ABUTMENT ELEVATION

(Looking West)

NOTE: Work this sheet with sheets A & B.

NOTE: Drawings shown on the plan are for information and estimating purposes only. It shall be the responsibility of the Contractor to verify all dimensions and conditions relating to the plans prior to ordering material and construction.
TYPICAL ABUTMENT SECTION

TYPICAL WING SECTION

17" 0 HOOK BAR DETAIL

17" 0 EYEBAR DETAIL

NOTE: Mark this sheet with sheets 2 & 3.

NOTE: Elevations shown on the plans are for information and estimating purposes only. It shall be the responsibility of the Contractor to verify all dimensions and quantities specified in the field prior to ordering materials and construction.
TOP CHORD PLAN

NOTE: Dimensions shown on the plans are for information and estimating purposes only. It shall be the responsibility of the Contractor to verify all dimensions and quantities existing in the field prior to ordering material and construction.

Top Chord Drawing

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS

KELLER & KELLER
Frankfort, Kentucky

3-248.0
Top Chord Plan

Notes:
- All metal studs shall be replaced. See metal stud detail on sheet 12.
- See washer detail on sheet 12.
- Replace bearing block with 1 in. Structural Grade No. 2. See sheet 12 for details.
- New Top Chord members shall consist of regular members, including washers and plates. Connections must be as shown on plans. For typical section of Top Chord see sheet 12.

Commonwealth of Kentucky

Fleming
Godfrey Covered Bridge

Top Chord Plan

Hill & Son
Bratton A & B Inc.
Frankfort, Kentucky
STRINGER PLAN

- Existing
- Replace
- New

NOTE: Work this sheet with sheets 15 & 16.

NOTE: New Floor Beams & Stringers shall consist of Oak Members, Structural Grade No.
Floor Beams consisting of 2-3/4'x6' beams shall be connected by 3 1/2" x 2 3/4" Bolts at members at the third points.
Stringers to be bolted over center floorbeams.

NOTE: Dimensions shown on the plans are for information and estimating purposes only. It shall be the responsibility of the Contractor to verify the dimensions in the field prior to ordering materials and construction.

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS

FLEMING

STREET BEAMS

Brahmi A & F Inc.
Frankfort, Kentucky
EXISTING BRIDGE ELEVATION

NOTE: Dimensions shown on the plans are for information and estimating purposes only. It shall be the responsibility of the contractor to check all dimensions in the field prior to ordering materials and construction.
EXISTING BRIDGE TRUSS ELEVATION- SOUTH FACE OF THE NORTH TRUSS

REPLACE THE MUSCLE REINFORCING RODS FROM THE BRIDGE AFTER THE BRIDGE IS SECURELY SHORED AND BRACED!

THE SHADOWED PORTIONS OF THE LATTICE INDICATE 1/2 IN. DIA. RODS ON 8 CHAR MESH TO THE LATTER TO INSURE BRACED ON RODS WITH LARGE MOUTH OR OTHER STRONG, REDUCING CHARACTERISTICS. THESE MAY REMAIN AS THEY ARE PART OF THE HISTORY OF THE BRIDGE.

EXISTING BRIDGE TRUSS ELEVATION- NORTH FACE OF THE SOUTH TRUSS

REPLACE THE MUSCLE REINFORCING RODS FROM THE BRIDGE AFTER THE BRIDGE IS SECURELY SHORED AND BRACED!

THE SHADOWED PORTIONS OF THE LATTICE INDICATE 1/2 IN. DIA. RODS ON 8 CHAR MESH TO THE LATTER TO INSURE BRACED ON RODS WITH LARGE MOUTH OR OTHER STRONG, REDUCING CHARACTERISTICS. THESE MAY REMAIN AS THEY ARE PART OF THE HISTORY OF THE BRIDGE.

PARTIAL TIMBER LIST

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SIZE</th>
<th>GRADE NO.</th>
<th>SPECIES</th>
<th>TREATMENT</th>
<th>MOISTURE CONTENT</th>
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<tr>
<td>TOP CHORD</td>
<td>3 1/2</td>
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NOTE: DIMENSIONS SHOWN ARE FOR INFORMATION AND EXAMINING PURPOSES ONLY. THEY ARE NOT INCLUDED IN CONSTRUCTION DRAWINGS AND DO NOT COINCIDE WITH CONSTRUCTION SPECIFICATIONS. DIMENSIONS SHOWN ARE SUBJECT TO CHANGE IN THE FIELD PRIOR TO ORDERING MATERIAL AND CONSTRUCTION.
BOTTOM CHORD PLAN SHOWING MATERIAL TO BE REPLACED

- Bottom chord continuity of the bridge (not shown to scale)
- Existing lattice intersections of the bottom chord (approximate)
- Joint locations should be located three to four inches before lattice intersections. Adjust stock lengths as necessary.
- Replace both bottom chords in accordance with this layout.

SCHEMATIC BOTTOM CHORD PLAN SHOWING PROPOSED SPLICE LOCATIONS

- Existing lattice intersections of the bridge (not shown to scale)
- Longitudinal centerline of the bridge (not shown to scale)

NOTE: Dimensions shown on the plans are for information and estimating purposes only. It shall be the responsibility of the Contractor to verify all dimensions and conditions existing in the field prior to ordering material and construction.
TOP CHORD PLAN SHOWING MATERIAL TO BE REPLACED

NOTE: Dimensions shown on the plans are for information and estimating purposes only. It shall be the responsibility of the Contractor to check the actual field conditions prior to ordering material and construction.
NOTCH THE Tie BEAM SPLIT THE PRINCIPAL RAFTER PROVINC 1 / 1 5 / 8 DIA. OAK PINS.

LATERAL BRACING

SECTION @ FLOOR BEAM

BENT, BOLSTER, TRUSS DETAIL

BASE SUPPORT @ BENT

FLOOR BEAM BEYOND

FLOOR TO TRUSS DETAIL

COMMON RAFTER

EAVE DETAIL

PRINCIPAL RAFTER

TIE BEAM

THE TIE TENON MAY HAVE TO BE DASHED OR CONSTRUCTED TO FIT THE TIE BEAM.

THE TIE TENON TO FIT THE EXISTING FURNITURE.

COORDINATE THE LOCATION OF THE TIE TENON WITH THE TIE BEAM DIAM.

THE BASE DRAWINGS USED TO PRODUCE THESE CONSTRUCTION DRAWINGS WERE PREPARED BY BRIDGTON, ABLE & CO., FRANKFORT, KENTUCKY IN AUGUST, 1935.

NOTE: Dimensions shown on the plans are for information and estimating purposes only. It shall be the responsibility of the contractor to check the plans in the field prior to ordering materials and construction.

Departments of Highways

Commonwealth of Kentucky

FLEMING

Goddard Covered Bridge

DETAILED BY

DCF Engineering, Inc.

Item Number

3-248.0

Date

9-5-96

Prepared By

Inspected By

Drawn By

D.O.

EXISTING BRIDGE ELEVATION WITH TEMPORARY SHORING

NOTE: Dimensions shown on the plans are for approximation and should be verified in the actual field before construction.

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

FLEMING

Goddard Covered Bridge
TEMPORARY SHORING

HEINZ NUMBER
3-248

DCF Engineering, Inc.
3-248

S-2