

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

| F.A.P. RTE. | SECTION      | COUNTY   | TOTAL SHEETS       | SHEET NO. |
|-------------|--------------|----------|--------------------|-----------|
| 17          | (101BR-2)BDR | OGLE     | 37                 | 1         |
|             |              | ILLINOIS | CONTRACT NO. 64T05 |           |

D-92-048-25



FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION

IL 64

MINOR ARTERIAL

TRAFFIC DATA

IL 64

AADT - 625 (2021)

POSTED SPEED LIMIT = 55 MPH

DESIGN SPEED = 55 MPH

BROOKVILLE TOWNSHIP

FAP ROUTE 17 (IL 64)  
SECTION (101BR-2)BDR  
PROJECT BR-GV7V(804)  
BRIDGE REHABILITATION  
OGLE COUNTY

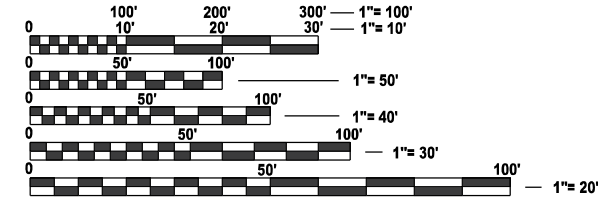
C-92-029-24

24N 7E

BEGIN IMPROVEMENT  
IL 64  
STA. 14+48.00



BY: *Stephanie Carson* DATE: 06/20/2025  
HDR ENGINEERING, INC.  
DWGS. 1-16  
LICENSE EXPIRES NOV. 30, 2025



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 LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

END IMPROVEMENT  
IL 64  
STA. 22+30.00

PROJECT MANAGER: DERRICK LOPEZ (815-284-5398)  
E-MAIL: DERRICK.LOPEZ@ILLINOIS.GOV

CONTRACT NO. 64T05

LOCATION MAP  
SCALE = N.T.S.  
GROSS LENGTH = 782 FT. = 0.15 MILE  
NET LENGTH = 782 FT. = 0.15 MILE

**HDR**  
HDR Engineering, Inc.  
DESIGN FIRM REGISTRATION NUMBER 184.001070  
9450 W. Bryn Mawr Ave., Suite 400  
Rosemont, IL 60018  
773-380-7900

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 6 20 25  
*Misha Thompson*  
REGIONAL ENGINEER

October 3 20 25  
*See E.A. etc*  
ENGINEER OF DESIGN AND ENVIRONMENT

October 3 20 25  
*Chadley*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

| DRAWING NO. | DESCRIPTION   |
|-------------|---|
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HIGHWAY STANDARDS

|           |  |
|-----------|--|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                                 |
| 001001-02 | AREAS OF REINFORCEMENT BARS  |
| 001006    | DECIMAL OF AN INCH AND OF A FOOT   |
| 630001-13 | STEEL PLATE BEAM GUARDRAIL   |
| 630301-09 | SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS                   |
| 631031-18 | TRAFFIC BARRIER TERMINAL, TYPE 6   |
| 701001-02 | OFF ROAD- OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY                     |
| 701006-05 | OFF ROAD- OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE |
| 701011-04 | OFF ROAD-MOVING OPERATIONS, 2L, 2W, DAY ONLY                                 |
| 701201-05 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH                          |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS                                  |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY                           |
| 701321-19 | LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER                             |
| 701326-04 | LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH                  |
| 701901-10 | TRAFFIC CONTROL DEVICES  |
| 704001-08 | TEMPORARY CONCRETE BARRIER   |
| 725001-01 | OBJECT AND TERMINAL MARKERS  |
| 780001-05 | TYPICAL PAVEMENT MARKINGS  |
| 782006-01 | GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS                        |

GENERAL NOTES

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2022 AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 1, 2025; THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT STANDARD.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS. ALIGNMENT AND STATION SHOWN ON THE PLANS ARE FOR INFORMATION ONLY. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO VARIATIONS FOUND IN THE FIELD. ANY ADJUSTMENTS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED BY THE ENGINEER.

IDOT DISTRICT 2 OPERATIONS TRAFFIC CONTROL SUPERVISOR SHALL BE CONTACTED AT 815-284-5474 FOR CONTROLLER PROGRAMMING AND TIMING APPROVAL PRIOR TO ACTIVATING THE TEMPORARY BRIDGE TRAFFIC SIGNALS. ADDITIONALLY, THE SUPERVISOR SHALL BE NOTIFIED A MINIMUM OF 5 WORKING DAYS PRIOR TO PLACING PERMANENT PAVEMENT MARKING.

THE AREA TO BE TACKED OR PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAY'S PRODUCTION, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.

TO HELP AVOID EXCESS DROP OFFS AT THE EDGE OF PAVEMENT, AGGREGATE SHOULDER MATERIAL OF THE TYPE SPECIFIED IN THE PLANS SHALL BE PLACED PRIOR TO ANY BITUMINOUS MATERIAL. THE AGGREGATE MATERIAL SHALL BE PLACED FLUSH WITH THE EXISTING PAVEMENT OR AT THE ELEVATION OF ANY PROPOSED MILLING. AT NO TIME SHALL THE AGGREGATE SHOULDER MATERIAL BE HIGHER THAN THE EXISTING EDGE OF PAVEMENT. THIS WORK SHALL BE PAID FOR BY THE TON FOR AGGREGATE SHOULDERS OF TYPE SPECIFIED.

THE CONTRACTOR SHALL SUBMIT A SEQUENCE OF CONSTRUCTION OPERATION TO THE RESIDENT ENGINEER FOR APPROVAL BEFORE THIS PROJECT IS STARTED.

THE EXCAVATED MATERIALS FROM EARTH EXCAVATION WIDENING, GRADING AND SHAPING DITCHES, AND EXCAVATING AND GRADING SHOULDERS SHALL BE USED TO BUILD UP THE SHOULDER THROUGHOUT THE JOB TO CONFORM WITH THE TYPICAL SECTIONS AND SHOULDER WIDENING FOR TERMINALS AS SHOWN ON THE PLANS.

THE CONTRACTOR SHALL SUPPLY THE RESIDENT ENGINEER WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS FOR THE TYPE OF STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (TANGENT) OR STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE I SPECIAL (FLARED).

DELINEATORS SHALL BE INSTALLED AS SHOWN IN STANDARD 635001, EXCEPT THAT THE POST SHALL BE ROTATED 180° AND ONLY METAL-BACKED DELINEATORS SHALL BE PERMITTED. DELINEATORS SHALL BE PLACED AT THE ENDS OF APPROACH GUARDRAIL TERMINAL SECTIONS, AND AT EACH HEADWALL OR END SECTION OF AR CULVERTS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR DELINEATORS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COLLECTING AND MAINTAINING AN ELECTRONIC LOG OF ALL STAKEOUT SURVEY THAT IS PERFORMED ON THE JOB, EITHER BY HIM/HER OR ANY SUB-CONTRACTOR PERFORMING THE STAKEOUT. UPON REQUEST, ALL LOGS SHALL BE SUBMITTED TO THE DEPARTMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK, BUT SHALL BE CONSIDERED INCLUDED IN THE COST FOR CONSTRUCTION LAYOUT.

PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:

- ALL WORDS, SUCH AS ONLY, SHALL BE 8 FEET HIGH.
- ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE.
- THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8 INCHES, NOT 7 INCHES, AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES.
- CENTERLINE SKIP DASH PAVEMENT MARKING ON MULTI-LANE DIVIDED, MULTI-LANE UNDIVIDED, AND ONE-WAY ROADWAY SHALL BE ACCORDING TO DISTRICT STANDARD 41.1.

IDOT IS NOT A MEMBER OF JULIE. IF YOU ARE NEAR ANY OVERHEAD LIGHTING, INTERSECTION LIGHTING OR TRAFFIC SIGNALS, CONTACT THE IDOT TRAFFIC OFFICE AT (815) 284-5469 AT LEAST 48 HOURS PRIOR TO WORK.

RELOCATE TEMPORARY IMPACT ATTENUATORS SHALL INCLUDE STORAGE AND TRANSPORTATION TO AND FROM STORAGE, WHEN THE DEVICE IS NOT NEEDED FOR A TIME, AS SHOWN ON THE STAGING PLANS. THIS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR IMPACT ATTENUATORS, RELOCATE OF THE TYPE SPECIFIED.

WHEN RELOCATE TEMPORARY CONCRETE BARRIER IS SPECIFIED, THE WALL SHALL BE REMOVED, STORAGE AND TRANSPORTATION TO AND FROM STORAGE, WHEN THE WALL IS NOT NEEDED FOR A TIME AS SHOWN ON THE STAGING PLANS, RELOCATED AND REINSTATED AT THE NEW LOCATION. THE REINSTALLATION REQUIREMENTS SHALL BE THE SAME AS THOSE FOR A NEW INSTALLATION. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR RELOCATE TEMPORARY CONCRETE BARRIER.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

NO STREAM PERMITS HAVE BEEN PROCURED FOR THIS PROJECT. NON ARE REQUIRED FROM THE REGULATORY AGENCIES IF THERE IS NO DEBRIS FALLING OR BEING PLACED INTO THE STREAM. ANY TEMPORARY FILL IN THE STREAM OR THE COMPROMISING OF THE DIKE (IF APPLICABLE) WILL NOT BE ALLOWED. IF THE CONTRACTOR CHOOSES TO USE ALTERNATE/MODIFIED CONSTRUCTION METHOD(S), THEY WILL BE RESPONSIBLE FOR OBTAINING THE PROPER PERMITS. NO RELIEF OR COMPENSATION WILL BE GIVEN FOR ANY DELAYS, WORKING DAYS CHARGED OR CALENDAR DAYS EXPIRED DUE TO THE LOSS OF TIME OR DELAY DURING THE RE-SUBMITTAL PROCESS TO PROCURE THE NECESSARY PERMIT(S) DUE TO THE CONTRACTOR CHOOSING ALTERNATE/MODIFIED CONSTRUCTION METHOD(S). NO CONSTRUCTION ACTIVITIES SHALL TAKE PLACE WITHOUT THE PROPER PERMITS BEING SECURED.

THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1".

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

HMA MIXTURE REQUIREMENTS

| LOCATION AND MIXTURE USE(S): | HMA CONC SURFACE CSE |
|------------------------------|----------------------|
| PG:                          | PG 58-28             |
| DESIGN AIR VOIDS:            | 4.0 @ N50            |
| MIXTURE COMPOSITION:         | IL 9.5               |
| FRICTION AGGREGATE:          | N/A                  |
| MIXTURE WEIGHT:              | 112 LB/SY/IN         |
| QUALITY MANAGMENT PROGRAM:   | QC/QA                |
| SUBLOT SIZE:                 | N/A                  |
| MATERIAL TRANSFER DEVICE:    | N/A                  |

| POLYMERIZED BITUMINOUS MATERIALS<br>(TACK COAT) - APPLICATION RATES * |               |
|---|---------------|
| SURFACE TYPE  | RESIDUAL RATE |
| MILLED (HMA OR PCC)   | 0.05 LB/SQ FT |
| EXISTING PAVEMENT   | 0.05 LB/SQ FT |
| FOG COAT (BETWEEN LIFTS)  | 0.05 LB/SQ FT |

\* POLYMER TACK SHALL BE SS-1HP, CSS-1HP, OR NTEA LISTED MATERIAL

COMMITMENTS:

NONE

MODEL: Index  
FILE NAME: c:\pwworking\central\01\05114159\0264105-Shi-Index.dgn



HDR ENGINEERING, INC.  
9450 W. BRYN MAWR AVE.  
ROSEMONT, IL 60018

|                        |                  |           |
|------------------------|------------------|-----------|
| USER NAME = MANDRUSHKO | DESIGNED - RA    | REVISED - |
|                        | DRAWN - RA       | REVISED - |
|                        | CHECKED - NSA    | REVISED - |
| PLOT DATE = 6/20/2025  | DATE = 6/20/2025 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 64  
INDEX OF SHEETS, GENERAL NOTES, AND HIGHWAY STANDARDS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

| F A P<br>RTE | SECTION      | COUNTY                    | TOTAL<br>SHEETS | SHEET<br>NO. |
|--------------|--------------|---------------------------|-----------------|--------------|
| 17           | (101BR-2)BDR | OGLE                      | 37              | 2            |
|              |              | CONTRACT NO. 64T05        |                 |              |
|              |              | ILLINOIS FED. AID PROJECT |                 |              |

MODEL - Summary of Quantities  
FILE NAME - c:\pwworking\central\01\05114159\0264105-Sht-SQG.dgn

| CODE NO. | DESCRIPTION  | UNIT  | TOTAL QUANTITY | FUNDING 80% FED/ 20% STATE |             |
|----------|--|---|----------------|----------------------------|-------------|
|          |  |   |                | CONSTRUCTION CODE          |             |
|          |  |   |                | ROADWAY 0059               | BRIDGE 0059 |
| 20200600 | EXCAVATING AND GRADING EXISTING SHOULDER             | UNIT  | 1              | 1                          |             |
| 28100109 | STONE RIPRAP, CLASS A5                               | SQ YD   | 265            |                            | 265         |
| 30300112 | AGGREGATE SUBGRADE IMPROVEMENT 12"                   | SQ YD   | 37             | 37                         |             |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT)                    | POUND   | 75             | 75                         |             |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT)                     | POUND   | 247            | 247                        |             |
| 40600372 | LONGITUDINAL JOINT SEALANT, HALF-WIDTH               | FOOT  | 180            | 180                        |             |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT         | SQ YD   | 370            | 370                        |             |
| 40604050 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 | TON   | 64             | 64                         |             |
| 44004250 | PAVED SHOULDER REMOVAL                               | SQ YD   | 6              | 6                          |             |
| 48102100 | AGGREGATE WEDGE SHOULDER, TYPE B                     | TON   | 40             | 40                         |             |
| 48203023 | HOT-MIX ASPHALT SHOULDERS, 6 1/2"                    | SQ YD   | 37             | 37                         |             |
| 50102400 | CONCRETE REMOVAL                                     | CU YD   | 2.6            |                            | 2.6         |
| 50300225 | CONCRETE STRUCTURES                                  | CU YD   | 2.4            |                            | 2.4         |
| 50300255 | CONCRETE SUPERSTRUCTURE                              | CU YD   | 0.2            |                            | 0.2         |
| 50300260 | BRIDGE DECK GROOVING                                 | SQ YD   | 430            |                            | 430         |
| 50300300 | PROTECTIVE COAT                                      | SQ YD   | 467            |                            | 467         |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED                     | POUND   | 220            |                            | 220         |
| *        | 63000001   | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS    | FOOT           | 412.5                      | 412.5       |
| *        | 63100085   | TRAFFIC BARRIER TERMINAL, TYPE 6                    | EACH           | 4                          | 4           |
| *        | 63100169   | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED   | EACH           | 4                          | 4           |
|          | 63200310   | GUARDRAIL REMOVAL                                   | FOOT           | 713                        | 713         |
|          | 67000400   | ENGINEER'S FIELD OFFICE, TYPE A                     | CAL MO         | 2                          | 2           |
|          | 67100100   | MOBILIZATION  | L SUM          | 1                          | 1           |
|          | 70100405   | TRAFFIC CONTROL AND PROTECTION, STANDARD 701321     | EACH           | 1                          | 1           |
|          | 70100450   | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201     | L SUM          | 1                          | 1           |
|          | 70100500   | TRAFFIC CONTROL AND PROTECTION, STANDARD 701326     | L SUM          | 1                          | 1           |
|          | 70103815   | TRAFFIC CONTROL SURVEILLANCE                        | CAL DA         | 2                          | 2           |
|          | 70106500   | TEMPORARY BRIDGE TRAFFIC SIGNALS                    | EACH           | 1                          | 1           |
|          | 70106700   | TEMPORARY RUMBLE STRIPS                             | EACH           | 3                          | 3           |
|          | 70300150   | SHORT TERM PAVEMENT MARKING REMOVAL                 | SQ FT          | 833                        | 833         |
|          | 70307120   | TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE | FOOT           | 2355                       | 2355        |
|          | 70307210   | TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE | FOOT           | 24                         | 24          |

| CODE NO. | DESCRIPTION  | UNIT   | TOTAL QUANTITY | FUNDING 80% FED/ 20% STATE |             |
|----------|--|--|----------------|----------------------------|-------------|
|          |  |  |                | CONSTRUCTION CODE          |             |
|          |  |  |                | ROADWAY 0059               | BRIDGE 0059 |
| 70400100 | TEMPORARY CONCRETE BARRIER                                     | FOOT   | 500            | 500                        |             |
| 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER                            | FOOT   | 500            | 500                        |             |
| 70600250 | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3 | EACH   | 2              | 2                          |             |
| 70600350 | IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3  | EACH   | 2              | 2                          |             |
| *        | 72501000   | TERMINAL MARKER - DIRECT APPLIED                                     | EACH           | 4                          | 4           |
| *        | 78000200   | THERMOPLASTIC PAVEMENT MARKING - LINE 4"                             | FOOT           | 1469                       | 1469        |
| *        | 78009004   | MODIFIED URETHANE PAVEMENT MARKING - LINE 4"                         | FOOT           | 290                        | 290         |
| *        | 78011025   | GROOVING FOR RECESSED PAVEMENT MARKING 5"                            | FOOT           | 1469                       | 1469        |
|          | 78300202   | PAVEMENT MARKING REMOVAL - WATER BLASTING                            | SQ FT          | 587                        | 587         |
|          | X6350110   | DELINEATORS (SPECIAL)  | EACH           | 4                          | 4           |
| *        | X7820007   | GUARDRAIL REFLECTORS, TYPE C (SPECIAL)                               | EACH           | 9                          | 9           |
| *        | X7820008   | BARRIER WALL REFLECTORS (SPECIAL)                                    | EACH           | 2                          | 2           |
|          | Z0001700   | APPROACH SLAB REPAIR (FULL DEPTH)                                    | SQ YD          | 3                          | 3           |
|          | Z0001800   | APPROACH SLAB REPAIR (PARTIAL DEPTH)                                 | SQ YD          | 4                          | 4           |
|          | Z0006012   | BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/4 INCHES                     | SQ YD          | 468                        | 468         |
|          | Z0012130   | BRIDGE DECK SCARIFICATION 3/4"                                       | SQ YD          | 468                        | 468         |
|          | Z0012754   | STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES) | SQ FT          | 3                          | 3           |
|          | Z0013798   | CONSTRUCTION LAYOUT  | L SUM          | 1                          | 1           |
|          | Z0016002   | DECK SLAB REPAIR (FULL DEPTH, TYPE II)                               | SQ YD          | 69                         | 69          |

★ DENOTES SPECIALTY ITEM



HDR ENGINEERING, INC.  
9450 W. BRYN MAWR AVE.  
ROSEMONT, IL 60018

|                        |                  |           |
|------------------------|------------------|-----------|
| USER NAME = MANDRUSHKO | DESIGNED - RA    | REVISED - |
|                        | DRAWN - RA       | REVISED - |
|                        | CHECKED - NSA    | REVISED - |
| PLOT DATE = 6/20/2025  | DATE - 6/20/2025 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 64  
SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A.P RTE.                | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 3         |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |

MODEL - Schedule of Quantities  
FILE NAME: c:\pwworking\central\01\45114\59\264105-SHA-Schedule.dgn

|          |  |        |       |      |      |
|----------|--|--------|-------|------|------|
| 20200600 | EXCAVATING AND GRADING EXISTING SHOULDER |        |       |      |      |
| STA      | STA                                      | OFFSET | SQFT  | SQYD | UNIT |
| 19+49.5  | 20+49.8                                  | RT     | 283.1 | 31.5 | 1    |
| TOTAL    |  |        |       |      | 1    |

|          |                                    |        |       |       |       |
|----------|------------------------------------|--------|-------|-------|-------|
| 30300112 | AGGREGATE SUBGRADE IMPROVEMENT 12" |        |       |       |       |
| STA      | STA                                | OFFSET | SQ FT | SQ YD | SQ YD |
| 19+49.50 | 20+49.76                           | RT     | 331.9 | 36.9  | 36.9  |
| TOTAL    |                                    |        |       |       | 37    |

|          |                                   |           |                          |       |       |
|----------|-----------------------------------|-----------|--------------------------|-------|-------|
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) |           |                          |       |       |
| STA      | STA                               | AREA (SF) | AGG SURFACE RATE (LB/SF) | #APPL | POUND |
| 19+49.5  | 20+49.8                           | 300.8     | 0.25                     | 1     | 75.2  |
| TOTAL    |                                   |           |                          |       | 75    |

|          |                                  |           |                             |       |       |
|----------|----------------------------------|-----------|-----------------------------|-------|-------|
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) |           |                             |       |       |
| STA      | STA                              | AREA (SF) | MILLED SURFACE RATE (LB/SF) | #APPL | POUND |
| 15+60.7  | 18+05.5                          | 2,390     | 0.05                        | 1     | 120.0 |
| 18+74.5  | 21+11.5                          | 2,538     | 0.05                        | 1     | 126.9 |
| TOTAL    |                                  |           |                             |       | 247   |

|          |  |        |        |       |
|----------|--|--------|--------|-------|
| 40600372 | LONGITUDINAL JOINT SEALANT, HALF-WIDTH |        |        |       |
| STA      | STA                                    | OFFSET | LENGTH | TOTAL |
| STAGE 1  |  |        |        |       |
| 17+30.50 | 17+75.50                               | LT     | 45.0   | 45.0  |
| 19+04.50 | 19+49.50                               | LT     | 45.0   | 45.0  |
| STAGE 2  |  |        |        |       |
| 17+30.50 | 17+75.50                               | LT     | 45.0   | 45.0  |
| 19+04.50 | 19+49.50                               | LT     | 45.0   | 45.0  |
| TOTAL    |  |        |        | 180   |

|          |  |        |       |      |       |
|----------|--|--------|-------|------|-------|
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT |        |       |      |       |
| STA      | STA  | OFFSET | SQFT  | SQYD | SQ YD |
| 17+30.5  | 17+75.5                                      | LT/RT  | 1,665 | 185  | 185   |
| 19+04.5  | 19+49.5                                      | LT/RT  | 1,665 | 185  | 185   |
| TOTAL    |  |        |       |      | 370   |

|             |  |           |        |           |             |      |      |
|-------------|--|-----------|--------|-----------|-------------|------|------|
| 40604050    | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 |           |        |           |             |      |      |
| STA         | STA  | AREA (SF) | OFFSET | AREA (SY) | THICK (IN.) | RATE | TON  |
| 15+60.7     | 18+05.5  | 602.0     | RT     | 66.9      | 2.5         | 112  | 9.4  |
| 16+61.9     | 18+05.5  | 346.9     | LT     | 38.5      | 2.5         | 112  | 5.4  |
| 17+30.5     | 17+75.5  | 1,440.0   | RT/LT  | 160.0     | 1.5         | 112  | 13.4 |
| 19+04.5     | 19+49.5  | 1,440.0   | RT/LT  | 160.0     | 1.5         | 112  | 13.4 |
| 18+74.5     | 19+49.5  | 187.5     | RT     | 20.8      | 2.5         | 112  | 2.9  |
| 19+49.5     | 20+49.8  | 331.9     | RT     | 36.9      | 2.5         | 112  | 5.2  |
| 18+74.5     | 21+11.3  | 578.9     | LT     | 64.3      | 2.5         | 112  | 9.0  |
| CONTINGENCY |  |           |        |           |             |      | 5.0  |
| TOTAL       |  |           |        |           |             |      | 64   |

|          |                        |        |       |      |       |
|----------|------------------------|--------|-------|------|-------|
| 44004250 | PAVED SHOULDER REMOVAL |        |       |      |       |
| STA      | STA                    | OFFSET | SQFT  | SQYD | SQ YD |
| 19+49.50 | 19+75.25               | RT     | 48.76 | 5.42 | 5.42  |
| TOTAL    |                        |        |       |      | 6     |

|             |                                  |        |       |       |           |       |            |     |
|-------------|----------------------------------|--------|-------|-------|-----------|-------|------------|-----|
| 48102100    | AGGREGATE WEDGE SHOULDER, TYPE B |        |       |       |           |       |            |     |
| STA         | STA                              | OFFSET | SQ FT | SQ YD | THICKNESS | CU YD | CONVERSION | TON |
| 15+23.10    | 18+05.50                         | RT     | 511   | 57    | 0.67      | 38    | 0.2        | 8   |
| 16+18.96    | 18+05.50                         | LT     | 393   | 44    | 0.67      | 29    | 0.2        | 6   |
| 18+74.50    | 21+44.35                         | LT     | 512   | 57    | 0.67      | 38    | 0.2        | 8   |
| 18+74.50    | 19+80.99                         | RT     | 349   | 39    | 0.67      | 26    | 0.2        | 5   |
| CONTINGENCY |                                  |        |       |       |           |       |            | 13  |
| TOTAL       |                                  |        |       |       |           |       |            | 40  |

|          |                                   |        |       |       |       |
|----------|-----------------------------------|--------|-------|-------|-------|
| 48203023 | HOT-MIX ASPHALT SHOULDERS, 6 1/2" |        |       |       |       |
| STA      | STA                               | OFSSET | SQ FT | SQ YD | SQ YD |
| 19+49.50 | 20+49.76                          | RT     | 331.9 | 36.9  | 36.87 |
| TOTAL    |                                   |        |       |       | 37    |

|          |  |        |       |
|----------|--|--------|-------|
| 63000001 | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS |        |       |
| STA      | STA  | OFFSET | FOOT  |
| 15+91.20 | 17+67.96   | RT     | 175   |
| 16+92.98 | 17+67.96   | LT     | 75    |
| 19+12.02 | 20+74.52   | LT     | 162.5 |
| TOTAL    |  |        | 412.5 |

|          |                                  |      |
|----------|----------------------------------|------|
| 63100085 | TRAFFIC BARRIER TERMINAL, TYPE 6 |      |
| STA      | OFFSET                           | EACH |
| 18+05.50 | LT                               | 1    |
| 18+05.50 | RT                               | 1    |
| 18+74.50 | LT                               | 1    |
| 18+74.50 | RT                               | 1    |
| TOTAL    |                                  | 4    |

|          |   |      |
|----------|---|------|
| 63100169 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED |      |
| STA      | OFFSET  | EACH |
| 15+55.60 | RT  | 1    |
| 16+55.64 | LT  | 1    |
| 19+49.34 | RT  | 1    |
| 21+11.84 | LT  | 1    |
| TOTAL    |   | 4    |

|          |                   |        |       |
|----------|-------------------|--------|-------|
| 63200310 | GUARDRAIL REMOVAL |        |       |
| STA      | STA               | OFFSET | FOOT  |
| 15+56.51 | 18+05.50          | RT     | 249.7 |
| 16+57.51 | 18+05.50          | LT     | 148.6 |
| 18+74.50 | 19+44.06          | RT     | 70.1  |
| 18+74.50 | 21+17.29          | LT     | 243.5 |
| TOTAL    |                   |        | 713   |

|                   |                         |   |
|-------------------|-------------------------|---|
| 70106700          | TEMPORARY RUMBLE STRIPS |   |
| EACH              |                         |   |
| STAGE 1 & STAGE 2 |                         | 3 |
| TOTAL             |                         | 3 |



MODEL: Schedule of Quantities 2  
FILE NAME: c:\pwworking\central\145114159\264105-SHA-Schedule.dgn



HDR ENGINEERING, INC.  
9450 W. BRYN MAWR AVE.  
ROSEMONT, IL 60018

|           |              |            |             |           |  |
|-----------|--------------|------------|-------------|-----------|--|
| USER NAME | = MANDRUSHKO | DESIGNED - | RA          | REVISED - |  |
|           |              | DRAWN -    | RA          | REVISED - |  |
|           |              | CHECKED -  | NSA         | REVISED - |  |
| PLOT DATE | = 6/19/2025  | DATE       | = 6/20/2025 | REVISED - |  |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 64  
SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

|               |              |                    |                  |              |
|---------------|--------------|--------------------|------------------|--------------|
| F.A.P<br>RTE. | SECTION      | COUNTY             | TOTAL<br>SHEETS  | SHEET<br>NO. |
| 17            | (101BR-2)BDR | OGLE               | 37               | 5            |
|               |              | CONTRACT NO. 64T05 |                  |              |
|               |              | ILLINOIS           | FED. AID PROJECT |              |

|          |                                     |        |        |        |            |       |
|----------|-------------------------------------|--------|--------|--------|------------|-------|
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL |        |        |        |            |       |
| STA      | STA                                 | OFFSET | LENGTH | FACTOR | WIDTH (FT) | SQ FT |
| STAGE 1  |                                     |        |        |        |            |       |
| 14+95.50 | 22+28.57                            | LT/RT  | 735    | 1      | 0.33       | 244.9 |
| 16+19.50 | 20+60.50                            | RT     | 441    | 1      | 0.33       | 147.1 |
| STAGE 2  |                                     |        |        |        |            |       |
| 14+48.35 | 21+84.50                            | LT/RT  | 738    | 1      | 0.33       | 245.9 |
| 16+19.50 | 20+60.50                            | RT     | 442    | 1      | 0.33       | 147.3 |
| 14+35.50 | 14+35.50                            | RT     | 12     | 1      | 2.00       | 24.0  |
| 22+44.50 | 22+44.50                            | LT     | 12     | 1      | 2.00       | 24.0  |
| TOTAL    |                                     |        |        |        |            | 833   |

|          |   |        |        |             |       |
|----------|---|--------|--------|-------------|-------|
| 70307120 | TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE |        |        |             |       |
| STA      | STA   | OFFSET | LENGTH | TYPE        | FOOT  |
| STAGE 1  |   |        |        |             |       |
| 14+95.50 | 22+28.57  | LT/RT  | 735    | SOLID WHITE | 735   |
| 16+19.50 | 20+60.50  | RT     | 441    | SOLID WHITE | 441   |
| STAGE 2  |   |        |        |             |       |
| 14+48.35 | 21+84.50  | LT/RT  | 738    | SOLID WHITE | 738   |
| 16+19.50 | 20+60.50  | RT     | 442    | SOLID WHITE | 442   |
| TOTAL    |   |        |        |             | 2,355 |

|          |   |        |        |          |      |
|----------|---|--------|--------|----------|------|
| 70307210 | TEMPORARY PAVEMENT MARKING - LINE 24". TYPE IV TAPE |        |        |          |      |
| STA      | STA   | OFFSET | LENGTH | TYPE     | FOOT |
| STAGE 1  |   |        |        |          |      |
| 14+35.50 | 14+35.50  | RT     | 12     | STOP BAR | 12   |
| 22+44.50 | 22+44.50  | LT     | 12     | STOP BAR | 12   |
| TOTAL    |   |        |        |          | 24   |

|          |                            |        |        |      |
|----------|----------------------------|--------|--------|------|
| 70400100 | TEMPORARY CONCRETE BARRIER |        |        |      |
| STA      | STA                        | OFFSET | LENGTH | FOOT |
| STAGE 1  |                            |        |        |      |
| 16+28.26 | 21+27.47                   | LT/RT  | 500    | 500  |
| TOTAL    |                            |        |        | 500  |

|          |                                     |        |        |      |
|----------|-------------------------------------|--------|--------|------|
| 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER |        |        |      |
| STA      | STA                                 | OFFSET | LENGTH | FOOT |
| STAGE 2  |                                     |        |        |      |
| 15+50.00 | 20+49.15                            | LT/RT  | 500.0  | 500  |
| TOTAL    |                                     |        |        | 500  |

|          |  |      |
|----------|--|------|
| 70600250 | IMPACT ATTENUATORS,<br>TEMPORARY (NON-<br>REDIRECTIVE), TEST LEVEL 3 |      |
| STA      | OFFSET   | EACH |
| STAGE 1  |  |      |
| 16+28.26 | LT   | 1    |
| 21+27.47 | LT   | 1    |
| TOTAL    |  | 2    |

|          |   |      |
|----------|---|------|
| 70600350 | IMPACT ATTENUATORS,<br>RELOCATE (NON-<br>REDIRECTIVE), TEST LEVEL 3 |      |
| STA      | OFFSET  | EACH |
| STAGE 2  |   |      |
| 15+50.00 | RT  | 1    |
| 20+49.15 | RT  | 1    |
| TOTAL    |   | 2    |

|          |                                     |      |
|----------|-------------------------------------|------|
| 72501000 | TERMINAL MARKER -<br>DIRECT APPLIED |      |
| STA      | LT/RT                               | EACH |
| 15+55.60 | RT                                  | 1    |
| 16+55.64 | LT                                  | 1    |
| 19+49.34 | LT                                  | 1    |
| 21+11.84 | RT                                  | 1    |
| TOTAL    |                                     | 4    |

|          |  |        |        |        |             |       |
|----------|--|--------|--------|--------|-------------|-------|
| 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" |        |        |        |             |       |
| STA      | STA                                      | OFFSET | LENGTH | FACTOR | TYPE        | FOOT  |
| 14+48.00 | 17+75.50                                 | LT     | 327.5  | 1      | SOLID WHITE | 328   |
| 19+04.50 | 22+30.00                                 | LT     | 325.5  | 1      | SOLID WHITE | 326   |
| 14+48.00 | 17+75.50                                 | RT     | 327.5  | 1      | SOLID WHITE | 328   |
| 19+04.50 | 22+30.00                                 | RT     | 325.5  | 1      | SOLID WHITE | 326   |
| 14+48.00 | 17+75.50                                 | LT/RT  | 327.5  | 0.25   | SKIP-DASH   | 82    |
| 19+04.50 | 22+30.00                                 | LT/RT  | 325.5  | 0.25   | SKIP-DASH   | 81    |
| TOTAL    |  |        |        |        |             | 1,469 |

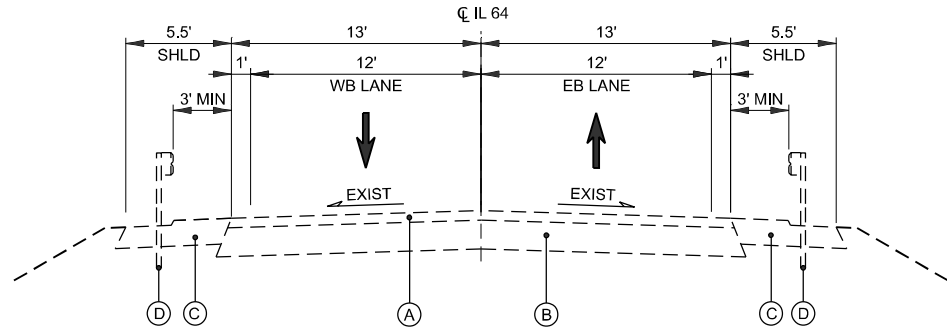
|          |  |        |        |        |             |      |
|----------|--|--------|--------|--------|-------------|------|
| 78009004 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" |        |        |        |             |      |
| STA      | STA  | OFFSET | LENGTH | FACTOR | TYPE        | FOOT |
| 17+75.50 | 19+04.50                                     | LT     | 129    | 1      | SOLID WHITE | 129  |
| 17+75.50 | 19+04.50                                     | RT     | 129    | 1      | SOLID WHITE | 129  |
| 17+75.50 | 19+04.50                                     | LT/RT  | 129    | 0.25   | SKIP-DASH   | 32   |
| TOTAL    |  |        |        |        |             | 290  |

|          |   |        |        |        |            |       |
|----------|---|--------|--------|--------|------------|-------|
| 78300202 | PAVEMENT MARKING REMOVAL - WATER BLASTING |        |        |        |            |       |
| STA      | STA                                       | OFFSET | LENGTH | FACTOR | WIDTH (FT) | SQ FT |
| 14+48.00 | 22+30.00                                  | LT     | 782    | 1      | 0.33       | 261   |
| 14+48.00 | 22+30.00                                  | RT     | 782    | 1      | 0.33       | 261   |
| 14+48.00 | 22+30.00                                  | LT/RT  | 782    | 0.25   | 0.33       | 65    |
| TOTAL    |   |        |        |        |            | 587   |

|                                  |                       |      |
|----------------------------------|-----------------------|------|
| X6350110                         | DELINEATORS (SPECIAL) |      |
| TYPE 1 (SPECIAL)<br>TERMINAL END | OFFSET                | EACH |
| 15+55.60                         | RT                    | 1    |
| 16+55.64                         | LT                    | 1    |
| 19+49.34                         | RT                    | 1    |
| 21+11.84                         | LT                    | 1    |
| TOTAL                            |                       | 4    |

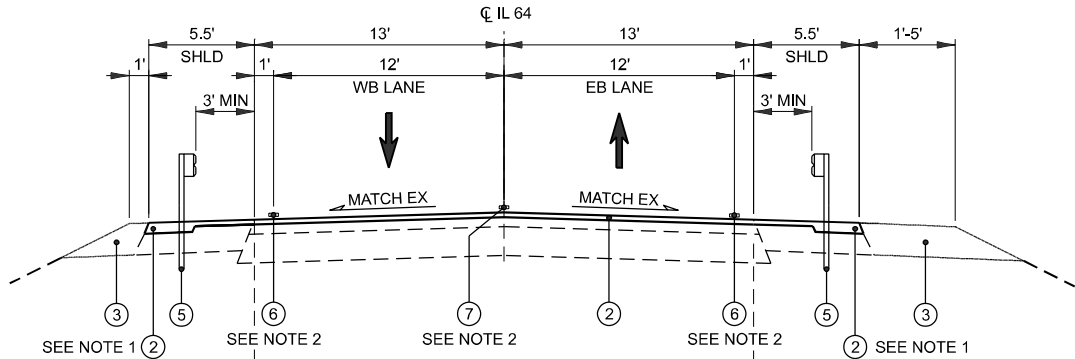
|          |  |        |        |        |         |      |
|----------|--|--------|--------|--------|---------|------|
| X7820007 | GUARDRAIL REFLECTORS, TYPE C (SPECIAL) |        |        |        |         |      |
| STA      | STA                                    | OFFSET | LENGTH | NUMBER | SPACING | EACH |
| 15+55.60 | 18+05.46                               | RT     | 250    | 1      | 80      | 3    |
| 16+55.64 | 18+05.46                               | LT     | 150    | 1      | 80      | 2    |
| 18+74.50 | 19+49.34                               | RT     | 75     | 1      | 80      | 1    |
| 18+74.50 | 21+11.84                               | LT     | 237.5  | 1      | 80      | 3    |
| TOTAL    |  |        |        |        |         | 9    |

|                |                                   |       |        |        |         |      |
|----------------|-----------------------------------|-------|--------|--------|---------|------|
| X7820008       | BARRIER WALL REFLECTORS (SPECIAL) |       |        |        |         |      |
| STA            | STA                               | LT/RT | LENGTH | NUMBER | SPACING | EACH |
| BRIDGE PARAPET |                                   |       |        |        |         |      |
| 18+05.50       | 18+74.50                          | LT/RT | 138    | 2      | 80      | 2    |
| TOTAL          |                                   |       |        |        |         | 2    |



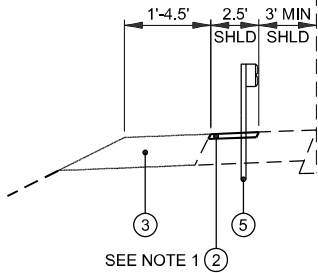
**EXISTING TYPICAL SECTION**

STA. 17+30.50 TO STA. 17+75.50  
BRIDGE AND APPROACH SLAB OMISSION STA. 17+75.50 TO STA. 19+04.50  
STA. 19+04.50 TO STA. 19+49.50



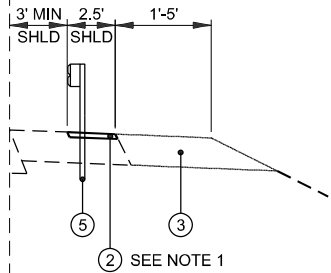
**PROPOSED TYPICAL SECTION**

(PAVEMENT TRANSITION)  
STA. 17+30.50 TO STA. 17+75.50  
BRIDGE AND APPROACH SLAB OMISSION STA. 17+75.50 TO STA. 19+04.50  
STA. 19+04.50 TO STA. 19+49.50



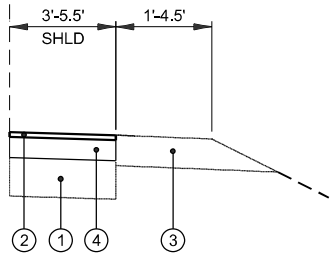
**LEFT SHOULDER**

STA. 16+18.96 TO STA. 17+30.50  
STA. 19+49.50 TO STA. 21+44.35



**RIGHT SHOULDER**

STA. 15+23.10 TO STA. 17+30.50



**RIGHT SHOULDER**

STA. 19+49.50 TO STA. 20+49.75

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (C) EXISTING HOT-MIX ASPHALT SHOULDER
- (D) EXISTING GUARDRAIL

**PROPOSED LEGEND**

- (1) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (2) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50, 1.5"
- (3) AGGREGATE WEDGE SHOULDER, TYPE B
- (4) HOT-MIX ASPHALT SHOULDERS, 6.5"
- (5) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (6) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)  
OR  
MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- (7) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH YELLOW)  
OR  
MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SKIP-DASH YELLOW)

**NOTES**

1. PROPOSED HMA SURFACE COURSE THICKNESS IS SUBJECT TO VARIATIONS FOUND IN THE FIELD.
2. USE THERMOPLASTIC PAVEMENT MARKING ON HMA SURFACE AND MODIFIED URETHANE PAVEMENT MARKING ON CONCRETE SURFACE.

MODEL: Typical  
FILE NAME: c:\paworking\central\0145114159\0264105-Sh-Typical.dgn



HDR ENGINEERING, INC.  
9450 W. BRYN MAWR AVE.  
ROSEMONT, IL 60018

|                        |                |           |
|------------------------|----------------|-----------|
| USER NAME = MANDRUSHKO | DESIGNED - RA  | REVISED - |
|                        | DRAWN - RA     | REVISED - |
|                        | CHECKED - NSA  | REVISED - |
| PLOT DATE = 6/16/2025  | DATE - 6/20/25 | REVISED - |

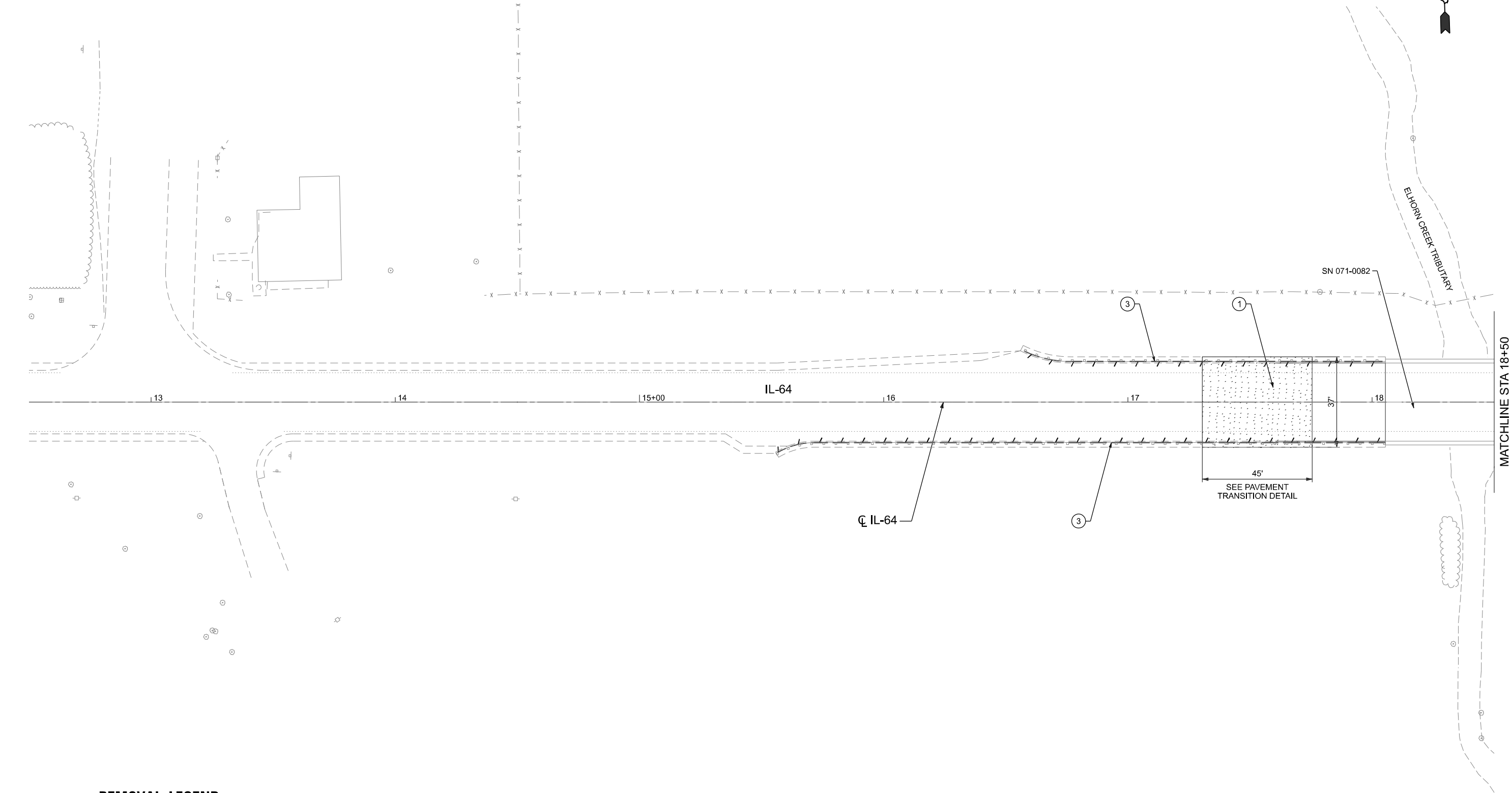
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 64  
EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A.P RTE.                | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 6         |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |

MODEL: Removal\_1  
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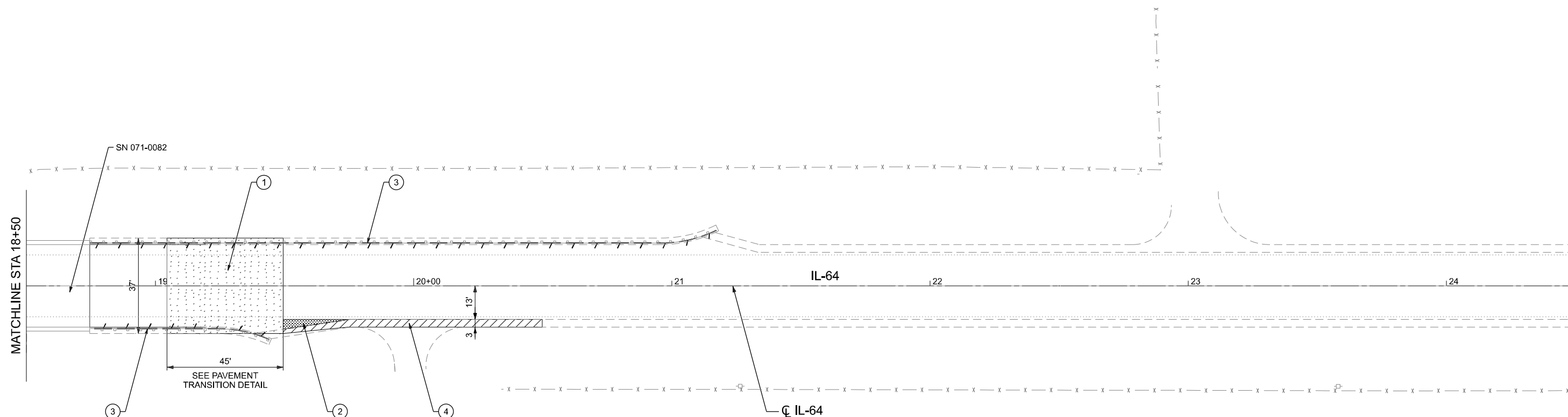


REMOVAL LEGEND

- ① HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- ② PAVED SHOULDER REMOVAL
- ③ EXISTING GUARDRAIL REMOVAL
- ④ EXCAVATING AND GRADING EXISTING SHOULDER



|  |                        |  |                  |           |   |                       |         |             |                    |                  |                           |                 |              |
|--|------------------------|--|------------------|-----------|---|-----------------------|---------|-------------|--------------------|------------------|---------------------------|-----------------|--------------|
|  <div>HDR<br/>HDR ENGINEERING, INC.<br/>9450 W. BRYN MAWR AVE.<br/>ROSEMONT, IL 60018</div> | USER NAME = MANDRUSHKO |  | DESIGNED - RA    | REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | IL 64<br>REMOVAL PLAN |         |             | F.A.P<br>RTE.      | SECTION          | COUNTY                    | TOTAL<br>SHEETS | SHEET<br>NO. |
|  |                        |  | DRAWN - RA       | REVISED - |   |                       |         |             | 17                 | (101BR-2)BDR     | OGLE                      | 37              | 7            |
|  |                        |  | CHECKED - NSA    | REVISED - |   |                       |         |             | CONTRACT NO. 64T05 |                  |                           |                 |              |
|  | PLOT DATE = 6/16/2025  |  | DATE - 6/20/2025 | REVISED - |   | SCALE: 1"=20'         | SHEET 1 | OF 2 SHEETS | STA. 12+50.00      | TO STA. 18+50.00 | ILLINOIS FED. AID PROJECT |                 |              |



## REMOVAL LEGEND

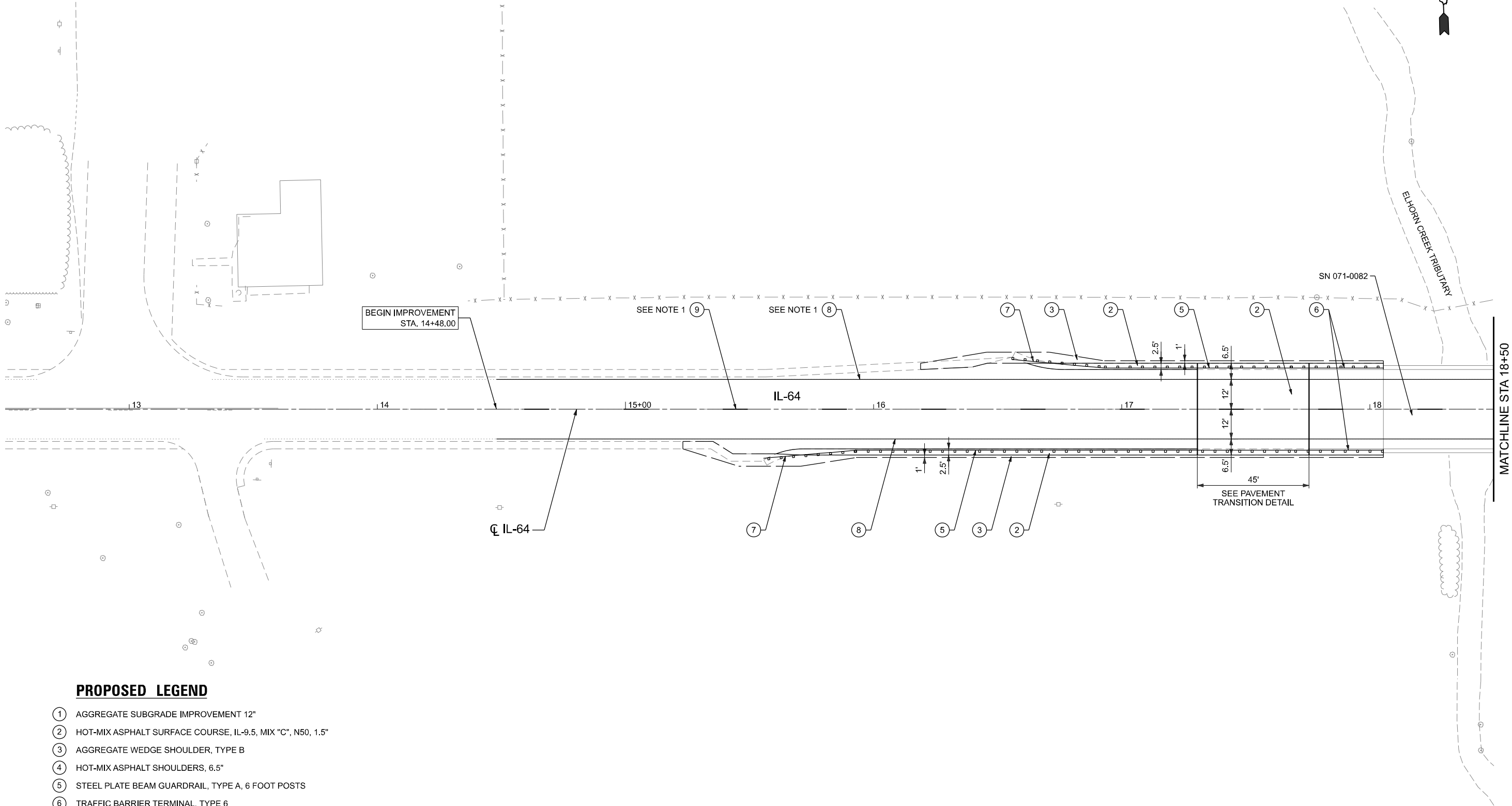
- ① HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- ② PAVED SHOULDER REMOVAL
- ③ EXISTING GUARDRAIL REMOVAL
- ④ EXCAVATING AND GRADING EXISTING SHOULDER



|  |                        |                  |           |  |  |  |  |  |  |                           |              |        |              |           |
|--|------------------------|------------------|-----------|--|--|--|--|--|--|---------------------------|--------------|--------|--------------|-----------|
|  <b>HDR</b> ENGINEERING, INC.<br>9450 W. BRYN MAWR AVE.<br>ROSEMONT, IL 60018 | USER NAME = MANDRUSHKO | DESIGNED - RA    | REVISED - | <div style="text-align: center;"> <b>STATE OF ILLINOIS</b><br/> <b>DEPARTMENT OF TRANSPORTATION</b> </div> | <div style="text-align: center;"> <b>IL 64</b><br/> <b>REMOVAL PLAN</b> </div> |  |  |  |  | F.A.P. RTE.               | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|  |                        | DRAWN - RA       | REVISED - |  |  |  |  |  |  | 17                        | (101BR-2)BDR | OGLE   | 37           | 8         |
|  |                        | CHECKED - NSA    | REVISED - |  | SCALE: 1"=20'<br>SHEET 2 OF 2 SHEETS STA. 18+50.00 TO STA. 24+50.00            |  |  |  |  | CONTRACT NO. 64T05        |              |        |              |           |
|  | PLOT DATE = 6/16/2025  | DATE - 6/20/2025 | REVISED - |  |  |  |  |  |  | ILLINOIS FED. AID PROJECT |              |        |              |           |

NOTES

1. USE THERMOPLASTIC PAVEMENT MARKING ON HMA SURFACE AND  
MODIFIED URETHANE PAVEMENT MARKING ON CONCRETE SURFACE.



PROPOSED LEGEND

- 1 AGGREGATE SUBGRADE IMPROVEMENT 12"
- 2 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50, 1.5"
- 3 AGGREGATE WEDGE SHOULDER, TYPE B
- 4 HOT-MIX ASPHALT SHOULDERS, 6.5"
- 5 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- 6 TRAFFIC BARRIER TERMINAL, TYPE 6
- 7 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- 8 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)  
OR  
MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- 9 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH YELLOW)  
OR  
MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SKIP-DASH YELLOW)

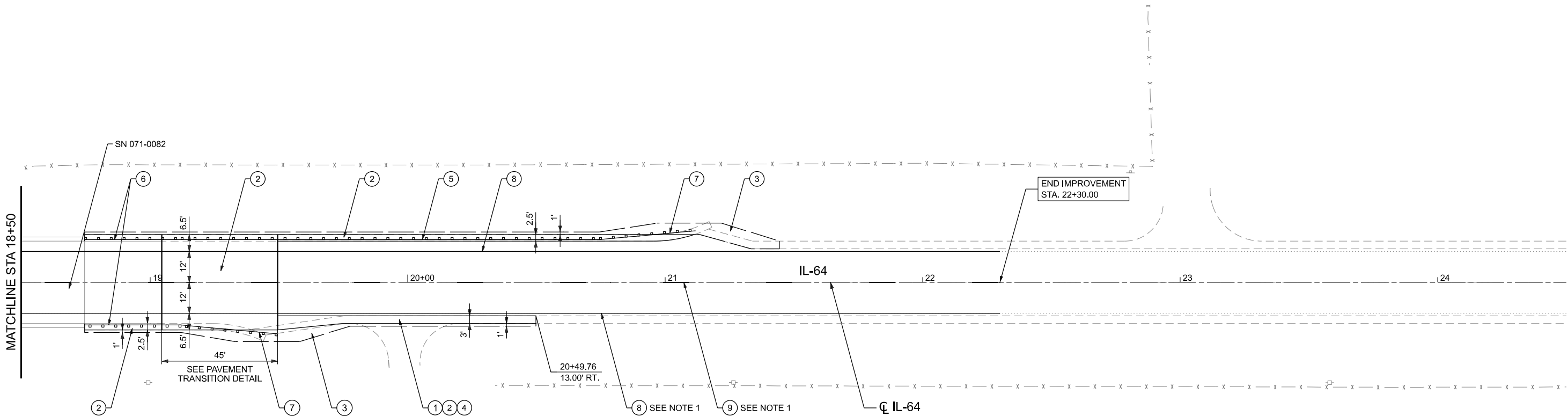


MODEL: Proposed\_1  
FILE NAME: c:\pwworking\central\0145114159\0264105-SHA-Proposed.dgn

|  |                        |  |                  |           |   |                                |         |             |                    |                  |                           |                 |              |
|--|------------------------|--|------------------|-----------|---|--------------------------------|---------|-------------|--------------------|------------------|---------------------------|-----------------|--------------|
| <div><div><div></div></div><div><div>HDR</div><div>HDR ENGINEERING, INC.<br/>9450 W. BRYN MAWR AVE.<br/>ROSEMONT, IL 60018</div></div></div> | USER NAME = MANDRUSHKO |  | DESIGNED - RA    | REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | IL 64<br>PROPOSED ROADWAY PLAN |         |             | F.A.P<br>RTE.      | SECTION          | COUNTY                    | TOTAL<br>SHEETS | SHEET<br>NO. |
|  |                        |  | DRAWN - RA       | REVISED - |   |                                |         |             | 17                 | (101BR-2)BDR     | OGLE                      | 37              | 9            |
|  |                        |  | CHECKED - NSA    | REVISED - |   |                                |         |             | CONTRACT NO. 64T05 |                  |                           |                 |              |
|  | PLOT DATE = 6/16/2025  |  | DATE - 6/20/2025 | REVISED - |   | SCALE: 1"=20'                  | SHEET 1 | OF 2 SHEETS | STA. 12+50.00      | TO STA. 18+50.00 | ILLINOIS FED. AID PROJECT |                 |              |

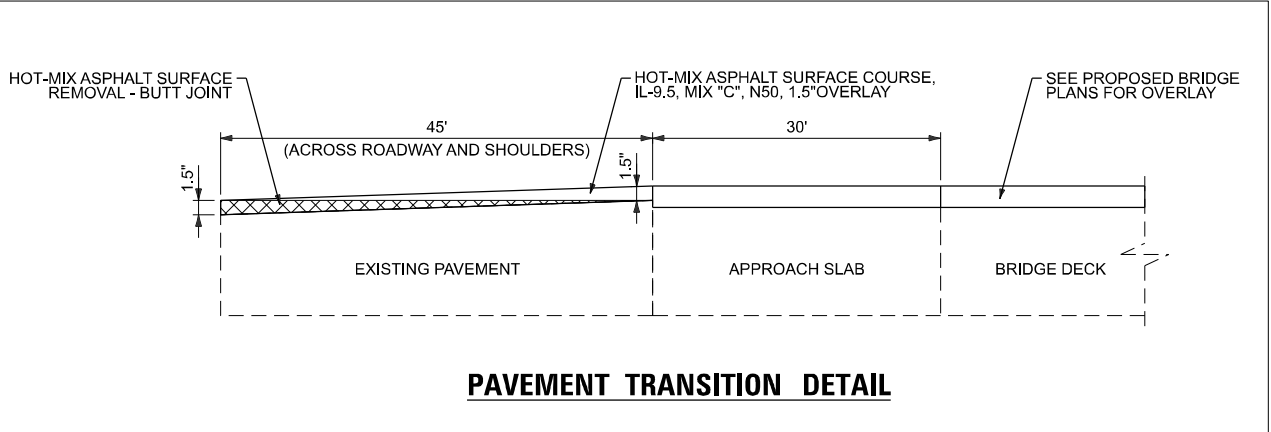
NOTES

1. USE THERMOPLASTIC PAVEMENT MARKING ON HMA SURFACE AND  
MODIFIED URETHANE PAVEMENT MARKING ON CONCRETE SURFACE.



PROPOSED LEGEND

- ① AGGREGATE SUBGRADE IMPROVEMENT 12"  
② HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50, 1.5"  
③ AGGREGATE WEDGE SHOULDER, TYPE B  
④ HOT-MIX ASPHALT SHOULDERS, 6.5"  
⑤ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS  
⑥ TRAFFIC BARRIER TERMINAL, TYPE 6  
⑦ TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED  
⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)  
OR  
MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID WHITE)  
⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH YELLOW)  
OR  
MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SKIP-DASH YELLOW)



PAVEMENT TRANSITION DETAIL



MODEL: Proposed\_2  
FILE NAME: c:\pwworking\central\0145114159\264105-SHA-Proposed.dgn



HDR ENGINEERING, INC.  
9450 W. BRYN MAWR AVE.  
ROSEMONT, IL 60018

|                        |                  |           |
|------------------------|------------------|-----------|
| USER NAME = MANDRUSHKO | DESIGNED - RA    | REVISED - |
|                        | DRAWN - RA       | REVISED - |
|                        | CHECKED - NSA    | REVISED - |
| PLOT DATE = 6/16/2025  | DATE - 6/20/2025 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 64  
PROPOSED ROADWAY PLAN

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 18+50.00 TO STA. 24+50.00

| F.A.P. RTE.               | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 10        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |

## MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ALL STAGING DETAILS SHALL BE IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701321 AND PAID FOR AT THE CONTRACT UNIT PRICE PER EACH LOCATION.
2. ALL WORK WITHOUT TEMPORARY TRAFFIC SIGNALS IN PLACE SHALL BE IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701201 AND 701326.
3. EXISTING OR TEMPORARY PAVEMENT MARKINGS SHALL BE ON BOTH SIDES OF THE OPEN LANE FROM STOP BAR TO STOP BAR. PAVEMENT MARKINGS THAT BE IN CONFLICT WITH STAGED TRAFFIC MARKINGS SHALL BE REMOVED USING PAVEMENT MARKING REMOVAL - WATER BLASTING (78300202). THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION STANDARDS 701321 AND PAY ITEM 78300202.
4. ADDITIONAL SIGNAGE SHOWN ON THE TRAFFIC CONTROL SHEETS WHICH ARE NOT PART OF HIGHWAY STANDARD 701321 SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION STANDARD 701321.
5. STAGE 1 DECK SCARIFICATION SHALL TAKE PLACE PRIOR TO DECK REMOVALS REQUIRED FOR DECK SLAB REPAIRS (FULL DEPTH). A STEEL ROAD PLATE SHALL BE PROVIDED OVER THE OPEN DECK REMOVAL LOCATED AT THE CENTERLINE OF IL 64. THE PROVIDED STEEL PLATES MUST BE SUFFICIENT TO SPAN THE DECK REMOVAL OPENING WITH A MINIMUM OVERLAP OF 12 INCHES BEYOND THE REMOVAL. THE CONTRACTOR SHALL SECURE THE STEEL ROAD PLATES WITHOUT DAMAGING THE EXISTING BRIDGE DECK. COST OF STEEL ROAD PLATE IS INCLUDED WITH DECK SLAB REPAIR (FULL DEPTH).

### **SUGGESTED IL-64 TRAFFIC CONTROL NOTES**

## PRE-STAGE CONSTRUCTION

1. CONSTRUCT PROPOSED EASTBOUND HMA SHOULDER FROM STA. 19+49.50 TO STA. 20+49.76

## TRAFFIC

1. CLOSE EASTBOUND LANE AS REQUIRED USING HIGHWAY STANDARD 701326.

## STAGE 1

### CONSTRUCTION

1. MILL WESTBOUND BRIDGE DECK, APPROACH SLAB, PAVEMENT, AND PERFORM BRIDGE REPAIRS. OVERLAY WESTBOUND BRIDGE, CONSTRUCT PAVEMENT TRANSITION AND SHOULDER, INSTALL GUARDRAIL, AND STRUCTURE REPAIRS.

## TRAFFIC

1. CLOSE WESTBOUND LANE TRANSITIONING WESTBOUND AND EASTBOUND TRAFFIC INTO THE EASTBOUND LANE AND SHOULDER USING HIGHWAY STANDARD 701321 AND AS DETAILED IN THE MAINTENANCE OF TRAFFIC STAGE I TYPICAL SECTION AND PLANS.

## STAGE 2

## CONSTRUCTION

1. MILL EASTBOUND BRIDGE DECK, APPROACH SLAB, PAVEMENT, AND PERFORM BRIDGE REPAIRS. OVERLAY EASTBOUND BRIDGE, CONSTRUCT PAVEMENT TRANSITION AND SHOULDER, INSTALL GUARDRAIL, AND STRUCTURE REPAIRS.

## TRAFFIC

1. CLOSE EASTBOUND LANE TRANSITIONING WESTBOUND AND EASTBOUND TRAFFIC INTO THE WESTBOUND LANE AND SHOULDER USING HIGHWAY STANDARD 701321 AND AS DETAILED IN THE MAINTENANCE OF TRAFFIC STAGE II TYPICAL SECTION AND PLANS.

## POST STAGE CONSTRUCTION

1. REMOVE TEMPORARY PAVEMENT MARKINGS, TEMPORARY SIGNALS, AND TEMPORARY CONCRETE BARRIER. CONDUCT WORKSITE CLEANUP, PLACE FINAL PAVEMENT MARKINGS, AND PROTECTIVE COAT.

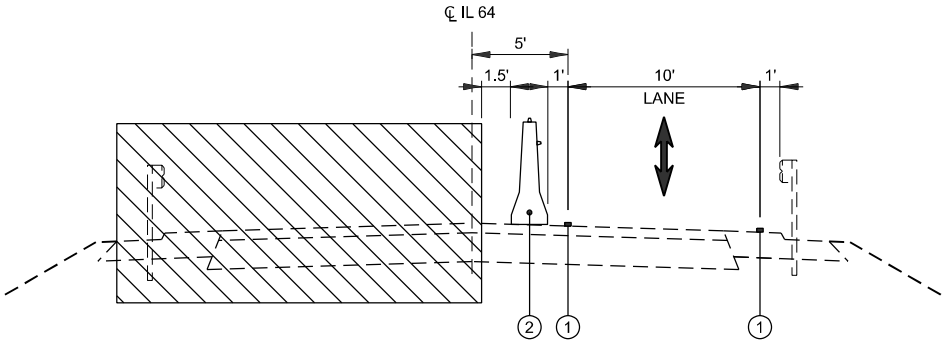
## TRAFFIC

1. UTILIZE STANDARD 701301 AND 701311 FOR SHORT TERM LANE CLOSURES.



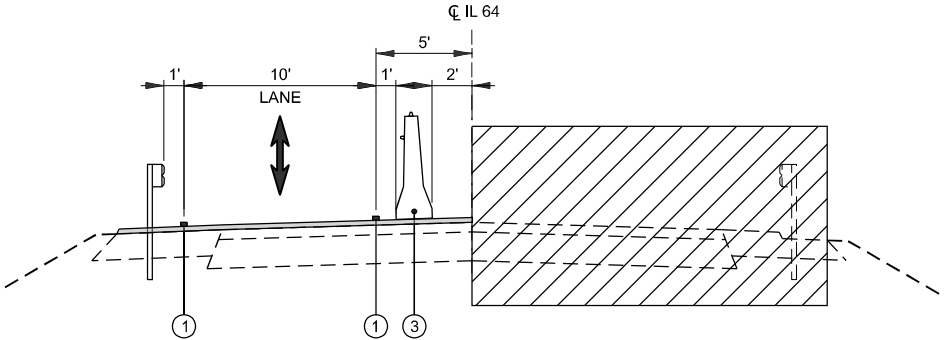
MOT SYMBOL LEGEND

- WORK AREA
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER



MOT TYPICAL SECTION STAGE 1

STA. 16+55.50 TO STA. 20+24.50



MOT TYPICAL SECTION STAGE 2

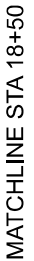
STA. 16+55.50 TO STA. 20+24.50

MOT PROPOSED LEGEND

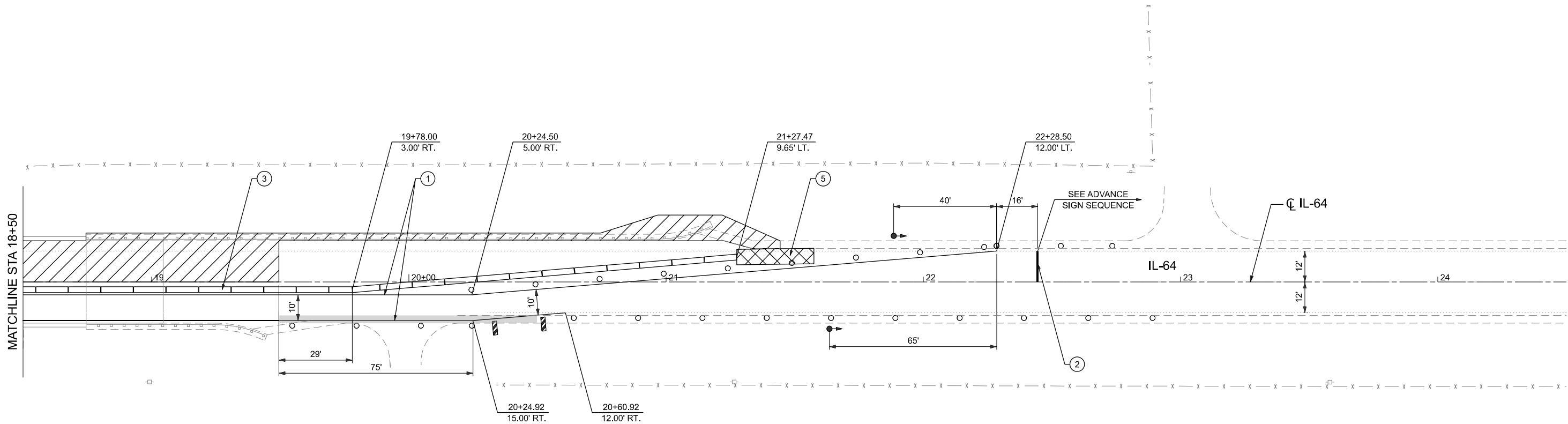
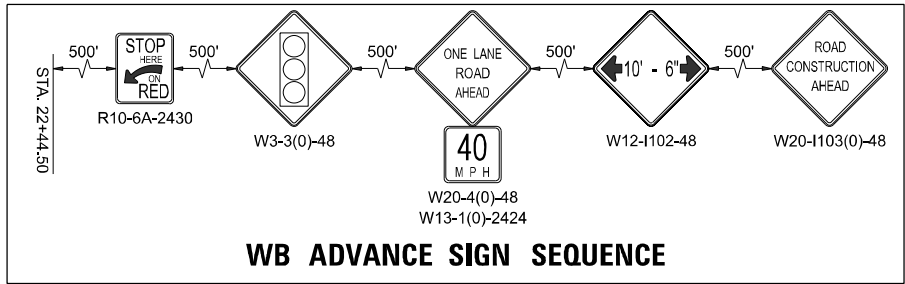
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)
- ② TEMPORARY CONCRETE BARRIER
- ③ RELOCATE TEMPORARY CONCRETE BARRIER

MODEL: MOT Typical  
FILE NAME: c:\pwworking\central\0145114159\0264105-SH-MOT02.dgn

|  |                        |                  |           |   |                               |  |         |                           |              |        |                 |              |
|--|------------------------|------------------|-----------|---|-------------------------------|--|---------|---------------------------|--------------|--------|-----------------|--------------|
| <div><div></div><div>HDR</div><div>HDR ENGINEERING, INC.<br/>9450 W. BRYN MAWR AVE.<br/>ROSEMONT, IL 60018</div></div> | USER NAME = MANDRUSHKO | DESIGNED - RA    | REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | IL 64<br>MOT TYPICAL SECTIONS |  |         | F.A.P<br>RTE.             | SECTION      | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|  |                        | DRAWN - RA       | REVISED - |   |                               |  |         | 17                        | (101BR-2)BDR | OGLE   | 37              | 12           |
|  |                        | CHECKED - NSA    | REVISED - |   |                               |  |         | CONTRACT NO. 64T05        |              |        |                 |              |
|  | PLOT DATE = 6/16/2025  | DATE - 6/20/2025 | REVISED - |   |                               |  |         | ILLINOIS FED. AID PROJECT |              |        |                 |              |
|  |                        |                  |           | SCALE:  |                               |  | SHEET 2 | OF 6                      | SHEETS       | STA.   | TO STA.         |              |



|   |                        |                   |           |   |                                  |         |      |        |               |                  |              |        |                 |              |
|---|------------------------|-------------------|-----------|---|----------------------------------|---------|------|--------|---------------|------------------|--------------|--------|-----------------|--------------|
| <div><div>HDR</div><div>HDR ENGINEERING, INC.<br/>9450 W. BRYN MAWR AVE.<br/>ROSEMONT, IL 60018</div></div> | USER NAME = MANDRUSHKO | DESIGNED - RA     | REVISED - | <div>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</div> | <div>IL 64<br/>MOT STAGE 1</div> |         |      |        |               | F.A.P<br>RTE.    | SECTION      | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|   |                        | DRAWN - RA        | REVISED - |   |                                  |         |      |        |               | 17               | (101BR-2)BDR | OGLE   | 37              | 13           |
|   |                        | CHECKED - NSA     | REVISED - |   | CONTRACT NO. 64T05               |         |      |        |               |                  |              |        |                 |              |
|   | PLOT DATE = 6/16/2025  | DATE - 06/20/2025 | REVISED - |   |                                  |         |      |        |               |                  |              |        |                 |              |
|   |                        |                   |           |   | SCALE: 1"=20'                    | SHEET 3 | OF 6 | SHEETS | STA. 12+50.00 | TO STA. 18+50.00 |              |        |                 |              |



**MOT SYMBOL LEGEND**

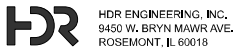
- WORK ZONE
- COMPLETED PAVEMENT
- DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHT (DRUMS AT 25' CENTERS ALONG TAPER)
- TEMPORARY CONCRETE BARRIER
- TEMPORARY TRAFFIC ATTENUATOR
- TYPE III BARRICADE
- TEMPORARY TRAFFIC SIGNAL
- VERTICAL PANELS

**MOT PROPOSED LEGEND**

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
- ③ TEMPORARY CONCRETE BARRIER
- ④ RELOCATE TEMPORARY CONCRETE BARRIER
- ⑤ IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3
- ⑥ IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3



MODEL: MOT Stage 1,2  
FILE NAME: c:\pwworking\central\0145114159\0264105-SH-MOT03.dgn



USER NAME = MANDRUSHKO  
DESIGNED - RA  
DRAWN - RA  
CHECKED - NSA  
PLOT DATE = 6/16/2025

DESIGNED - RA  
DRAWN - RA  
CHECKED - NSA  
DATE - 06/20/2025

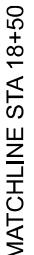
REVISED -  
REVISED -  
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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

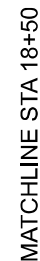
**IL 64  
MOT STAGE 1**

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 18+50.00 TO STA. 24+50.00

| F.A.P. RTE.               | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 14        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |



|   |                        |                   |           |  |   |              |      |        |               |                  |                  |        |              |           |
|---|------------------------|-------------------|-----------|--|---|--------------|------|--------|---------------|------------------|------------------|--------|--------------|-----------|
| <div><div>HDR</div><div>HDR ENGINEERING, INC.<br/>9450 W. BRYN MAWR AVE.<br/>ROSEMONT, IL 60018</div></div> | USER NAME = MANDRUSHKO | DESIGNED - RA     | REVISED - | <div>STATE OF ILLINOIS</div> <div>DEPARTMENT OF TRANSPORTATION</div> | <div>IL 64</div> <div>MOT STAGE 2</div> |              |      |        |               | F.A.P RTE.       | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|   |                        | DRAWN - RA        | REVISED - |  | 17                                      | (101BR-2)BDR | OGLE | 37     | 15            |                  |                  |        |              |           |
|   |                        | CHECKED - NSA     | REVISED - |  | CONTRACT NO. 64T05                      |              |      |        |               |                  |                  |        |              |           |
|   | PLOT DATE = 6/16/2025  | DATE - 06/20/2025 | REVISED - |  |   |              |      |        |               |                  |                  |        |              |           |
|   |                        |                   |           |  | SCALE: 1"=20'                           | SHEET 5      | OF 6 | SHEETS | STA. 12+50.00 | TO STA. 18+50.00 |                  |        |              |           |
|   |                        |                   |           |  |   |              |      |        |               | ILLINOIS         | FED. AID PROJECT |        |              |           |



| F.A.P.<br>RTE. | SECTION      | COUNTY             | TOTAL<br>SHEETS | SHEET<br>NO. |
|----------------|--------------|--------------------|-----------------|--------------|
| 17             | (101BR-2)BDR | OGLE               | 37              | 16           |
|                |              | CONTRACT NO. 64T05 |                 |              |
| ILLINOIS       |              | FED. AID PROJECT   |                 |              |

Existing Structure: S.N. 071-0082, originally built in 1993 as a three span reinforced concrete slab bridge on open abutments and piers with steel H-piles. 70'-0" back-to-back of abutments, 35'-2" out-to-out.

Traffic to be maintained utilizing stage construction and one-way, signalized traffic.

No salvage.

### SCOPE OF WORK

1. Complete  $\frac{3}{4}$ " bridge deck and approach slab scarification on bridge slab and approach slabs.
2. Perform partial and full depth repairs to bridge deck and approach slabs.
3. Place Bridge Deck Latex Concrete Overlay  $2\frac{1}{4}$ " on bridge slab and approach slabs.
4. Modify bridge deck parapet ends.
5. Reconstruct Concrete Pile Encasement Protection at Pier 1.
6. Apply Protective Coat on the top surface of the deck overlay on bridge slab, approach slabs, and new concrete at parapet reconstruction.
7. Reconstruct riprap protection at West Abutment slope.
8. Add riprap along base of East Abutment cap.

### DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

### LOADING HS20-44

No allowance for future wearing surface

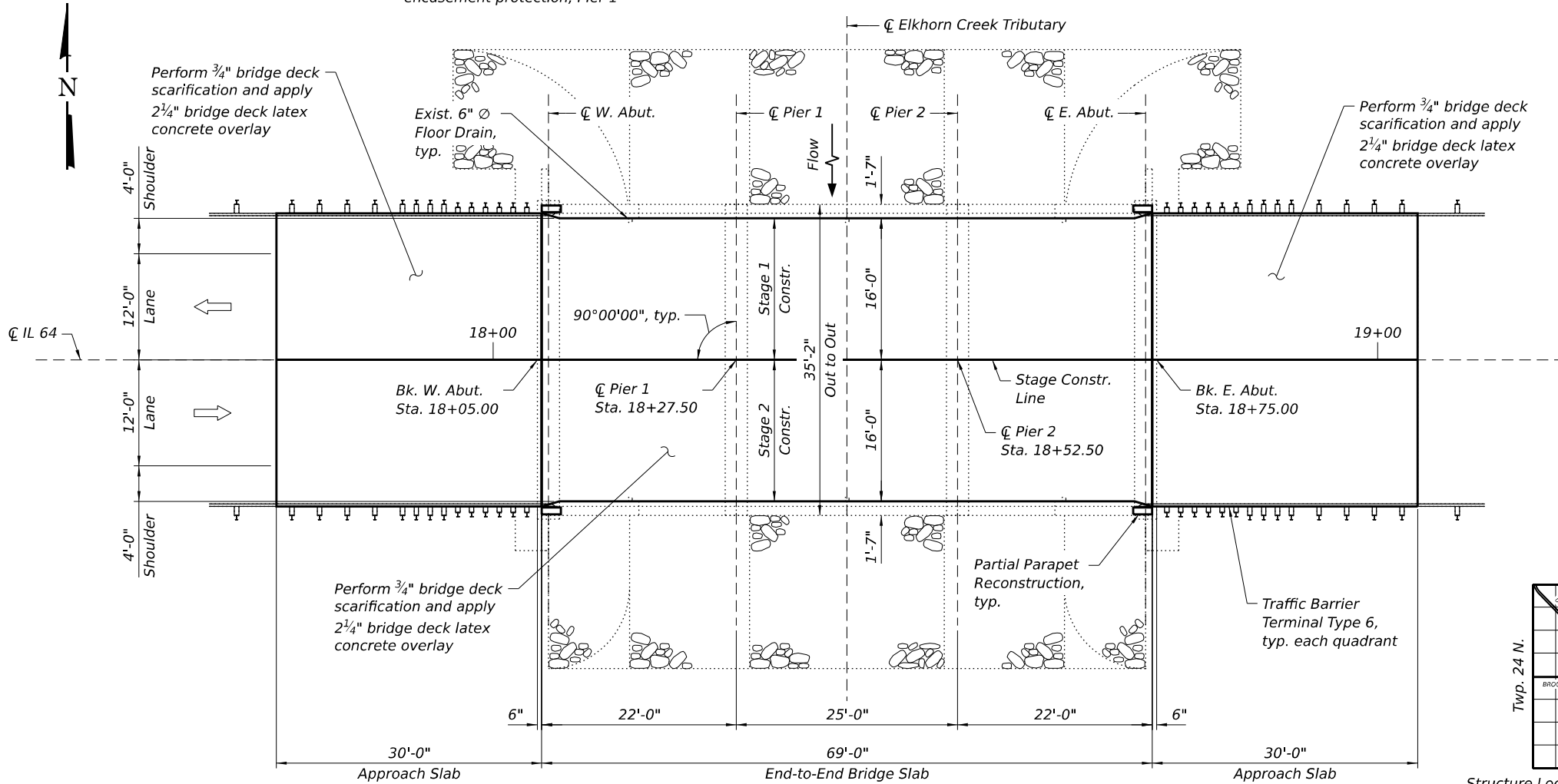
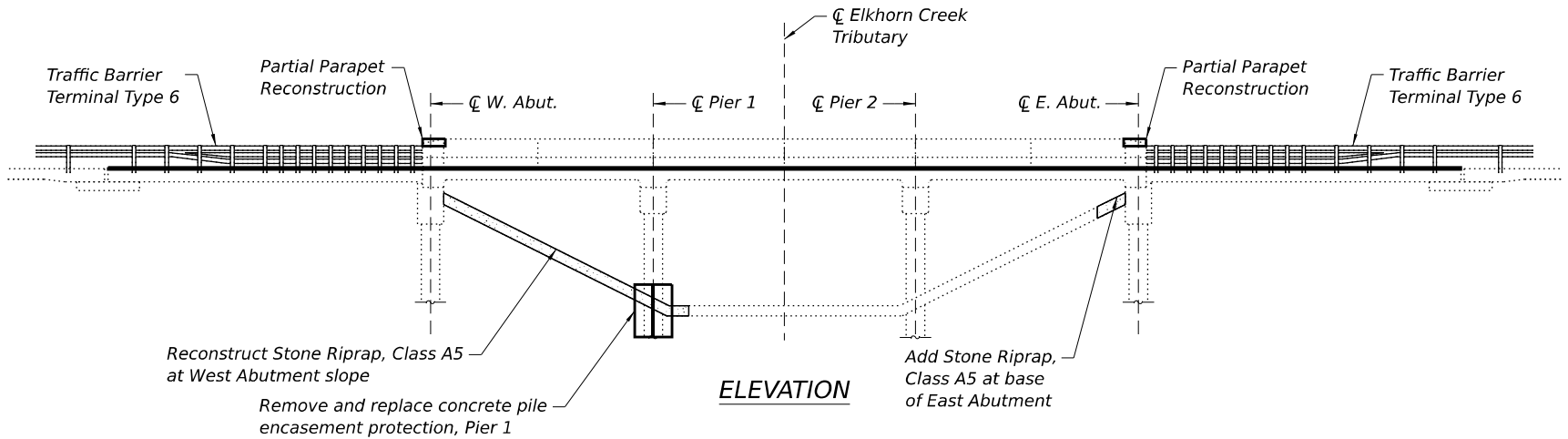
### EXISTING DESIGN STRESSES


$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)

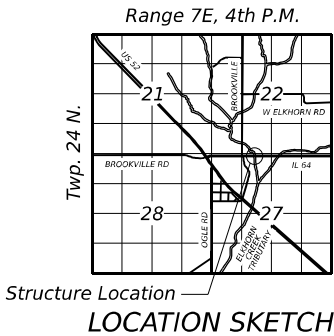
### PROPOSED DESIGN STRESSES

#### FIELD UNITS

$f'_c = 3,500$  psi (Substructure)  
 $f'_c = 4,000$  psi (Superstructure)  
 $f_y = 60,000$  psi (Reinforcement)

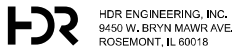


Signed:   
Date: 6/20/2025  
Expires: 11/30/2026  
Sheets: Bridge Sheets 1 to 12 of 12



GENERAL PLAN AND ELEVATION  
IL 64 OVER ELKHORN CREEK TRIBUTARY  
F.A.P. ROUTE 17  
SEC. (101BR-2)BDR  
OGLE COUNTY  
STATION 18+40.00  
STRUCTURE NO. 071-0082

MODEL: Default  
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|                       |                |           |
|-----------------------|----------------|-----------|
| USER NAME =           | DESIGNED - AMN | REVISED - |
|                       | CHECKED - BHS  | REVISED - |
| PLOT SCALE =          | DRAWN - AMN    | REVISED - |
| PLOT DATE = 6/25/2025 | CHECKED - BHS  | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION  
STRUCTURE NO. 071-0082

SHEET 1 OF 12 SHEETS

| F.A.P.                    | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 17        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |

GENERAL NOTES

1.

Reinforcement bars designated (E) shall be epoxy coated.
2.

Plan dimensions and details relative to the existing structure have been taken from existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
3.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened, and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the Contractor's expense.
4.

Protective Coat shall be applied to the top and inside surface of new concrete at parapets and concrete overlay per Section 503.19 of the Standard Specifications. The Contractor shall take appropriate measures to assure the Protective Coat is not applied to the floor drains.
5.

The repairs in these plans were identified from a visual inspection in June 2025. The Contractor shall verify areas for repair and the associated quantities in the field, which shall be confirmed by the Engineer prior to the start of work.
6.

The Engineer shall show actual location and size of deck repairs on As-Built Plans.
7.

Stage 1 deck scarification shall take place prior to bridge slab removals as required for Deck Slab Repairs (Full Depth). A steel road plate shall be provided over the open bridge slab removal located at the centerline of IL 64. The provided steel plates must be sufficient to span the slab removal opening with a minimum overlap of 12 inches beyond the removal. The Contractor shall secure the steel road plates without damaging the existing bridge deck. Cost of steel road plate is included with Deck Slab Repair (Full Depth).

INDEX OF SHEETS

- 1

General Plan & Elevation
- 2

General Notes, Index of Sheets & Total Bill of Materials
- 3

Stage Construction
- 4

Temporary Concrete Barrier for Stage Construction
- 5

Deck And Approach Slab Repairs (1 of 2)
- 6

Deck And Approach Slab Repairs (2 of 2)
- 7

Parapet Modification
- 8

Pier 1 Repairs
- 9

Existing Bridge Plans (For Reference Only)
- 10

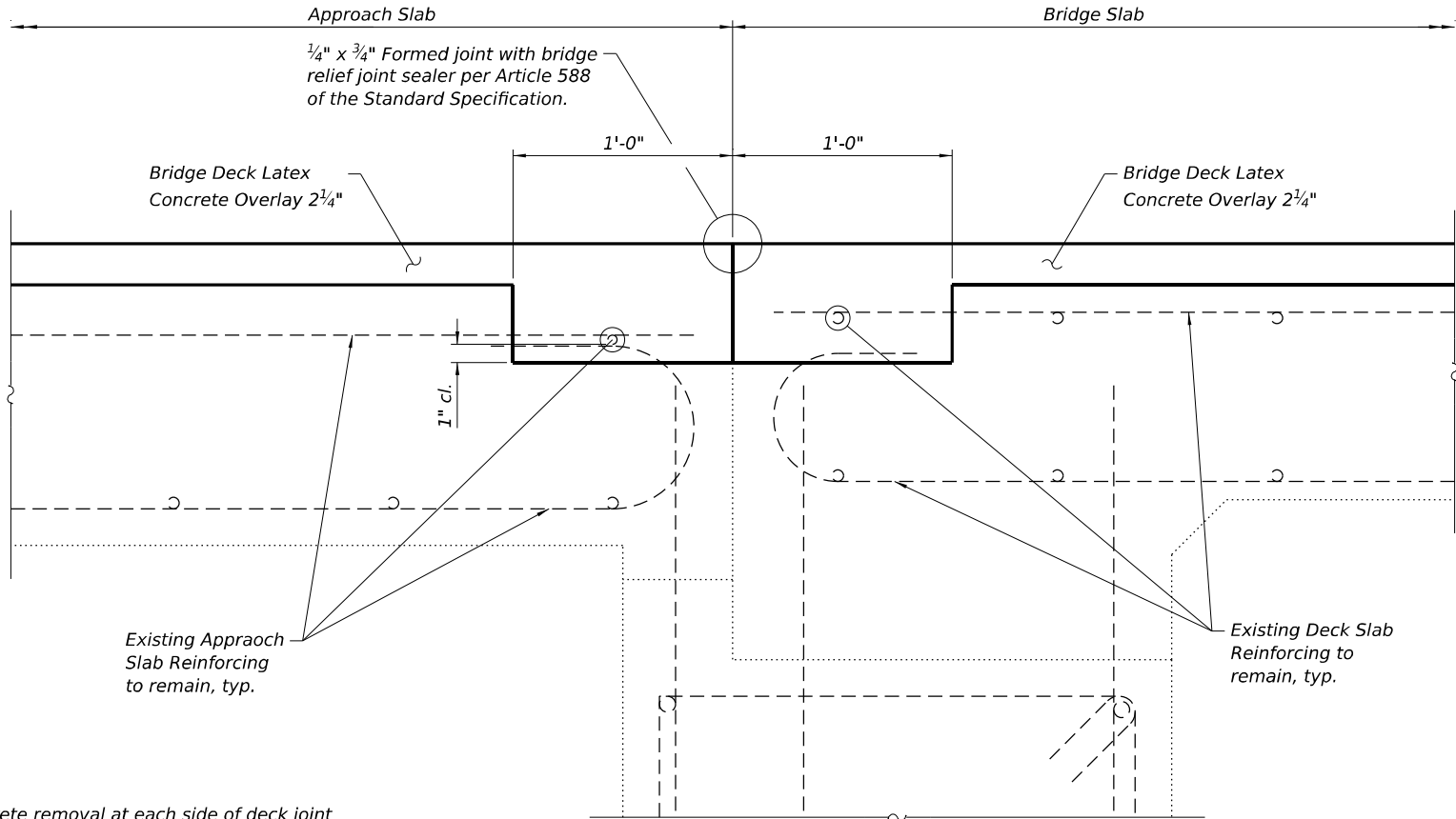
Existing Bridge Plans (For Reference Only)
- 11

Existing Bridge Plans (For Reference Only)
- 12

Existing Bridge Plans (For Reference Only)

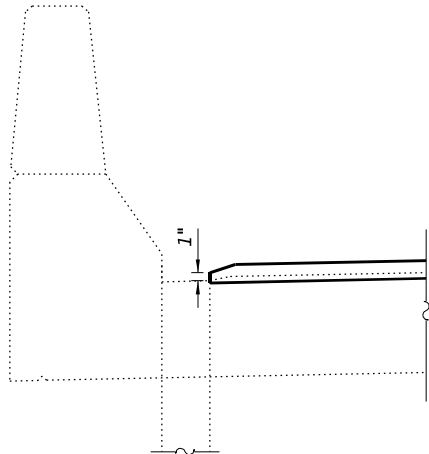
TOTAL BILL OF MATERIAL

| Item   | Unit  | Total |
|--|-------|-------|
| Stone Riprap, Class A5   | Sq Yd | 265   |
| Concrete Removal   | Cu Yd | 2.6   |
| Concrete Structures  | Cu Yd | 2.4   |
| Concrete Superstructure  | Cu Yd | 0.2   |
| Bridge Deck Grooving   | Sq Yd | 430   |
| Protective Coat  | Sq Yd | 467   |
| Reinforcement Bars, Epoxy Coated                                     | Pound | 220   |
| Approach Slab Repair (Full Depth)                                    | Sq Yd | 3     |
| Approach Slab Repair (Partial Depth)                                 | Sq Yd | 4     |
| Bridge Deck Latex Concrete Overlay, 2 1/4 Inches                     | Sq Yd | 468   |
| Bridge Deck Scarification 3/4"                                       | Sq Yd | 468   |
| Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches) | Sq Ft | 3     |
| Deck Slab Repair (Full Depth, Type II)                               | Sq Yd | 69    |
|  |       |       |
|  |       |       |
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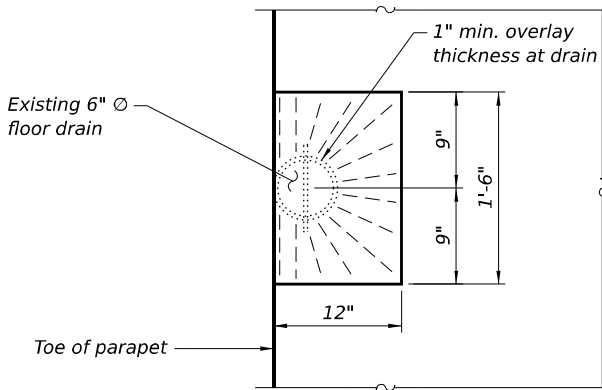


Note: Concrete removal at each side of deck joint included with Bridge Deck Scarification.

DECK JOINT DETAIL



SECTION AT DRAINS



OVERLAY TREATMENT AT DRAINS

(6 drains total)

MODEL: Default  
FILE NAME: pwc/pw/hduscan01-HDR\_US\_Central\_01/Documents/ILDOT/GKE\_IDOT\_PTB213-30\_W03\_IL646.0\_CAD\_BIM/6.2\_WP/6.2.3\_CADD Sheet/Structures/GENERAL NOTES, INDEX OF SHEETS & TOTAL BILL OF MATERIALS



HDR ENGINEERING, INC.  
9450 W. BRYN MAWR AVE.  
ROSEMONT, IL 60018

|                       |                |           |
|-----------------------|----------------|-----------|
| USER NAME =           | DESIGNED - AMN | REVISED - |
|                       | CHECKED - BHS  | REVISED - |
| PLOT SCALE =          | DRAWN - AMN    | REVISED - |
| PLOT DATE = 6/25/2025 | CHECKED - BHS  | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

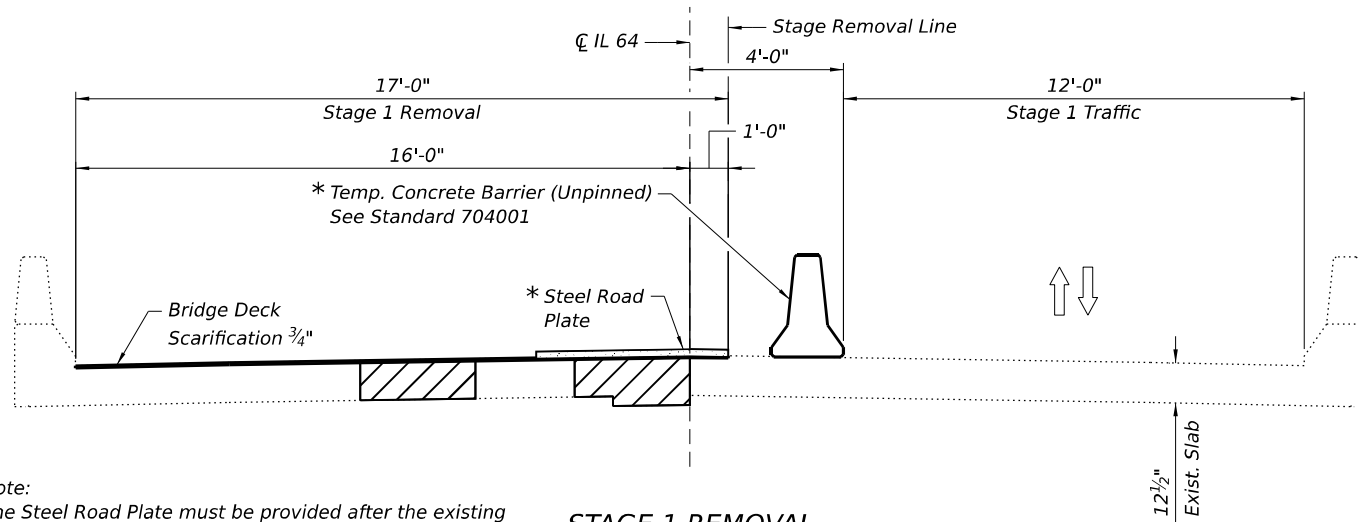
GENERAL NOTES, INDEX OF SHEETS & TOTAL BILL OF MATERIALS  
STRUCTURE NO. 071-0082

SHEET 2 OF 12 SHEETS

| F.A.P.             | SECTION      | COUNTY           | TOTAL SHEETS | SHEET NO. |
|--------------------|--------------|------------------|--------------|-----------|
| 17                 | (101BR-2)BDR | OGLE             | 37           | 18        |
| CONTRACT NO. 64T05 |              |                  |              |           |
| ILLINOIS           |              | FED. AID PROJECT |              |           |

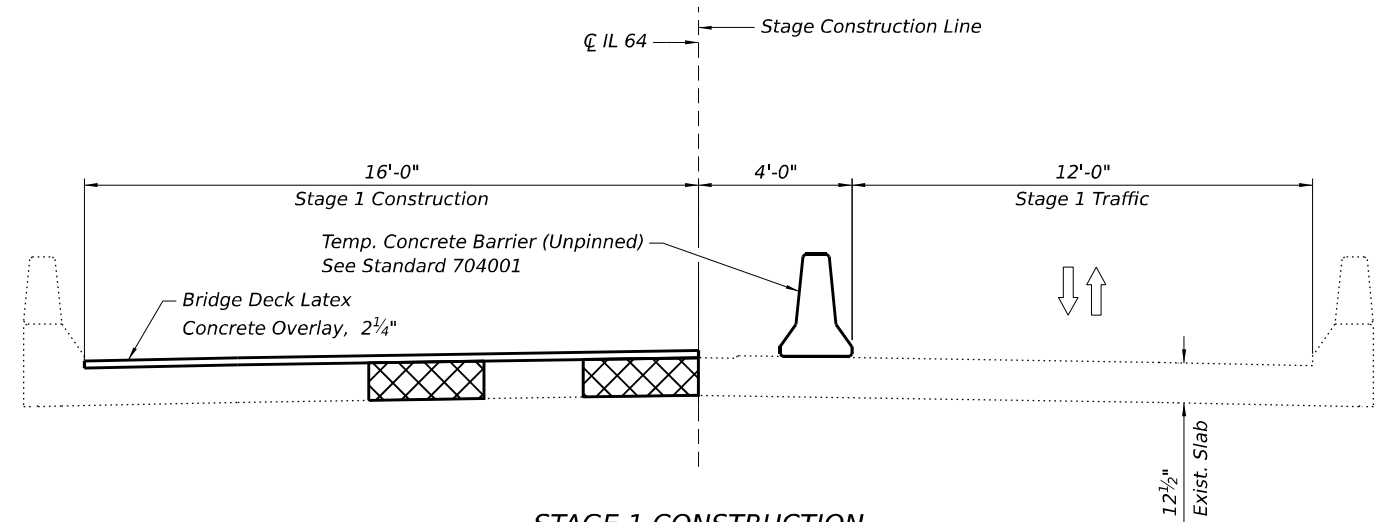


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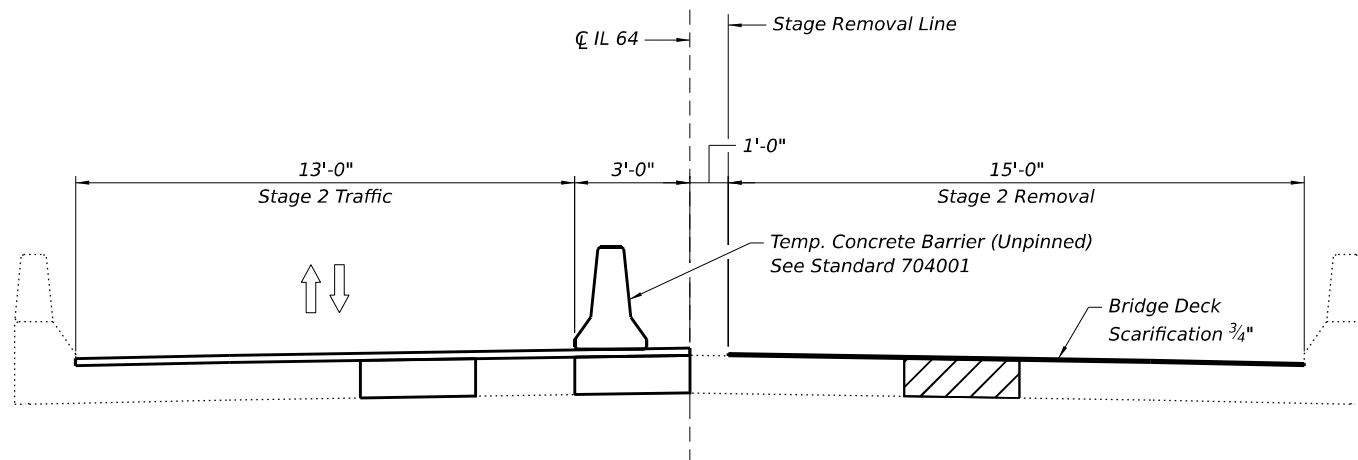


\* Note:  
The Steel Road Plate must be provided after the existing bridge slab concrete has been removed for the Deck Slab Repair (Full Depth) to avoid a drop off condition behind the Temporary Concrete Barrier. The Contractor shall secure the steel road plates without damaging the existing bridge deck.

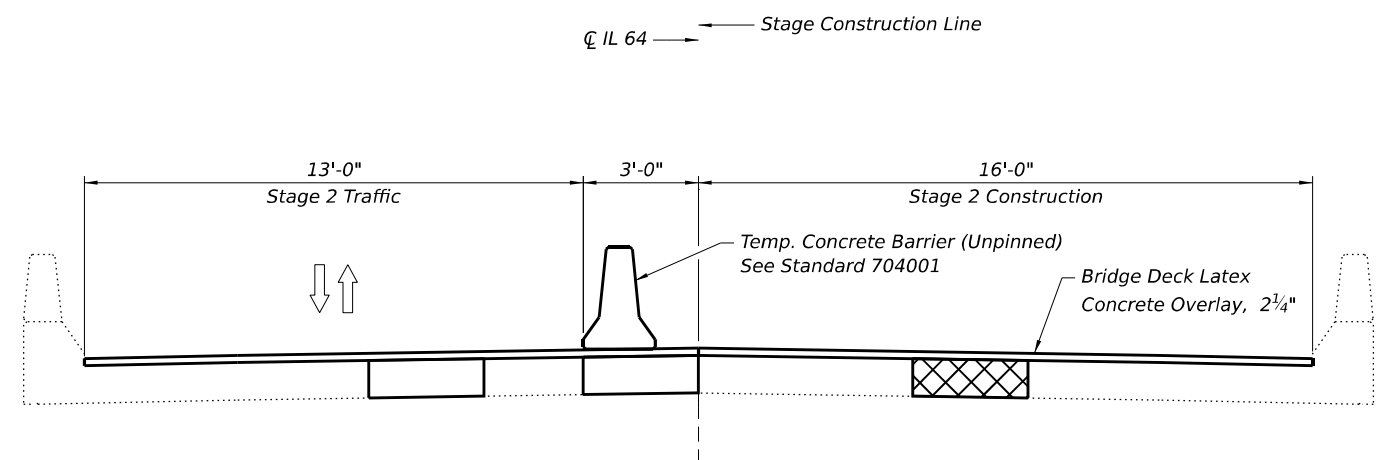
**STAGE 1 REMOVAL**  
(Looking East)



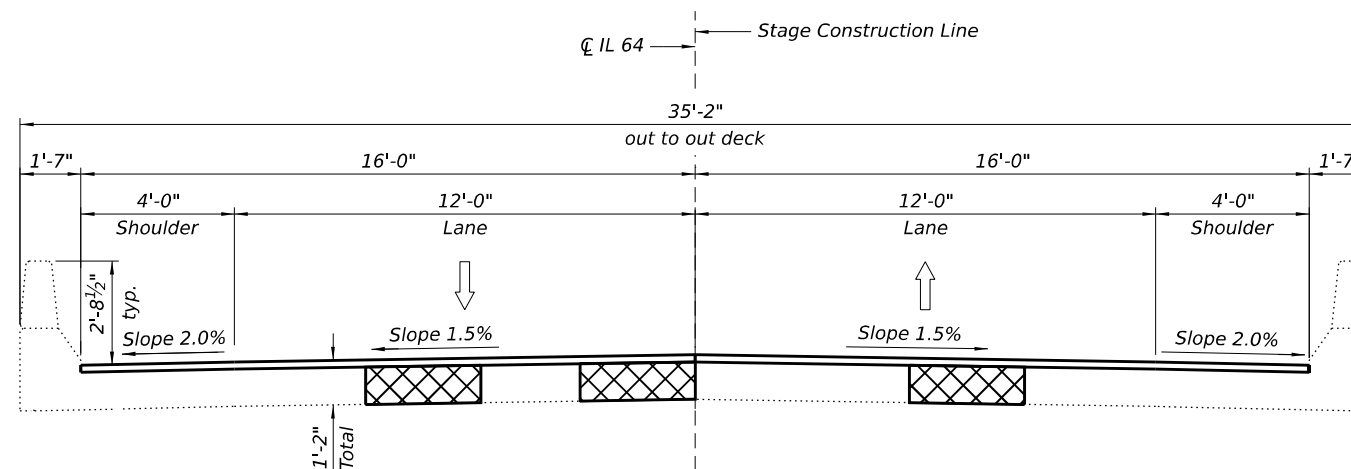
**STAGE 1 CONSTRUCTION**  
(Looking East)



**STAGE 2 REMOVAL**  
(Looking East)





**STAGE 2 CONSTRUCTION**  
(Looking East)



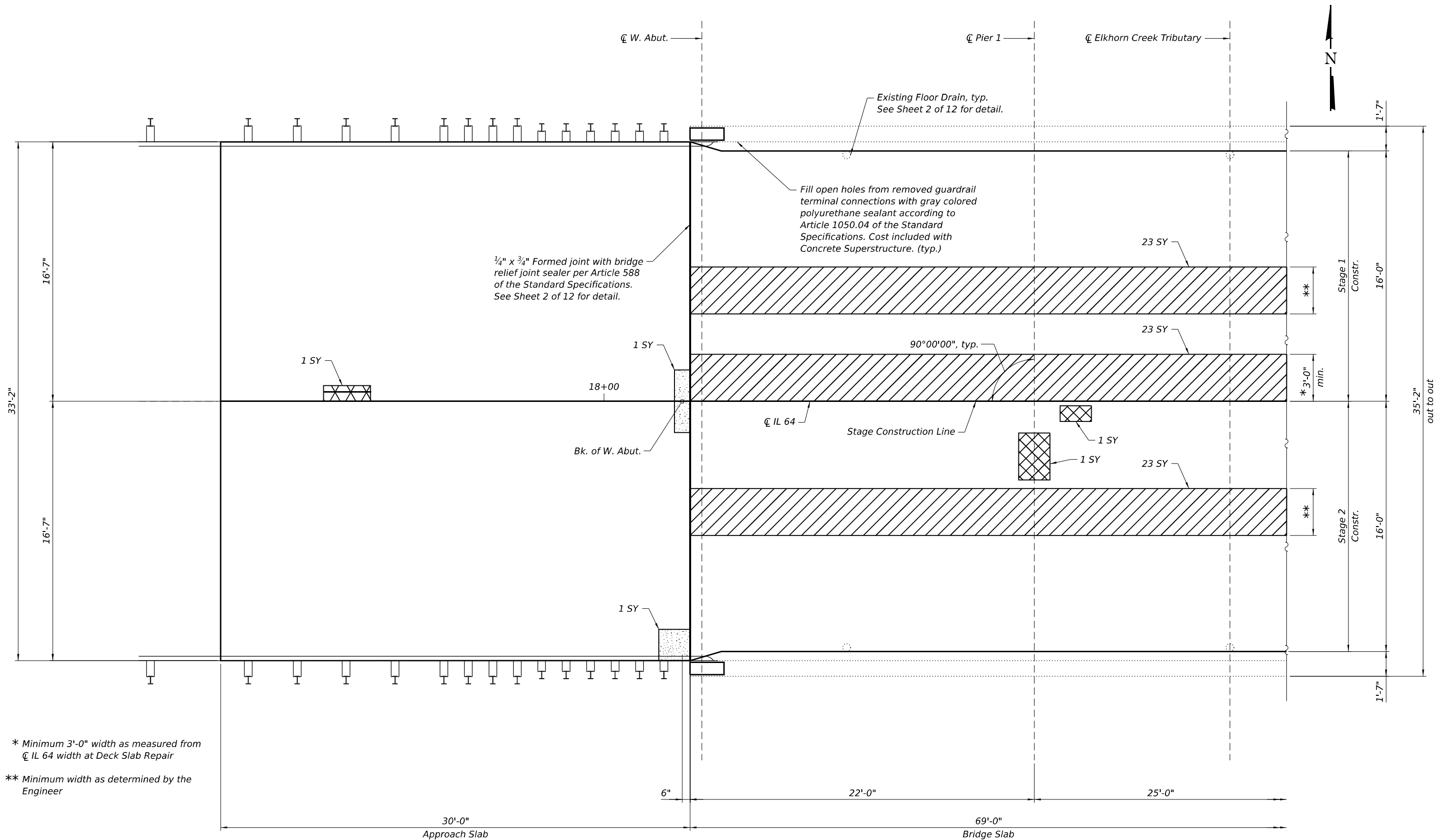
**CROSS-SECTION**  
(Looking East)

**LEGEND**

-  Full depth deck slab removal
-  Deck Slab Repair (Full Depth)



MODEL: Default  
FILE NAME: pwc/pwdruscan01\HDR\_US\_Central\_01\Documents\ILDOT\GKE\_IDOT\_PTB213-30\_W03\_IL446.0\_CAD\_BIM\6.2\_WP\6.2.3\_CADD Sheet\Structures\DECK AND APPROACH SLAB REPAIRS (1 OF 2)



\* Minimum 3'-0" width as measured from  
CL IL 64 width at Deck Slab Repair

\*\* Minimum width as determined by the  
Engineer

Notes:

Deck Slab Repair (Partial) locations and quantities are shown for information only and will not be measured for payment but shall be included in the cost of Bridge Deck Latex Concrete Overlay. See special provision for Bridge Deck Latex Concrete Overlay.  
See Sheet 6 of 12 for Bill of Material.

DECK PARTIAL PLAN

LEGEND



Approach Slab Repair (Partial Depth)



Approach Slab Repair (Full Depth)



Deck Slab Repair (Partial)  
(For Information Only)



Deck Slab Repair (Full Depth)



HDR ENGINEERING, INC.  
9450 W. BRYN MAWR AVE.  
ROSEMONT, IL 60018

|                       |                |           |
|-----------------------|----------------|-----------|
| USER NAME =           | DESIGNED - AMN | REVISED - |
|                       | CHECKED - BHS  | REVISED - |
| PLOT SCALE =          | DRAWN - AMN    | REVISED - |
| PLOT DATE = 6/25/2025 | CHECKED - BHS  | REVISED - |

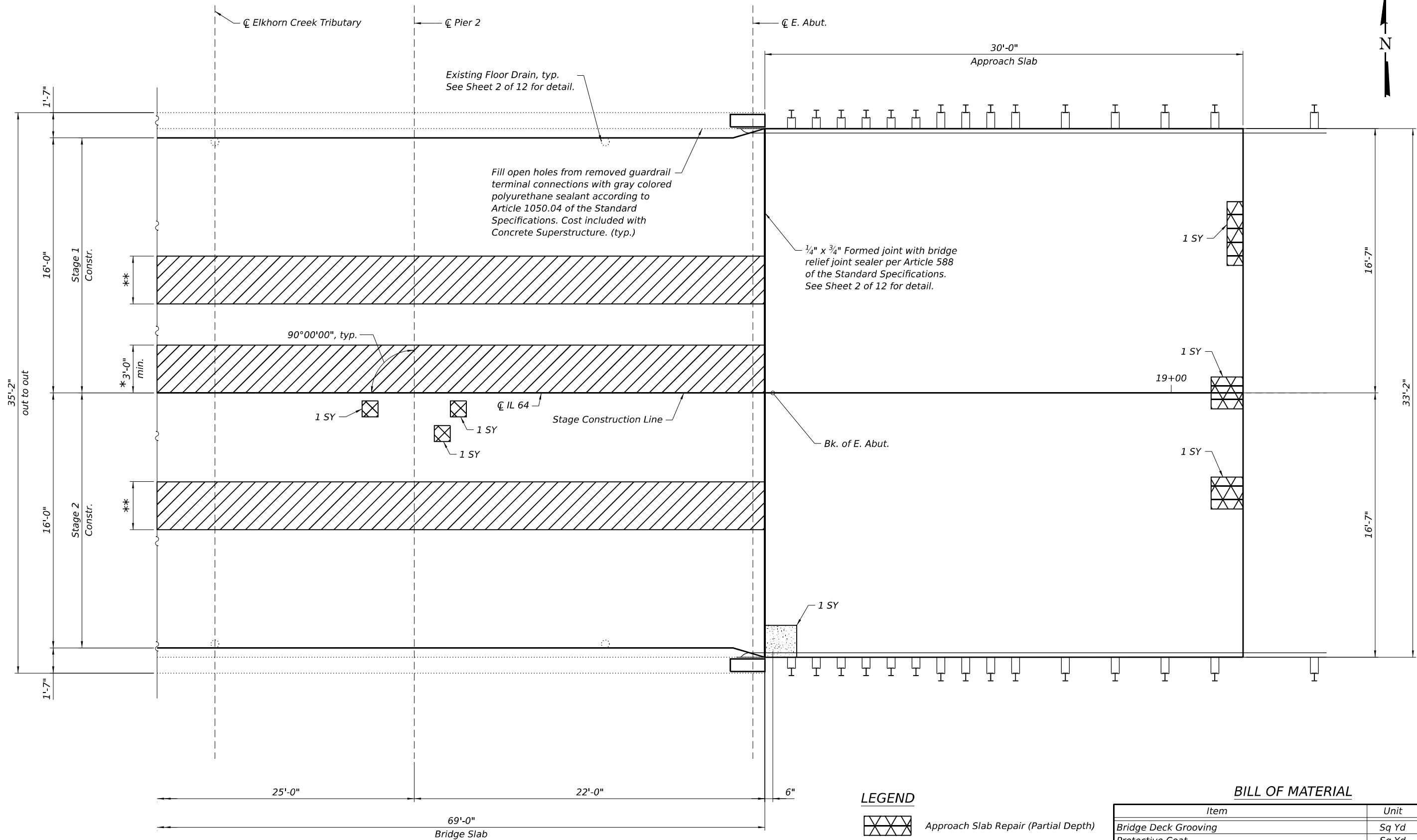
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DECK AND APPROACH SLAB REPAIRS (1 OF 2)  
STRUCTURE NO. 071-0082

SHEET 5 OF 12 SHEETS

|                           |              |        |              |           |
|---------------------------|--------------|--------|--------------|-----------|
| F.A.P.                    | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
| 17                        | (101BR-2)BDR | OGLE   | 37           | 21        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |

MODEL: Default  
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\* Minimum 3'-0" width as measured from  $\text{CL IL 64}$  width at Deck Slab Repair

\*\* Minimum width as determined by the Engineer

DECK PARTIAL PLAN

LEGEND

- Approach Slab Repair (Partial Depth)
- Approach Slab Repair (Full Depth)
- Deck Slab Repair (Partial) (For Information Only)
- Deck Slab Repair (Full Depth)

BILL OF MATERIAL

| Item   | Unit  | Total |
|--|-------|-------|
| Bridge Deck Grooving                             | Sq Yd | 430   |
| Protective Coat                                  | Sq Yd | 466   |
| Approach Slab Repair (Full Depth)                | Each  | 3     |
| Approach Slab Repair (Partial Depth)             | Sq Yd | 4     |
| Bridge Deck Latex Concrete Overlay, 2 1/4 Inches | Sq Yd | 468   |
| Bridge Deck Scarification 3/4"                   | Sq Yd | 468   |
| Deck Slab Repair (Full Depth, Type II)           | Sq Yd | 69    |



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9450 W. BRYN MAWR AVE.  
ROSEMONT, IL 60018

|                       |                |           |
|-----------------------|----------------|-----------|
| USER NAME =           | DESIGNED - AMN | REVISED - |
|                       | CHECKED - BHS  | REVISED - |
| PLOT SCALE =          | DRAWN - AMN    | REVISED - |
| PLOT DATE = 6/25/2025 | CHECKED - BHS  | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

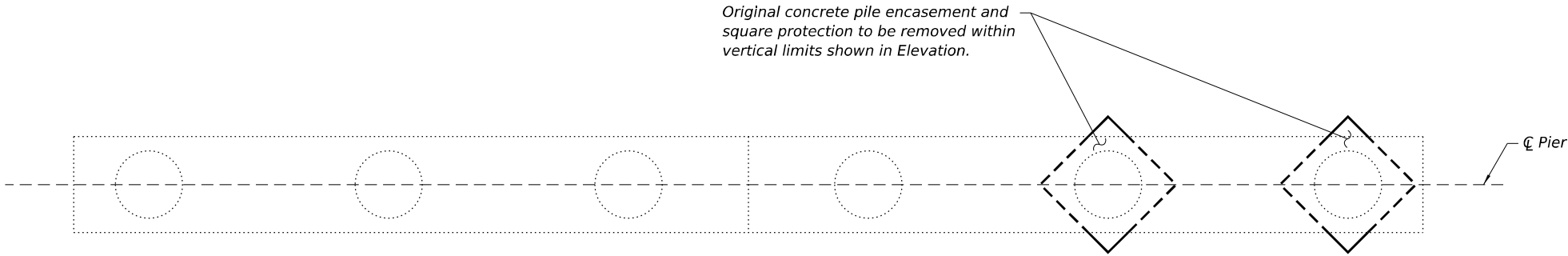
DECK AND APPROACH SLAB REPAIRS (2 OF 2)  
STRUCTURE NO. 071-0082

SHEET 6 OF 12 SHEETS

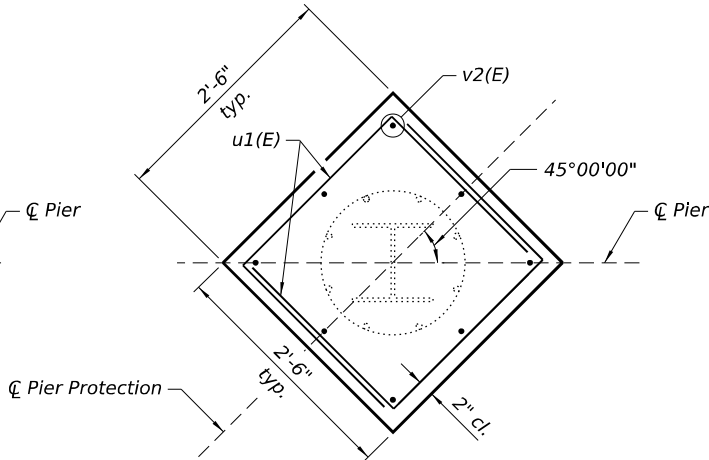
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|---------------------------|--------------|--------|--------------|-----------|
| F.A.P.                    | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
| 17                        | (101BR-2)BDR | OGLE   | 37           | 22        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |



MODEL: Default  
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PLAN



DETAIL B  
(2 locations)

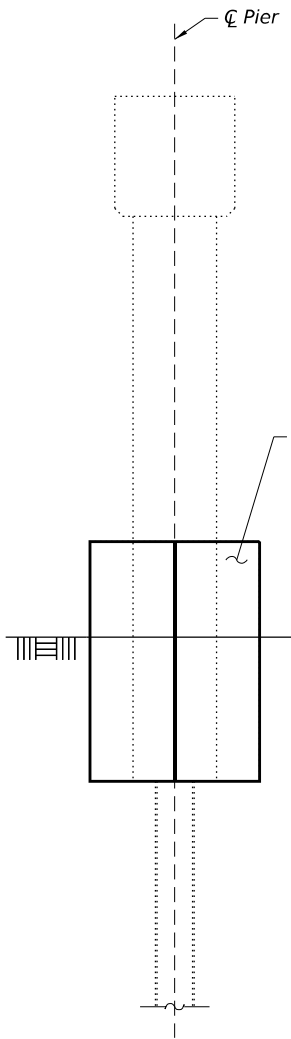
BILL OF MATERIAL

| Bar  | No. | Size | Length | Shape |
|--|-----|------|--------|-------|
| u1(E)  | 24  | #4   | 6'-2"  |       |
| v2(E)  | 16  | #4   | 4'-9"  |       |
| Concrete Removal   |     |      | Cu Yd  | 2.4   |
| Concrete Structure   |     |      | Cu Yd  | 2.4   |
| Reinforcement Bars, Epoxy Coated                                     |     |      | Pound  | 150   |
| Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches) |     |      | Sq Ft  | 3     |

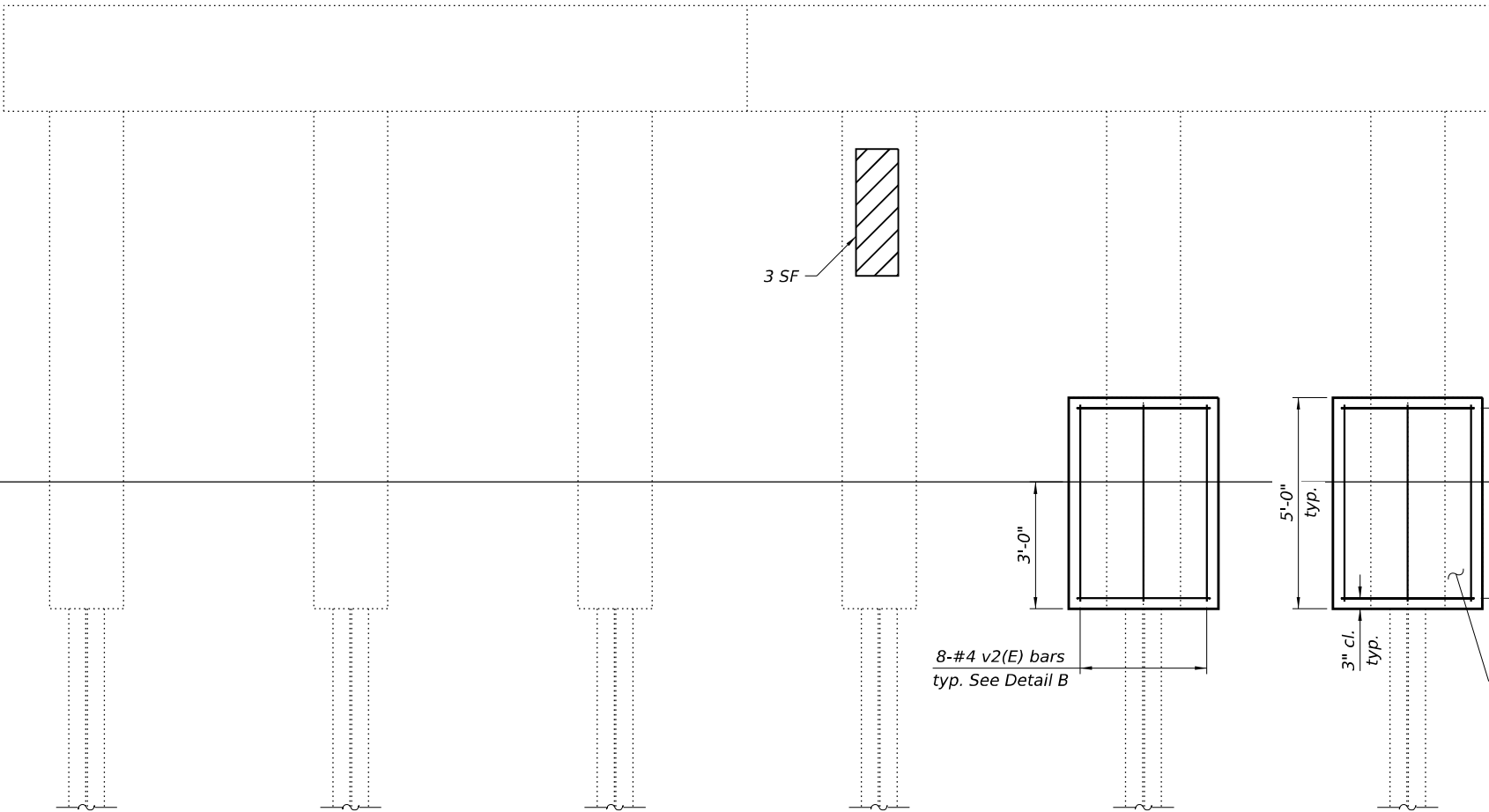
LEGEND



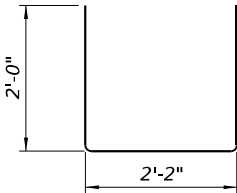
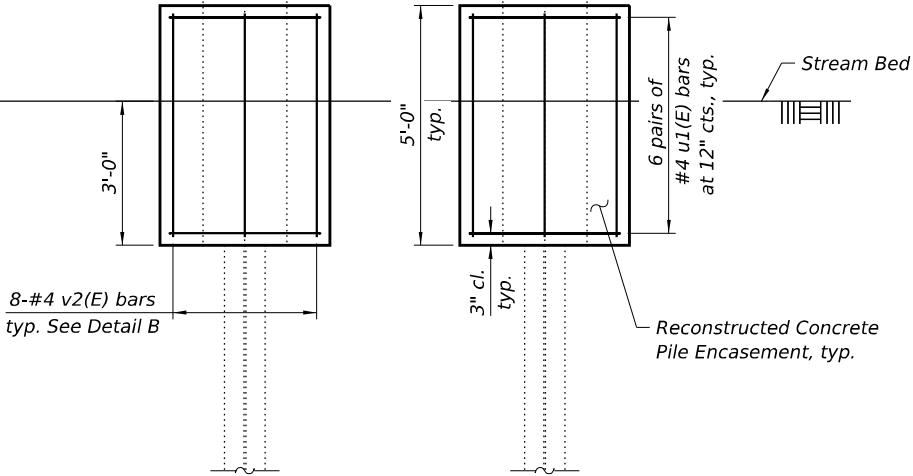
Structural Repair of Concrete  
(Depth equal to or less than 5 inches)



SECTION A-A



ELEVATION  
(Looking West)



BAR u1(E)

Notes:  
C Pier Protection blocks are oriented 45° from C Pier or as directed by Engineer. See Detail B.



HDR ENGINEERING, INC.  
9450 W. BRYN MAWR AVE.  
ROSEMONT, IL 60018

|                       |                |           |
|-----------------------|----------------|-----------|
| USER NAME =           | DESIGNED - AMN | REVISED - |
|                       | CHECKED - BHS  | REVISED - |
| PLOT SCALE =          | DRAWN - AMN    | REVISED - |
| PLOT DATE = 6/25/2025 | CHECKED - BHS  | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PIER 1 REPAIRS  
STRUCTURE NO. 071-0082

SHEET 8 OF 12 SHEETS

|                           |              |        |              |           |
|---------------------------|--------------|--------|--------------|-----------|
| F.A.P.                    | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
| 17                        | (101BR-2)BDR | OGLE   | 37           | 24        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |



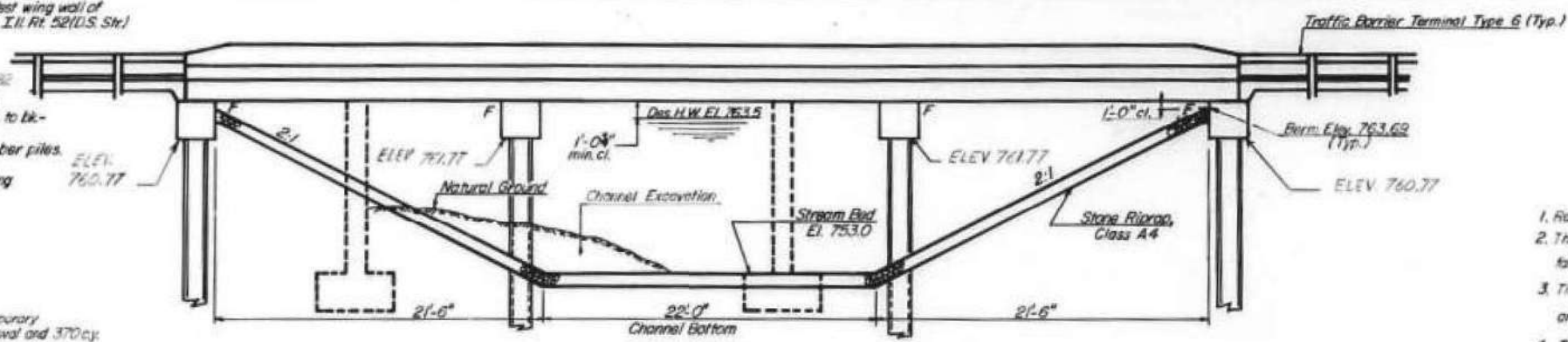
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6/25/2025 1:17:48 PM

BM Bronze tablet cast in South West wing wall of  
Str. No. 071-0070 Sta 97+50 ILL. Rt. 52 (U.S. Str.)  
El. 767.58

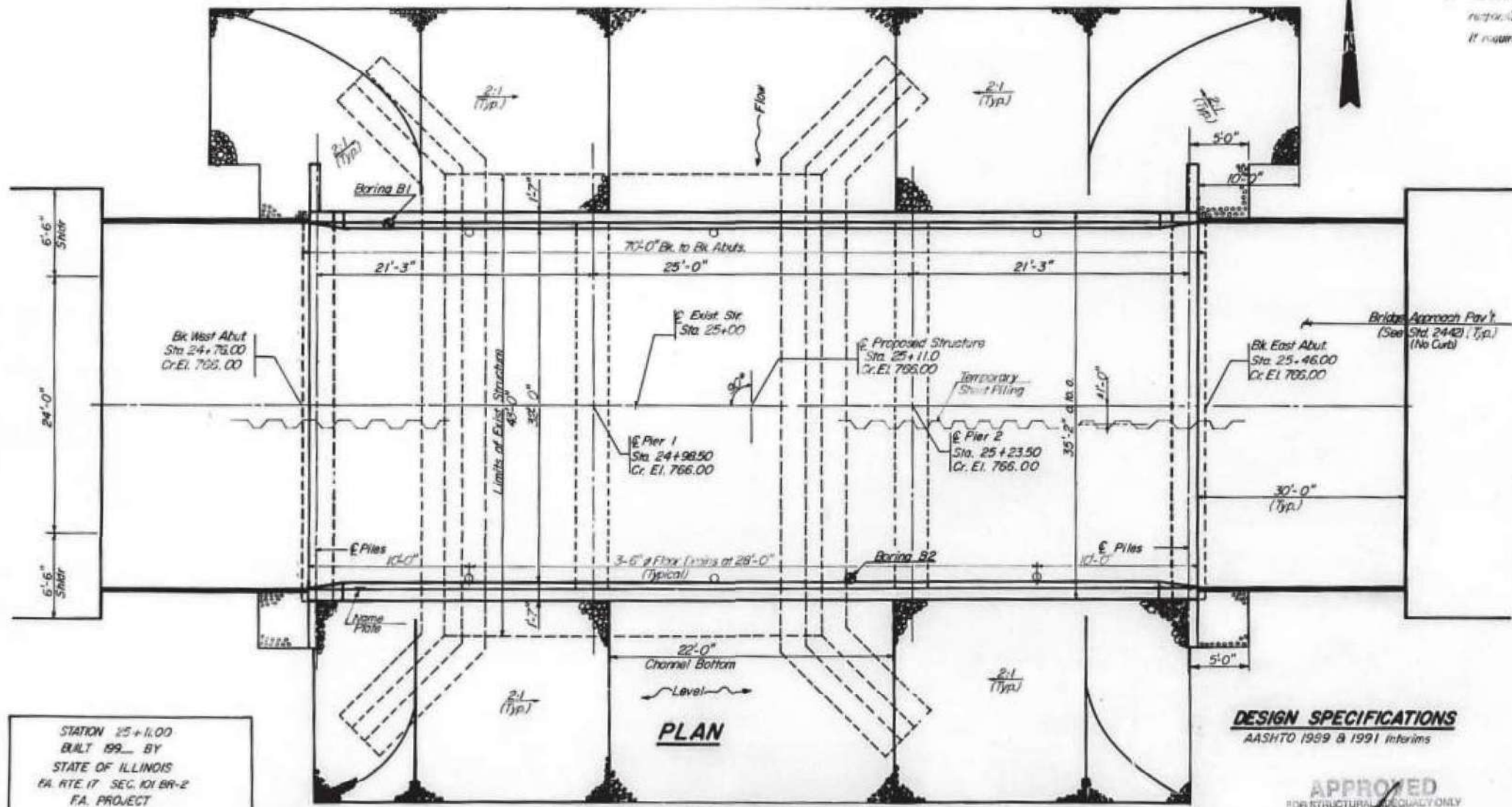
Existing Structure: Str. No. 071-0082  
Super-23" slab single span with  
4" P.C.C. wearing surface. 32' bk. to bk-  
43'-0" out to cut.  
Subst.-Closed R.C. Abuts. on timber piles.  
Traffic to be maintained utilizing  
stage construction.

No Salvage

Note: For bridge approach items, temporary  
concrete barrier, pavement removal and 370 cu.  
earth excavation behind existing abutment;  
see Roadway Plans.



ELEVATION



PLAN

WATERWAY INFORMATION

|                                   |        |  |                 |
|-----------------------------------|--------|--|-----------------|
| Drainage Area = 3.7m <sup>2</sup> |        | Low Grade Elev. 765.3 at Station 27+00 |                 |
| Flood                             | Freq.  | Q                                      | Opening Sq. Ft. |
| yr.                               | G.F.S. | Exist.                                 | Prop.           |
| Design                            | 50     | 1610                                   | 236             |
| Base                              | 100    | 1860                                   | 239             |
| Overlapping                       | 500    | 2450                                   | 239             |
| Max. Calc.                        | 500    |  |                 |
|                                   |        | Nat.                                   | Head - Ft.      |
|                                   |        | H.W.E.                                 | Exist.          |
|                                   |        | Prop.                                  | Exist.          |
|                                   |        | 1.0                                    | 0.9             |
|                                   |        | 763.5                                  | 764.5           |
|                                   |        | 763.9                                  | 765.3           |
|                                   |        | 764.7                                  | 766.1           |
|                                   |        | 1.4                                    | 0.9             |
|                                   |        | 764.7                                  | 765.6           |

DESIGN SPECIFICATIONS

AASHTO 1999 & 1991 Interims

APPROVED  
FOR STRUCTURAL EQUATION ONLY  
36h  
L. SANDOVAL  
LICENSED STRUCTURAL ENGINEER  
STATE OF ILLINOIS  
Oct. 19, 1990

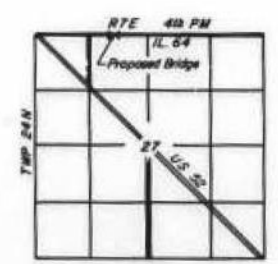
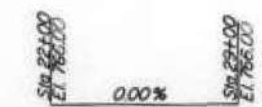
LOADING HS-20  
Allow 250/Sq. Ft. for future wearing surface  
Design Speed = 55mph

TOTAL BILL OF MATERIAL

| ITEM                              | UNIT   | SUPER. | SUBSTR. | TOTAL  |
|-----------------------------------|--------|--------|---------|--------|
| Class X Concrete, Encasement      | Cu Yds | —      | 15.8    | 15.8   |
| Class X Concrete, Superstructure  | Cu Yds | 111.2  | —       | 111.2  |
| Class X Concrete                  | Cu Yds | —      | 42.4    | 42.4   |
| Reinforcement Bars, Epoxy Coated  | Lbs    | 26,100 | 3740    | 29,840 |
| Structure Excavation              | Cu Yds | —      | 104.3   | 104.3  |
| Removal of Existing Structure     | Each   | —      | —       | 1      |
| Floor Drains                      | Each   | 6      | —       | 6      |
| Name Plates                       | Each   | 1      | —       | 1      |
| Furnishing Steel Piles HP 10x42   | Lin Ft | —      | 1019    | 1019   |
| Driving Steel Piles               | Lin Ft | —      | 1019    | 1019   |
| Test Pile Steel HP 10x42          | Each   | —      | 2       | 2      |
| Channel Excavation                | Cu Yds | —      | 82      | 82     |
| Temporary Sheet Piling            | Sq Ft  | —      | 680     | 680    |
| Protective Coat*                  | Sq Yds | 178.9  | —       | 178.9  |
| Stone Riprap, Class A4            | Sq Yds | —      | 495     | 495    |
| Filter Fabric for use with riprap | Sq Yds | —      | 495     | 495    |
| Temporary Support System          | L. Sbm | —      | 1       | 1      |
| Bridge Deck Grooving              | Sq Yds | 249    | —       | 249    |

\*Quantity includes Deck Surface.

PROFILE GRADE



LOCATION SKETCH

GENERAL PLAN & ELEVATION

FA ROUTE 17 (IL 64)  
OVER  
ELKHORN CREEK TRIBUTARY  
SECTION 101 BR-2  
STA. 25+11.00  
OGLE COUNTY  
STRUCTURE NO 071-0082



|                       |                |           |
|-----------------------|----------------|-----------|
| USER NAME =           | DESIGNED - AMN | REVISED - |
| PLOT SCALE =          | CHECKED - BHS  | REVISED - |
| PLOT DATE = 6/25/2025 | DRAWN - AMN    | REVISED - |
|                       | CHECKED - BHS  | REVISED - |

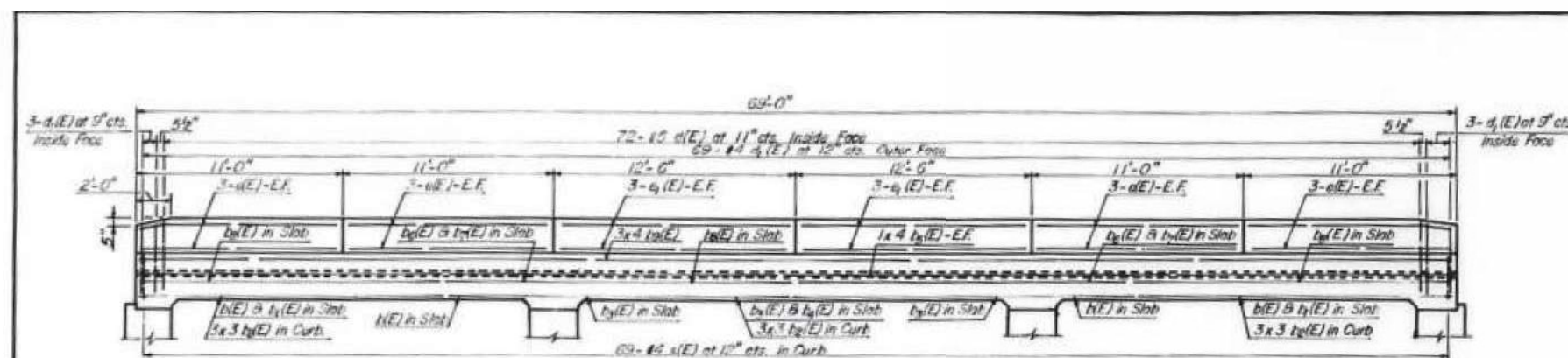
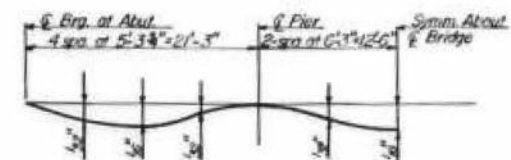
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS (FOR REFERENCE ONLY)  
STRUCTURE NO. 071-0082

SHEET 9 OF 12 SHEETS

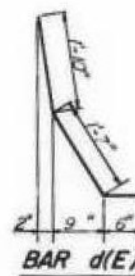
| F.A.P.                    | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 25        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |



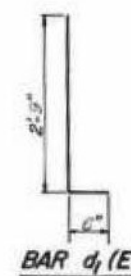
ELEVATION

Q DEFLECTION DIAGRAM

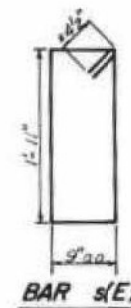
|                            |       |
|----------------------------|-------|
| $d_b(E) \text{ @ } d_p(E)$ | 3'-5" |
| $d_b(E) \text{ @ } d_g(E)$ | 2'-2" |
| $d_b(E)$                   | 4'-6" |



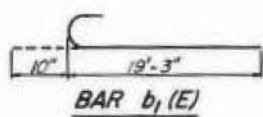
BAR



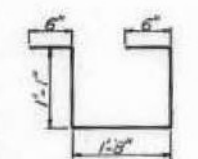
BAR  $d_i(E)$



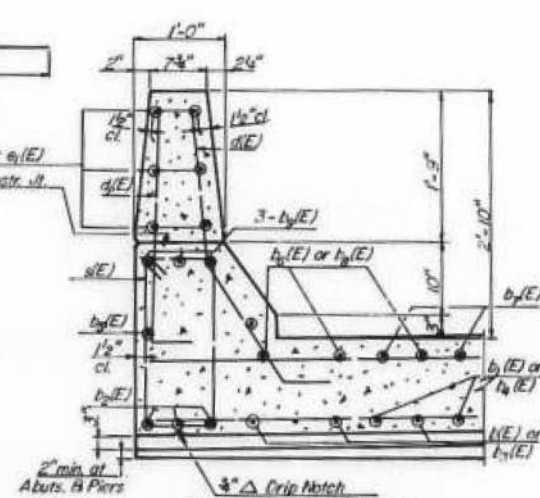
BAR  $s'(E)$



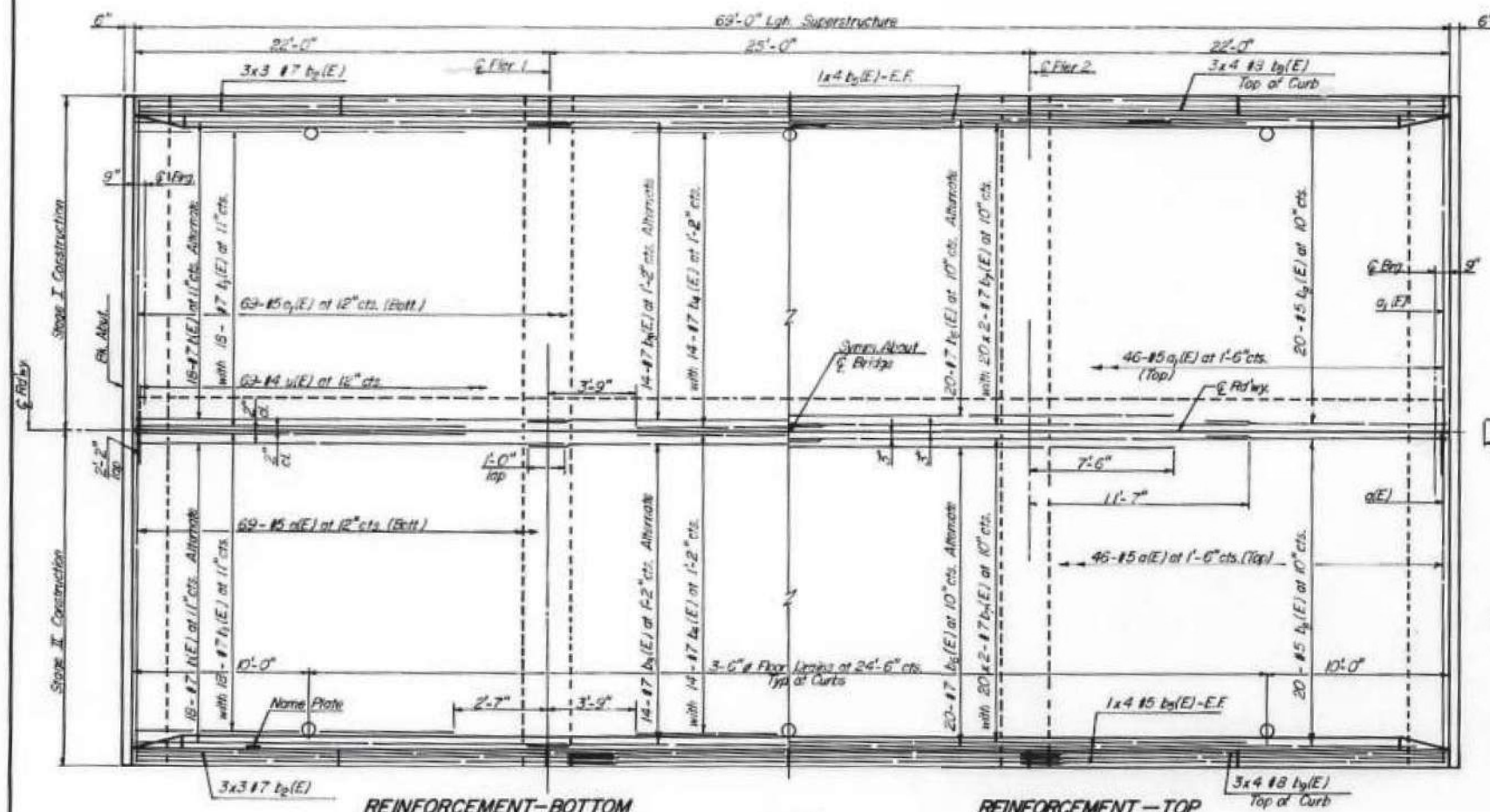
BAR  $b_1(E)$



BAR  $v(E)$



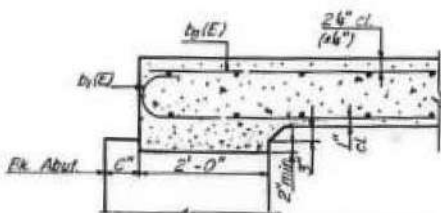
SECTION AT CURBS



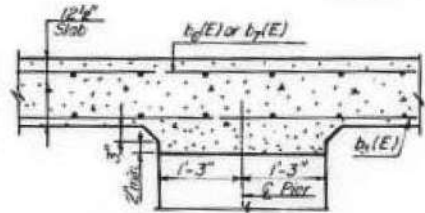
REINFORCEMENT-BOTTOM

### PLAN

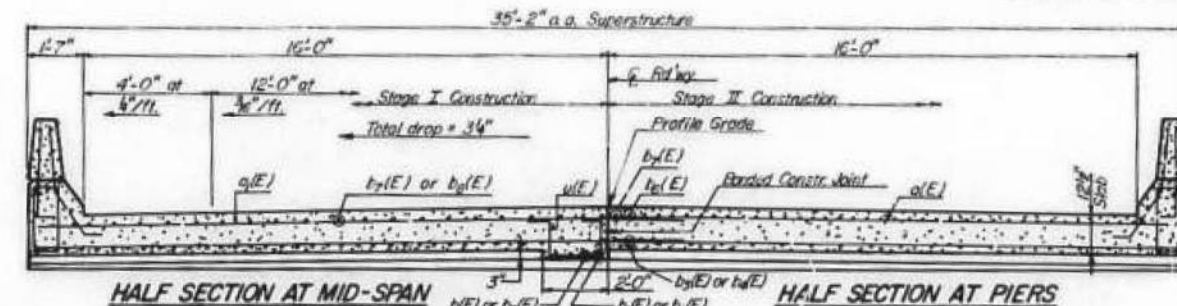
REINFORCEMENT—TOP



SECTION AT ABUTMENTS



### SECTION AT PIERS



HALF SECTION AT MID-SPAN

<sup>(E)</sup> HALF SECTION AT PIERS

CROSS-SECTION  
Looking Up - Station

|                  |          |         |              |          |
|------------------|----------|---------|--------------|----------|
| ROUTE NO         | SEC      | COUNTY  | TOTAL SHEETS | SHEET NO |
| FA 17            | 101BR2   | COLE    | 19           | 11       |
| STA              |          | TO STA  |              |          |
| FED ROAD DIST NO | ILLINOIS | PROJECT |              |          |

Br Sh 13 of 2

BILL OF MATERIAL  
SUPERSTRUCTURE

| Bar                | No. | Size | Length  | Shape |
|--------------------|-----|------|---------|-------|
| a(E)               | 115 | #5   | 17'-4"  | —     |
| a <sub>1</sub> (E) | 115 | #5   | 19'-3"  | —     |
| b(E)               | 72  | #7   | 22'-4"  | —     |
| b <sub>1</sub> (E) | 72  | #7   | 20'-1"  | C     |
| b <sub>2</sub> (E) | 18  | #7   | 25'-3"  | —     |
| b <sub>3</sub> (E) | 28  | #7   | 25'-0"  | —     |
| b <sub>4</sub> (E) | 28  | #7   | 17'-5"  | —     |
| b <sub>5</sub> (E) | 10  | #5   | 19'-0"  | —     |
| b <sub>6</sub> (E) | 40  | #7   | 40'-0"  | —     |
| b <sub>7</sub> (E) | 80  | #7   | 25'-10" | —     |
| b <sub>8</sub> (E) | 80  | #5   | 12'-5"  | —     |
| b <sub>9</sub> (E) | 24  | #6   | 20'-9"  | —     |
| c(E)               | 144 | #5   | 3'-11"  | L     |
| c <sub>1</sub> (E) | 150 | #4   | 4'-3"   | L     |
| e(E)               | 48  | #4   | 10'-9"  | —     |
| e <sub>1</sub> (E) | 24  | #4   | 12'-3"  | —     |
| s(E)               | 138 | #4   | 6'-1"   | □     |
| u(E)               | 69  | #4   | 3'-9"   | □     |

| ITEM                             | UNIT  | QUANTITY |
|----------------------------------|-------|----------|
| Class X Concrete, Superstructure | Cu Yd | 111.2    |
| Reinforcement Bars, Epnry Coated | Lbs.  | 26,100   |
| Floor Drains                     | Each  | 6        |
| Protective Coat                  | Sq Yd | 178.9    |
| Name Plates                      | Each  | 1        |

NOTES:

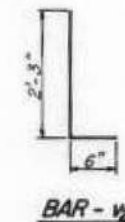
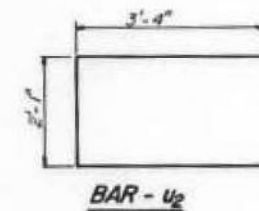
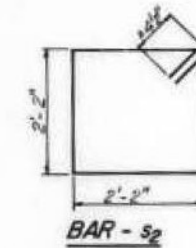
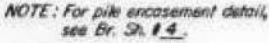
- ① Reinforcement bars designated (E) shall be epoxy coated.
- ② Bars designated thus (example) 3 x 4 - #8 indicates 3 lines of bars with 4 lengths per line.
- ③ For parapet joint and drain details, see Br. Sh. # 6.
- ④ For slope construction details, see Br. Sh. # 2.
- ⑤ Space (E) series bars in field as required to miss floor drains.
- ⑥ a(E) bars lapped with a(E) bars shall be tied with double the number of ties normally used.

## SUPERSTRUCTURE DETAILS

FA ROUTE 17 (IL 64)  
OVER  
ELKHORN CREEK TRIBUTARY  
SECTION 101 BR-2  
STA. 25+11.00  
OGLE COUNTY  
STRUCTURE NO. 071-0082







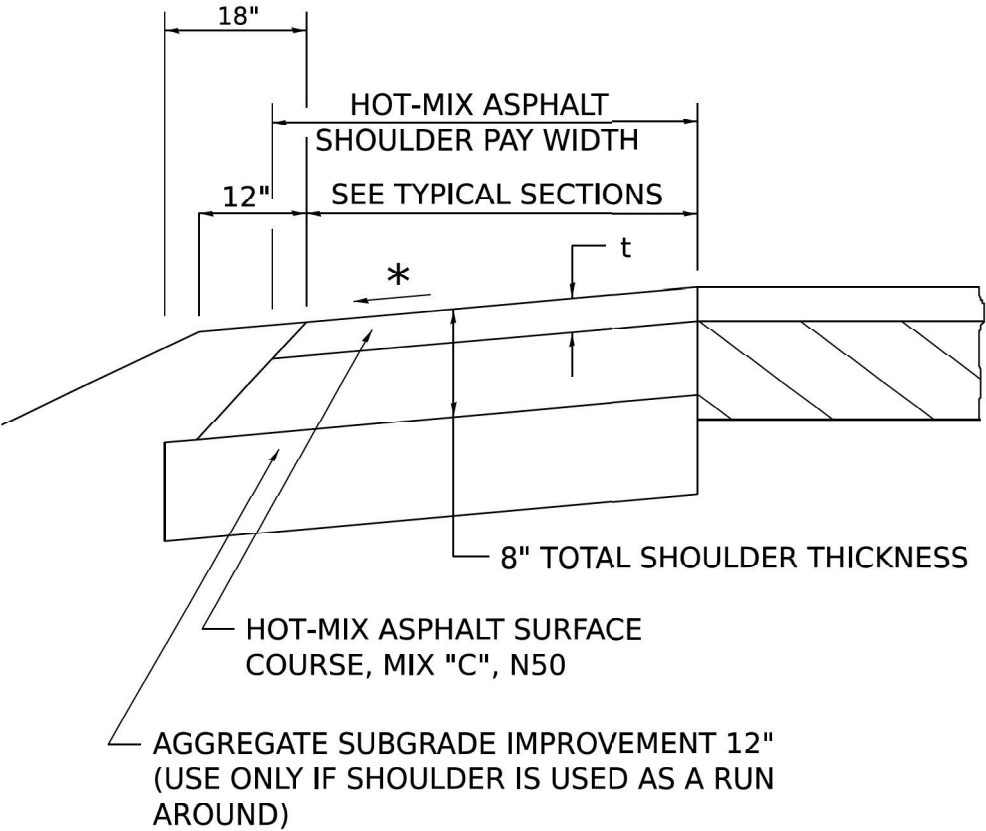
PILE DATA - TWO PIERS

|                  |                  |
|------------------|------------------|
| Type - Steel     | HP 10 x 42       |
| Capacity         | Drive to refusal |
| Estimated Length | 46 ft            |
| Number Required  | 12*              |

\*Includes one Test Pile at Pier 2.

PIER DETAILS  
FA ROUTE 17 (IL 64)  
OVER  
ELKHORN CREEK TRIBUTARY  
SECTION 101 BR-2  
STA. 25+11.00  
OGLE COUNTY  
STRUCTURE NO. 071-0062

# HOT-MIX ASPHALT SHOULDER



t = SEE TYPICAL SECTIONS FOR THICKNESS

## GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

\* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

MODEL: 22.4  
FILE NAME: c:\pwworking\central\0145114159\264105-SH-Details.dgn

|                        |                   |           |
|------------------------|-------------------|-----------|
| USER NAME = MANDRUSHKO | DESIGNED -        | REVISED - |
|                        | DRAWN -           | REVISED - |
|                        | CHECKED -         | REVISED - |
| PLOT DATE = 6/16/2025  | DATE - 06/20/2025 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2/DISTRICT 2 STANDARD

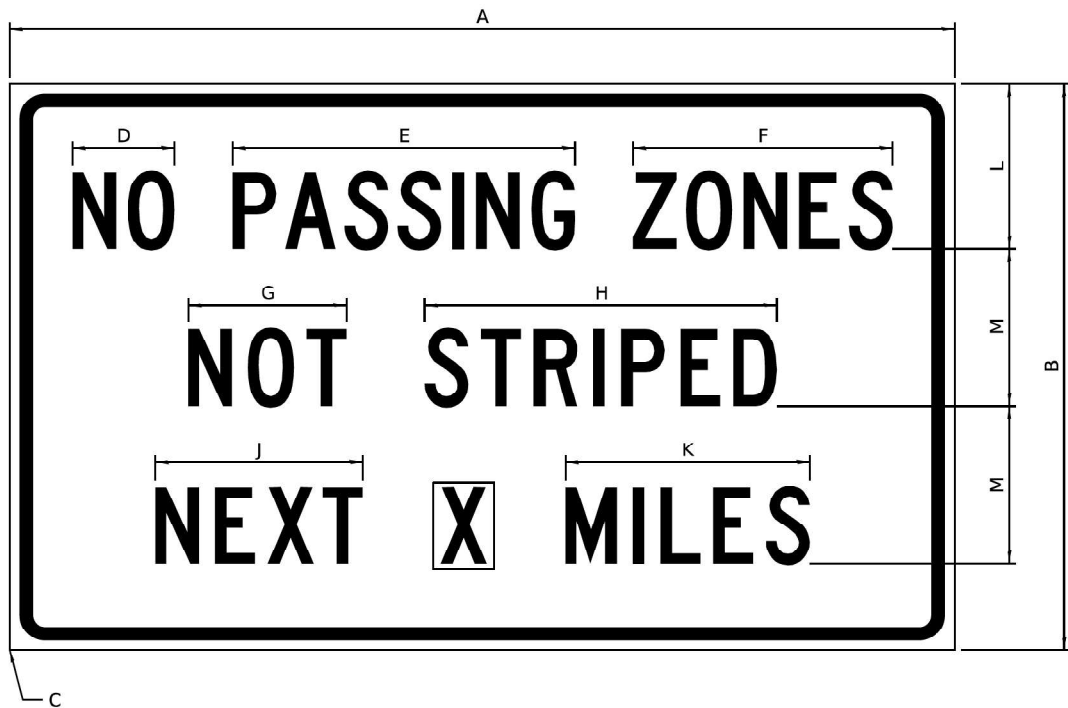
SCALE: SHEET OF 9 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 29        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |



WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



COLOR      LEGEND AND BORDER BACKGROUND      BLACK ORANGE      NON-REFLECTORIZED REFLECTORIZED

| SIGN SIZE | DIMENSIONS |       |      |     |       |       |       |       |       |       |       |       |
|-----------|------------|-------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|
|           | A          | B     | C    | D   | E     | F     | G     | H     | J     | K     | L     | M     |
| 60 x 36   | 60.00      | 36.00 | 2.25 | 6.4 | 21.80 | 16.40 | 10.00 | 22.40 | 13.20 | 15.50 | 10.50 | 10.00 |

| SIGN SIZE | SERIES BY LINE |    |    | MARGIN | BORDER |
|-----------|----------------|----|----|--------|--------|
|           | 1              | 2  | 3  |        |        |
| 60 x 36   | 5C             | 5C | 5C | 0.625  | 0.875  |

Sign not to scale

GENERAL NOTES

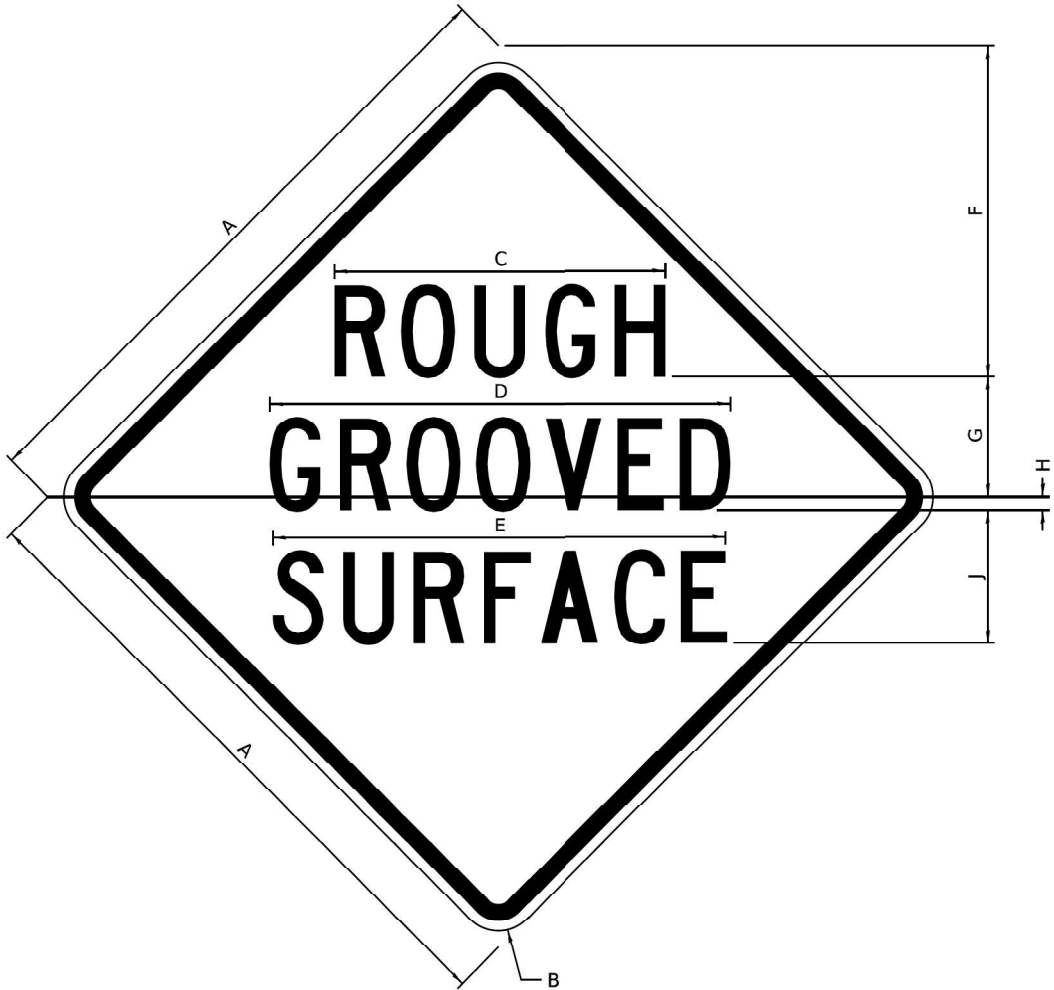
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

ILLINOIS STANDARD W8-I107



COLOR      LEGEND AND BORDER BACKGROUND      BLACK ORANGE      NON-REFLECTORIZED REFLECTORIZED

| SIGN SIZE | DIMENSIONS |      |       |       |       |       |      |      |       |
|-----------|------------|------|-------|-------|-------|-------|------|------|-------|
|           | A          | B    | C     | D     | E     | F     | G    | H    | J     |
| 48 x 48   | 48.00      | 3.00 | 25.00 | 34.80 | 34.20 | 24.94 | 9.00 | 1.00 | 10.00 |

| SIGN SIZE | SERIES BY LINE |    |    | MARGIN | BORDER |
|-----------|----------------|----|----|--------|--------|
|           | 1              | 2  | 3  |        |        |
| 48 x 48   | 7C             | 7C | 7C | 1.250  | 0.750  |

Sign not to scale

MODEL: 34.1.1  
FILE NAME: c:\pwworking\central\0145114159\264105-Sign-Details.dgn

|                       |                        |            |           |
|-----------------------|------------------------|------------|-----------|
| PLOT DATE = 6/16/2025 | USER NAME = MANDRUSHKO | DESIGNED - | REVISED - |
|                       |                        | DRAWN -    | REVISED - |
|                       |                        | CHECKED -  | REVISED - |
|                       | DATE = 06/20/2025      | REVISED -  |           |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

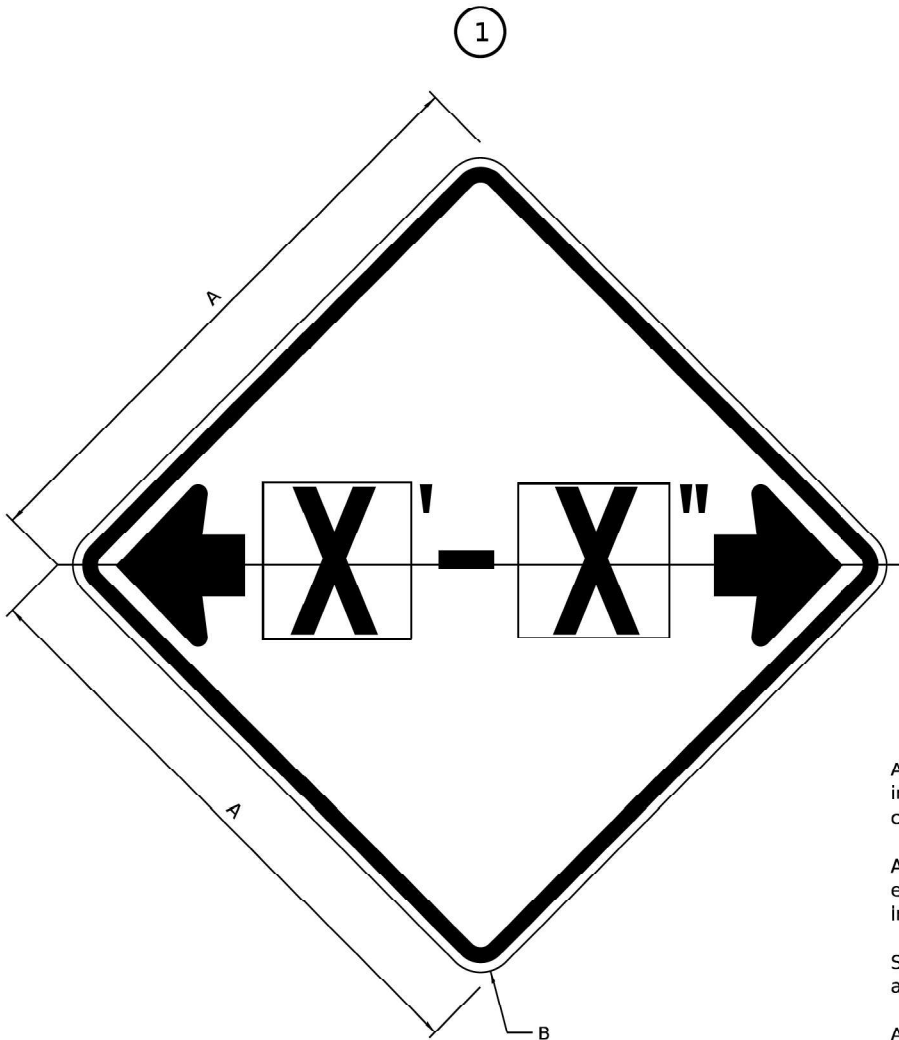
REGION 2/DISTRICT 2 STANDARD

SCALE: SHEET OF 9 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 30        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

| COLOR | LEGEND AND BORDER BACKGROUND | BLACK FL ORANGE | NON-REFLECTORIZED REFLECTORIZED |
|-------|------------------------------|-----------------|---------------------------------|
|-------|------------------------------|-----------------|---------------------------------|

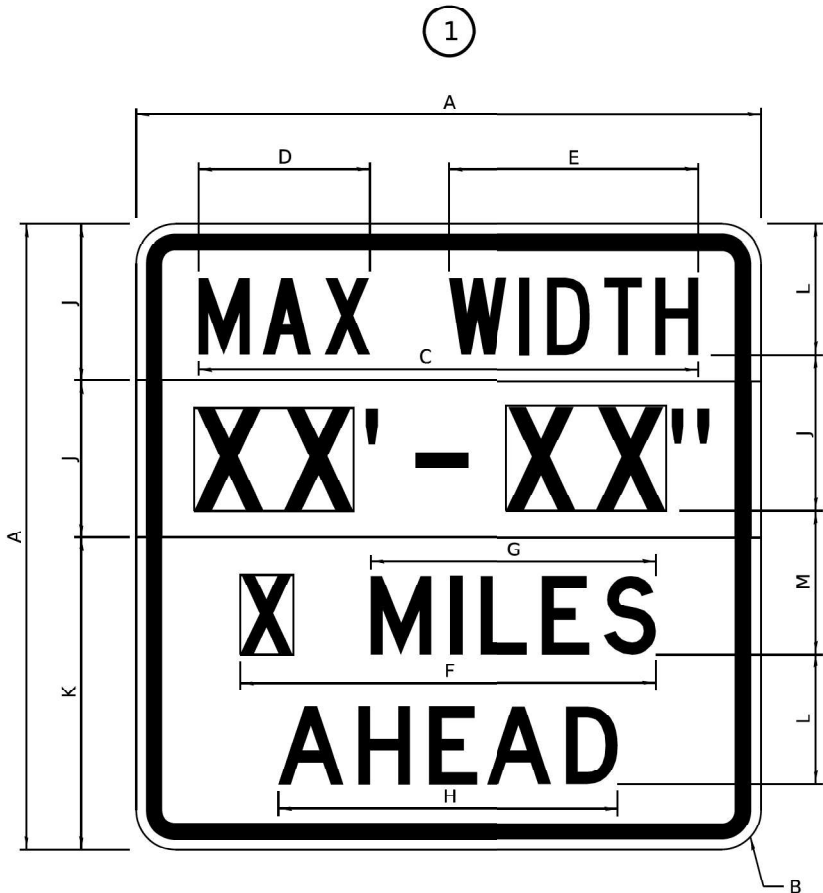
| SIGN SIZE | DIMENSIONS |      |
|-----------|------------|------|
|           | A          | B    |
| 48 x 48   | 48.00      | 3.00 |

1 Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

| SIGN SIZE | SERIES BY LINE | MARGIN | BORDER |
|-----------|----------------|--------|--------|
|           | 1              |        |        |
| 48 x 48   | 12C            | 0.750  | 1.250  |

Sign not to scale

ILLINOIS STANDARD W12-I103



| COLOR | LEGEND AND BORDER BACKGROUND (WIDTH) | BLACK WHITE FL ORANGE | NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED |
|-------|--------------------------------------|-----------------------|---|
|-------|--------------------------------------|-----------------------|---|

| SIGN SIZE | DIMENSIONS |      |       |       |       |       |       |       |       |       |       |       |
|-----------|------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|           | A          | B    | C     | D     | E     | F     | G     | H     | J     | K     | L     | M     |
| 48 x 48   | 48.00      | 3.00 | 38.40 | 13.20 | 19.20 | 32.00 | 22.00 | 26.20 | 12.00 | 24.00 | 10.00 | 11.00 |

| SIGN SIZE | SERIES BY LINE |    |    |    | MARGIN | BORDER |
|-----------|----------------|----|----|----|--------|--------|
|           | 1              | 2  | 3  | 4  |        |        |
| 48 x 48   | 6C             | 8D | 6D | 6D | 0.750  | 1.250  |

Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

MODEL: 34.1.2  
FILE NAME: c:\pwworking\central\0145114159\0264105-Sht-Details.dgn

|                        |                   |           |
|------------------------|-------------------|-----------|
| USER NAME = MANDRUSHKO | DESIGNED -        | REVISED - |
|                        | DRAWN -           | REVISED - |
|                        | CHECKED -         | REVISED - |
| PLOT DATE = 6/16/2025  | DATE - 06/20/2025 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2/DISTRICT 2 STANDARD

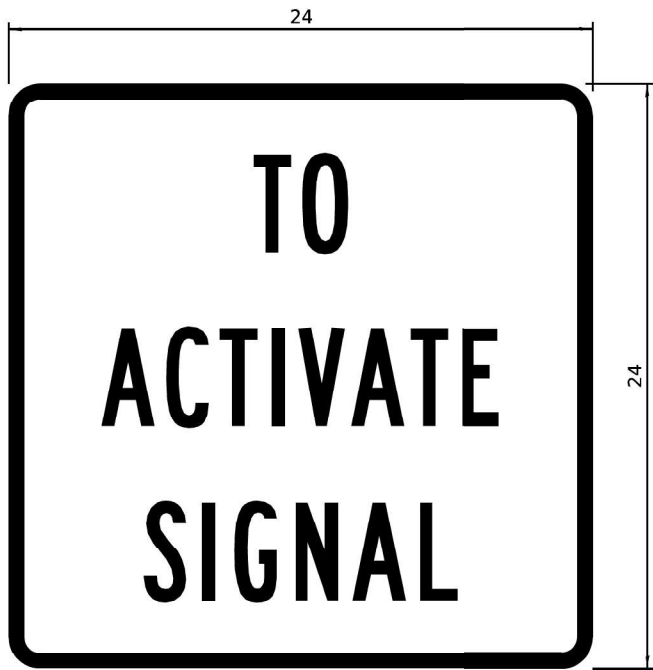
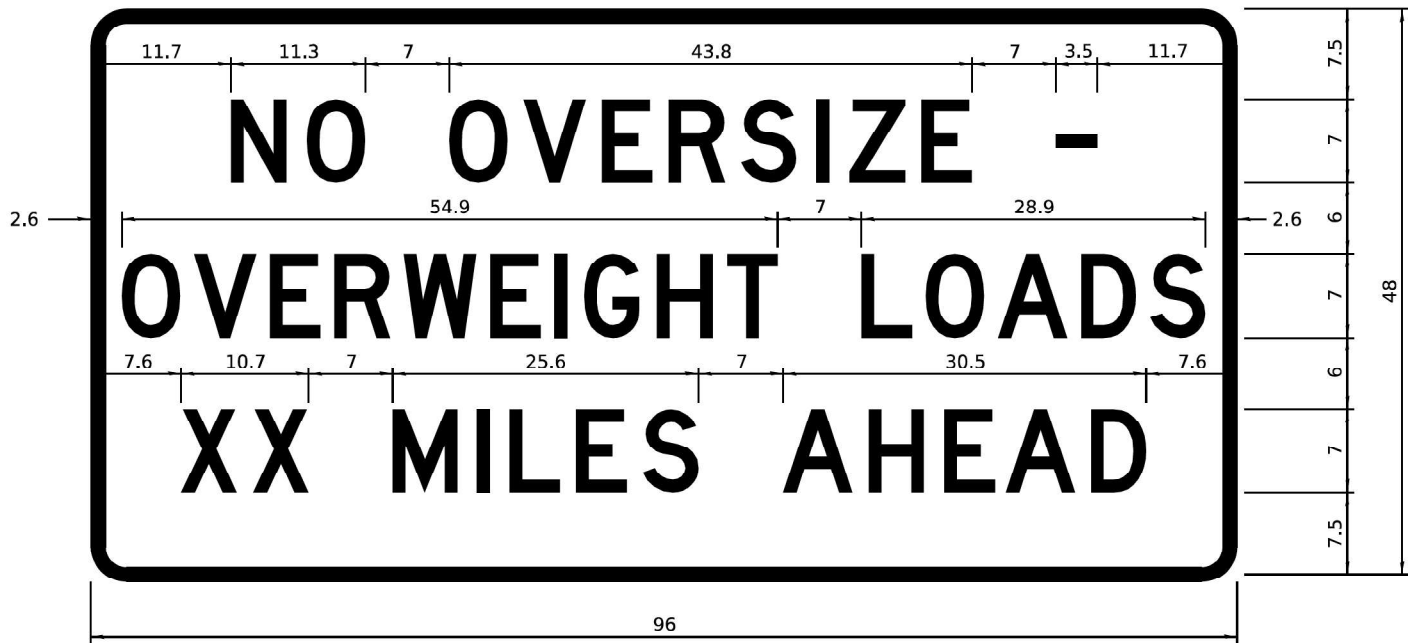
SCALE: SHEET OF 9 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 31        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |

# WORK ZONE SIGN DETAILS

## ROAD CLOSED TO OVERSIZED LOADS

## STOP LINE SIGN FOR TEMPORARY SIGNALS



| COLOR | LEGEND AND BORDER BACKGROUND | BLACK ORANGE | NON-REFLECTORIZED REFLECTORIZED |
|-------|------------------------------|--------------|---------------------------------|
|-------|------------------------------|--------------|---------------------------------|

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;  
[NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;  
Table of letter and object lefts.

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| N    | O    | O    | V    | E    | R    | S    | I    | Z    | E    | -    |
| 11.7 | 18.1 | 30.0 | 36.2 | 42.8 | 48.4 | 54.4 | 60.7 | 63.5 | 69.5 | 80.8 |

|     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O   | V   | E    | R    | W    | E    | I    | G    | H    | T    | L    | O    | A    | D    | S    |
| 2.6 | 8.6 | 15.0 | 20.4 | 26.2 | 33.4 | 38.8 | 41.3 | 47.4 | 53.2 | 64.5 | 69.9 | 75.9 | 82.9 | 88.7 |

|     |      |      |      |      |      |      |      |      |      |      |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| X   | X    | M    | I    | L    | E    | S    | A    | H    | E    | A    | D    |
| 7.6 | 13.6 | 25.3 | 32.3 | 35.1 | 40.6 | 46.2 | 57.9 | 65.1 | 71.4 | 76.6 | 83.7 |

Sign not to scale

| COLOR | LEGEND AND BORDER BACKGROUND | BLACK WHITE | NON-REFLECTORIZED REFLECTORIZED |
|-------|------------------------------|-------------|---------------------------------|
|-------|------------------------------|-------------|---------------------------------|

| SIGN SIZE | SERIES BY LINE |    |    |
|-----------|----------------|----|----|
|           | 1              | 2  | 3  |
| 24 x 24   | 4C             | 4C | 4C |

Sign not to scale

### GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

MODEL: 34.1.3  
FILE NAME: c:\pwworking\central\0145114159\0264105-Sign-Details.dgn

|                        |                   |           |
|------------------------|-------------------|-----------|
| USER NAME = MANDRUSHKO | DESIGNED -        | REVISED - |
|                        | DRAWN -           | REVISED - |
|                        | CHECKED -         | REVISED - |
| PLOT DATE = 6/16/2025  | DATE - 06/20/2025 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2/DISTRICT 2 STANDARD

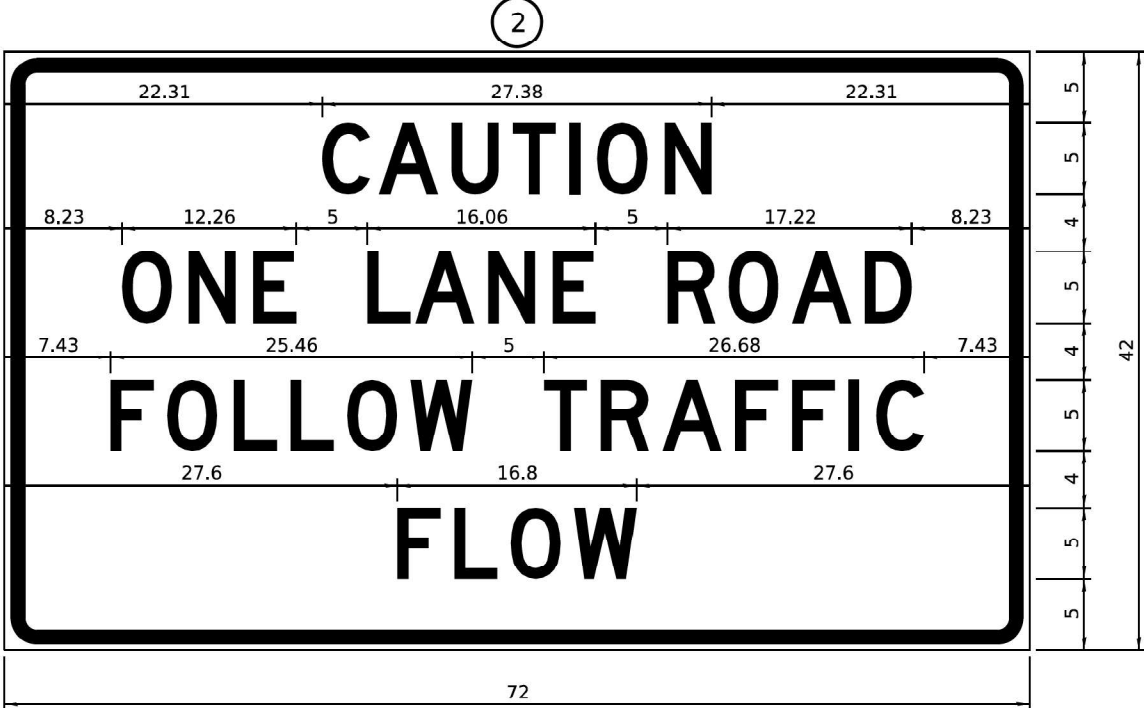
SCALE: SHEET OF 9 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 32        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |



ENTRANCE SIGN FOR USE  
WITH TEMPORARY SIGNALS

WORK ZONE SIGN DETAILS



| COLOR | LEGEND AND BORDER<br>BACKGROUND | BLACK<br>ORANGE | NON-REFLECTORIZED<br>REFLECTORIZED |
|-------|---------------------------------|-----------------|------------------------------------|
|-------|---------------------------------|-----------------|------------------------------------|

2.25" Radius, 0.88" Border, 0.50" Indent;  
[CAUTION] D; [ONE LANE ROAD] D;  
[FOLLOW TRAFFIC] D; [FLOW] D

2 This sign shall be installed at entrances located between  
the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

|       |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |       |
|-------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|-------|
| 22.31 | C | 3.36 | 0.62 | A | 4.18 | 0.94 | U | 3.36 | 0.94 | T | 3.04 | 0.94 | I | 0.78 | 1.17 | O | 3.52 | 1.17 | N | 3.36 | 22.31 |
|-------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|-------|

|      |   |      |      |   |      |      |   |      |
|------|---|------|------|---|------|------|---|------|
| 8.23 | O | 3.51 | 1.17 | N | 3.36 | 1.18 | E | 3.04 |
|------|---|------|------|---|------|------|---|------|

|      |   |      |      |   |      |      |   |      |      |   |      |
|------|---|------|------|---|------|------|---|------|------|---|------|
| 5.00 | L | 3.05 | 0.31 | A | 4.18 | 0.94 | N | 3.36 | 1.17 | E | 3.05 |
|------|---|------|------|---|------|------|---|------|------|---|------|

|      |   |      |      |   |      |      |   |      |      |   |      |      |
|------|---|------|------|---|------|------|---|------|------|---|------|------|
| 5.00 | R | 3.36 | 0.93 | O | 3.52 | 0.94 | A | 4.18 | 0.93 | D | 3.36 | 8.23 |
|------|---|------|------|---|------|------|---|------|------|---|------|------|

|      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |
|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|
| 7.43 | F | 3.04 | 0.94 | O | 3.52 | 1.17 | L | 3.04 | 0.94 | L | 3.05 | 0.94 | O | 3.51 | 0.94 | W | 4.37 |
|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|

|      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |
|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|
| 5.00 | T | 3.05 | 0.94 | R | 3.36 | 0.94 | A | 4.18 | 0.93 | F | 3.05 | 0.94 | F | 3.04 | 0.94 | I | 0.78 | 1.18 | C | 3.35 | 7.43 |
|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|

|       |   |      |      |   |      |      |   |      |      |   |      |       |
|-------|---|------|------|---|------|------|---|------|------|---|------|-------|
| 27.60 | F | 3.05 | 0.94 | L | 3.04 | 0.94 | O | 3.52 | 0.93 | W | 4.38 | 27.60 |
|-------|---|------|------|---|------|------|---|------|------|---|------|-------|

Sign not to scale

GENERAL NOTES

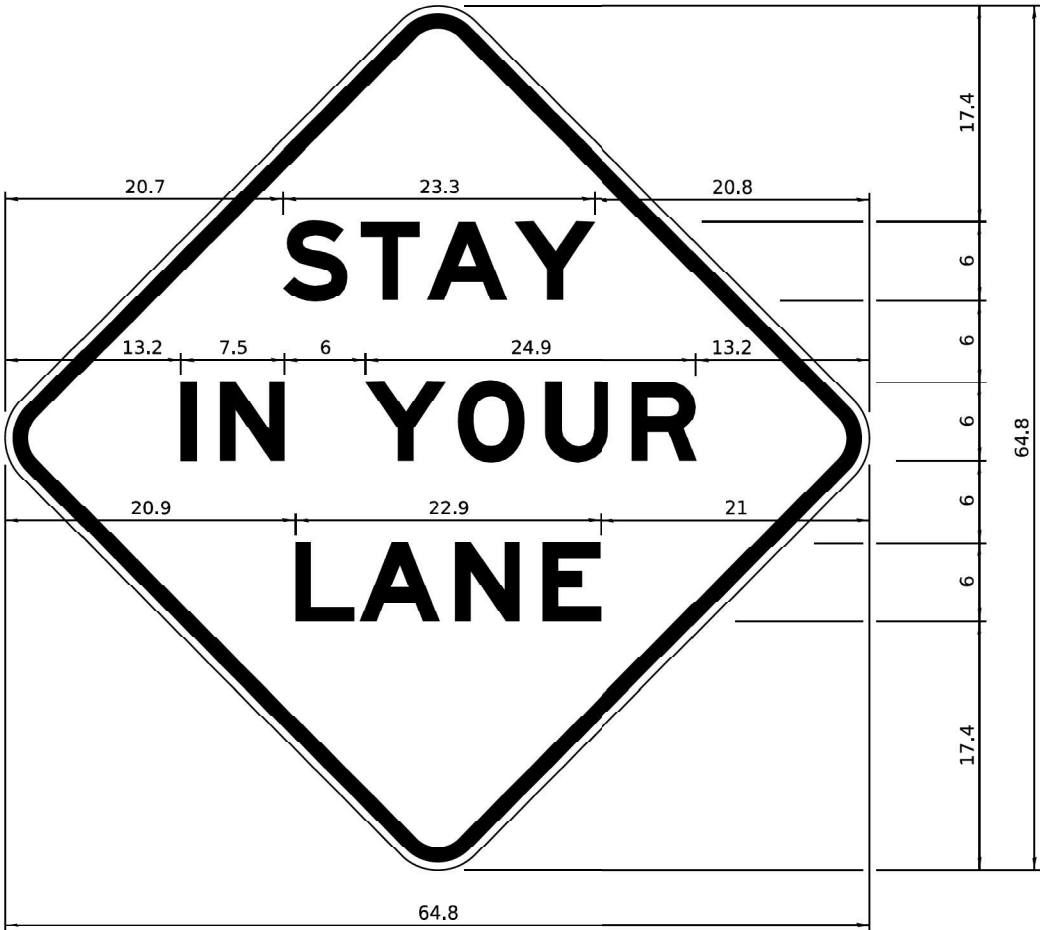
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

STAY IN YOUR LANE



| COLOR | LEGEND AND BORDER<br>BACKGROUND | BLACK<br>ORANGE | NON-REFLECTORIZED<br>REFLECTORIZED |
|-------|---------------------------------|-----------------|------------------------------------|
|-------|---------------------------------|-----------------|------------------------------------|

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;  
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

|      |      |      |      |
|------|------|------|------|
| S    | T    | A    | Y    |
| 20.7 | 26.8 | 31.6 | 38.0 |

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| I    | N    | Y    | O    | U    | R    |
| 13.2 | 15.9 | 26.7 | 33.9 | 40.5 | 46.8 |

|      |      |      |      |
|------|------|------|------|
| L    | A    | N    | E    |
| 20.9 | 25.8 | 33.1 | 39.4 |

Sign not to scale

MODEL: 34.1.4  
FILE NAME: c:\pwworking\central\014511459\0264105-Sht-Details.dgn

|                        |                   |           |
|------------------------|-------------------|-----------|
| USER NAME = MANDRUSHKO | DESIGNED -        | REVISED - |
|                        | DRAWN -           | REVISED - |
|                        | CHECKED -         | REVISED - |
| PLOT DATE = 6/16/2025  | DATE - 06/20/2025 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

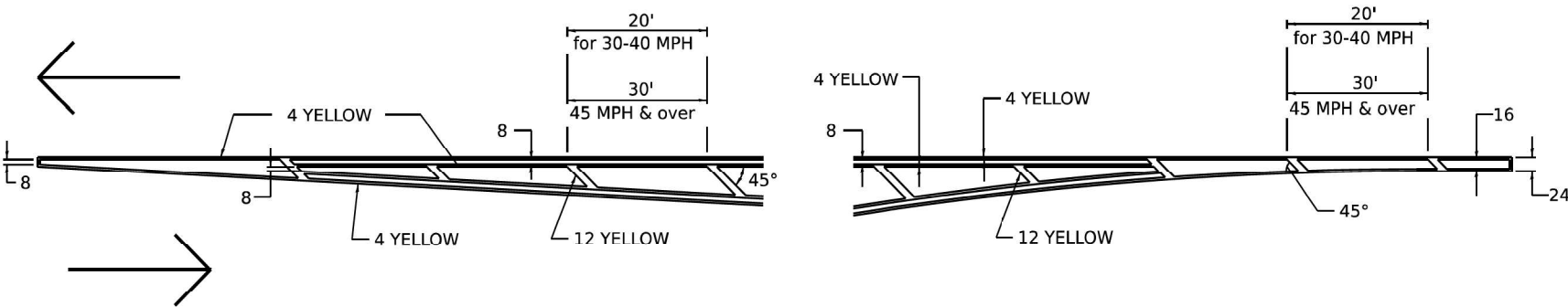
REGION 2/DISTRICT 2 STANDARD

SCALE: SHEET OF 9 SHEETS STA. TO STA.

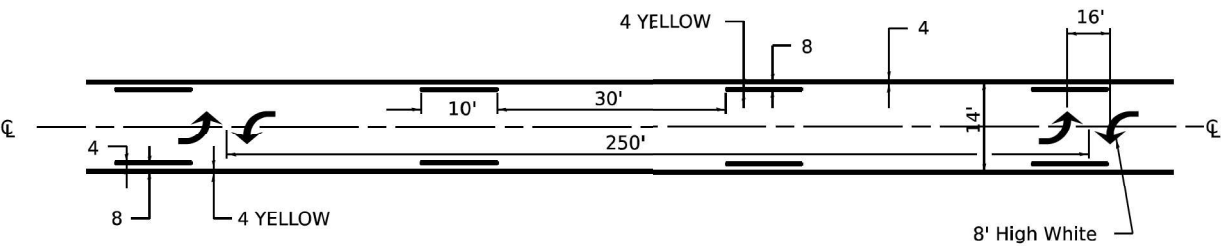
| F.A.P.<br>RTE.            | SECTION      | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|---------------------------|--------------|--------|-----------------|--------------|
| 17                        | (101BR-2)BDR | OGLE   | 37              | 33           |
| CONTRACT NO. 64T05        |              |        |                 |              |
| ILLINOIS FED. AID PROJECT |              |        |                 |              |

# TYPICAL PAVEMENT MARKINGS

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

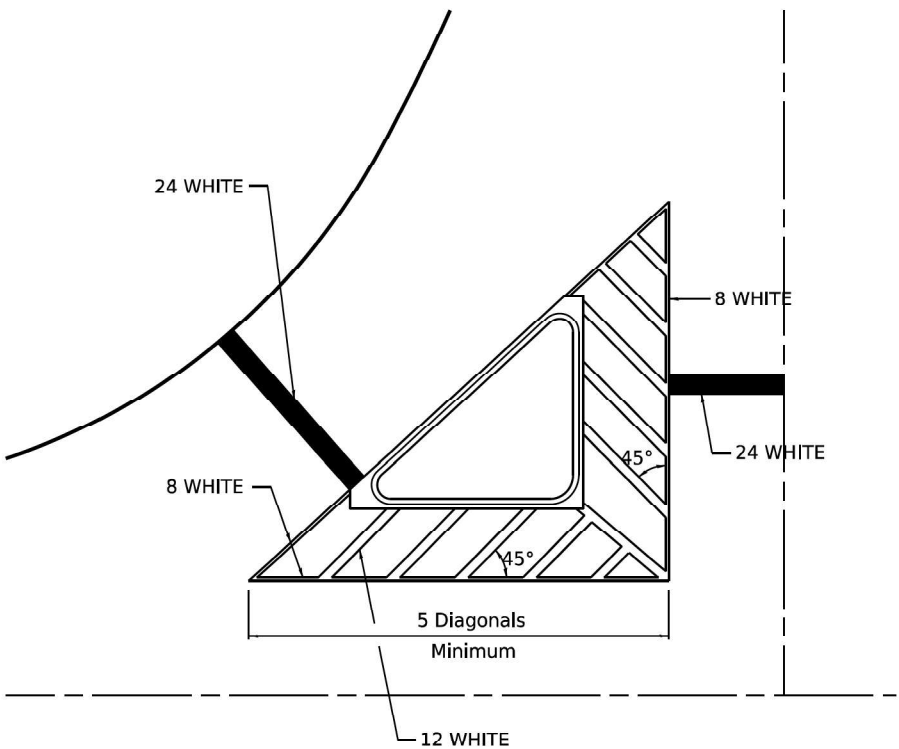


## MEDIAN PAVEMENT MARKING



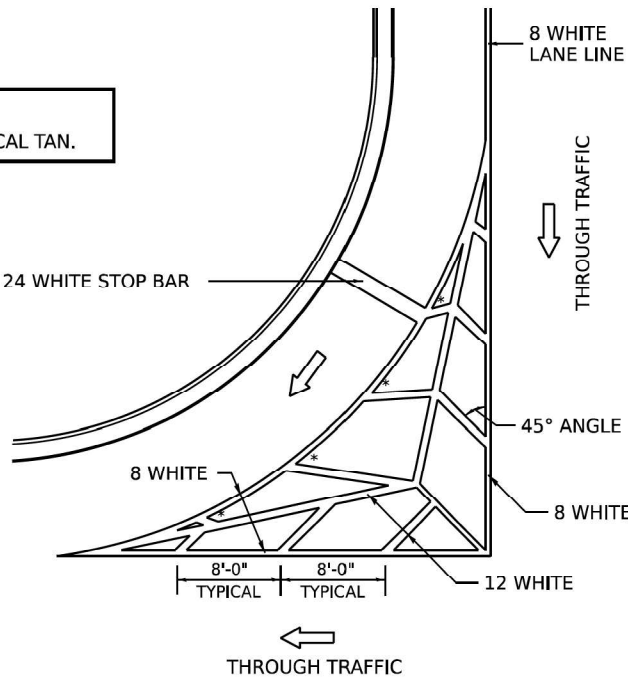
\*\* ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH



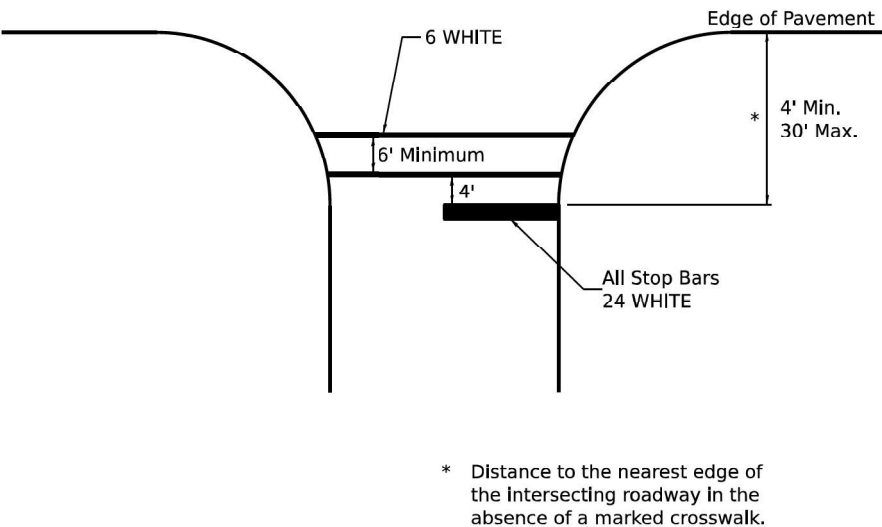
## TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:  
\* 45° TO LOCAL TAN.



## STANDARD CROSSWALK MARKING

See Schedules for Locations



\* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

MODEL: 41.1.1  
FILE NAME: c:\pwworking\central\0145114159\0264105-Sht-Details.dgn

|                        |                   |           |
|------------------------|-------------------|-----------|
| USER NAME = MANDRUSHKO | DESIGNED -        | REVISED - |
|                        | DRAWN -           | REVISED - |
|                        | CHECKED -         | REVISED - |
| PLOT DATE = 6/16/2025  | DATE = 06/20/2025 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

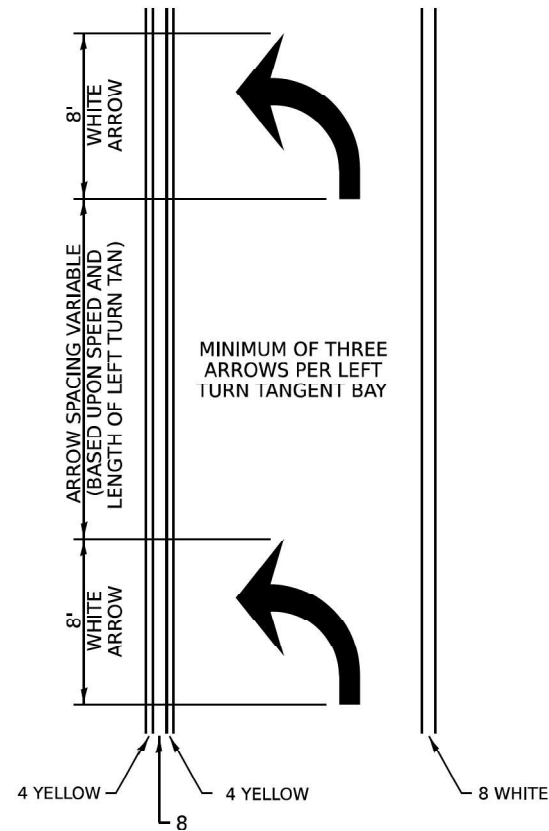
REGION 2/DISTRICT 2 STANDARD

SCALE: SHEET OF 9 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 34        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |

# TYPICAL PAVEMENT MARKINGS

## ARROW LAYOUT



## SYMBOLS

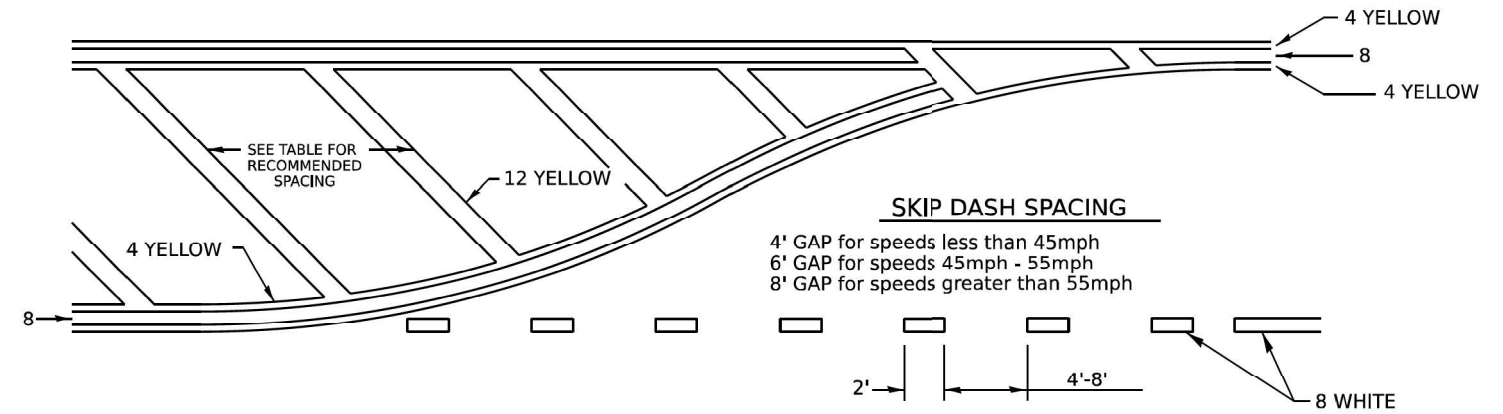
- ◀ ONE-WAY  
AMBER MARKER
- ◁ ONE-WAY  
CRYSTAL MARKER
- ◆ TWO-WAY  
AMBER MARKER

ALL DIMENSIONS ARE IN INCHES  
UNLESS OTHERWISE NOTED.

6 at 40' O.C.  
APPROACH SIDE ONLY

See Typical -  
Drawing at right

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



### RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

| Speed Limit<br>Range | Continuous<br>Median Area | Intersection<br>Channelization | Objects<br>(Islands) |
|----------------------|---------------------------|--------------------------------|----------------------|
| less than 30MPH      | 50'                       | 15'                            | 10'                  |
| 30-40MPH             | 75'                       | 20'                            | 15'                  |
| 45MPH & over         | 75'                       | 30'                            | 20'                  |

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.

6 WHITE  
— CROSSWALK LINES

6' MINIMUM —

8 WHITE ➔

WHITE -

8 WHI

24  
WHITE  
STOP LINE

See Typical  
Drawing above

6 at 40' O.C.  
APPROACH SIDE ONLY

|                        |                   |           |
|------------------------|-------------------|-----------|
| USER NAME = MANDRUSHKO | DESIGNED -        | REVISED - |
|                        | DRAWN -           | REVISED - |
|                        | CHECKED -         | REVISED - |
| PLOT DATE = 6/16/2025  | DATE - 06/20/2025 | REVISED - |

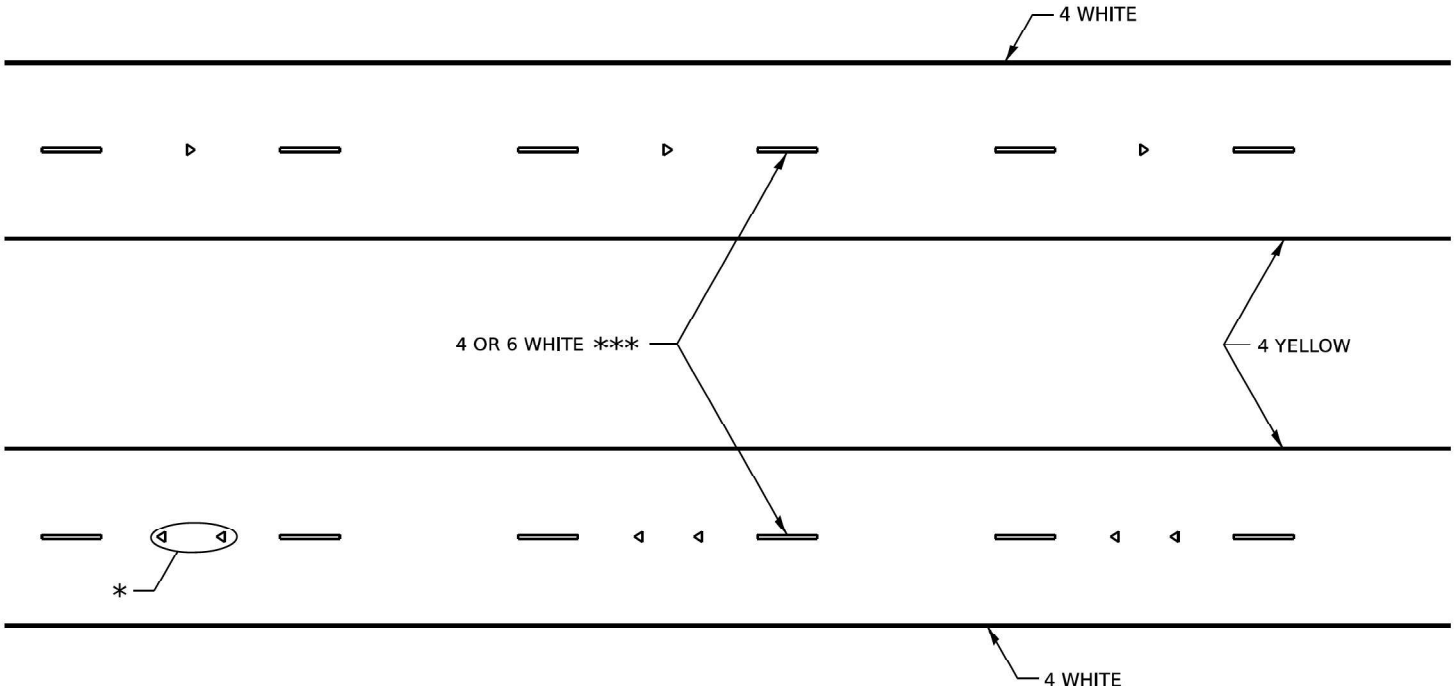
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**REGION 2/DISTRICT 2 STANDARD**

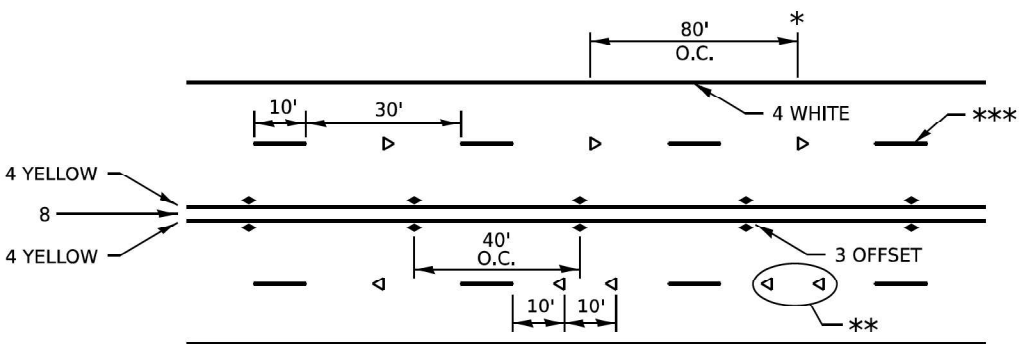
|        |       |             |      |         |
|--------|-------|-------------|------|---------|
| SCALE: | SHEET | OF 9 SHEETS | STA. | TO STA. |
|--------|-------|-------------|------|---------|

|               |              |                    |                  |              |
|---------------|--------------|--------------------|------------------|--------------|
| F.A.P<br>RTE. | SECTION      | COUNTY             | TOTAL<br>SHEETS  | SHEET<br>NO. |
| 17            | (101BR-2)BDR | OGLE               | 37               | 35           |
|               |              | CONTRACT NO. 64T05 |                  |              |
|               |              | ILLINOIS           | FED. AID PROJECT |              |

TYPICAL PAVEMENT MARKINGS



MULTI-LANE / DIVIDED

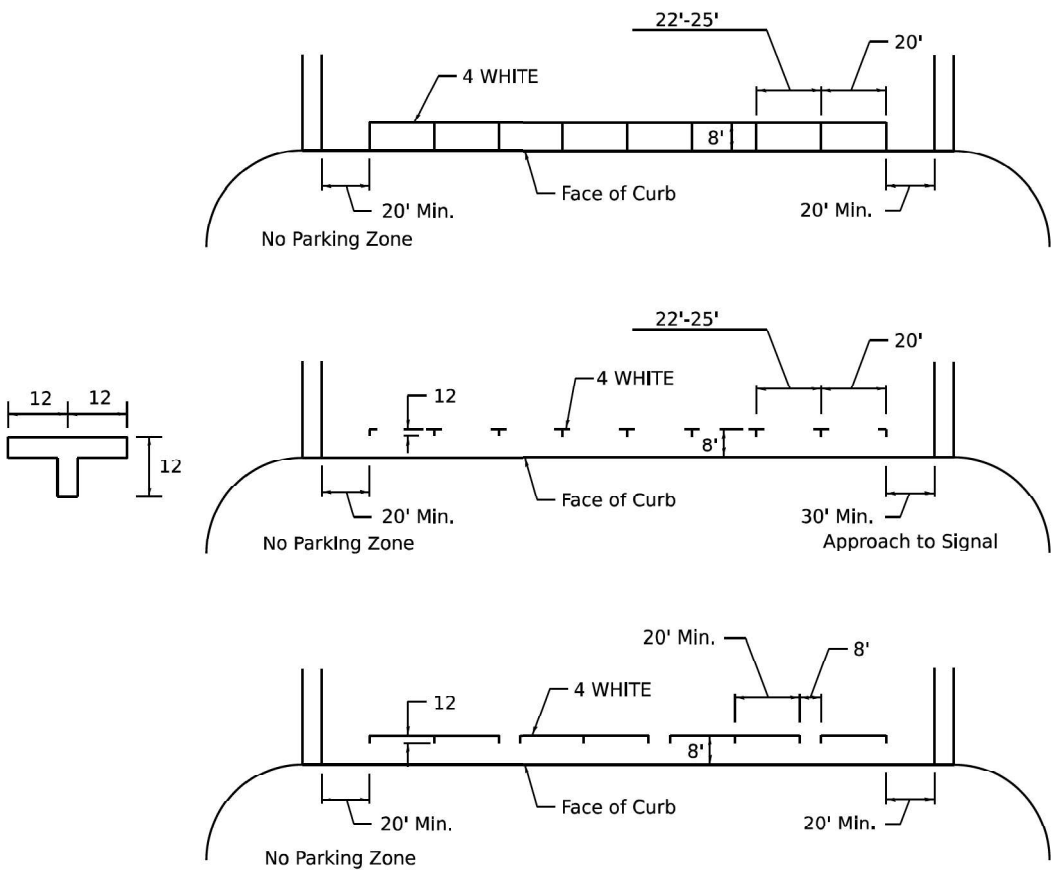


- \* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- \*\* USE DOUBLE MARKERS WHEN ADT ≥ 20,000
- \*\*\* CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

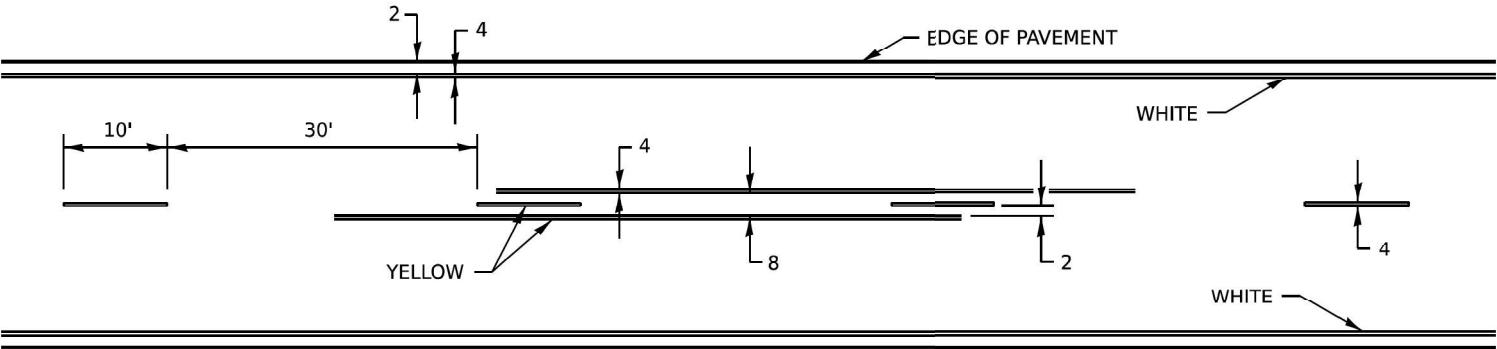
MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS  
DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



MODEL: 41.1.3  
FILE NAME: c:\pwworking\central\0145114159\0264105-Sht-Details.dgn

|                        |                   |           |
|------------------------|-------------------|-----------|
| USER NAME = MANDRUSHKO | DESIGNED -        | REVISED - |
|                        | DRAWN -           | REVISED - |
|                        | CHECKED -         | REVISED - |
| PLOT DATE = 6/16/2025  | DATE - 06/20/2025 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2/DISTRICT 2 STANDARD

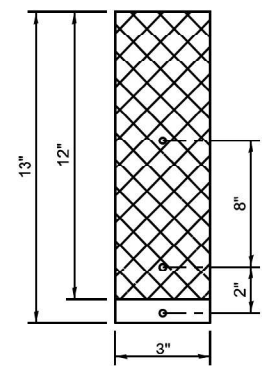
SCALE: SHEET OF 9 SHEETS STA. TO STA.

|                           |              |        |                 |              |
|---------------------------|--------------|--------|-----------------|--------------|
| F.A.P<br>RTE.             | SECTION      | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
| 17                        | (101BR-2)BDR | OGLE   | 37              | 36           |
| CONTRACT NO. 64T05        |              |        |                 |              |
| ILLINOIS FED. AID PROJECT |              |        |                 |              |

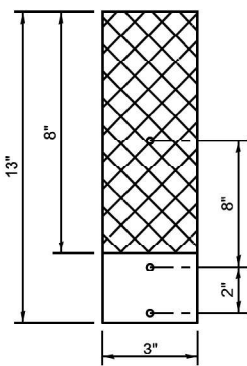
REFLECTORS (SPECIAL)

DELINEATOR REPLACEMENT

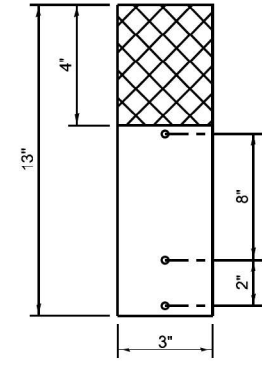
③ REPLACING 3 BUTTON DELINEATOR



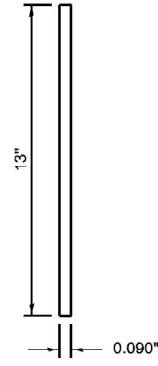
② REPLACING 2 BUTTON DELINEATOR



① STRAIGHT REFLECTOR / DELINEATOR



SIDE VIEW



NOTE:

REFLECTOR REPLACEMENT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR GUARDRAIL REFLECTORS, TYPE C (SPECIAL), WHICH INCLUDES ALL MOUNTING HARDWARE OUTLINED IN SECTION 635 OF THE SPEC BOOK.

DELINEATOR INSTALLATION (REFLECTOR AND POST) SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR DELINEATORS (SPECIAL), WHICH INCLUDES ALL MOUNTING HARDWARE OUTLINED IN SECTION 635 OF THE SPEC BOOK.

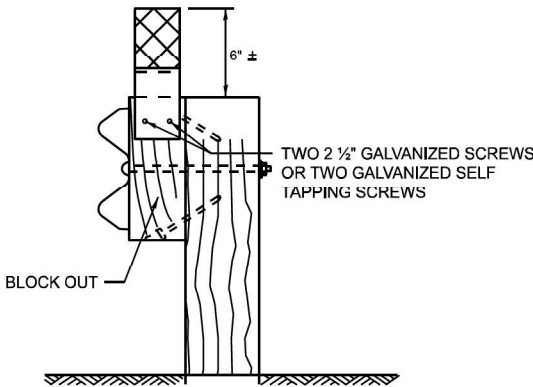
REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE CRYSTAL.

REFLECTORS INSTALLED ON CENTER BARRIER OR IN THE MEDIAN SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE YELLOW.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS ON THE OUTSIDE OF THE ROADWAY SHALL BE DOUBLE SIDED CRYSTAL.

SPACING FOR REFLECTORS SHALL BE ACCORDING TO STANDARD 782006 UNLESS OTHERWISE NOTED IN THE PLANS.

REFLECTORS FOR GUARDRAIL BLOCK OUT OR DELINEATOR POST

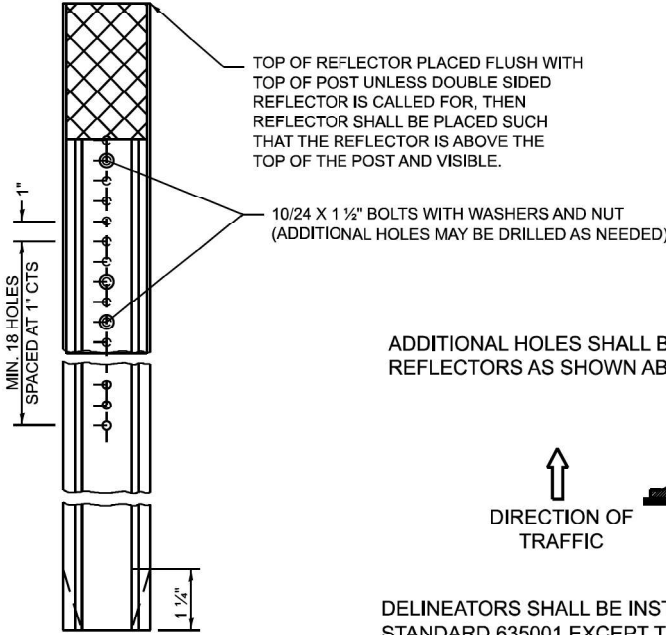


MOUNTED ON A GUARDRAIL BLOCK OUT

REFLECTORS SHALL BE MOUNTED DIRECTLY TO BLOCK OUTS.

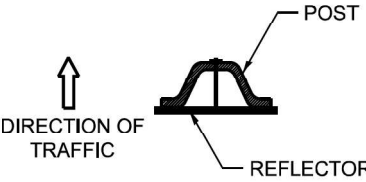
REFLECTORS MOUNTED ON WOODEN OR PLASTIC OR METAL BLOCK OUT SHALL BE MOUNTED USING TWO 2 1/2" GALVANIZED SCREWS WITH WASHERS OR TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

ADDITIONAL SHEETING MAY BE ADDED AS NEEDED FOR TURN AROUNDS AS SHOWN IN THE PLANS



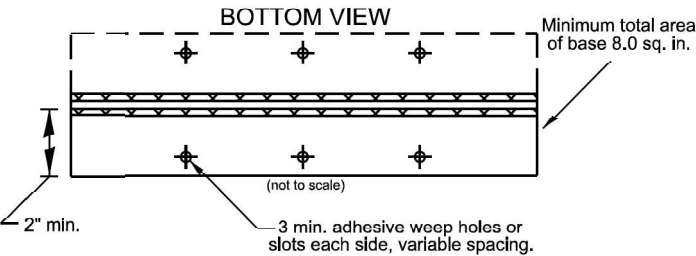
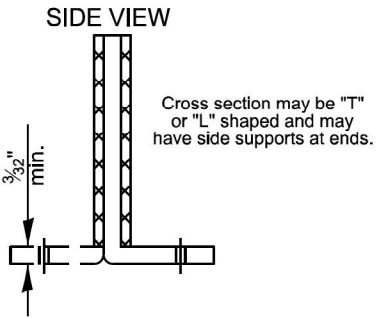
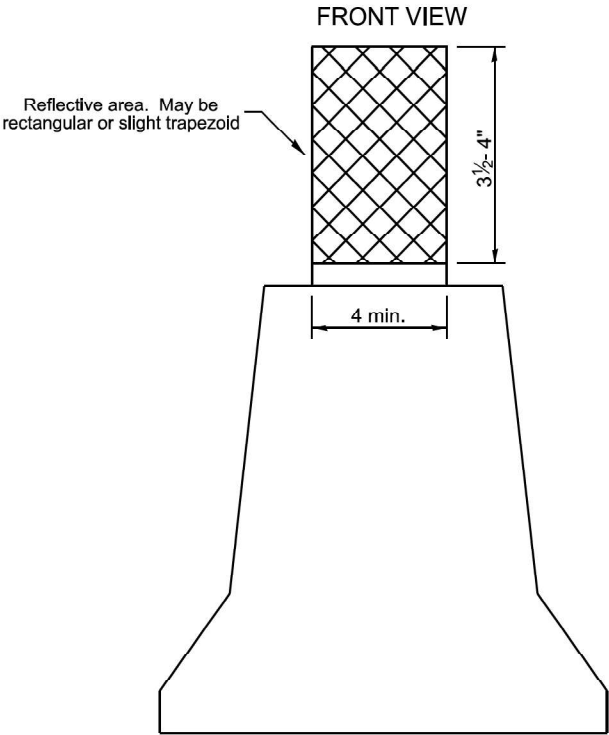
MOUNTED ON A DELINEATOR POST

ADDITIONAL HOLES SHALL BE DRILLED IN THE REFLECTORS AS SHOWN ABOVE.



DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE REFLECTOR ATTACHED AS SHOWN ABOVE.

REFLECTORS MOUNTED ON BARRIER WALL



NOTE:

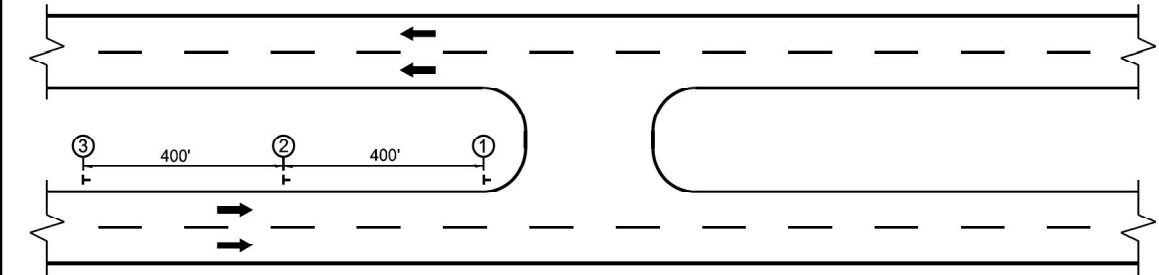
REFLECTORS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR BARRIER WALL REFLECTORS (SPECIAL), WHICH PRICE SHALL ALSO INCLUDE SCREWS, WASHERS OR AN APPROVED BONDING AGENT.

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE CRYSTAL.

REFLECTORS INSTALLED ON CENTER BARRIER SHALL BE DOUBLE SIDE AND BOTH SIDES SHALL BE AMBER.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS ALONG THE OUTSIDE OF THE HIGHWAY SHALL BE DOUBLE SIDED CRYSTAL.

SPACING FOR REFLECTORS SHALL BE ACCORDING TO STANDARD 782006 UNLESS OTHERWISE NOTED IN THE PLANS.



LEGEND

OR = DELINEATOR

= REFLECTIVE AREA

MODEL: 55.1  
FILE NAME: c:\pwworking\central\0145114159\0264105-Sh-Details.dgn

|                       |                        |            |           |
|-----------------------|------------------------|------------|-----------|
| PLOT DATE = 6/16/2025 | USER NAME = MANDRUSHKO | DESIGNED - | REVISED - |
|                       |                        | DRAWN -    | REVISED - |
|                       |                        | CHECKED -  | REVISED - |
|                       | DATE - 06/20/2025      | REVISED -  |           |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2/DISTRICT 2 STANDARD

SCALE: SHEET OF 9 SHEETS STA. TO STA.

| F.A.P RTE.                | SECTION      | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|--------|--------------|-----------|
| 17                        | (101BR-2)BDR | OGLE   | 37           | 37        |
| CONTRACT NO. 64T05        |              |        |              |           |
| ILLINOIS FED. AID PROJECT |              |        |              |           |