

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-017**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-017

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: WASHINGTON ST
 9A. Location: 000 E/W , 80 N
 9C. Latitude: N 39 Deg 46.340 Min
 Longitude: W -86 Deg 31.433 Min

STRUCTURE DATA

43A. Main Structure Type: 08 RCT-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: 15.0 ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 24 ft.
 52. Deck or Barrel (o-o): 90.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 8.0 ft.
 49. Structure Length: 8.0 ft.
 34. Skew: °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 1120 30A. ADT-Year:

CONDITION

<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel: CONCRETE	4 - POOR
59. Super:	N - N/A	62B. Headwalls: CONCRETE	3 - SERIOUS
60. Sub:	N - N/A	62C. Wingwalls: CONCRETE	3 - SERIOUS
61. Channel: GRAVEL	5 - FAIR	65. Appr.Rdwy: ASPHALT	5 - FAIR

APPRAISAL

<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural: HEAVY ABRASION WITH SECTION LOSS THROUGHOUT AND SOME HOLES	3
72. Roadway Alignment: STRAIGHT - IN SAG CURVE - DRIVES AT NORTHWEST AND SOUTHWEST CORNERS	8
36A. Traffic Safety Feat.: 0000A - NOT CURRENT STANDARDS	36B. Culvert Rail Type: G - STEEL - M OR W SHAPED

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/9/2025 / 1 yrs	73. Year Needed:
63H. Estimated Remaining Life: 5 years	75. Type of Work: 01 - REPLACEMENT - LOAD / GEOMETRY
76. Improvement Length: 100 ft.	Description of Work: Replace structure. Until replacement, install current standard approach rail along west shoulder. Install bridge end markers. Repair northeast bank.
97. Year of Cost Estimate: 2026	
94. Culvert Improvement Costs: \$ 210,000	Remarks: Spalls with exposed steel on arch. Hairline transverse cracks with leaching on top slab. Hairline vertical and map cracking with leaching on box walls. Spalls and deterioration on box at northeast corner. Abrasion on bottom slab and along walls. West headwall and wings separated from structure and are leaning. Losing fill from behind west headwall. Spalls, cracks and abrasion on all wingwalls. Scour hole at outlet. Map cracking on roadway. Steep embankments. Heavy bank erosion at northeast corner.
95. Rdwy. Improvement Costs: \$ 50,000	
96A. Total Improvement Costs: \$ 260,000	
96B. Total Maintenance Costs: \$ 7,000	



**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-018**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-018

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: WASHINGTON ST
 9A. Location: 000 E/W , 50 N
 9C. Latitude: N 39 Deg 46.124 Min
 Longitude: W -86 Deg 31.438 Min

STRUCTURE DATA

43A. Main Structure Type: 03 CMR-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: 1.0 ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 24 ft.
 52. Deck or Barrel (o-o): 60.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 3.0 ft.
 49. Structure Length: 3.0 ft.
 34. Skew: °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 1120 30A. ADT-Year:

CONDITION

<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel: STEEL	4 - POOR
59. Super:	N - N/A	62B. Headwalls: CONCRETE/ MASON	5 - FAIR
60. Sub: CONCRETE	N - N/A	62C. Wingwalls: CONCRETE/ MASON	5 - FAIR
61. Channel: GRAVEL	7 - GOOD	65. Appr. Rdwy: ASPHALT	6 - SATISFACTORY

APPRAISAL

<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural: EXPANSION RUST WITH THROUGH RUST ON STEEL CMP	4
72. Roadway Alignment: STRAIGHT - IN SAG CURVE - DRIVES AT NORTHWEST, SOUTHWEST, AND SOUTHEAST CORNERS	8
36A. Traffic Safety Feat.: 0000A - NOT CURRENT STANDARDS	36B. Culvert Rail Type: G - STEEL - M OR W SHAPED

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/9/2025 / 2 yrs	73. Year Needed:
63H. Estimated Remaining Life: 10 years	75. Type of Work: 01 - REPLACEMENT - LOAD / GEOMETRY
76. Improvement Length: 70 ft.	Description of Work: Replace structure. Until replacement, install current standard approach rail along west shoulder.
97. Year of Cost Estimate: 2026	
94. Culvert Improvement Costs: \$ 67,000	Remarks: 1.25" crack on barrel at east end detaching the headwall and wingwalls.
95. Rdwy. Improvement Costs: \$ 50,000	Abrasion on concrete at inlet. Missing mortar on west masonry headwall and wingwall. Map cracking on roadway. Steep slopes. Minor channel erosion.
96A. Total Improvement Costs: \$ 117,000	
96B. Total Maintenance Costs: \$ 6,000	

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-019**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-019

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: WASHINGTON ST
 9A. Location: 000 E/W , 30 N
 9C. Latitude: N 39 Deg 45.971 Min
 Longitude: W -86 Deg 31.429 Min

STRUCTURE DATA

43A. Main Structure Type: 07 RCA-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: 0.6 ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 25.2 ft.
 52. Deck or Barrel (o-o): 42.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 8.1 ft.
 49. Structure Length: 8.0 ft.
 34. Skew: 0 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 1120 30A. ADT-Year:

CONDITION

MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: CONCRETE	5 - FAIR
59. Super:	N - N/A	62B. Headwalls: CONCRETE	5 - FAIR
60. Sub:	N - N/A	62C. Wingwalls: CONCRETE	5 - FAIR
61. Channel: GRAVEL	5 - FAIR	65. Appr.Rdwy: ASPHALT	5 - FAIR

APPRAISAL

DEFICIENCIES	RATING
67. Structural: 1" OPEN VERTICAL CRACK ON NORTH WALL AT EAST END	5
72. Roadway Alignment: STRAIGHT - ON GRADE - INTERSECTION AT SOUTHEAST CORNER	8
36A. Traffic Safety Feat.: 0000A - NOT CURRENT STANDARDS	
36B. Culvert Rail Type: G - STEEL - M OR W SHAPED	

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/9/2025 / 5 yrs
 63H. Estimated Remaining Life: 15 years
 76. Improvement Length: ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 0,000
 95. Rdwy. Improvement Costs: \$ 0,000
 96A. Total Improvement Costs: \$ 0,000
 96B. Total Maintenance Costs: \$ 15,000

73. Year Needed:
 75. Type of Work: 10 - MAINTENANCE NEEDED
 Description of Work: Repair bank erosion. Place riprap in scour hole. Install end marker at southwest corner. Install current standard approach rail.

Remarks: Several hairline to 1/4" vertical cracks on walls. Abrasion with section loss along bottom of walls. Abrasion with exposed steel on bottom slab. Honeycombing with exposed steel on walls. Minor spalls and cracks on wings. 1/4" crack on southwest and southeast wings. Minor debris at inlet. Large dropoff at outlet. Bank erosion at northeast and southeast corners. Scour hole at east end.

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-020**



APPROACH LOOKING EAST

APPROACH LOOKING WEST



ELEVATION LOOKING NORTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-020

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: SYCAMORE ST
 9A. Location: 80 E , 50 N
 9C. Latitude: N 39 Deg 46.068 Min
 Longitude: W -86 Deg 30.532 Min

STRUCTURE DATA

43A. Main Structure Type: 07 RCA-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 24 ft.
 52. Deck or Barrel (o-o): 26.1 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 10.0 ft.
 49. Structure Length: 10.0 ft.
 34. Skew: 0 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 2 30A. ADT-Year:

CONDITION

MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: CONCRETE	5 - FAIR
59. Super:	N - N/A	62B. Headwalls: CONCRETE	4 - POOR
60. Sub:	N - N/A	62C. Wingwalls: CONCRETE	3 - SERIOUS
61. Channel: RIPRAP/ NATURAL	4 - POOR	65. Appr.Rdwy: ASPHALT	7 - GOOD

APPRAISAL

DEFICIENCIES	RATING
67. Structural: LARGE SPALL WITH EXPOSED STEEL AT UNDERSIDE OF SOUTHEAST ARCH TOP	5
72. Roadway Alignment: STRAIGHT - IN SAG CURVE - DRIVE AT EAST AND WEST	8
36A. Traffic Safety Feat.: 0000B - UNACCEPTABLE/NON-EXISTANT	
36B. Culvert Rail Type: K - OTHER - NON STANDARD	

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 11/25/2025 / 5 yrs
 63H. Estimated Remaining Life: 15 years
 76. Improvement Length: ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 30,000
 95. Rdwy. Improvement Costs: \$ 0,000
 96A. Total Improvement Costs: \$ 30,000
 96B. Total Maintenance Costs: \$ 15,000

73. Year Needed:
 75. Type of Work: 05 - REHAB - DETERIORATION
 Description of Work: Replace northwest wingwall. Until rehabilitation, clear debris and vegetation. Place riprap in scour hole. Install current standard approach and bridge guardrail.

Remarks: Northwest wing failed, blocking part of inlet and redirects flow to east abutment causing heavy scour. Debris at inlet. Vertical wide cracks at headwalls. Moderate spall with exposed rebar at center of north headwall.

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-021**



APPROACH LOOKING EAST

APPROACH LOOKING WEST



ELEVATION LOOKING SOUTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-021

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: SYCAMORE CT
 9A. Location: 90 E , 50 N
 9C. Latitude: N 39 Deg 46.066 Min
 Longitude: W -86 Deg 30.244 Min

STRUCTURE DATA

43A. Main Structure Type: 03 CMR-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: 5.0 ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 22 ft.
 52. Deck or Barrel (o-o): 66.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 5.0 ft.
 49. Structure Length: 5.0 ft.
 34. Skew: 0 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 2 30A. ADT-Year:

CONDITION

<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel: STEEL	4 - POOR
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: RIPRAP	5 - FAIR	65. Appr. Rdwy: ASPHALT	8 - VERY GOOD

APPRAISAL

<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural: HEAVY EXPANSION RUST AT FLOWLINE UNDER ROADWAY AND HOLES DEVELOPING	4
72. Roadway Alignment: STRAIGHT - LEVEL - INTERSECTION WEST	8
36A. Traffic Safety Feat.: NNNN - FEATURES NOT REQUIRED	36B. Culvert Rail Type: N - NO RAILING

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 11/25/2025 / 2 yrs
 63H. Estimated Remaining Life: 4 years
 76. Improvement Length: 75 ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 128,000
 95. Rdwy. Improvement Costs: \$ 50,000
 96A. Total Improvement Costs: \$ 178,000
 96B. Total Maintenance Costs: \$ 5,000

73. Year Needed:
 75. Type of Work: 01 - REPLACEMENT - LOAD / GEOMETRY
 Description of Work: Replace structure. Until replacement, place riprap at outlet. Clear debris at inlet. Clear vegetation at culvert.

Remarks: Debris at inlet. Gate at outlet. Vegetation at structure. 1' deep x 7' long undermining at outlet. Heavy expansion rust at flowline under roadway and holes developing. 2 utility punctured through bottom at 26' from inlet. Holes and bulging at pipe bottom 30' from inlet. 3' bottom structure missing at inlet flowline. 1' deep scour hole at outlet.



**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-022**



APPROACH LOOKING EAST

APPROACH LOOKING WEST



ELEVATION LOOKING SOUTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-022

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: E MAIN ST
 9A. Location: 160 E , 000 N/S
 9C. Latitude: N 39 Deg 45.698 Min
 Longitude: W -86 Deg 29.650 Min

STRUCTURE DATA

43A. Main Structure Type: 02 CMP-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: 5.0 ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 40 ft.
 52. Deck or Barrel (o-o): 106.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 6.7 ft.
 49. Structure Length: 11.25 ft.
 34. Skew: 10 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 10428 30A. ADT-Year:

CONDITION

<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel: STEEL	4 - POOR
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: SILT	6 - SATISFACTORY	65. Appr.Rdwy: ASPHALT	7 - GOOD

APPRAISAL

<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural: EXPANSION RUST WITH THROUGH RUST AT STRUCTURE ENDS	4
72. Roadway Alignment: IN HORIZONTAL CURVE - ON GRADE - REFER TO REMARKS FOR INTERSECTIONS AND DRIVES	7
36A. Traffic Safety Feat.: 1111 - ALL FEATURES ACCEPTABLE	36B. Culvert Rail Type: G - STEEL - M OR W SHAPED

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/9/2025 / 2 yrs	73. Year Needed:
63H. Estimated Remaining Life: 10 years	75. Type of Work: 01 - REPLACEMENT - LOAD / GEOMETRY
76. Improvement Length: 115 ft.	Description of Work: Replace structure. Until replacement, place riprap in scour hole at south end.
97. Year of Cost Estimate: 2026	
94. Culvert Improvement Costs: \$ 414 ,000	
95. Rdwy. Improvement Costs: \$ 100 ,000	Remarks: Bottom of structure bulging up. South segments separated 6" causing 3' of undermining. Spall and map crack on south toe wall. Transverse cracks in roadway. Scour hole at pipe outlet. Minor undermining of south toe wall. Bank erosion downstream. Drives at southwest, southeast, and northeast corners.
96A. Total Improvement Costs: \$ 514 ,000	
96B. Total Maintenance Costs: \$ 1 ,000	

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-023**



APPROACH LOOKING EAST

APPROACH LOOKING WEST



ELEVATION LOOKING SOUTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-023

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	02 CMP-UF
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF W. FORK WHITE LICK CREEK	108E. Approximate Cover Depth:	ft.
7. Facility Carried:	E MAIN ST	GEOMETRIC DATA	
9A. Location:	180 E , 000 N/S	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 45.699 Min	51. Culvert Rdwy. Width:	34 ft.
Longitude:	W -86 Deg 29.424 Min	52. Deck or Barrel (o-o):	106.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
		48B. Max. Opening Ht.:	8.1 ft.
		49. Structure Length:	12.6 ft.
		34. Skew:	0 °
		AGE AND SERVICE	
31. Design Load		27A. Year Built:	
64A. Operating Rating:		106A. Reconstructed:	
66A. Inventory Rating:		106B. Repaired:	
66B. Gross Tons or H Rating:		28A. Lanes On Structure:	2 - LANE
64B. Year of Rating:		29A. ADT: 10428	30A. ADT-Year:
41. Open, Posted or Closed:			
66C. Tons Posted:			
66D. Date Posted / Closed:			
CONDITION		CONDITION	
MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel:	STEEL/ CONCRETE 8 - VERY GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: RIPRAP	8 - VERY GOOD	65. Appr. Rdwy: ASPHALT	8 - VERY GOOD
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	NO MAJOR DEFICIENCIES NOTED.		8
72. Roadway Alignment:	STRAIGHT - LEVEL - DRIVES AT EAST AND WEST		8
36A. Traffic Safety Feat.:	NNNN - FEATURES NOT REQUIRED		
	36B. Culvert Rail Type: N - NO RAILING		
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	11/25/2025 / 5 yrs		
63H. Estimated Remaining Life:	40	73. Year Needed:	
76. Improvement Length:	ft.	75. Type of Work:	10 - MAINTENANCE NEEDED
97. Year of Cost Estimate:	2026	Description of Work:	Clear debris. Clear vegetation at culvert. Realign and clear channel. Repair roadway settlement over structure.
94. Culvert Improvement Costs:	\$ 0,000	Remarks:	Inlet does not align with channel. 1' drop at inlet. Debris at inlet and above outlet. Significant roadway settlement over structure.
95. Rdwy. Improvement Costs:	\$ 0,000		
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 8,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-024**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-024

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	03 CMR-UF
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF ABNER CREEK	108E. Approximate Cover Depth:	1.5 ft.
7. Facility Carried:	300 E	GEOMETRIC DATA	
9A. Location:	300 E , 30 N	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 45.929 Min	51. Culvert Rdwy. Width:	20 ft.
Longitude:	W -86 Deg 28.006 Min	52. Deck or Barrel (o-o):	50.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
		48B. Max. Opening Ht.:	5.0 ft.
		49. Structure Length:	4.8 ft.
		34. Skew:	10 °
		AGE AND SERVICE	
31. Design Load		27A. Year Built:	
64A. Operating Rating:		106A. Reconstructed:	
66A. Inventory Rating:		106B. Repaired:	
66B. Gross Tons or H Rating:		28A. Lanes On Structure:	2 - LANE
64B. Year of Rating:		29A. ADT: 1421	30A. ADT-Year:
41. Open, Posted or Closed:			
66C. Tons Posted:			
66D. Date Posted / Closed:			
CONDITION		CONDITION	
MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: STEEL	6 - SATISFACTORY
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls: STEEL	6 - SATISFACTORY
61. Channel: GRASS	7 - GOOD	65. Appr. Rdwy: ASPHALT	7 - GOOD
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	MODERATE EXPANSION RUST ALONG FLOWLINE		6
72. Roadway Alignment:	STRAIGHT - IN SAG CURVE - DRIVES AT ALL 4 CORNERS		8
36A. Traffic Safety Feat.:	0000B - UNACCEPTABLE/NON-EXISTANT		
	36B. Culvert Rail Type: N - NO RAILING		
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/9/2025 / 5 yrs		
63H. Estimated Remaining Life:	20	73. Year Needed:	
76. Improvement Length:	ft.	75. Type of Work: 10 - MAINTENANCE NEEDED	
97. Year of Cost Estimate:	2026	Description of Work: Install current standard approach rail and object markers.	
94. Culvert Improvement Costs:	\$ 0,000	Remarks: Minor bank erosion east of structure. Minor deflection under roadway. Moderate expansion rust on wings. Roadway has transverse crack over structure and longitudinal crack in northeast corner. Structure adjacent to CE-025.	
95. Rdwy. Improvement Costs:	\$ 0,000		
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 15,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-025**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-025

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF ABNER CREEK
 7. Facility Carried: 300 E
 9A. Location: 300 E , 30 N
 9C. Latitude: N 39 Deg 45.928 Min
 Longitude: W -86 Deg 27.996 Min

STRUCTURE DATA

43A. Main Structure Type: 03 CMR-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: 1.5 ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 20 ft.
 52. Deck or Barrel (o-o): 30.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 3.0 ft.
 49. Structure Length: 3 ft.
 34. Skew: 0 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built: 2019
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 1421 30A. ADT-Year:

CONDITION

MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: STEEL	7 - GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: GRASS	7 - GOOD	65. Appr. Rdwy: ASPHALT	7 - GOOD

APPRAISAL

DEFICIENCIES	RATING
67. Structural: NO MAJOR DEFICIENCIES NOTED	7
72. Roadway Alignment: STRAIGHT - IN SAG CURVE - DRIVES AT ALL 4 CORNERS	8
36A. Traffic Safety Feat.: 0000B - UNACCEPTABLE/NON-EXISTANT	
36B. Culvert Rail Type: N - NO RAILING	

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/9/2025 / 5 yrs
 63H. Estimated Remaining Life: 30 years
 76. Improvement Length: ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 0,000
 95. Rdwy. Improvement Costs: \$ 0,000
 96A. Total Improvement Costs: \$ 0,000
 96B. Total Maintenance Costs: \$ 0,000

73. Year Needed:
 75. Type of Work: 10 - MAINTENANCE NEEDED
 Description of Work: Install current standard approach rail and end markers. Proposed improvement and maintenance cost is included in CE-024.

Remarks: Minor bank erosion east of structure. Minor settlement in roadway on west shoulder. Roadway has transverse crack over structure and longitudinal crack in northeast corner. Structure adjacent to CE-024.

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-026**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-026

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	24 PR
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	2 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF ABNER CREEK	108E. Approximate Cover Depth:	5.0 ft.
7. Facility Carried:	300 E	GEOMETRIC DATA	
9A. Location:	300 E , 50 N	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 46.116 Min	51. Culvert Rdwy. Width:	20 ft.
Longitude:	W -86 Deg 27.997 Min	52. Deck or Barrel (o-o):	127.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	4.0 ft.
31. Design Load		48B. Max. Opening Ht.:	4.0 ft.
64A. Operating Rating:		49. Structure Length:	9.3 ft.
66A. Inventory Rating:		34. Skew:	0 °
66B. Gross Tons or H Rating:		AGE AND SERVICE	
64B. Year of Rating:		27A. Year Built:	
41. Open, Posted or Closed:		106A. Reconstructed:	
66C. Tons Posted:		106B. Repaired:	
66D. Date Posted / Closed:		28A. Lanes On Structure:	2 - LANE
		29A. ADT: 1421	30A. ADT-Year:
CONDITION		CONDITION	
MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: PLASTIC	8 - VERY GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: GRASS	8 - VERY GOOD	65. Appr. Rdwy: ASPHALT/ CONCRETE	7 - GOOD
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	NO MAJOR DEFICIENCIES NOTED		8
72. Roadway Alignment:	STRAIGHT - IN SAG CURVE - REFER TO REMARKS FOR INTERSECTIONS AND DRIVES		8
36A. Traffic Safety Feat.:	NNNN - FEATURES NOT REQUIRED		
	36B. Culvert Rail Type: N - NO RAILING		
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/9/2025 / 5 yrs		
63H. Estimated Remaining Life:	40 years	73. Year Needed:	
76. Improvement Length:	ft.	75. Type of Work: 00 - NO MAJOR WORK NEEDED	
97. Year of Cost Estimate:	2026	Description of Work: No maintenance needed.	
94. Culvert Improvement Costs:	\$ 0,000		
95. Rdwy. Improvement Costs:	\$ 0,000	Remarks: Transverse cracks on roadway at structure ends. Minor settlement at southeast and southwest shoulders. Concrete slab over structure. Intersection at northeast corner. Drive at northwest corner.	
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 0,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-041**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-041

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	03 CMR-UF
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF W. FORK WHITE LICK CREEK	108E. Approximate Cover Depth:	4.0 ft.
7. Facility Carried:	200 E	GEOMETRIC DATA	
9A. Location:	200 E , 040 N	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 46.016 Min	51. Culvert Rdwy. Width:	20 ft.
Longitude:	W -86 Deg 29.178 Min	52. Deck or Barrel (o-o):	60.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
31. Design Load		48B. Max. Opening Ht.:	5.0 ft.
64A. Operating Rating:		49. Structure Length:	6 ft.
66A. Inventory Rating:		34. Skew:	0 °
66B. Gross Tons or H Rating:		AGE AND SERVICE	
64B. Year of Rating:		27A. Year Built:	
41. Open, Posted or Closed:		106A. Reconstructed:	
66C. Tons Posted:		106B. Repaired:	
66D. Date Posted / Closed:		28A. Lanes On Structure:	2 - LANE
		29A. ADT: 3462	30A. ADT-Year:
CONDITION		CONDITION	
MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel:	STEEL 8 - VERY GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: SILT	7 - GOOD	65. Appr. Rdwy: ASPHALT	8 - VERY GOOD
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	NO MAJOR DEFICIENCIES NOTED		8
72. Roadway Alignment:	STRAIGHT - IN SLIGHT SAG CURVE - REFER TO REMARKS FOR INTERSECTIONS AND DRIVES		8
36A. Traffic Safety Feat.:	NNNN - FEATURES NOT REQUIRED		
			36B. Culvert Rail Type: N - NO RAILING
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/9/2025 / 5 yrs		
63H. Estimated Remaining Life:	40	73. Year Needed:	
76. Improvement Length:	ft.	75. Type of Work:	00 - NO MAJOR WORK NEEDED
97. Year of Cost Estimate:	2026	Description of Work: No maintenance needed.	
94. Culvert Improvement Costs:	\$ 0,000		
95. Rdwy. Improvement Costs:	\$ 0,000	Remarks: Minor bank erosion downstream of structure. Drives at northeast, northwest and southeast corners.	
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 0,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-047**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING SOUTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-047

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: OLD FARM RD
 9A. Location: 140 E , 20 N
 9C. Latitude: N 39 Deg 45.893 Min
 Longitude: W -86 Deg 29.796 Min

STRUCTURE DATA

43A. Main Structure Type: 03 CMR-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: 1.0 ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 32 ft.
 52. Deck or Barrel (o-o): 52.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 4.1 ft.
 49. Structure Length: 5.9 ft.
 34. Skew: 0 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 2 30A. ADT-Year:

CONDITION

<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel: STEEL	8 - VERY GOOD
59. Super:	N - N/A	62B. Headwalls: CONCRETE	8 - VERY GOOD
60. Sub:	N - N/A	62C. Wingwalls: CONCRETE	8 - VERY GOOD
61. Channel: SILT/ RIPRAP	7 - GOOD	65. Appr. Rdwy: ASPHALT	8 - VERY GOOD

APPRAISAL

<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural: NO MAJOR DEFICIENCIES NOTED	8
72. Roadway Alignment: IN HORIZONTAL CURVE - LEVEL - REFER TO REMARKS FOR INTERSECTIONS AND DRIVES	6
36A. Traffic Safety Feat.: NNNN - FEATURES NOT REQUIRED	
36B. Culvert Rail Type: N - NO RAILING	

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/9/2025 / 5 yrs	73. Year Needed:
63H. Estimated Remaining Life: 40 years	75. Type of Work: 10 - MAINTENANCE NEEDED
76. Improvement Length: ft.	Description of Work: Repair erosion at corners.
97. Year of Cost Estimate: 2026	
94. Culvert Improvement Costs: \$ 0,000	
95. Rdwy. Improvement Costs: \$ 0,000	Remarks: Pipe lined with grout. Erosion at northeast, northwest and southeast corners.
96A. Total Improvement Costs: \$ 0,000	Minor undermining of sidewalk at southeast corner. Minor scour hole at outlet.
96B. Total Maintenance Costs: \$ 4,000	Settlement in shoulder at north drain. Intersection at northwest corner. Drives at southwest, northeast and southeast corners.



**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-048**



APPROACH LOOKING EAST

APPROACH LOOKING WEST



ELEVATION LOOKING NORTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-048

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	24 PR
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF W. FORK WHITE LICK CREEK	108E. Approximate Cover Depth:	1.5 ft.
7. Facility Carried:	MEADOW DR	GEOMETRIC DATA	
9A. Location:	130 E , 50 N	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 46.101 Min	51. Culvert Rdwy. Width:	30 ft.
Longitude:	W -86 Deg 29.893 Min	52. Deck or Barrel (o-o):	60.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
		48B. Max. Opening Ht.:	3.5 ft.
		49. Structure Length:	3.5 ft.
		34. Skew:	0 °
		AGE AND SERVICE	
31. Design Load		27A. Year Built:	
64A. Operating Rating:		106A. Reconstructed:	
66A. Inventory Rating:		106B. Repaired:	
66B. Gross Tons or H Rating:		28A. Lanes On Structure:	2 - LANE
64B. Year of Rating:		29A. ADT: 2	30A. ADT-Year:
41. Open, Posted or Closed:			
66C. Tons Posted:			
66D. Date Posted / Closed:			
CONDITION		CONDITION	
MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: PLASTIC	8 - VERY GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: SILT	8 - VERY GOOD	65. Appr. Rdwy: ASPHALT	5 - FAIR
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	NO MAJOR DEFICIENCIES NOTED		8
72. Roadway Alignment:	STRAIGHT - LEVEL - INTERSECTION EAST - DRIVES AT NORTHWEST AND SOUTHWEST CORNERS		8
36A. Traffic Safety Feat.:	NNNN - FEATURES NOT REQUIRED		
			36B. Culvert Rail Type: N - NO RAILING
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/9/2025 / 5 yrs		
63H. Estimated Remaining Life:	40	73. Year Needed:	
76. Improvement Length:	ft.	75. Type of Work: 00 - NO MAJOR WORK NEEDED	
97. Year of Cost Estimate:	2026	Description of Work: No maintenance needed.	
94. Culvert Improvement Costs:	\$ 0,000		
95. Rdwy. Improvement Costs:	\$ 0,000	Remarks: Concrete boxes at roadway drains. Map cracking on roadway. Shoulders settled over structure. Erosion at northeast corner.	
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 0,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-049**



APPROACH LOOKING EAST

APPROACH LOOKING WEST



ELEVATION LOOKING SOUTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-049

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	03 CMR-UF
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF W. FORK WHITE LICK CREEK	108E. Approximate Cover Depth:	3.0 ft.
7. Facility Carried:	TRADITION LN	GEOMETRIC DATA	
9A. Location:	150 E , 10 N	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 45.810 Min	51. Culvert Rdwy. Width:	30 ft.
Longitude:	W -86 Deg 29.748 Min	52. Deck or Barrel (o-o):	147.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
31. Design Load		48B. Max. Opening Ht.:	5.0 ft.
64A. Operating Rating:		49. Structure Length:	5 ft.
66A. Inventory Rating:		34. Skew:	45 °
66B. Gross Tons or H Rating:		AGE AND SERVICE	
64B. Year of Rating:		27A. Year Built:	
41. Open, Posted or Closed:		106A. Reconstructed:	
66C. Tons Posted:		106B. Repaired:	
66D. Date Posted / Closed:		28A. Lanes On Structure:	2 - LANE
		29A. ADT: 2	30A. ADT-Year:
CONDITION		CONDITION	
MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: STEEL	4 - POOR
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: SILT/ RIPRAP	5 - FAIR	65. Appr. Rdwy: ASPHALT	6 - SATISFACTORY
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	EXPANSION RUST WITH THROUGH RUST THROUGHOUT. 12 FT X 3 FT HOLE AT SOUTH END		4
72. Roadway Alignment:	IN S-CURVE - ON GRADE - REFER TO REMARKS FOR INTERSECTIONS AND DRIVES		6
36A. Traffic Safety Feat.:	NNNN - FEATURES NOT REQUIRED	36B. Culvert Rail Type:	N - NO RAILING
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/9/2025 / 2 yrs	73. Year Needed:	
63H. Estimated Remaining Life:	10 years	75. Type of Work:	01 - REPLACEMENT - LOAD / GEOMETRY
76. Improvement Length:	155 ft.	Description of Work:	Replace structure.
97. Year of Cost Estimate:	2026		
94. Culvert Improvement Costs:	\$ 264 ,000		
95. Rdwy. Improvement Costs:	\$ 50 ,000	Remarks:	CE-050 outlets through east side of culvert. 13' of undermining at south end. Map cracking with longitudinal and transverse cracking over structure, some sealed. Poor channel alignment. Heavy bank erosion and scour hole at downstream end. Intersection east. Drives at northwest and southwest corners.
96A. Total Improvement Costs:	\$ 314 ,000		
96B. Total Maintenance Costs:	\$ 0 ,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-050**



APPROACH LOOKING EAST

APPROACH LOOKING WEST



ELEVATION LOOKING SOUTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-050

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: TRADITION LN
 9A. Location: 140 E , 10 N
 9C. Latitude: N 39 Deg 45.816 Min
 Longitude: W -86 Deg 29.737 Min

STRUCTURE DATA

43A. Main Structure Type: 03 CMR-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: 4.0 ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 30 ft.
 52. Deck or Barrel (o-o): 48.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 3.0 ft.
 49. Structure Length: 3 ft.
 34. Skew: 45 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 2 30A. ADT-Year:

CONDITION

<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel: STEEL	4 - POOR
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls: STEEL	2 - CRITICAL
61. Channel: GRASS	7 - GOOD	65. Appr. Rdwy: ASPHALT	6 - SATISFACTORY

APPRAISAL

<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural: EXPANSION RUST WITH THROUGH RUST THROUGHOUT	4
72. Roadway Alignment: IN S-CURVE - ON GRADE - REFER TO REMARKS FOR INTERSECTIONS AND DRIVES	6
36A. Traffic Safety Feat.: NNNN - FEATURES NOT REQUIRED	36B. Culvert Rail Type: N - NO RAILING

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/9/2025 / 2 yrs	73. Year Needed:
63H. Estimated Remaining Life: 5 years	75. Type of Work: 01 - REPLACEMENT - LOAD / GEOMETRY
76. Improvement Length: 55 ft.	Description of Work: Replace structure.
97. Year of Cost Estimate: 2026	
94. Culvert Improvement Costs: \$ 53,000	
95. Rdwy. Improvement Costs: \$ 50,000	
96A. Total Improvement Costs: \$ 103,000	Remarks: Outlets into CE-049. Map cracking with longitudinal and transverse cracks over structure, some sealed. Northwest wing failed and blocking pipe inlet. 7 ft of undermining at north end. Intersection to the east. Drives at northwest and southwest corners.
96B. Total Maintenance Costs: \$ 6,000	

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-051**



APPROACH LOOKING EAST

APPROACH LOOKING WEST



ELEVATION LOOKING SOUTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-051

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	12 RCS-UF
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF ABNER CREEK	108E. Approximate Cover Depth:	1.0 ft.
7. Facility Carried:	100 N	GEOMETRIC DATA	
9A. Location:	130 E , 100 N	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 46.554 Min	51. Culvert Rdwy. Width:	30 ft.
Longitude:	W -86 Deg 27.742 Min	52. Deck or Barrel (o-o):	32.8 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
		48B. Max. Opening Ht.:	8.0 ft.
		49. Structure Length:	12 ft.
		34. Skew:	0 °
		AGE AND SERVICE	
31. Design Load		27A. Year Built:	
64A. Operating Rating:		106A. Reconstructed:	
66A. Inventory Rating:		106B. Repaired:	
66B. Gross Tons or H Rating:		28A. Lanes On Structure:	2 - LANE
64B. Year of Rating:		29A. ADT: 4515	30A. ADT-Year:
41. Open, Posted or Closed:			
66C. Tons Posted:			
66D. Date Posted / Closed:			
CONDITION		CONDITION	
MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel:	CONCRETE 6 - SATISFACTORY
59. Super:	N - N/A	62B. Headwalls:	CONCRETE 6 - SATISFACTORY
60. Sub:	N - N/A	62C. Wingwalls:	CONCRETE 6 - SATISFACTORY
61. Channel: NATURAL/ CONCRETE	5 - FAIR	65. Appr. Rdwy:	ASPHALT 8 - VERY GOOD
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	MODERATE CRACKS AT SOUTHEAST ABUTMENT CORNER		6
72. Roadway Alignment:	STRAIGHT - SAG CURVE - DRIVE AT NORTHEAST CORNER		8
36A. Traffic Safety Feat.:	0000B - UNACCEPTABLE/NON-EXISTANT		
	36B. Culvert Rail Type: N - NO RAILING		
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	11/25/2025 / 5 yrs		
63H. Estimated Remaining Life:	30	73. Year Needed:	
76. Improvement Length:	ft.	75. Type of Work:	10 - MAINTENANCE NEEDED
97. Year of Cost Estimate:	2026	Description of Work:	Remove beaver dam. Clear vegetation and debris at structure. Riprap inlet banks. Install current standard bridge and approach rail with end treatment.
94. Culvert Improvement Costs:	\$ 0,000	Remarks:	Debris at inlet. Moderate vegetation at ends. Beaver dam upstream. Minor erosion at structure corners. Some hairline map cracking on slab underside. Minor cracks at northeast abutment corner and spalling at bottom.
95. Rdwy. Improvement Costs:	\$ 0,000		
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 25,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-052**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-052

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	03 CMR-UF
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF COSNER BRANCH	108E. Approximate Cover Depth:	2.5 ft.
7. Facility Carried:	300 E	GEOMETRIC DATA	
9A. Location:	300 E , 50 S	32. Appr. Rdwy. Width:	20 ft.
9C. Latitude:	N 39 Deg 45.359 Min	51. Culvert Rdwy. Width:	20 ft.
Longitude:	W -86 Deg 28.034 Min	52. Deck or Barrel (o-o):	30.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
		48B. Max. Opening Ht.:	3.0 ft.
		49. Structure Length:	3.0 ft.
		34. Skew:	0 °
		AGE AND SERVICE	
31. Design Load		27A. Year Built:	
64A. Operating Rating:		106A. Reconstructed:	
66A. Inventory Rating:		106B. Repaired:	
66B. Gross Tons or H Rating:		28A. Lanes On Structure:	2 - LANE
64B. Year of Rating:		29A. ADT: 2064	30A. ADT-Year:
41. Open, Posted or Closed:		CONDITION	
66C. Tons Posted:			
66D. Date Posted / Closed:			
MATERIAL		RATING	
58. Deck:	N - N/A	62A. Barrel:	STEEL 8 - VERY GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: GRASS/ RIPRAP	5 - FAIR	65. Appr. Rdwy:	ASPHALT 8 - VERY GOOD
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	NO MAJOR DEFICIENCIES NOTED.		8
72. Roadway Alignment:	STRAIGHT - ON GRADE - REFER TO REMARKS FOR INTERSECTIONS AND DRIVES		8
36A. Traffic Safety Feat.:	0000B - UNACCEPTABLE/NON-EXISTANT		36B. Culvert Rail Type: N - NO RAILING
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/9/2025 / 5 yrs		
63H. Estimated Remaining Life:	50 years	73. Year Needed:	
76. Improvement Length:	40 ft.	75. Type of Work:	10 - MAINTENANCE NEEDED
97. Year of Cost Estimate:	2026	Description of Work:	Replace object marker at northwest corner. Install current standard approach rail.
94. Culvert Improvement Costs:	\$ 0,000	Remarks:	Steep shoulders. Transverse cracks at structure ends. Minor settlement along west shoulder. Minor scour and 2' of undermining at east end. Intersection and railroad crossing to north. Drives at northeast and southeast corners.
95. Rdwy. Improvement Costs:	\$ 0,000		
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 12,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-054**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-054

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	09A RCB
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF COSNER BRANCH	108E. Approximate Cover Depth:	ft.
7. Facility Carried:	300 E	GEOMETRIC DATA	
9A. Location:	300 E , 130 S	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 44.503 Min	51. Culvert Rdwy. Width:	38.5 ft.
Longitude:	W -86 Deg 28.012 Min	52. Deck or Barrel (o-o):	48.8 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
		48B. Max. Opening Ht.:	8.0 ft.
		49. Structure Length:	9 ft.
		34. Skew:	30 °
		AGE AND SERVICE	
31. Design Load		27A. Year Built:	
64A. Operating Rating:		106A. Reconstructed:	
66A. Inventory Rating:		106B. Repaired:	
66B. Gross Tons or H Rating:		28A. Lanes On Structure:	2 - LANE
64B. Year of Rating:		29A. ADT: 2064	30A. ADT-Year:
41. Open, Posted or Closed:			
66C. Tons Posted:			
66D. Date Posted / Closed:			
CONDITION		CONDITION	
MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: CONCRETE	7 - GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls: STONE	6 - SATISFACTORY
61. Channel: GRAVEL	7 - GOOD	65. Appr. Rdwy: ASPHALT	8 - VERY GOOD
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	3.25 INCH GAP BETWEEN EAST MOST SEGMENTS		7
72. Roadway Alignment:	STRAIGHT - ON GRADE - DRIVE AT NORTHEAST CORNER		8
36A. Traffic Safety Feat.:	0000B - UNACCEPTABLE/NON-EXISTANT	36B. Culvert Rail Type: G - STEEL - M OR W SHAPED	
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/11/2025 / 5 yrs	73. Year Needed:	
63H. Estimated Remaining Life:	30 years	75. Type of Work: 10 - MAINTENANCE NEEDED	
76. Improvement Length:	ft.	Description of Work:	Install current standard approach rail. Repair erosion at northwest and southwest corners.
97. Year of Cost Estimate:	2026	Remarks:	Has stacked stone for wingwalls. Erosion at northwest and southwest corners. Wingwalls undermining and scouring at east end. Leaking between joints. Minor spall with exposed steel on top slab.
94. Culvert Improvement Costs:	\$ 0,000		
95. Rdwy. Improvement Costs:	\$ 0,000		
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 15,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-060**



APPROACH LOOKING EAST

APPROACH LOOKING WEST



ELEVATION LOOKING NORTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-060

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF COSNER BRANCH
 7. Facility Carried: 150 S
 9A. Location: 260 E , 150 S
 9C. Latitude: N 39 Deg 44.325 Min
 Longitude: W -86 Deg 28.416 Min

STRUCTURE DATA

43A. Main Structure Type: 11 RCS
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: 0.8 ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 18.2 ft.
 52. Deck or Barrel (o-o): 20.2 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 8.6 ft.
 49. Structure Length: 8 ft.
 34. Skew: 30 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 615 30A. ADT-Year:

CONDITION

	<u>MATERIAL</u>	<u>RATING</u>		<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	CONCRETE	5 - FAIR	62A. Barrel:		N - N/A
59. Super:	CONCRETE	5 - FAIR	62B. Headwalls:		N - N/A
60. Sub:	CONCRETE	5 - FAIR	62C. Wingwalls:		N - N/A
61. Channel:	SILT	5 - FAIR	65. Appr. Rdwy:	ASPHALT	6 - SATISFACTORY

APPRAISAL

	<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural:	BOTH BRIDGE RAILS BROKEN WITH NORTH RAIL MISSING	5
72. Roadway Alignment:	STRAIGHT - LEVEL - HILL TO EAST	6
36A. Traffic Safety Feat.:	0000B - UNACCEPTABLE/NON-EXISTANT	
36B. Culvert Rail Type:	R - W-SHAPED AND MISC. CONC.	

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/11/2025 / 5 yrs
 63H. Estimated Remaining Life: 20 years
 76. Improvement Length: ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 0,000
 95. Rdwy. Improvement Costs: \$ 0,000
 96A. Total Improvement Costs: \$ 0,000
 96B. Total Maintenance Costs: \$ 20,000

73. Year Needed:
 75. Type of Work: 10 - MAINTENANCE NEEDED
 Description of Work: Install current standard bridge and approach rail. Place riprap along both abutments.

Remarks: Broken bridge rails repaired with W-beam, but south rail hit and W-beam is laying on the ground. Minor spalls and honeycombing on slab. Slab not flush and is offset 1.5" from face of west abutment. Spalling on copings. Horizontal crack on top of west abutment.



**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-061**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING SOUTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-061

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: 150 E (Twin Bridges Road)
 9A. Location: 100 E , 50 S
 9C. Latitude: N 39 Deg 45.287 Min
 Longitude: W -86 Deg 30.261 Min

STRUCTURE DATA

43A. Main Structure Type: 03 CMR-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 42 ft.
 52. Deck or Barrel (o-o): 60.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 9.0 ft.
 49. Structure Length: 15 ft.
 34. Skew: 0 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 2 30A. ADT-Year:

CONDITION

MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: ALUMINUM	7 - GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: RIPRAP	7 - GOOD	65. Appr. Rdwy: ASPHALT	7 - GOOD

APPRAISAL

DEFICIENCIES	RATING
67. Structural: NO MAJOR DEFICIENCIES NOTED	7
72. Roadway Alignment: IN HORIZONTAL CURVE - LEVEL - RIP RAP OVERPASS WITH 1 LANE SIGNAL TO EAST	6
36A. Traffic Safety Feat.: 1111 - ALL FEATURES ACCEPTABLE	
36B. Culvert Rail Type: G - STEEL - M OR W SHAPED	

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/11/2025 / 5 yrs
 63H. Estimated Remaining Life: 30 years
 76. Improvement Length: ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 0,000
 95. Rdwy. Improvement Costs: \$ 0,000
 96A. Total Improvement Costs: \$ 0,000
 96B. Total Maintenance Costs: \$ 0,000

73. Year Needed:
 75. Type of Work: 00 - NO MAJOR WORK NEEDED
 Description of Work: No maintenance needed.

Remarks: Minor impact damage to north end. Outlets into larger creek.

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-063**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-063

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: 150 E
 9A. Location: 150 E , 100 S
 9C. Latitude: N 39 Deg 44.726 Min
 Longitude: W -86 Deg 29.730 Min

STRUCTURE DATA

43A. Main Structure Type: 03 CMR-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 38 ft.
 52. Deck or Barrel (o-o): 50.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 4.1 ft.
 49. Structure Length: 3.8 ft.
 34. Skew: 20 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 2137 30A. ADT-Year:

CONDITION

<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel: STEEL	7 - GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: RIPRAP	7 - GOOD	65. Appr. Rdwy: ASPHALT	6 - SATISFACTORY

APPRAISAL

<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural: NO MAJOR DEFICIENCIES NOTED	7
72. Roadway Alignment: STRAIGHT - ON GRADE - DRIVE AT SOUTHEAST CORNER	8
36A. Traffic Safety Feat.: NNNN - FEATURES NOT REQUIRED	36B. Culvert Rail Type: N - NO RAILING

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/11/2025 / 5 yrs
 63H. Estimated Remaining Life: 30 years
 76. Improvement Length: ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 0,000
 95. Rdwy. Improvement Costs: \$ 0,000
 96A. Total Improvement Costs: \$ 0,000
 96B. Total Maintenance Costs: \$ 0,000

73. Year Needed:
 75. Type of Work: 00 - NO MAJOR WORK NEEDED
 Description of Work: No maintenance needed.

Remarks: Light surface rust along flowline at east end. Minor impact damage at east end. Transverse cracks at structure ends and map cracking on shoulders.



**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-064**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-064

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: 150 E
 9A. Location: 150 E , 150 S
 9C. Latitude: N 39 Deg 44.324 Min
 Longitude: W -86 Deg 29.732 Min

STRUCTURE DATA

43A. Main Structure Type: 03 CMR-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 24 ft.
 52. Deck or Barrel (o-o): 50.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 2.4 ft.
 49. Structure Length: 3.5 ft.
 34. Skew: 30 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 2137 30A. ADT-Year:

CONDITION

<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel: STEEL	5 - FAIR
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: RIPRAP	7 - GOOD	65. Appr. Rdwy: ASPHALT	6 - SATISFACTORY

APPRAISAL

<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural: SURFACE RUST WITH MODERATE EXPANSION RUST ALONG FLOWLINE	5
72. Roadway Alignment: STRAIGHT - IN LARGE SAG CURVE	6
36A. Traffic Safety Feat.: 0000A - NOT CURRENT STANDARDS	36B. Culvert Rail Type: N - NO RAILING

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/11/2025 / 5 yrs
 63H. Estimated Remaining Life: 15 years
 76. Improvement Length: ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 0,000
 95. Rdwy. Improvement Costs: \$ 0,000
 96A. Total Improvement Costs: \$ 0,000
 96B. Total Maintenance Costs: \$ 11,000

73. Year Needed:
 75. Type of Work: 10 - MAINTENANCE NEEDED
 Description of Work: Install current standard approach rail.

Remarks: Slightly out of round. Transverse crack over structure. Map cracking along east shoulder. Drop at outlet.

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-073**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-073

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	06 MA-UF
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF W. FORK WHITE LICK CREEK	108E. Approximate Cover Depth:	0.5 ft.
7. Facility Carried:	TENNESSEE ST	GEOMETRIC DATA	
9A. Location:	000 E/W , 40 S	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 45.293 Min	51. Culvert Rdwy. Width:	26 ft.
Longitude:	W -86 Deg 31.283 Min	52. Deck or Barrel (o-o):	46.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
		48B. Max. Opening Ht.:	8.0 ft.
		49. Structure Length:	8 ft.
		34. Skew:	0 °
		AGE AND SERVICE	
31. Design Load		27A. Year Built:	
64A. Operating Rating:		106A. Reconstructed:	
66A. Inventory Rating:		106B. Repaired:	
66B. Gross Tons or H Rating:		28A. Lanes On Structure:	2 - LANE
64B. Year of Rating:		29A. ADT: 2	30A. ADT-Year:
41. Open, Posted or Closed:			
66C. Tons Posted:			
66D. Date Posted / Closed:			
CONDITION		CONDITION	
MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel:	BRICK 5 - FAIR
59. Super:	N - N/A	62B. Headwalls:	CONCRETE 6 - SATISFACTORY
60. Sub:	N - N/A	62C. Wingwalls:	CONCRETE 6 - SATISFACTORY
61. Channel: RIPRAP	6 - SATISFACTORY	65. Appr. Rdwy:	ASPHALT 7 - GOOD
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	3/4" CRACK IN BRICKS AT EAST END		5
72. Roadway Alignment:	STRAIGHT - ON GRADE		8
36A. Traffic Safety Feat.:	0000B - UNACCEPTABLE/NON-EXISTANT	36B. Culvert Rail Type:	R - W-SHAPED AND MISC. CONC.
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/11/2025 / 5 yrs	73. Year Needed:	
63H. Estimated Remaining Life:	20 years	75. Type of Work:	01 - REPLACEMENT - LOAD / GEOMETRY
76. Improvement Length:	ft.	Description of Work:	Replace structure. Until replacement, install current standard approach rail. Repair erosion at northeast and southeast corner. Place riprap at outlet.
97. Year of Cost Estimate:	2026	Remarks:	Hairline to 3/4" longitudinal/vertical cracks in brick arch. Leaking between bricks. Hairline vertical cracks with leaching on abutments. Some spalls on brick arch. Hairline map cracking with leaching on headwalls, wingwalls and concrete arch at west end. Scour hole at outlet. Heavy erosion at corners, northwest southwest repaired with concrete. Spalls on top of east headwall and wingwalls. Guardrail too low and roadway narrow.
94. Culvert Improvement Costs:	\$ 209,000		
95. Rdwy. Improvement Costs:	\$ 100,000		
96A. Total Improvement Costs:	\$ 309,000		
96B. Total Maintenance Costs:	\$ 14,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-074**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING WEST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-074

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: KENTUCKY AVE
 9A. Location: 30 W , 40 N
 9C. Latitude: N 39 Deg 45.341 Min
 Longitude: W -86 Deg 31.644 Min

STRUCTURE DATA

43A. Main Structure Type: 02 CMP-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 20 ft.
 52. Deck or Barrel (o-o): 46.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 3.0 ft.
 49. Structure Length: 4.5 ft.
 34. Skew: 0 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 2 30A. ADT-Year:

CONDITION

<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel: STEEL	7 - GOOD
59. Super:	N - N/A	62B. Headwalls: CONCRETE	7 - GOOD
60. Sub:	N - N/A	62C. Wingwalls: CONCRETE	7 - GOOD
61. Channel: RIPRAP	7 - GOOD	65. Appr.Rdwy: ASPHALT	5 - FAIR

APPRAISAL

<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural: SURFACE RUST WITH MINOR EXPANSION RUST ALONG FLOWLINE	7
72. Roadway Alignment: STRAIGHT - ON GRADE - REFER TO REMARKS FOR INTERSECTIONS AND DRIVES	8
36A. Traffic Safety Feat.: 0000B - UNACCEPTABLE/NON-EXISTANT	36B. Culvert Rail Type: N - NO RAILING

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/9/2025 / 5 yrs
 63H. Estimated Remaining Life: 30 years
 76. Improvement Length: ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 0,000
 95. Rdwy. Improvement Costs: \$ 0,000
 96A. Total Improvement Costs: \$ 0,000
 96B. Total Maintenance Costs: \$ 13,000

73. Year Needed:
 75. Type of Work: 10 - MAINTENANCE NEEDED
 Description of Work: Clear debris and vegetation. Install current standard approach rail.

Remarks: Deflection in pipe under roadway. Scour hole, debris and vegetation at west end of pipe. Steep shoulders, map cracking, minor potholes and patching on roadway. Intersection at northwest corner. Drives at southwest and northeast corners.



**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-080**



APPROACH LOOKING EAST

APPROACH LOOKING WEST



ELEVATION LOOKING NORTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-080

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: OLD NORTH SALEM RD
 9A. Location: 20 W , 20 N
 9C. Latitude: N 39 Deg 45.870 Min
 Longitude: W -86 Deg 34.552 Min

STRUCTURE DATA

43A. Main Structure Type: 11 RCS
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: 1.3 ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 26 ft.
 52. Deck or Barrel (o-o): 30.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 5.3 ft.
 49. Structure Length: 12 ft.
 34. Skew: 0 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 2 30A. ADT-Year:

CONDITION

	MATERIAL	RATING		MATERIAL	RATING
58. Deck:	CONCRETE	5 - FAIR	62A. Barrel:		N - N/A
59. Super:	CONCRETE	5 - FAIR	62B. Headwalls:		N - N/A
60. Sub:	CONCRETE	5 - FAIR	62C. Wingwalls:		N - N/A
61. Channel:	GRAVEL	7 - GOOD	65. Appr. Rdwy:	ASPHALT	8 - VERY GOOD

APPRAISAL

	DEFICIENCIES	RATING
67. Structural:	SPALLS AND MAP CRACKING ON STRUCTURE	5
72. Roadway Alignment:	STRAIGHT - IN SAG CURVE - DRIVES AT ALL 4 CORNERS	8
36A. Traffic Safety Feat.:	0000A - NOT CURRENT STANDARDS	
36B. Culvert Rail Type:	G - STEEL - M OR W SHAPED	

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/9/2025 / 5 yrs
 63H. Estimated Remaining Life: 20 years
 76. Improvement Length: ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 0,000
 95. Rdwy. Improvement Costs: \$ 0,000
 96A. Total Improvement Costs: \$ 0,000
 96B. Total Maintenance Costs: \$ 11,000

73. Year Needed:
 75. Type of Work: 10 - MAINTENANCE NEEDED
 Description of Work: Install current standard approach rail.

Remarks: Pedestrian bridge north of structure. Spalls and abrasions on walls. Hairline vertical cracks and map cracking on walls. Spalls with exposed rebar and hairline longitudinal cracks with leaching on top slab. Pipes at northeast and southeast corners filled with grout. Newer south headwall has leaching at construction joint.

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-081**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-081

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: NORTHVIEW DR
 9A. Location: 20 W , 30 N
 9C. Latitude: N 39 Deg 45.972 Min
 Longitude: W -86 Deg 31.677 Min

STRUCTURE DATA

43A. Main Structure Type: 03 CMR-UF
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 30 ft.
 52. Deck or Barrel (o-o): 45.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 6.5 ft.
 49. Structure Length: 6.5 ft.
 34. Skew: 0 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 2 30A. ADT-Year:

CONDITION

<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel: STEEL	6 - SATISFACTORY
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: GRAVEL	7 - GOOD	65. Appr. Rdwy: ASPHALT	7 - GOOD

APPRAISAL

<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural: SURFACE RUST WITH MODERATE EXPANSION RUST ALONG FLOWLINE AND SOME BOLTS	6
72. Roadway Alignment: STRAIGHT - IN SAG CURVE - DRIVES AT ALL 4 CORNERS	8
36A. Traffic Safety Feat.: 0000A - NOT CURRENT STANDARDS	36B. Culvert Rail Type: G - STEEL - M OR W SHAPED

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/9/2025 / 5 yrs
 63H. Estimated Remaining Life: 20 years
 76. Improvement Length: ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 0,000
 95. Rdwy. Improvement Costs: \$ 0,000
 96A. Total Improvement Costs: \$ 0,000
 96B. Total Maintenance Costs: \$ 11,000

73. Year Needed:
 75. Type of Work: 10 - MAINTENANCE NEEDED
 Description of Work: Install current standard approach rail.

Remarks: A few small rust holes at west end. Leaching at bolts. Damage to east end of pipe. Minor scour at east end.



**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-082**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-082

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	15 PCR-UF
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF W. FORK WHITE LICK CREEK	108E. Approximate Cover Depth:	0.5 ft.
7. Facility Carried:	HIGH ST	GEOMETRIC DATA	
9A. Location:	40 W , 20 N	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 45.844 Min	51. Culvert Rdwy. Width:	19 ft.
Longitude:	W -86 Deg 31.602 Min	52. Deck or Barrel (o-o):	38.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
		48B. Max. Opening Ht.:	5.0 ft.
		49. Structure Length:	5 ft.
		34. Skew:	0 °
		AGE AND SERVICE	
LOAD RATING AND POSTING		27A. Year Built:	2023
		106A. Reconstructed:	
		106B. Repaired:	
		28A. Lanes On Structure:	2 - LANE
		29A. ADT: 2	30A. ADT-Year:
CONDITION			
<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel: CONCRETE	8 - VERY GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: RIPRAP	7 - GOOD	65. Appr. Rdwy: ASPHALT	7 - GOOD
APPRAISAL			
<u>DEFICIENCIES</u>			<u>RATING</u>
67. Structural:	NO MAJOR DEFICIENCIES NOTED		8
72. Roadway Alignment:	STRAIGHT - IN SAG CURVE - DRIVES AT ALL 4 CORNERS		8
36A. Traffic Safety Feat.:	0000B - UNACCEPTABLE/NON-EXISTANT		
			36B. Culvert Rail Type: N - NO RAILING
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/9/2025 / 5 yrs		
63H. Estimated Remaining Life:	40 years	73. Year Needed:	
76. Improvement Length:	ft.	75. Type of Work: 10 - MAINTENANCE NEEDED	
97. Year of Cost Estimate:	2026	Description of Work: Install current standard approach rail.	
94. Culvert Improvement Costs:	\$ 0,000	Remarks: Minor scour downstream. Minor bank erosion underside.	
95. Rdwy. Improvement Costs:	\$ 0,000		
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 11,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-083**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTHEAST



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-083

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	03 CMR-UF
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF W. FORK WHITE LICK CREEK	108E. Approximate Cover Depth:	2.0 ft.
7. Facility Carried:	ROUND HILL RD	GEOMETRIC DATA	
9A. Location:	60 W , 5 N	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 45.737 Min	51. Culvert Rdwy. Width:	28 ft.
Longitude:	W -86 Deg 31.859 Min	52. Deck or Barrel (o-o):	54.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
		48B. Max. Opening Ht.:	3.0 ft.
		49. Structure Length:	3 ft.
		34. Skew:	10 °
		AGE AND SERVICE	
		27A. Year Built:	
64A. Operating Rating:		106A. Reconstructed:	
66A. Inventory Rating:		106B. Repaired:	
66B. Gross Tons or H Rating:		28A. Lanes On Structure:	2 - LANE
64B. Year of Rating:		29A. ADT: 2	30A. ADT-Year:
41. Open, Posted or Closed:			
66C. Tons Posted:			
66D. Date Posted / Closed:			
CONDITION		CONDITION	
MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: STEEL	6 - SATISFACTORY
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: RIPRAP	7 - GOOD	65. Appr. Rdwy: ASPHALT	7 - GOOD
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	SURFACE RUST WITH MODERATE EXPANSION RUST ALONG FLOWLINE		6
72. Roadway Alignment:	IN HORIZONTAL CURVE - IN SAG CURVE - REFER TO REMARKS FOR INTERSECTIONS AND DRIVES		8
36A. Traffic Safety Feat.:	NNNN - FEATURES NOT REQUIRED		
	36B. Culvert Rail Type: N - NO RAILING		
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/9/2025 / 5 yrs		
63H. Estimated Remaining Life:	20	73. Year Needed:	
76. Improvement Length:	ft.	75. Type of Work: 00 - NO MAJOR WORK NEEDED	
97. Year of Cost Estimate:	2026	Description of Work: No maintenance needed.	
94. Culvert Improvement Costs:	\$ 0,000		
95. Rdwy. Improvement Costs:	\$ 0,000	Remarks: 1 minor rust hole at west end. 2 bulges in top of pipe. Minor debris at west end. Intersections to north and south. Drives at northeast and southeast corners.	
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 0,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-084**



APPROACH LOOKING SOUTHEAST

APPROACH LOOKING WEST



ELEVATION LOOKING NORTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-084

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	03 CMR-UF
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF W. FORK WHITE LICK CREEK	108E. Approximate Cover Depth:	3.0 ft.
7. Facility Carried:	ROUND HILL CT	GEOMETRIC DATA	
9A. Location:	70 W , 10 N	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 45.768 Min	51. Culvert Rdwy. Width:	30 ft.
Longitude:	W -86 Deg 32.116 Min	52. Deck or Barrel (o-o):	126.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
		48B. Max. Opening Ht.:	3.0 ft.
		49. Structure Length:	3 ft.
		34. Skew:	0 °
		AGE AND SERVICE	
LOAD RATING AND POSTING		27A. Year Built:	
		106A. Reconstructed:	
		106B. Repaired:	
		28A. Lanes On Structure:	2 - LANE
		29A. ADT: 2	30A. ADT-Year:
CONDITION			
<u>MATERIAL</u>	<u>RATING</u>	<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	N - N/A	62A. Barrel:	STEEL 6 - SATISFACTORY
59. Super:	N - N/A	62B. Headwalls:	CONCRETE 7 - GOOD
60. Sub:	N - N/A	62C. Wingwalls:	CONCRETE 7 - GOOD
61. Channel: RIPRAP	7 - GOOD	65. Appr. Rdwy:	ASPHALT 5 - FAIR
APPRAISAL			
<u>DEFICIENCIES</u>			<u>RATING</u>
67. Structural:	SURFACE RUST WITH MINOR TO MODERATE EXPANSION RUST		6
72. Roadway Alignment:	IN HORIZONTAL CURVE - ON GRADE - REFER TO REMARKS FOR INTERSECTIONS AND DRIVES		4
36A. Traffic Safety Feat.:	NNNN - FEATURES NOT REQUIRED		
			36B. Culvert Rail Type: N - NO RAILING
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/9/2025 / 5 yrs		
63H. Estimated Remaining Life:	20	73. Year Needed:	
76. Improvement Length:	ft.	75. Type of Work:	00 - NO MAJOR WORK NEEDED
97. Year of Cost Estimate:	2026	Description of Work: No maintenance needed.	
94. Culvert Improvement Costs:	\$ 0,000	Remarks: Rust holes at north end. Pipe settled at roadway drains. Map cracking and transverse cracks on roadway. Intersections to east and west. Drives at northeast, southwest and southeast corners.	
95. Rdwy. Improvement Costs:	\$ 0,000		
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 0,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-086**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-086

IDENTIFICATION		STRUCTURE DATA	
1. State:	INDIANA	43A. Main Structure Type:	15 PCR-UF
3. County:	HENDRICKS	43C. Main Widening Type:	
4A. Township:	CENTER	45. Number of Spans-Main:	1 - SPAN
4B. City:	DANVILLE	108A. Wearing Surface:	ASPHALT
6. Features Intersected:	BR. OF W. FORK WHITE LICK CREEK	108E. Approximate Cover Depth:	20.0 ft.
7. Facility Carried:	TERRY KIRT	GEOMETRIC DATA	
9A. Location:	100 E , 10 N	32. Appr. Rdwy. Width:	ft.
9C. Latitude:	N 39 Deg 45.729 Min	51. Culvert Rdwy. Width:	28 ft.
Longitude:	W -86 Deg 32.183 Min	52. Deck or Barrel (o-o):	168.0 ft.
LOAD RATING AND POSTING		48A. Span or Barrel Width:	ft.
		48B. Max. Opening Ht.:	4.0 ft.
		49. Structure Length:	4 ft.
		34. Skew:	0 °
		AGE AND SERVICE	
		27A. Year Built:	
64A. Operating Rating:		106A. Reconstructed:	
66A. Inventory Rating:		106B. Repaired:	
66B. Gross Tons or H Rating:		28A. Lanes On Structure:	2 - LANE
64B. Year of Rating:		29A. ADT: 2	30A. ADT-Year:
41. Open, Posted or Closed:			
66C. Tons Posted:			
66D. Date Posted / Closed:			
CONDITION		CONDITION	
MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: CONCRETE	7 - GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: RIPRAP	5 - FAIR	65. Appr. Rdwy: ASPHALT	7 - GOOD
APPRAISAL			
DEFICIENCIES			RATING
67. Structural:	NO MAJOR DEFICIENCIES NOTED		7
72. Roadway Alignment:	STRAIGHT - ON GRADE - INTERSECTION AT SOUTHEAST CORNER		8
36A. Traffic Safety Feat.:	1111 - ALL FEATURES ACCEPTABLE	36B. Culvert Rail Type: G - STEEL - M OR W SHAPED	
PROPOSED IMPROVEMENTS			
90A/B. Inspection Date/Interval:	12/9/2025 / 5 yrs		
63H. Estimated Remaining Life:	30 years	73. Year Needed:	
76. Improvement Length:	ft.	75. Type of Work: 10 - MAINTENANCE NEEDED	
97. Year of Cost Estimate:	2026	Description of Work:	Repair erosion at southwest bank. Repair southeast curved guardrail end treatment.
94. Culvert Improvement Costs:	\$ 0,000	Remarks:	Map cracking on roadway that have been sealed. Southeast curved guardrail end treatment damaged. Neighbors stated pipe is undersized during heavy rain. Minor scour hole at west end. Heavy bank erosion at southwest corner.
95. Rdwy. Improvement Costs:	\$ 0,000		
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 3,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-087**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-087

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: BLAKE ST
 9A. Location: 5 W , 35 S
 9C. Latitude: N 39 Deg 45.313 Min
 Longitude: W -86 Deg 29.794 Min

STRUCTURE DATA

43A. Main Structure Type: 09A RCB
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 21 ft.
 52. Deck or Barrel (o-o): 105.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 5.0 ft.
 49. Structure Length: 8 ft.
 34. Skew: 60 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built: 2004
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 1087 30A. ADT-Year:

CONDITION

MATERIAL	RATING	MATERIAL	RATING
58. Deck:	N - N/A	62A. Barrel: CONCRETE	7 - GOOD
59. Super:	N - N/A	62B. Headwalls:	N - N/A
60. Sub:	N - N/A	62C. Wingwalls:	N - N/A
61. Channel: RIPRAP	7 - GOOD	65. Appr. Rdwy: ASPHALT	7 - GOOD

APPRAISAL

DEFICIENCIES	RATING
67. Structural: NO MAJOR DEFICIENCIES NOTED	7
72. Roadway Alignment: STRAIGHT - ON GRADE - DRIVE AT SOUTHWEST CORNER	8
36A. Traffic Safety Feat.: NNNN - FEATURES NOT REQUIRED	
36B. Culvert Rail Type: N - NO RAILING	

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval: 12/9/2025 / 5 yrs
 63H. Estimated Remaining Life: 30 years
 76. Improvement Length: ft.
 97. Year of Cost Estimate: 2026
 94. Culvert Improvement Costs: \$ 0,000
 95. Rdwy. Improvement Costs: \$ 0,000
 96A. Total Improvement Costs: \$ 0,000
 96B. Total Maintenance Costs: \$ 0,000

73. Year Needed:
 75. Type of Work: 00 - NO MAJOR WORK NEEDED
 Description of Work: No maintenance needed.

Remarks: No major deficiencies noted.

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-088**



APPROACH LOOKING EAST

APPROACH LOOKING WEST



ELEVATION LOOKING NORTH

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-088

IDENTIFICATION

1. State: INDIANA
 3. County: HENDRICKS
 4A. Township: CENTER
 4B. City: DANVILLE
 6. Features Intersected: BR. OF W. FORK WHITE LICK CREEK
 7. Facility Carried: MILL ST
 9A. Location: 10 W , 20 S
 9C. Latitude: N 39 Deg 45.440 Min
 Longitude: W -86 Deg 30.300 Min

STRUCTURE DATA

43A. Main Structure Type: 19 ESB
 43C. Main Widening Type:
 45. Number of Spans-Main: 1 - SPAN
 108A. Wearing Surface: ASPHALT
 108E. Approximate Cover Depth: 1.0 ft.

GEOMETRIC DATA

32. Appr. Rdwy. Width: ft.
 51. Culvert Rdwy. Width: 21 ft.
 52. Deck or Barrel (o-o): 35.0 ft.
 48A. Span or Barrel Width: ft.
 48B. Max. Opening Ht.: 4.0 ft.
 49. Structure Length: 12 ft.
 34. Skew: 20 °

LOAD RATING AND POSTING

31. Design Load
 64A. Operating Rating:
 66A. Inventory Rating:
 66B. Gross Tons or H Rating:
 64B. Year of Rating:
 41. Open, Posted or Closed:
 66C. Tons Posted:
 66D. Date Posted / Closed:

AGE AND SERVICE

27A. Year Built:
 106A. Reconstructed:
 106B. Repaired:
 28A. Lanes On Structure: 2 - LANE
 29A. ADT: 2 30A. ADT-Year:

CONDITION

	<u>MATERIAL</u>	<u>RATING</u>		<u>MATERIAL</u>	<u>RATING</u>
58. Deck:	CONCRETE	6 - SATISFACTORY	62A. Barrel:		N - N/A
59. Super:	STEEL	6 - SATISFACTORY	62B. Headwalls:		N - N/A
60. Sub:	CONCRETE	7 - GOOD	62C. Wingwalls:		N - N/A
61. Channel:	RIPRAP	7 - GOOD	65. Appr. Rdwy:	ASPHALT	7 - GOOD

APPRAISAL

	<u>DEFICIENCIES</u>	<u>RATING</u>
67. Structural:	SPALLS WITH BOTTOM OF BEAMS EXPOSED AT BOTH COPINGS AND AT CENTERLINE	6
72. Roadway Alignment:	STRAIGHT - LEVEL - REFER TO REMARKS FOR INTERSECTIONS AND DRIVES	6
36A. Traffic Safety Feat.:	0000B - UNACCEPTABLE/NON-EXISTANT	
36B. Culvert Rail Type:	K - OTHER - NON STANDARD	

PROPOSED IMPROVEMENTS

90A/B. Inspection Date/Interval:	12/9/2025 / 5 yrs	73. Year Needed:	
63H. Estimated Remaining Life:	30 years	75. Type of Work:	10 - MAINTENANCE NEEDED
76. Improvement Length:	ft.	Description of Work:	Install current standard bridge and approach rail.
97. Year of Cost Estimate:	2026		
94. Culvert Improvement Costs:	\$ 0,000	Remarks:	Steel beams encased in concrete pipe south of structure. Bottom of exposed steel beams have light surface rust. Hairline vertical cracks on abutments. Minor abrasion on abutments at waterline. Honeycombing throughout structure. Vertical and horizontal cracks on headwalls and wingwalls. Intersection to east and west. Drives at northwest, southwest, and southeast corners.
95. Rdwy. Improvement Costs:	\$ 0,000		
96A. Total Improvement Costs:	\$ 0,000		
96B. Total Maintenance Costs:	\$ 18,000		

**TOWN OF DANVILLE
SMALL STRUCTURE NO. CE-089**



APPROACH LOOKING NORTH

APPROACH LOOKING SOUTH



ELEVATION LOOKING EAST

STRUCTURE INVENTORY AND APPRAISAL REPORT

SMALL STRUCTURE NO. CE-089

IDENTIFICATION			STRUCTURE DATA		
1. State:	INDIANA		43A. Main Structure Type:	19	ESB
3. County:	HENDRICKS		43C. Main Widening Type:		
4A. Township:	CENTER		45. Number of Spans-Main:	1	- SPAN
4B. City:	DANVILLE		108A. Wearing Surface:	ASPHALT	
6. Features Intersected:	BR. OF W. FORK WHITE LICK CREEK		108E. Approximate Cover Depth:	1.0	ft.
7. Facility Carried:	JEFFERSON ST		GEOMETRIC DATA		
9A. Location:	5 W , 25 S		32. Appr. Rdwy. Width:	ft.	
9C. Latitude:	N 39 Deg	45.397 Min	51. Culvert Rdwy. Width:	28	ft.
Longitude:	W -86 Deg	31.368 Min	52. Deck or Barrel (o-o):	35.0	ft.
LOAD RATING AND POSTING			48A. Span or Barrel Width:	ft.	
31. Design Load			48B. Max. Opening Ht.:	3.5	ft.
64A. Operating Rating:			49. Structure Length:	16	ft.
66A. Inventory Rating:			34. Skew:	0	°
66B. Gross Tons or H Rating:			AGE AND SERVICE		
64B. Year of Rating:			27A. Year Built:		
41. Open, Posted or Closed:			106A. Reconstructed:		
66C. Tons Posted:			106B. Repaired:		
66D. Date Posted / Closed:			28A. Lanes On Structure:	2	- LANE
			29A. ADT: 2	30A. ADT-Year:	
CONDITION			CONDITION		
MATERIAL	RATING		MATERIAL	RATING	
58. Deck: CONCRETE	6 - SATISFACTORY		62A. Barrel:	N - N/A	
59. Super: STEEL	6 - SATISFACTORY		62B. Headwalls:	N - N/A	
60. Sub: CONCRETE	7 - GOOD		62C. Wingwalls:	N - N/A	
61. Channel: SILT	6 - SATISFACTORY		65. Appr. Rdwy: ASPHALT	8 - VERY GOOD	
APPRAISAL			APPRAISAL		
DEFICIENCIES			DEFICIENCIES		RATING
67. Structural:	SPALL WITH EXPOSED BEAM AT WEST COPING				6
72. Roadway Alignment:	STRAIGHT - ON GRADE - DEAD END ROAD - INTERSECTION TO NORTH - DRIVES AT ALL 4 CORNERS				8
36A. Traffic Safety Feat.:	0000B - UNACCEPTABLE/NON-EXISTANT		36B. Culvert Rail Type:	K - OTHER - NON STANDARD	
PROPOSED IMPROVEMENTS			PROPOSED IMPROVEMENTS		
90A/B. Inspection Date/Interval:	12/9/2025 / 5 yrs		73. Year Needed:		
63H. Estimated Remaining Life:	30	years	75. Type of Work:	10	- MAINTENANCE NEEDED
76. Improvement Length:	ft.		Description of Work:	Install current standard bridge and approach rail.	
97. Year of Cost Estimate:	2026				
94. Culvert Improvement Costs:	\$	0,000	Remarks:	Exposed beam at west coping has surface rust with moderate expansion rust. Minor spalls on bottom of deck. Hairline vertical cracks on abutments. Minor abrasion on north abutment. Spall on west end of north abutment. Horizontal crack with missing mortar on east headwall. Hairline vertical crack and minor spalls on top of headwalls.	
95. Rdwy. Improvement Costs:	\$	0,000			
96A. Total Improvement Costs:	\$	0,000			
96B. Total Maintenance Costs:	\$	19,000			