

ANNUAL REPORT 2022

Serving Trumbull County



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**Trumbull County
Engineer**

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ANNUAL REPORT

Trumbull County Engineer
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2022

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COUNTY ENGINEER ROAD PROJECTS



**COLONIAL DR. (CH 38)
5TH AVE. TO LOGAN WAY
(OPWC)**



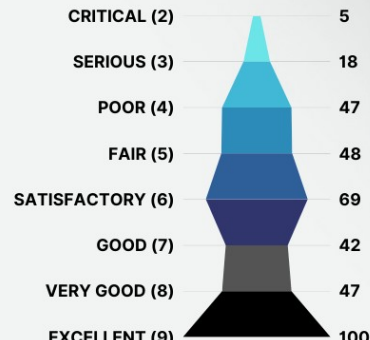
**HOAGLAND BLACKSTUB RD.
TRU-CH 203 ELM RD. TO EVERETT
HULL RD. (FED)**



**TRU-CH 329 VIENNA SIDEWALKS
MATHEWS HIGH SCHOOL WEST TO
SR 193 & SOUTH ON SR 193 (FED)**



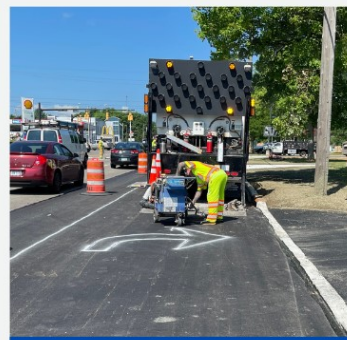
**NILES VIENNA RD.
TRU-CH 56 NILES CITY LIMITS TO
WARREN SHARON RD. (FED)**



**BRIDGE INSPECTION RATINGS
General Appraisals**



**PAINESVILLE WARREN
STATE RD. TRU-CH 206
SR 534 TO COUNTY LINE (FED)**



**TRU-EAST MARKET ST.
NORTH RD. INTERSECTION
(FED)**



**TRU-SR 45 TODD AVE.
SIDEWALKS 6TH ST. SOUTH
TO BANE ST. (FED)**

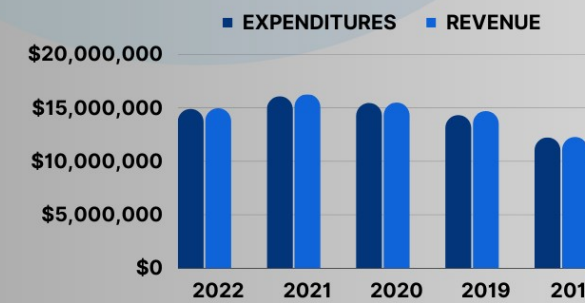


**CH 193 EVERETT HULL RD.
CH 203 TO LAKESHORE DR.
(LOCAL)**

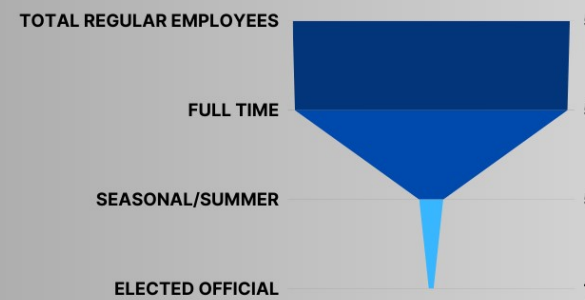
FINANCIAL HIGHLIGHTS & EMPLOYEE ROSTER



FIVE YEAR TREND



EMPLOYEE ROSTER



REVENUE 2022	
BEGINNING YEAR BALANCE	\$179,344.12
LICENSES & PERMITS	\$24,646.51
FINES	\$124,450.02
MOTOR TAX	\$6,088,491.25
GAS TAX	\$3,700,502.54
FEDERAL REIMB GRANT	\$3,384,660.92
STATE REIMB GRANT	\$57,921.12
DONATIONS	\$30,667.68
REIMB MISC POLITICAL ENTITIES	\$1,063,062.05
REIMB MISC OTHER REIMB	\$51,728.76
AUCTION	\$39,736.20
EMPL CONTR FOR HEALTH CARE PREM	\$127,468.44
OTHER	\$4,160.00
TOTAL	\$14,876,839.61

EXPENDITURES 2022	
SALARIES	\$3,220,701.68
BENEFITS	\$1,523,952.50
MATERIALS AND SUPPLIES	\$3,647,236.53
CAPITAL OUTLAY	\$1,217,410.56
CONTRACTED SERVICES	\$4,438,325.33
PROFESSIONAL SERVICES	\$303,248.97
TRAVEL AND EXPENSES	\$25,587.14
PAYMENTS TO OTHER GOV'T	\$41,928.00
DEBT SERVICE	\$400,756.24
JUDGEMENTS AND DAMAGES	\$262.43
PERMITS AND LICENSES	\$1,384.25
TOTAL	\$14,820,793.63

EQUIPMENT PURCHASED 2022	
MOWER MAX	\$245,205.00
CB8 TANDEM VIBRATORY ROLLER	\$115,000.00
COMPUTER NETWORK UPDATES	\$22,936.04
TOTAL	\$383,141.04

2022 CALENDAR YEAR SALT/ICM				
SALT/ICM USED	SALT (TONS)	SALT \$51.20/TON	ICM (TONS)	ICM \$19.75/TON
TCE	11,249	\$575,948.80	3,840	\$75,840.00
ENTITIES	10,336	\$529,203.20	868	\$17,143.00
TOTAL	21,585	\$1,105,152.00	4,708	\$92,983.00

ENTITY ASSISTANCE PROGRAM

ROAD MILEAGE	
COUNTY	456.696
TOWNSHIP	636.813
TOWNSHIPS	MILES
Bazetta	20.408
Bloomfield	15.281
Braceville	18.836
Bristol	23.885
Brookfield	42.89
Champion	41.385
Farmington	16.8
Fowler	10.299
Greene	12.965
Gustavus	16.442
Hartford	10.382
Howland	80.539
Hubbard	40.878
Johnston	9.077
Kinsman	21.036
Liberty	62.146
Mecca	14.798
Mesopotamia	15.876
Newton	34.919
Southington	20.233
Vernon	16.141
Vienna	15.249
Warren	36.184
Weathersfield	40.164
TOWNSHIP MILES	636.813

CHIP SEALING			
ROAD #	ROAD NAME	FROM - TO	TOWNSHIP
T.H. 119	DEPOT PHALANX RD.	SHANKS PHALANX RD TO BRACEVILLE ROBINSON RD.	BRACEVILLE
T.H. 120A	SHANKS PHALANX RD.	SR 534 TO SHANKS CORNER DOWNS RD.	BRACEVILLE
T.H. 244	NELSON LANE	SR 45 TO DEAD END	BRISTOL
T.H. 17	REPUBLIC AVE.	NUTWOOD TO DEAD END SECTION	CHAMPION
T.H. 204A	PRENTICE RD.	OAK HILL DR. TO SOUTHINGTON TWP. LINE	CHAMPION
T.H. 230C	LARSON WEST RD.	GIRDLE RD TO SR 534	FARMINGTON
T.H. 227C,D	CURTIS MIDDLEFIELD RD.	LARSON WEST RD. TO GEAUGA COUNTY LINE	FARMINGTON
T.H. 196D	CADWALLADER SONK RD.	SODOM HUTCHINGS RD. TO WARNER RD.	FOWLER
GUSTAVUS TWP. PARK			GUSTAVUS
T.H. 289C	SADDLER KROHLER RD.	SR 87 TO GARDNER BARCLAY RD.	GUSTAVUS
T.H. 284A,B	GARDNER BARCLAY RD.	RIDGE RD. TO SR 11 BRIDGE	GUSTAVUS
T.H. 1118A,B	ROSEDALE AVE.	ALL	HUBBARD
T.H. 1118A,B	ROSEDALE AVE.	ALL	HUBBARD
T.H. 16	POUND RD.	ALL	HUBBARD
T.H. 246A,B	IRISHTOWN SOUTHWORTH RD.	RIDGE RD. WEST TO DEAD END	JOHNSTON
T.H. 635	CREAMERY RD.	SR 534 TO DEAD END	MESOPOTAMIA
T.H. 90	PRITCHARD OHLTOWN RD.	HALLOCK SOOK TO DEAD END	NEWTON
T.H. 1194	AMHERST AVE.	LIBERTY TO DEAD END	NEWTON
T.H. 1164	LIBERTY AVE.	ROBINWOOD TO DEAD END	NEWTON
T.H. 695	FEDERAL AVE.	ROBINWOOD TO DEAD END	NEWTON
T.H. 320A	SCOTT ST.	ROBINWOOD TO SOUTH CANAL EXT.	NEWTON
T.H. 339	WEST MAIN ST.	ROBINWOOD BLVD TO SOUTH CANAL EXT.	NEWTON
T.H. 1207	FAIRVIEW AVE.	SOUTH CENTER ST. TO DEAD END	NEWTON
T.H. 882	WOODLAWN AVE.	SOUTH CENTER ST TO DEAD END	NEWTON
T.H. 680B	PENNSYLVANIA AVE.	N.F. BAILEY RD. TO N.F. TOMLINSON RD.	NEWTON
T.H. 106	HOTT WEST RD.	SOUTH CANAL TO GILBERT RD.	NEWTON
T.H. 107	HALLOCK SOOK RD.	HALLOCK YOUNG RD. TO PRITCHARD OHLTOWN RD.	NEWTON

MILLING & FILLING			
ROAD #	ROAD NAME	FROM - TO	TOWNSHIP
T.H. 1438	OLD TOWN RD.	ALL	CHAMPION

COLD MIX PAVING			
ROAD #	ROAD NAME	FROM - TO	TOWNSHIP
T.H. 235	MESSICK SOUTH RD.	PECK LEACH TO BRIDGE	BRISTOL
T.H. 1118	ROSEDALE AVE.	ALL	HUBBARD
T.H. 16	POUND RD.	ALL	HUBBARD

HOT MIX PAVING			
ROAD #	ROAD NAME	FROM - TO	TOWNSHIP
T.H. 920	SUNNYFIELD RD.	ALL	CHAMPION
CEMETERY ROADS			CHAMPION

COUNTY ENGINEER ROAD PROJECTS

STATE/LOCAL PROJECTS

2022 ROADWAY IMPROVEMENTS PROGRAM \$1,483,125

Work will continue on the 2022 Roadway Program, which will include the resurfacing of the following roads:

- C.H. 83 C South Leavitt Rd.
- C.H. 330 B Warren Meadville Rd.
- C.H. 108 B Risher Rd.
- C.H. 58 E Ohtown McDonald Rd.
- C.H. 174 Stewart Sharon Rd.

2022 BRIDGE REHABILITATION PROGRAM \$576,909

Work will consist of the superstructure replacement with new steel beams, corrugated metal decking, and new steel railing for the following bridges:

- Orangeville #2 Bridge C.H. 190 Hayes Orangeville Rd.
- Brookfield #2B Bridge T.H. 182 Brockway Sharon Rd.
- Warren #12 Bridge T.H. 136A Kibler Toot Rd.

2023 ROAD PROGRAM \$1,358,780

Projects will consist of the resurfacing of the following roads:

- C.H. 352 Jones Rd. – Girard City limits to SR 193
- C.H. 155 B,C&D Howland Wilson Rd. – Warren Sharon Rd. to King Graves Rd.
- C.H. 363 Squires Lane – SR 46 to Howland Wilson Rd.
- C.H. 181 Addison Rd. – SR 82 to US 62

C.H. 105 SOUTH CANAL STREET DRAINAGE UPGRADES \$374,989

- This project will replace 2,025 ft. of 30" to 42" storm sewer and 13 catch basins

ENGINEERING 2023 FEDERAL PROJECTS

- ▶ **TRU-Tibbetts Wick Rd.: \$622,060**
Construction will begin Spring/Summer of 2023 for the resurfacing of Tibbetts Wick Rd. between SR 11 and US 422
- ▶ **TRU-West Park/Austintown Warren Rd.: \$1,575,000**
Construction beginning in Fall or Spring 2024 for the resurfacing of West Park Ave. and Austintown Warren Rd. from Lordstown to Salt Springs and from Burnett East to Warren City
- ▶ **TRU-SR5 Sidewalks Phase 3 (Kinsman): \$240,221**
Construction will begin Spring of 2023 for the construction of sidewalks along the east side of SR 5 from the Township Square to Lakeview Dr.
- ▶ **TRU-CH206D Painesville Warren State Rd. Bridge Rehab: \$234,200**
Consists of the replacement of the Superstructure for the SOU#26 Bridge on CH 206D between Leiby Osborne Rd. and Doty East Rd. Construction is anticipated Summer of 2023
- ▶ **TRU-Layer Rd. Bridge Replacement: \$825,000**
Construction for the replacement of the Warren #1 Bridge on Layer Rd. is scheduled for Summer of 2023
- ▶ **TRU-TH222 Housel Craft: \$545,000**
Construction for the replacement of the Farmington #16 Bridge which is just West of Hoffman Norton Rd. is scheduled for Fall 2023 or Spring 2024
- ▶ **TRU-Cemetery Bridge (Newton Twp.): \$175,000**
Consists of the rehabilitation of the Newton Cemetery Bridge over the Mahoning Rive, which connects the Township's East and West Cemeteries.

TOWNSHIPS & VILLAGE

- BAZETTA TOWNSHIP (OPWC)
 - TH 1154 Burnett Dr.
- BRACEVILLE TOWNSHIP (OPWC)
 - TH 317 Price West Rd. Phase 2 Widening & Resurfacing
- BROOKFIELD TOWNSHIP (OPWC)
 - TH 378 Symes St. Resurfacing
- CHAMPION TOWNSHIP (OPWC)
 - TH 921 Alva Ave. Resurfacing
 - TH 951 Sarah Ave. Resurfacing
 - TH 595 High St. Resurfacing (LOCAL)
- GREENE TOWNSHIP (OPWC)
 - TH 195B Durst Colebrook Rd. Widening & Resurfacing
- HUBBARD TOWNSHIP (OPWC)
 - TH 18 Price Shaffer Rd. Resurfacing
 - TH 486 Cullinan Ave. Resurfacing
 - TH 491 Park Place Resurfacing
- LIBERTY TOWNSHIP (LOCAL)
 - Administration Building Parking Lot, Resurfacing & Drainage Upgrades
 - TH 1225 Lamplighter Dr. Resurfacing (2021 Project)
 - TH 33 Pleasant Valley Rd. Resurfacing & Drainage
 - TH 1361 Lakeview Dr. Resurfacing & Drainage
 - TH 1095 Park Circle Resurfacing
 - TH 552 W. Montrose St. Resurfacing & Drainage
 - TH 1180 Stonington Dr. Resurfacing
 - TH 1018 Crestwood Blvd. Resurfacing
 - TH 721 Goist Ave. Widening, Drainage & Resurfacing
 - TH 1210 Shaulis St. Resurfacing & Drainage
 - TH 733 Michigan Blvd. Resurfacing
 - TH 1335 Trails Edge Dr. Resurfacing
 - TH 1037 Leslie Ln. Resurfacing & Drainage
 - TH 1245 Sunny Dr. Resurfacing
 - TH 1246 Susan Ln. Resurfacing and Drainage
 - TH 1428 Lois Ln. Resurfacing
- LIBERTY TOWNSHIP 2021/COMPLETED IN 2022 (LOCAL)
 - TH 1009 Thomas Ln. Resurfacing
 - TH 721 E. Goist Ave. Resurfacing
 - TH 556 Taylor Ave. Resurfacing
 - TH 743 McArthur Rd. Resurfacing
 - TH 1256 Logan Hill Dr. Resurfacing
 - TH 49 Topper Hill Dr. Resurfacing
 - TH 42 Staunton Dr. Resurfacing
 - TH 1169 Arbor Circle Resurfacing
- LORDSTOWN VILLAGE (OPWC)
 - SR 45 Culvert Replacement
- VIENNA TOWNSHIP (OPWC)
 - TH 162B Smith Stewart Rd. Drainage
 - TH 872 Walls Lake Dr. Resurfacing
 - TH 902 Glennwood St. Resurfacing
 - TH 903 Darlene Ave. Resurfacing
 - TH 904 Sunnydale Dr. Resurfacing
 - TH 905 Laura Ave. Resurfacing
- WEATHERSFIELD TOWNSHIP (OPWC)
 - TH 936 Ruppell Rd. Widening & Resurfacing
 - TH 1374 Wildwood Dr. Widening & Resurfacing
- WEATHERSFIELD TOWNSHIP 2019/COMPLETED IN 2022 (OPWC)
 - TH 1440 Ohio Machinery Blvd. Concrete Repair
 - TH 1447 Beaver Trail Dr. Resurfacing
 - TH 1444 Isabelle Dr. Resurfacing

HIGHWAY MAINTENANCE

COUNTY CHIP SEALING			
ROAD #	ROAD NAME	FROM - TO	TOWNSHIP(S)
C.H. 133	CENTER WORLD SOUTH RD.	SR 5 TO KALE ADAMS RD.	BRACEVILLE
C.H. 168B	MERWIN CHASE RD.	SR 7 TO ALBRIGHT MCKAY RD.	BROOKFIELD
C.H. 263C	TOWNLINE RD.	YORK ST. TO ASHTABULA COUNTY LINE	GRE/BLO
C.H. 249C,B	STODDARD HAYES RD.	SR 87 TO DAVIS PECK RD.	GUSTAVUS
C.H. 248A	FISHER CORINTH RD.	SR 193 TO STODDARD HAYES RD.	JOHNSTON
C.H. 220	HERNER COUNTY LINE RD.	PHALANX MILLS HERNER RD. TO LEIBY OSBORNE RD.	SOUTHINGTON

MILLING & FILLING			
ROAD #	ROAD NAME	FROM - TO	TOWNSHIP(S)
C.H. 195	DURST COLEBROOK RD.	SR 305 TO WARREN MEADVILLE RD.	BAZETTA
C.H. 193	EVERETT HULL RD.	HOAGLAND BLACKSTUB RD. TO LAKESHORE DR.	BAZETTA
C.H. 175	BEDFORD RD.	SR 62 TO HUBBARD MASURY RD.	BROOKFIELD
C.H. 83	NORTH LEAVITT RD.	STATE RD. TO NORTH RIVER RD.	CHA/WAR
C.H. 190	HAYES ORANGEVILLE RD.	AT ORANGEVILLE LINE	HARTFORD
C.H. 1469	LARCHMONT AVE.	NORTH RIVER RD. TO SR 82	HOW/BAZ
C.H. 329	WARREN SHARON RD.	AT SHAVER	HOWLAND
C.H. 363	SQUIRES LANE	ENTIRE ROAD	HOWLAND
C.H. 328	ELM RD.	NORTH RIVER RD. TO BLAIR DR.	HOWLAND
C.H. 6	HUBBARD BEDFORD RD.	FROM POTHOUR WHEELER RD. TO CREED ST.	HUBBARD
C.H. 28	TIBBETTS WICK RD.	SR 11 TO SR 422	LIB/WEA
C.H. 197	PHILLIPS RICE RD.	ENTIRE ROAD	MEC/BAZ
C.H. 220	HERNER COUNTY LINE RD.	AT SR 534 INTERSECTION	SOUTHINGTON

COLD MIX PAVING			
ROAD #	ROAD NAME	FROM - TO	TOWNSHIP
C.H. 168	MERWIN CHASE RD.	SR 7 TO ALRIGHT MCKAY RD.	BROOKFIELD
C.H. 263	NORTH PARK / TOWNLINE	YORK STREET SOUTH 500'	GREENE
C.H. 249	STODDARD HAYES RD.	2000' S. OF GARDNER BARCLAY RD. TO DAVIS PECK RD.	GUSTAVUS
C.H. 220	HERNER COUNTY LINE RD.	PHALANX MILLS RD. TO LEIBY OSBORNE RD.	SOUTHINGTON

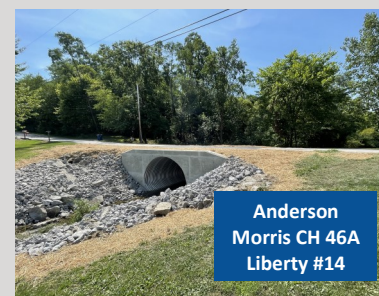
PAVING (ASPHALT GRINDINGS)			
ROAD #	ROAD NAME	FROM - TO	TOWNSHIP
C.H. 263	TOWNLINE/NORTH PARK	YORK STREET TO ASHTABULA CO. LINE	GREENE
C.H. 249	STODDARD HAYES RD.	SR 87 TO 2000' SOUTH OF GARDNER BARCLAY RD.	GUSTAVUS
C.H. 248	FISHER CORINTH RD.	SR 193 TO STODDARD HAYES RD.	JOHNSTON



North Park Ave.
Greene Twp.
Cold Mix Pave



Hunt Club Dr.
TH 1409
Howland #16



Anderson
Morris CH 46A
Liberty #14

HIGHWAY MAINTENANCE

BRIDGES & CULVERTS (REPAIR/REPLACEMENT)

- ◆ CH 302B (DONLEY RD.) MESOPOTAMIA TWP.
18" HDPE Culvert and 2 Catch Basins
- ◆ CH 263D (TOWNLINE RD.) GREENE TWP.
4 Culverts - 15" HDPE
- ◆ CH 134B (SHIHOLA GARRARD RD.) BRACEVILLE TWP.
15" HDPE Culvert
- ◆ CH 217A (STROUPS HICKOX RD.) FARMINGTON TWP.
28" x 20" CMP Culvert
- ◆ CH 220C (HERNER COUNTY LINE RD.) SOUTHINGTON TWP.
36" HDPE Culvert and Half Walls
- ◆ HOWLAND #16 TH 1409 (HUNT CLUB TRAIL)
Twin 81" x 59" CAP Culvert with Full Walls
- ◆ CH 301B (BLOOMFIELD GENEVA RD.) BLOOMFIELD TWP.
57" x 38" CMP Culvert with Full Walls
- ◆ CH 169A (CUSTER ORANGEVILLE RD.) BROOKFIELD TWP.
42" x 29" CAP Culvert with 1 Half Wall
- ◆ LIBERTY #14 CH 46A (ANDERSON MORRIS RD.)
132" x 94" CMP with Full Walls
- ◆ CH 233A (COREY HUNT RD.) BRISTOL TWP.
48" HDPE with Large Precast Wing Walls
- ◆ CH 12G (CHESTNUT RIDGE RD.) HUBBARD TWP.
48" HDPE with Large Precast Wing Walls
- ◆ CH 203E (HOAGLAND BLACKSTUB RD.) BAZETTA TWP.
73" X 55" CMP With Half Walls

SURFACE MAINTENANCE AND CHIP SEAL (2023)

ROAD #	ROAD NAME	TOWNSHIP
CH 168	MERWIN CHASE RD.	BROOKFIELD
CH 293	CHAFFEE DODGEVILLE RD.	GREENE
CH 278	COUNTY LINE	KINSMAN
CH 314	PARKS WEST RD.	MESOPOTAMIA
CH 123	BARCLAY MESSERLY RD.	SOUTHINGTON
CH 744	WARREN BURTON RD.	SOUTHINGTON
CH 127	PHALANX MILLS HERNER RD.	SOUTHINGTON

CULVERTS (2023)

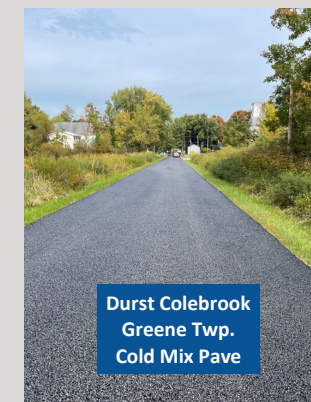
ROAD #	ROAD NAME	TOWNSHIP
TH 326	MCNAME RD.	BLOOMFIELD
CH 297	PENNIMAN RD	BLOOMFIELD
CH 114	BRACEVILLE ROBINSON RD.	BRACEVILLE
TH 210	PIERCE RD.	CHAMPION
CH 217	STROUP HICKOX RD.	FARMINGTON
TH 19C	N. FOX NORTH RD.	HUBBARD
CH 159	RIDGE RD.	JOHNSTON
CH 197	PHILLIPS RICE RD.	MECCA
TH 219	HERNER SOUTH RD.	SOUTHINGTON
CH 255	ORANGEVILLE KINSMAN RD.	VERNON

BRIDGE KITS (2023)

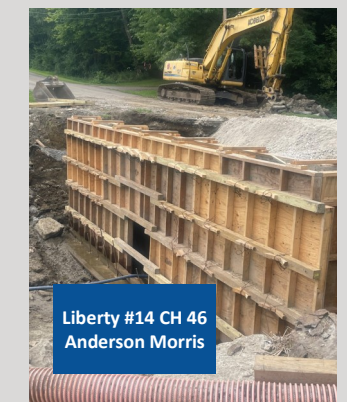
ROAD #	ROAD NAME	TOWNSHIP/VILLAGE
TH 182	BROCKWAY SHARON RD.	BROOKFIELD
CH 190	HAYES-ORANGEVILLE RD.	ORANGEVILLE VILLAGE
TH 136	KIBLER-TOOT RD.	WARREN

TOWNSHIP CHIP SEALING (2023)

ROAD NAME	TOWNSHIP
BENEDICT LEAVITTSBURG RD.	BRACEVILLE
SHANKS CORNER DOWNS RD.	BRACEVILLE
CHURCH ST.	BRACEVILLE
ELM ST.	BRACEVILLE
CHERRY ST.	BRACEVILLE
MAPLE ST.	BRACEVILLE
CEDAR ST.	BRACEVILLE
PINE ST.	BRACEVILLE
OAKLAND AVE.	BRACEVILLE
GRIFFIN ST.	BRACEVILLE
KINSMAN	BRACEVILLE
SHAVERS ST.	BRACEVILLE
MESSICK SOUTH RD.	BRISTOL
BARB LANE	BRISTOL
FOX NORTH RD.	HUBBARD
DRUMMOND AVE.	HUBBARD



Durst Colebrook
Greene Twp.
Cold Mix Pave



Liberty #14 CH 46
Anderson Morris