### GENERAL NOTES

The plans show some of the utilities located within the limits of the contract as shown on the enclosed site plans on file at the Indiana Department of Transportation. The accuracy of these plans is not guaranteed and the plans shall be revised as necessary to determine the actual location of utilities.

The final cross sections of the paving contract shall be the original cross sections of the grading contract. Any minor changes to the original cross sections shall be taken if necessary to determine the actual location of utilities.

### DRAWING INDEX

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### TRAFFIC DATA

- **ROADWAY**:
  - **ALIGNED**: S.R. 265 East of Salem Rd.
  - **A.A.D.T. 2030**: 36000
  - **D.H.V. 2030**: 3200
  - **SPEED**: 70 mph

- **CLASSIFICATION**: PRINCIPAL ARTERIAL

### DESIGN DATA

- **ROLLING**: FULL

### REVISIONS

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**Utilities**

**Telecommunications**

- **AT&T**: 1-800-234-0234
- **AT&T**: 1-800-234-0234
- **AT&T**: 1-800-234-0234
- **AT&T**: 1-800-234-0234

**Water**

- **Water Works**: 1-800-234-0234
- **Water Works**: 1-800-234-0234

**Electric**

- **Duke Energy**: 1-800-234-0234

**GAS PIPELINES**

- **Duke Energy**: 1-800-234-0234

**Sanitary**

- **City of Jeffersonville**: 1-800-234-0234

**Miscellaneous Agencies**

- **DART**: 1-800-234-0234
- **DART**: 1-800-234-0234
- **DART**: 1-800-234-0234

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**Design Data**

- **TOTAL VOLUME**: 70
- **NEW CONSTRUCTION (FREEWAY)**: 70
- **NEW CONSTRUCTION (ARTERIAL)**: 70

**Index Sheet**

- **Recommended For Approval**: 11-12
- **Date**: 15-15
SUPERELEVATION DIAGRAM

DESIGN SPEED = 70 MPH
S.E. RATE = 3.46%
RADIUS = 5932.65'
P.I. STA. 252+23.81

NOTE: SEE SECTIONS FOR LOCATION OF PROFILE GRADE LINE

FOR INFORMATION ONLY

INDIANA DEPARTMENT OF TRANSPORTATION
SUPERELEVATION DIAGRAM
BULB-TEE BEAM BRIDGE
78" PRESTRESSED CONCRETE
CONTINUOUS, COMPOSITE
AND LENTZIER CREEK TRIBUTARY
ON S.R. 265 OVER UTICA CHARLESTOWN RD.

VERTICAL SCALE
1/4" = 1'-0"

HORIZONTAL SCALE
1/4" = 1'-0"

GENERAL PLAN

LINE "A"

REINFORCING STEEL
CLASS C CONCRETE
CLASS B CONCRETE
CLASS A CONCRETE
BEAM CONCRETE

TYPICAL SECTION

TYPICAL SECTION

CONSTRUCTION LOAD
THE EXTERIOR GIRDER HAS BEEN CHECKED FOR STRENGTH, DEFLECTION AND DEFORMATION USING THE CONSTRUCTION LOAD SHOWN BELOW. CONTACT ORIENTED DECKFORM BRACKETS WERE ASSUMED FOR SUPPORT OF THE DECK FORMS. THE TOP EDGE OF THE EXTERIOR GIRDER. THE FINISHING MACHINE WAS ASSUMED TO BE SUPPORTED 6 IN. INSIDE THE VERTICAL COPING FORM. THE TOP DECKFORM BRACKETS WERE ASSUMED TO BE LOCATED 6 IN. PAST THE EDGE OF THE VERTICAL COPING FORM. BOTTOM DECKFORM BRACKETS WERE ASSUMED TO BE BRACED AGAINST THE INTERSECTION OF THE ORDER BOTTOM FLANGE AND WEB.


CONSTRUCTION LIVE LOADS DESIGNED FOR 0 L# FT2. EXTENDS 2 FT PAST THE FACE OF COPING AND [%] L#/FT VERTICAL FORCE APPLIED AT A DISTANCE OF 6 IN. PAST THE FACE OF COPING OVER 20 FT LENGTH OF THE DECK CENTERED WITH THE FINISHING MACHINE.

FINISHING-MACHINE LOAD: 4000 LB DISTRIBUTED OVER 10 FT ALONG THE COPING.

GENERAL NOTES
REINFORCING STEEL COVER TO BE 3 1/2" TOP AND 2 1/2" BOTTOM OF FLOOR SLAB, 3" IN FOUNDATION EXCEPT BOTTOM STEEL WHICH SHALL BE 4" AND 2" IN ALL OTHER PARTS UNLESS NOTED.

ALL THE EXPOSED SURFACES OF THE END DECK CAPTIVE MEM AND THE BARRELS SHALL BE COATED IN ACCORDANCE WITH ARTICLE 509 OF THE SPECIFICATIONS, ULTIMATE DET. 75 PSF.

DESIGN DATA

DESIGN STRENGTHS
LIVE LOAD
DEAD LOAD
3.46%
3.46%
3.46%
3.46%
3.46%

GE-02

L" = 4" (TYP)

6" (TYP)

3'-9"

1'-4" COPING

3'-9" TO 4'-3"
VARIES

3'-1" TO 3'-7"
VARIES

39'-3"

12'-8" SHOULDER

6 SPACES @ 8'-4"
CONCRETE SLAB
8" CLASS "C"
PRESTRESSED BULB-TEE BEAM TYPE BT 78"x48" (TYP)

(LOOKING AHEAD STATION)
WESTBOUND LANE S.R.265

(ESTIMATE QTY = ?? SQ. FT.).
BARRIERS SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 702.21 OF THE GENERAL NOTE.

WEARING SURFACE AND 15 PSF (NON-COMPOSITE) FOR ACTUAL WEIGHT PLUS 35 PSF (COMPOSITE) FOR FUTURE ACTUAL WEIGHT.
FLOOR SLAB DESIGNED WITH 7 1/2" STRUCTURAL DEPTH AND 0.5" INTEGRAL WEARING SURFACE.

CONSTRUCTION LIVE LOAD: DESIGNED FOR 70 MPH HORIZONTAL WIND LOADING OF 50 LB/FT WIND LOAD:
4500 LB DISTRIBUTED OVER 10 FT ALONG THE COPING.
FINISHING-MACHINE LOAD: 4000 LB DISTRIBUTED OVER 10 FT ALONG THE COPING.

DECK FAUCET LOADS: DESIGNED FOR 0 L# FT2 FOR PERMANENT METAL DECK FORM BRACKETS. DECKFORM BRACKETS WERE ASSUMED TO BE 6 IN. INSIDE THE VERTICAL COPING FORM. THE TOP DECKFORM BRACKETS WERE ASSUMED FOR SUPPORT OF THE DECK OVERHANG PAST THE EDGE OF THE EXTERIOR GIRDER. THE FINISHING MACHINE WAS ASSUMED TO BE 6 IN. OUTSIDE THE FACE OF COPING OVER 30-FT LENGTH OF THE DECK CENTERED WITH THE FINISHING MACHINE.

FINISHING-MACHINE LOAD: 4000 LB DISTRIBUTED OVER 10 FT ALONG THE COPING.

INDIANA DEPARTMENT OF TRANSPORTATION
GENERAL PLAN
SJL265 WB BRIDGE