EX. R/W 10' FF 10'

II. =51+18.34 "B", 1.38' Rt.

FF 40'

EX. R/W

FF 50'

II. =50+68.34 "B", 1.38' Rt.

1" = 50'

10+00 "A"

STA. 56+00 Line "Gem"
"A", 0.85' Rt.

END INCIDENTAL CONSTRUCTION
STA. 49+49 Line "Gem"
"A", 0.85' Rt.

HORIZONTAL SCALE

1" = 50'

Verifying from Line "A" and Line "B".

INTEGRITY

Right of Way measured from Line "A" and Line "B".

INDIANA DEPARTMENT OF TRANSPORTATION
PLAT NO. 1

SHEETS

DESIGNATION NO.

BRIDGE FILE NO.

CONTRACT NO.

R-40388

RAJ

RAJ

JLB

JLB

RAJ
### Detour Route Marker Assemblies

<table>
<thead>
<tr>
<th>Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMA (Advance Turn)</td>
<td>4 Ea.</td>
</tr>
<tr>
<td>DRMA (Directional)</td>
<td>4 Ea.</td>
</tr>
<tr>
<td>DRMA (Confirming)</td>
<td>10 Ea.</td>
</tr>
<tr>
<td>DRMA (End)</td>
<td>2 Ea.</td>
</tr>
</tbody>
</table>

### Road Closure Sign Assemblies

<table>
<thead>
<tr>
<th>Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCSA (R11-3)</td>
<td>1 Ea.</td>
</tr>
<tr>
<td>RCSA (R11-3 and XM4-10 (L))</td>
<td>1 Ea.</td>
</tr>
<tr>
<td>RCSA (R11-2)</td>
<td>2 Ea.</td>
</tr>
<tr>
<td>RCSA (R11-4)</td>
<td>2 Ea.</td>
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</tbody>
</table>

### Type A Construction Signs

<table>
<thead>
<tr>
<th>Type</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>XW20-2 (Detour Ahead)</td>
<td>3 Ea.</td>
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<tr>
<td>XW20-3 (Road Closed Ahead)</td>
<td>14 Ea.</td>
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<tr>
<td>XW20-7 (Closure Note)</td>
<td>2 Ea.</td>
</tr>
<tr>
<td>XW20-1 (End Construction)</td>
<td>2 Ea.</td>
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<tr>
<td>XW20-1 (Road Construction Ahead)</td>
<td>2 Ea.</td>
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</tbody>
</table>

### Baricades

<table>
<thead>
<tr>
<th>Type</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>Barricade, Type II-A (NOS. of 12 Units)</td>
<td>48 Lt. (8)</td>
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<tr>
<td>Barricade, Type II-B (NOS. of 12 Units)</td>
<td>56 Lt. (8)</td>
</tr>
</tbody>
</table>

### Legend

- **DETOUR**: Posted Detour Route
- **DETOUR**: Baricade (II-A)
- **DETOUR**: Traffic Flow Arrow
- **DETOUR**: Baricade (II-B)
- **DETOUR**: Construction Sign

---

**DETOUR MAP**

**DETAIL A**

**DETOUT ROUTE**

**GEM ROAD**
RASENBA FAMILY FARM LLC

J. M. M. & J. B. "Gem" Rood

Sec. 16, T15N, R6E
Sage Creek Township
Hancock County

Sec. 17, T15N, R6E
Sage Creek Township
Hancock County

HORZONAL SCALE
1" = 20'

CURVE DATA
STA. 43+00 "Gem"
Delta = 122.09 12.09 12.09
R = 431.25
T = 176.24
E = 6.37
SE = NA

LINE "Gem" to be constructed.
LIGHTING PLAN
STA. 43+00 "Gem" TO STA. 48+15 "Gem"
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SIZE</th>
<th>MUCINE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE</th>
<th>LENGTH</th>
<th>COVER</th>
<th>FLOW LINE</th>
<th>SITE DESIGNATION</th>
<th>DATE</th>
<th>ELEV.</th>
<th>ELEV.</th>
<th>SLOPE</th>
<th>REMARKS</th>
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</thead>
<tbody>
<tr>
<td>10</td>
<td>12+78</td>
<td>X</td>
<td>18</td>
<td>2</td>
<td>E-7</td>
<td>11</td>
<td>10.8</td>
<td>2.2</td>
<td>818.35</td>
<td>818.56</td>
<td>INLET E-7</td>
</tr>
<tr>
<td>11</td>
<td>12+80</td>
<td>X</td>
<td>18</td>
<td>2</td>
<td>C-15</td>
<td>70</td>
<td>16.0</td>
<td>3.5</td>
<td>819.80</td>
<td>819.25</td>
<td>OUTFALL</td>
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Total Flow Sheet: 10.0 4.0 9.0 1.0
## Approach Table

<table>
<thead>
<tr>
<th>STATIONS (STATIONS)</th>
<th>DESCRIPTION (APPROACH TYPE OR CLASS)</th>
<th>WIDTH (W)</th>
<th>LENGTH (L)</th>
<th>RADIO</th>
<th>DRIVEWAY PAVEMENT</th>
<th>EARTHWORK</th>
<th>QCGA - HMA - SMA</th>
<th>COMPACTION ACCELERATE</th>
<th>SUBLINE TREATMENT</th>
<th>JOINT ADOHCEIVE</th>
<th>SOLID ADHESIVE</th>
<th>L I N K</th>
<th>EARTHWORK</th>
<th>I N S U L A T I O N</th>
<th>POOL T</th>
<th>LENGTH (L)</th>
<th>COMPACTED AGGREGATE</th>
<th>DESIGN ENGINEER</th>
<th>DATE</th>
<th>CHECKED</th>
<th>DRAWN</th>
<th>DESIGN NO.</th>
<th>SURVEY BOOK NO.</th>
<th>APPROACH TABLE</th>
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<tr>
<td>0.00</td>
<td>10/30/20</td>
<td>492.0</td>
<td>571.0</td>
<td>175.6</td>
<td>292.6</td>
<td>702.2</td>
<td>354.7</td>
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<tr>
<td>0.00</td>
<td>11+27.0, Rt.  &quot;W 300&quot;</td>
<td>816.0</td>
<td>481.0</td>
<td>187.0</td>
<td>311.7</td>
<td>746.7</td>
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<td>11+27.0, Lt.  &quot;W 300&quot;</td>
<td>310.0</td>
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<td>100.9</td>
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</tbody>
</table>

### Remarks

- **HORIZONTAL SCALE:**
- **VERTICAL SCALE:**
- **CONTRACT NO.:**
- **PROJECT NO.:**
- **DESIGNATION NO.:**
- **BRIDGE FILE NO.:**
- **SURVEY BOOK NO.:**

**DEPARTMENT OF TRANSPORTATION**

**INDEANA**

**DEPARTMENT OF TRANSPORTATION**

**RECOMMEND FOR APPRO.**

**DEPARTMENT:**

**TRENDY:**

**RAW:**

**NOTE:**

**DATE:**

**CHECKED:**

**DRAWN:**

**DESIGNER:**

**SERVICE:**

**PAY TOTAL:**

**DEPARTMENT:**

**INDEANA**

**DEPARTMENT OF TRANSPORTATION**

**RECOMMEND FOR APPRO.**

**DEPARTMENT:**

**TRENDY:**

**RAW:**

**NOTE:**

**DATE:**

**CHECKED:**

**DRAWN:**

**DESIGNER:**

**SERVICE:**

**PAY TOTAL:**
STA. 40+00 "Gem" TO STA. 41+50 "Gem"

Ac = 2.1
M = 20.4
Vc = 32
Vf = 51

Ac = 32.4
M = 34.9
Vc = 60
Vf = 65

Ac = 32.4
M = 34.9
Vc = 0
Vf = 0

BEGIN CONSTRUCTION STA. 40+00.00 Line "GEM"
STA. 48+00 "Gem" TO STA. 48+15 "Gem"