STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

D-91-235-18



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROPOSED HIGHWAY PLANS

FAP ROUTE 307: IL-64 (MAIN ST.)

R 9 E

OVER FOX RIVER SECTION: 128B-HB

BRIDGE REPAIR/BRIDGE JOINT REPAIR

KANE COUNTY

C-91-099-18

PROJECT LOCATED IN THE CITY OF ST. CHARLES

FOR INDEX OF SHEETS, SEE SHEET NO.

TRAFFIC DATA

2017 ADT IL-64 (MAIN ST.) = 32,000 ADT

POSTED SPEED LIMIT

IL-64 (MAIN ST.) = 25 MPH

PROPOSED IMPROVEMENT SN: 045-2018

CONFORM TO STANDARD SCALES IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

PROJECT ENGINEER: ALAIN MIDY (847)221-3056 PROJECT MANAGER: FAWAD AQUEEL (847)705-4247

W KANE Z 40 WEST **ELSURN** LÁ FOX WHEATON. BATAVIA

ST. CHARLES TOWNSHIP

NET LENGTH = 276 FT. = 0.052 MILES

CONTRACT NO. 62F99

INDEX OF SHEETS

SHEET NO. DESCRIPTION COVER SHEET INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES SUMMARY OF QUANTITIES PROPOSED PLANS EXISTING BRIDGE DECK LAYOUT (FOR INFORMATION ONLY) TRAFFIC CONTROL TYPICAL SECTIONS 7 % 8 TRAFFIC CONTROL STAGING 8A PROPOSED PAVEMENT MARKING TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS AND DRIVEWAYS (TC-10) DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13) TRAFFIC CONTROL AND PROTECTION AT TURNBAYS (TC-14) ARTERIAL ROAD INFORMATION SIGN (TC-22) 12

STATE STANDARDS

| STANDARD NO. | DESCRIPTION |
|--------------|---|
| 701101-05 | OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE |
| 701301-04 | LANE CLOSURE, 2L, 2W. SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY |
| 701427-05 | LANE CLOSURE, MULTILANE, INTERMITTEN OR MOVING OPERATION, |
| | FOR SPEEDS ± 40 MPH |
| 701606-10 | URBAN SINGLE LANE CLOSURE MULTILANE, 2W WITH MOUNTABLE MEDIAN |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701801-06 | SIDEWALK, CORNER OR COSSWALK CLOSURE |
| 701901-07 | TRAFFIC CONTROL DEVICES |

GENERAL NOTES - ROADWAY

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E."
 AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE
 AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE CITY OF ST. CHARLES.
- 3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 4. ALL DAMAGE TO EXISTING PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 6. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD
 (FOR FUTURE REFERENCES), ALL EXISTING PAVEMENT MARKING LINES AND
 RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN
 BE RE- ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL STRIPING SHALL
 BE AS DIRECTED BY THE ENGINEER.
- 7. THE ENGINEER SHALL CONTACT ERIC CAMPOS, IDOT'S AREA TRAFFIC FIELD ENGINEER. VIA EMAIL AT ERIC. CAMPOS@ ILLINOIS. GOV OR AT (815) 485-6475 A MINIMUM OF TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 8. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM DISTRICT 1 BUREAU
 OF MAINTENANCE BRIDGE INSPECTIONS.
- 10. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATION. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION OR ORDERING MATERIALS. SUCH VARIATION SHALL NOT CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR QUANTITY ACTUALLY FURNISHED BASED AT THE UNIT PRICE BID FOR THE WORK.
- 11. THE CONTRACTOR SHALL ENSURE THAT NONE OF THE LOSE DEBRIE IS GOING IN TO THE FOX RIVER.

GENERAL NOTES - TRAFFIC CONTROL & PROTECTION

- 1. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OF CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO HOURS FROM THE TIME OF NOTIFICATION.
- ALL TEMPORARY PAVEMENT MARKINGS PROPOSED WITHIN THE WORK AREA SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION PHASE CHANGE.

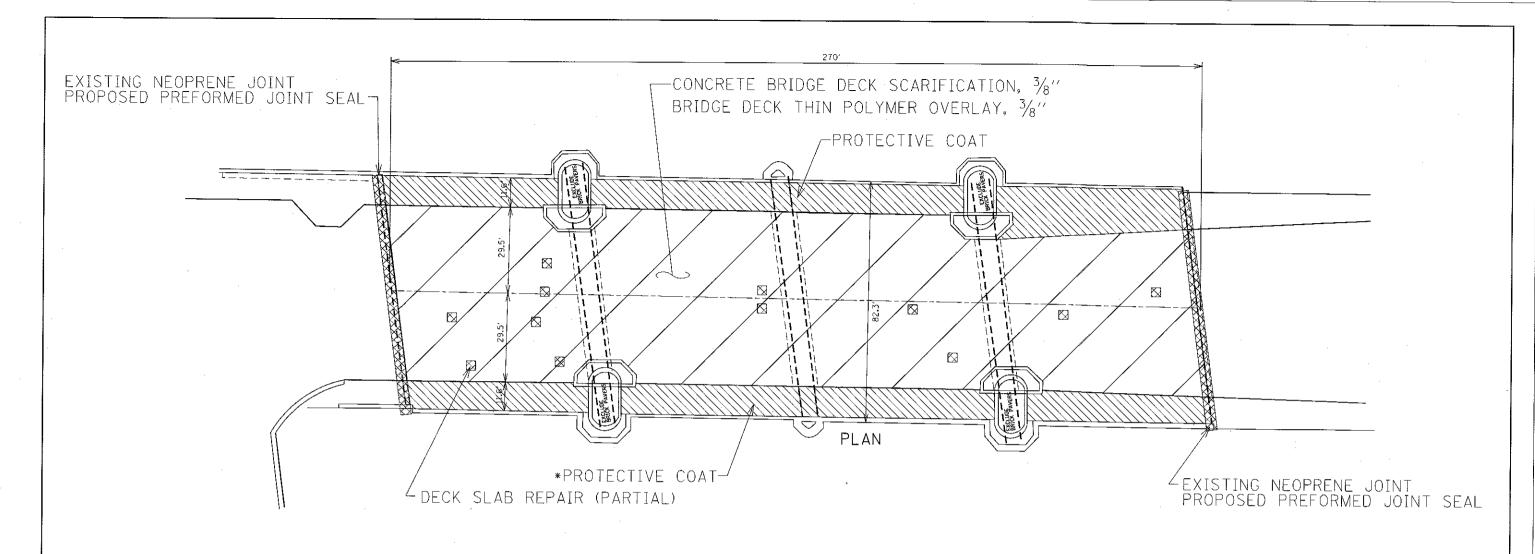
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

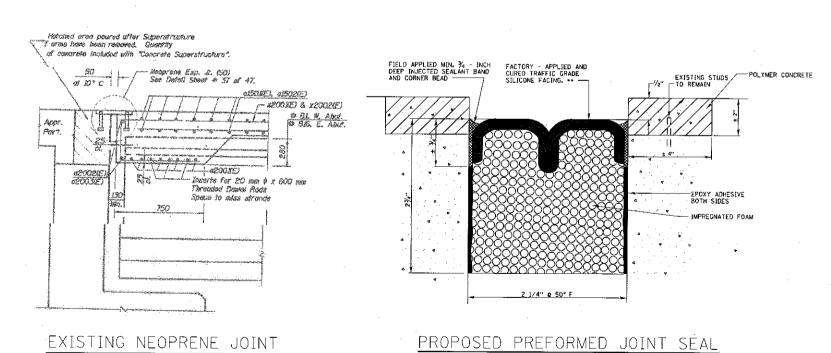
IL-64 (MAIN ST.) OVER FOX RIVER
INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

307

| | | **** | 100% STATE | | CONS | TRUCTIO | N TYPE C | ODE | | T | SUMMARY (| F QUANTITIES | * Professor | | | ONSTRUCTION | N TYPE CODE | |
|-----------------|--|--------------------------------|------------------------------|-------------------------|--|---------|----------|-----|---|--|-------------|--------------|--|--------|---|-------------|-------------|--------|
| ODE NO | SUMMARY OF QUANTITIES ITEM | TINU | URBAN TOTAL QUANTITIES | 0047 | | | | | | CODE NO | | ITEM | UNIT | TOTAL | | | , | ļ |
| 2001300 | PROTECTIVE COAT | SO YD | 665 | 665 | | | | | | | | | - Control of Control o | | | | | |
| | | | | | - | | | | | | | | | | | | | |
| 7000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 6 | 6 | - | | | | | - | | | - | | | | | i |
| 7100100 | MOBILIZATION | L SUM | 1 | 1 | | | | | | | | | | | | | | |
| 300904 | PAVEMENT MARKING TAPE, TYPE IV 4" | FOOT | 2500 | 2500 | | | | | 1 | The state of the s | | | | | | | | |
| | | | 500 | 580 | | | | | | - | | | | | | | | |
| 008210 | POLYUREA PAVEMENT MARKING TYPE I - LINE 4" | FOOT | 580 | 380 | | | | | | | | | | | | | | |
| 008230 | POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6" | FOOT | 15 | 15 | | | | | | | | | | | | | | |
| 327980 | PAVEMENT MARKING REMOVAL - WATER BLASTING | SQ FT | 200 | 200 | | - | | | | | | | | 1 | | | | |
| 010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | L SUM | 1 | 1 | 4-11-11-11-11-11-11-11-11-11-11-11-11-11 | | | | | | | | | | | | | |
| 7015005 | CHANGEABLE MESSAGE SIGN | CAL DAY | 30 | 30 | | | | | | | | | | | v s + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + | | | |
| | | | | | | | | | | | | | | | | | | |
| 0012102 | CONCRETE BRIDGE DECK SCARIFICATION 3/8 INCH | SO YD | 1721 | 1721 | 7 | | | | | | | | | | | | | |
| 0012193 | BRIDGE DECK THIN POLYMER OVERLAY 3/8 INCH | SO YD | 1721 | 1721 | | | | | | | | | | | | | | |
| 016200 | DECK SLAB REPAIR (PARTIAL) | SQ YD | 2 | 2 | The second secon | | | | | | | | | - | | | | |
| 041895 | POLYMER CONCRETE | CU FT | 16.5 | 16.5 | 1449 | | | | | | | | | | | | | |
| 073510 | TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 2 | 2 | | | | | | | | | | | i i | | | |
| 0030850 | TEMPORARY INFORMATION SIGNING | SQ FT | 51.4 | 51.4 | | | | | | di Anna da Ann | | | | 47. | | | | |
| ทิ <i>00053</i> | PREFORMED JOINT SEAL 2 1/4" | FOOT | 169 | 169 | | | | | | | * Specialty | Etem | 1102 | | | | | |
| E NAME = | Utilinols.gov:PHIDOT\Documents\DOF OFFIces\District NProjects\District | SIGNED - RESIDAGO - HECKED - | | REVISED REVISED REVISED | - | | | | | ILLINOIS FRANSPORTA | rion | | 64 (MAIN ST.) OVER SUMMARY OF QUAN NO. 1 OF 1 SHEETS S | TITIES | F.A RT 30 | 7 128B- | HB KAN | RACT N |





NOTE

JOINT SEALS SHALL BE PREFORMED PRE-COMPRESSED, SILICONE COATED SELF-EXPANDING SEALANT SYSTEM

TOTAL BILL OF MATERIALS

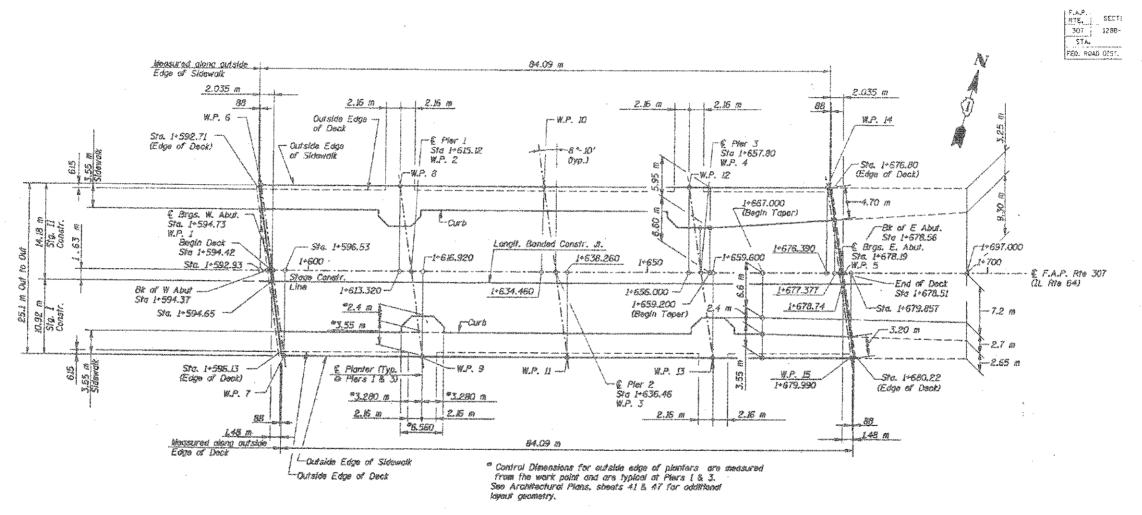
| ITEM | UNIT | QUANTITY |
|--|------|----------|
| PROTECTIVE COAT | SQYD | 665 |
| DECK SLAB REPAIR (PARTIAL) | SQYD | 2 |
| POLYMER CONCRETE | CUFT | 16.5 |
| PREFORMED JOINT SEAL 21/4" | FT | 169 |
| CONCRETE BRIDGE DECK SCARIFICATION, 3/8 INCH | SQYD | 1,721 |
| BRIDGE DECK THIN POLYMER OVERLAY, 3/8 INCH | SQYD | 1,721 |

NOTE

* PROTECTIVE COAT SHALL BE USED ONLY ON CONCRETE SIDEWALK (BRICK PAVERS TO BE OMITTED)

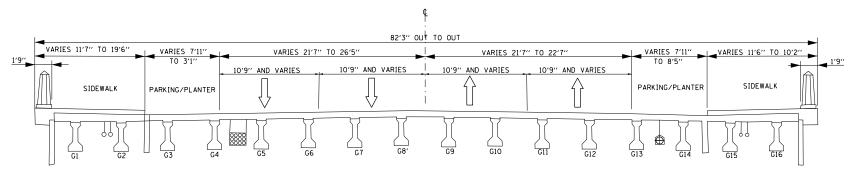
| USER NAME = midyja | DESIGNED - NH | REVISED - | | | FAP TOTAL | EAL LOUGET |
|-------------------------------|----------------|-----------|------------------------------|-------------------------------------|---------------------------|------------|
| | DRAWN - NH . | REVISED - | STATE OF ILLINOIS | IL-64 (MAIN ST.) OVER FOX RIVER | RTE. SECTION COUNTY SHEET | ETS NO. |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - JAN | REVISED - | DEPARTMENT OF TRANSPORTATION | PROPOSED PLANS | 307 128B-HB KANE 12 | 2 .4 |
| PLOT DATE = 3/15/2018 | DATE - 3/16/18 | REVISED - | Jan Autor Chi Allon | SCALE: SHEET OF SHEETS STA. TO STA. | CONTRACT NO. | 62F99 |
| | *** | | | 0. 3. 3. 10. 3. 10. 3. K. | ILLINOIS FED. AID PROJECT | |

FOR INFORMATION ONLY



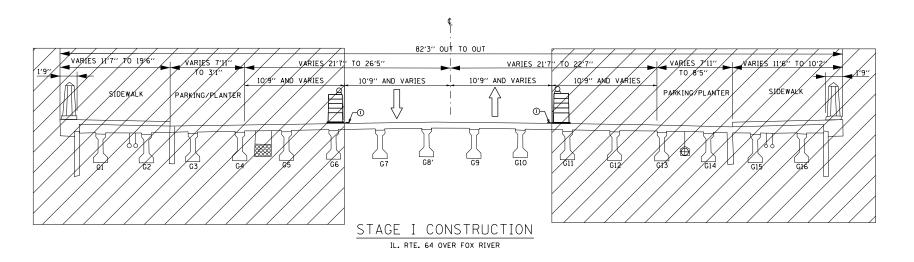
DECK LAYOUT PLAN

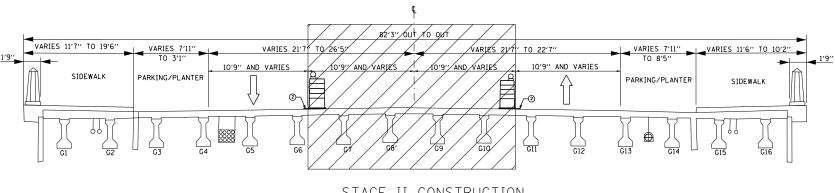
| USER NAME = hassann | DESIGNED - | REVISED - | | | 11_64 / | MAIN C | T) OVER | FOX RIVE | D | F.A.P. | SECTION | COUNTY | TOTAL SHEE |
|-------------------------------|------------|-----------|------------------------------|---|---------|--------|----------|----------|---------|--------|----------------|-------------|-------------|
| | DRAWN - | REVISED - | STATE OF ILLINOIS | [| | | - | | | RIE. | 1200 110 | KANE | SHEETS NO. |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - | REVISED - | DEPARTMENT OF TRANSPORTATION | TMENT OF TRANSPORTATION EXISTING BRIDGE DECK LAYOUT | | | | | | 307 | 1286-HB | CONTRAC | T NO. 63500 |
| PLOT DATE = 3/14/2018 | DATE - | REVISED - | 1 | SCALE: | SHEET | OF | SHEET\$ | STA. | TO STA. | | ILLINOIS FED. | AID PROJECT | 1 NO. 62F99 |
| • | | | | • | | | | | | | TICLENOIS TEE. | AID THOILLI | |



TYPICAL STRUCTURE SECTION

IL. RTE. 64 OVER FOX RIVER





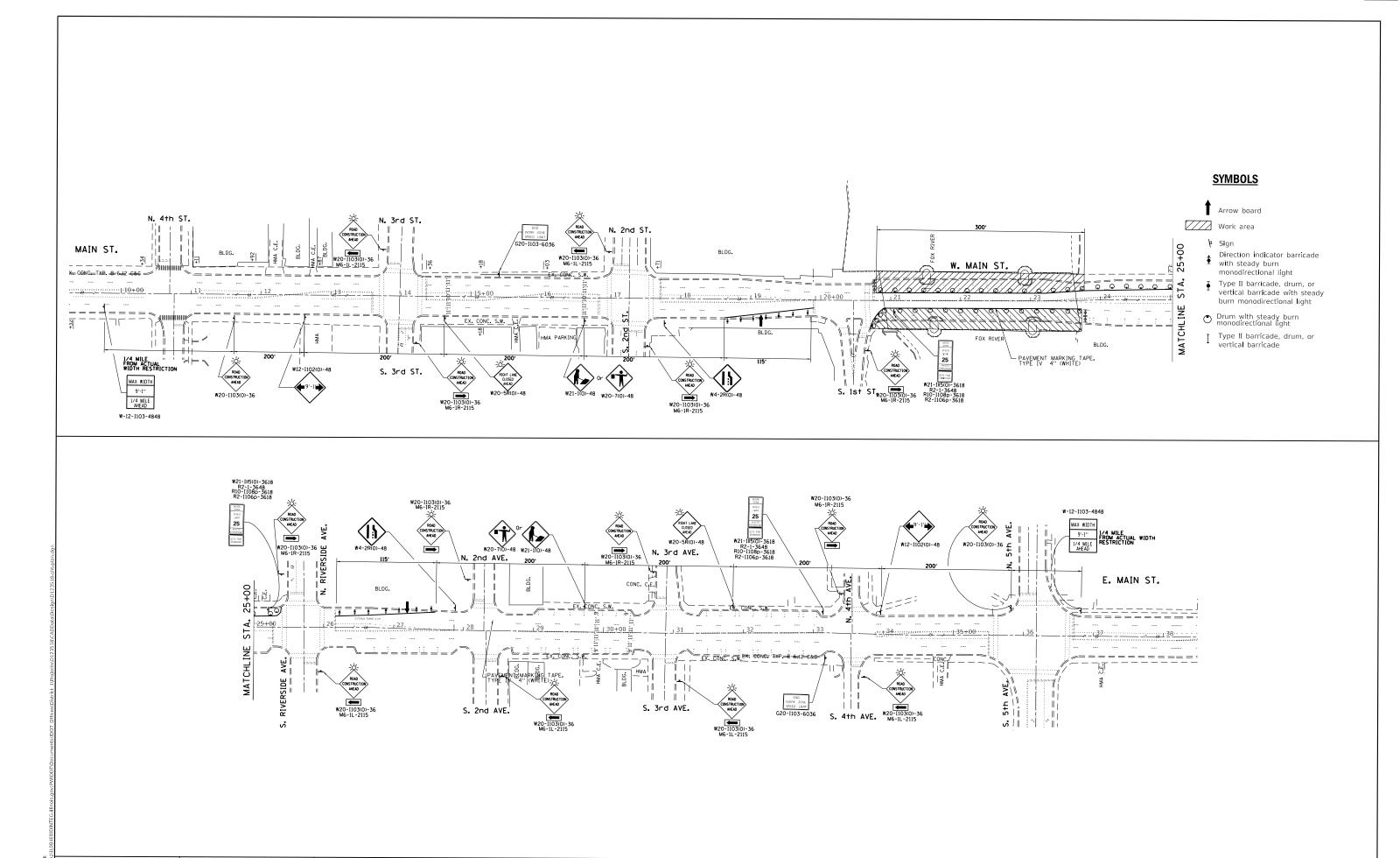
STAGE II CONSTRUCTION

IL. RTE. 64 OVER FOX RIVER

<u>LEGEND</u>

- 1 WET REFLECTIVE TEMP. TAPE TYPE IV (WHITE)
- 2 WET REFLECTIVE TEMP. TAPE TYPE IV (YELLOW)

| FILE NAME = | USER NAME = hassann | DESIGNED - | REVISED - | | MΔ | INTENAN | CE OF TRA | AFFIC TY | VPICAL CRO | SS SECTIONS | F.A.P. | SECTION | COUNTY | TOTAL | SHEET |
|---|---|--|-----------|------------------------------|----------------------------|---------|-------------|----------|------------|-------------|--------|---------------|------------|---------|-------|
| pw:\\IL084EBIDINTEG.:lll:nois.gov:PWIDOT\Do | cuments\IDOT Offices\District I\Projects\D123 | 5 13RAANIN ata\Design\D123518-sht-typical.dgr | REVISED - | STATE OF ILLINOIS | IL. RTE. 64 OVER FOX RIVER | | 307 | 128B-HB | KANE | 12 | 6 | | | | |
| | PLOT SCALE = 100.0000 '/ in. | CHECKED - | REVISED - | DEPARTMENT OF TRANSPORTATION | | | IL. NIE. 04 | UVEN | TUX NIVEN | | | | CONTRACT | T NO. 6 | 2F99 |
| Default | PLOT DATE = 2/8/2018 | DATE - | REVISED - | | SCALE: NONE | SHEET | OF | SHEETS | STA. | TO STA. | | ILLINOIS FED. | ID PROJECT | | |



 USER NAME
 = hassann
 DESIGNED REVISED

 DRAWN REVISED

 PLOT SCALE = 119.9992 ' / in.
 CHECKED REVISED

 PLOT DATE = 2/8/2018
 DATE REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=50"

IL. RTE. 64 (MAIN ST.) OVER FOX RIVER

MAINTENANCE OF TRAFFIC: STAGE I

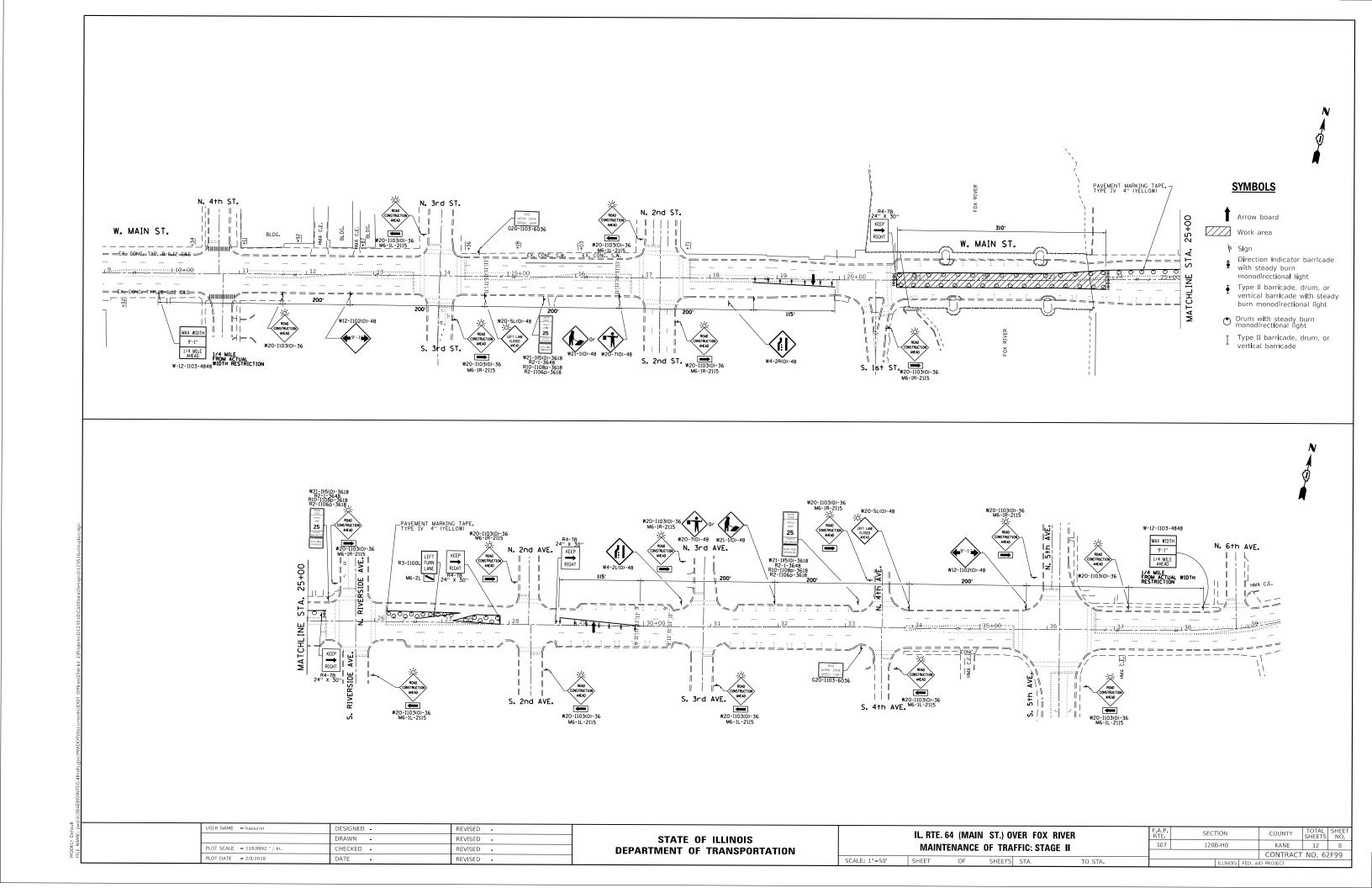
SHEET OF SHEETS STA. TO STA.

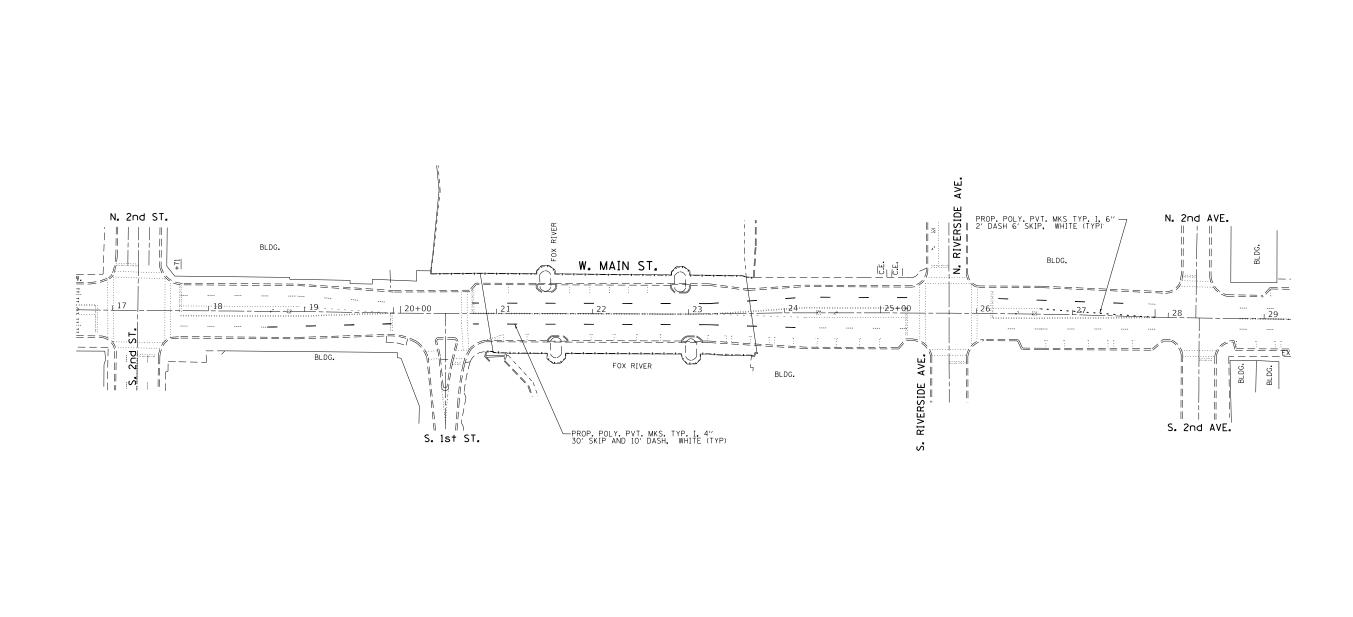
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 SECTION
 COUNTY
 TOTAL SHEETS NO.

 17
 128B-HB
 KANE
 12
 7

 CONTRACT NO. 62F99

 ILLINOIS FED. AID PROJECT

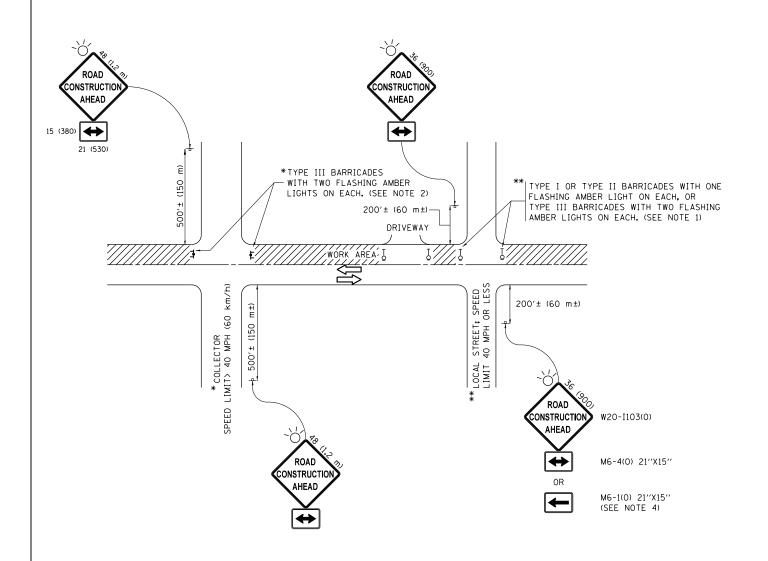




MODEL: Default

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 64 (MAIN ST.) OVER FOX RIVER
PROPOSED PAVEMENT MARKING
SHEET OF SHEETS STA TO STA



NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200" (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500" (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710)
- 4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

SCALE: NONE

- 5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER
- 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

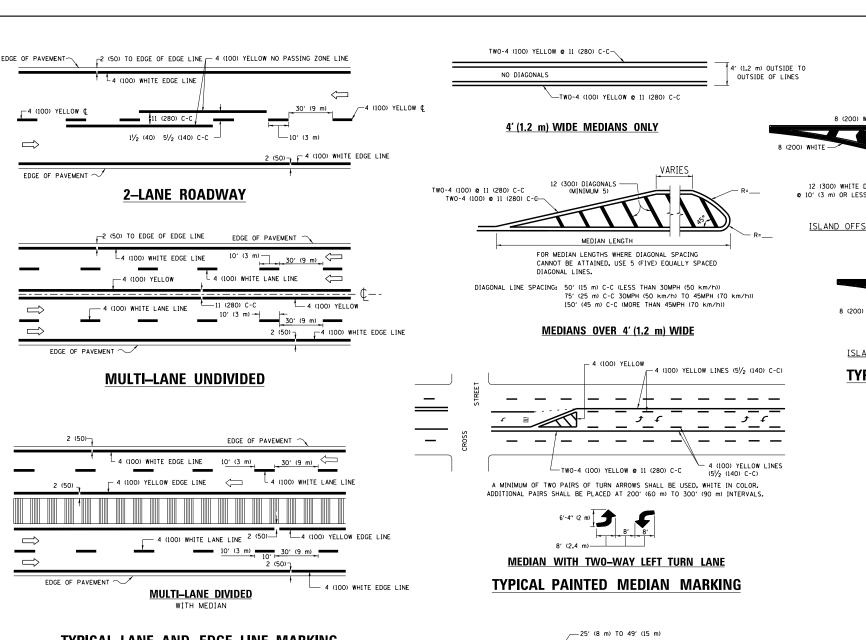
All dimensions are in inches (millimeters) unless otherwise shown.

| FILE NAME = | USER NAME = hassann | DESIGNED - L.H.A. | REVISED | - A. HOUSEH 10-15-96 |
|--|---|---|---------|------------------------|
| pw:\\ILØ84EBIDINTEG.:ll:no:s.gov:PWIDOT\Do | cuments\IDOT Offices\District 1\Projects\D123 | 51 BR0AND Nata\D e sign\DistStd.dgn | REVISED | -T. RAMMACHER 01-06-00 |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - | REVISED | - A. SCHUETZE 07-01-13 |
| Default | PLOT DATE = 2/8/2018 | DATE - 06-89 | REVISED | - A. SCHUETZE 09-15-16 |

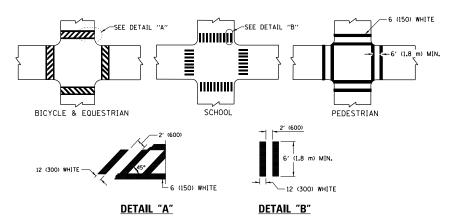
| STATI | E OF | ILLINOIS |
|------------|------|----------------|
| DEPARTMENT | 0F | TRANSPORTATION |

| | TRAFFIC | CONTROL | AND P | ROTEC | CTION FOR | F.A.P. RTE. | |
|---------|----------|-------------|---------|----------|------------|----------------|--|
| СI | DE BUVDS | INTERS | FCTIONS | . VMD | DRIVEWAYS | 307 | |
| | | , IIVI LIIO | | <u> </u> | DIIVEVVAIS | | |
| SHEET 1 | | OF 1 | SHEETS | STA. | TO STA. | | |

| F.A.P. RTE. | SECTION | | COUNTY | TOTAL SHEETS | SHEE NO. |
|----------------|------------|--------|------------|-----------------|-------------|
| 307 | 128B-HB | | KANE | 12 | 9 |
| | TC-10 | | CONTRACT | NO. 62 | F99 |
| | TI I INOTS | FFD. A | ID PROJECT | | |



TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

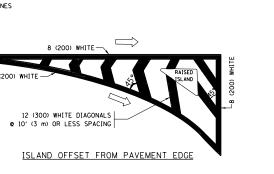
−50′ (15 m) TO 200′ (60 m) || OVER 200' (60 m) ____ 6 (150) WHITE

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SO. FT. (1.5 m2) ONLY AREA = 20.8 SO. FT. (1.9 m2)

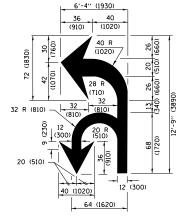
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

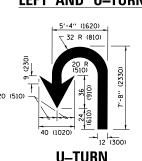
TYPICAL TURN LANE MARKING

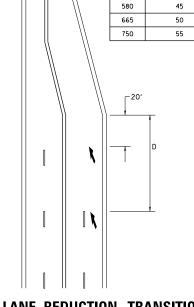






COMBINATION LEFT AND U-TURN





D(FT)

345

425

500

SPEED LIMIT

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

| TYPE OF MARKING | WIDTH OF LINE | PATTERN | COLOR | SPACING /REMARKS |
|---|---|------------------------------------|---|--|
| CENTERLINE ON 2 LANE PAVEMENT | 4 (100) | SKIP-DASH | YELLOW | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT | 2 @ 4 (100) | SOLID | YELLOW | 11 (280) C-C |
| NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS | 4 (100) 2 @ 4 (100) | SOLID SOLID | YELLOW YELLOW | 5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN |
| LANE LINES | 4 (100) 5 (125) ON FREEWAYS | SKIP-DASH SKIP-DASH | WHITE WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS) | SAME AS LINE BEING EXTENDED | SKIP-DASH | SAME AS LINE BEING EXTENDED | 2' (600) LINE WITH 6' (1.8 m) SPACE |
| EDGE LINES | 4 (100) | SOLID | YELLOW-LEFT WHITE-RIGHT | OUTLINE MEDIANS IN YELLOW |
| TURN LANE MARKINGS | 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m)) | SOLID | WHITE | SEE TYPICAL TURN LANE MARKING DETAIL |
| TWO WAY LEFT TURN MARKING | 2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW | SKIP-DASH AND SOLID IN PAIRS | YELLOW | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5'/5 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL |
| CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90° | SOLID SOLID SOLID | WHITE WHITE WHITE | NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS. |
| STOP LINES | 24 (600) | SOLID | WHITE | PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSMALK, IF PRESENT. OTHERMISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE |
| PAINTED MEDIANS | 2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1,2 m) WIDE MEDIANS | SOLID | YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. |
| GORE MARKING AND CHANNELIZING LINES | 8 (200) WITH 12 (300) DIAGONALS @ 45° | SOLID | WHITE | DIACONALS: 15' (4,5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h)) |
| RAILROAD CROSSING | 24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X" | SOLID | WHITE | SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SO. FT. (0.33 m²) EACH "X"=54,0 SO. FT. (5.0 m²) |
| SHOULDER DIAGONALS (REOUIRED FOR SHOULDERS ≥ 8') | 12 (300) © 45° | SOLID | WHITE - RIGHT YELLOW - LEFT | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h 150' (45 m) C-C (0VER 45MPH (70 km/h)) |
| U TURN ARROW | SEE DETAIL | SOLID | WHITE | 16.3 SF |
| 2 ARROW COMBINATION LEFT AND U TURN | SEE DETAIL | SOLID | WHITE | 30.4 SF |

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = DESIGNED - EVERS USER NAME = hassann REVISED - C. JUCIUS 09-09-09 ow:\\ILØ84EBIDINTEG.:111:no: ments\IDOT Offices\District 1\Projects\D123518RQANDNata\Design\DistStd.dor REVISED -C. JUCIUS 07-01-13 CHECKED REVISED C. JUCIUS 12-21-15 PLOT DATE = 2/8/2018 DATE 03-19-90 REVISED -C. JUCIUS 04-12-16

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

| DISTRICT ONE | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--|----------------|------------------|-----------|-----------------|--------------|
| TYPICAL PAVEMENT MARKINGS | 307 | 128B-HB | KANE | 12 | 10 |
| | | TC-13 | CONTRACT | NO. 62 | 2F99 |
| SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. | | ILLINOIS FED. AI | D PROJECT | | |

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

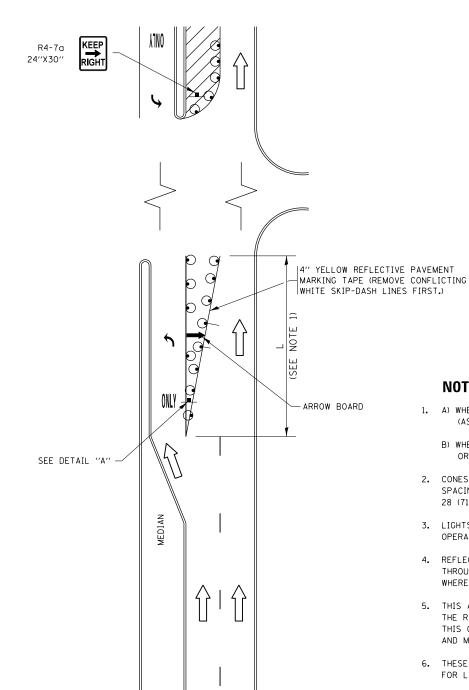


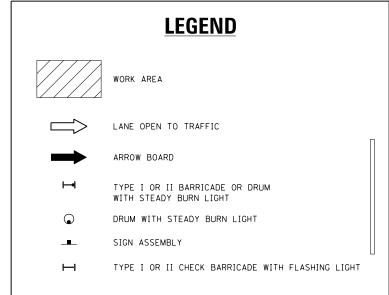
FIGURE 1

WITHIN A LANE CLOSURE

CONFLICTING |

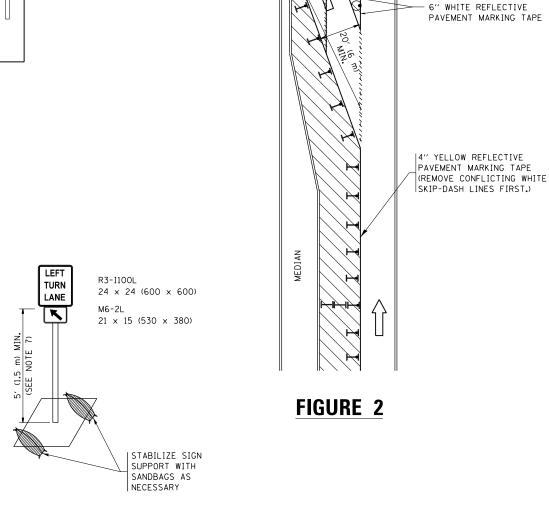
PAVEMENT MARKING REMOVAL (TYP.)

TURN BAY ENTRANCE



NOTES:

- 1. A) WHEN "L" IS < THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
 - B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- 2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- 3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- 4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
- 5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 \times 15 (530 \times 380) SHALL BE USED.
- 6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- 7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
- 8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

All dimensions are in inches (millimeters) unless otherwise shown.

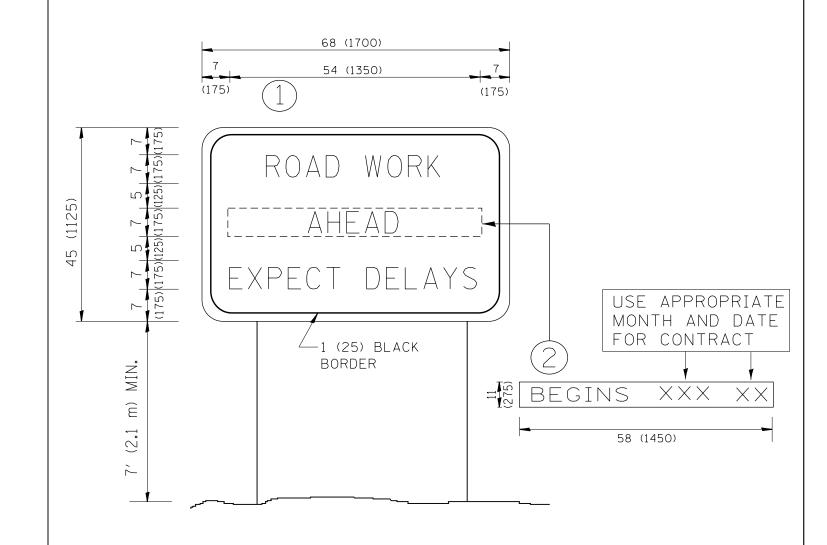
SEE DETAIL "A"

| FILE NAME = | USER NAME | = hassann | KENIZED | -1. | RAMMACHER | 09-08-94 | KENIZED | - | K. BUKU U9-14-U9 | |
|--|--------------|----------------------------------|--------------|-------|-------------------------|----------|---------|------|---------------------|---|
| pw:\\IL084EBIDINTEG.:ll:nois.gov:PWIDOT\Do | cuments/IDOT | Offices\District 1\Projects\D123 | 518EV4SΣ0.0` | Desig | gn V 0 usHOHSÆGH | 11-07-95 | REVISED | - A. | SCHUETZE 07-01-13 | 1 |
| | PLOT SCALE | = 100.0000 ' / 10. | REVISED | - | A. HOUSEH | 10-12-96 | REVISED | - A. | . SCHUETZE 09-15-16 | 1 |
| Default | PLOT DATE | = 2/8/2018 | REVISED | - T. | RAMMACHER | 01-06-00 | REVISED | - | | |

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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

| TRAFFIC CONTROL AND PROTECTION AT TURN BAYS | | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEET NO. | | | | |
|---|-----------------------------|------------|----------|------|----------------|---------------------------|--------------------|-----------------|----|--|--|--|
| ı | (TO REMAIN OPEN TO TRAFFIC) | | | | 307 | 128B-HB | KANE | 12 | 11 | | | |
| ı | | | | | | | TC-14 CONTRACT NO. | | | | | |
| | SCALE: NONE | SHEET 1 OF | 1 SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | | | | | |



NOTES:

- 1. USE BLACK LETTERING ON ORANGE BACKGROUND.
- 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- 4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
- 5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
- 7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

| Γ | ILE NAME = | USER NAME = hassann | DESIGNED - | REVISED - R. MIRS 09-15-97 | | | ARTERIAL RO | An | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----|------------|------------------------------|----------------------------|--------------------------------|------------------------------|-------------|-------------------------|--------------|----------------|-------------------------------|------------|-----------------|--------------|
| - [| | | REVISED - R. MIRS 12-11-97 | STATE OF ILLINOIS | INFORMATION SIGN | | | 307 | 128B-HB | KANE | 12 | 12 | |
| | | PLOT SCALE = 100.0000 '/ in. | CHECKED - | REVISED -T. RAMMACHER 02-02-99 | DEPARTMENT OF TRANSPORTATION | | | | | TC-22 | CONTRACT | NO. 62 | :F99 |
| - 1 | | PLOT DATE = 2/8/2018 | DATE - | REVISED - C. JUCIUS 01-31-07 | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. TO STA. | FED. ROA | D DIST. NO. 1 ILLINOIS FED. A | ID PROJECT | | |