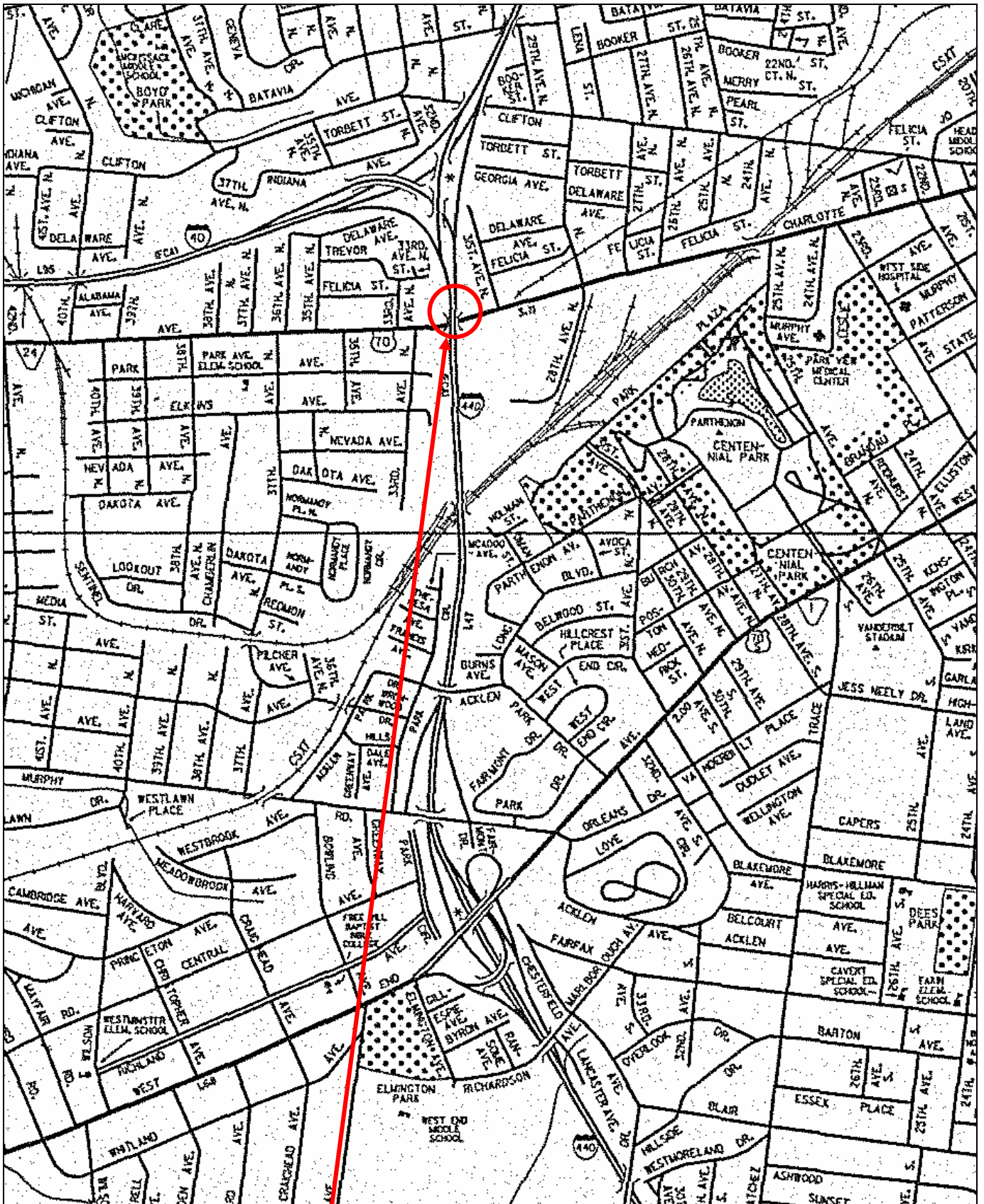


DAVIDSON COUNTY



19I0440002
19-I0440-0.36 LT
1440 LL/CHARLOTTE AVE

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BRIDGE MAINTENANCE RECOMMENDATIONS



Tennessee Department of Transportation

COUNTY: DAVIDSON
 LOCATION: 19-I0440-00.36-L
 CO. SEQ.: 1 SPEC. CASE: 0
 MILEPOST: 0.27

CROSSING: I440-LL / CHARLOTTE AVE.
 FED. BRIDGE NO.: 19I04400002
 MAINT. DIST.: 19

REPAIR LIST NO.: N
 DATE ADDED:
 REVISED: 02/24/2014

FACILITY CARRIED:	I440	NUMBER OF MAIN SPANS:	3
HIGHWAY SYSTEM:	02-INTERSTATE URBAN	NUMBER OF APPROACH SPANS:	0
BRIDGE WIDTH (CURB TO CURB):	58 FT 8 IN	BRIDGE LENGTH (FT):	181
BRIDGE WIDTH (OUT TO OUT):	60 FT 8 IN	MAXIMUM SPAN LENGTH (FT):	100
APPROACH ROADWAY (W/SHOULDERS):	54 FT 1 IN	SKEW ANGLE (DEGREES):	76
MAINTAINED BY:	STATE HIGHWAY AGENCY		
MAIN SPAN MATERIAL:	CONCRETE CONTINUOUS		
MAIN SPAN DESIGN TYPE:	FRAME (EXCEPT FRAME CULVERTS)		
APPROACH SPAN MATERIAL:	OTHER OR NOT APPLICABLE		
APPROACH SPAN DESIGN TYPE:	OTHER OR NOT APPLICABLE		
INSPECTION DATE:	02/22/2016	GENERAL CONDITION:	FAIR
EVALUATION DATE:	05/08/2014	STRUCTURALLY DEFICIENT:	NO
PPRM PIN NUMBER:		SUFFICIENCY RATING:	83.0
H TRUCK RATING @ INV.:	20 TONS		

No.	RECOMMENDATIONS	REPAIR DATE	REPAIRED BY
1.	REPLACE APPROACH GUARDRAIL @ 'B' END RIGHT		

SUGGESTED ROUTINE MAINTENANCE AND COMMENTS
SEAL CONCRETE WEARING SURFACE
APPROACH GUARDRAIL TERMINALS ARE SUBSTANDARD
REPAIR APPROACH A/C 'A' & 'B' ENDS

GENERAL COMMENTS:



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

Bridge Condition Coding Form

Revised 02/22/2016

Bridge Number: 19I044000021
(Includes Item 5A)

Feature Intersected: I440-LL / CHARLOTTE AVE.

Evaluation Status: CONDITION ITEM CHANGE

County: 19

Route: I0440

Special Case: 0

County Sequence: 1

Log Mile: 0.36

CODE ONLY THOSE VALUES WHICH HAVE CHANGED

ITEM #	DESCRIPTION	VALUE	CONDITION CODING GUIDELINES
90	LAST INSPECTION DATE	02/22/2016	(Values for Coding Items 58, 59, 60 and 62)
	EARLIEST DATE OF NEXT REGULAR INSPECTION	12/23/2017	
		<u> / /</u>	
10	MINIMUM V.C. OVER DECK (ROADWAY + SHOULDERS)	99 FT. 99 IN.	N NOT APPLICABLE 9 EXCELLENT CONDITION 8 VERY GOOD CONDITION - NO PROBLEMS NOTED. 7 GOOD CONDITION - SOME MINOR PROBLEMS. 6 SATISFACTORY CONDITION - MINOR DETERIORATION OF STRUCTURAL ELEMENTS. 5 FAIR CONDITION - ALL PRIMARY STRUCTURAL ELEMENTS ARE SOUND BUT MAY HAVE MINOR SECTION LOSS, CRACKING, SPALLING OR SCOUR. 4 POOR CONDITION - ADVANCED SECTION LOSS, DETERIORATION, SPALLING OR SCOUR. 3 SERIOUS CONDITION - LOSS OF SECTION, DETERIORATION, SPALLING OR SCOUR HAVE SERIOUSLY AFFECTED PRIMARY STRUCTURAL COMPONENTS. LOCAL FAILURES ARE POSSIBLE. FATIGUE CRACKS IN STEEL OR SHEAR CRACKS IN CONCRETE MAY BE PRESENT. 2 CRITICAL CONDITION - ADVANCED DETERIORATION OF PRIMARY STRUCTURAL ELEMENTS. FATIGUE CRACKS IN STEEL OR SHEAR CRACKS IN CONCRETE MAY BE PRESENT OR SCOUR MAY HAVE REMOVED SUBSTRUCTURE SUPPORT. UNLESS CLOSELY MONITORED IT MAY BE NECESSARY TO CLOSE THE BRIDGE UNTIL CORRECTIVE ACTION IS TAKEN. 1 "IMMINENT" FAILURE CONDITION - MAJOR DETERIORATION OR SECTION LOSS PRESENT IN CRITICAL STRUCTURAL COMPONENTS OR OBVIOUS VERTICAL OR HORIZONTAL MOVEMENT AFFECTING STRUCTURAL STABILITY. BRIDGE IS CLOSED TO TRAFFIC BUT CORRECTIVE ACTION MAY PUT IT BACK IN LIGHT SERVICE.
520	MINIMUM V.C. OVER DECK (EXCLUDES SHOULDERS)	99 FT. 99 IN.	
36	TRAFFIC SAFETY FEATURES		
	Br. Rail Trans. Appr. Rail Terminal SPEED LIMIT		
	1 0 0 0 55		
	<u> </u> <u> </u> <u> </u> <u> </u> <u> </u>		
41	STRC OPEN/CLOSED/POSTED	A	
	A K P	<u> </u>	
58	DECK	6	
		<u> </u>	
59	SUPERSTRUCTURE	7	
		<u> </u>	
60	SUBSTRUCTURE	7	
		<u> </u>	
61	CHANL/CHANL PROTECTION	N	
		<u> </u>	
62	CULVERT AND RETAIN WALL	N	
		<u> </u>	
71	WATERWAY ADEQUACY	N	
		<u> </u>	
72	APPROACH RDWY ALIGNMENT	8	
		<u> </u>	
521	OVERALL CONDITION	FAIR	
		<u> </u>	
16	LATITUDE	17 LONGITUDE	0 FAILED CONDITION - OUT OF SERVICE AND BEYOND CORRECTIVE ACTION.
	N 36° 9.1920'	W 86° 49.3610'	
	<u> </u> <u> </u>	<u> </u> <u> </u>	
	<u> </u> <u> </u>	<u> </u> <u> </u>	

TEAM LEADER SIGNATURE

REVIEW DATE

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Photographs

Bridge ID#: 19I04400002

Date: 02/22/2016



APPROACH "B"



VIEW ACROSS TOP OF WEARING SURFACE

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Date: 02/22/2016



APPROACH "A"



APPR. "B" END JOINT PAVED OVER

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Bridge ID#: 19I04400002

Date: 02/22/2016



GUARDRAIL "B" END RT. W/ CORROSION



WEARING SURFACE SP. #3 W/ SCALE & CRACKS

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Bridge ID#: 19I04400002

Date: 02/22/2016



WEARING SURFACE SP. #1 W/ SCALE & CRACKS



APPR. "A" END PAVEMENT W/ POTHLES

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Date: 02/22/2016



ABUTMENT #1



BRIDGE NO.

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Bridge ID#: 19I04400002

Date: 02/22/2016



BTM DECK VIEW SP. #2



CLEARANCE VIEW LT. SIDE

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Bridge ID#: 19I04400002

Date: 02/22/2016



VIEW LOOKING EAST ON CHARLOTTE AVE.



VIEW LOOKING WEST ON CHARLOTTE AVE.

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Bridge ID#: 19I04400002

Date: 02/22/2016



BENT #2 - FRONT VIEW



DECK PANEL BAY "B" SP. #3 W/ CRACK

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Photographs

Bridge ID#: 19I04400002

Date: 02/22/2016



DECK PANEL BAY "A" SP. #3 W/ CRACK

BRIDGE INSPECTION REPORT

Page No. _____

Form BIR 3.0
(Rev. 9-22-98)
DT-0069

Field Report No. 21 Date 2/22/2016
Previous Report No. 20 Date 2/24/2014
Plans: DESIGN

Bridge No. 19I04400002
Eleven Digit No.

Bridge Location No. 19 - I0440 - 0.36 L
Co. Route Log Mile

I440 LL over CHARLOTTE AVE.*
Road Name Crossing Structure Name (If Named)

Year Constructed 1985 ACTUAL County Davidson Maintenance District 37

Year Widened _____ Year Rehabilitated _____

FEATURES

Wearing Surface CONCRETE Depth _____ (in.)

Flared Width YES Median Width OPEN

Navigational Control NO Bridge Skew 76° RT

Structure Type (Main Span) HBB

Structure Type (Appr.Spans) _____

No. Main Spans 3 No. Approach Spans _____

Maximum Span Length 100 (**.* ft.)

Total Length 181 (**.* ft.)

INSPECTORS

1. BILLINGSLEY TL
2. VOGEL
3. BROWN
4. LOVE
5. _____
6. _____
7. _____
8. _____

WIDTHS (*.* ft.)

Deck Out-to-Out 60.9

Roadway Curb/Curb _____

Roadway Rail/Rail 58.9'

Sidewalk Rt. _____ Lt. _____

*Approach Roadway 36

*(Does Not Include Shoulders)

Approach Shoulder Rt. 6

Lt. _____

CLEARANCES

Min. Vertical Clearance over Deck _____ (ft.-in.)

Min. Vertical Under Clearance 15-9 (ft.-in.)

Min. Lateral Under Clearance Rt. 19.5 (*.* ft.)

Min. Lateral Under Clearance Lt. _____ (*.* ft.)

FRACTURE CRITICAL: NO

(If Yes, Include BIR 3.9)

NBIS Bridge Length (<25 ft.) _____ > 25 _____ (ft.-in.)

UNDERWATER INSPECTION

To Be Performed By: NA Date _____

Change in Structural Condition: NO Major Repairs Made: NO BRIDGE is: OPEN

COMMENTS:

Supervising Bridge Inspector: GEREMY BILLINGSLEY

BRIDGE RATING: GOOD

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PERFORMANCE EVALUATION

Time of Day Inspected 9:40 AM Weather Conditions CLDY 52
Vehicles Observed ALL

LIVE LOAD BEHAVIOR

Substructure	Yes/No	Comments
Horiz./ Vert. Defl.	YES	
Vibration	NO	
Superstructure		
Horiz./ Vert. Defl.	NO	
Vibration	NO	

APPROACH

	Rating	Comments
Alignment	GOOD	
Slab	NV	PAVED OVER
Joints	NV	PAVED OVER
Pavement	POOR	POTHoles UP TO 2' X 1' X 1" DP, MOD SETTLEMENT
Embankment	GOOD	
Drains	NA	

TRAFFIC SAFETY FEATURES

	Rating	Standard/ SubStandard	Comments
Bridgerailing	GOOD	STANDARD	
Transitions	FAIR	SUBSTANDARD	INCORRECT BLOCKOUTS, RUST/CORR 'B' END RT.
Guardrail	FAIR	SUBSTANDARD	INCORRECT BLOCKOUTS, RUST/CORR. 'B' END RT.
Guardrail Terminal	NA		

SIGNING

	Yes/ No/ Needed
Paddleboards	NO
Vertical Clearance (<14'-6")	NO
Narrow Bridge Signs	NO
One Lane Bridge Signs	NO

Weight Limit Posted NO
Gross..... _____ Tons
2 Axle..... _____ Tons
3 or more Axles.. _____ Tons

Other Signs or Plaques:

Comments Regarding any
Problems with Signing:

DECK

	Rating	Comments
Wearing Surface	FAIR	CONCRETE- 1/16" TRANSVERSE & LONGIT. CRACKS, AGG POPOUTS, MOD SURFACE SCALE
Deck - Structural Condition	GOOD	SP #1 H.L. TRANSV CRACKS BAY 'A' PANEL #5
Curbs	NA	
Median	NA	
Sidewalks	NA	
Parapet	GOOD	LGH-SURFACE SCALE
Railing	NA	
Paint	NA	
Drains	NA	
Lighting Standards	GOOD	MOD RUST AT BASE
Utilities	NA	
Joint Leakage	GOOD	
Expansion Joints	NV	PAVED OVER

SUPERSTRUCTURE

Bearing Devices	NA	
Girders or Beams	GOOD	SP #1 BM'S VERT. & HORIZ HAIRLINE CRACKS 8' FROM ABUT, SP #2 BM 'E' LGH IMPACT DAMAGE, BM 'C' SP #2 DIAG. H.C. W/EFF.
Floor Beams	NA	
Stringers	NA	
Diaphragms	GOOD	
Bracing	NA	
Trusses - General	NA	
Portals	NA	
Bracing	NA	
Paint	NA	
Alignment of Members	GOOD	

TEXTURE COAT

Condition Rating NA Needs Spot Painting
 Overall Appearance Needs Repainting
 Staining Rating Comments
 Fading Rating
 Scaling Rating

SUBSTRUCTURE

ABUTMENTS

	Rating	Comments
Caps	GOOD	
Breastwall	NA	
Wings	GOOD	
Backwall	NV	
Plumb	GOOD	
Footing	NA	
Piles	NV	
Embankment	GOOD	3" SETTLEMENT @ ABUT #2 LT WING
Bearing Surface	GOOD	
Slope Paving	GOOD	
Rip Rap	NA	

PIERS

Caps	NA	
Columns		
Plumb		
Footings		
Piles		
Bearing Surface		

BENTS

Caps	GOOD	CAP BEAM-LONGIT. H.L. CRACKS
Columns	GOOD	PATCHES W/ H.L. CRACKS, BENT #2-SPALL W/EXP. STL.
Plumb	GOOD	
Footings	NV	
Piles	NV	
Bearing Surface	GOOD	

Piles Need Replacement: NO

Piles To Be Replaced:

SUMMARY
19-I440-0.36 LT
2/22/2016

I440/SR24-10.11
3 Span/P.P.C.B.B.

This bridge was inspected and found to be in **fair** condition. Approach alignment and embankment are good. Approach slabs are paved over. Approach pavement is poor with potholes and settlement. Bridge rail is good and standard light surface scale.

Approach rails are poor but substandard with moderate-heavy corrosion at 'B' end right.

The concrete wearing surface is fair with 1/16-1/8" cracks, moderate surface scale, and aggregate popouts. Bottom deck panels are good. However; span #1 bay 'A' panel #3 has hairline transverse cracks. Open type joints with membrane are poor with filler loss.

Beams are good. Beams 'A' and 'B' span #1 have vertical and horizontal hairling cracks near abutment.

Abutments and bents are good.

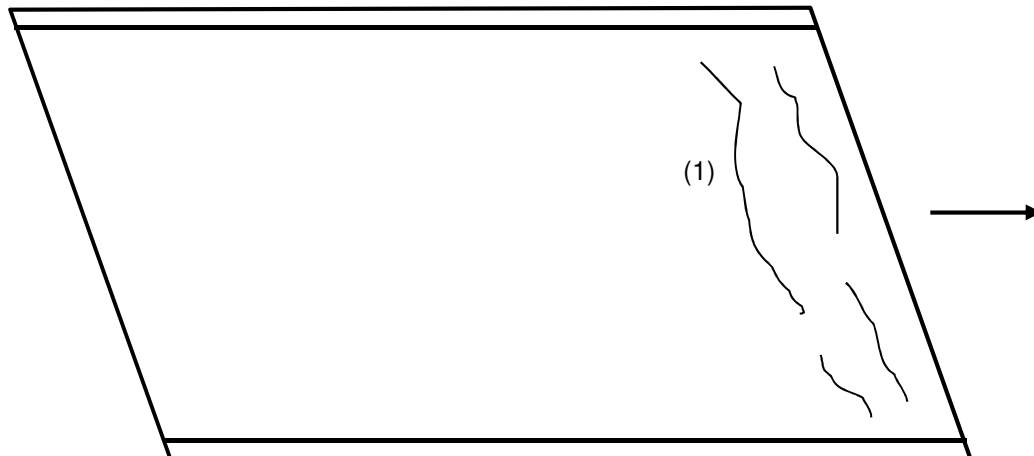
Underpass pier protection is non-existent. The maximum distance to the nearest bent from the through roadway is 13.0'.

Jeremy Billingsley

Top of Deck Span No. 1

Date 2/22/2016
GB

Bridge Location No. 19 I440 0.36 LT.
County Route Log Mile



DECK	FAIR	(1) 1/16" TRANSV. CRACKS OVER SUPPORTS, MOD SURFACE
		SCALE, AGG POPOUTS
PARAPET	GOOD	LIGHT SCALE
JOINTS	N/V	PAVED OVER

Top of Deck Span No. 2

Date 2/22/2016
GB

Bridge Location No. 19 I440 0.36 LT.
County Route Log Mile

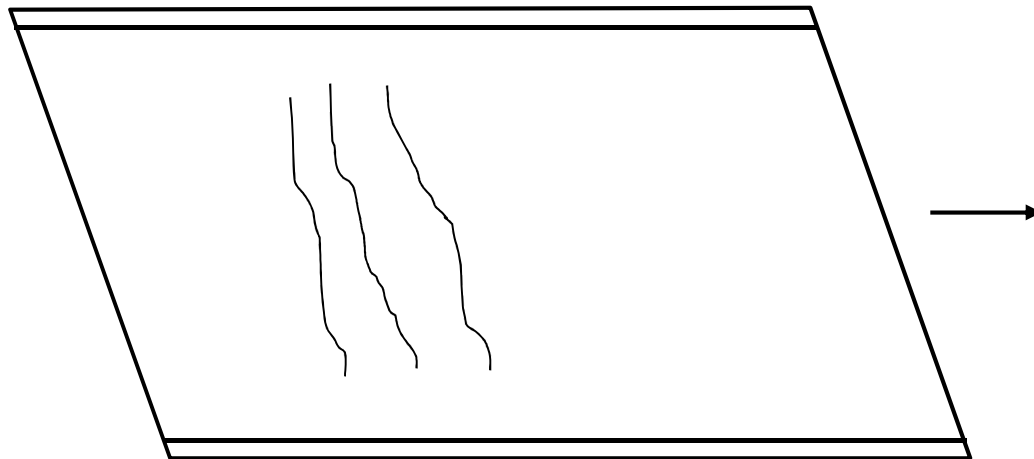


DECK	FAIR	LGH TRANSV. H.C., MOD SURFACE, AGG POPOUTS
PARAPET	GOOD	LGT SCALE

Top of Deck Span No. 3

Date 2/22/2016
GB

Bridge Location No. 19 I440 0.36 LT.
County Route Log Mile

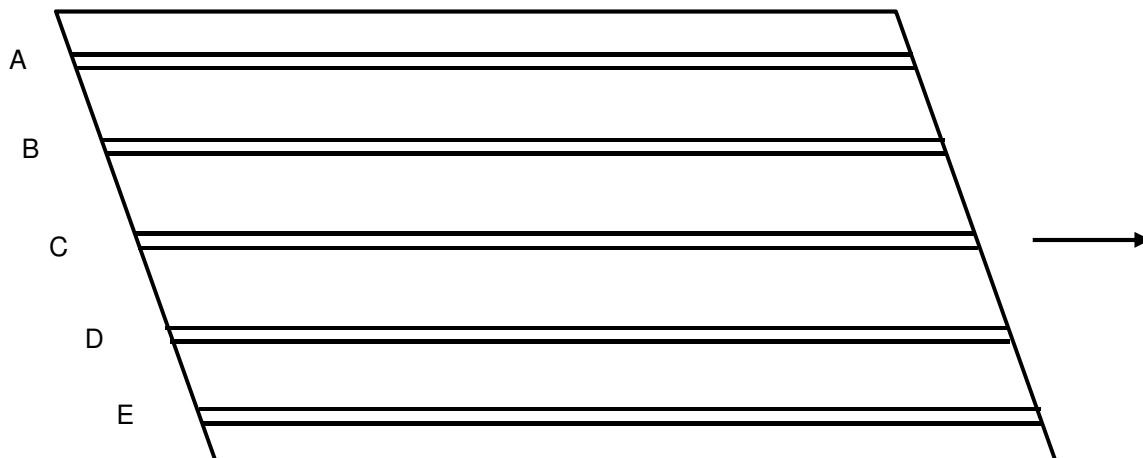


DECK	FAIR	(1) 1/16" TRANSV. CRACKS OVER SUPPORTS, MOD SURFACE SCALE
		AGG POPOUTS
PARAPET	GOOD	LIGHT SCALE
JOINTS	NV	PAVED OVER

Bottom of Slab Span No. 1

Date 2/22/2016
JB

Bridge Location No. 19 I440 0.36 LT.
County Route Log Mile

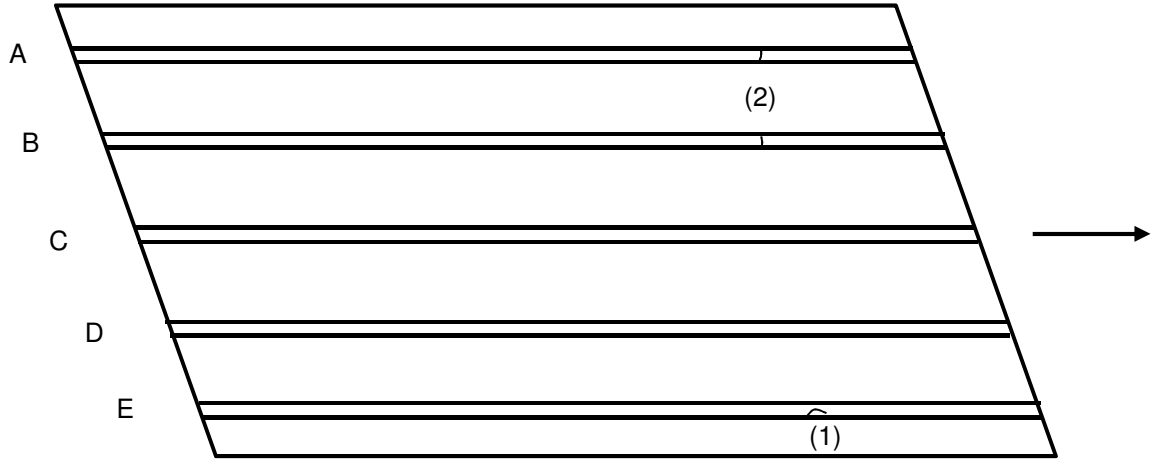


DECK	GOOD	H/L TRANSV CRACK, PANEL 3, BAY 'A', PANEL 3 BAY 'C'
DIAPHRAGMS	GOOD	
BEAMS	GOOD	LGT VERT & HORIZ H.L. CRACKS @ ALL BEAMS, 8'-10' FROM ABUT #1
OVERHANG	GOOD	

Bottom of Slab Span No. 2

Date 2/22/2016
JB

Bridge Location No. 19 I440 0.36 LT.
County Route Log Mile

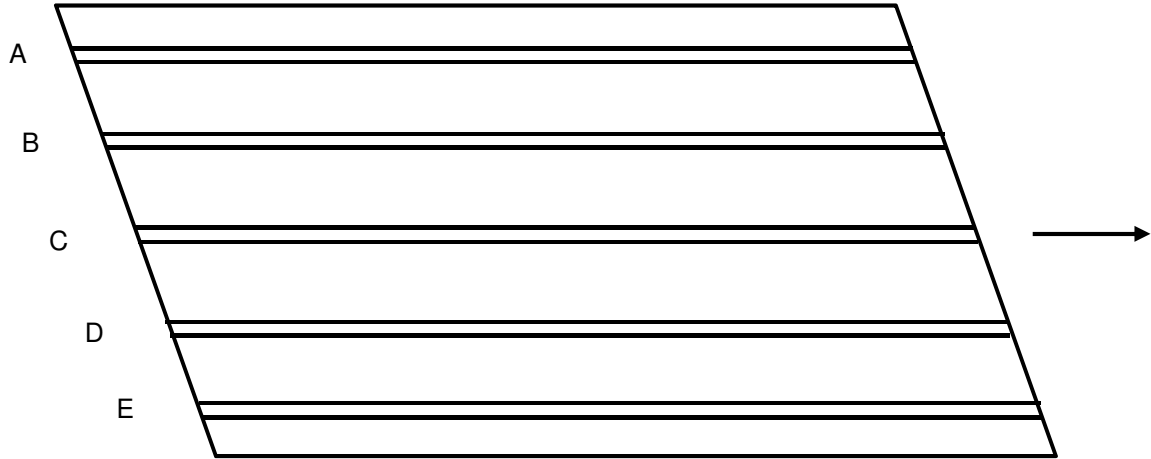


DECK	GOOD	
DIAPHRAGMS	GOOD	
BEAMS	GOOD	
"E"	GOOD	(1) COLL. SCRAPES & SM. 1/4" DP B.O.
		(2) LIGHT H.L. CRACKS ON BOTT. OF BMS & SIDE BEAMS @ REPAIRS
"C"	GOOD	DIAG. H.C. W/EFF. 30' FROM BNT #1 RT
OVERHANG	GOOD	

Bottom of Slab Span No. 3

Date 2/22/2016
JB

Bridge Location No. 19 I440 0.36 LT.
County Route Log Mile

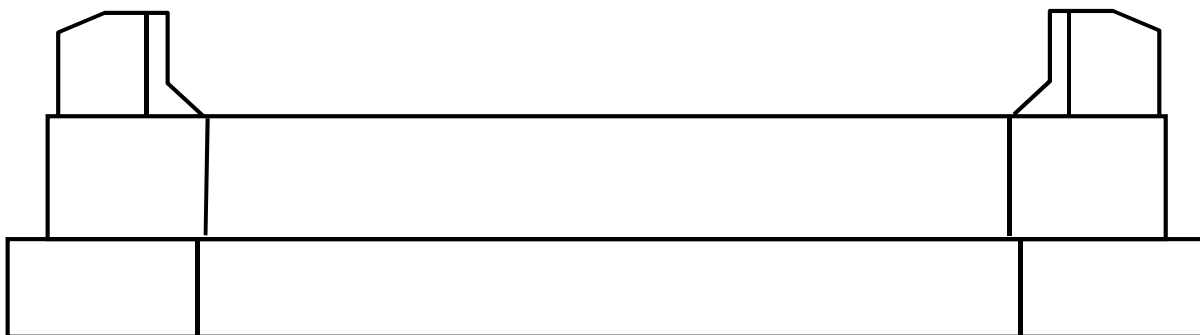


DECK	GOOD	
DIAPHRAGMS	GOOD	
BEAMS	GOOD	VERT. H.C.'S ALL BEAMS, HORIZ H.C.'S BEAMS 'D' & 'E'
OVERHANG	GOOD	

Abutment No. 1

Date 2/22/2016
JV

Bridge Location No. 19 I440 0.36 LT.
County Route Log Mile

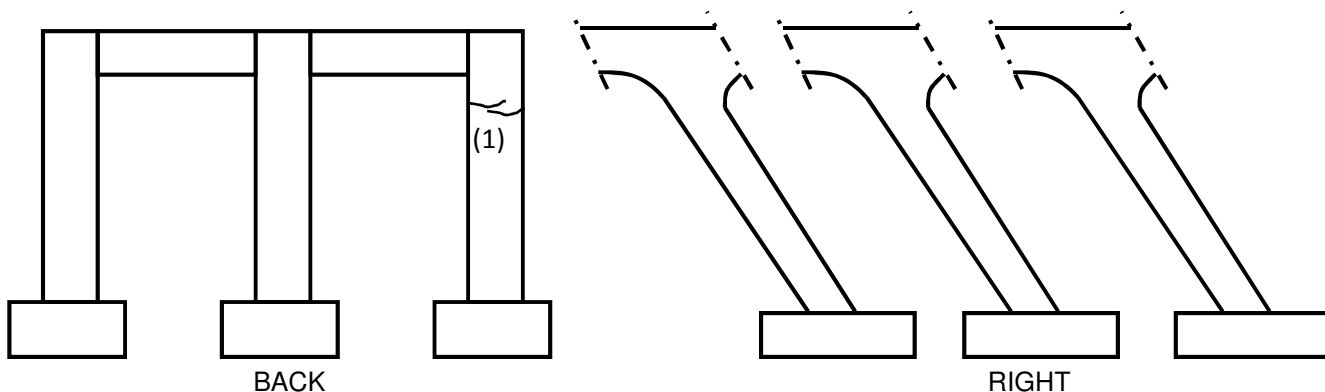
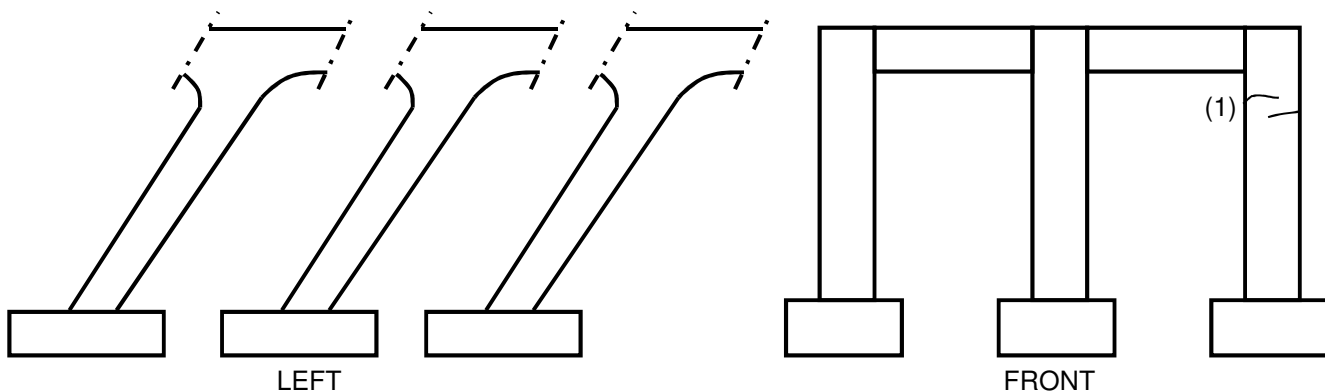


BACKWALL	GOOD	RANDOM HORIZ H.C'S
CAP	GOOD	
WINGS	GOOD	
BEARINGS	NV	ENCASED IN CONCRETE
SLOPE PVT	GOOD	

Bent No. 1

Date 2/22/2016
JV

Bridge Location No. 19 I440 0.36 LT.
County Route Log Mile



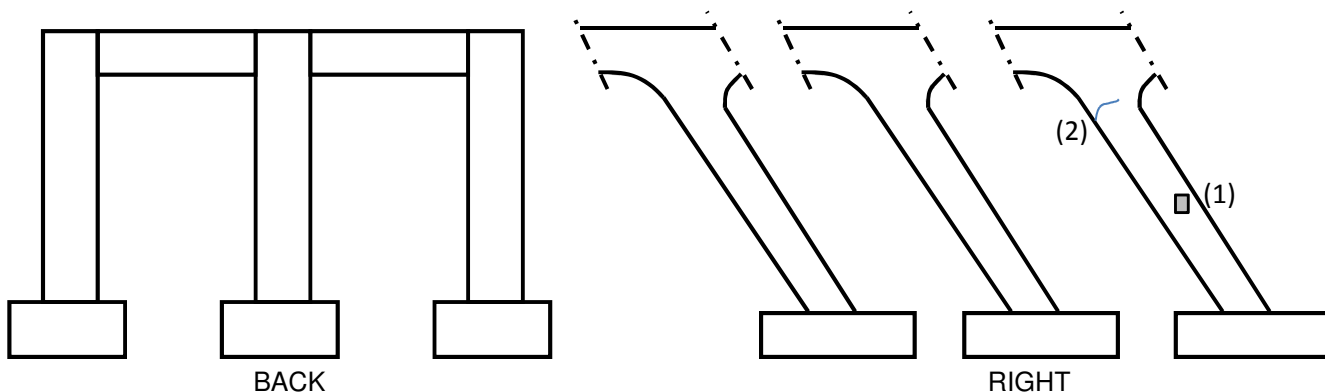
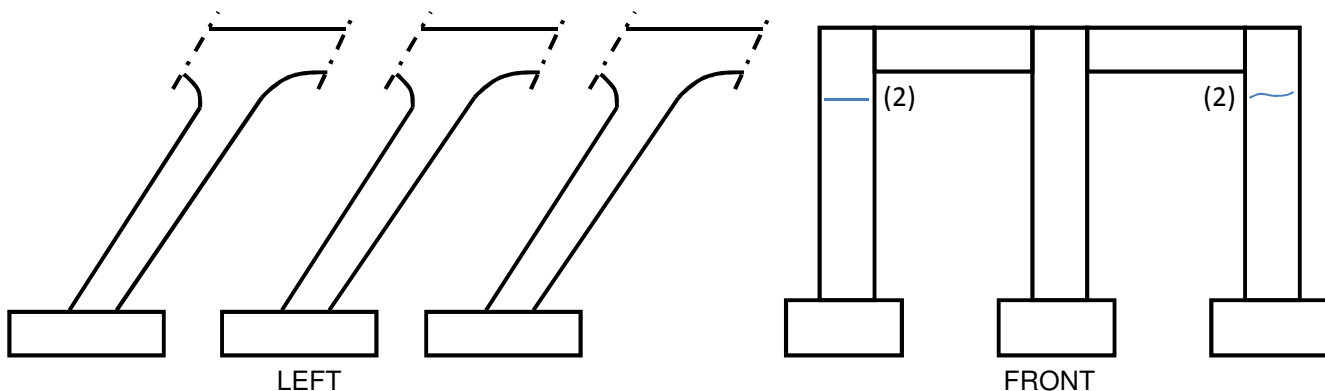
COLUMNS	GOOD	(1) PATCHED, H.L. HORIZ. CRACKS IN PATCHES
CAP BEAM	GOOD	LONGIT H.C.'S

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Bent No. 2

Date 2/22/2016
JV

Bridge Location No. 19 I440 0.36 LT.
County Route Log Mile



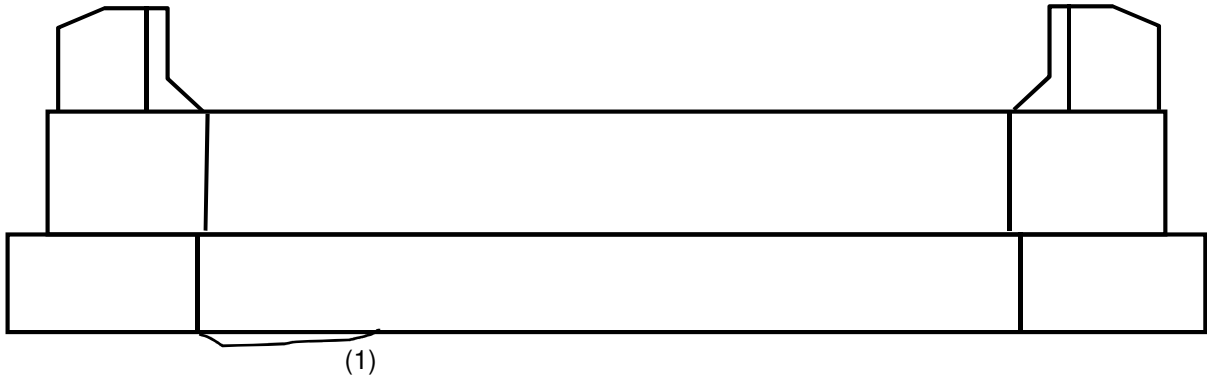
COLUMNS	GOOD	(2) PATCHED, H.L. MAP CRACKS IN PATCHES, (1) H.S. POPOUT
CAP BEAM	GOOD	LONGIT. H.C.'S

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Abutment No. 2

Date 2/22/2016
JV

Bridge Location No. 19 1440 0.36 LT.
County Route Log Mile



BACKWALL	NV	RANDOM HORIZ H.C.'S
CAP	GOOD	
WINGS	GOOD	
BEARINGS	NV	
SLOPE PVT	GOOD	3" SETTLEMENT 6' L FROM WING



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

Underpass Condition Coding Form

Revised 02/22/2016

County: 19

Route: SR024

Special Case: 0

County Sequence: 1

Bridge Number: 19I044000022
(Includes Item 5A)

Feature Intersected: I440-LL / CHARLOTTE AVE.

Log Mile: 10.12

CODE ONLY THOSE VALUES WHICH HAVE CHANGED

ITEM #	DESCRIPTION	VALUE	UNDERPASS SAFETY FEATURES
90	LAST INSPECTION DATE	02/22/2016	515 (A) TYPE UNDERPASS BARRIER NONE NEEDED OR NOT APPLICABLE
	EARLIEST DATE OF NEXT REGULAR INSPECTION	12/23/2017 ____ / ____ / ____	
10	MINIMUM V.C. OVER DECK (ROADWAY + SHOULDERS)	15 FT. 9 IN. ____ FT. ____ IN.	
520	MINIMUM V.C. OVER DECK (EXCLUDES SHOULDERS)	15 FT. 9 IN. ____ FT. ____ IN.	(B) ADEQUACY OF BARRIER OR RAIL
47	TOTAL HORIZONTAL UNDERCLEARANCE	91 FT. 10 IN. ____ FT. ____ IN.	(C) ADEQUACY OF TRANSITIONS
54	MINIMUM VERTICAL UNDERCLEARANCE (EXCLUDES SHOULDERS)		(D) ADEQUACY OF TERMINALS
	Circle One: H R	____ FT. ____ IN.	554 VERTICAL CLEARANCE LISTED ON HEIGHT POSTING
55	MINIMUM LATERAL UNDERCLEARANCE ON RIGHT SIDE	Circle One: H R ____ FT. ____ IN.	____ FT. ____ IN. ____ FT. ____ IN.
56	MINIMUM LATERAL UNDERCLEARANCE ON LEFT SIDE	____ FT. ____ IN.	16 LATITUDE 17 LONGITUDE N 36° 9.1920' W 86° 49.3610'
521	OVERALL CONDITION	FAIR _____	HEIGHT POSTED AT BOTH APPROACHES? YES [] NO [] N/A []
555	COMMENTS	_____	

TEAM LEADER SIGNATURE

REVIEW DATE

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INSPECTION REPORT FOR UNDERPASS ROUTE

Form BIR 3.0A
(Rev. 9-22-98)
DT-1443

Field Report No. 21 Date 2/22/2016
Previous Report No. 20 Date 2/24/2014

Bridge No. 19104400002 Underpass Location No. 19 - SR 24 - 10.12 L
Eleven Digit No. Co. Route Log Mile
 _____ or 19 - I440 - 0036 L over 19 - SR 24 - 10.12 L
Railroad/Walkway Co. Route Log Mile Co. Route Log Mile
 County Davidson Structure Name (If Named) _____
 Year Constructed 1985 ACTUAL
 Year Widened _____ Year Rehabilitated _____

GEOMETRIC FEATURES UNDER BRIDGE (*.* ft. unless otherwise noted)

Divided Highway NA Type of Wearing Surface AC
 Width of Approach Traveled Roadway 56.0 ft. (Does Not Include Shoulders)
 Width of Median if Divided Highway _____ ft.
 Approach Shoulder Width 2 ft. Right 2 ft. Left
 *Horizontal Clearance Under Bridge 92 ft.
 *Distance Between Pier Protection Guardrail and Substructure _____ ft. Right _____ ft. Left
 *Width of Sidewalk Under Bridge 5 ft. Right 5 ft. Left
 *Minimum Vertical Clearance: 15 ft. 9 in. (ft.-in.)
 *Show on Sketch _____

TRAFFIC SAFETY FEATURES

Pier Protection Railing or Parapet
 Approach Guardrail Terminals
 Approach Guardrail
 Approach Guardrail Terminal

Rating	Standard/ SubStandard Non Exist
	NON EXIST
	NON EXIST
	NON EXIST
	NON EXIST

INSPECTORS

1. BILLINGSLEY TL
2. VOGEL
3. BROWN
4. LOVE
5. _____
6. _____

SIGNING

	Yes/ No/ Needed
Paddleboards	NO
Vertical Clearance (<14'-6")	NO
Narrow Passage	NO
One Lane Passage	NO
Other Underpass Signs Needed	

Form BIR 3.0A (Continued)
(Rev. 9-22-98)
DT-1443

Date 2/22/2016

Underpass Location No. 19 - SR 24 - 10.12 L
Co. Route Log Mile

Other Signs or Plaques:

Comments Regarding any
Problems with Signing:

BRIDGE FEATURES (*.* ft.)

Bridge Skew	<u>76 ° RT</u>	Number of Lanes/Tracks on Bridge	<u>3</u>
Structure Type (Main Span)	<u>HBB</u>	No. Main Spans	<u>3</u>
Structure Type (Appr.Spans)	_____	No. Appr. Spans	_____
Maximum Span Length	<u>100</u> (ft.)	Total Length	<u>181</u> (ft.)
Width of Bridge Out-to-Out	<u>60.9</u> (ft.)	Right Angle to Centerline of Bridge)	
Width of Bridge Along Skew	_____ (ft.)	(If Unable to Measure at Right Angle to Centerline of Bridge)	

BRIDGE CONDITION: FAIR

Does Potential Exist for Elements from Bridge Falling on Roadway Beneath? NO

Does Potential Exist Because of Deteriorated Condition or Failure of Major Members? NO

Comment on any Conditions of Bridge that would Effect Roadway Beneath:

Note: If Underpass Route is Divided Highway, Use Two of These Forms, One for Each Roadway.

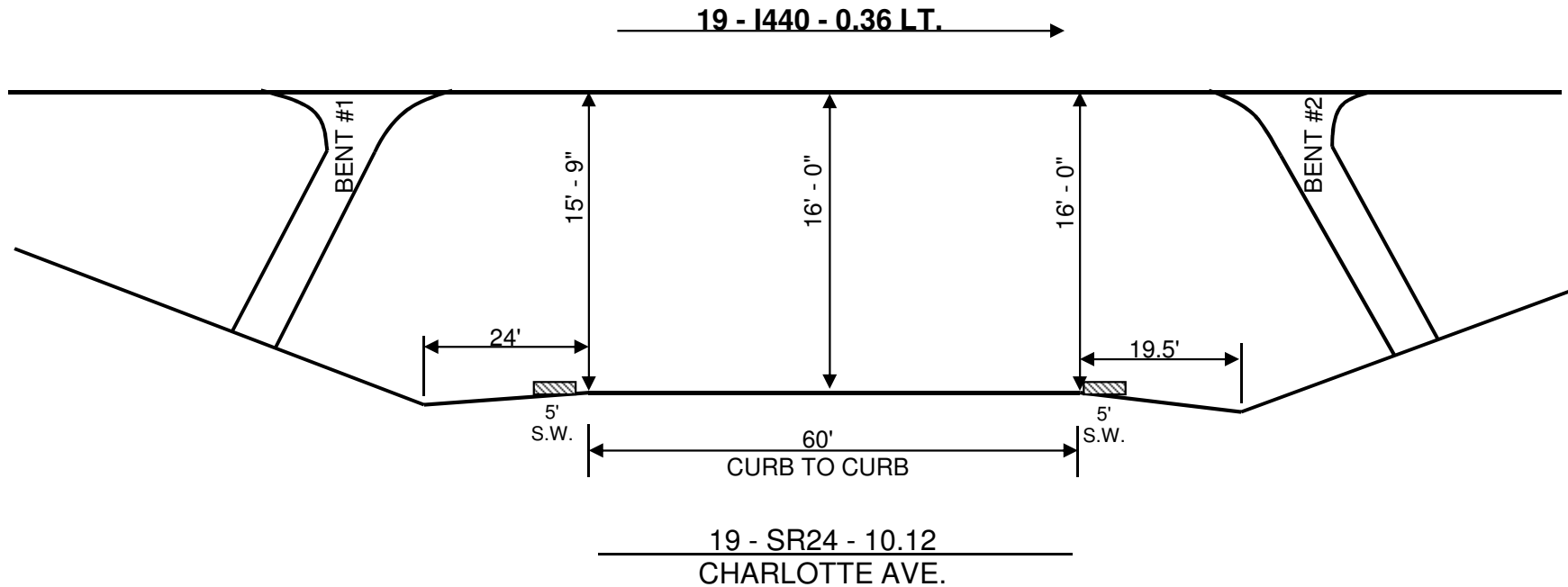
MINIMUM PICTURES REQUIRED

1. Elevation View of Bridge on Both Sides Showing Underpass
2. View Showing Both Approaches to Bridge
3. View Showing Safety Features
4. View Showing Any Problems

CLEARANCE SKETCH

Date 2/22/2016

Bridge Location No. 19 I440 0.36 LT.
County Route Log Mile



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