

**Coshocton County Engineer's
Office**

SNOW PATROL POLICY

2019-2020

Frederick T. Wachtel, P.E., P.S.
County Engineer

Presented to Board of County Commissioners
December 2, 2019

**COSHOCTON COUNTY ENGINEER
SNOW PATROL POLICY
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Section 1. SNOW PATROL POLICY

PURPOSE:

The Coshocton County Engineer's Office is responsible for snow and ice control on the 350 miles of county roads. Our mission is to assist in the protection, safety, and mobility of the traveling public during severe weather conditions requiring snow and ice control measures. This policy outlines the County Engineer's Office response to such situations.

PROCEDURE:

County Engineer's supervisory personnel in conjunction with the Coshocton County Sheriff's Office provide around-the-clock call out coverage. After normal working hours, the Sheriff's Office will monitor road conditions, and in the event of inclement weather, the established call out procedure will be utilized. The Sheriff will call the designated County Engineer's supervisor and that supervisor will then determine if or when Engineer's Office personnel will be mobilized to treat the roads. Due to the price of salt and fuel, County Engineer's supervisors will be very selective when deciding to mobilize the snow patrol crew. Road conditions will be monitored regularly. However, there may be events that will not be treated at all. The County Engineer's supervisor will advise the Sheriff's Office if he decides to not call out any personnel.

In addition, the County Engineer's personnel monitor weather trends via the Weather Channel and the Internet.

For the winter of 2019 - 2020, the normal material used to treat the roads will be straight salt.

PRIORITIES:

1. County Engineer's personnel normally provide snow and ice treatment first on the roads identified on the Snow Patrol Road Priority List. Weather conditions may be such that some of these roads will not need attention immediately. However, their condition will be monitored to determine if or when they need to be addressed. These priority roads are assigned to various routes and may not always be the first roads treated in the County.
2. Stranded Vehicles - When County Engineer personnel are the only source of help, said personnel should attempt to check stranded vehicles and the condition of any occupants. Needs should be relayed via the County radio so that the appropriate help can be summoned. County personnel should not attempt to free stuck vehicles without first consulting with the supervisor on duty.
3. All blocked roads that cannot be cleared with the plow trucks will be opened as soon as other equipment and manpower are available. These areas will not normally be addressed until the rest of the roads have been treated.
4. After the roads have been treated and blocked areas cleared, personnel will work to obtain additional open road width by following up with plows, graders, loaders, etc.

LEVEL OF SERVICE:

It is the County Engineer's policy to treat the roads in such a manner that, **with reasonable caution**, motorists should be able to safely reach their destination. Motorists are hereby advised that properly maintaining their vehicles for winter weather, and allowing additional time will greatly improve their ability to safely reach their destination.

The County Engineer's Office will attempt to maintain coverage adequate to handle the weather conditions. For a countywide event, personnel will be mobilized to cover the 10 established snow routes,

and, if conditions warrant, the two gravel routes. In the event that adequate personnel or equipment are not available, the unmanned routes may be covered by non-bargaining unit personnel or split among the other personnel. Equipment and operators from local contractors may also be utilized, if needed.

Snow patrol operations will continue until all roads have been treated. Should it be necessary to repeat coverage, the supervisor may split the workforce and send a portion of the crew home for rest while the remainder continue treating operations. The personnel sent home will return at a designated time to relieve the remaining crew so that they may rest. This rotation will continue as long as conditions warrant. **However, drivers will be limited to 15 hours continuous service.**

There may be times when conditions are such that, for the safety of County Engineer's personnel, all operations will be shut down until the weather improves enough to safely send personnel and equipment out. At such times, the Engineer will notify the Sheriff's Office of the situation and will advise them when operations will resume.

ANNUAL REVIEW

County Engineer's personnel will annually review the snow routes to determine if any conditions have changed. Priority roads will also be reviewed to see if there needs to be any changes to the list.

Snow patrol equipment will be maintained in the off-season and any repairs or replacements completed by November 30th.

Drivers will drive their routes prior to the winter season to become familiar with road conditions and problem areas. Training in the proper use of the equipment as well as safety procedures will be done annually.

Each truck will be supplied with a tow chain, first aid kit, tire chains, and flashlight. It will be the driver's responsibility to maintain these items and to report any deficiencies to his supervisor.

Section 2. SNOW PATROL POLICY FOR GRAVEL ROADS

Gravel roads present a unique challenge for snow and ice control. The accumulation of snow pack and ice, along with difficult drainage conditions compounded by freezing and thawing, present some special maintenance problems. Following is the County Engineer's general approach to dealing with gravel roads:

1. In routine snow events, we will use the trucks to treat the dust mats and sealed portions of the gravel roads, leaving the gravel portions alone.
2. Should the need arise to plow the roads, trucks set up for gravel roads will be utilized. These units will be set to distribute a mix of sand and cinders. The use of road graders is also permissible for this operation.
3. The use of ice melting agents will be limited to extremely icy locations. When material is needed for traction, straight cinders or limestone with minimal amounts of salt may be applied. Care must be taken to avoid applying excessive amounts of salt to reduce the amount of thaw damage to the roads.

Section 3. Snow Patrol Priority Road List

The roads listed below shall receive higher priority on their respective routes in normal snow patrol situations:

1. CR 1 from SR 643 to SR 83 through Keene
2. CR 1A from US 36 to Coshocton City Limits
3. CR 6 from SR 16 to TR 306, Warner Church
4. CR 9 from SR 751 to Newcomerstown Village Limits
5. CR 10 from US 36 to CR 425
6. CR 16 from Coshocton City Limits to West Lafayette Village Limits
7. CR 22 from Warsaw to CR 33, Spring Mountain
8. CR 24 from SR 83 to CR 207
9. CR 55 from CR 23 to Coshocton City Limits
10. CR 91 from Coshocton City Limits to SR 83 – The Tuscarawas Township Trustees are providing snow patrol services for this road per Shared Services Agreement signed April 4, 2014.
11. CR 271 from Coshocton City Limits to CR 273
12. CR 275 from SR 83 to CR 271
13. Airport Road from CR 621 to US 36

There will be storm events that only affect portions of the County and in those instances, different priorities may arise.

Section 4. SNOW ROUTES – MILEAGE

Priority roads are shown in bold.

LAPP - T-30	ASPHALT	GRAVEL
CR 10, US 36 to CR 425	3.25	0
CR-10 – Church Street and Brenaird Street in Canal Lewisville TUS Twp. will treat as part of Shared Services Agreement	0.25	0
CR 10, CR 425 to SR 651	10.70	0
CR 236	3.00	0
CR 88	0.28	0
CR 227	2.30	0
CR 190	1.74	0
TR 214 M O U w/ Mill Creek Twp.	0.00	0.5
CR 186	2.51	0
CR 406	2.09	0
TOTAL MILES	26.12	0.5

WATSON - T-19	ASPHALT	GRAVEL
CR 1A	0.52	0
CR 16	4.51	0
CR 9	4.27	0
CR 106 from TR 121 to Tuscarawas Co. Ln.	3.07	0
CR 254	1.98	0
CR 410 From CR 9 to TR 121	2.55	0
CR 5	3.48	0
CR 151	1.92	0
CR 124	3.91	0
CR 495	2.01	0
CR 493	0.11	0
CR 496	0.12	0
TOTAL MILES	28.45	0.0

WESTHOEFER - T-28	ASPHALT	GRAVEL
CR 54	3.92	0
CR 79	0.44	0
TR 79, CR 79 to to TR 80 M O U w/ Bedford Twp.	0.42	0
CR 70	1.06	0
CR 3 from Muskingum Co. Line to SR 541	9.65	0
CR 80	6.16	0
CR 18	5.43	2.68
CR 383	1.45	0
CR 367 from CR 18 to SR 541	3.67	0
CR 436 from CR 4 to CR 3	3.32	0
TOTAL MILES	35.54	2.7

SIMS - T-22	ASPHALT	GRAVEL
CR 621	1.88	0
Airport Road (CR 202)	1.33	0
Hangar Court (CR 203)	0.10	0
CR 425	2.80	0
CR 2	5.15	0
CR 93	6.15	0
CR 103	2.02	0
CR 281	0.40	0
CR 97	0.99	0
CR 143	0.61	0
CR 171	2.04	0
CR 39	0.32	0
CR 116	0.44	0
CR 115	1.04	0
CR 170	2.04	0
TOTAL MILES	27.31	0

MOORE - T-17	ASPHALT	GRAVEL
CR 193	2.10	0
CR 1	1.78	0
CR 24 from SR 83 to CR 207	3.35	0
CR 24 from CR 207 to CR 28	2.89	0
CR 207	1.04	0
CR 25	2.25	2.76
CR 23 from CR 24 to US 36	1.14	0
CR 476	0.56	0
CR 12	9.57	0
CR 126	0	4.03
CR 405	0.82	1.84
CR 38	1.60	2.77
TOTAL MILES	27.1	11.4

EVERHART - T-14	ASPHALT	GRAVEL
CR 23, CR 17 to US 36	5.02	0
CR 55	1.99	0
CR 58	5.19	0
CR 501	0.65	0
CR 17	4.33	0
CR 3, SR 60 to SR 541	2.99	0
CR 51	1.39	0
CR 402	3.70	0
CR 92	1.80	0
CR 367 from SR 541 to SR 229	2.88	0
CR 99	0	4.36
CR 82	.75	3.40
TOTAL MILES	30.69	7.8

HELMICK - T-7	ASPHALT	GRAVEL
CR 271, CR 273 to Coshocton Corporation Limit	4.11	0
CR 271, TR 263 to CR 273	1.39	0
CR 275	.70	0
CR 273	1.58	0
CR 274	1.85	0
CR 497	.39	0
CR 429	.85	0
CR 91	0.93	0
TUS Twp. will treat as part of Shared Services Agreement		
CR 7	4.71	2.24
CR 410	2.49	3.78
SR 83 to Village of Plainfield		
CR 149	0.54	0
CR 106 from SR 93 to TR 121	0	3.03
CR 120	0	2.22
CR 123	1.94	2.86
CR 410, SR 93 to TR 121	0	3.16
And Village of Plainfield Streets per MOU	2.00	0
TOTAL MILES	23.44	17.3

CLARKE - T-20	ASPHALT	GRAVEL
CR 41	2.55	0
Village CR 41	0.77	0
M O U w/ Village of Nellie		
Spring Mountain Road	0.35	0
M O U w/ Village of Warsaw		
CR 22	6.13	0
CR 401	3.83	0
CR 20	6.09	0
CR 452	0	3.37
CR 132	2.24	0
CR 33, CR 401 to CR 22	0	3.76
CR 368	2.55	5.54
CR 365 – MOU w/ Tiverton Twp. and Knox County Engineer to treat this road.	0.53	0
TOTAL MILES	25.04	12.7

ALBERTSON, B. - T-9	ASPHALT	GRAVEL
CR 6, CR 16 to TR 306	2.45	0
CR 6, TR 306 to Muskingum Co. Line	7.98	0
CR 439	2.52	0
CR 4, CR 439 to SR 60	2.67	0
CR 436 from SR 60 to CR 4	3.91	0
CR 14	1.46	0
CR 4, SR 60 to SR 541	5.87	0
CR 489	0.09	0
CR 75	4.33	0
CR 294	0.85	0
CR 297	4.73	0
CR 298	0.94	0
CR 286	0.81	3.26
TOTAL MILES	38.61	3.3

KASER - T-8	ASPHALT	GRAVEL
CR 27	3.73	0
CR 28	0.65	0
CR 24, CR 28 to SR 60	3.73	0
CR 49	2.84	1.29
CR 319	0.81	0
CR 33, CR 22 to CR 49	1.00	3.59
CR 318	0.68	0
CR 343	5.40	0
CR 19, SR 60 to SR 83	4.23	0
CR 19, CR 33 to SR 60	5.92	
CR 323	1.57	0
TOTAL MILES	30.33	4.9

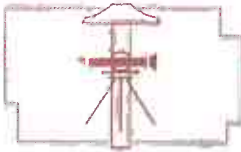
Designated Gravel Routes

PATTERSON - T-10 GRAVEL	ASPHALT	GRAVEL
CR 126		4.03
CR 38		2.77
CR 405		1.84
CR 25		2.76
CR 49		1.29
CR 33		7.35
CR 452		3.37
CR 368		5.54
TOTAL MILES		29.0

ALBERTSON, D. - T-16 GRAVEL	ASPHALT	GRAVEL
CR 410, SR 83 to TR 121		6.97
CR 106, SR 93 to TR 121		3.03
CR 120		2.22
CR 7, TR 137 to CR 410		2.24
CR 123		2.86
CR 286		3.26
CR 82		3.40
CR 99		4.36
CR 18, SR 541 to CR 367		2.93
TOTAL MILES		31.3

Section 5. Agreements

Following are the Memorandums of Understanding and Shared Services Agreements in effect for the Winter of 2019 – 2020.



COSHOCTON COUNTY ENGINEER

(740) 622-2135 FAX: (740) 623-6512

Frederick T. Wachtel, P.E., P.S.

Memorandum of Understanding

For

Snow and Ice Control

City of Coshocton - CR 16

Coshocton County - CR 493

Coshocton County - CR 271 (South Second Street)

Winter of 2019 - 2020

The Coshocton County Engineer's snow patrol operator will treat the City of Coshocton portion of CR 16 from the Chestnut Crossing Apartment Complex to Morgan Run Road in the same manner he is treating the county portion of the road.

The City of Coshocton's snow patrol operator will treat the County portion of S. Whitewoman Street (CR 493) from corporation limit to corporation limit in the same manner he is treating the city's portion of the road.

This reciprocal treatment agreement serves both operations since their respective trucks pass right over the other's noted roads.

This agreement shall expire May 1, 2020.

City of Coshocton Mayor

Steve Mercer

Date

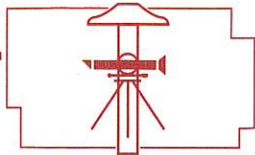
11/7/19

Coshocton County Engineer

Frederick T. Wachtel

Date

9/6/19



COSHOCTON COUNTY ENGINEER

(740) 622-2135 FAX: (740) 623-6512

Frederick T. Wachtel, P.E., P.S.

Memorandum of Understanding

For

Snow and Ice Control
CR 41, Village of Nellie
Winter of 2019 - 2020

If the Coshocton County Engineer's snow patrol operator arrives at CR 41 in the Village of Nellie before the Village snow crew, the operator shall plow and/or treat this section of Village street in the same manner he is treating the county portion of the road.

This treatment is provided as a courtesy to the Village and any complaints with regard to plowing driveways shut, etc. will be referred to the Village Administration.

This agreement shall expire May 1, 2020.

Village of Nellie Mayor




Jeff Wherley *Mark E. Orr*

9/16/19

Date

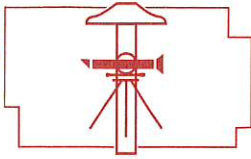
Coshocton County Engineer



Frederick T. Wachtel

9/6/19

Date



COSHOCTON COUNTY ENGINEER

(740) 622-2135 FAX: (740) 623-6512

Frederick T. Wachtel, P.E., P.S.

Memorandum of Understanding

For

Snow and Ice Control

Village of Plainfield

Winter of 2019 - 2020

RECEIVED

OCT 23 2019

COSHOCTON COUNTY ENGINEER

The Coshocton County Engineer (CCE), when treating the county roads in the vicinity of the Village of Plainfield, will plow and/or treat the village streets, approximately 2 miles of streets, in the same manner as the county roads in the area. The CCE will not make a special trip to provide this service.

The CCE will adhere to the Coshocton County Engineer's Office Snow Patrol Policy, 2019-2020, for all aspects of response to winter events, including the decision of whether or not to mobilize for any particular event. A copy of said policy will be provided to the Village upon request. The Village will be responsible for providing snow patrol service if the CCE is not out treating roads.

This service is provided as a contracted service to the Village and any complaints with regard to plowing driveways shut, level of service, etc. will be referred to the Village Administration.

The CCE will provide the equipment, driver, and material to treat the streets. The CCE will bill the Village of Plainfield monthly for these services at a rate of \$60 per treatment.


This agreement shall expire May 1, 2020.

Village of Plainfield Mayor

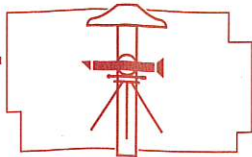

Linda Scott

Oct. 10, 2019
Date

Coshocton County Engineer


Frederick T. Wachtel

9/6/19
Date



COSHOCTON COUNTY ENGINEER

(740) 622-2135 FAX: (740) 623-6512

Frederick T. Wachtel, P.E., P.S.

Memorandum of Understanding For Snow and Ice Control Spring Mountain Road, Village of Warsaw Winter of 2019 - 2020

If the Coshocton County Engineer's snow patrol operator arrives at Spring Mountain Road in the Village of Warsaw before the Village snow crew, the operator shall plow and/or treat this section of Village street in the same manner as the county portion of the road.

This treatment is provided as a courtesy to the Village and any complaints with regard to plowing driveways shut, etc. will be referred to the Village Administrator.

This agreement shall expire May 1, 2020.

^{Council}
Village of Warsaw Mayor

Coshocton County Engineer



Ron Davis



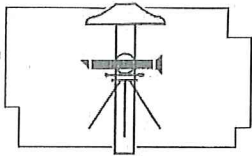
Frederick T. Wachtel

9/16/2019

Date

9/6/19

Date



COSHOCTON COUNTY ENGINEER

(740) 622-2135 FAX: (740) 623-6512

Frederick T. Wachtel, P.E., P.S.

Memorandum of Understanding

For

Snow and Ice Control

CR 12, Holmes County Engineer

CR 19, Holmes County Engineer

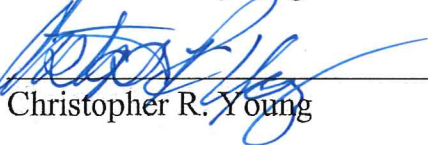
Winter of 2019- 2020

The Coshocton County Engineer's snow plow operator will treat the Holmes County portion of CR 12 and CR 19 in the same manner he is treating the Coshocton County portion of the road.

This treatment is provided as a courtesy to the Holmes County Engineer because Coshocton County's snow plow operator must drive over the Holmes County portion of the road to treat Coshocton's portion of CR 12 and CR 19.

This agreement shall expire May 1, 2020.

Holmes County Engineer

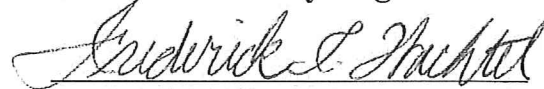


Christopher R. Young

11/21/19

Date

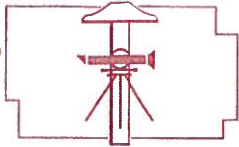
Coshocton County Engineer



Frederick T. Wachtel

9/6/19

Date



COSHOCTON COUNTY ENGINEER

(740) 622-2135 FAX: (740) 623-6512

Frederick T. Wachtel, P.E., P.S.

Memorandum of Understanding

For

Snow and Ice Control

CR 365 west of the Mohican River,

Knox County Engineer and

Coshocton County Engineer

Winter of 2019 - 2020

The Coshocton County Engineer's snow plow operator will not cross the posted truss bridge over the Mohican River to treat the portion of CR 365 west of the river to the Knox County Line. The Knox County Engineer will treat this portion of CR 365, approximately 0.5 mile, in the same manner he is treating Flat Run Road in Knox County.

This treatment is provided as a courtesy by the Knox County Engineer so the Coshocton County snow plow operator doesn't have to cross the posted bridge on CR 365.

This agreement shall expire May 1, 2020.

Knox County Engineer

Cameron Keaton

11/5/2019

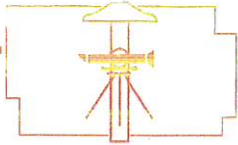
Date

Coshocton County Engineer

Frederick T. Wachtel

9/6/19

Date



COSHOCTON COUNTY ENGINEER

(740) 622-2135 FAX: (740) 623-6512

Frederick T. Wachtel, P.E., P.S.

Memorandum of Understanding

For

Snow and Ice Control

Bedford TR 79 from CR 79 to TR 80

Winter of 2019 - 2020

If the Coshocton County Engineer's snow patrol operator arrives at TR 79 in Bedford Township before the Township snow crew, the operator shall plow and/or treat this section of Bedford TR 79 in the same manner he is treating the county portion of the road.

This treatment is provided as a courtesy to the Bedford Township Trustees and any complaints with regard to plowing driveways shut, etc. will be referred to Bedford Township.

This agreement shall expire May 1, 2020.

Bedford Township Trustees

Tommy
Robert Meve

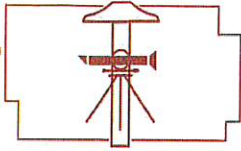
Alan Underwood

9/13/19
Date

Coshocton County Engineer

Frederick T. Wachtel
Frederick T. Wachtel

9/6/19
Date



COSHOCTON COUNTY ENGINEER

(740) 622-2135 FAX: (740) 623-6512

Frederick T. Wachtel, P.E., P.S.

Memorandum of Understanding

For

Snow and Ice Control

Mill Creek TR 214

Winter of 2019 - 2020

If the Coshocton County Engineer's snow patrol operator arrives at TR 214 in Mill Creek Township before the Township snow crew, the operator shall plow and/or treat this section of Mill Creek TR 214 in the same manner he is treating other county roads in the area.

This treatment is provided as a courtesy to the Mill Creek Township Trustees and any complaints with regard to plowing driveways shut, etc. will be referred to Mill Creek Township.

This agreement shall expire May 1, 2020.

Mill Creek Township Trustees

Brian Baird

Neil Croff

Du MIT

11/25/19

Date

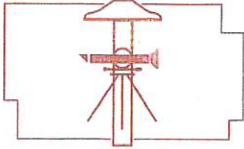
Coshocton County Engineer

Frederick T. Wachtel

Frederick T. Wachtel

9/6/19

Date



COSHOCTON COUNTY ENGINEER

(740) 622-2135 FAX: (740) 623-6512

Frederick T. Wachtel, P.E., P.S.

Memorandum of Understanding

For

Snow and Ice Control

Coshocton CR 365,

from CR 368 through the Mohican River Bridge

Winter of 2019 - 2020

RECEIVED

DEC 09 2019

COSHOCTON COUNTY ENGINEER

As a result of the reduced load limit imposed on this bridge over the Mohican River, the Coshocton County Engineer has requested that the Tiverton Township Trustees clear CR 365 from CR 368 through the bridge using their smaller plow truck. The Tiverton Township Trustees will treat this section of road and the bridge in the same manner they treat their own township roads.

In appreciation for this assistance, the Coshocton County Engineer will provide 8 tons of 57 limestone to the Tiverton Township Trustees for their use.

This agreement shall expire May 1, 2020.

Tiverton Township Trustees

Coshocton County Engineer

Richard A Bonda Jr.

Frederick T. Wachtel

Frederick T. Wachtel

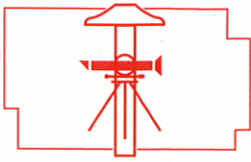
Michael Wesley Jr.

9/16/19
Date

[Signature]

November 27, 2019

Date



COSHOCTON COUNTY ENGINEER

(740) 622-2135 FAX: (740) 623-6512

Frederick T. Wachtel, P.E., P.S.

2/28/14-FTW

*Shared Services Agreement
between the
Tuscarawas Township Trustees
and the
Coshocton County Engineer*

In order to better serve the public and to further demonstrate local government's ability to work together, the Tuscarawas Township Trustees and the Coshocton County Engineer have entered into this "Shared Services Agreement" as described below.

The Trustees will provide snow patrol service on the following County Roads – Otsego Ave. (CR 91) from the railroad tracks south to SR 83; and, Church St. and Brenaird St. (CR 10) in Canal Lewisville. The Trustees will provide the same level of service on these roads as they provide on their township roads.

In exchange, the County Engineer will provide up to 2 workdays of boom mowing annually on Tuscarawas Township roads at the direction of the Trustees.

This "Shared Services Agreement" shall remain in effect until either party provides written notice to other of their intent to terminate said agreement.

The Tuscarawas Township Trustees authorized their Chairman, Donald Wells, to enter into such agreement by resolution passed at their meeting of Thursday, February 27, 2014.

Chairman, Tuscarawas Township Trustees

Date

Coshocton County Engineer

Date