STATE OF ILLINOIS
GRUNDY COUNTY
HIGHWAY DEPARTMENT

PROPOSED
HIGHWAY PLANS

WAUPECAN ROAD OVER BILL'S RUN
SECTION 17-16128-00-BR (NON-MFT)
CULVERT REPLACEMENT
GRUNDY COUNTY
VIENNA TOWNSHIP

INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES, TYPICAL SECTIONS,
   AND TRAFFIC CONTROL PLAN
3. SUMMARY OF QUANTITIES AND
   SCHEDULE OF QUANTITIES
4. PLAN AND PROFILE
5-6. GENERAL PLAN AND ELEVATION
7. CULVERT DETAILS

HIGHWAY STANDARDS

UCHAR-08
STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
TRAFFIC CONTROL DEVICES

RHR 21-9
TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

RHR 22-7
TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
(TWO-LANE TWO WAY RURAL TRAFFIC ROAD
CLOSED TO TRAFFIC TRAFFIC)

IDOT DP-462-21
SECTION THROUGH CAST-IN-PLACE BOX CULVERT

FUNCTIONAL CLASSIFICATION

RURAL LOCAL
ADT = 39

LOCATION SKETCH

BEGIN PROJECT
STA. 184+70

END PROJECT
STA. 195+30

GROSS LENGTH = 60 FT. = 0.011 MILE
NET LENGTH = 60 FT. = 0.011 MILE

STATE OF ILLINOIS
COUNTY OF GRUNDY
HIGHWAY DEPARTMENT

APPROVED

TOWNSHIP COMMISSIONER

APPROVED

COUNTY ENGINEER

JULIE
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
3-802-6-1230
6-991
**General Notes**

1. Plan dimensions and details relative to Existing Plans are subject to minimal construction adjustments. The Contractor shall not affect new construction and note necessary approved adjustments prior to construction, on inspection of materials, such adjustments shall not be cause for additional compensation for a change in scope of the work. However, the Contractor shall be paid for the quantity actually furnished at the unit price bid for the work.

2. Where section or subsection monuments are encountered, the Engineer shall be notified before such monuments are removed. The Contractor shall protect and carefully preserve all monuments until an authorized Survey or Agent has witnessed or otherwise indicated their location. The Contractor shall be responsible for making an authorized Survey or Agent any section or subsection monuments demolished by his operations at no additional cost.

3. All earth excavation and earthwork required by the Drawings and Specifications shall be completed in accordance with Articles 202 and 203 of the Standard Specifications. The Contractor shall be responsible for the work not being paid for separately, but shall be considered included in the contract prices for concrete box culverts.

4. Proposed Option is allowed per Article 19 of the Standard Specifications.

**Proposed Legend**

- Aggregate Surface Course, Type B 10''
- RWP shoulders

**Traffic Control Plan**

- Existing: 8 ft barriers at STA 040+40 and 040+90, and 36'' barriers at STA 042+00 and STA 044+00, in accordance with Highway Standard Specifications. Advanced Warning signs shall also be placed in accordance with Highway Standard Specifications.

**Existing Typical Section**

- Existing Oil and Gravel Surface Course

**Proposed Typical Section**

- Proposed

**Section Through Concrete Box Culvert**

- Concrete Box Culvert shall be placed in 6'' lifts per Article 207.03 of the Standard Specifications.

**General Notes, Typical Sections, and Traffic Control Plan**
## TOTAL BILL OF MATERIAL

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## EROSION CONTROL SCHEDULE

### Location

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<th>LOCATION</th>
<th>SEEDING CLASS 2A</th>
<th>NITROGEN FERTILIZER NUTRIENT</th>
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## PAVING SCHEDULE

### Location

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<td>TOTAL</td>
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## MISCELLANEOUS REMOVAL SCHEDULE

### Location

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<th>LOCATION</th>
<th>PIPE CULVERT REMOVAL **</th>
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** **Represents quantities for both painting pipe removals.
Existing Structure: 60'x48' twin elliptical corrugated metal pipes (CMPs), 30'-0" in length. Existing structure currently carries Waupecan Road over Bill's Run. Existing CMP invert elevations are backpitched, with the downstream invert elevation higher than the upstream invert elevation.

Road closed. Traffic will be detoured.

No salvage.

NOTES

Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
LONGITUDINAL SECTION

(Looking Easterly)

SECTION B-B

PLAN LAYOUT

(Elev. 629.61)

Apparent ROW line by long-term prescriptive use

Apparent ROW line by long-term prescriptive use

Apparent ROW line by long-term prescriptive use

Apparent ROW line by long-term prescriptive use

Flow

Stone Riprap

Filter Fabric

Bedding

Elev. 629.71

Elev. 629.61

ST. 105+00.00

ST. 105+12.83

ST. 104+87.16

Elev. 637.58

Elev. 637.58

29'-9" typ.

1:3 typ.

6'-42" typ.

22.89 RT

22.89 LT

22.89 RT

22.89 LT

E Roadway

W Roadway

Culvert

Bridge

1/2 typ.

6'-42"

6'-42"

6'-42"

6'-42"

6'-42"

6'-42"

6'-42"

Flow
LONGITUDINAL SECTION

(looking eastward)

SHOWING TOEWALL

PLAN

SHOWING HEADWALL

NOTES

*A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.