

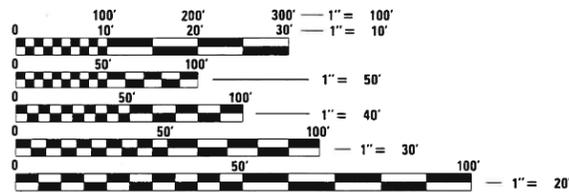
INDEX OF SHEETS

- 1 COVER SHEET
- 2 HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4 STAGE CONSTRUCTION LAYOUT

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO.2

TRAFFIC DATA

2019 ADT = 3450 (ACTUAL)
 2020 ADT = 3500 (ESTIMATED)
 2041 ADT = 4050 (ESTIMATED)
 SU: 4.9% MU: 4.9%



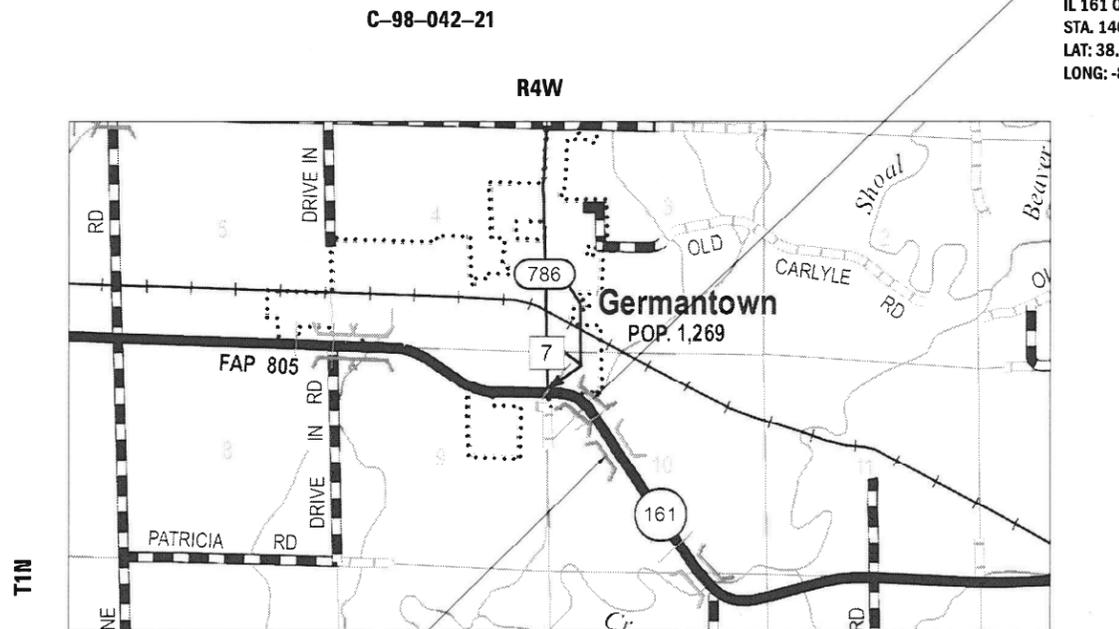
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS
 1-800-892-0123
 OR 811

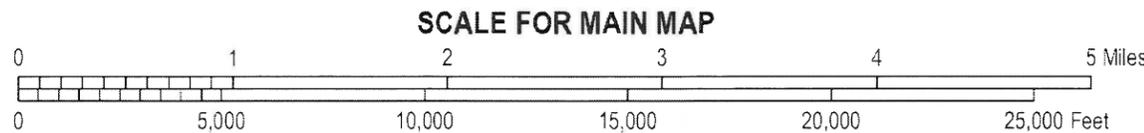
PROJECT ENGINEER: BILLIE OWEN (618) 346-3209
PROJECT MANAGER: PHIL FREIMUTH (618) 346-3194
CONTRACT NO. 76P11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PROPOSED
HIGHWAY PLANS

FAP ROUTE 805 (IL 161)
SECTION 127BR-BP-1, 127BR-1-BP-1
PROJECT STP-IVXJ(044)
BRIDGE PAINTING
SN-014-0009 AND SN-014-0010
CLINTON COUNTY

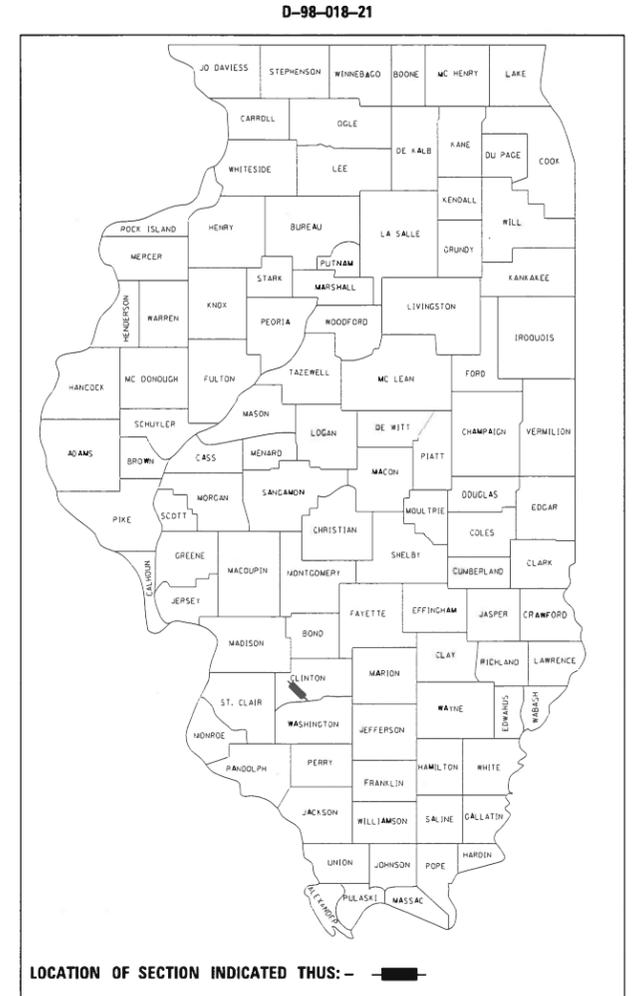


SN 014-0010
 IL 161 OVER SHOAL CREEK OVERFLOW
 STA. 1423+25
 LAT: 38.5447°N
 LONG: -89.5289°W



GROSS LENGTH = 852.334 FEET = 0.1614 MILES

| FAP RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------|--------------------------|----------|--------------------|-----------|
| 805 | 127BR-BP-1, 127BR-1-BP-1 | CLINTON | 4 | 1 |
| | | ILLINOIS | CONTRACT NO. 76P11 | |



SN 014-0009
 IL 161 OVER WILKEN LAKE
 STA. 1409+50
 LAT: 38.5477°N
 LONG: -89.5315°W

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 10 2020
Keith Roberts
 REGIONAL ENGINEER

January 29, 2021
Scott A. Elk
 ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2021
James J. Gu
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

HIGHWAY STANDARDS

| | |
|-----------|--|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 643001-02 | SAND MODULE IMPACT ATTENUATORS |
| 701001-02 | OFF-RD OPERATION 2L, 2W, MORE THAN 15' AWAY |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701321-18 | LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 704001-08 | TEMPORARY CONCRETE BARRIER |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 782006-01 | GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS |

GENERAL NOTES

- ① UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA AS FOLLOWS:

| UTILITY | TYPE | AERIAL | BURIED |
|------------------------------|------------------------|--------|--------|
| AMEREN ILLINOIS | GAS & ELECTRIC | X | X |
| AT & T ILLINOIS | COMMUNICATIONS | X | X |
| CHARTER COMMUNICATIONS, INC. | CABLE TV | X | X |
| VILLAGE OF GERMANTOWN | WATER & SANITARY SEWER | | X |
| WINDSTREAM KDL, INC. | ELECTRIC TRANSMISSION | X | X |

- ② IF A WORKING PLATFORM IS USED, THE CONTRACTOR SHALL SUBMIT CALCULATIONS AND DRAWINGS, SIGNED AND SEALED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF ILLINOIS, THAT ASSURE THE STRUCTURAL INTEGRITY OF THE BRIDGE UNDER THE LIVE AND DEAD LOADS IMPOSED, INCLUDING THE DESIGN WIND LOADING. COSTS WILL BE INCLUDED IN THE PAY ITEM, "CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES."
- ③ THE SSPC-QP1 AND SSPC-QP2 CERTIFICATIONS WILL BE REQUIRED FOR THIS BRIDGE.
- ④ ALL TEMPORARY PAVEMENT MARKING SHALL BE PAVEMENT MARKING TAPE.
- ⑤ EXISTING STRUCTURAL DETAILS FOR SN 014-0009 AND SN 014-0010 ARE LOCATED WITH THE PLANS AND SPECIAL PROVISIONS IN THE CONTRACT DETAILS ON THE WEBSITE.
- ⑥ CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES". ALL BEAMS, BEARINGS AND OTHER STRUCTURAL STEEL WITHIN 10 FT (MEASURED ALONG THE BEAM) OF EITHER SIDE OF DECK JOINTS SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING- SSPC- SP10. THE EXTERIOR SURFACES AND BOTTOM OF THE BOTTOM FLANGE OF THE FASCIA BEAMS SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC- SP10.
- ⑦ THE DESIGNATED AREAS CLEANED PER NEAR WHITE BLAST CLEANING SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF SYSTEM OZ/E/U. THE COLOR OF THE FINAL FINISH COAT FOR ALL STEEL SURFACES SHALL BE INTERSTATE GREEN (MUNSELL NO 7.5G 4/8).
- ⑧ NEWLY INSTALLED GALVANIZED PLATES AND DIAPHRAGMS AT DECK JOINTS ARE NOT INCLUDED IN THE AREAS OF NEAR WHITE BLAST CLEANING. THESE AREAS ARE TO BE CLEANED AS PER SSPC- SP1- SOLVENT CLEANING THEN RECEIVE ONE COAT OF EPOXY AND ONE COAT OF URETHANE. ANY GALVANIZED AREAS DISTURBED SHALL BE IDENTIFIED AND REPAIRED TO THE SATISFACTION OF THE RESIDENT.

COMMITMENTS

NONE

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| | | | | | | | | | | |
|------------------------------|------------|-----------|---|--|--------------------------|---------|--------|--------------|-----------|---------|
| USER NAME = Simam | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS | FAP RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| DRAWN - | REVISED - | 805 | | | 127BR-BP-1, 127BR-1-BP-1 | CLINTON | 4 | 2 | | |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - | | | CONTRACT NO. 76P11 | | | | | |
| PLOT DATE = 12/9/2020 | DATE - | REVISED - | | | SCALE: | SHEET 1 | OF 1 | SHEETS | STA. | TO STA. |

80% FED
20% STATE

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE | |
|----------|--|-------|----------------|---------------------------------|---------------------------------|
| | | | | RURAL | URBAN |
| | | | | BRIDGE 0047 S.N. 014-0010 | BRIDGE 0047 S.N. 014-0009 |
| 67100100 | MOBILIZATION | L SUM | 1 | 0.5 | 0.5 |
| 70106500 | TEMPORARY BRIDGE TRAFFIC SIGNALS | EACH | 2 | 1 | 1 |
| 70106700 | TEMPORARY RUMBLE STRIPS | EACH | 12 | 6 | 6 |
| 70107005 | PAVEMENT MARKING BLACKOUT TAPE, 5" | FOOT | 760 | 520 | 240 |
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 317 | 217 | 100 |
| 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 562.5 | 562.5 | |
| 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER | FOOT | 512.5 | | 512.5 |
| 70600250 | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | EACH | 2 | 2 | |
| 70600350 | IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3 | EACH | 2 | | 2 |
| X5060601 | CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 1 | L SUM | 1 | 1 | |
| X5060602 | CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 2 | L SUM | 1 | | 1 |
| X7010202 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL) | EACH | 2 | 1 | 1 |
| Z0010501 | CLEANING AND PAINTING STEEL BRIDGE NO. 1 | L SUM | 1 | 1 | |
| Z0010502 | CLEANING AND PAINTING STEEL BRIDGE NO. 2 | L SUM | 1 | | 1 |

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REV. - MS

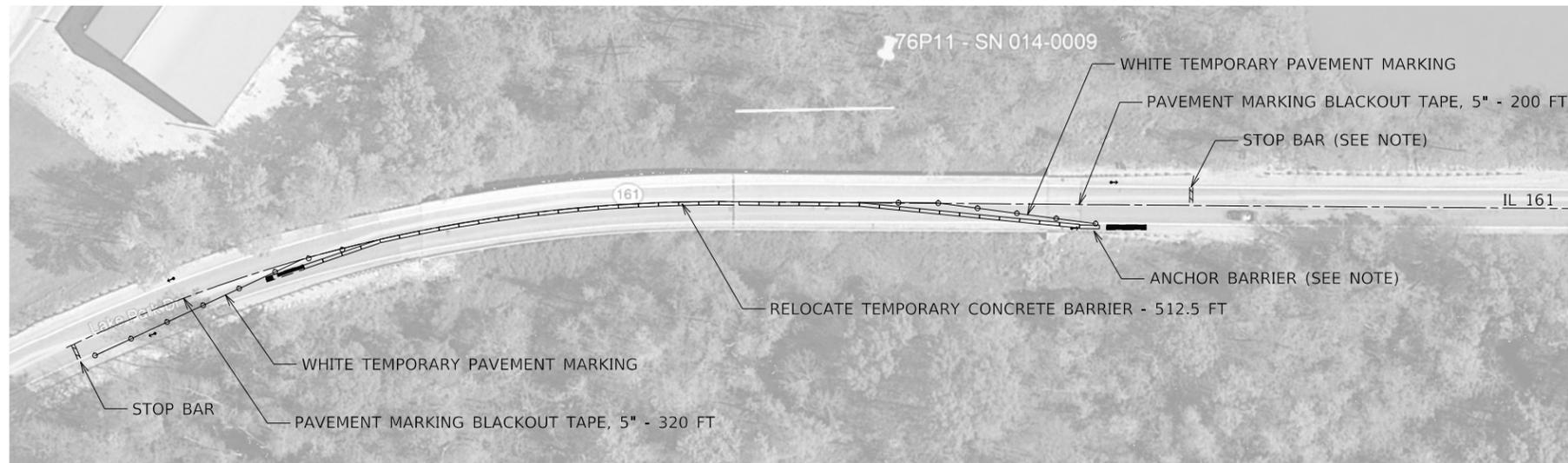
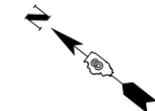
| | | |
|------------------------------|------------|-----------|
| USER NAME = Simam | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED + |
| PLOT DATE = 12/9/2020 | DATE - | REVISED + |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

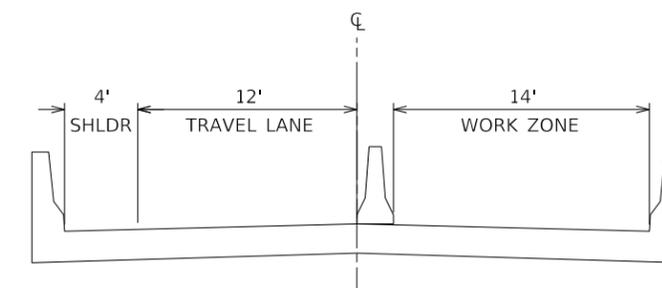
| FAP RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------------------|---------|--------------------|-----------|
| 805 | 127BR-BP-1, 127BR-1-BP-1 | CLINTON | 4 | 3 |
| | | | CONTRACT NO. 76P11 | |
| ILLINOIS FED. AID PROJECT | | | | |



SN 014-0009

LEGEND

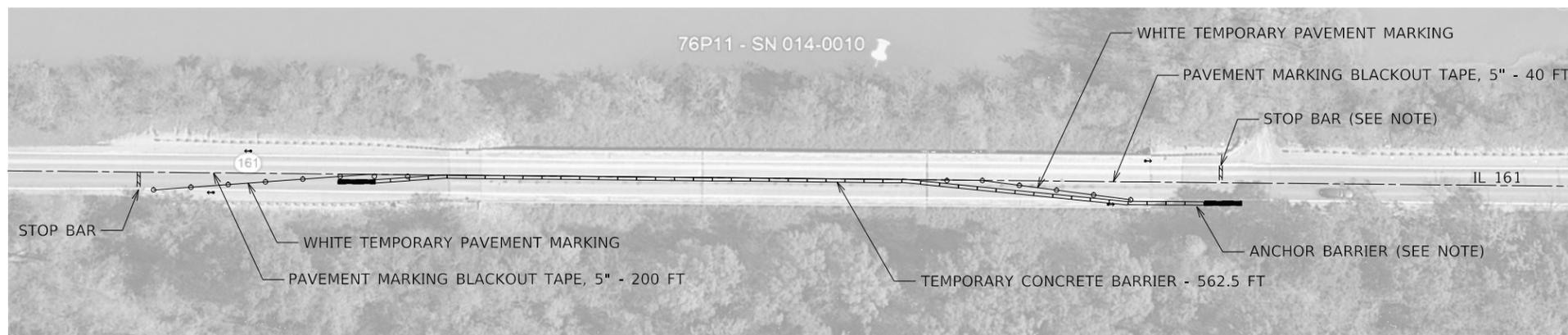
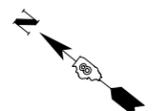
- ▬ TEMPORARY CONCRETE BARRIER
- ⊕ TEMPORARY BRIDGE TRAFFIC SIGNALS
- ▬ IMPACT ATTENUATOR, TEMPORARY NON-REDIRECTIVE TEST LEVEL 3
- DRUM WITH STEADY BURING BI-DIRECTIONAL LIGHT



SECTION ON BRIDGE DECK
(LOOKING EAST)

NOTES

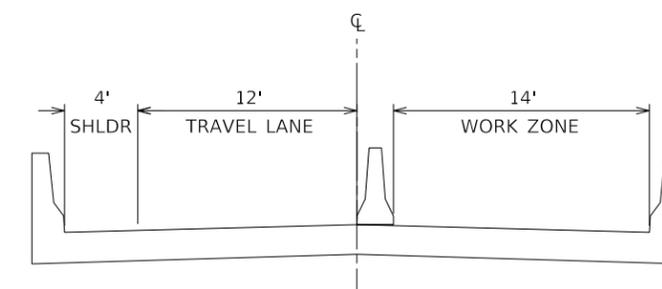
1. STOP BARS SHALL BE PLACED ON WEST SIDE OF FIELD ENTRANCES.
2. THE LAST SECTION OF TEMPORARY CONCRETE BARRIER SHALL BE LOCATED TO THE EAST OF THE APPROACH PAVEMENT TO PREVENT PINNING ON THE BRIDGE DECK OR APPROACH PAVEMENT.
3. FOR DETAILS NOT SHOWN, USE STANDARDS 643001 AND 701321.



SN 014-0010

LEGEND

- ▬ TEMPORARY CONCRETE BARRIER
- ⊕ TEMPORARY BRIDGE TRAFFIC SIGNALS
- ▬ IMPACT ATTENUATOR, TEMPORARY NON-REDIRECTIVE TEST LEVEL 3
- DRUM WITH STEADY BURING BI-DIRECTIONAL LIGHT



SECTION ON BRIDGE DECK
(LOOKING EAST)

NOTES

1. STOP BARS SHALL BE PLACED ON WEST SIDE OF FIELD ENTRANCES.
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3. FOR DETAILS NOT SHOWN, USE STANDARDS 643001 AND 701321.

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| | | |
|------------------------------|------------|-----------|
| USER NAME = Simam | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 12/9/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SN 014-0009 & SN 014-0010
STAGE CONSTRUCTION LAYOUT**

SCALE: 1" = 100' SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------------------|---------|--------------|-----------|
| 805 | 127BR-BP-1, 127BR-1-BP-1 | CLINTON | 4 | 4 |
| CONTRACT NO. 76P11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |