

**Drain:** COUNTY - MCMAHON      **Drain #:** 60  
**Improvement/Arm:** INDIANA FILLER CO.  
**Operator:** J. LIVINGSTON      **Date:** 11-21-03  
**Drain Classification:** Urban/Rural      **Year Installed:** 1915

### GIS Drain Input Checklist

- Pull Source Documents for Scanning JL
- Digitize & Attribute Tile Drains JL
- Digitize & Attribute Storm Drains n/a
- Digitize & Attribute SSD n/a
- Digitize & Attribute Open Ditch JL
- Stamp Plans n/a
- Sum drain lengths & Validate JL
- Enter Improvements into Posse n/a
- Enter Drain Age into Posse n/a
- Sum drain length for Watershed in Posse n/a
- Check Database entries for errors JL

**Gasb 34 Footages for Historical Cost  
Drain Length Log**

Drain-Improvement: COUNTY - McMATHON - INDIANA FILER CO.

Drain Type:	Size:	Length ( )	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	12"	1100'	1100'		4. <sup>00</sup> /lf	4400. <sup>00</sup>
	14"	30'	30'		4. <sup>25</sup> /lf	127. <sup>50</sup>
* OPEN DITCH	—	2672'	2672'			52237. <sup>60</sup>
ARM 1 - TILE	6"	1908'	1908'		1. <sup>00</sup> /lf	1908. <sup>00</sup>

Sum: 5710' 5710' \$58673.<sup>10</sup>

Final Report: \_\_\_\_\_

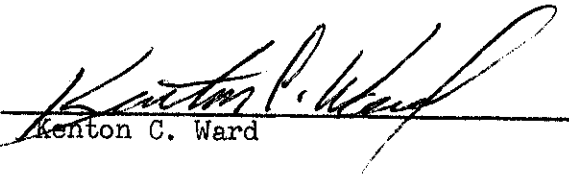
Comments:

\* POSITION OF LOWER PORTION OF OPEN DRAIN HAS  
BEEN SHIFTED WEST W/ NO CORRESPONDING DOCUMENTATION.  
OPEN DRAIN LENGTH SCALED FROM MAP IN GIS.

HAMILTON COUNTY SURVEYOR  
COURT HOUSE  
NOBLESVILLE, INDIANA 46060

REPORT-COUNTY-MCMAHON DRAIN #60

On April 2, 1976 Kenton C. Ward meet with State Highway employees on the County-McMahon Drain #60 at the point where the <sup>drain</sup> ~~drain~~ crosses State Road 19. The water in the open drain on the West side of the Road is standing and not moving, thus becoming stagnate. The Catch Basin on the East side of the Road (approx. 4'x4'x7' deep of 8" concrete block and a 4" concrete cover) was uncovered and the lid lifted-Water was approx. 3' high and was boiling up 6" in the center. The lid was replaced and 6" of crushed stone replaced on and around the cover. South East of the Catch Basin water was ponding and a blow hole was found to be starting. The Catch Basin (with metal grate top) 100'+ North of the first Catch Basin on the East side of the Road is believed to have been cut off by the telephone company when the cable was buried. Water is standing in this Catch Basin and not moving. A hole was started 3' South of this Catch Basin but was filled with water immediatly, so the dirt was replaced. Water stands in the East side ditch on top of the legal drain at all times. This water is coming from the field North and from the box East of the Road can not get out because of an obstruction somewhere in the tile system.

  
Kenton C. Ward

FILED  
MAR 19 1915  
*Will F. Stall*  
Clerk Hamilton Cir. Court

*W. M. J. [unclear]*  
FILED  
MAR 17 1915  
Clerk Hamilton Cir. Court

STATE OF INDIANA  
SS  
HAMILTON COUNTY

In the matter of the Indiana Filler Co. et al Drain.  
Report of Drainage Commissioners and Engineer to the  
Honorable Judge of the Hamilton Circuit Court.

We, the undersigned commissioners of drainage, to whom was referred the above entitled petition for the drainage of certain lands in Noblesville Township, Hamilton County, Indiana, respectfully report that we met on the 15th day of March, 1915 at 10 A.M. at the upper end of the proposed drain and proceeded to view and lay out said proposed drain and lands likely to be effected thereby.

We would respectfully report that the drainage as proposed is practicable, that the same when completed will improve the public health and will be of public utility: that there will be one public highway benefited by said drainage.

We would further report that the cost of construction, damages and expenses of effecting said proposed drain will be less than the benefits to the owners of the lands likely to be benefited by said proposed drainage.

We would further report that we have definitely determined the best and cheapest method of drainage of said lands: we have fixed the route: location and character of said proposed work and fixed the same by metes and bounds, courses, distances and descriptions, guides and bench marks including all arms and branches so as to provide for the complete drainage of the lands to be effected by the proposed work.

That we have divided the ditch or drain into stations not more than one hundred feet in length and we have assessed the benefits and damages as the case may be to each separate tract of land and to each corporation and township effected. That we have fixed the beginning and outlet so as to secure the best results, ~~and cause the least possible injury to the lands~~ and we have run the line of said ditch so as to secure the best results and cause the least possible injury to the lands effected and so as to benefit the public highway.

We have divided the drain into sections of 100 feet in length by setting stakes at each 100 feet and numbered from 0 to #1 plus 92 feet on the main ditch and from 0 to 19 plus 8 ft. on Arm No.1.

Location. (Main Ditch.)

Beginning 10 rods west and 35 rods north of the southwest corner of the east one-half of the east one-half of the southeast quarter in section 13, township 19 north, range 4 east, in Hamilton County run thence south, 4 degrees east, 800 feet, thence south 2400 feet and terminating at the head of what is known as the Bauchert drain on the south line of the northwest quarter of section 24, township 19 north, range 4 east.

(Arm No. 1.)

Beginning, 15 rods west and 70 rods north of the southeast corner of section 13, township 19 north, range 4 east, run ~~thence~~ thence south 600 feet, thence south 6 degrees east 400 feet, thence south 30 degrees west 908 feet and terminating at station 11 plus 30 feet on main ditch.

Requirements.

(Main Ditch.) To consist of one row 12 inch tile from station 0 to station 11, one row of 14 inch tile from station 11 to station 16 ~~plus 94 feet~~, and the old ditch to remain open from station 16 ~~plus 94 feet~~ to its outlet.

(Arm No. 1.) To consist of 1908 feet of 6 inch tile.

Retaining Wall.

At station 16 ~~plus 94 feet~~ on the main ditch(at the end of the tile) to be constructed a retaining wall of re-inforced concrete 12 feet long by 4 feet high.(See plans.) Thickness at base to be 2 feet and batter to 1.5 feet at top. Top of wall to be ~~X~~ sagged from ends to center - center being 6 inches lower than the ends.

Foundation to be made one foot below the grade of the tile, said grade to extend for full length of wall construction.

Wall to be constructed of concrete made from one part Portland cement to six parts clean sand and gravel. Mixture to be made as wet as consistent with satisfactory placing and spaded into place without delay. Gravel and sand must be suitable to the superintendent of construction.

Forms- Neat forms of lumber shall be built to receive the concrete, said forms to be built of evenly matched lumber and be thoroughly braced so as to provide for the tendency to bulge or spring out of line. The forms for the face side of the wall shall be made ~~XX~~ free from blemishes so as to present a smooth appearance when forms are removed.

Water Table. On the downstream side and connected to and made a part of the foundation of the wall shall be constructed a water apron ~~XXXXXXXXXXXXXXXXXXXX~~ 6 feet by 4 feet by 6 inches

4.

in thickness, said water apron or table to be placed so as top of same shall be 2 inches below grade of tile and slope down stream 1/4 inch to each foot of its length.

#### Tile.

All tile and materials used in the construction of the work to be first class in every respect and subject to the approval and inspection of the superintendent in charge of the work before being used by the contractor.

#### Ditching.

After the ditch has been dug to the proper grade the tile shall be laid in the trench at the correct grade ~~AS SHOWN ON~~ with the joints well matched and to be left uncovered until inspected and accepted by the engineer in charge of the work, after which they shall all be covered and the ditch filled full and well packed so that no settlement may occur.



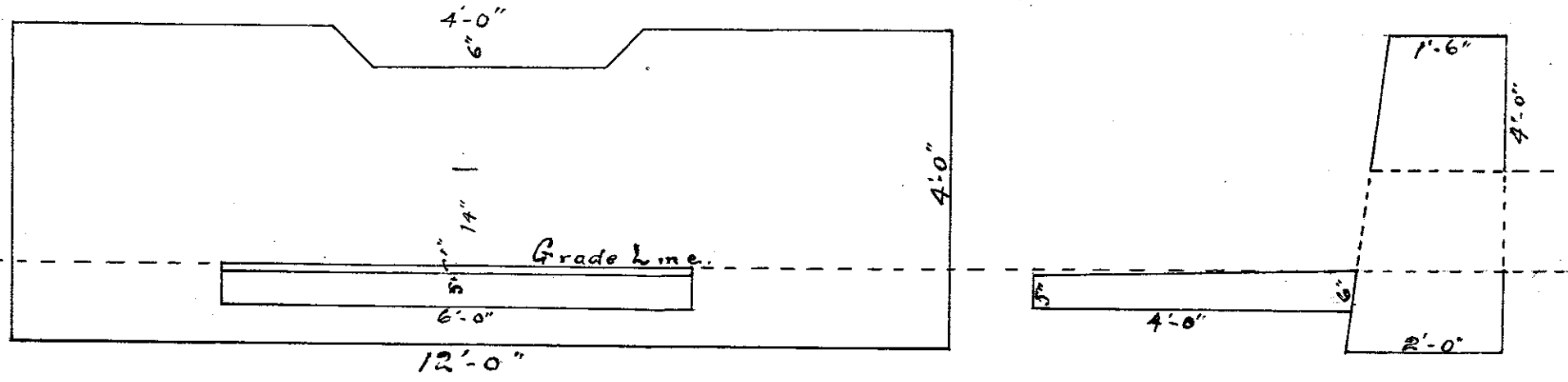
Estimated Cost of Construction.

251 cu. yds. excavation (main ditch)		\$62.75
1100 feet 12 in. drain tile		99.00
494 " 14 in. " "		69.16
6 ft. 15 in. salt glazed sewer pipe		2.00
Laying and hauling tile and filling ditch		39.20
One retaining wall		<u>40.00</u>
		\$312.11
580 cu. yds. excavation (arm no.1)		\$145.00
1908 ft. 6 in. drain tile		51.50
Laying and hauling tile and filling ditch		<u>22.25</u>
		\$218.75
Cost of main ditch (estimate)	\$312.11	
Cost of arm no.1. "	218.75	
Contingent expenses	<u>150.00</u>	
Total estimated cost	\$680.86	

Exhibit B (Main Ditch.)

Main Ditch.		Arm No. 1.			
No. of Station	Depth of Cut	Open Ditch Mud Cut	No. of Station	Depth of Cut	Open Ditch Mud Cut
0		1.55	0	3.54	
1		1.05	1	3.23	
2		2.20	2	5.10	
3		2.33	3	3.99	
4		2.28	4	5.89	
5		2.06	5	7.33	
6		2.23	6	6.58	
7		1.39	7	6.72	
8		1.25	8	4.89	
9		0.75	+82	3.27	
10		1.05	10	3.45	
11		1.36	11	4.60	
		1.48	12	4.94	
12		1.80	13	4.69	
13		1.58	14	3.21	
14		1.38	15	2.40	
15		1.19	16	2.46	
16		0.44	17	2.27	
17		0.18	18	2.42	
18		0.02	19	2.92	
19		0.00			
20		0.00			
21		0.00			
22		0.00			
23		0.00			
24		0.00			
25		0.00			
26		0.16			
27		0.10			
28		0.36			
29		0.29			
30		0.00			
31		0.50			
+92		0.00			

Headwall and Water Table.



No.	NAMES	DESCRIPTION OF LANDS	Section	Township	Range	ACRES ASSESSED		ACRES BENEFITED		AMOUNT OF ASSESSMENT		TOTALS	
						Acres	Hun.	Acres	Hun.	\$	Cts.	\$	Cts.
	Main ditch.												
	Marion Jessup.	pt E 1/2 of E 1/2 - SE 1/4	13	19	4	23					\$	36	00
	Henry Kuyman.	pt SE 1/4	13	19	4	56						168	00
	Fannie Woodruff.	pt N 1/2 NE 1/4	24	19	4	37						99	00
	L E & W Ry.		13	19	4							20	00
	Noblesville W.P.	Benefit to Highway	13	19	4							80	00
	Pockmiller & Kingsbury	pt E 1/2 N 1/2 NE	24	19	4	13						5	60
	Jacksonville Co.	pt S 1/2 - NE 1/4	24	19	4	53						21	20
	Ar. No. 1.												
	Marion Jessup.	pt E 1/2 - E 1/2 - SE 1/4	13	19	4	11						139	70
	Fannie Woodruff.	pt N 1/2 - NE 1/4	24	19	4	4						46	80
	Union Traction Co.	ROW.	13	19	4							65	00
			24	19	4								
												\$	681.30

State of Indiana

SS

Hamilton County

We, the undersigned, do each of us solemnly swear that we will discharge our duties as Quivers in the cause of Marion Leroy Drain to the best of our ability and good judgment, so help us God.

W. W. Morris

C. H. Scarce

Subscribed and sworn to before me, a county surveyor in and for said county and state, this 15 day of March, 1915.

E. A. Baker

County Surveyor.

STATE OF INDIANA

SS

HAMILTON COUNTY

The undersigned Viewers and Engineer to whom was referred the above entitled petition for report after being duly sworn upon oath say that they have personally examined the whole line and route of the proposed ditch that the assessments herein made and reported are correct, just and equitable to all parties therein named as interested, that no other lands will be benefited or injured by said proposed drain, that the above and foregoing report is true in substance and in fact as we verily believe.

W. W. Morris

E. H. Scarce

Viewers.

E. A. Baker

Engineer.

Subscribed and sworn to before me this ... 7 ... day of  
March 1915.

Will F. Hall

Clerk of Hamilton Circuit Court.

Part of  
 Indiana Filler Co. Drain

18

24

Public Right Way

W V R R

L E

Co. R & T

L U T

~~Marvin~~ Heinzmann 57 A  
 (56 A)

Marvin Jessup 37 A  
 (23 A)

Fannie Woodruff  
 61 A.  
 (37 A)

Do not build or dig  
 Indiana  
 Filler Co, 13A.

Indiana  
 Filler Co,  
 Raugh & Son.  
 52.

End of Tile  
 off line.

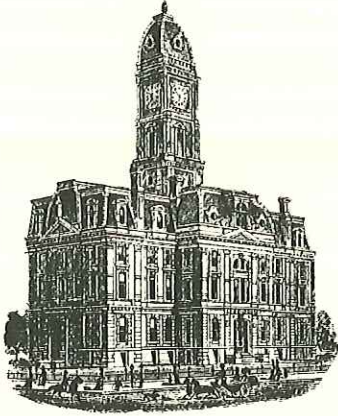
Main ditch

Open ditch

11700  
 1908  
 ATTN No 1.

26.40

Plat No 26 90



SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, CFM  
 Surveyor of Hamilton County  
 Phone (317) 776-8495  
 Fax (317) 776-9628

Suite 188  
 One Hamilton County Square  
 Noblesville, Indiana 46060-2230

### Map Correction-Field Verification

**Drain Number:** 60

**Drain Length:** 5710'

**Drain Name:** County-McMahon  
 Ind. Amer. Filler Arm.

**Change +/-:** -330'

**Date:** 0-7-2-2015

**New Length:** 5380'

**Verified By:** SAB, SLM

**Notes & Sketch:** WO-2014-00410

American Filler Tile – Arm 1 was located and repaired, north of 206<sup>th</sup> street. Breather was set in 1991. I went and used GPS to map the breather.

It should also be noted that a portion of the <sup>Ind.</sup> American Filler Tile – main drain- was replaced in with open ditch. This occurred around 1976. This can be seen on the historical photography.

Suzanne L. Mills  
 GIS Specialist



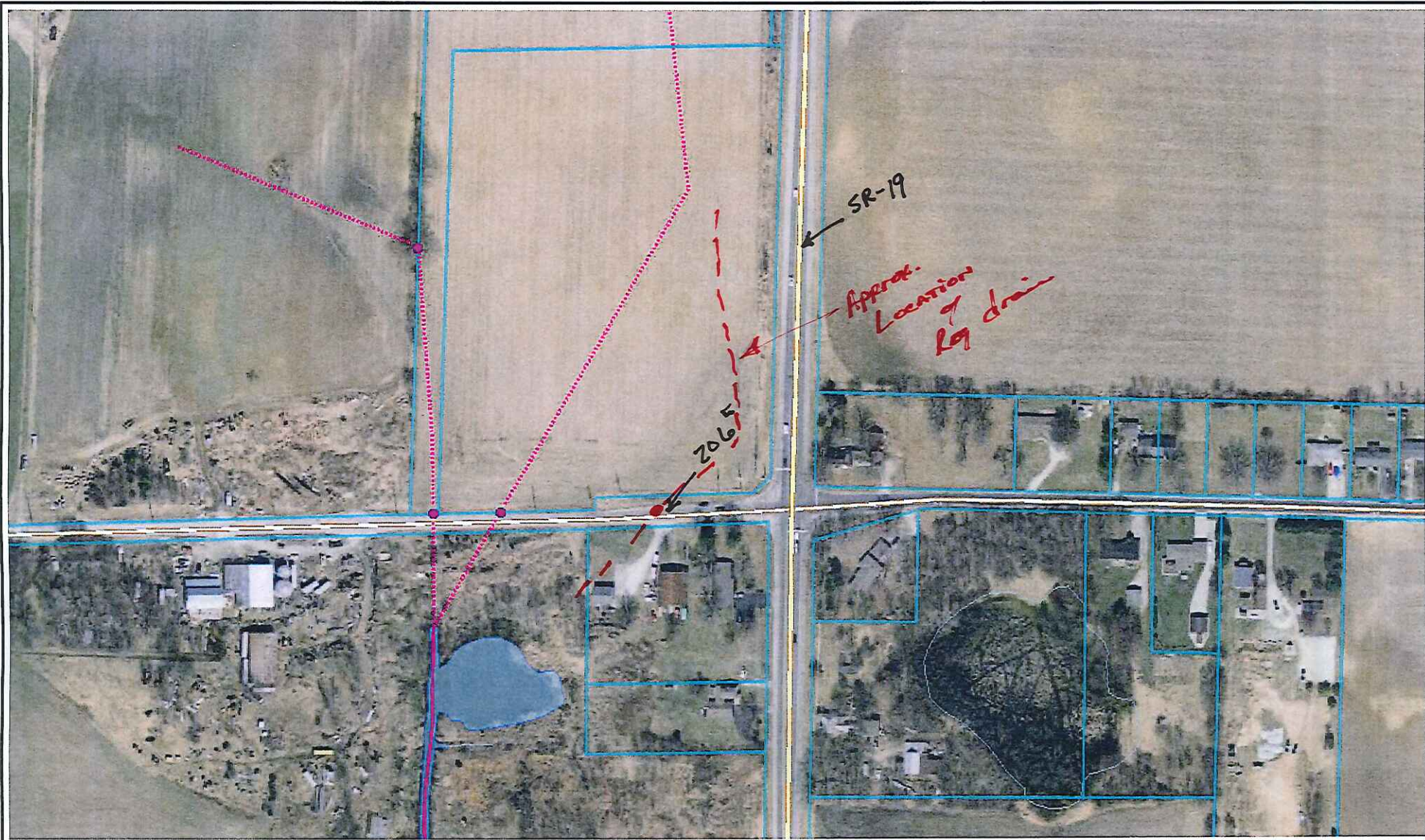


This map was compiled by the Hamilton County Surveyor's Office. Although strict accuracy standards have been employed in the compilation of this map, Hamilton County does not warrant or guarantee the accuracy of the information contained herein and disclaims any and all liability resulting from any error or omission in this map.

## #60 County McMahon Indiana Filler Arm

Printing Date: 06/24/2015  
 Prepared By: Suzanne Mills, GISP  
 Hamilton County Surveyor's Office  
 One Hamilton County Square, Ste 188  
 Noblesville, IN 46060  
 317-776-8495





# County McMahan

## Standing water in field

WO-2014-00410

Printed: Jun 15, 2015 - Steve Baitz



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County of  
**Hamilton**  
Indiana  
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1976 Photo

S.R. 19

206th Street

1974 Photo

SR 19

206th Street