

PLAN

ESTIMATED QUANTITIES

| ITEM | ITEM EXT. | TOTAL | UNIT | DESCRIPTION | CALC. BY: JTY DATE: MARCH-04 | | |
|---------|-----------|-------|---------|---|------------------------------|-------|---------|
| | | | | | AS PER PLAN SHEET NO. | SUPER | GENERAL |
| SPECIAL | 53000200 | LUMP | | STRUCTURE: MISC.: EMERGENCY ASPHALT PAVING OPERATION ON STANDBY | 2 OF 20 | | LUMP |
| 848 | 10001 | 1100 | SQ. YD. | MICRO SILICA MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN, 1 3/4" THICK | 2 OF 20 | 1100 | |
| 848 | 20001 | 1100 | SQ. YD. | SURFACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN | 2 OF 20 | 1100 | |
| 848 | 30001 | 15 | CU. YD. | MICRO SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN | 2 OF 20 | 15 | |
| 848 | 50000 | 200 | SQ. YD. | HAND CHIPPING | | 200 | |
| 848 | 50321 | 1100 | SQ. YD. | EXISTING CONCRETE OVERLAY REMOVED, AS PER PLAN, 1 3/4" NOMINAL THICKNESS | 2 OF 20 | 1100 | |
| 848 | 50340 | 220 | SQ. YD. | REMOVAL OF DEBONDED OR DETERIORATED EXISTING VARIABLE THICKNESS CONCRETE OVERLAY | | 220 | |

CHKD. BY: GAB DATE: MARCH-04

ADT (2001) = 151,370 VPD

EXISTING STRUCTURE

TYPE: CONTINUOUS WELDED STEEL GIRDERS WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURES

SPAN: 65'-0"± - 108'-0"± - 65'-0"± C/C BEARINGS.

ROADWAY: 40'-0"± T/T PARAPETS

LOADING: CF-2000 (ADEQUATE FOR AASHTO ALTERNATE LOADING)

SKEW: 57' 47' 31" L.F. FROM REFERENCE CHORD.

ALIGNMENT: SPIRAL AND 5'-30' CURVE

SUPERELEVATION: VARIES

WEARING SURFACE: LATEX MODIFIED CONCRETE OVERLAY

APPROACH SLAB: AS-1-54 (25' LONG)

YEAR BUILT: 1965

STRUCTURE FILE NUMBER: 2507595

LONGITUDE: W82°58'58" LATITUDE: N39°57'25"

PROPOSED STRUCTURE REHABILITATION

PROPOSED WORK:

- 1) REMOVE EXISTING LATEX MODIFIED CONCRETE OVERLAY
- 2) REPAIR CONCRETE DECK
- 3) PLACE NEW 1 3/4" THICK MICRO-SILICA CONCRETE OVERLAY

ALIGNMENT: SPIRAL AND 5'-30' CURVE

WEARING SURFACE: 1 3/4 MICRO-SILICA CONCRETE OVERLAY

CROWN: VARIES

DESIGN AGENCY: **POGEMEYER DESIGN GROUP, INC.**
ARCHITECTS + ENGINEERS + PLANNERS
1100 NORTH MAIN STREET
BOULDER, CO 80502

DATE: 3-19-04
R.R.H. STRUCTURE FILE NUMBER: 2507595

FRANKLIN COUNTY
STA. 114+93.33
STA. 117+40.75

SITE PLAN
BRIDGE FRA-71-1703 R
OVER RAMP I-71 SB TO I-70 EB

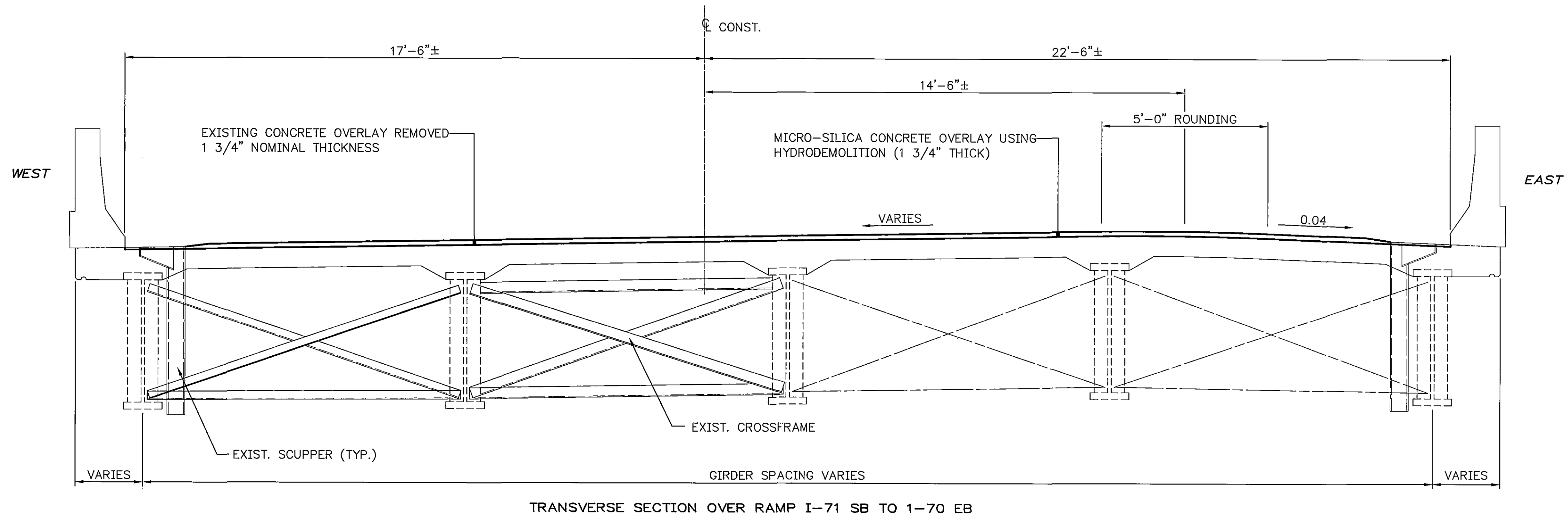
FRA-71-17.03

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J.E.F.

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TRANSVERSE SECTION OVER RAMP I-71 SB TO 1-70 EB

DESIGN AGENCY
POGEMEYER DESIGN GROUP, INC.
 ARCHITECTS + ENGINEERS + PLANNERS
 1188 NORTH HAVEN STREET
 BOWLING GREEN, OHIO 43402

| | | | |
|----------|---------|-----------------------|---------|
| DESIGNED | J.T.Y. | CHECKED | G.A.B. |
| DRAWN | J.E.F. | REVISED | |
| REVIEWED | R.R.H. | STRUCTURE FILE NUMBER | 2507585 |
| DATE | 3-19-04 | | |

TRANSVERSE SECTION OVER RAMP I-71 SB TO 1-70 EB
 BRIDGE FRA-71-1703 R
 OVER RAMP I-71 SB TO 1-70 EB

FRA-71-17.03

2/2
 18/20