 316, 1318+07	1320+09	Right	Roadway construction, placement of slope embankment fills, and drainage	0.008 acre of temporary wetland impact and 0.19 acre of permanent wetland impact.	Section 404 of the CWA	N/A	An Individual Permit will need to be obtained from USACE prior to construction for this impact. Any changes to impacts will need to be permitted under Section 404
Stream 42	SR 316, 1310+52	1320+19	Both	Roadway construction, regrading of roadside ditch area (north of SR 316), drainage structure extension, and channel reconstruction	731.0 linear feet of permanent stream impact.	Section 404 of the CWA	N/A	An Individual Permit will need to be obtained from USACE prior to construction for this impact. Any changes to impacts will need to be permitted under Section 404 of the CWA.

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Stream 42 Buffer	SR 316, 1310+52	1320+42	Both	Roadway construction, regrading of roadside ditch area (north of SR 316), drainage structure extension, channel reconstruction (south of SR	354.2 linear feet (16,184.7 square feet) for regrading of the roadside ditch area (north of SR 316) and channel reconstruction at proposed drainage structure outlet (south of SR 316).	GESA	N/A	A Stream Buffer Variance will need to be obtained from GA EPD prior to construction for this buffer impact. However, impacts associated with the culvert extension are exempt from a stream buffer variance, as well as impacts within 50 feet of the proposed roadway
Stream 43	SR 316, 1334+91	1338+69	Both	Roadway construction in the vicinity.	None	Section 404 of the CWA	N/A	No impacts based on construction plans dated May 2011.
Stream 43 Buffer	SR 316, 1334+50	1339+03	Both	Roadway construction in the vicinity.	OBF will be utilized to avoid impacts to this buffer area.	GESA	N/A	No impacts based on construction plans dated May 2011.
Stream 43a	SR 316, 1333+58	1334+89	Left	Roadway construction in the vicinity.	None	None	N/A	Non-jurisdictional, non-buffered state water.
Wetland 43b	SR 316, 1334+36	1336+93	Left	Roadway construction in the vicinity.	None	Section 404 of the CWA	N/A	No impacts based on construction plans dated May 2011.
Stream 43c	SR 316, 1335+15	1335+68	Left	Roadway construction in the vicinity.	None	Section 404 of the CWA	N/A	No impacts based on construction plans dated May 2011.
Stream 43c Buffer	SR 316, 1335+15	1335+68	Left	Roadway construction in the vicinity.	OBF will be utilized to avoid impacts to this buffer area.	GESA	N/A	No impacts based on construction plans dated May 2011.
Migratory Birds (London Connector)	16+32	28+55	Both	Clearing and grubbing of vegetation for new location area.	Refer to Special Provision 107.23g	Migratory Bird Treaty Act	107.23g	Contractor shall direct questions to the Engineer, and the Engineer shall contact Environmental Services if necessary for
Migratory Birds (Ramp V)	4288+34.39	4299+54.15	Both	Clearing and grubbing of vegetation for new location area.	Refer to Special Provision 107.23g	Migratory Bird Treaty Act	107.23g	Contractor shall direct questions to the Engineer, and the Engineer shall contact Environmental Services if necessary for
Migratory Birds (Ramp W)	600+73.93	610+00	Both	Clearing and grubbing of vegetation for new location area.	Refer to Special Provision 107.23g	Migratory Bird Treaty Act	107.23g	Contractor shall direct questions to the Engineer, and the Engineer shall contact Environmental Services if necessary for
Migratory Birds (Reynolds Road extension)	62+00	73+78.32	Both	Clearing and grubbing of vegetation for new location area.	Refer to Special Provision 107.23g	Migratory Bird Treaty Act	107.23g	Contractor shall direct questions to the Engineer, and the Engineer shall contact Environmental Services if necessary for
Migratory Birds (Lightning Access Drive)	402+22	416+55	Both	Clearing and grubbing of vegetation for new location area.	Refer to Special Provision 107.23g	Migratory Bird Treaty Act	107.23g	Contractor shall direct questions to the Engineer, and the Engineer shall contact Environmental Services if necessary for
Migratory Birds (Park Access Drive)	315+95.66	329+22	Both	Clearing and grubbing of vegetation for new location area.	Refer to Special Provision 107.23g	Migratory Bird Treaty Act	107.23g	Contractor shall direct questions to the Engineer, and the Engineer shall contact Environmental Services if necessary for
Migratory Birds (Eastbound CD Road/Ramp X)	2291+00	2297+70	Both	Clearing and grubbing of vegetation for new location area.	Refer to Special Provision 107.23g	Migratory Bird Treaty Act	107.23g	Contractor shall direct questions to the Engineer, and the Engineer shall contact Environmental Services if necessary for
Migratory Birds (Ramp AA)	3297+00	3304+55	Both	Clearing and grubbing of vegetation for new location area.	Refer to Special Provision 107.23g	Migratory Bird Treaty Act	107.23g	Contractor shall direct questions to the Engineer, and the Engineer shall contact Environmental Services if necessary for
Migratory Birds (SR 316 WB/Ramp AA Detour) including temporary easement areas for detour	24+40	36+00	Both	Clearing and grubbing of vegetation for new location area.	Refer to Special Provision 107.23g	Migratory Bird Treaty Act	107.23g	Contractor shall direct questions to the Engineer, and the Engineer shall contact Environmental Services if necessary for resolution.



REVISION DATES		STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: PROGRAM DELIVERY	
		GENERAL NOTES	
		DRAWING No. SR 316 4-03	