



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

To: Hamilton County Drainage Board

September 15, 2020

Re: William Baker Drain, C.B. Jones Arm Reconstruction

Hamilton County Highway

Attached is a petition and plans for the proposed relocation of the William Baker Drain, C.B. Jones Arm. The relocation is being proposed by The Hamilton County Highway Department. The petition was filed with this office June 12, 2019. The proposal is to reconstruct the William Baker Drain, C.B. Jones Arm as shown on plans prepared by RQAW, contract R-37741, Project #1400760, dated July 1, 2019, sheets 19-27. The reconstruction will replace the existing tile from the original location constructed in 1899 from station 0+00 to the terminus at station 26+28 which is the confluence with the William Baker Drain.

The new drain will begin 529 feet west of station 0+00 of the existing C.B Jones Drain which is shown on the RQAW plans as station 86+00 and will include the cross pipes under 236th Street at stations 99+50, 102+31 and 104+46. The reconstruction will continue to the east and follow the existing tile to the outlet at the William Baker Drain at station 117+58 per the RQAW plans, which is station 26+23 of the original C.B. Jones 1899 description. The new tile will not connect to the William Baker drain tile; it will be constructed to discharge through the west side of structure #56, the new culvert being installed under 236th Street at road project station 117+61. The box structure #56 has been designed to be compatible with the planned reconstruction of the William Baker Drain from a tiled drain system to an open ditch. The original length of the C.B. Jones drain between station 26+23 to station 26+28 falls within the new structure and will be vacated as it will be within the width the William Baker open ditch. The new drain shall consist 3285 feet of reinforced concrete pipe.

This line will consist of the following:

12" RCP - 109 feet

15" RCP - 520 feet

18" RCP - 948 feet

24" RCP - 427 feet

30" RCP - 796 feet 36" RCP - 485 feet This will add 657 feet to the overall length of the drain.

The cost of the reconstruction is to be paid by the Hamilton County Highway Department as part of the 236th Street reconstruction project. The new portions of the system from station 91+35 to station 117+58 of the RQAW plans will be parallel to the original C.B. Jones drain between station 0+00 and 26+23 of the original 1899 description and will be constructed within the existing statutory regulated drain easement. The new portions of the tile between stations 86+00 and 117+58 of the RQAW plans along with the lengths of the cross structures #32, #33 and #34; structures #39, #37 and #38; structures # 44, #43 and #42 shall be within the road right-of-way.

Because the proposed reconstruction will be done within existing and recently purchased county right-of-way and at the county's expense it meets the requirements of I.C. 36-9-27-52.5 for a hearing. I recommend approval by the Board.

Sincerely

Kenton C. Ward

Hamilton County Surveyor

KCW/adc

JUN 1 2 2019

IN THE MATTER OF THE C. B. JONES DRAIN HAMILTON COUNTY DRAINAGE BOARD

OFFICE OF HAMILTON COUNTY SURVEYOR

Come now the Board of Commissioners of Hamilton County, who petition the Hamilton County

Drainage Board as follows:

- 1. They are the duly elected Board of Commissioners of Hamilton County, Indiana.
- 2. That in that capacity they are responsible for the drainage of public highways.
- 3. That they now desire that the C. B. Jones regulated drain be reconstructed in Adams Township which involves 236th Street, Dunbar Road and various areas surrounding the road in the drainage shed.
- 4. The names and address of each owner affected by the proposed public drainage are attached hereto, made a part hereof, and marked Exhibit "A", which area of land involved in the proposed drainage area is located in Section 36 Township 20 North, Range 3 East and Section 1 Township 19 North, Range 3 East in Hamilton County, Indiana.
- 5. No other public lands or owners are located in the area which would affect improvement.
- 6. That the general route of the proposed drain reconstruction is beginning at the William Baker Drain approximately 1,530 feet west of the south east corner of Section 36, Township 20 North Range 3 East thence running west along the south right of way of 236th Street Approximately 2628 feet.
- 7. That in the opinion of the Petitioner, the costs, damages, and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land to be benefited thereby.
- 8. That in the opinion of the Petitioner, the proposed improvement will benefit a public highway in Hamilton County, Indiana.
- 9. That the name of the attorney representing Petitioner in the drainage petition is Michael Howard, 694 Logan St., P.O. Box 410, Noblesville, Indiana.
- 10. That Petitioners shall pay the cost of notice and all legal costs if the Petition is dismissed.
- 11. Petitioner shall post a bond, if required, to pay the cost of notice and all legal costs in the case the improvement is not established.

BY: Are Dellayer
President
BY Member

Board of Commissioners of Hamilton County, Indiana

Attest:

Robin Mills / Auditor of Hamilton County

STATE OF INDIANA

SS.

COUNTY OF HAMILTON)

Subscribed and sworn to before me, A Notary Public this <u>io</u> day of <u>June</u> 2019.

KIMBERLY R. RAUCH
NOTARY PUBLIC
HAMILTON COUNTY
COMMISSION #708852
MY COMMISSION EXPIRES
JANUARY 31, 2026

KIMBERLY R. RAUCH
NOTARY Public of Hamilton County

My Commission Exp

1-31-2026

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

William Baker Drain, C. B. Jones Arm Reconstruction

Station 26+23 to Station 26+28

On this 28th day of September, 2020, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the William Baker Drain, C. B. Jones Arm Reconstruction (Station 26+23 to Station 26+28).

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the William Baker Drain, C. B. Jones Arm Reconstruction (Station 26+23 to Station 26+28).

HAMILTON COUNTY DRAINAGE BOARD

101

Member

Attest: Lignette Moskouige

STATE OF INDIANA)

COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

IN THE MATTER OF THE RECONSTRUCTION OF THE

William Baker Drain, C. B. Jones Arm Reconstruction (Hamilton County Highway)

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the William Baker Drain, C. B. Jones Arm Reconstruction (Hamilton County Highway) came before the Hamilton County Drainage Board for hearing on September 28, 2020, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

Wherefore, it is ORDERED, that the proposed Reconstruction of the William Baker Drain, C. B. Jones Arm Reconstruction (Hamilton County Highway) be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

HAMILTON COUNTY DRAINAGE BOARD

PRESIDEN'

Member

Member

ATTEST.

xecutive Secretary



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

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

To: Hamilton County Drainage Board

December 16, 2021

Re: William Baker Drain: C.B. Jones Reconstruction

Attached are as-builts and other information for the C.B. Jones Reconstruction. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated September 15, 2020. The report was approved by the Board at the hearing held September 28th, 2020. (See Drainage Board Minutes Book 19, Pages 336) The changes are as follows: the 12" RCP was shortened from 109 feet to 91 feet. The 15" RCP was shortened from 520 feet to 440 feet. The 18" RCP was lengthened from 948 feet to 983 feet. The 24" RCP was shortened from 427 feet to 342 feet. The 30" RCP was lengthened from 796 feet to 799 feet. The 36" RCP was lengthened from 485 feet to 491 feet. The project also added 3 feet of 12" PVC, 86' feet of 15" PVC and 25' of 18" PVC. The length of the drain due to the changes described above is now 3,260 feet. It should be noted that the project removed 2628 feet of existing CB Jones Drain (Sta. 0 to Sta. 26+28).

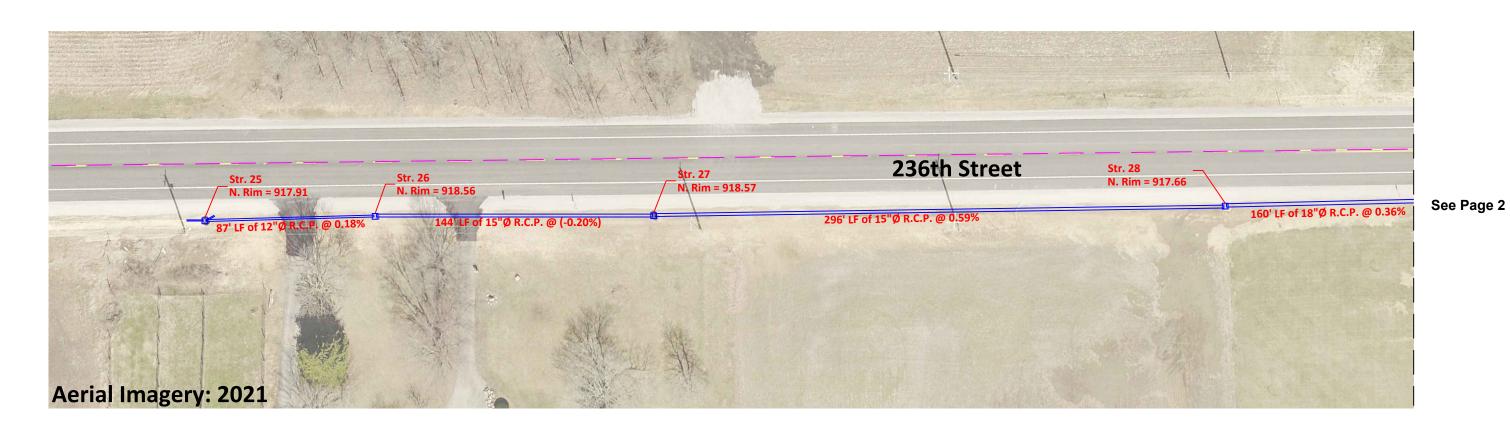
The work was done within existing regulated drain easement and road right of way; therefore, a non-enforcement was not necessary. The project was paid for by the Hamilton County Highway Department.

I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely

Kenton C. Ward, CFM Hamilton County Surveyor

"AS-BUILT" RECORD DRAWING WILLIAM BAKER REGULATED DRAIN (CB JONES ARM)

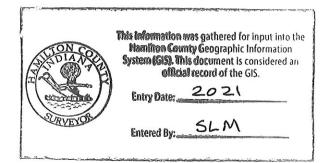




0' 25' 50' Scale: 1" = 50'

Drawn By: Teresa Dudley DATE: 11-16-2021

THE AS-BUILT SURVEY USED THE FOLLOWING DATUM: HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301 VERTICAL DATUM: (NAVD 88) (GEOID 18)





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HAMILTON COUNTY GOVERNMENT AND JUDICIAL CENTER
ONE HAMILTON COUNTY SQUARE, SUITE 188
NOBLESVILLE, IN 46060
PHONE: (317) 776-8495
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SURVEYOR@HAMILTONCOUNTY.IN.GOV

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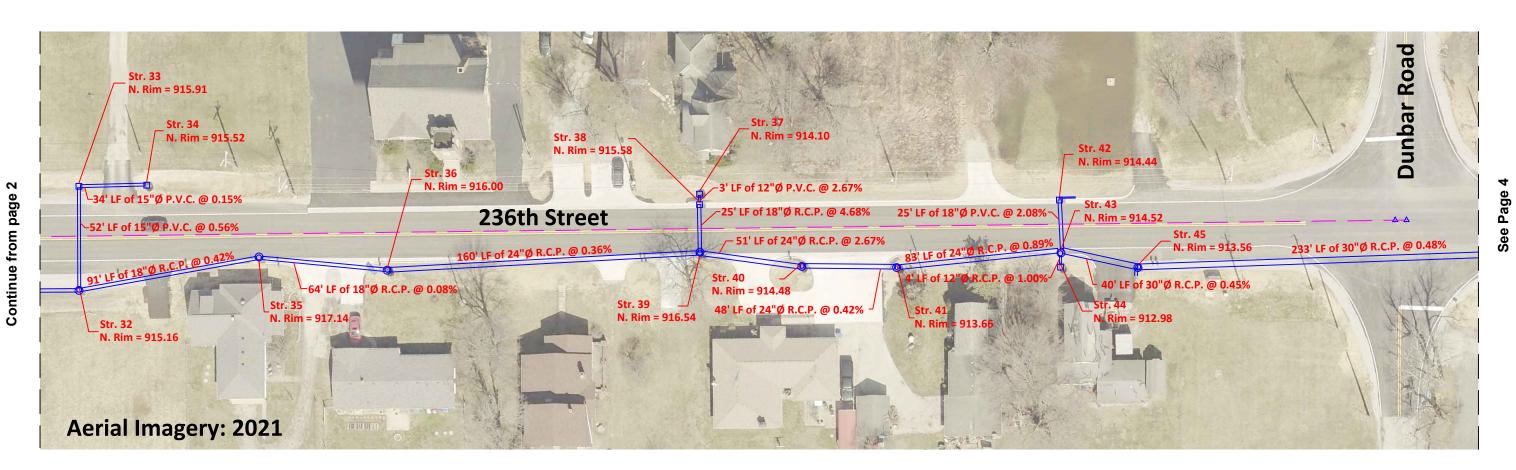


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(CB JONES ARM)







Scale: 1" = 50'

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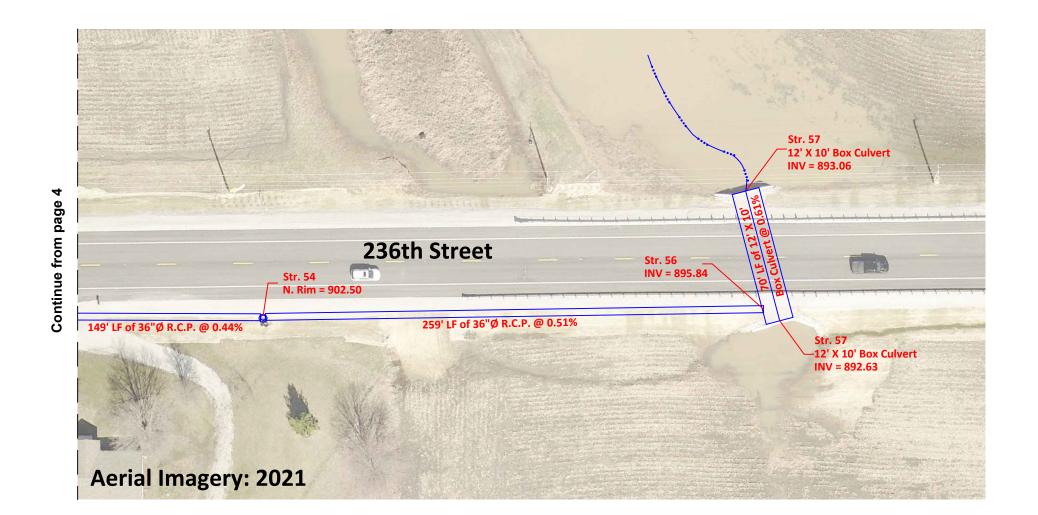




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Structure Number	Northing	Easting	Rim Elevation	Туре	INV. ELEV. IN	INV. ELEV. IN	INV. ELEV. IN	INV. ELEV. OUT	INV. ELEV. OUT	Length	CONNECT
#25	1778710.8520'	194410.9120'	917.91	Inlet E-7				E. 12" RCP = 916.36		87' LF of 12"Ø R.C.P. @ 0.18%	#26
#26	1778713.2050'	194499.5930'	918.56	Inlet F-7	W. 12" RCP = 916.20			E. 15" RCP = 916.20		144' LF of 15"Ø R.C.P. @ (-0.20%)	#27
#27	1778713.5450'	194644.6550'	918.52	Inlet F-7	W. 15" RCP = 916.50			E. 15" RCP = 916.50		296' LF of 15"Ø R.C.P. @ 0.59%	#28
#28	1778718.5130'	194942.2860'	917.66	Inlet F-7	W. 15" RCP = 914.75			E. 18" RCP = 914.75		160' LF of 18"Ø R.C.P. @ 0.36%	#29
#29	1778722.1570'	195103.8540'	917.75	Inlet F-7	W. 18" RCP = 914.18			E. 18" RCP = 914.14		175' LF of 18"Ø R.C.P. @ 0.23%	#30
#30	1778725.5270'	195280.6890'	916.54	Inlet F-7	W. 18" RCP = 913.74			E. 18" RCP = 913.71		224' LF of 18"Ø R.C.P. @ 0.32%	#31
#31	1778726.9770'	195505.9170'	916.67	Inlet F-7	W. 18" RCP = 913.00			E. 18" RCP= 913.00		244' LF of 18"Ø R.C.P. @ 0.31%	#32
#32	1778728.6560'	195751.5670'	915.16	Manhole C-7	N. 15" PVC = 912.31	W. 18" RCP = 912.23		E. 18" RCP = 912.23		91' LF of 18"Ø R.C.P. @ 0.42%	#35
#33	1778782.8150'	195751.3630'	915.91	Inlet F-7	E. 15" PVC = 912.71			S. 15" PVC = 912.60		52' LF of 15"Ø P.V.C. @ 0.56%	#32
#34	1778783.4230'	195786.6990'	915.52	Inlet E-7				W. 15" PVC = 912.76		34' LF of 15"Ø P.V.C. @ 0.15%	#33
#35	1778742.9650'	195845.1400'	917.14	Manhole K-15	W. 18" RCP = 911.85			E. 24" RCP = 911.85		64' LF of 18"Ø R.C.P. @ 0.08%	#36
#36	1778739.0940'	195912.1110'	916	Manhole C-7	W. 24" RCP = 911.80			E. 24" RCP = 911.72		160' LF of 24"Ø R.C.P. @ 0.36%	#39
#37	1778778.7590'	196074.5600'	914.1	Inlet E-7				S. 12" PVC = 912.58		3' LF of 12"Ø P.V.C. @ 2.67%	#38
#38	1778773.2550'	196074.5570'	915.58	Inlet C-15	N. 12" PVC = 912.50			S. 18" RCP= 912.17		25' LF of 18"Ø R.C.P. @ 4.68%	#39



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Structure Number #39	Northing 1778745.4610'	Easting 196074.7700'	Rim Elevation 915.56	Type Manhole K-15	INV. ELEV. IN N. 18" RCP = 911.00	INV. ELEV. IN W. 24" RCP = 911.15	INV. ELEV. IN	INV. ELEV. OUT E. 24" RCP= 911.14	INV. ELEV. OUT	Length 51' LF of 24"Ø R.C.P. @ 2.67%	Connect #40
#40	1778741.1490'	196127.9350'	914.48	Manhole C-7	W. 24" RCP = 909.78			E. 24" RCP= 909.81		48' LF of 24"Ø R.C.P. @ 0.42%	#41
#41	1778740.5590	196177.3770'	913.66	Manhole C-7	W. 24" RCP = 909.61			E. 24" RCP= 909.71		83' LF of 24"Ø R.C.P. @ 0.89%	#43
#42	1778775.6160'	196262.0040'	914.44	Inlet C-15	E. 6" PVC = 909.31			S. 18" PVC = 908.99		25' LF of 18"Ø P.V.C. @ 2.08%	#43
#43	1778747.6580'	196262.5510'	914.52	Manhole K-15	N. 18" PVC = 908.47	W. 24" RCP = 908.97	S. 12" RCP = 909.60	E. 30" RCP = 908.27		40' LF of 30"Ø R.C.P. @ 0.45%	#45
#44	1778740.7330'	196262.5900'	912.98	Inlet E-7	N. 12" RCP = 909.64					4' LF of 12"Ø R.C.P. @ 1.00%	#43
#45	1778740.5350'	196303.0460'	913.56	Manhole J-7	SW. 15" PVC = 910.45	W. 30" RCP = 908.09		E. 30" RCP = 908.09		233' LF of 30"Ø R.C.P. @ 0.48%	#47
#47	1778748.1390'	196536.4880'	913.93	Manhole J-7	W. 30" RCP = 906.97	S. 18" PVC = 906.26		E. 30" RCP = 906.13		128' LF of 30"Ø R.C.P. @ 0.33%	#48
#48	1778736.8810'	196666.5840'	910.8	Manhole J-7	W. 30" RCP = 905.71			E. 30" RCP = 905.62		398' LF of 30"Ø R.C.P. @ 0.85%	#52
#52	1778744.4940'	197066.6700'	907.95	Manhole J-7	W. 30" RCP = 902.24			E. 36" RCP = 898.01		83' LF of 36"Ø R.C.P. @ 0.05%	#53
#53	1778746.2320'	197151.8480'	906.48	Manhole J-7	W. 36" RCP = 897.97			E. 36" RCP = 897.97		149' LF of 36"Ø R.C.P. @ 0.44%	#54
#54	1778745.4820'	197302.7840'	902.5	Manhole J-7	W. 36" RCP = 897.32			E. 36" RCP = 897.16		259' LF of 36"Ø R.C.P. @ 0.51%	#56
#56	1778748.7050'	197563.3570'			W. 30" RCP = 895.84						#57





Scale: 1" = 50'

Drawn By: Teresa Dudley DATE: <u>11-16-2021</u>

THE AS-BUILT SURVEY USED THE FOLLOWING DATUM: HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301 VERTICAL DATUM: (NAVD 88) (GEOID 18)

"AS-BUILT" CERTIFICATION

"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY FIELD SURVEY ON ENDING 11/23/2021

CERTIFIED B

#57

BRIAN K. RAYL, PS
PROFESSIONAL SURVEYOR
INDIANA LICENSE NO. 20100070

DATE: DECEMBER 2, 2021

BRIAN K. RAYER
No. 20160070
STATE OF
NO. SURVEYOR

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT



HAMILTON COUNTY, INDIANA

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