

STATE OF ILLINOIS
KANE COUNTY DIVISION OF TRANSPORTATION

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------|----------------|----------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 56 | 1 |
| | | ILLINOIS | CONTRACT NO. | |

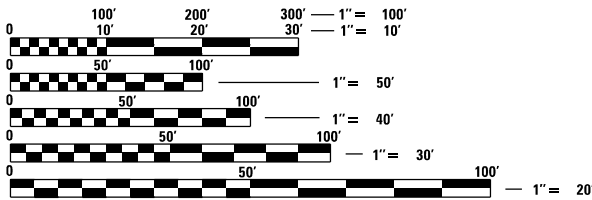
FABYAN PARKWAY
(C.H. 8) OVER FOX RIVER

BRIDGE REPAIRS AND RESURFACING
SECTION 17-00479-00-BR

INDEX OF SHEETS

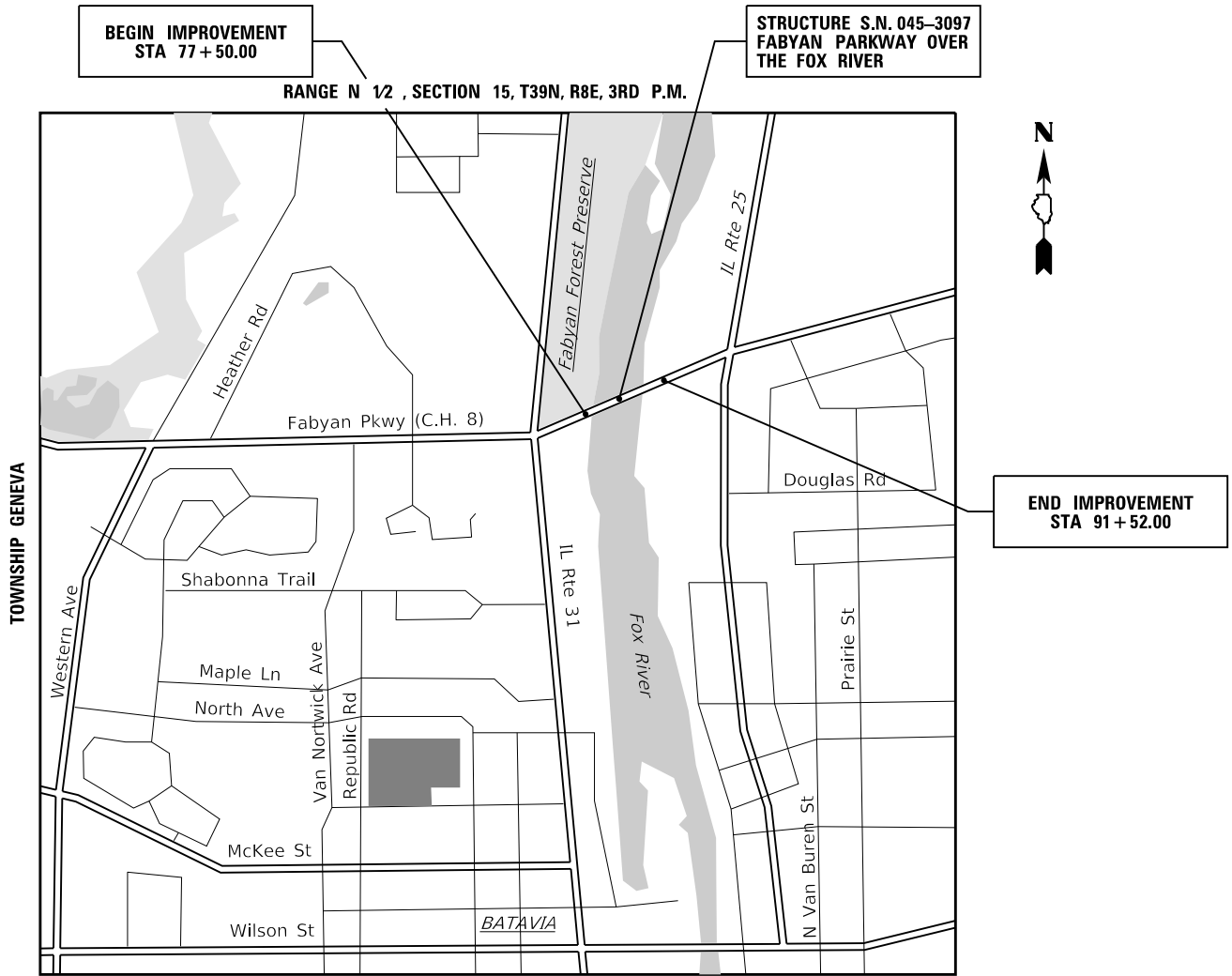
| SHEET NO. | DESCRIPTION |
|-----------|---------------------------------|
| 1 | COVER SHEET |
| 2 | GENERAL NOTES AND STANDARDS |
| 3 - 4 | SUMMARY OF QUANTITIES |
| 5 - 6 | TYPICAL SECTIONS |
| 7 - 8 | ALIGNMENT , TIES AND BENCHMARKS |
| 9 - 11 | ROADWAY PLAN SHEET |
| 12 - 21 | MAINTENANCE OF TRAFFIC |
| 22 - 23 | EROSION CONTROL PLAN |
| 24 - 25 | PAVEMENT MARKING |
| 26 | LANDSCAPING PLAN |
| 27 - 47 | STRUCTURE PLANS |
| 48 - 51 | ROADWAY DETAILS |
| 52 - 57 | STANDARD DETAILS |

NOT ISSUED FOR CONSTRUCTION
90% SUBMITTAL
OCTOBER 31, 2018



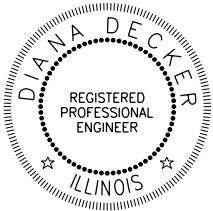
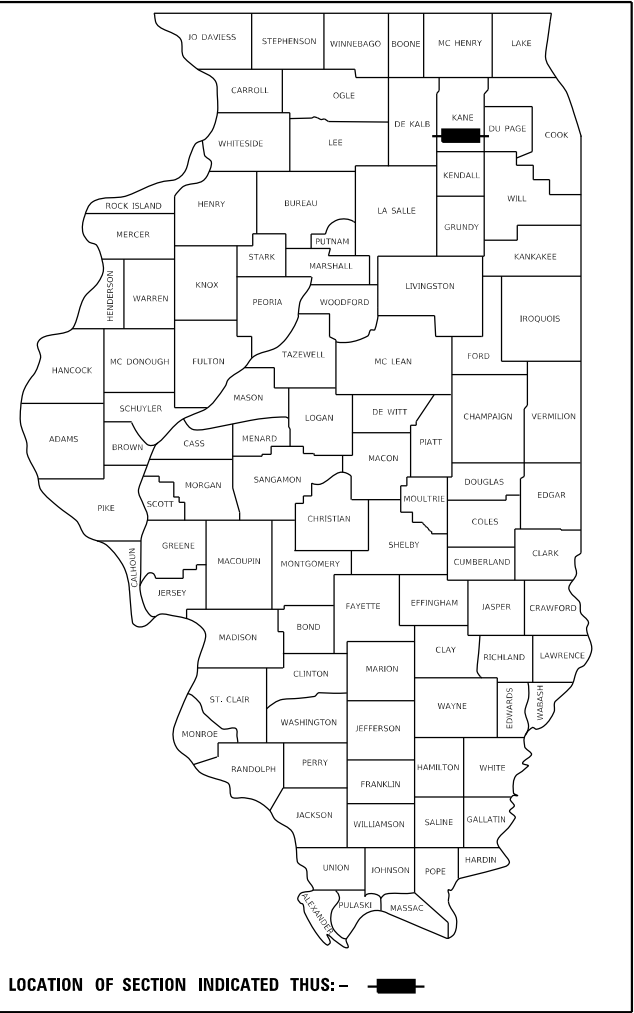
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

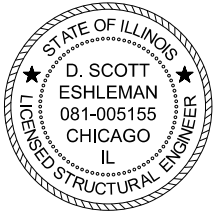


PROJECT LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 4,750 FT. = 0.90 MILE
NET LENGTH = 1,402 FT. = 0.27 MILE



DATE: 6-30-2018
DIANA DECKER, P.E. NO. 062-056649,
EXP. DATE 11/30/2019
APPLIES TO DWG NUMBERS:



DATE: 6-30-2018
SCOTT ESHLEMAN, P.E. NO. 081-005155,
EXP. DATE 11/30/2018
APPLIES TO DWG NUMBERS:

STATE OF ILLINOIS
KANE COUNTY DIVISION OF TRANSPORTATION

APPROVED _____ 20 _____

COUNTY ENGINEER

FABYAN PARKWAY GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 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 KANE COUNTY DIVISION OF TRANSPORTATION.

THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR "GUARDRAIL REMOVAL."

THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

| | | |
|-----------------|------|------------------|
| HMA RESURFACING | 112 | LBS / SQ YD / IN |
| PRIME COAT | 0.05 | LBS/ SQ FT |

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

THE CONTRACTOR SHALL VERIFY THE EXISTING TYPE/HEIGHT OF EXISTING GUARDRAIL BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL." THE TERMINAL SECTION SHALL MATCH THE HEIGHT OF THE EXISTING GUARDRAIL.

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).

ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE APPLICABLE REQUIREMENTS SET FORTH IN "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016 THEREINAFTER REFERRED TO AS STANDARD SPECIFICATIONS, THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM MANUAL TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" IN EFFECT ON THE DATE OF INVITATION FOR BIDS; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" LATEST EDITION; INTERIM SPECIAL PROVISIONS AS INCLUDED IN THE CONTRACT DOCUMENTS; AND THE DETAILS AND STANDARDS CONTAINED IN THESE PLANS.

THE LOCATIONS OF THE EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES, IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH, AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED AT NO ADDITIONAL COST IN ACCORDANCE WITH ARTICLE 105.07.

TRAFFIC CONTROL DEVICES: ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC AS DETAILED ON THE PLANS SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT OR AS DIRECTED BY THE ENGINEER. CLEANING AND MAINTENANCE OF TRAFFIC CONTROL DEVICES, INCLUDING SIGNS, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE INCLUDED WITH THE APPLICABLE TRAFFIC CONTROL PAY ITEM.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS AND THE PLANS.

ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

LIST OF IDOT HIGHWAY STANDARDS

| | |
|-----------|------------------------------------------------------------------------------|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 606301-04 | PC CONCRETE ISLANDS AND MEDIANS |
| 630001-12 | STEEL PLATE BEAM GUARDRAIL |
| 631031-15 | TRAFFIC BARRIER TERMINAL, TYPE 6 |
| 701426-09 | LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥45 MPH |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701901-07 | TRAFFIC CONTROL DEVICES |
| 720021-02 | SIGN PANELS, EXTRUDED ALUMINUM TYPE |
| 725001-01 | OBJECT AND TERMINAL MARKERS |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 782006 | GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS |

LIST OF IDOT DISTRICT 1 DETAILS

| | |
|-------|-----------------------------------------------------------------------------|
| TC-10 | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS |
| TC-13 | DISTRICT ONE TYPICAL PAVEMENT MARKINGS |
| TC-14 | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) |
| TC-22 | ARTERIAL ROAD INFORMATION SIGN |
| TC-26 | DRIVEWAY ENTRANCE SIGNING |

LIST OF KDOT DETAIL

| | |
|---------|-------------|
| KDOT 03 | MEDIAN SIGN |
|---------|-------------|

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| | | DRAWN - ED | REVISED - | | | | | 8 | 17-00479-00-BR | KANE | 57 | 2 |
| | PLOT SCALE = 2,0000 ' / in. | CHECKED - DLD | REVISED - | | | | | CONTRACT NO. | | | | |
| | PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - | | | | | ILLINOIS FED. AID PROJECT | | | | |
| | | | | | SCALE: NONE | SHEET 1 | OF 1 SHEETS | STA. | TO STA. | | | |

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| | DRAWN - ED | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - DLD | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY
DIVISION OF TRANSPORTATION

FABYAN PARKWAY
SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 8 | 17-00479-00-BR | KANE | 57 | 3 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| | DRAWN - ED | REVISED - |
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| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY
DIVISION OF TRANSPORTATION

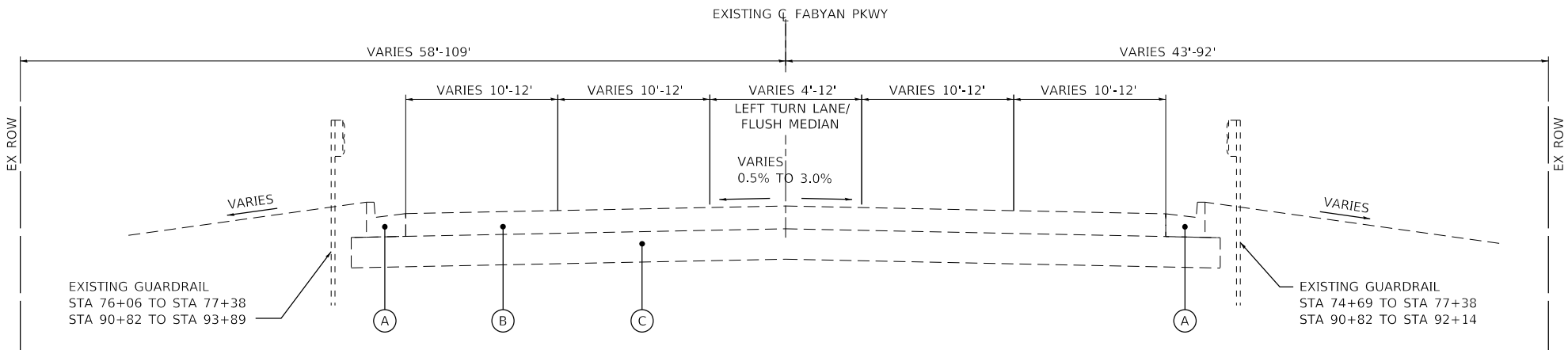
FABYAN PARKWAY
SUMMARY OF QUANTITIES

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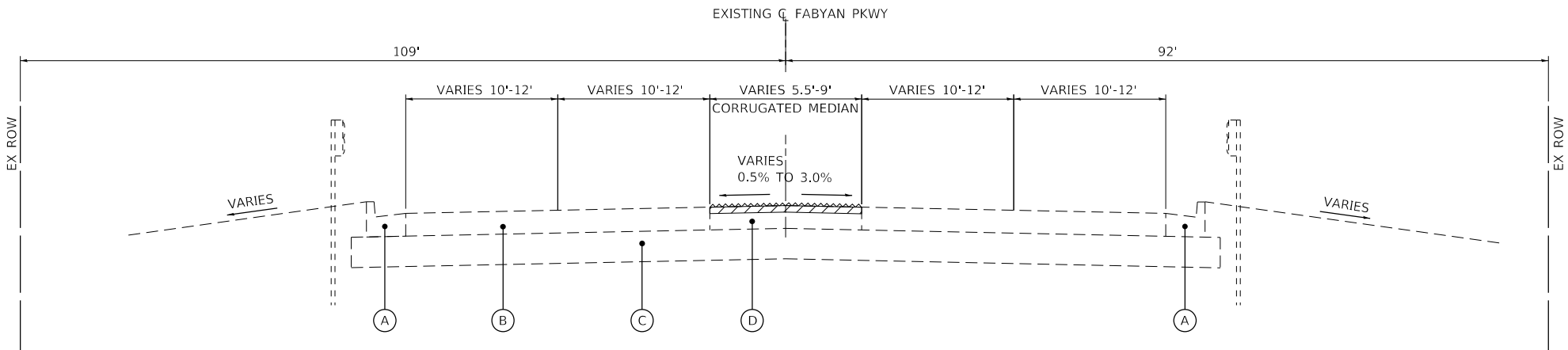
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| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 8 | 17-00479-00-BR | KANE | 57 | 4 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|----------|----------------------------------------------------------|--------|----------------|
| 72501000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 2 |
| | | | |
| 72800100 | TELESCOPING STEEL SIGN SUPPORT | FOOT | 22 |
| | | | |
| 78009000 | MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 176.8 |
| | | | |
| 78009004 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" | FOOT | 12162 |
| | | | |
| 78009006 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6" | FOOT | 917 |
| | | | |
| 78009012 | MODIFIED URETHANE PAVEMENT MARKING - LINE 12" | FOOT | 130 |
| | | | |
| 78009024 | MODIFIED URETHANE PAVEMENT MARKING - LINE 24" | FOOT | 77 |
| | | | |
| 78200005 | GUARDRAIL REFLECTORS, TYPE A | EACH | 12 |
| | | | |
| JT525068 | MODULAR EXPANSION JOINT STRIP SEAL REPLACEMENT, 6 IN | FOOT | 176 |
| | | | |
| X0327980 | PAVEMENT MARKING REMOVAL - WATER BLASTING | SQ FT | 2568 |
| | | | |
| X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | EACH | 1 |
| | | | |
| X7010238 | CHANGEABLE MESSAGE SIGN, SPECIAL | CAL MO | 12 |
| | | | |
| X7030005 | TEMPORARY PAVEMENT MARKING REMOVAL | SQ FT | 4877 |
| | | | |
| Z0001906 | STRUCTURAL STEEL REPAIR | L SUM | 1 |
| | | | |
| Z0006018 | BRIDGE DECK LATEX CONCRETE OVERLAY, 3 INCHES | SQ YD | 8075 |

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|----------|----------------------------------------------------------------------|-------|----------------|
| Z0010501 | CLEANING AND PAINTING STEEL BRIDGE NO. 1 | L SUM | 1 |
| | | | |
| Z0012148 | BRIDGE DECK SCARIFICATION 3" | SQ YD | 8075 |
| | | | |
| Z0012754 | STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES) | SQ YD | 156 |
| | | | |
| Z0016002 | DECK SLAB REPAIR (FULL DEPTH, TYPE II) | SQ YD | 81 |
| | | | |
| Z0016200 | DECK SLAB REPAIR (PARTIAL) | SQ YD | 954 |
| | | | |
| Z0018005 | DRAINAGE SCUPPERS, DS-12M10 | EACH | 20 |
| | | | |
| Z0018905 | DRILL AND GROUT BARS | EACH | 140 |
| | | | |
| Z0024475 | TUBULAR MARKER | EACH | 2 |
| | | | |
| Z0030850 | TEMPORARY INFORMATION SIGNING | SQ FT | 51.4 |
| | | | |
| 0 | CLEANING AND PAINTING LIGHT POLES | L SUM | 1 |
| | | | |
| 0 | BASE WRAP, 24 INCH | EACH | 12 |
| | | | |
| 0 | PEDESTRIAN CANOPY | L SUM | 1 |
| | | | |
| 0 | | | 0 |
| | | | |
| 0 | | | 0 |
| | | | |
| 0 | | | 0 |



FABYAN PARKWAY EXISTING TYPICAL SECTION
STA 73+75 TO STA 77+53.66
STA 91+52 TO STA 94+00



FABYAN PARKWAY EXISTING TYPICAL SECTION
STA 90+66.17 TO STA 91+52

- EXISTING LEGEND:
- (A) COMBINATION CURB AND GUTTER, B-6.12
 - (B) HMA PAVEMENT, 8"
 - (C) SUB-BASE GRANULAR MATERIAL, 12"
 - (D) CORRUGATED MEDIAN
 - /// MEDIAN REMOVAL PARTIAL DEPTH, 2-3/4"

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Stanley Consultants INC.
100 West Higgins Road, Suite 100, Chicago, Illinois 60690-2900
Phone: 773.779.7000
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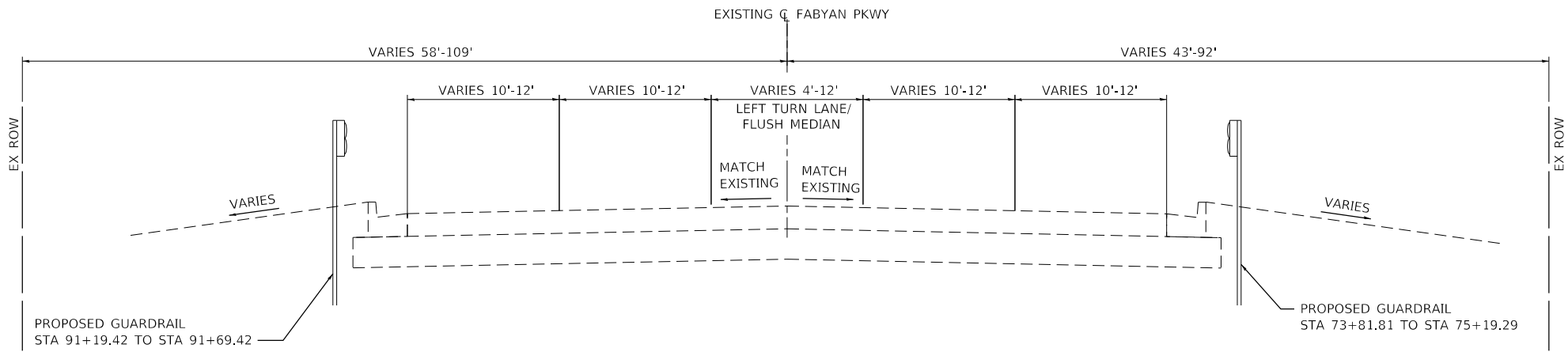
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KANE COUNTY
DIVISION OF TRANSPORTATION

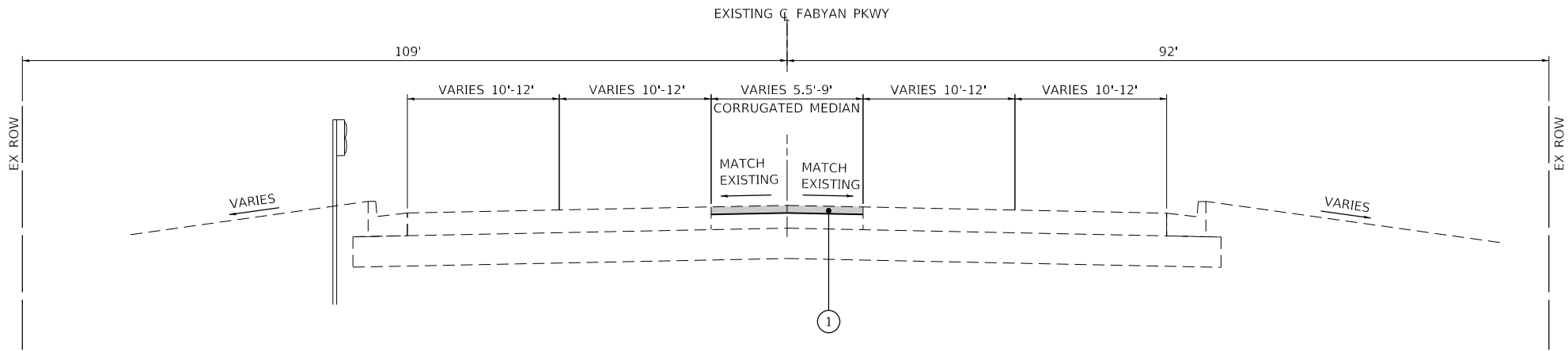
FABYAN PARKWAY
EXISTING TYPICAL SECTIONS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 8 | 17-00479-00-BR | KANE | 57 | 5 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



FABYAN PARKWAY PROPOSED TYPICAL SECTION
STA 73+75 TO STA 77+53.66
STA 91+52 TO STA 94+00



FABYAN PARKWAY PROPOSED TYPICAL SECTION
STA 90+66.17 TO STA 91+52

PROPOSED LEGEND:

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"

| HOT-MIX ASPHALT MIXTURE REQUIREMENTS | |
|--------------------------------------|-----------------|
| MIXTURE TYPE | AIR Voids @Ndes |
| PAVEMENT RESURFACING | |
| POLY HMA SURF IL-9.5 mm MIX "E", N70 | 4% @ 70 Gyr. |

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/ IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

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100 West Higgins Road, Suite 150, Chicago, Illinois 60690-2800
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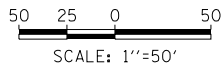
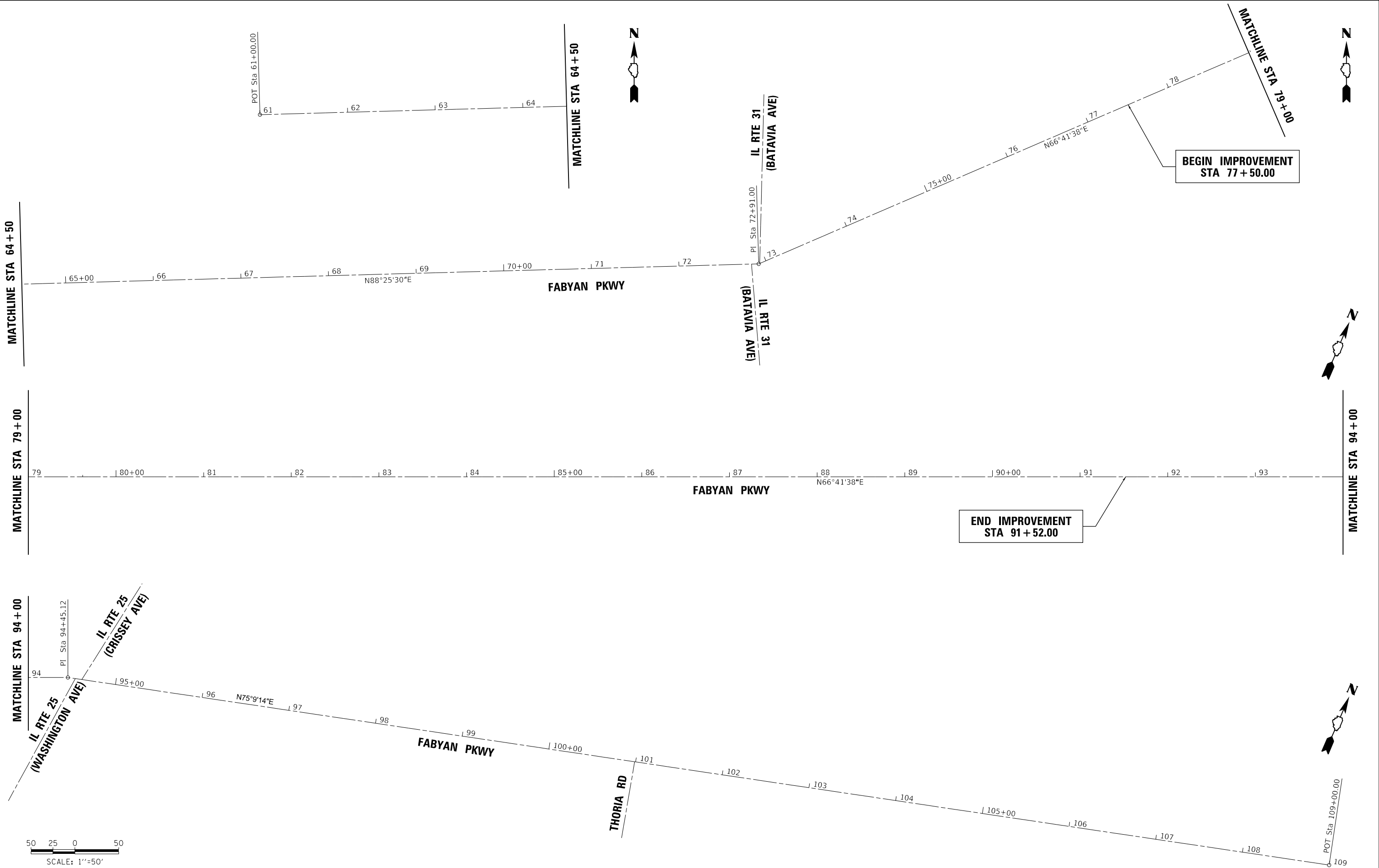
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KANE COUNTY
DIVISION OF TRANSPORTATION

| FABYAN PARKWAY PROPOSED TYPICAL SECTIONS | | | |
|---------------------------------------------|---------|-------------|--------------|
| SCALE: NONE | SHEET 2 | OF 2 SHEETS | STA. TO STA. |

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| 8 | 17-00479-00-BR | KANE | 57 | 6 |
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| | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------|-----------|-------------------------------------------|--------------------------------------------------|--|--|---------------------------|----------------|--------|--------------|-----------|
|  <div>Stanley Consultants INC. 800 West Higgins Road, Suite 175, Chicago, Illinois 60690-2900 Phone: 773.777.8888 Fax: 773.777.8889 www.stanleyconsultants.com</div> | USER NAME = 3690 | DESIGNED - SP | REVISED - | KANE COUNTY DIVISION OF TRANSPORTATION | FABYAN PARKWAY ALIGNMENT, TIES AND BENCHMARKS | | | C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 100.0000 ' / in. | DRAWN - ED | REVISED - | | | | | 8 | 17-00479-00-BR | KANE | 57 | 7 |
| | PLOT DATE = 10/31/2018 | CHECKED - DLD | REVISED - | | SCALE: 1"=50' | | | CONTRACT NO. | | | | |
| | | DATE - 10-31-2018 | REVISED - | | SHEET 1 OF 2 SHEETS | | | ILLINOIS FED. AID PROJECT | | | | |

| ALIGNMENT COORDINATES - CH8 | | | |
|-----------------------------|----------|--------------|-------------|
| CH8 | STATION | NORTHING | EASTING |
| POT | 61+00 | 1893072.6398 | 988386.5611 |
| PI | 72+91.00 | 1893105.3773 | 989577.1164 |
| PI | 94+45.12 | 1893957.6400 | 991555.4658 |
| POT | 109+00 | 1894330.4161 | 992961.7798 |

BENCHMARKS:

- CP #1

CUT CROSS ON NORTH CURB OF FABYAN PKWY
AT EAST END OF PROJECT LIMITS

N 1894241.287
E 992499.068
EL 724.878
- CP #2

CUT CROSS ON CURB AT SWC OF THORIA RD
AND FABYAN PKWY

N 1894081.237
E 992167.584
EL 721.392
- BM "A"

NORTH BOLT ON FH EAST SIDE OF THORIA RD

N 1893996.16
E 992236.05
EL 720.942
- CP #3

SET IRON ROD WITH CAP @ SEC OF ROUTE 25
AND FABYAN PKWY

N 1893925.015
E 991620.932
EL 711.650
- CP #4

SET MAG NAIL IN ASPHALT PATH @ NWC
OF ROUTE 25 AND FABYAN PKWY

N 1893986.503
E 991448.765
EL 704.283
- BM "B"

CUT CROSS ON SEC OF CONC SLAB/FOUNDATION
ON NEC OF FABYAN BRIDGE OVER FOX RIVER

N 1893863.58
E 991253.22
EL 708.139
- BM "C"

CUT CROSS ON SOUTH FACE OF MAST ARM
FOUNDATION ON NWC OF FOX RIVER AND
FABYAN PKWY

N 1893309.30
E 989964.65
EL 694.524
- CP #5

CUT CROSS ON CONCRETE SLAB @ NWC
OF FOX RIVER AND FABYAN PKWY

N 1893287.019
E 989906.852
EL 694.386
- CP #6

SET MAG NAIL IN ASPHALT PATH @ SWC
OF ROUTE 31 AND FABYAN PKWY

N 1893065.256
E 989495.314
EL 703.680
- CP #7

SET IRON ROD W/CAP IN PARKWAY ON SOUTH
SIDE OF FABYAN PKWY

N 1893049.917
E 988741.965
EL 716.657
- BM "D"

SET BENCH TIE IN POWER POLE ON SOUTH SIDE
OF FABYAN PKWY AT WEST END OF PROJECT

N 1893030.56
E 988588.29
EL 718.785
- BM "E"

DISK IN HEADWALL. NGS BM MF0014

N 1890774.24
E 989781.58
EL 718.69

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Stanley Consultants INC.

800 West Higgins Road, Suite 700, Chicago, Illinois 60690-2900

Phone: 773.698.6000 Fax: 773.698.6001

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| PLOT SCALE = 100.0000 ' / in. | CHECKED - DLD | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

| KANE COUNTY DIVISION OF TRANSPORTATION | | FABYAN PARKWAY ALIGNMENT, TIES AND BENCHMARKS | | C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------------------------|--|--------------------------------------------------|------|--------------|----------------|---------|---------------------------|--------------|
| | | | | 8 | 17-00479-00-BR | KANE | 57 | 8 |
| | | | | CONTRACT NO. | | | | |
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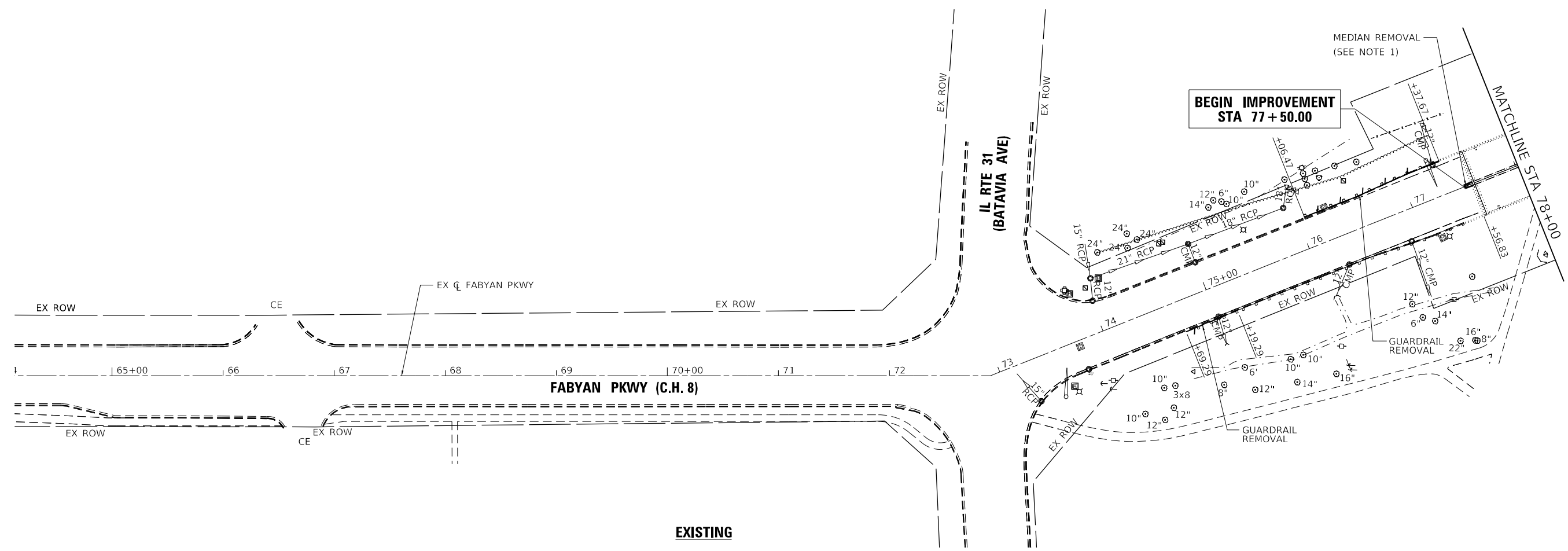
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KANE COUNTY
DIVISION OF TRANSPORTATION

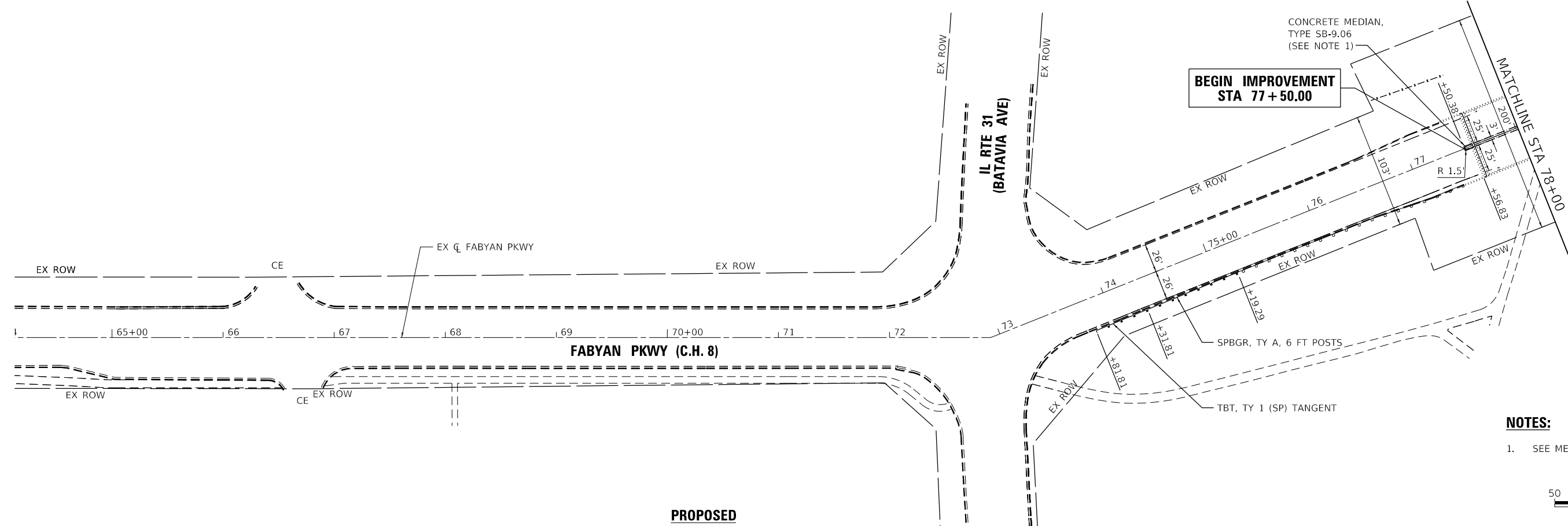
FABYAN PARKWAY
ROADWAY PLAN

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 65+00 TO STA. 78+00

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 9 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



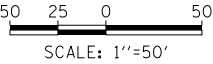
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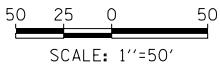
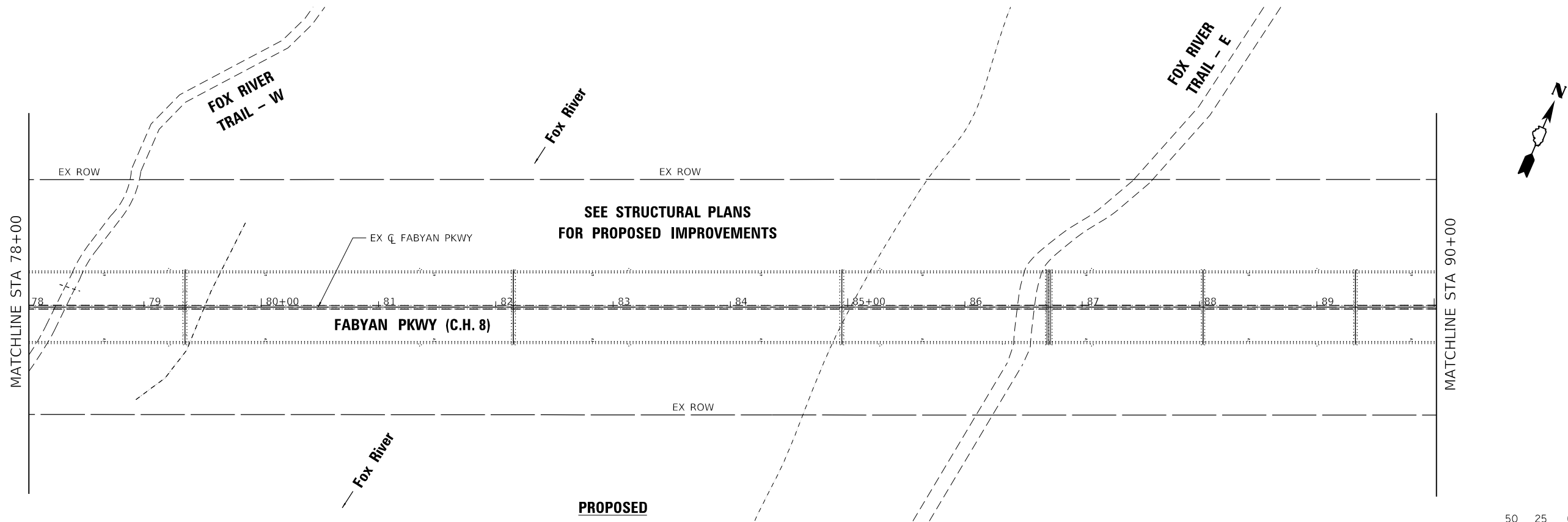
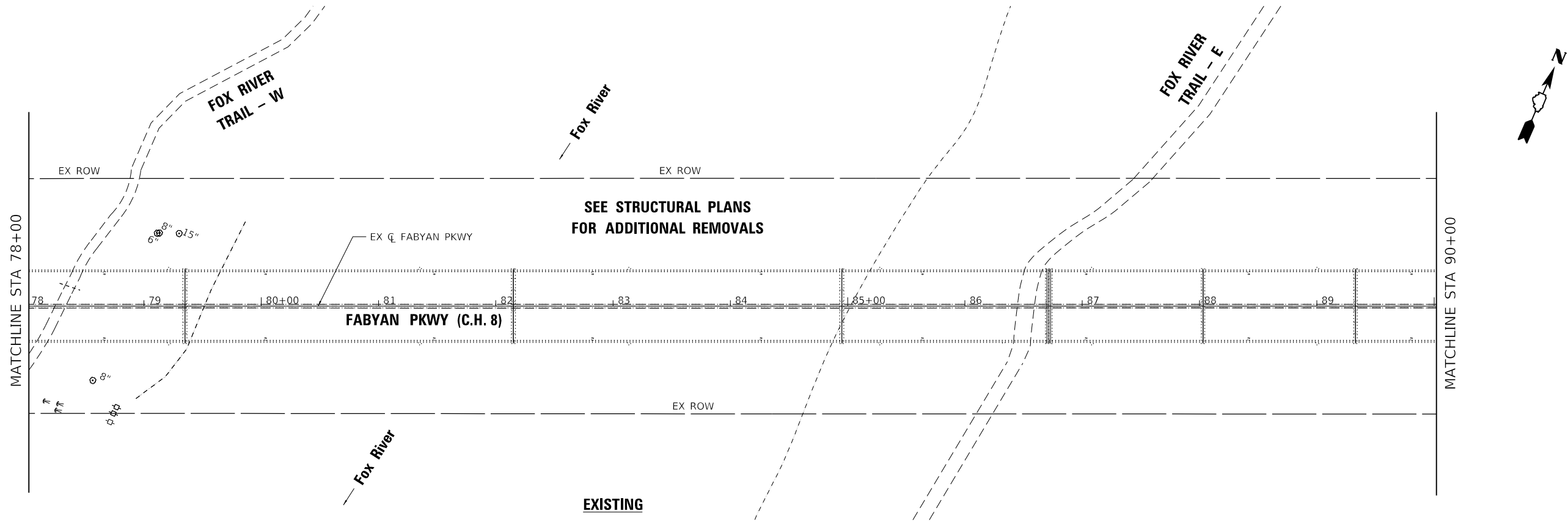


PROPOSED

NOTES:

- SEE MEDIAN DETAIL SHEET.





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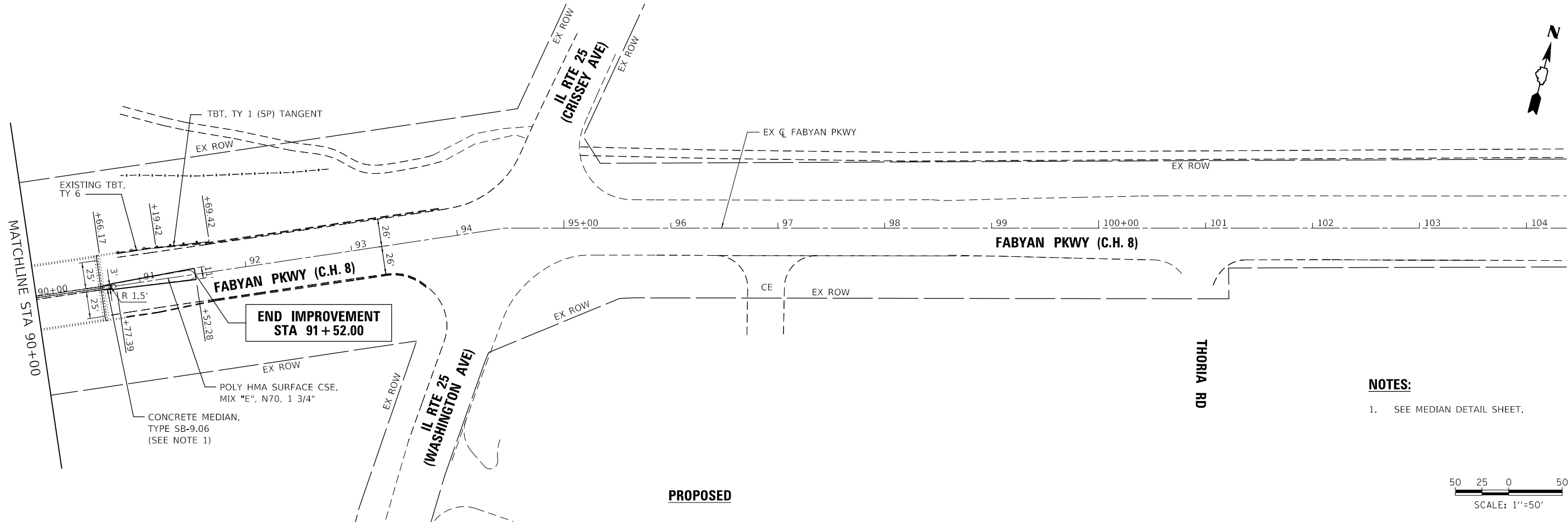
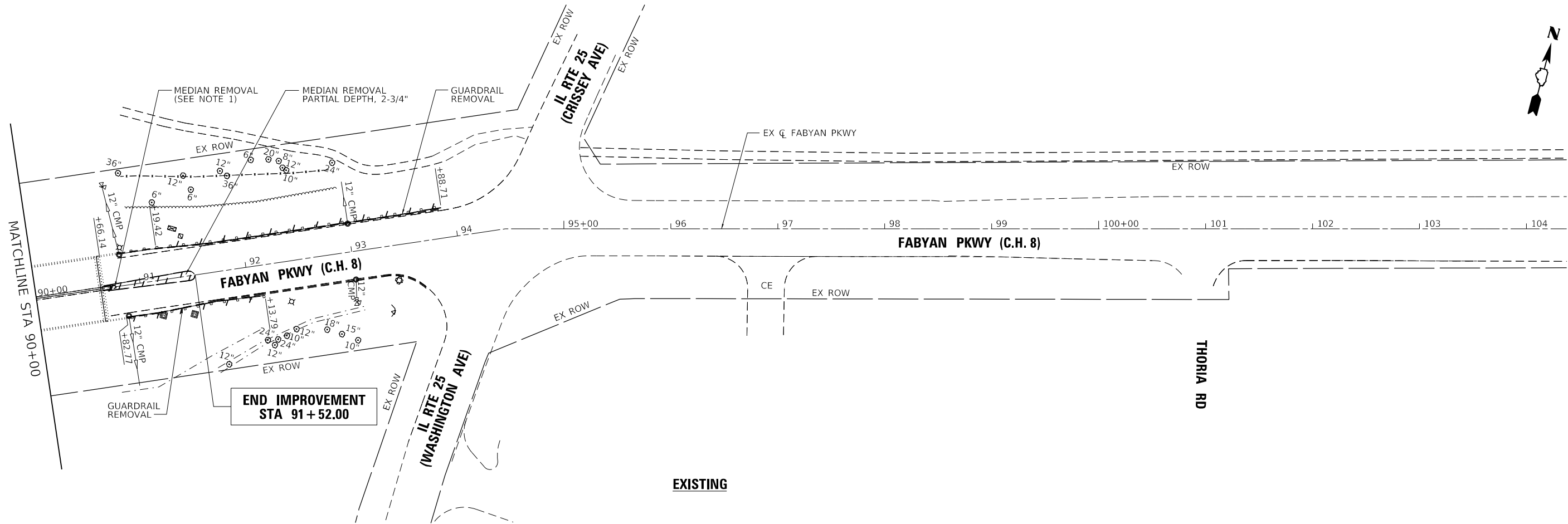
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**KANE COUNTY
DIVISION OF TRANSPORTATION**

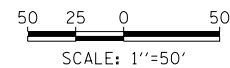
**FABYAN PARKWAY
ROADWAY PLAN**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 78+00 TO STA. 90+00

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 10 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



- NOTES:**
- SEE MEDIAN DETAIL SHEET.



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100 West Madison Avenue, Suite 1500, Chicago, Illinois 60601-3000
Phone: 312.542.2000
Fax: 312.542.2001
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|-------------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - SP | REVISED - |
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| PLOT SCALE = 100.0000 ' / in. | CHECKED - DLD | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

**KANE COUNTY
DIVISION OF TRANSPORTATION**

**FABYAN PARKWAY
ROADWAY PLAN**

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 90+00 TO STA. 91+52

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 11 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

1. THE MAINTENANCE OF TRAFFIC PLANS SHALL SERVE AS A GUIDE FOR SAFE TRAFFIC DIVERSION DURING CONTRACT EXECUTION. THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS WITH THE APPROVAL OF THE ENGINEER, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL A MINIMUM OF 48 HOURS PRIOR TO THE SCHEDULED IMPLEMENTATION OF CHANGES.
2. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701901.
3. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED.
4. THE RESIDENT ENGINEER SHALL CONTACT THE COUNTY A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
5. TRAFFIC CONTROL AT ALL SIDE ROADS, DRIVEWAYS AND ENTRANCES SHALL BE PER DISTRICT ONE DETAIL TC-10.
6. DRIVEWAY ENTRANCE SIGNS SHALL BE INSTALLED AT ALL COMMERCIAL ENTRANCES AS PER DISTRICT ONE DETAIL TC-26.
7. ALL EXISTING SPEED LIMIT SIGNS SHALL BE REMOVED OR COVERED PRIOR TO STAGE 1.
8. ALL TYPE ONE AND TYPE TWO BARRICADES WILL REQUIRE BALLAST (MINIMUM 2 SANDBAGS PER BARRICADE) TO HOLD THEM IN PLACE "SANDBAGS WILL BE PLACED ON BARRICADE LEGS, OVER STRIPED BOTTOM RAILS NOT FACING TRAFFIC, OVER UNSTRIPED BOTTOM RAILS, OR SUSPENDED FROM THE BARRICADE RAIL OR FRAME IN SUCH A MANNER SO THE BULK OF THE SAND IS AT LEAST 18 INCHES BELOW THE TOP OF THE BARRICADE.
9. THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE STAGING. REMOVAL OF THE PAVEMENT MARKINGS WILL BE PAID FOR AS PAVEMENT MARKING REMOVAL - WATER BLASTING. CONTRACTOR SHALL NOT REMOVE EXISTING PAVEMENT MARKINGS BY GRINDING OR SANDBLASTING.
10. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR WORK ZONE STAGES. THE COST OF THE PAVEMENT MARKING TAPE REMOVAL WILL BE PAID FOR AS TEMPORARY PAVEMENT MARKING REMOVAL. CONTRACTOR SHALL NOT REMOVE THE PAVEMENT MARKING TAPE BY GRINDING OR SANDBLASTING.
11. ACCESS SHALL BE MAINTAINED FOR BOTH OF THE FOX RIVER TRAILS AT ALL TIMES FOR THE DURATION OF THE PROJECT.

- (A) PAVEMENT MARKING - LINE 4", DOUBLE YELLOW @ 11" CENTER
- (B) PAVEMENT MARKING - LINE 4", YELLOW
- (C) PAVEMENT MARKING - LINE 4", WHITE
- (D) PAVEMENT MARKING - LINE 6", WHITE
- (E) PAVEMENT MARKING - LINE 6", WHITE, 2' DASH, 6' SKIP
- (F) EXISTING PAVEMENT MARKING TO BE MAINTAINED
- (G) PAVEMENT MARKING - LINE 4", WHITE, 10' DASH, 30' SKIP

1. RESIDENT ENGINEER SHALL VERIFY LOCATION OF EXISTING PAVEMENT MARKINGS
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES.

BRIDGE:

1. REMOVE AND REPLACE EXISTING MEDIAN.

1. REMOVE EXISTING CORRUGATED MEDIAN EAST OF BRIDGE FROM STA 90+73 TO STA 91+52 AND REPLACE WITH HMA BASE COURSE.
2. REMOVE AND REPLACE RAMPED BARRIER MEDIAN NOSE EAST OF BRIDGE FROM STA 90+65 TO STA 90+73.
3. REMOVE AND REPLACE RAMPED BARRIER MEDIAN NOSE WEST OF BRIDGE FROM STA 77+50 STA TO 77+58.

BRIDGE:

1. BRIDGE DECK SCARIFICATION AND CONCRETE LATEX OVERLAY ON EXISTING EASTBOUND LANES.

1. REMOVE AND REPLACE GUARDRAIL ON THE SOUTHWEST SIDE OF THE BRIDGE AS SHOWN ON THE PLANS.
2. REMOVE EXISTING GUARDRAIL ON THE SOUTHEAST SIDE OF THE BRIDGE AS SHOWN ON THE PLANS.

BRIDGE:

1. BRIDGE DECK SCARIFICATION AND CONCRETE LATEX OVERLAY ON EXISTING WESTBOUND LANES.

1. REMOVE EXISTING GUARDRAIL ON NORTHWEST SIDE OF THE BRIDGE AS SHOWN ON THE PLANS.
2. REMOVE AND REPLACE GUARDRAIL ON THE NORTHEAST SIDE OF THE BRIDGE AS SHOWN ON THE PLANS.

1. PAVEMENT MARKING INSTALLATION AS SHOWN ON THE PLANS USING IDOT HIGHWAY STANDARD 701426-09.



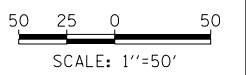
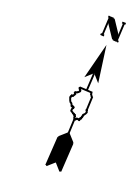
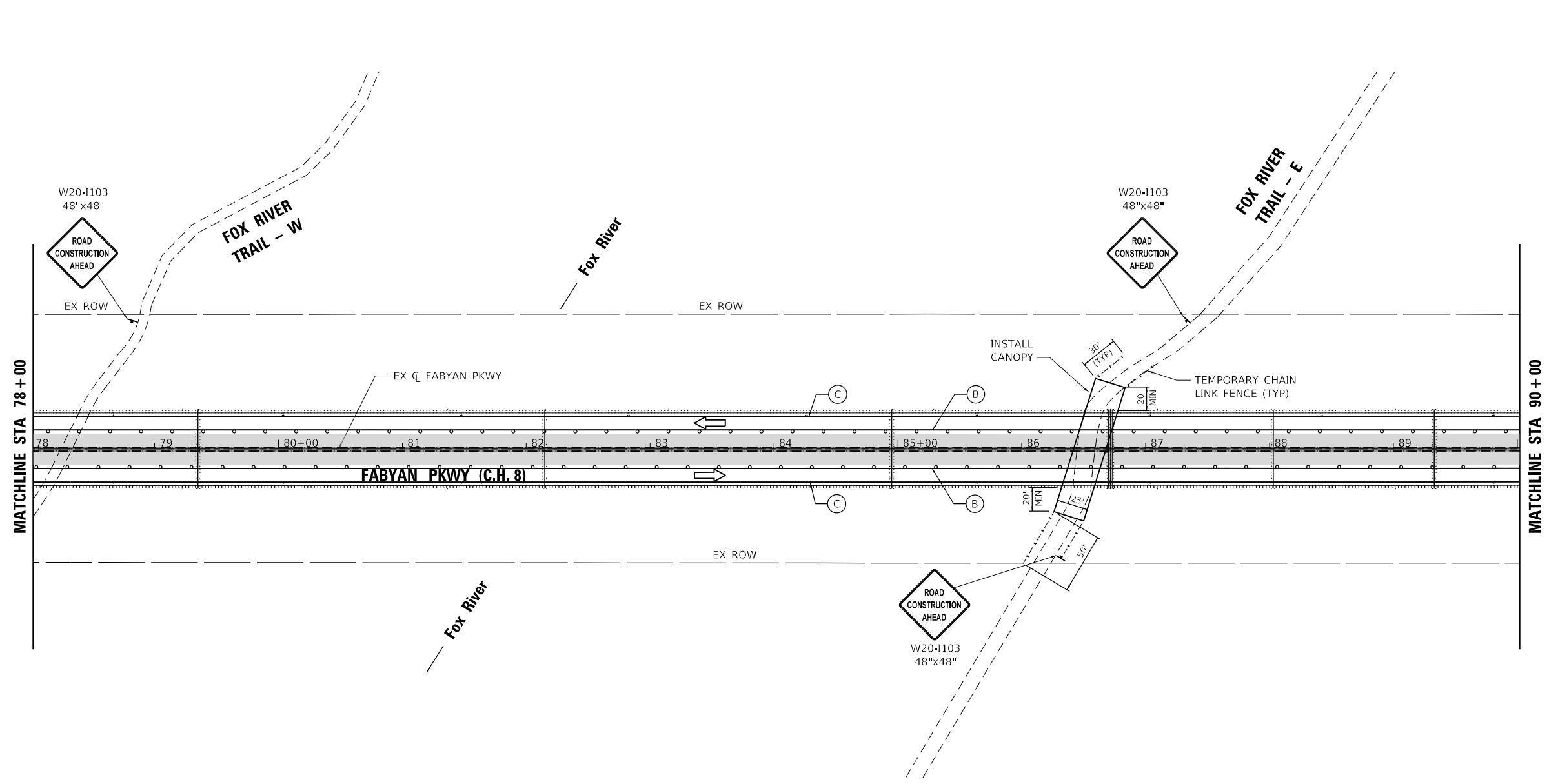
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| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY DIVISION OF TRANSPORTATION

| | | | | | | | | | |
|-------------------------------------------------------------------------------------------|--|---------|------|--------|---------------------------|----------------|---------|--------------|-----------|
| FABYAN PARKWAY MAINTENANCE OF TRAFFIC STAGING NOTES AND TYPICAL SECTIONS | | | | | C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | | | 8 | 17-00479-00-BR | KANE | 57 | 12 |
| | | | | | CONTRACT NO. | | | | |
| SCALE: NONE | | SHEET 1 | OF 1 | SHEETS | STA. | | TO STA. | | |
| | | | | | ILLINOIS FED. AID PROJECT | | | | |



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| PLOT DATE | = 10/31/2018 | DATE - | 10-31-2018 | REVISED - | |

**KANE COUNTY
DIVISION OF TRANSPORTATION**

| FABYAN PARKWAY MAINTENANCE OF TRAFFIC - STAGE 1 | | | |
|----------------------------------------------------|---------|---------------|--------|
| SCALE: 1"=50' | SHEET 2 | OF 3 | SHEETS |
| STA. 78+00 | | TO STA. 90+00 | |

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 14 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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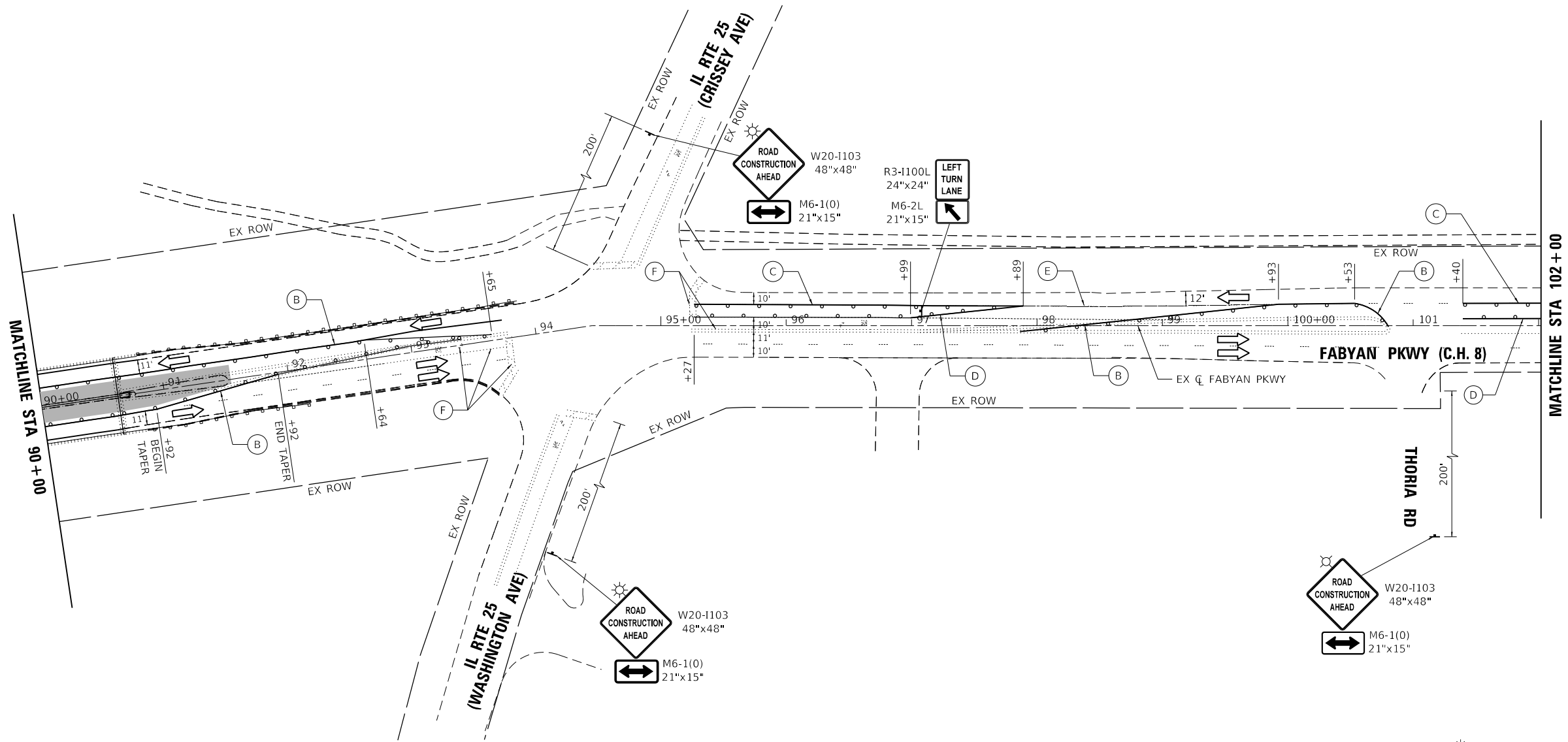
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| PLOT SCALE | = 100.0000 ' / in. | CHECKED - | DLD | REVIS | ED |
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KANE COUNTY
DIVISION OF TRANSPORTATION

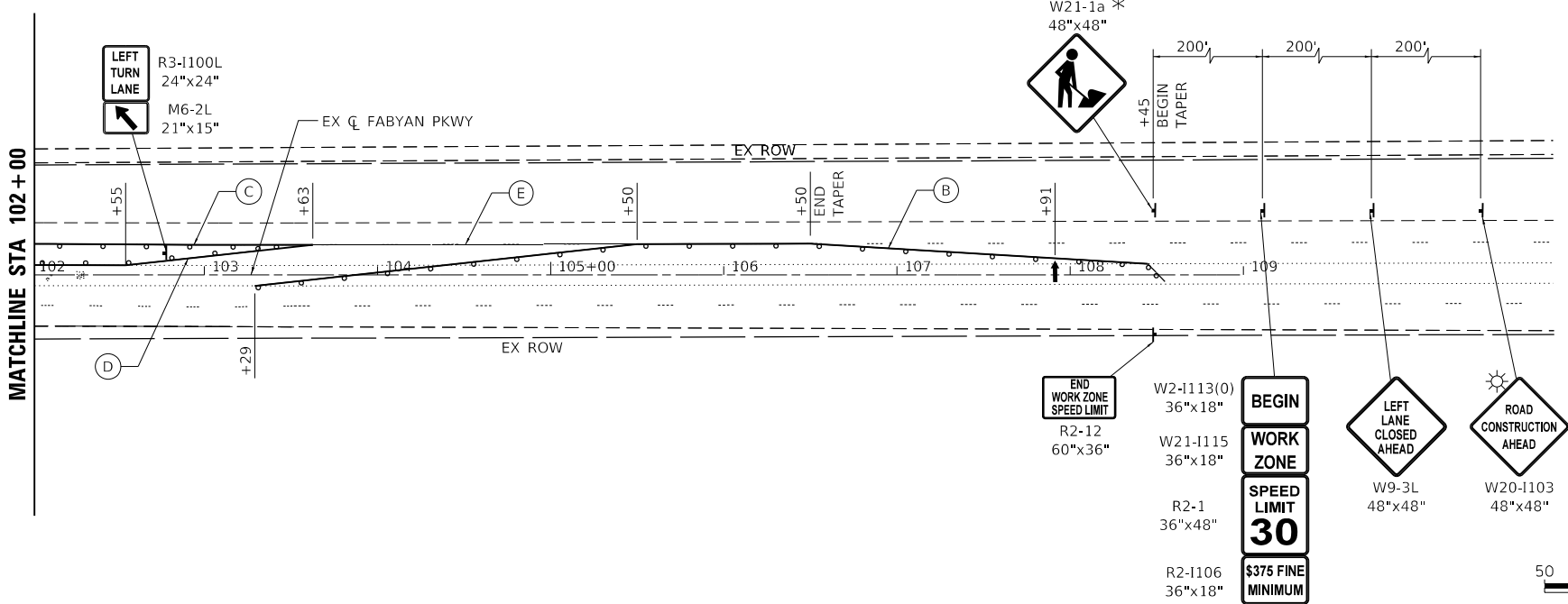
FABYAN PARKWAY
MAINTENANCE OF TRAFFIC - STAGE 1

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 90+00 TO STA. 109+00

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 15 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



* SIGN SHALL NOT BE DISPLAYED WHEN WORKERS ARE NOT PRESENT ON SITE



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SCALE: 1"=50'

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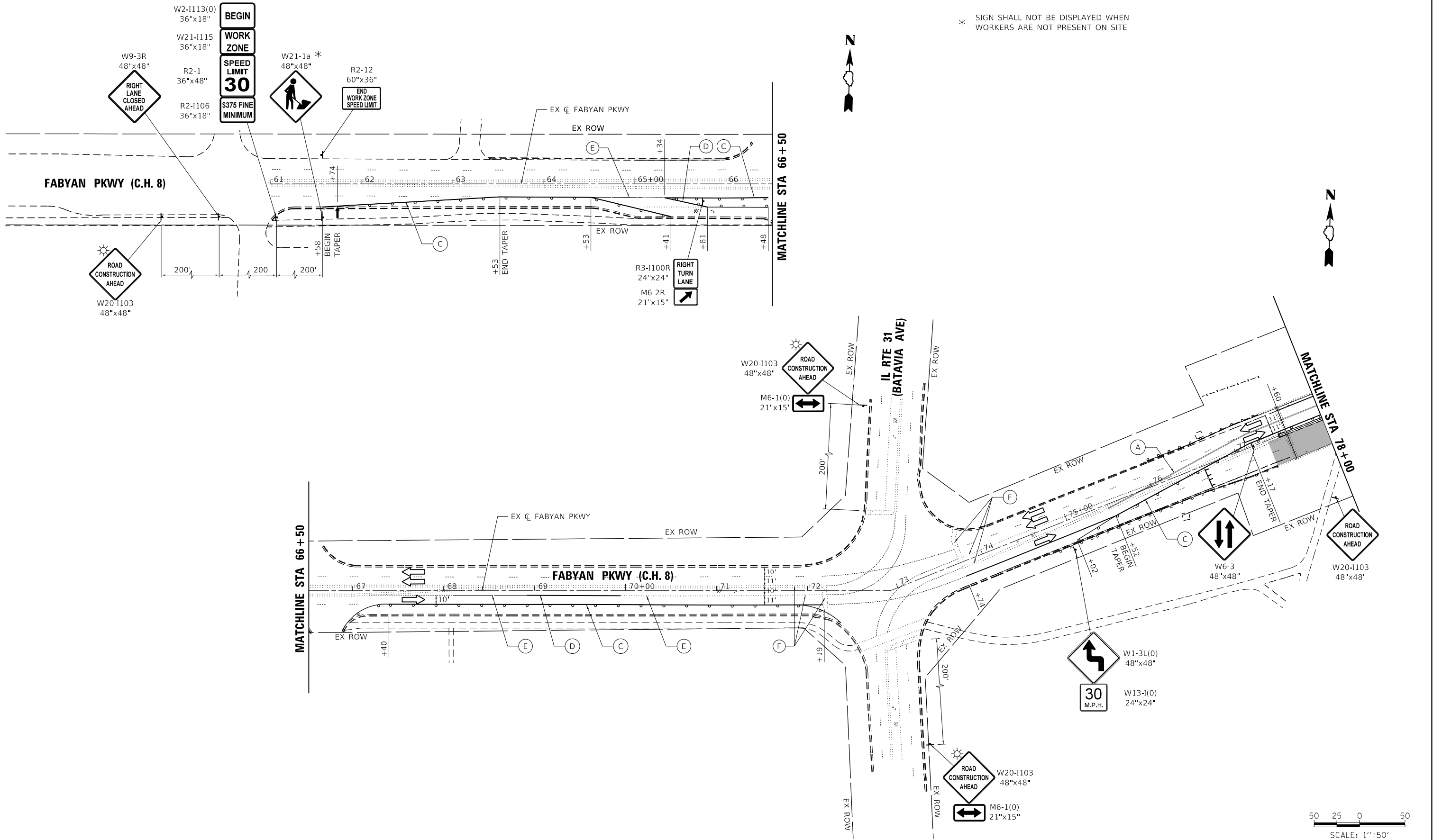
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KANE COUNTY
DIVISION OF TRANSPORTATION

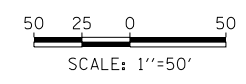
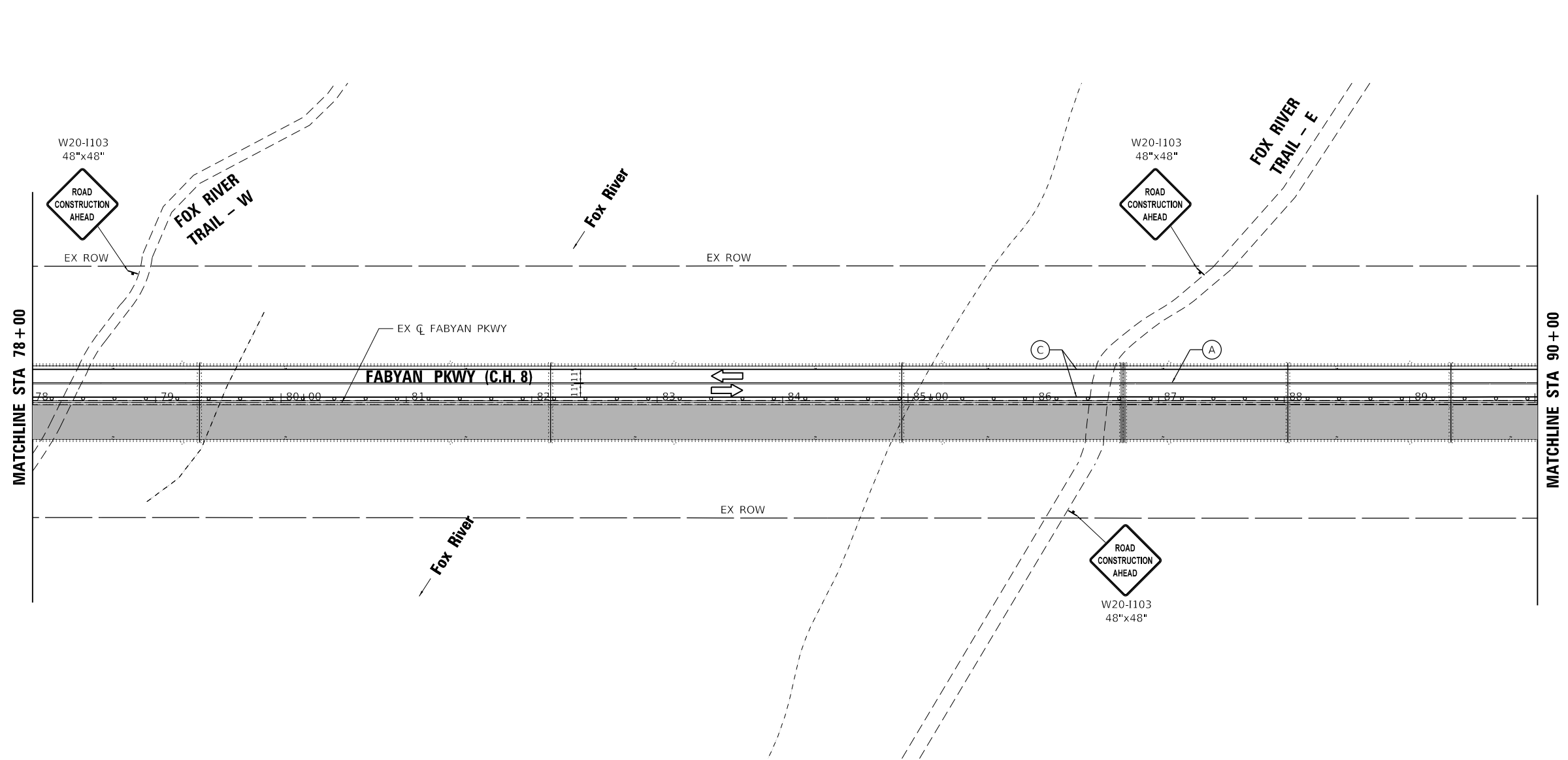
FABYAN PARKWAY
MAINTENANCE OF TRAFFIC - STAGE 2

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 61+00 TO STA. 78+00

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 16 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



* SIGN SHALL NOT BE DISPLAYED WHEN WORKERS ARE NOT PRESENT ON SITE



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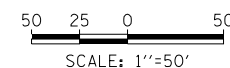
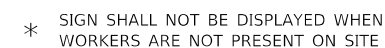


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| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

**KANE COUNTY
DIVISION OF TRANSPORTATION**

| FABYAN PARKWAY MAINTENANCE OF TRAFFIC - STAGE 2 | | | |
|----------------------------------------------------|---------|-------------|--------------------------|
| SCALE: 1"=50' | SHEET 2 | OF 3 SHEETS | STA. 78+00 TO STA. 90+00 |

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 17 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |





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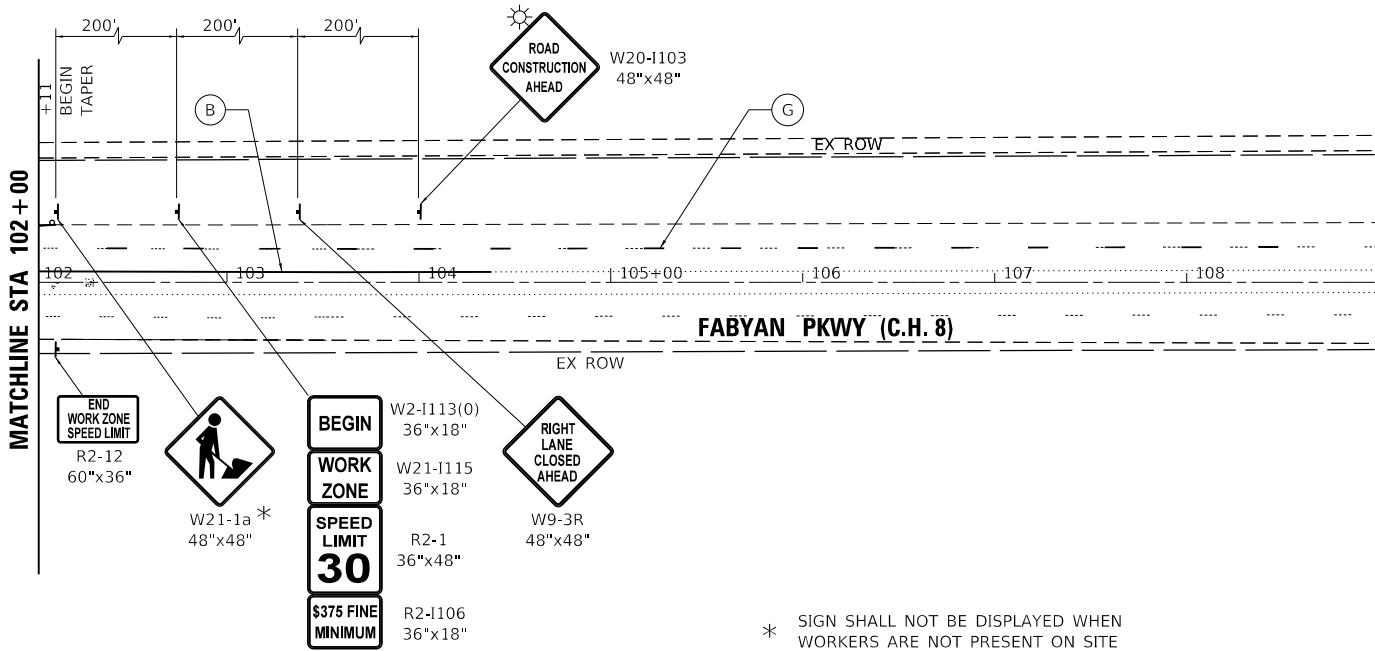
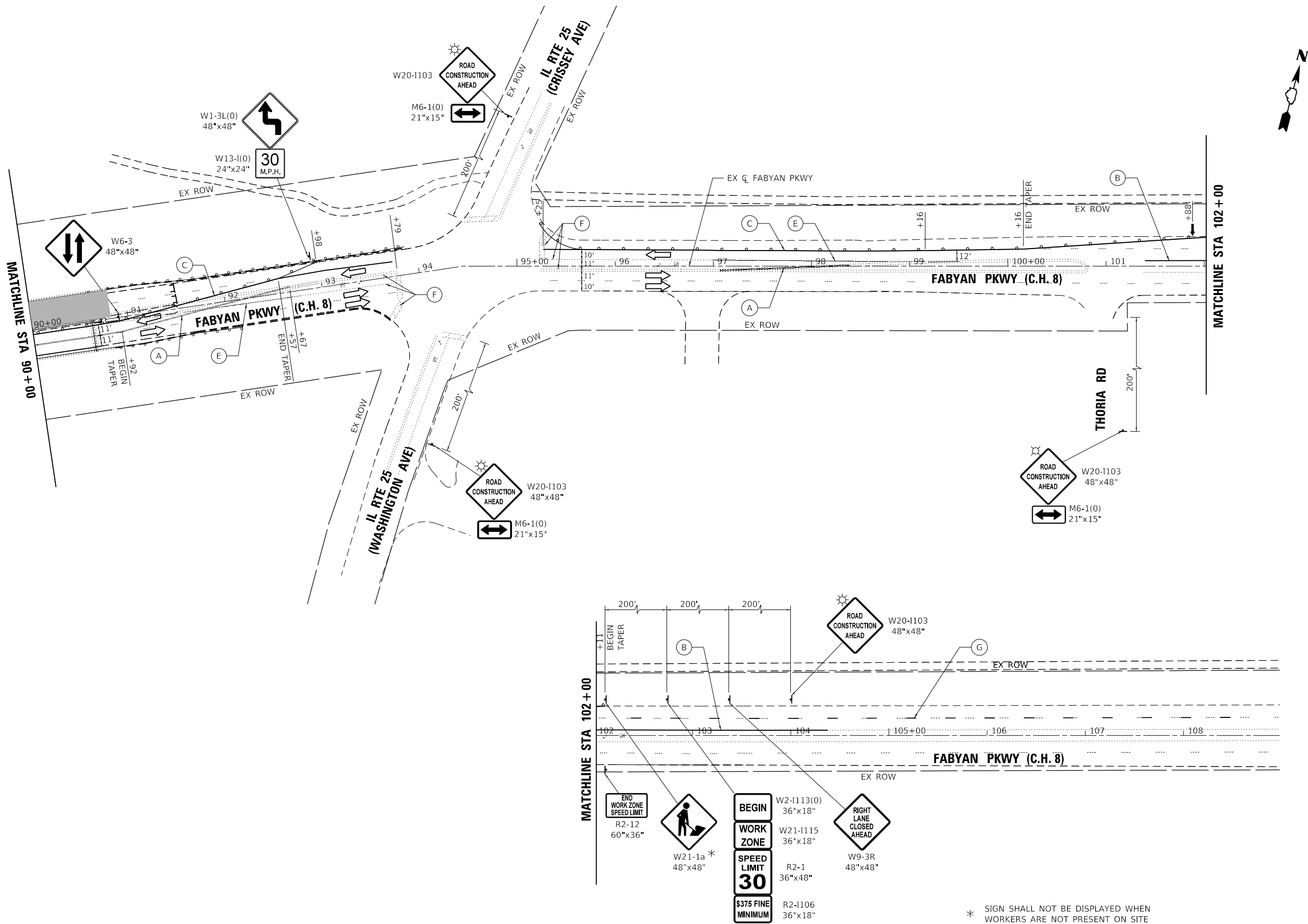
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| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY
DIVISION OF TRANSPORTATION

FABYAN PARKWAY
MAINTENANCE OF TRAFFIC - STAGE 3

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 90+00 TO STA. 109+00

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 21 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



* SIGN SHALL NOT BE DISPLAYED WHEN WORKERS ARE NOT PRESENT ON SITE

50 25 0 50
SCALE: 1"=50'

EROSION CONTROL GENERAL NOTES

1. THE KANE COUNTY DIVISION OF TRANSPORTATION WILL FOLLOW THE IDOT SUGGESTED POLICY FOR ADMINISTRATION OF THE NPDES REQUIREMENTS, THE ILLINOIS DEPARTMENT OF TRANSPORTATION SUGGESTED POLICY IS OUTLINED IN THE IDOT BLR MEMO ON EROSION AND SEDIMENT CONTROL POLICY, #02-22.
2. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
3. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE ILLINOIS URBAN MANUAL LATEST UPDATE.
4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES. A COPY SHALL ALSO BE KEPT AT KDOT PERMIT DEPARTMENT.
5. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE REGULATORY AUTHORITIES. THESE ADDITIONAL ITEMS ARE INCLUDED IN THE CONTRACT.
6. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTORS WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEMS NPDES PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
7. PERIMETER EROSION CONTROL BARRIER SHALL BE ERECTED ADJACENT TO TEMPORARY CONSTRUCTION FENCE IN SELECTED LOCATIONS. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION CONTROL BARRIER.
8. CLEANING OF VEHICLES AND EQUIPMENT SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT POSSIBLE.
9. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUN OFF. LEAKY EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
10. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.
11. THE MAINTENANCE AND REPAIR OR REPLACEMENT OF EROSION CONTROL ITEMS, WHEN DIRECTED BY THE ENGINEER, WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEMS.
12. DUST CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 107.36 OF THE STANDARD SPECIFICATIONS.

13. WHENEVER DURING CONSTRUCTION OPERATIONS, LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC., SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIAL CREATED AS A RESULT.
14. ALL PERIMETER EROSION BARRIER AND TEMPORARY FENCE SHALL BE INSTALLED WITHIN THE TEMPORARY EASEMENT, PROPOSED RIGHT-OF-WAY OR EXISTING RIGHT-OF-WAY.
15. WHERE APPLICABLE, PERIMETER EROSION BARRIER SHALL BE PLACED AT THE RIGHT-OF-WAY DURING CONSTRUCTION AND LEFT IN PLACE UNTIL NEW SEEDING IS 90% ESTABLISHED.
16. TEMPORARY EROSION CONTROL BLANKET SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY EROSION CONTROL SEEDING HAS BEEN COMPLETED AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
17. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
18. ALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES SHOULD BE CHECKED WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED AFTER EACH SIGNIFICANT SNOWFALL.
19. ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM - SEEDING CLASS 2A, FERTILIZER NUTRIENTS, AND EROSION CONTROL BLANKET (NORTH AMERICAN BRAND), OR APPROVED EQUIVALENT, OR SALT TOLERANT SOD WITH FERTILIZER NUTRIENTS.

KANE COUNTY
DIVISION OF TRANSPORTATION

FABYAN PARKWAY
EROSION CONTROL GENERAL NOTES

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------|----------------|--------|--------------|------------------|
| 8 | 17-00479-00-BR | KANE | 57 | 22 |
| CONTRACT NO. | | | | |
| | | | ILLINOIS | FED. AID PROJECT |

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

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8/20/2018 10:58:10 AM
17736178



Stanley Consultants INC.
800 West Higgins Road, Suite 110, Chicago, Illinois 60690-2900
www.stanley.com
Tel: 312.261.7000 Fax: 312.261.7001

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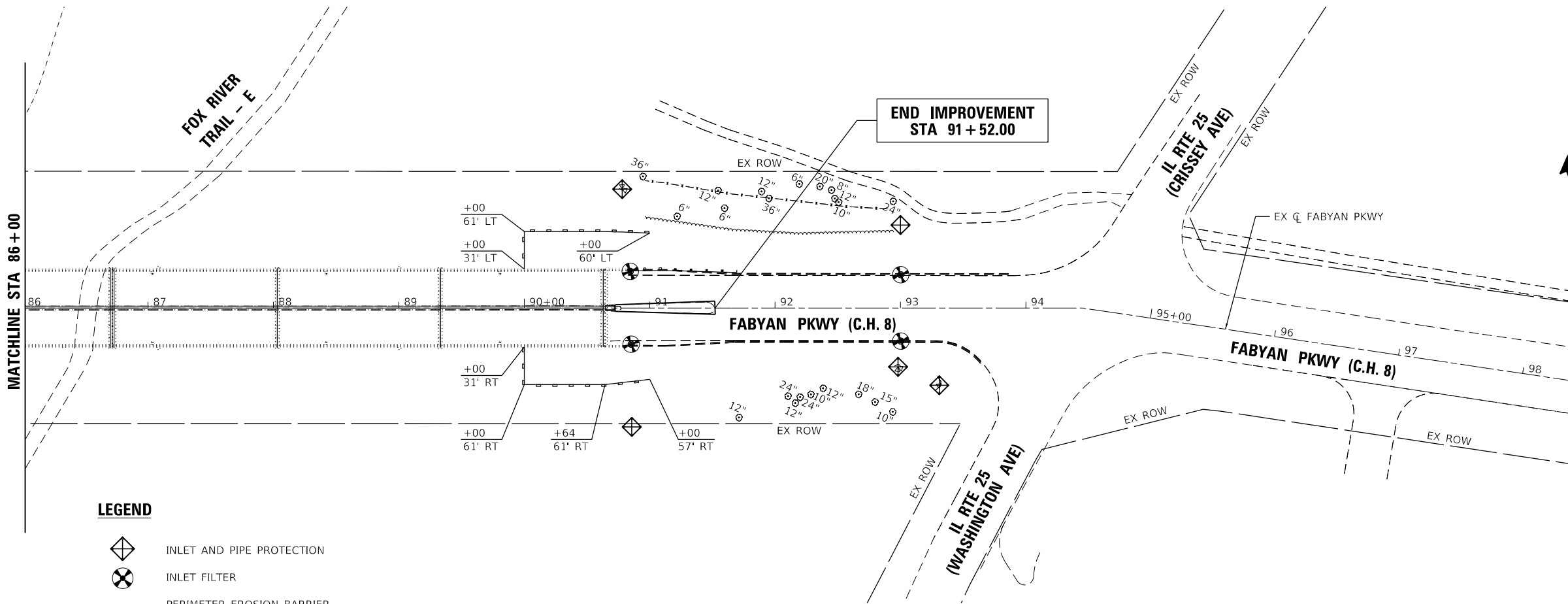
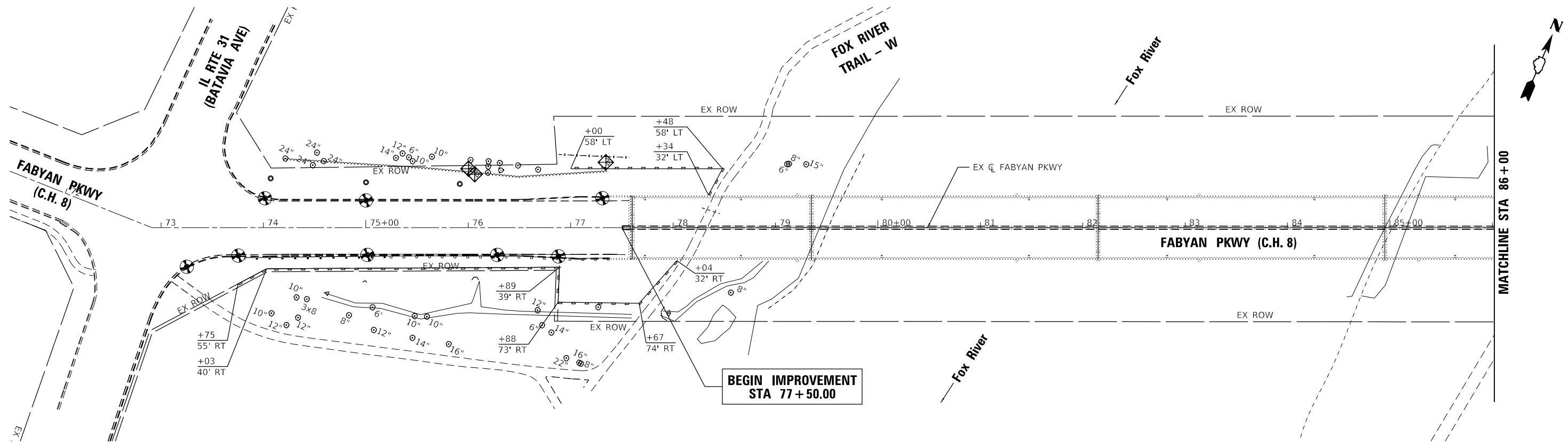
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| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY
DIVISION OF TRANSPORTATION

FABYAN PARKWAY
EROSION AND SEDIMENT CONTROL PLAN – STAGE 1, 2 AND 3

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 73+00 TO STA. 98+00

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 23 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

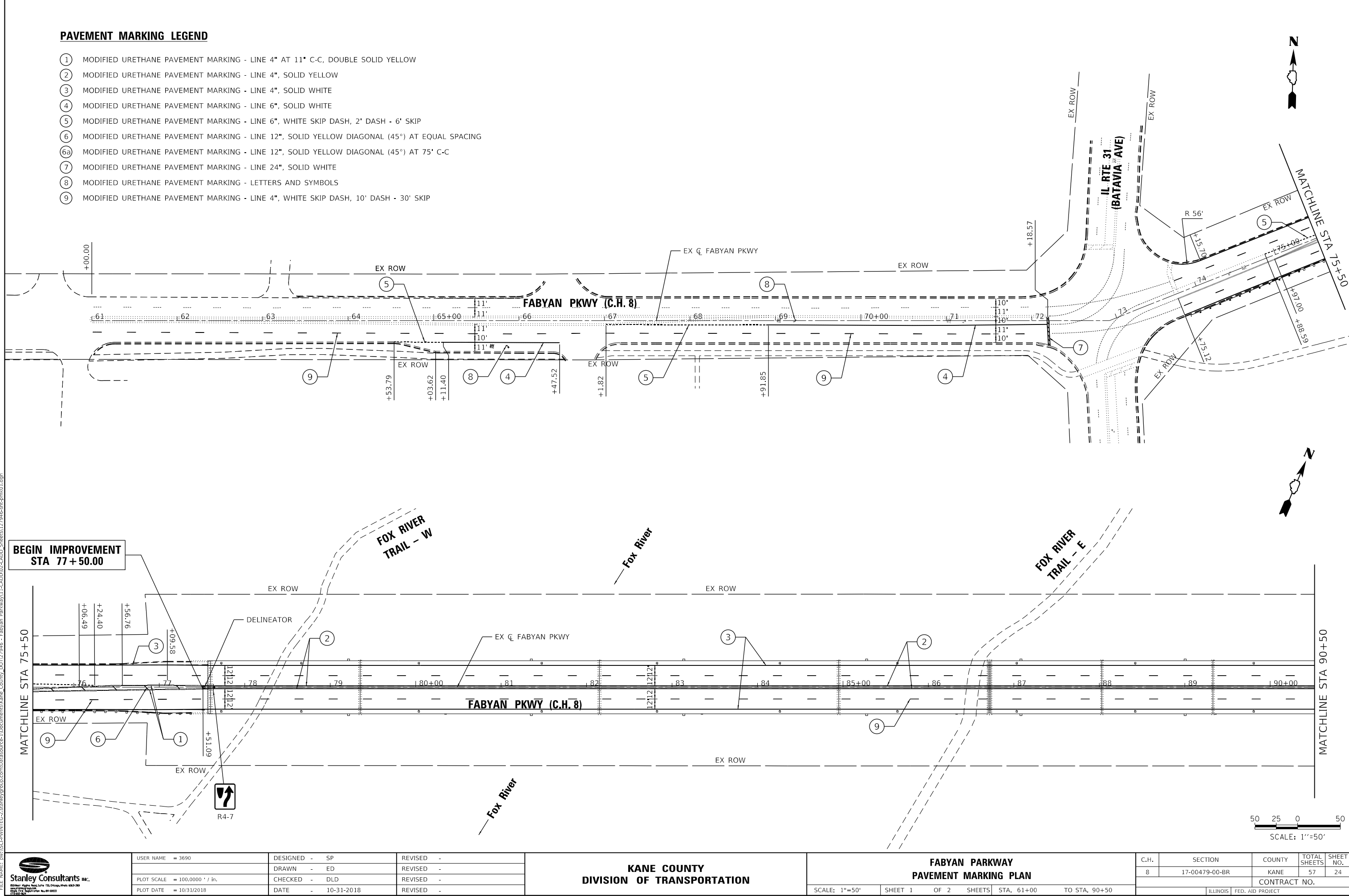
- INLET AND PIPE PROTECTION
- INLET FILTER
- PERIMETER EROSION BARRIER

| STATION | OFFSET | SIDE | INLET FILTER | INLET & PIPE PROTECTION |
|----------|--------|------|--------------|-------------------------|
| 73+25.12 | 38.18 | RT | X | |
| 73+75.41 | 27.30 | RT | X | |
| 74+01.36 | 28.70 | LT | X | |
| 75+00.10 | 26.66 | LT | X | |
| 75+01.41 | 26.60 | RT | X | |
| 76+00.13 | 57.47 | LT | | X |
| 76+06.41 | 52.14 | LT | | X |
| 76+28.24 | 26.61 | RT | X | |
| 76+88.12 | 28.01 | RT | X | |
| 77+30.89 | 28.85 | LT | X | |
| 77+34.44 | 63.76 | LT | | X |
| 90+78.05 | 94.70 | LT | | X |
| 90+84.49 | 29.20 | LT | X | |
| 90+85.23 | 28.85 | RT | X | |
| 90+85.63 | 94.86 | RT | | X |
| 92+97.97 | 46.96 | RT | | X |
| 92+99.99 | 66.12 | LT | | X |
| 93+00.16 | 26.52 | LT | X | |
| 93+00.24 | 26.37 | RT | X | |
| 93+30.79 | 61.72 | RT | | X |

50 25 0 50
SCALE: 1"=50'

PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" AT 11" C-C, DOUBLE SOLID YELLOW
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 4", SOLID YELLOW
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 4", SOLID WHITE
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 6", SOLID WHITE
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 6", WHITE SKIP DASH, 2' DASH - 6' SKIP
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 12", SOLID YELLOW DIAGONAL (45°) AT EQUAL SPACING
- ⑥a MODIFIED URETHANE PAVEMENT MARKING - LINE 12", SOLID YELLOW DIAGONAL (45°) AT 75' C-C
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 4", WHITE SKIP DASH, 10' DASH - 30' SKIP



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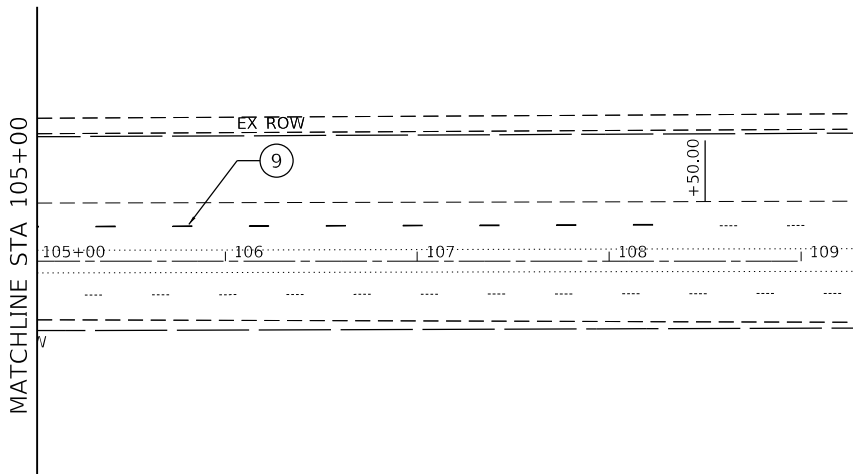
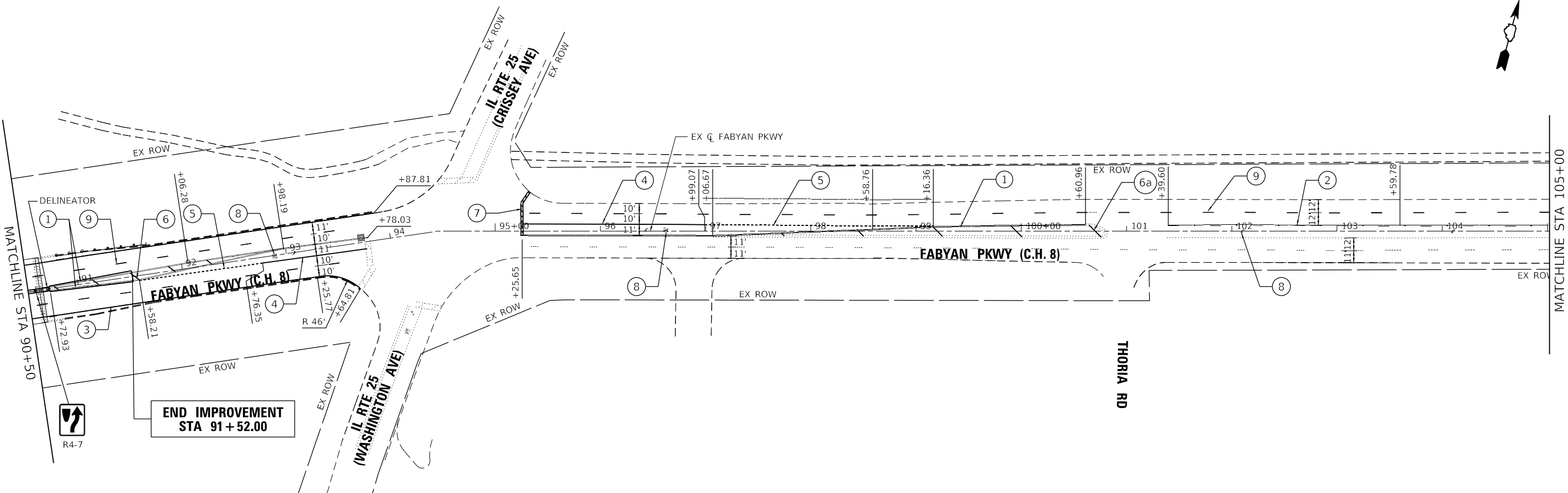
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| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY
DIVISION OF TRANSPORTATION

FABYAN PARKWAY
PAVEMENT MARKING PLAN

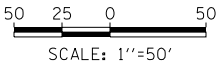
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| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 24 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" AT 11" C-C, DOUBLE SOLID YELLOW
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 4", SOLID YELLOW
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 4", SOLID WHITE
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 6", SOLID WHITE
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 6", WHITE SKIP DASH, 2' DASH - 6' SKIP
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 12", SOLID YELLOW DIAGONAL (45°) AT EQUAL SPACING
- ⑥a MODIFIED URETHANE PAVEMENT MARKING - LINE 12", SOLID YELLOW DIAGONAL (45°) AT 75' C-C
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 4", WHITE SKIP DASH, 10' DASH - 30' SKIP



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Stanley Consultants INC.
100 West Higgins Road, Suite 110, Chicago, Illinois 60690-3900
Phone: 773.399.8800
Fax: 773.399.8801
www.stanley.com



| | | |
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| USER NAME = 3690 | DESIGNED - SP | REVISED - |
| | DRAWN - ED | REVISED - |
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| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY
DIVISION OF TRANSPORTATION

FABYAN PARKWAY
PAVEMENT MARKING

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 90+50 TO STA. 109+00

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 25 |
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| ILLINOIS FED. AID PROJECT | | | | |

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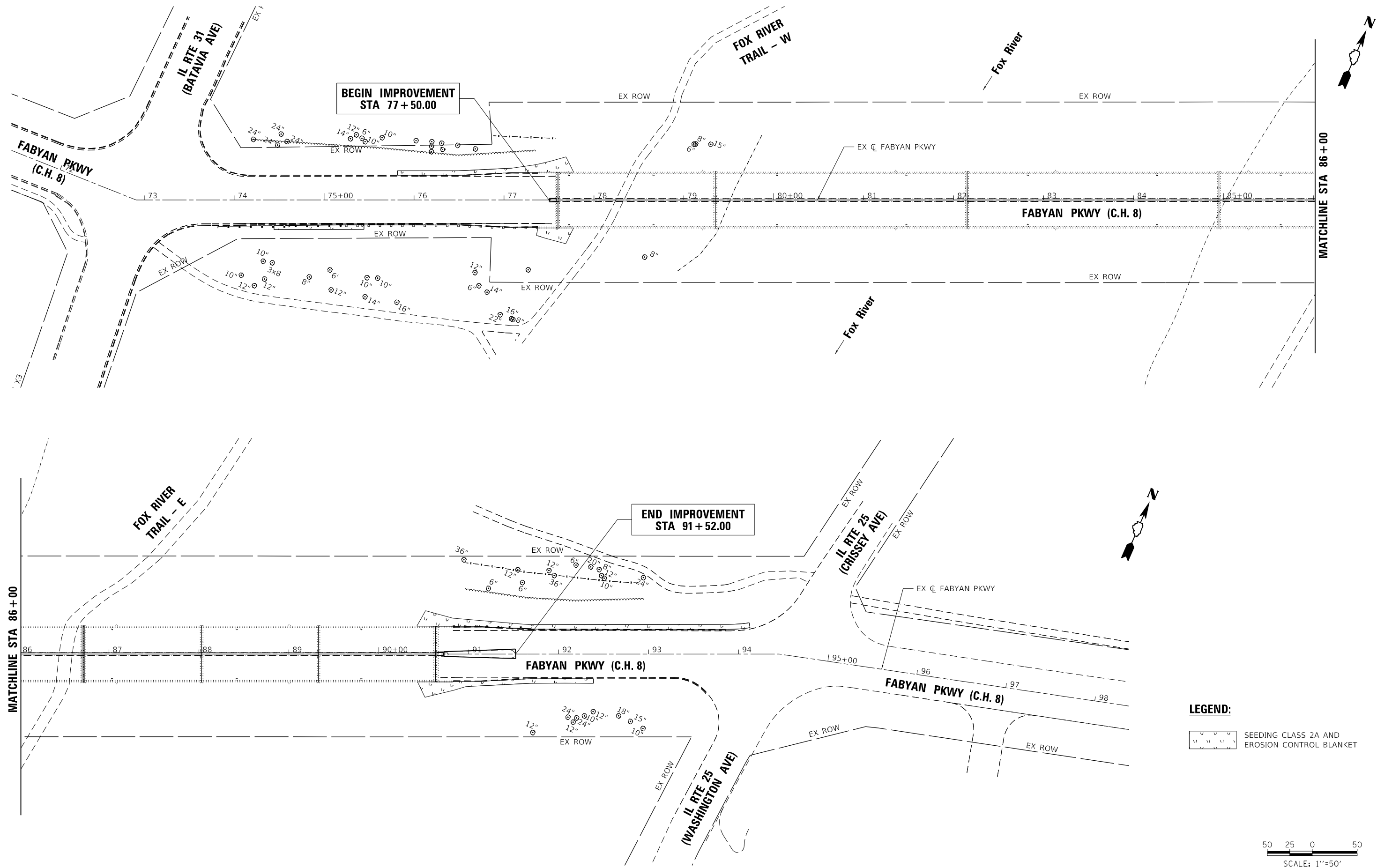
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| PLOT DATE | = 10/31/2018 | DATE | - 10-31-2018 | REVISED - | |

KANE COUNTY
DIVISION OF TRANSPORTATION

FABYAN PARKWAY
LANDSCAPING PLAN

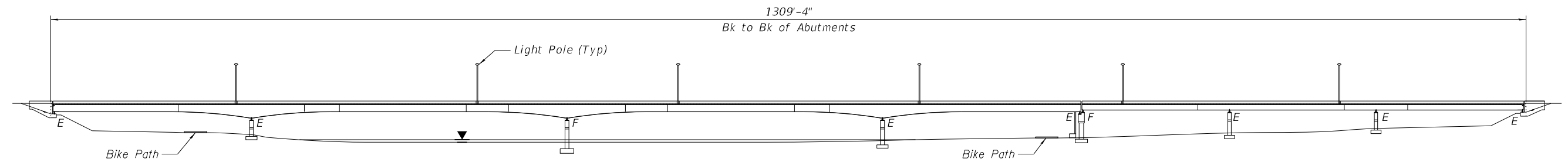
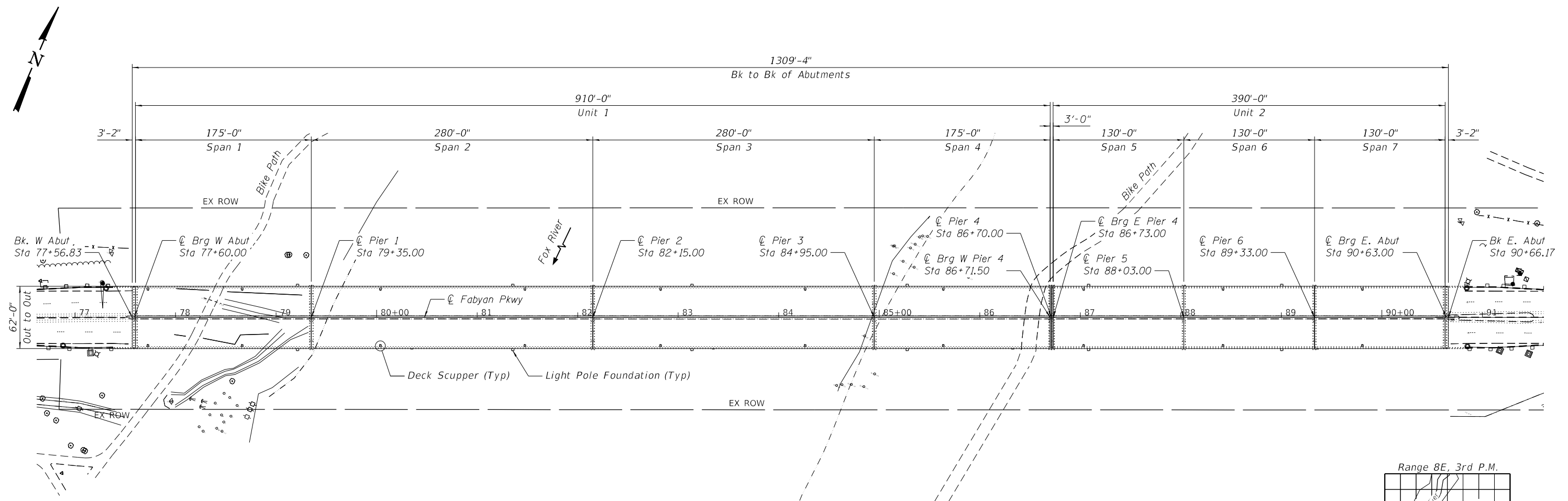
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| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| ILLINOIS FED. AID PROJECT | | | | |



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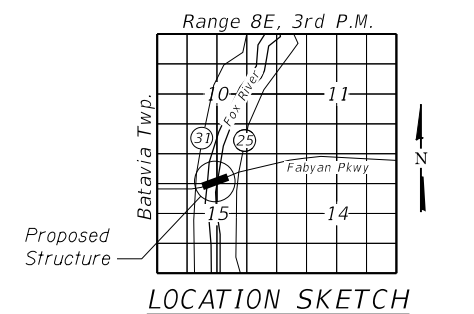
SEEDING CLASS 2A AND
EROSION CONTROL BLANKET

ELEVATION

SCOPE OF BRIDGE WORK

1. Remove and replace existing concrete overlay.
2. Perform localized deck slab repair.
3. Remove and replace concrete median.
4. Remove and replace drainage scuppers.
5. Remove and replace expansion joint seals.
6. Repair girder web and replace cross frame.
7. Clean and paint girder ends
8. Epoxy inject cracks.
9. Form repair concrete.
10. Replace light pole bases, clean and paint lower section of light poles.

PLAN



GENERAL NOTES

1. Fasteners shall be ASTM A325 Type 3 mechanically galvanized bolts. Bolts 3/4 in. φ, holes 13/16 in. φ, unless otherwise noted.
2. Calculated weight of Structural Steel = 410 lbs
3. All structural steel shall be AASHTO M 270 Grade 50W.
4. No field welding is permitted except as specified in the contract documents.
5. Reinforcement bars designated (E) shall be epoxy coated.
6. Plan dimensions and details relative to 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 work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
7. All structural steel and exposed surfaces of bearings within a distance of 10 ft. each way from the deck joints shall be painted as specified in the Special Provisions.
8. Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.
9. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost incidental to "Concrete Removal".
10. Surfaces of existing steel identified in pay item for CLEANING AND PAINTING STEEL BRIDGE NO.1 and CLEANING AND PAINTING LIGHT POLES shall be prepared according to SSPC-SP3, Power Tool Cleaning and painted according to System 2 as specified in special provisions. Final finish coat color for light poles shall be field matched. Final finish coat color for beam ends shall be Reddish Brown, Munsell NO. 2.5YR 3/4.

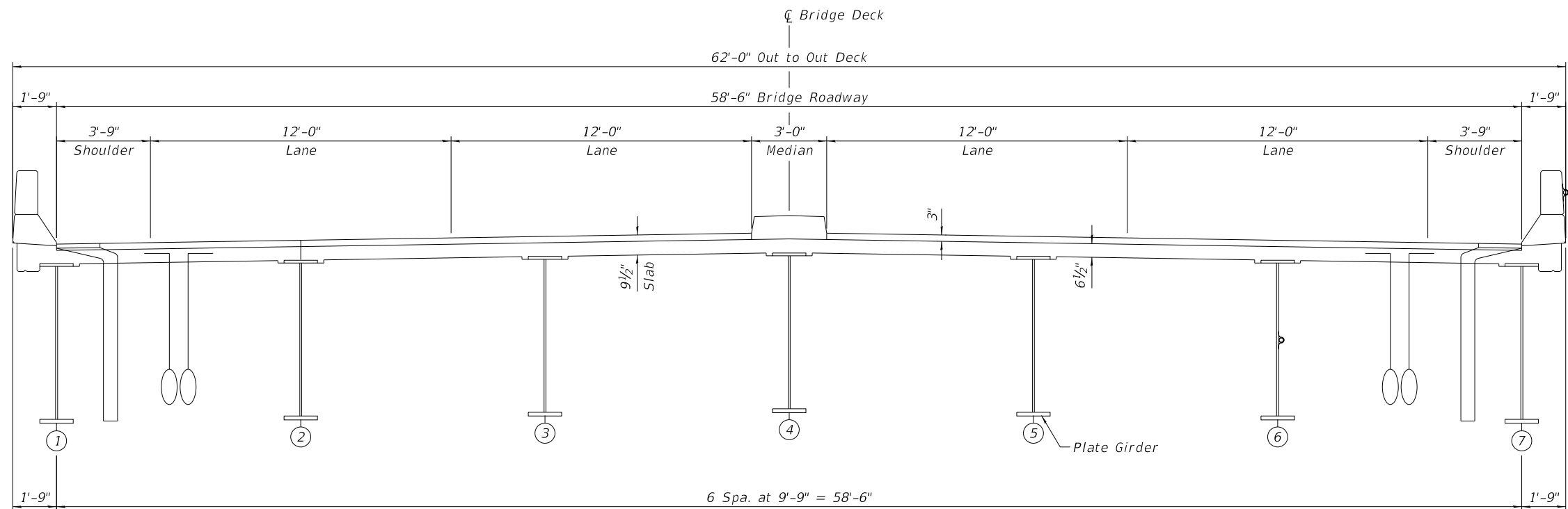
INDEX

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- 33 General Notes, Index, and Total Bill of Material
- 34 Cross Sections
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- 36 West Abutment Repair Plans
- 37 East Abutment Repair Plans
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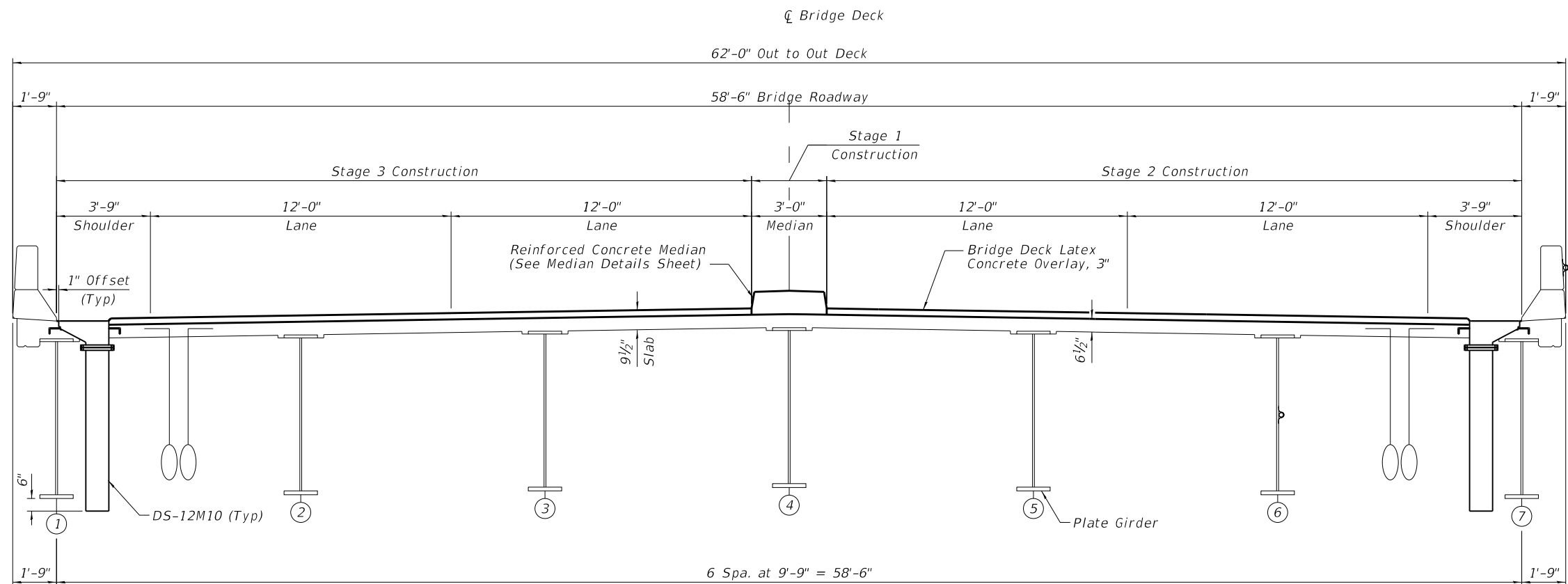
TOTAL BILL OF MATERIAL

| ITEM | UNIT | TOTAL |
|----------------------------------------------------------------------|-------|-------|
| CONCRETE REMOVAL | CU YD | 157 |
| SLOPE WALL REMOVAL | SQ YD | 91 |
| CONCRETE SUPERSTRUCTURE | CU YD | 157 |
| BRIDGE DECK GROOVING | SQ YD | 7,493 |
| PROTECTIVE COAT | SQ YD | 8,742 |
| REINFORCEMENT BARS, EPOXY COATED | POUND | 6,650 |
| SLOPE WALL 4 INCH | SQ YD | 92 |
| EPOXY CRACK INJECTION | FOOT | 254 |
| MODULAR EXPANSION JOINT STRIP SEAL REPLACEMENT, 6 IN | FOOT | 176 |
| STRUCTURAL STEEL REPAIR | LSUM | 1 |
| BRIDGE DECK LATEX CONCRETE OVERLAY, 3 INCHES | SQ YD | 8,075 |
| CLEANING AND PAINTING STEEL BRIDGE NO. 1 | LSUM | 1 |
| BRIDGE DECK SCARIFICATION 3" | SQ YD | 8,075 |
| STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES) | SQ FT | 156 |
| DECK SLAB REPAIR (FULL DEPTH, TYPE II) | SQ YD | 81 |
| DECK SLAB REPAIR (PARTIAL) | SQ YD | 954 |
| DRAINAGE SCUPPERS, DS-12M10 | EACH | 20 |
| DRILL AND GROUT BARS | EACH | 140 |
| CLEANING AND PAINTING LIGHT POLES | L SUM | 1 |
| BASE WRAP, 24 INCH | EACH | 12 |

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EXISTING SECTION
(Looking East)



PROPOSED SECTION
(Looking East)

MODEL TypeSect
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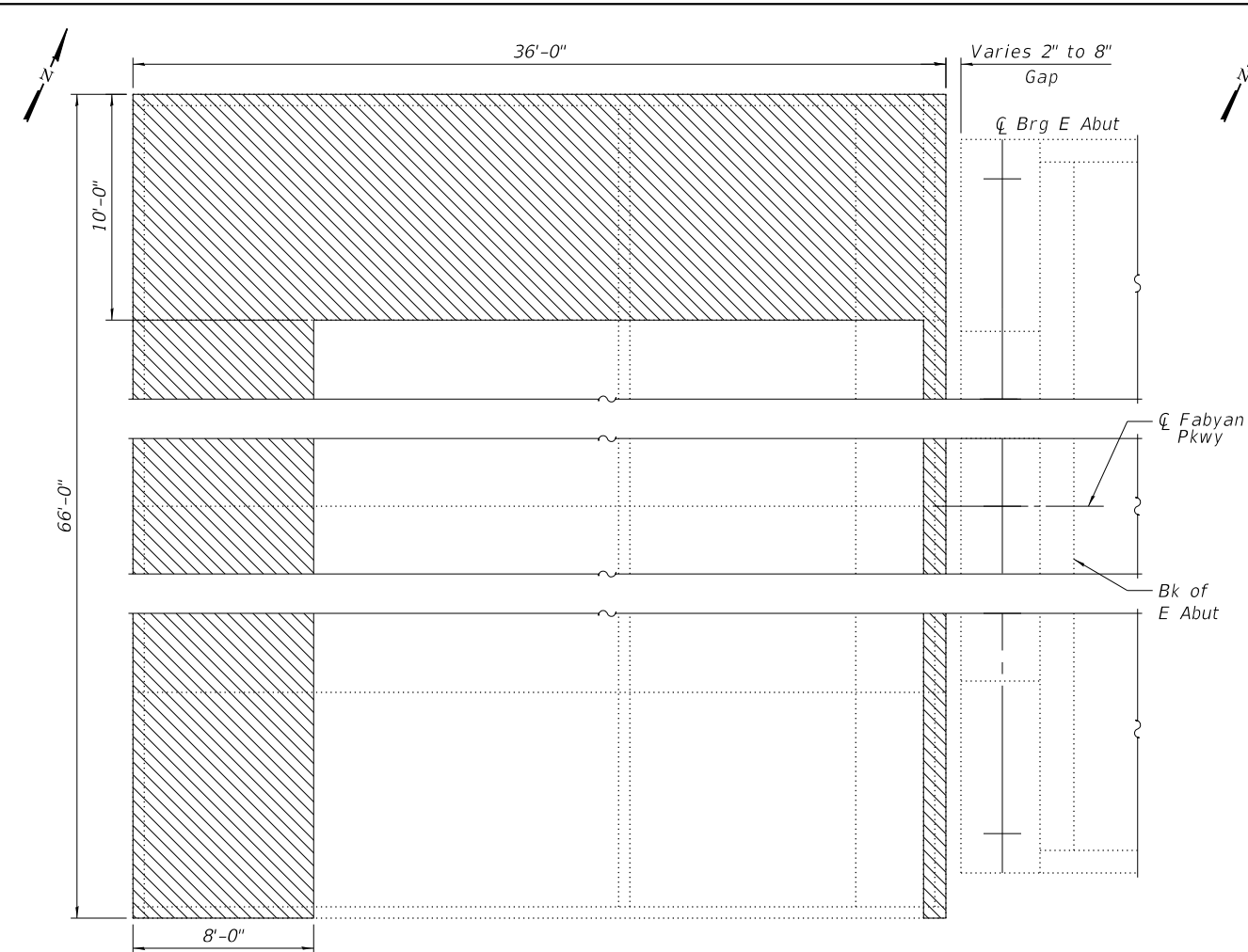
KANE COUNTY
DIVISION OF TRANSPORTATION

CROSS SECTIONS
STRUCTURE NO. 045-3097

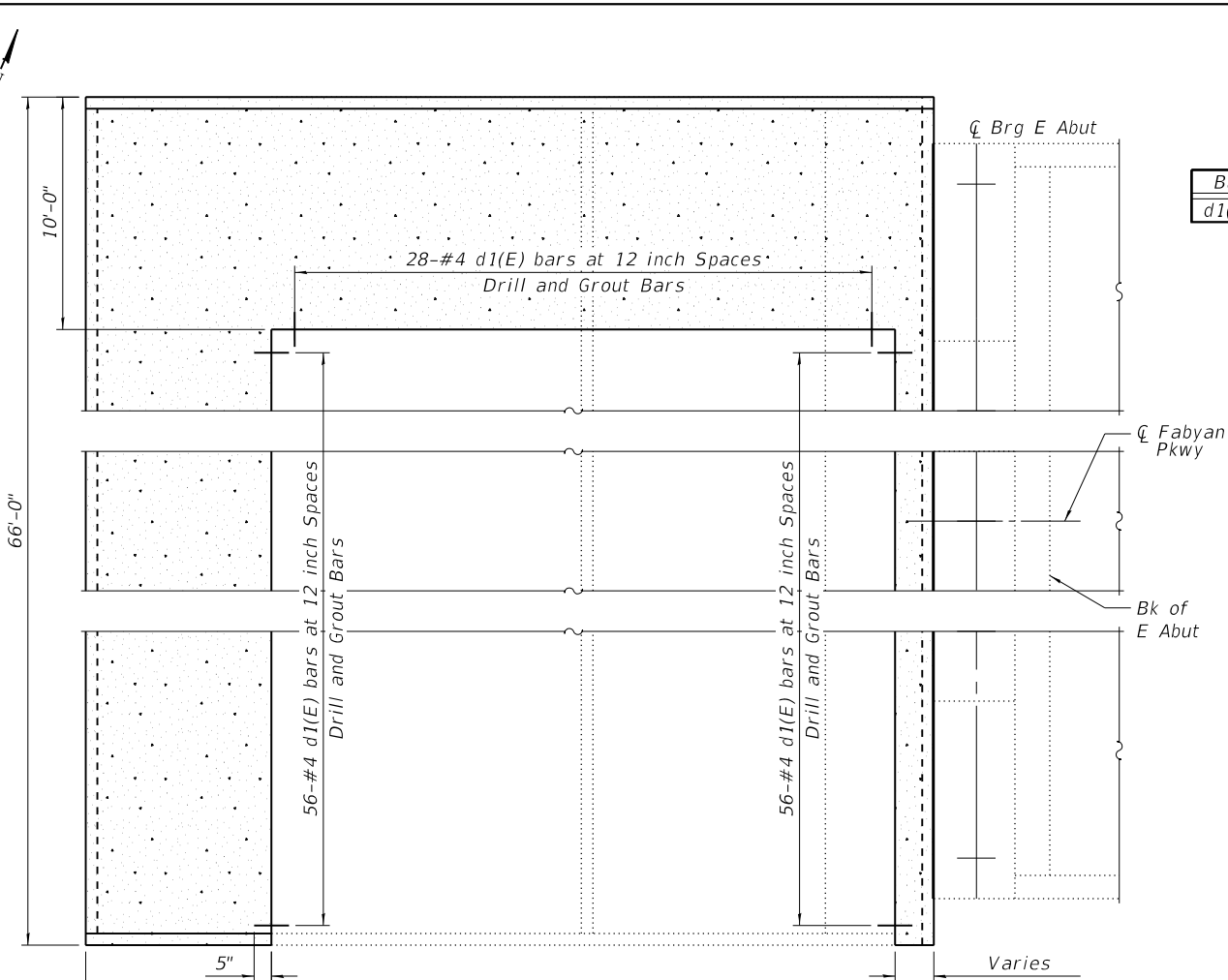
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| C.H.R. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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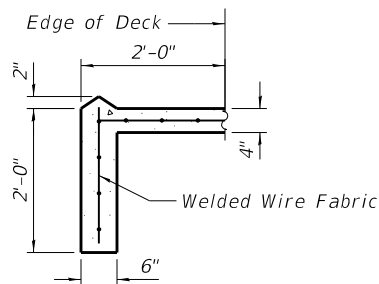


EAST ABUTMENT SLOPEWALL PLAN
(Looking South)

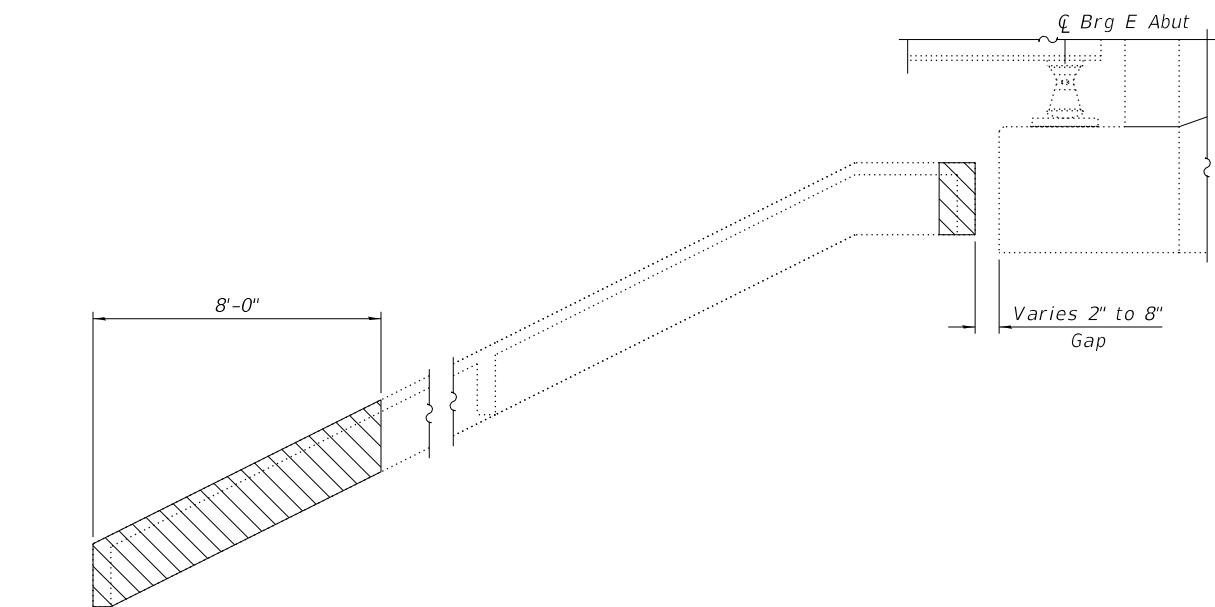


EAST ABUTMENT SLOPEWALL PLAN
(Looking South)

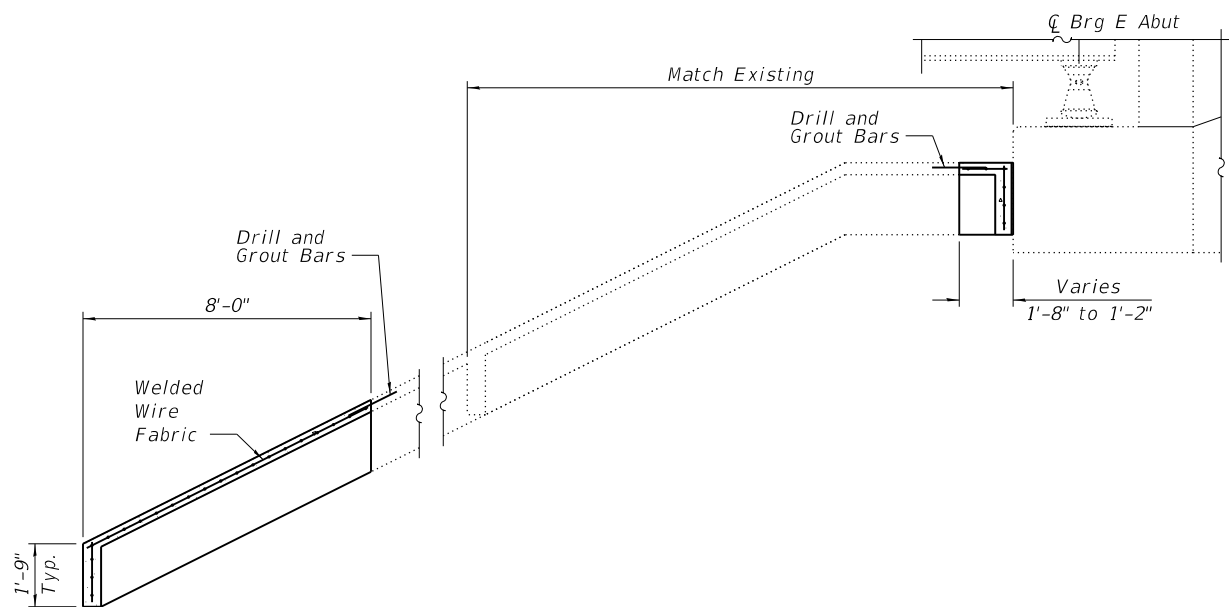
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| Bar | No. | Size | Length | Shape |
| d1(E) | 140 | #4 | 0'-10" | |



SECTION A-A



EAST ABUTMENT SLOPEWALL ELEVATION
(Looking North)



EAST ABUTMENT SLOPEWALL ELEVATION
(Looking North)

LEGEND

| | |
|--|-----------------------|
| | Structural Removal |
| | Epoxy Crack Injection |
| | Structural Replaced |

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|----------------------|---------|----------|
| Drill and Grout Bars | Each | 140 |
| Slope Wall 4 INCH | Sq. Yd. | 91.4 |
| Slope Wall Removal | Sq. Yd. | 90.1 |



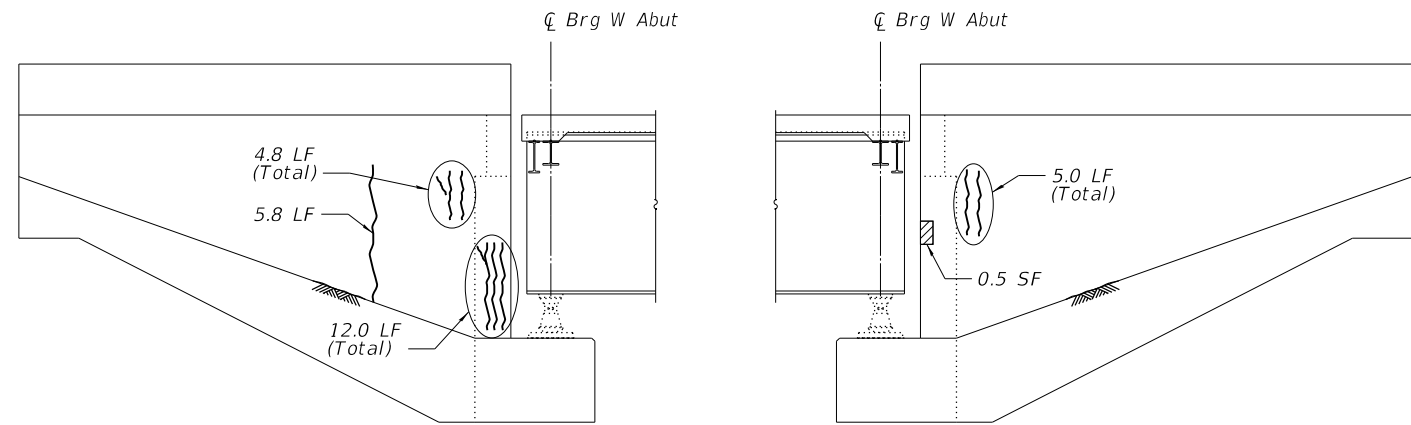
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| PLOT DATE | = 10/31/2018 | DATE | - 10-31-2018 | REVISED | - |

**KANE COUNTY
DIVISION OF TRANSPORTATION**

**EAST ABUTMENT SLOPEWALL REPAIR PLANS
STRUCTURE NO. 045-3097**

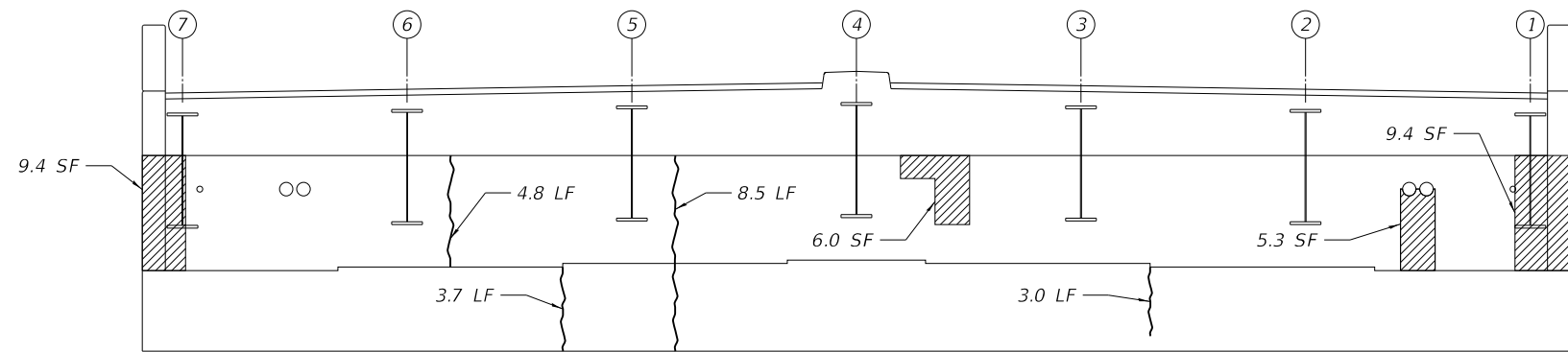
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| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

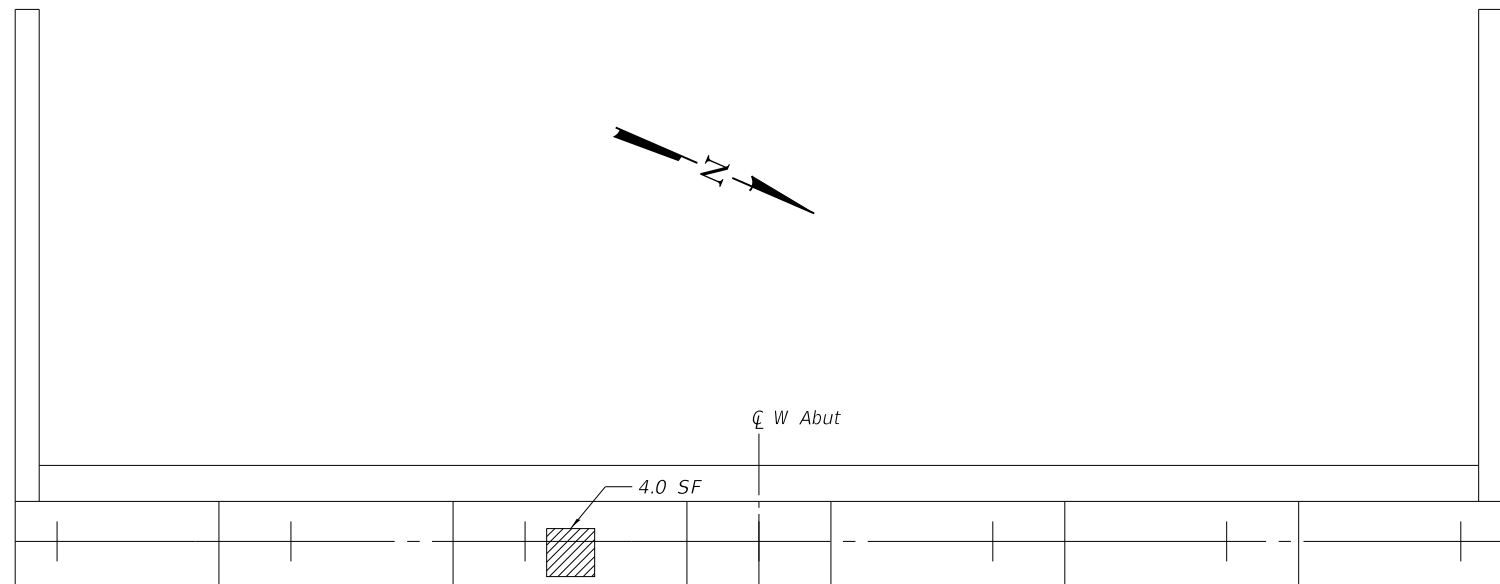


SOUTH FACE
(Looking North)

NORTH FACE
(Looking South)





EAST FACE
(Looking West)



PLAN

LEGEND

-  Structural Repair of Concrete (Depth ≤ 5")
-  Epoxy Crack Injection

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|-------------------------------------------------------------------|---------|----------|
| Structural Repair of Concrete (Depth Equal to or Less Than 5") | Sq. Ft. | 34.6 |
| Epoxy Crack Injection | Ft. | 47.6 |

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KANE COUNTY
DOT177946
FABIAN PARKWAY11
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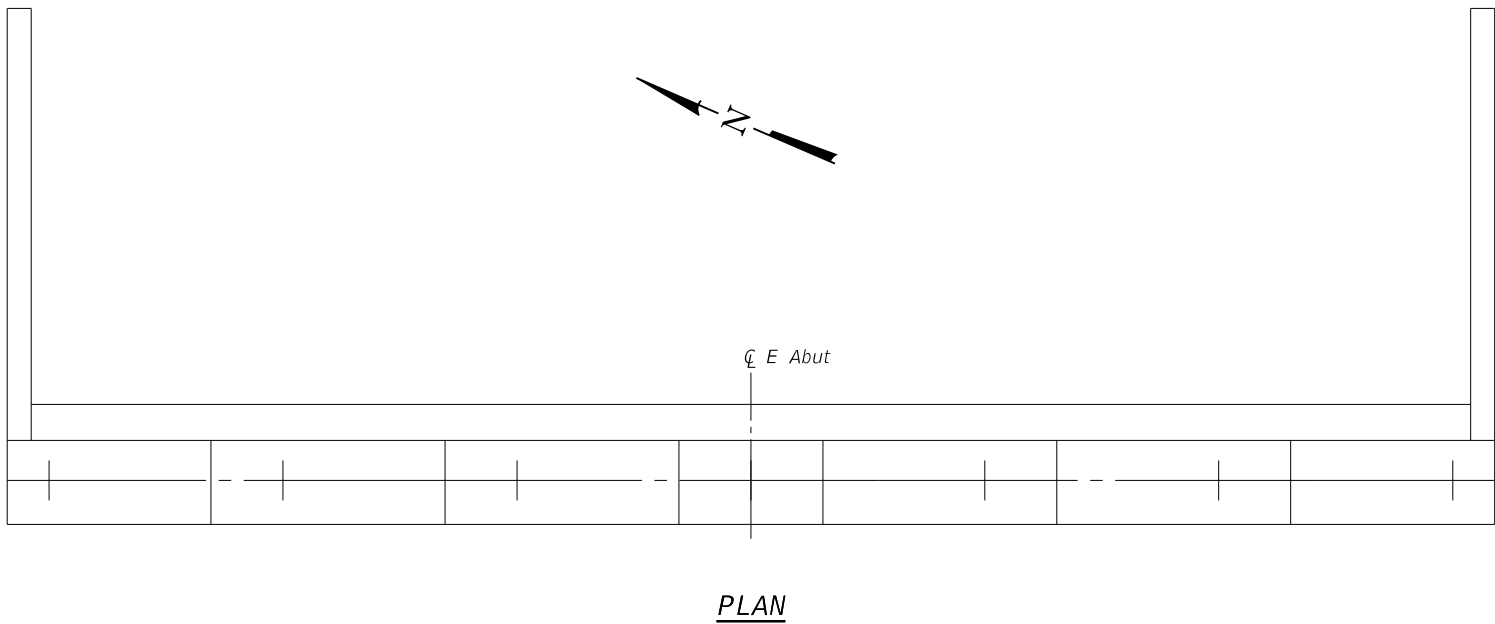
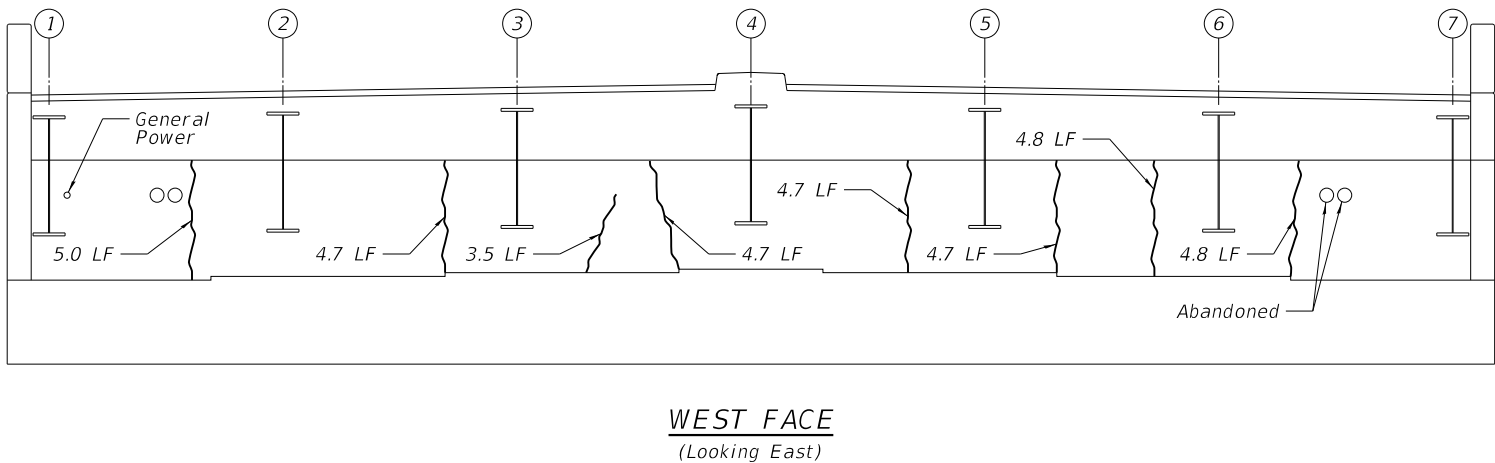
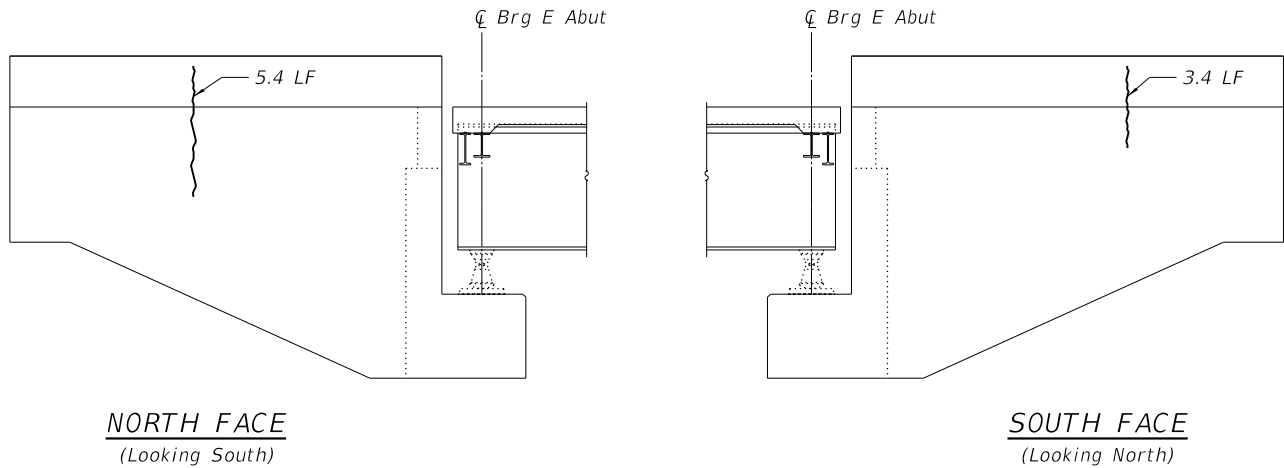
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| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

**KANE COUNTY
DIVISION OF TRANSPORTATION**

**WEST ABUTMENT REPAIR PLANS
STRUCTURE NO. 045-3097**

SCALE: NONE SHEET 00 OF 00 SHEETS STA. TO STA.

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 31 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

~~~~~ Epoxy Crack Injection

| BILL OF MATERIAL      |      |          |
|-----------------------|------|----------|
| ITEM                  | UNIT | QUANTITY |
| Epoxy Crack Injection | Ft.  | 49.1     |

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Stanley Consultants Inc.  
100 West Madison Avenue, Suite 1100, Chicago, Illinois 60601-3000  
Tel: 312.235.1000 Fax: 312.235.1001  
www.stanleyconsultants.com



|                                   |                   |           |
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|                                   | DRAWN - RTT       | REVISED - |
| PLOT SCALE = 0:2.0000" = 1" / in. | CHECKED - DSE     | REVISED - |
| PLOT DATE = 10/31/2018            | DATE - 10-31-2018 | REVISED - |

**KANE COUNTY  
DIVISION OF TRANSPORTATION**

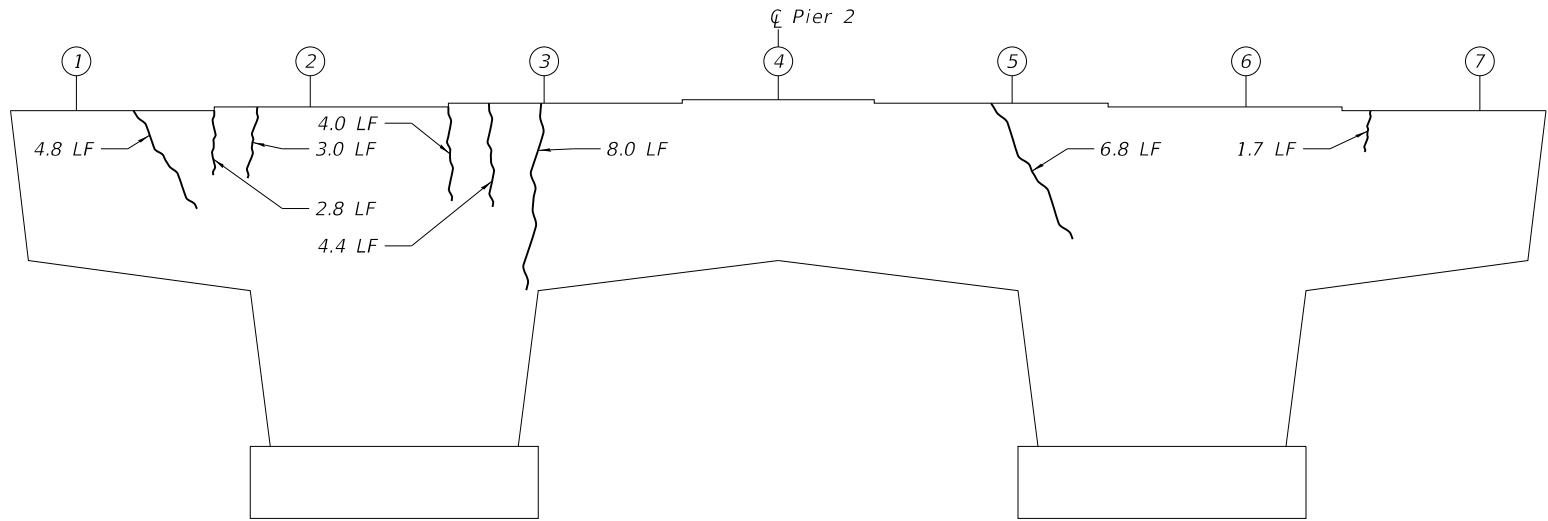
**EAST ABUTMENT REPAIR PLANS  
STRUCTURE NO. 045-3097**

SCALE: NONE SHEET 00 OF 00 SHEETS STA. TO STA.

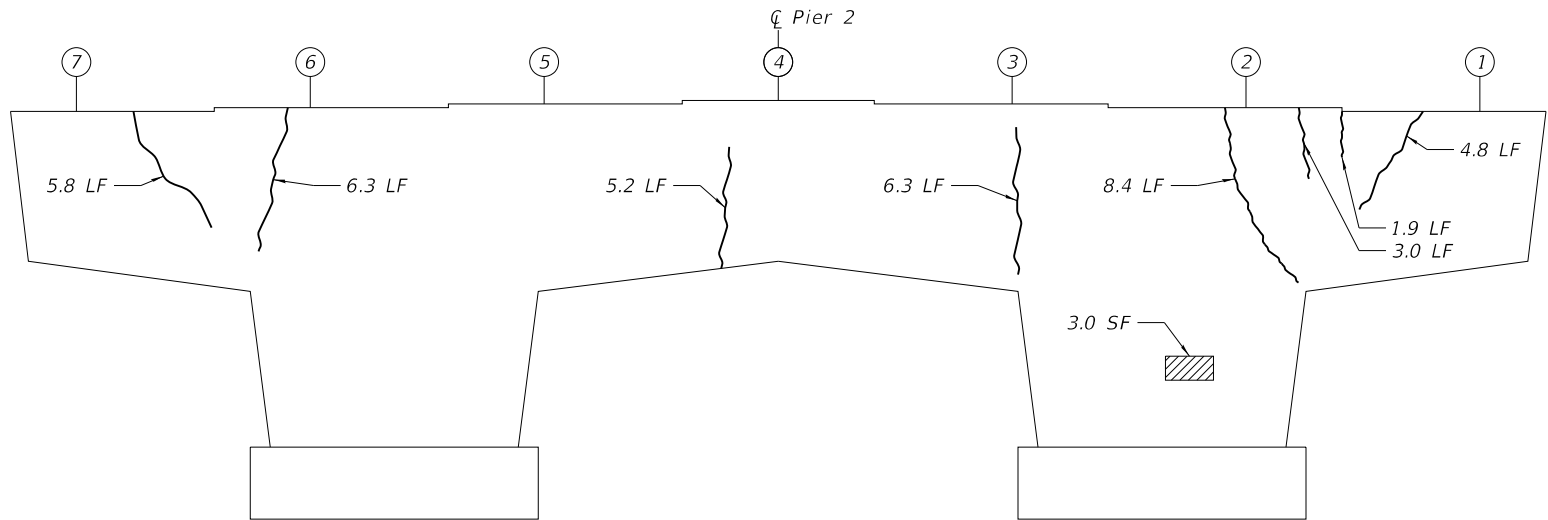
| C.H.                      | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8                         | 17-00479-00-BR | KANE   | 57           | 32        |
| CONTRACT NO.              |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |



MODEL P1  
FILE NAME: g:\usclp\pwin\tec3\stanleygroup.com\data\source\1\documents\kane\_county\_dot177946 - Fabian Parkway\11-CADD\05-CADD\_Sheets\_Structural\045-3097-PIR-002-Pier1.dgn





WEST FACE  
(Looking East)



EAST FACE  
(Looking West)

LEGEND

-  Structural Repair of Concrete (Depth ≤ 5")
-  Epoxy Crack Injection

BILL OF MATERIAL

| ITEM                                                              | UNIT    | QUANTITY |
|-------------------------------------------------------------------|---------|----------|
| Structural Repair of Concrete<br>(Depth Equal to or Less Than 5") | Sq. Ft. | 2.0      |
| Epoxy Crack Injection                                             | Ft.     | 77.2     |



|                                    |                   |           |
|------------------------------------|-------------------|-----------|
| USER NAME = 3690                   | DESIGNED - CSP    | REVISED - |
|                                    | DRAWN - RTT       | REVISED - |
| PLOT SCALE = 0:2.0000 " = 1" / in. | CHECKED - DSE     | REVISED - |
| PLOT DATE = 10/31/2018             | DATE - 10-31-2018 | REVISED - |

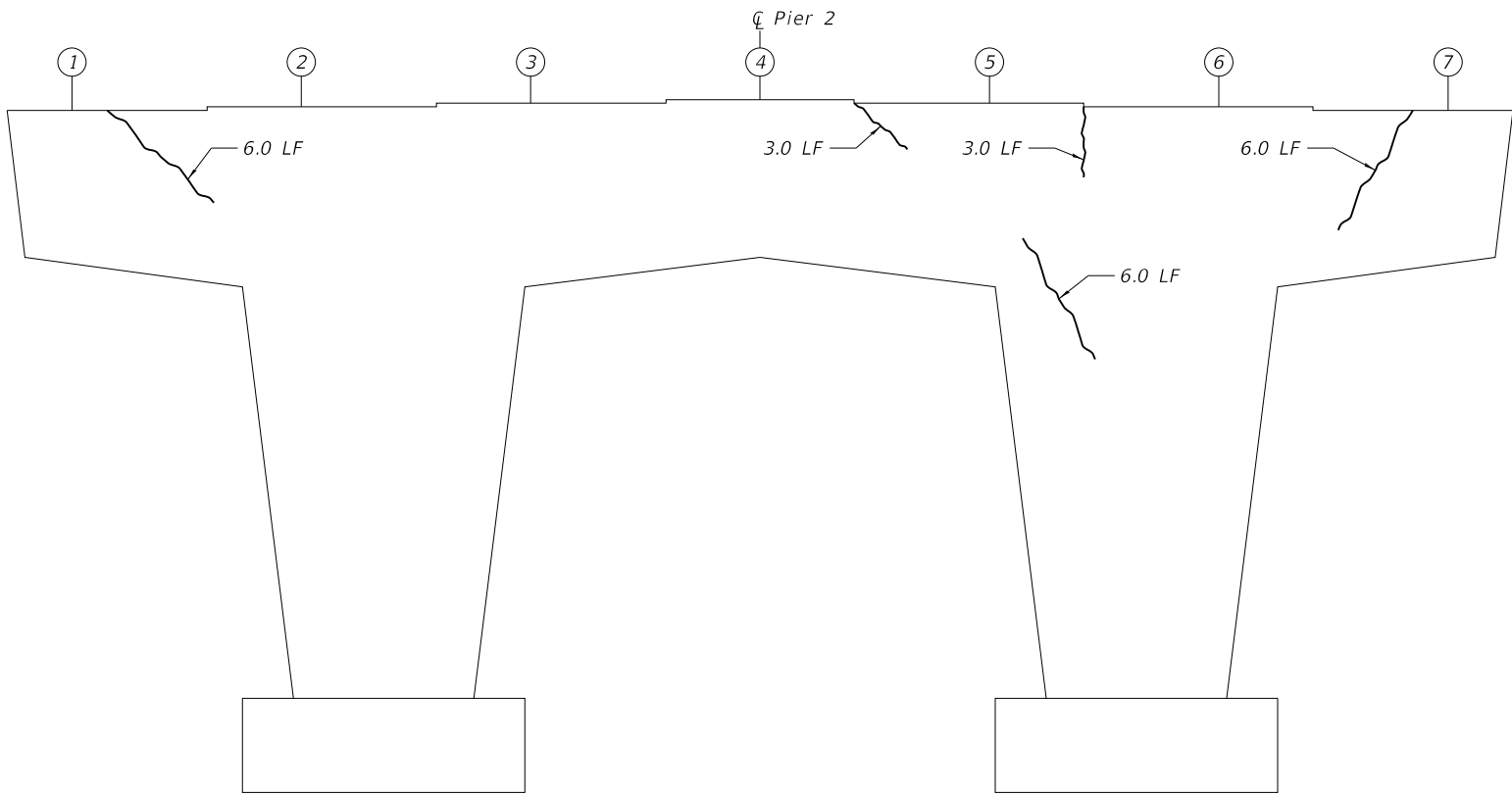
**KANE COUNTY  
DIVISION OF TRANSPORTATION**

**PIER 1 REPAIR PLANS  
STRUCTURE NO. 045-3097**

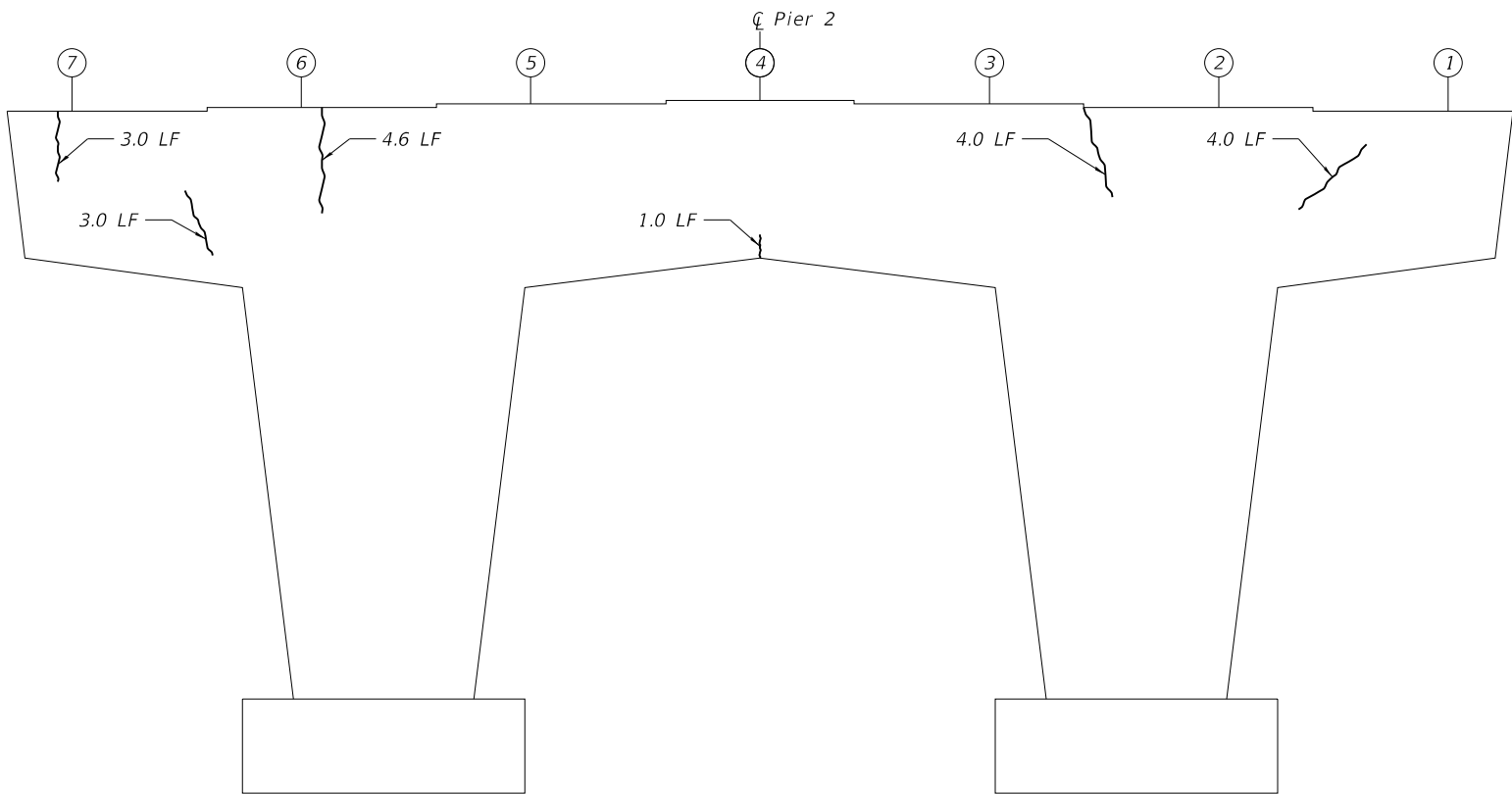
SCALE: NONE    SHEET 00    OF 00    SHEETS    STA.    TO STA.

| C.H.R.                    | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8                         | 17-00479-00-BR | KANE   | 57           | 33        |
| CONTRACT NO.              |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |





**WEST FACE**  
(Looking East)



**EAST FACE**  
(Looking West)

**LEGEND**

~~~~~ Epoxy Crack Injection

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|-----------------------|------|----------|
| Epoxy Crack Injection | Ft. | 43.6 |

MODEL: P2
FILE: \\NAME: gnu\USCLPW\INTEC-3\stanleygroup.com\Data\source-1\Documents\Kane_County_DOT\177946 - Fabian_Parkway\11-CADD\05-CADD_Sheets_Structural\045-3097-2-RH-008-Pier2.dgn



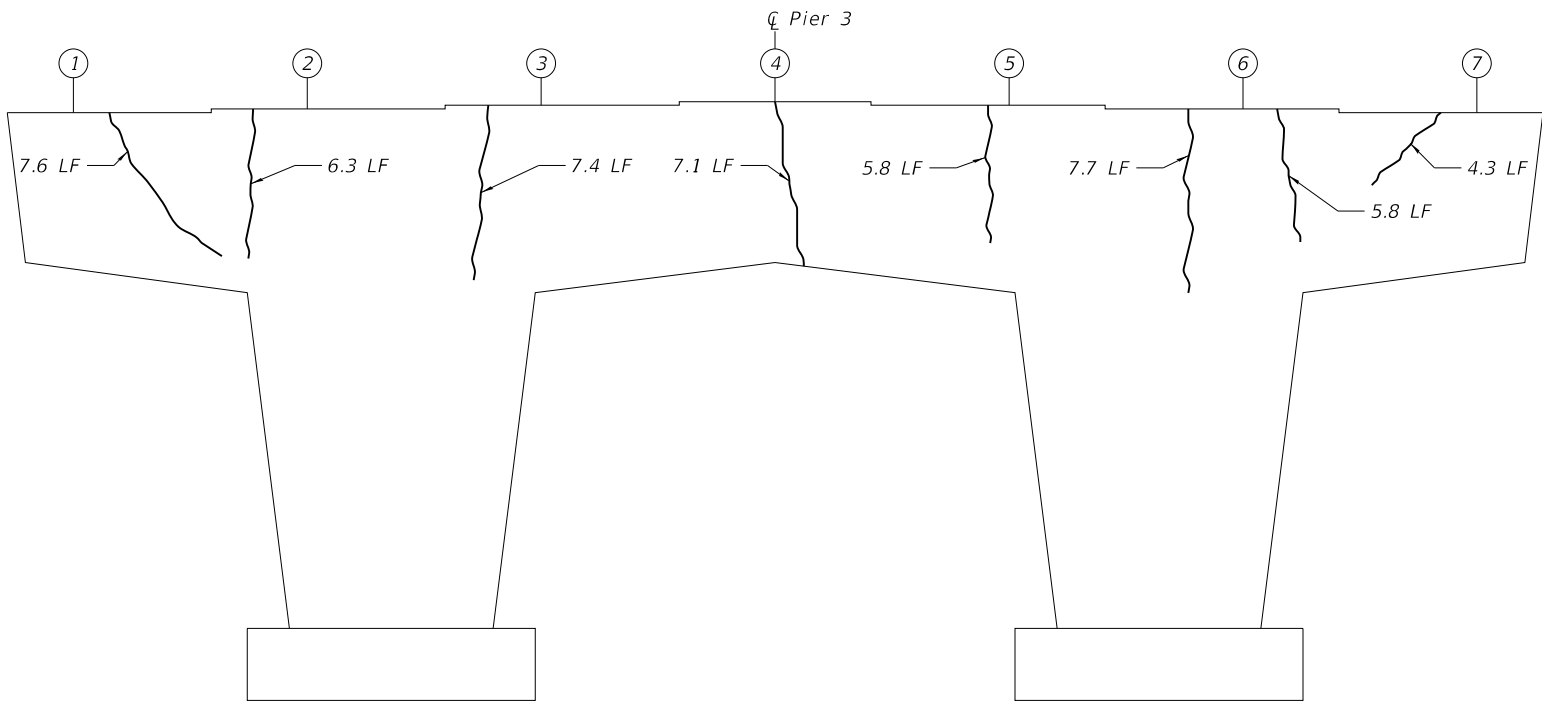
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|--------------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - CSP | REVISED - |
| | DRAWN - RTT | REVISED - |
| PLOT SCALE = 0:2.0000 1" = 10' | CHECKED - DSE | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

**KANE COUNTY
DIVISION OF TRANSPORTATION**

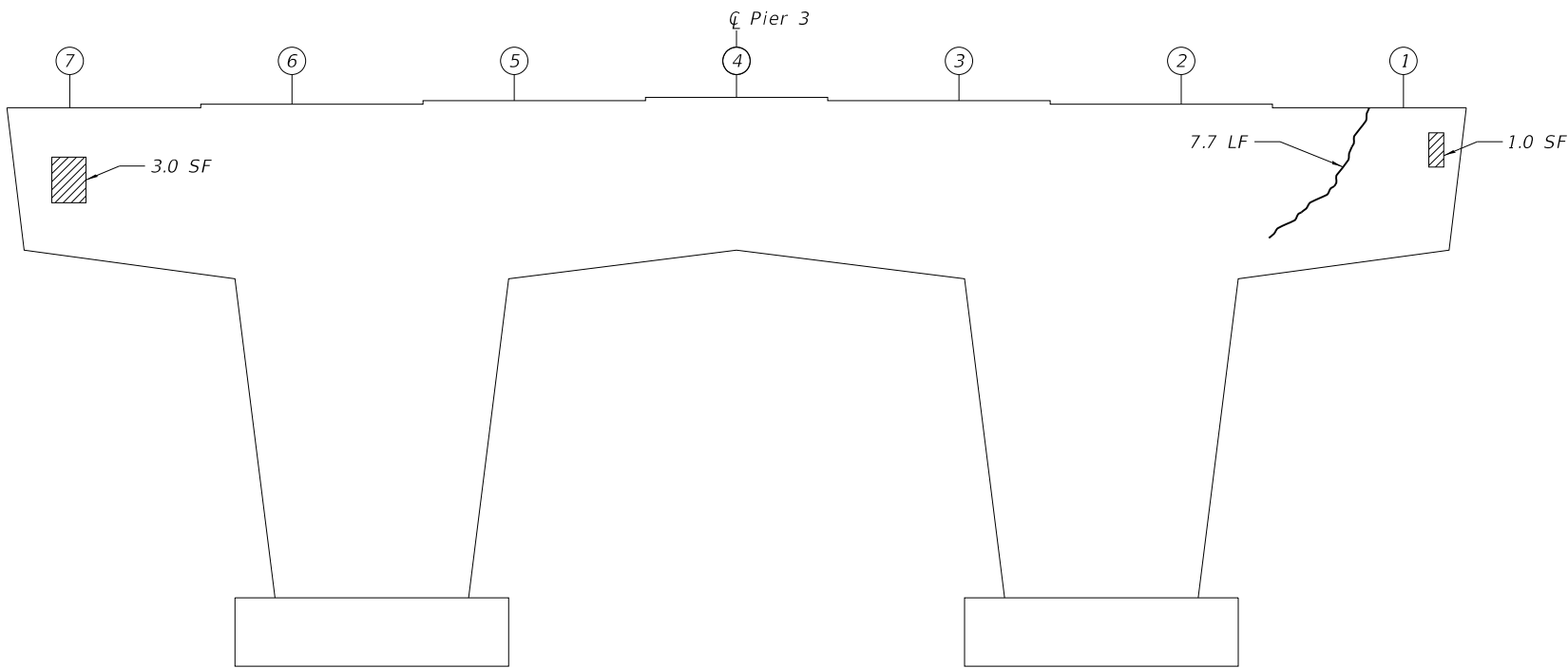
**PIER 2 REPAIR PLANS
STRUCTURE NO. 045-3097**

SCALE: NONE SHEET 00 OF 00 SHEETS STA. TO STA.

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 34 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |





WEST FACE
(Looking East)



EAST FACE
(Looking West)

LEGEND

-  Structural Repair of Concrete (Depth ≤ 5")
-  Epoxy Crack Injection

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|-------------------------------------------------------------------|---------|----------|
| Structural Repair of Concrete (Depth Equal to or Less Than 5") | Sq. Ft. | 3.0 |
| Epoxy Crack Injection | Ft. | 38.5 |

MODEL P3
FILE NAME: g:\us\CLP\WINTG-3\stanleygroup.com\DataSource-1\Documents\Kane_County_DOT177946 - Fabian Parkway\11-CADD\05-CADD_Sheets_Structural\045-3097-2-RH-008-Pier3.dgn



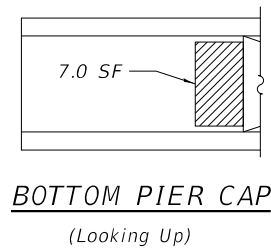
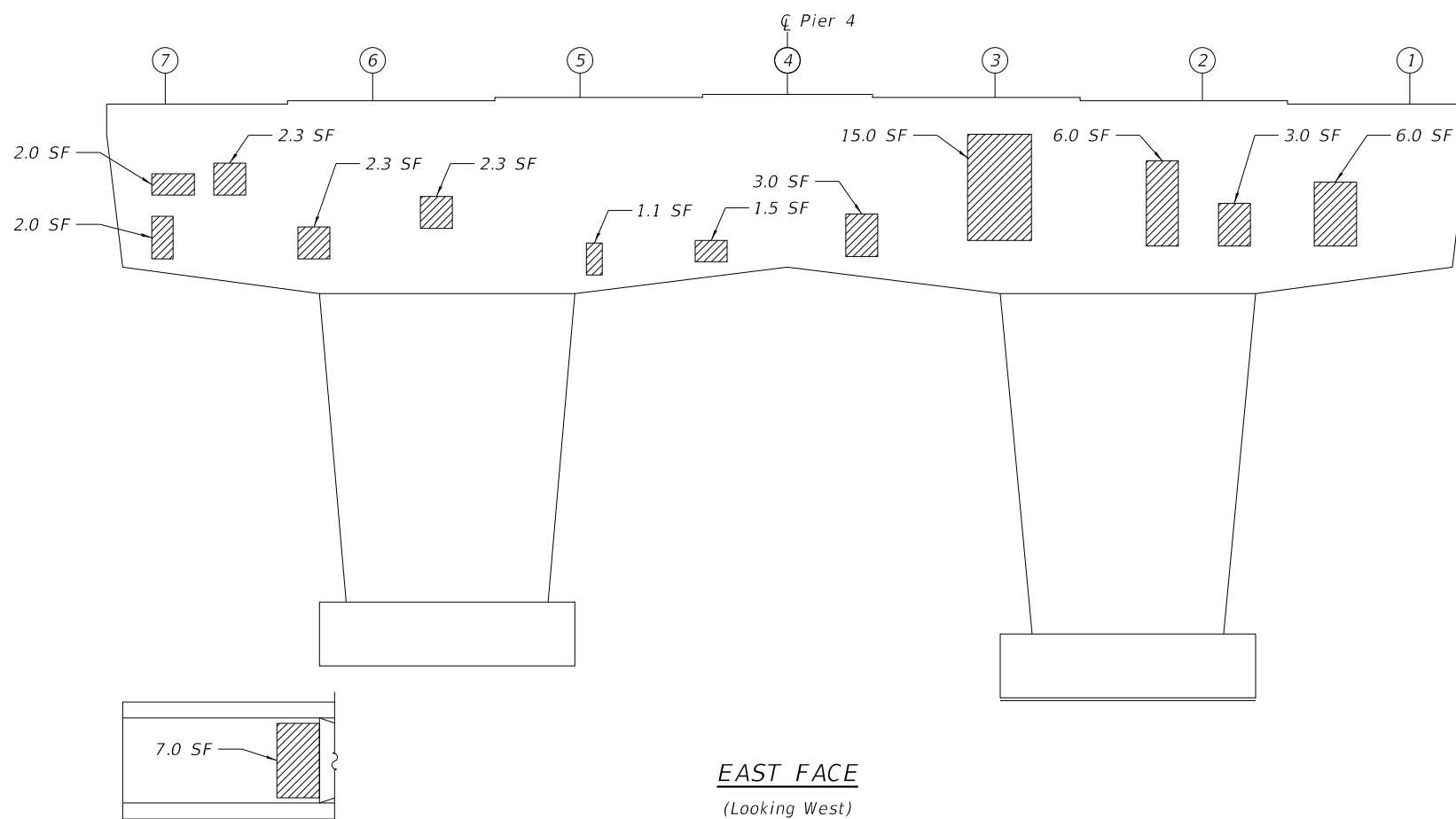
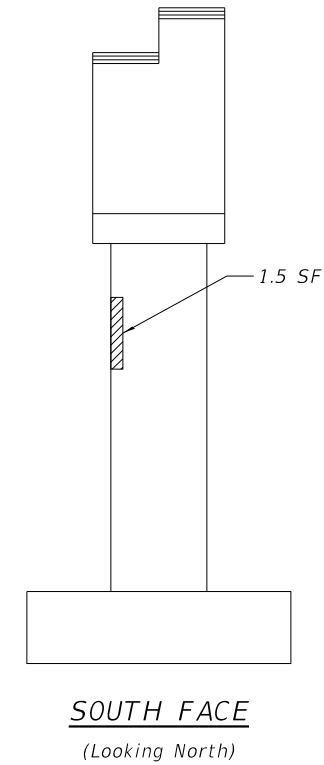
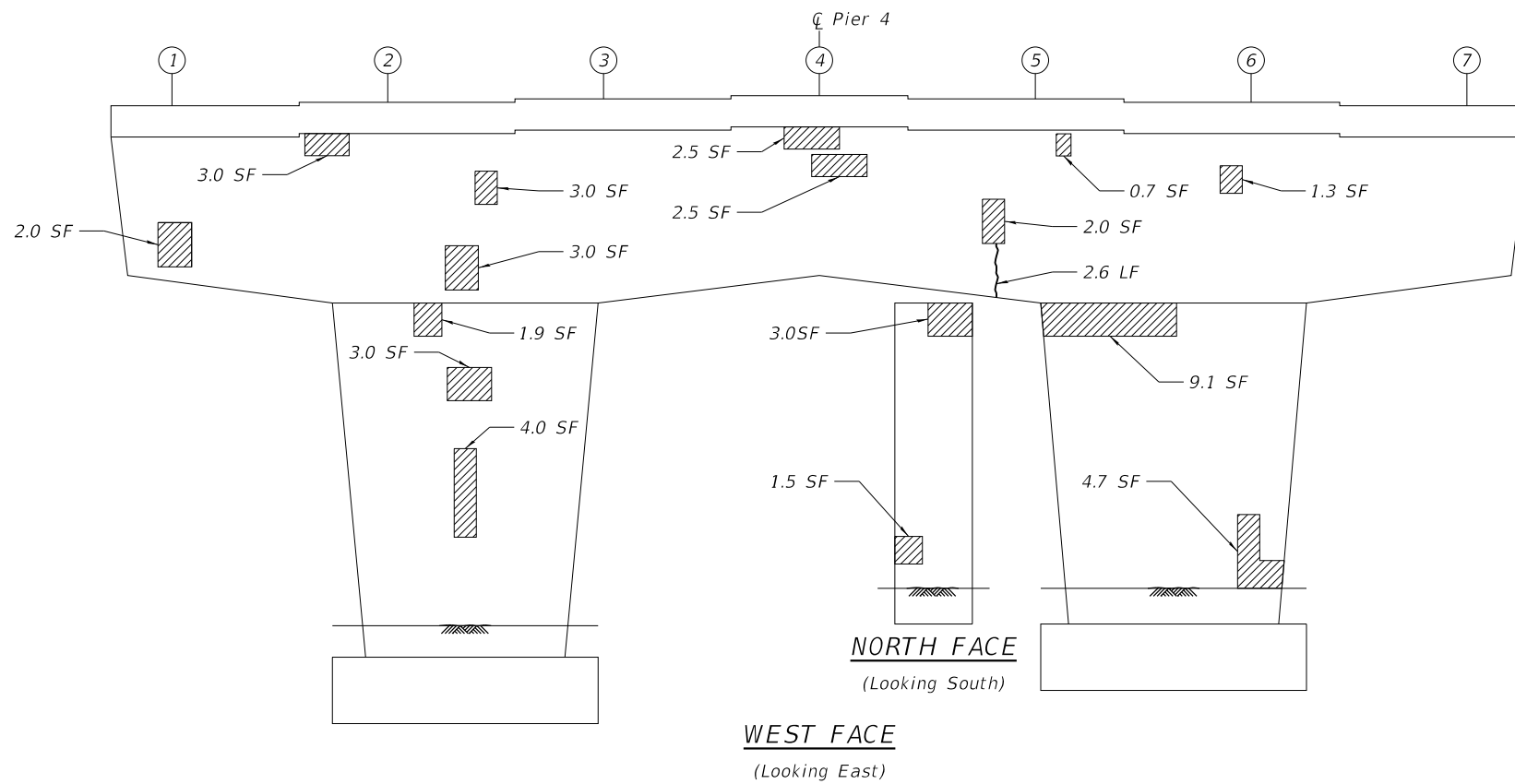
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|------------------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - CSP | REVISED - |
| | DRAWN - RTT | REVISED - |
| PLOT SCALE = 0:2.0000 " = 1" / in. | CHECKED - DSE | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

**KANE COUNTY
DIVISION OF TRANSPORTATION**



**PIER 3 REPAIR PLANS
STRUCTURE NO. 045-3097**

SCALE: NONE SHEET 00 OF 00 SHEETS STA. TO STA.

| C.H.R. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 35 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

-  Structural Repair of Concrete (Depth ≤ 5")
-  Epoxy Crack Injection

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|----------------------------------------------------------------|---------|----------|
| Structural Repair of Concrete (Depth Equal to or Less Than 5") | Sq. Ft. | 92.2 |
| Epoxy Crack Injection | Ft. | 2.6 |

MODEL: R4
FILE: KANE_045-3097-01-Pier4.dgn
Stanley Consultants Inc.
1700 West Higgins Avenue, Suite 100, Chicago, Illinois 60607-3900
Tel: 773.447.8000 Fax: 773.447.8001
www.stanleyconsultants.com



| | |
|------------|-------------------------|
| USER NAME | = 3690 |
| PLOT SCALE | = 0:2.0000 " = 1" / in. |
| PLOT DATE | = 10/31/2018 |

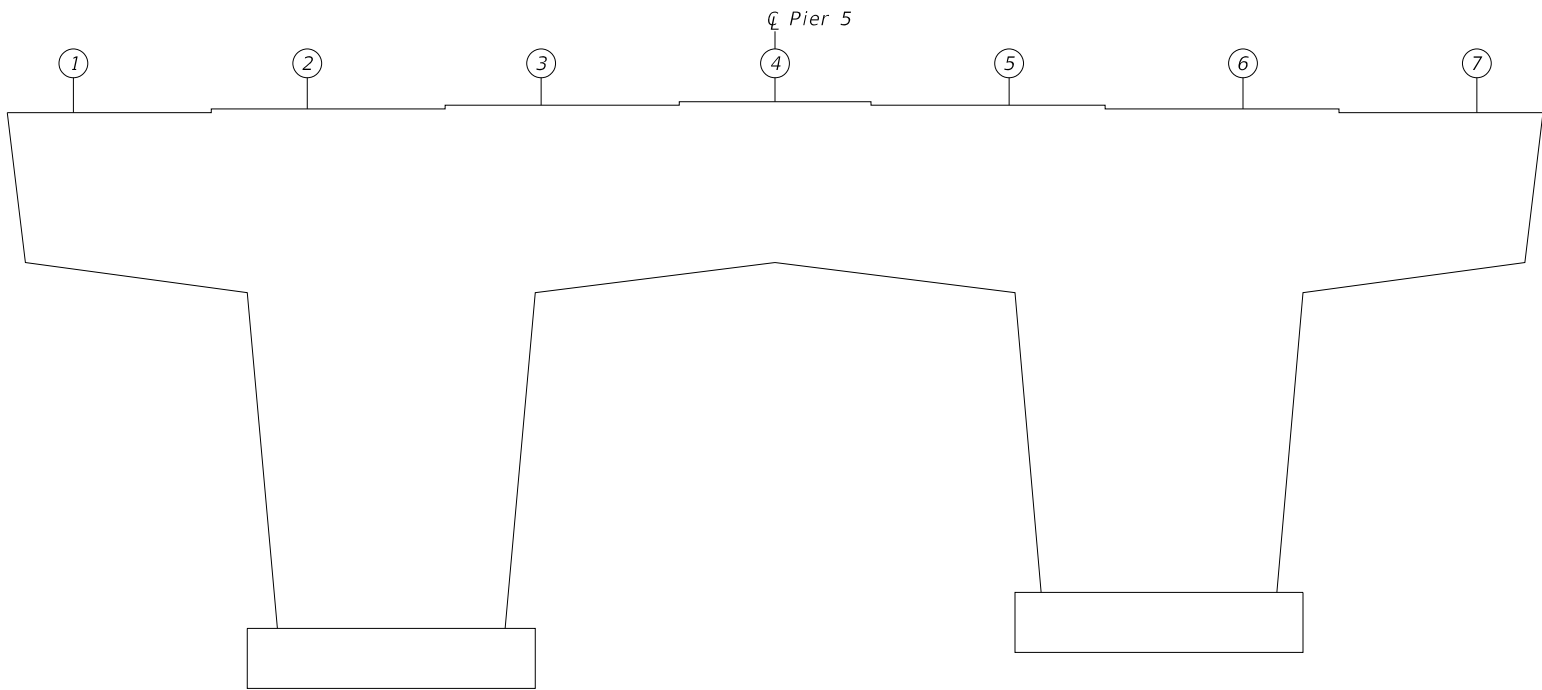
| | |
|------------|------------|
| DESIGNED - | CSP |
| DRAWN - | RTT |
| CHECKED - | DSE |
| DATE - | 10-31-2018 |

| | |
|-----------|--|
| REVISED - | |
| REVISED - | |
| REVISED - | |
| REVISED - | |

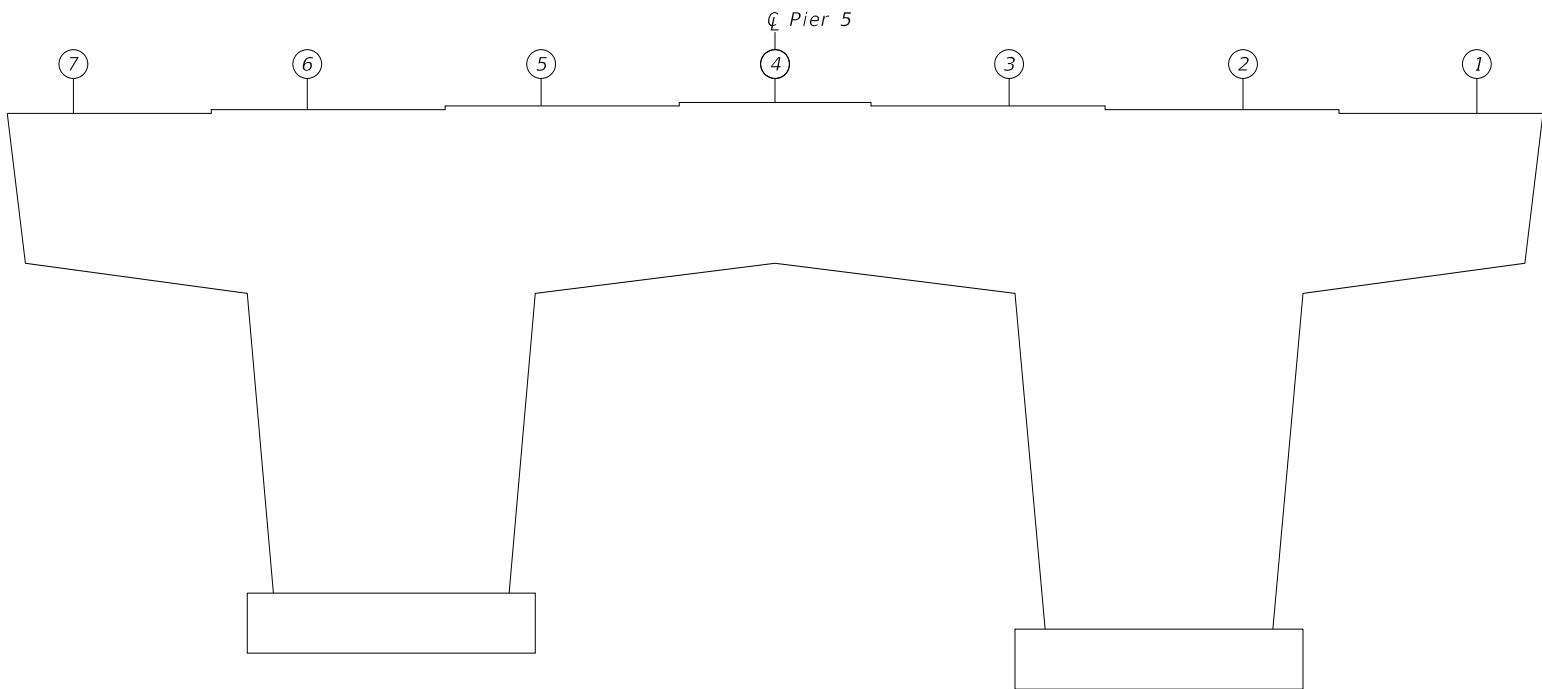
KANE COUNTY
DIVISION OF TRANSPORTATION

| | | | |
|-----------------------------------------------|----------|--------------|--------------|
| PIER 4 REPAIR PLANS STRUCTURE NO. 045-3097 | | | |
| SCALE: NONE | SHEET 00 | OF 00 SHEETS | STA. TO STA. |

| C.H.R. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 36 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



WEST FACE
(Looking East)



EAST FACE
(Looking West)

NOTE:
No deficiencies on pier.

MODEL: P5
FILE: \\msc-us\sculpw\ntec\3.stanleygroup.com\Data\source\1\Documents\Kane_County_DOT\17946 - Fabian Parkway\11-CADD\05-CADD_Sheets_Structural\045-3097-2\HT-011-Pier5.dgn



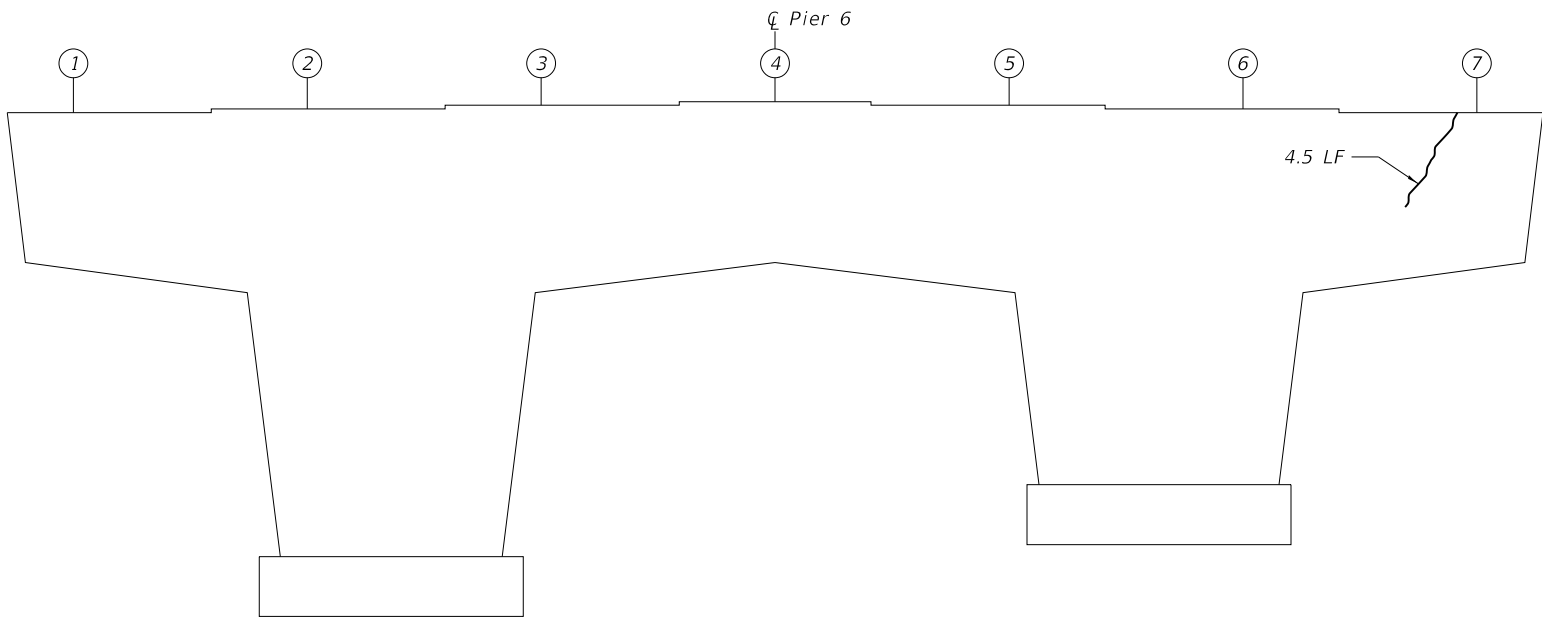
| | | |
|------------------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - CSP | REVISED - |
| | DRAWN - RTT | REVISED - |
| PLOT SCALE = 0:2.0000 " = 1" / in. | CHECKED - DSE | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

**KANE COUNTY
DIVISION OF TRANSPORTATION**

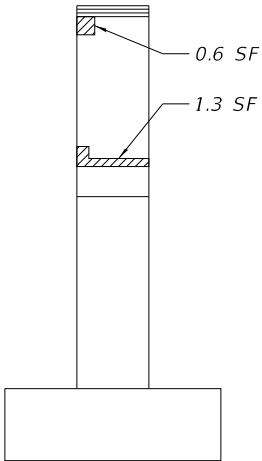
**PIER 5 REPAIR PLANS
STRUCTURE NO. 045-3097**

SCALE: NONE SHEET 00 OF 00 SHEETS STA. TO STA.

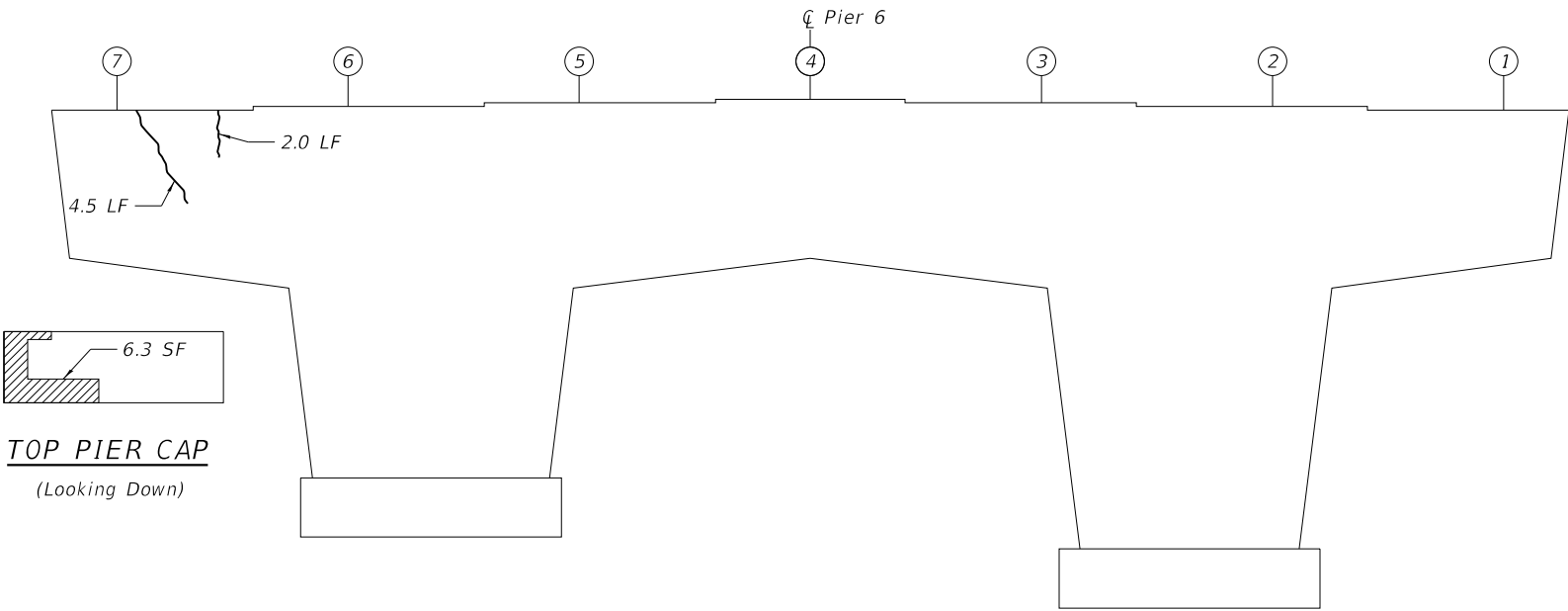
| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 37 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



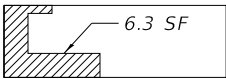
WEST FACE
(Looking East)



SOUTH FACE
(Looking North)





EAST FACE
(Looking West)



TOP PIER CAP
(Looking Down)

LEGEND

-  Structural Repair of Concrete (Depth ≤ 5")
-  Epoxy Crack Injection

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|-------------------------------------------------------------------|---------|----------|
| Structural Repair of Concrete (Depth Equal to or Less Than 5") | Sq. Ft. | 8.2 |
| Epoxy Crack Injection | Ft. | 9.0 |

MODEL: R5
FILE: K:\Users\jwal\OneDrive\Documents\Kane_County_DOT\171946 - Fabian Parkway\11-CADD\05-CADD_Sheets_Structural\045-3097-2-R1013-Pier6.dgn



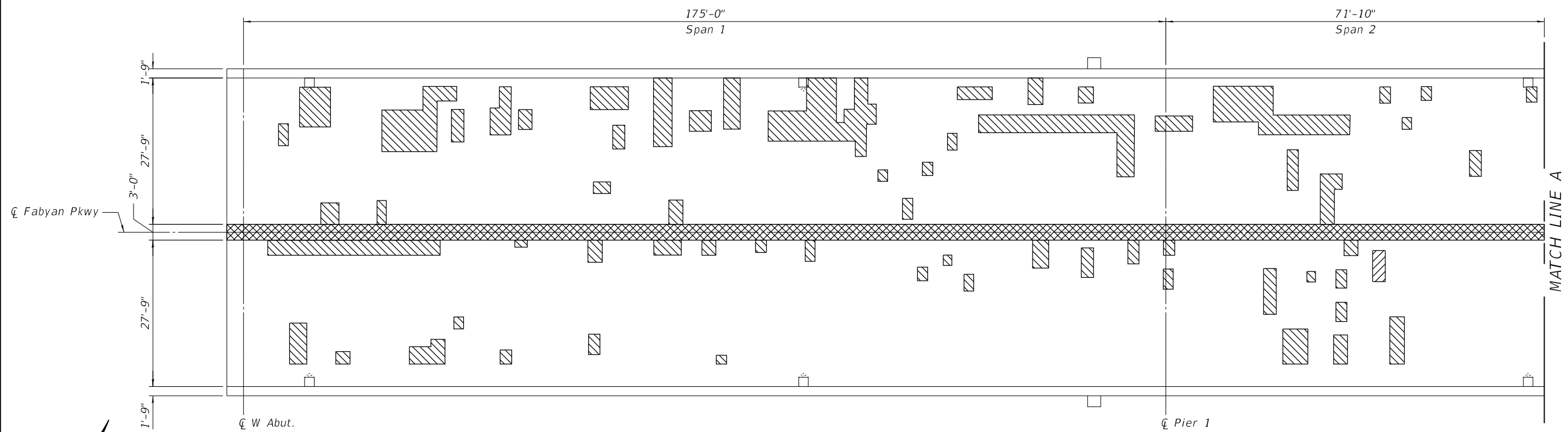
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|------------------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - CSP | REVISED - |
| | DRAWN - RTT | REVISED - |
| PLOT SCALE = 0:2.0000 " = 1" / in. | CHECKED - DSE | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

**KANE COUNTY
DIVISION OF TRANSPORTATION**

**PIER 6 REPAIR PLANS
STRUCTURE NO. 045-3097**

SCALE: NONE SHEET 00 OF 00 SHEETS STA. TO STA.

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 38 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



PLAN



PLAN

LEGEND

- | | |
|---------------------------------------------------------------------------------------|----------------------------------------------|
|  | <i>Deck Slab Repair (Partial)</i> |
|  | <i>Deck Slab Repair (Full Depth, Type 2)</i> |
|  | <i>Concrete Median Removal</i> |

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|----------------------------------------|---------|----------|
| Deck Slab Repair (Full Depth, Type II) | Sq. Ft. | 122.2 |
| Deck Slab Repair (Partial) | Sq. Ft. | 3,363.7 |



| | | |
|---------------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - CSP | REVISED - |
| | DRAWN - RTT | REVISED - |
| PLOT SCALE = 0:2.0000 "x" / in. | CHECKED - DSE | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY DIVISION OF TRANSPORTATION

DECK REPAIR PLANS 1 OF 3
STRUCTURE NO. 045-3097

| | | | | | |
|-------------|----------|-------|--------|------|---------|
| SCALE: NONE | SHEET 00 | OF 00 | SHEETS | STA. | TO STA. |
|-------------|----------|-------|--------|------|---------|

| | | | | |
|-------|----------------|------------------|--------------|-----------|
| C.H.# | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 8 | 17-00479-00-BR | KANE | 57 | 40 |
| | | CONTRACT NO. | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL Deck 2
FILE Name: s:\CLP\WINTERC-3\stanleygroup.com\datasource-1\Documents\Kane_County_DOT177946 - Fabian Parkway\11-CADD\05-CADD_Sheets_Structural\045-3097-2-RH-015-Deck2.dgn



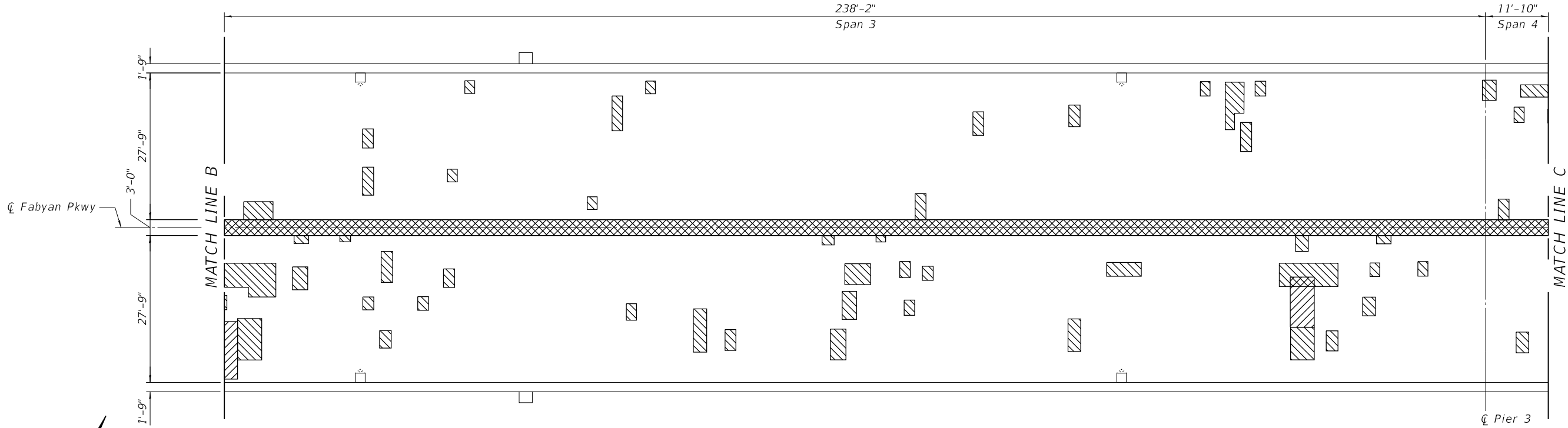
| | | |
|------------------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - CSP | REVISED - |
| | DRAWN - RTT | REVISED - |
| PLOT SCALE = 0:2.0000 " = 1" / in. | CHECKED - DSE | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY
DIVISION OF TRANSPORTATION

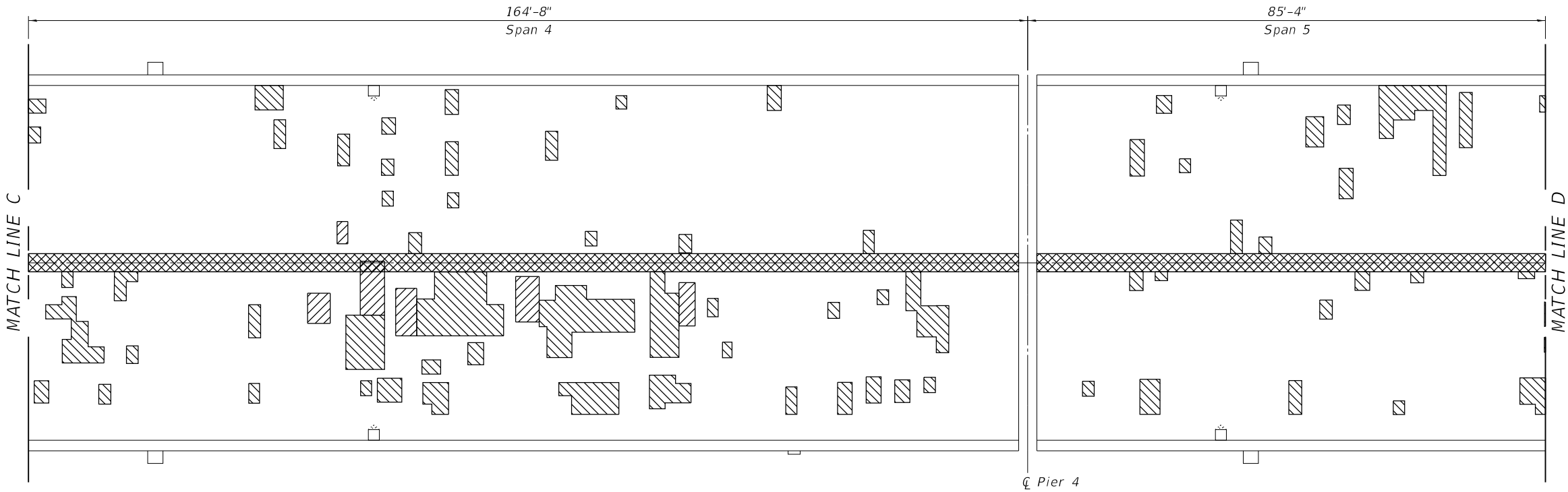
DECK REPAIR PLANS 2 OF 3
STRUCTURE NO. 045-3097

SCALE: NONE SHEET 00 OF 00 SHEETS STA. TO STA.

| C.H.# | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 41 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



PLAN



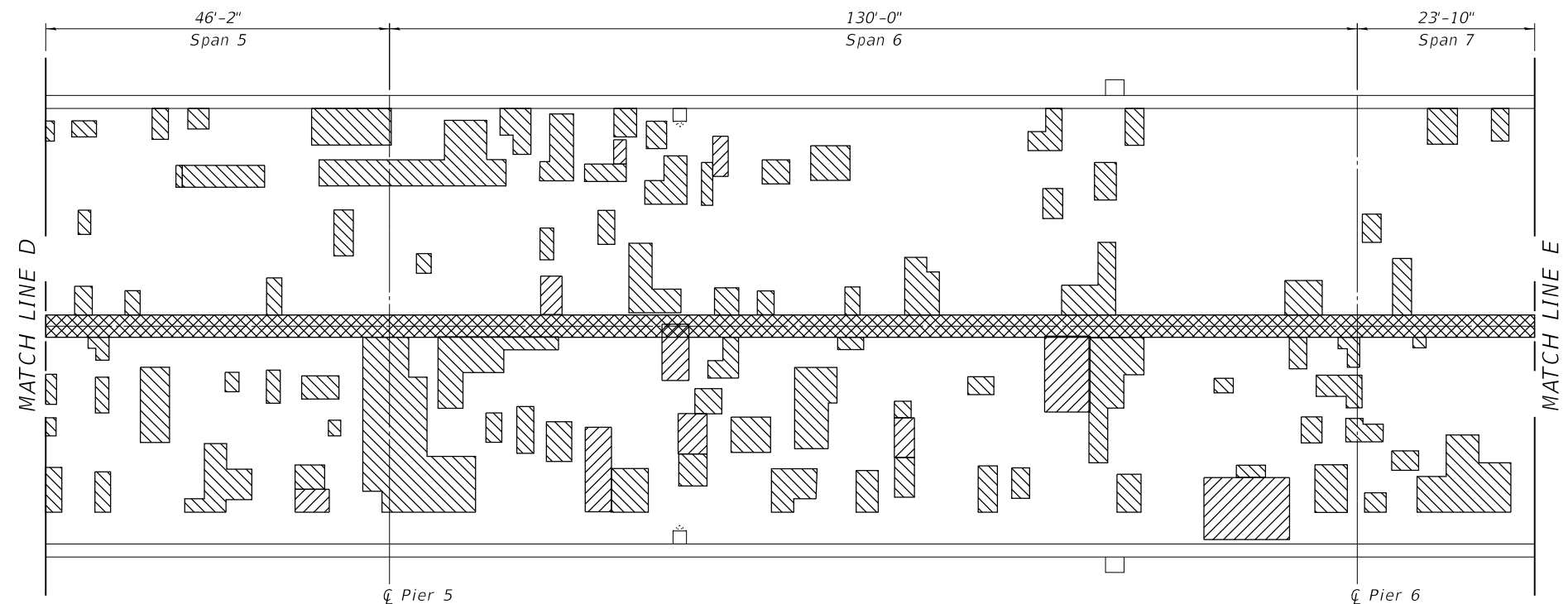
PLAN

LEGEND

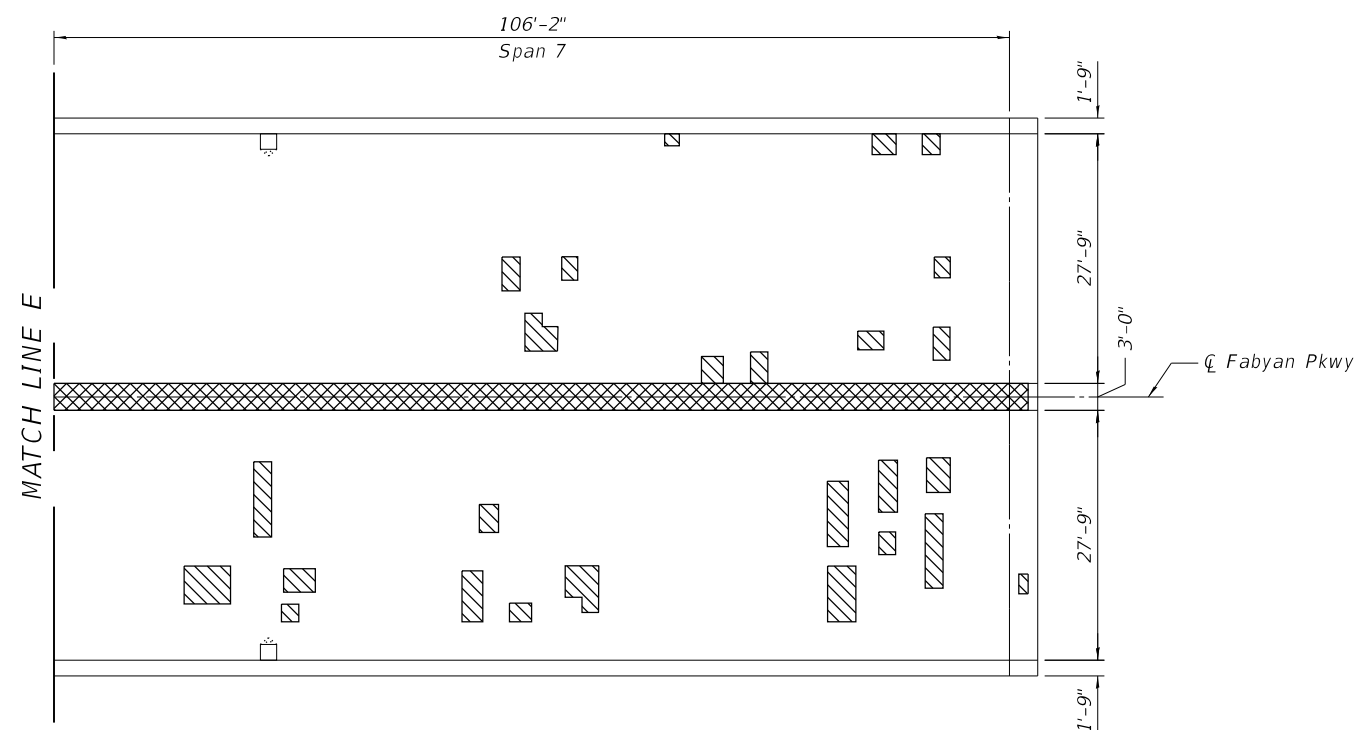
- Deck Slab Repair (Partial)
- Deck Slab Repair (Full Depth, Type 2)
- Concrete Median Removal

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|----------------------------------------|---------|----------|
| Deck Slab Repair (Full Depth, Type II) | Sq. Ft. | 179.1 |
| Deck Slab Repair (Partial) | Sq. Ft. | 1705.7 |



PLAN



PLAN

LEGEND

- Deck Slab Repair (Partial)
- Deck Slab Repair (Full Depth, Type 2)
- Concrete Median Removal

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|----------------------------------------|---------|----------|
| Deck Slab Repair (Full Depth, Type II) | Sq. Ft. | 305.9 |
| Deck Slab Repair (Partial) | Sq. Ft. | 2,078.7 |

MODEL Deck 3
 FILE Name: p:\usclp\winTEC-3\stanleygroup.com\data\source-1\Documents\Kane_County_D01727946 - Fabyan Parkway\11-CADD\05-CADD_Sheets_Structural\045-2017-2-RT-016-Deck3.dgn



| | | |
|------------------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - CSP | REVISED - |
| | DRAWN - RTT | REVISED - |
| PLOT SCALE = 0:2.0000 " = 1" / in. | CHECKED - DSE | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

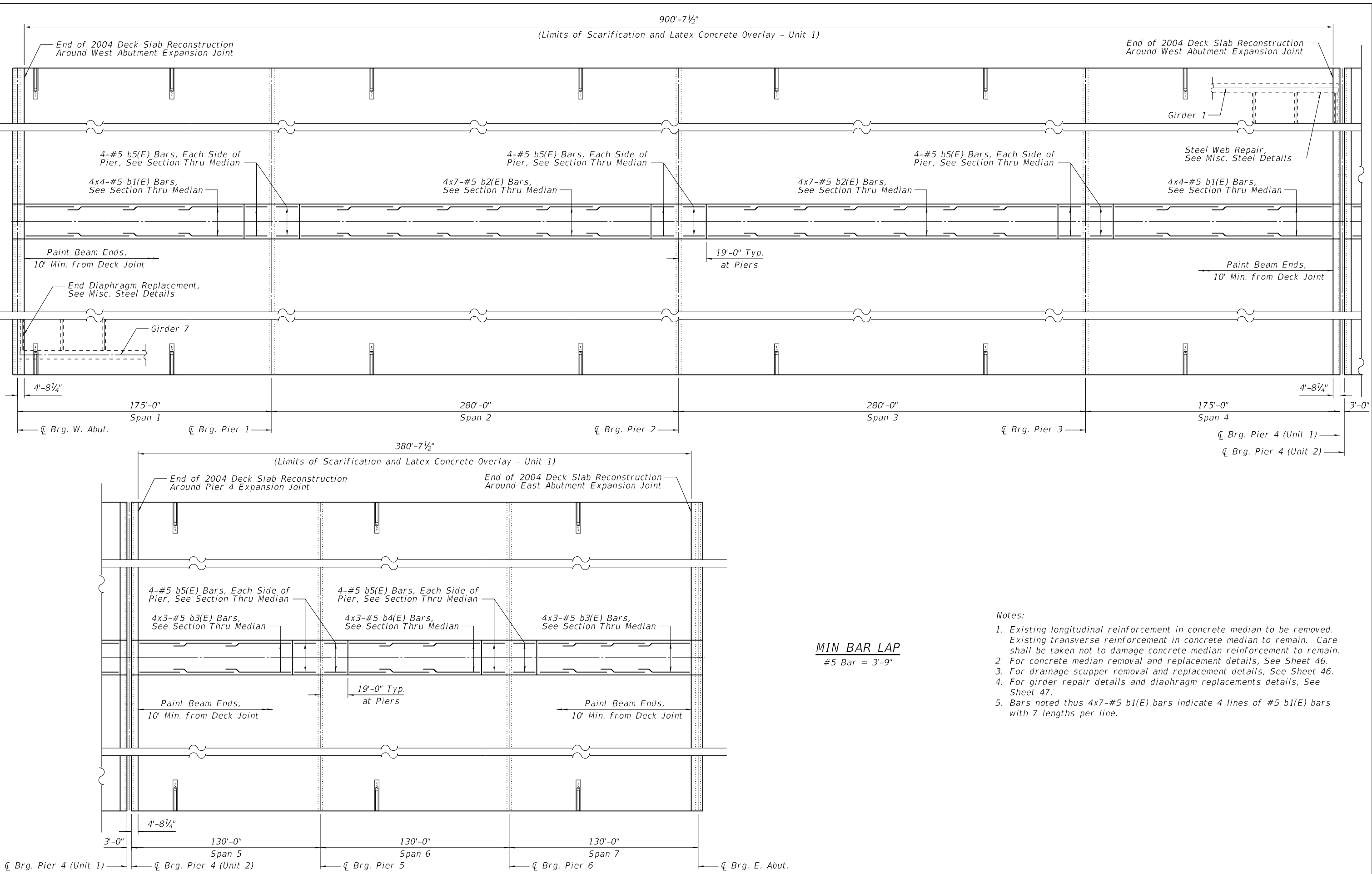
KANE COUNTY
 DIVISION OF TRANSPORTATION

DECK REPAIR PLANS 3 OF 3
 STRUCTURE NO. 045-3097

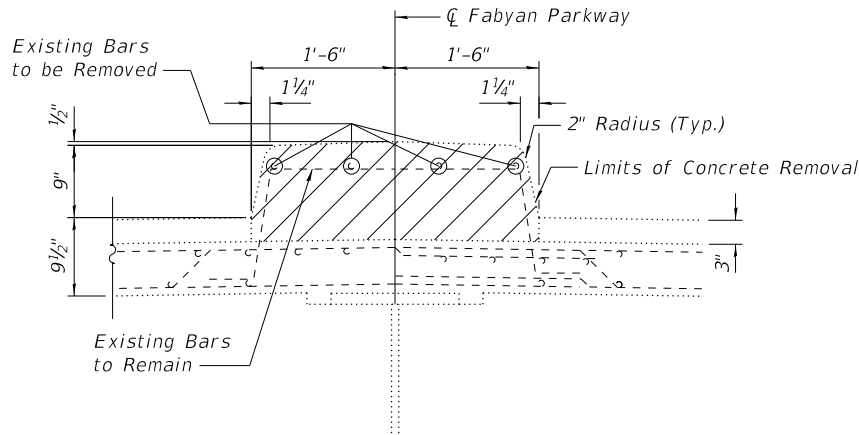
| | | | | | |
|-------------|----------|-------|--------|------|---------|
| SCALE: NONE | SHEET 00 | OF 00 | SHEETS | STA. | TO STA. |
|-------------|----------|-------|--------|------|---------|

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 42 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

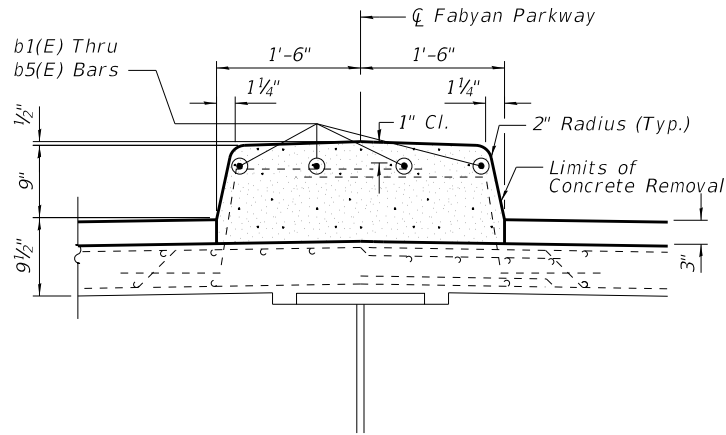
MODEL: Melton
FILE: \\miller\proj\USC\LP\WINTG-3\stanleygroup.com\DataSource-1\Documents\Kane County DOT172946 - Fabian Parkway\11-CADD\05-CADD_Sheets_Structural\045-3092-RH-017-Median_1.dgn
Stanley Consultants INC.
100 West Maple Road Suite 150 Chicago, Illinois 60601
Tel: 773.399.8800 Fax: 773.399.8801
www.stanleyconsultants.com



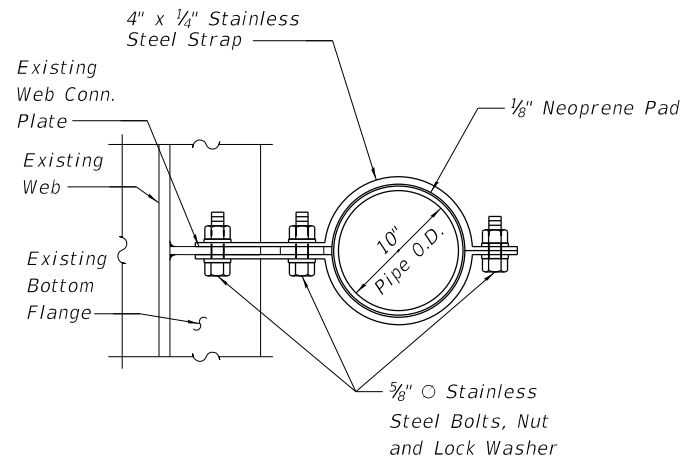
- Notes:
- Existing longitudinal reinforcement in concrete median to be removed. Existing transverse reinforcement in concrete median to remain. Care shall be taken not to damage concrete median reinforcement to remain.
 - For concrete median removal and replacement details, See Sheet 46.
 - For drainage scupper removal and replacement details, See Sheet 46.
 - For girder repair details and diaphragm replacements details, See Sheet 47.
 - Bars noted thus 4x7-#5 b1(E) bars indicate 4 lines of #5 b1(E) bars with 7 lengths per line.



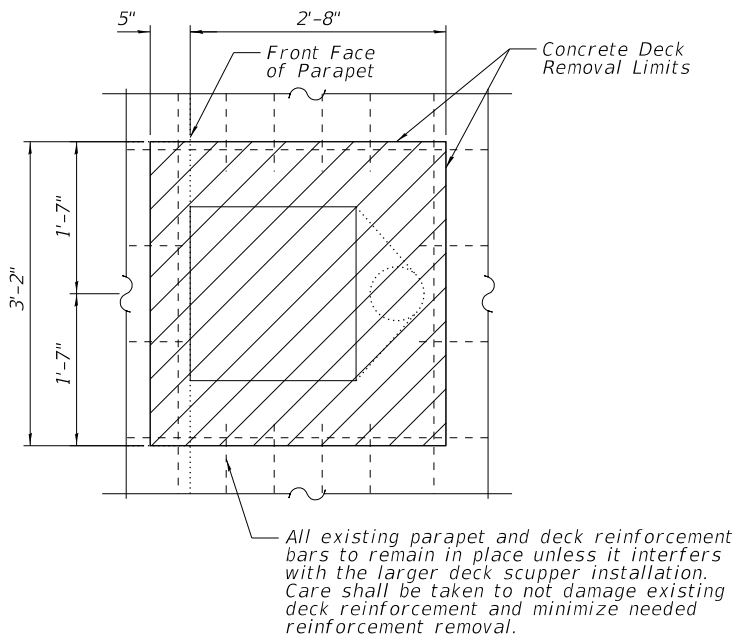
STAGE 1 CONCRETE MEDIAN REMOVAL



STAGE 1 CONCRETE MEDIAN REPLACEMENT

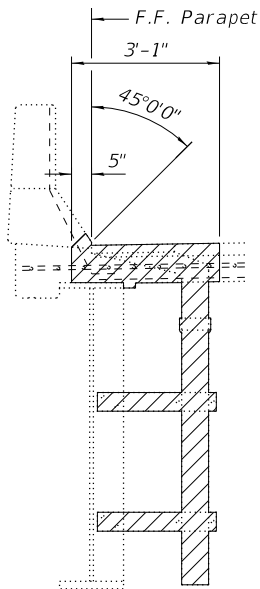


SECTION A-A
DRAIN PIPE SUPPORT DETAIL

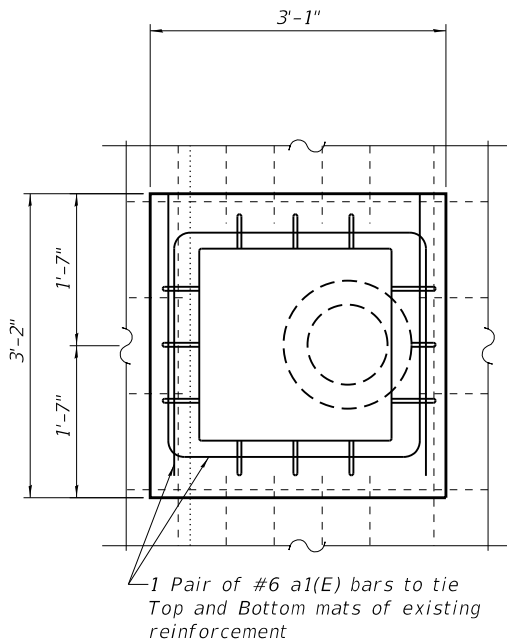


PLAN

EXISTING DRAINAGE STRUCTURE REMOVAL
(20 Locations)

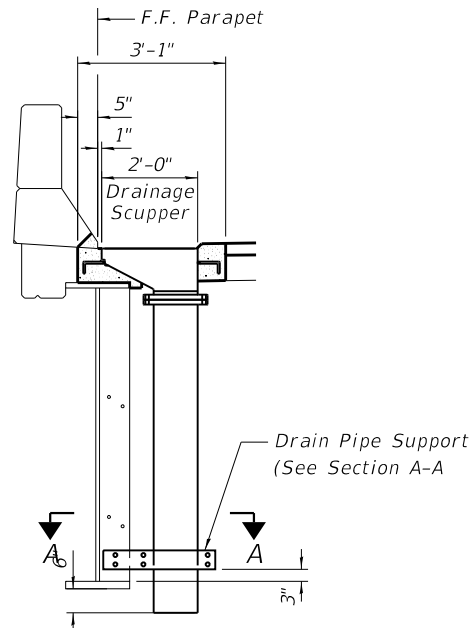


ELEVATION



PLAN

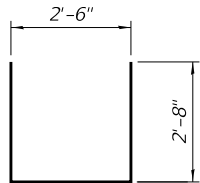
DRAINAGE STRUCTURE REPLACEMENT
(20 Locations)



ELEVATION

SUPERSTRUCTURE
BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|----------------------------------------------------|-----|------|---------|-------|
| b1(E) | 32 | #5 | 40'-7" | — |
| b2(E) | 56 | #5 | 37'-9" | — |
| b3(E) | 24 | #5 | 37'-10" | — |
| b4(E) | 12 | #5 | 33'-1" | — |
| b5(E) | 40 | #5 | 18'-8" | — |
| a1(E) | 80 | #6 | 7'-10" | ⌞ |
| Concrete Removal | | | Cu Yd | 116 |
| Concrete Superstructure | | | Cu Yd | 120 |
| Bridge Deck Grooving | | | Sq Yd | 7,493 |
| Protective Coat | | | Sq Yd | 8,075 |
| Cleaning And Painting Structural Steel, Location 1 | | | L Sum | 1 |
| Cleaning And Painting Structural Steel, Location 2 | | | L sum | 1 |
| Cleaning And Painting Structural Steel, Location 3 | | | L sum | 1 |
| Cleaning And Painting Structural Steel, Location 4 | | | L sum | 1 |
| Reinforcement Bars, Epoxy Coated | | | Pound | 6,650 |
| Bridge Deck Latex Concrete Overlay, 3 Inches | | | Sq Yd | 8,075 |
| Bridge Deck Scarification 3" | | | Sq Yd | 8,511 |
| Drainage Scuppers, Ds-12M10 | | | Each | 20 |



BAR a1(E)

MODEL: Superstructure
FILE: \\miller\paw\USC\WINTEG\3-stanleygroup.com\045-3097-2\H-018-Super.dgn
Stanley Consultants INC.
100 West Higgins Road, Suite 150, Chicago, Illinois 60690-3900
Phone: 773.744.8800
Fax: 773.744.8801
www.stanleyconsultants.com



| | | |
|------------------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - CSP | REVISED - |
| PLOT SCALE = 0:2.0000 " = 1" / in. | DRAWN - RTT | REVISED - |
| PLOT DATE = 10/31/2018 | CHECKED - DSE | REVISED - |
| | DATE - 10-31-2018 | REVISED - |

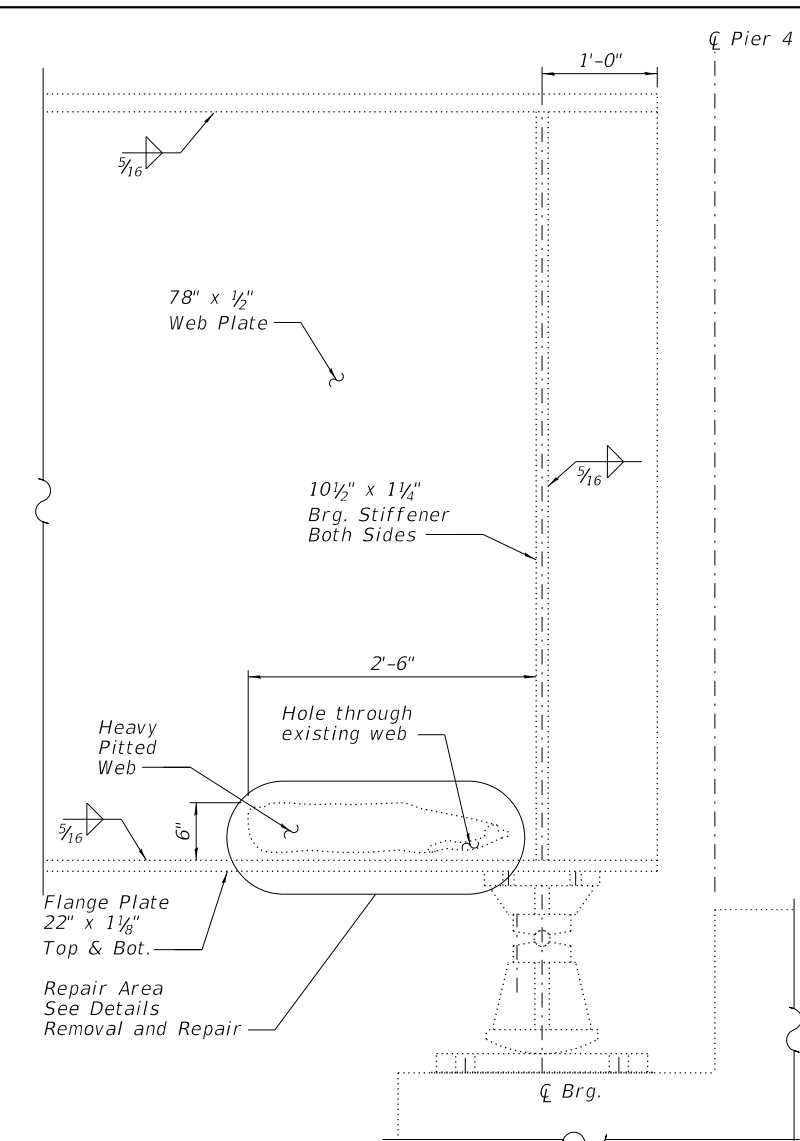
KANE COUNTY
DIVISION OF TRANSPORTATION

SUPERSTRUCTURE DETAILS 2 OF 2
STRUCTURE NO. 045-3097

SCALE: NONE SHEET 00 OF 00 SHEETS STA. TO STA.

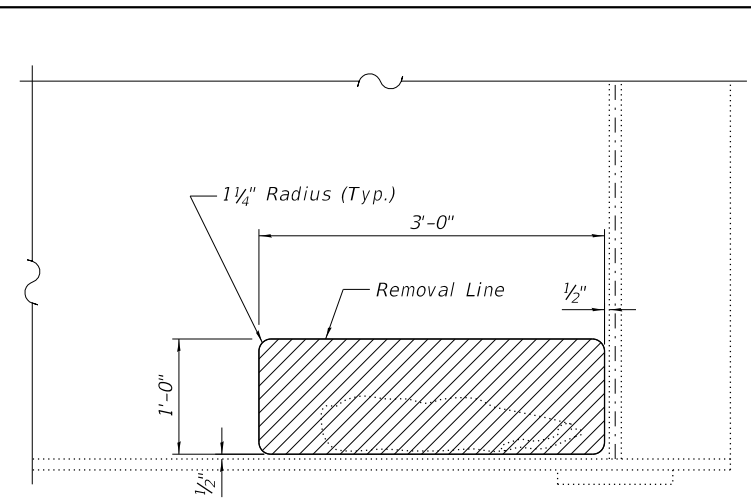
| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 44 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

MODEL: S3
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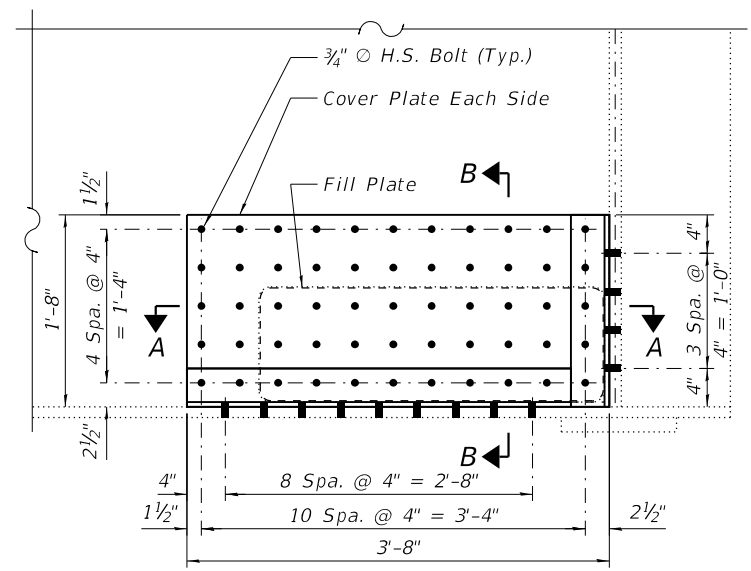


ELEVATION

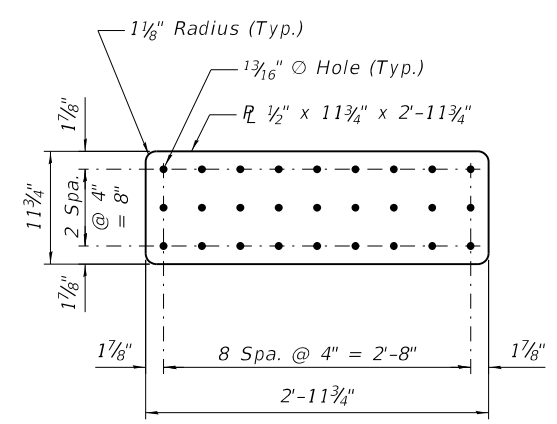
Existing Condition, Girder 1 at Pier 4
(Looking North)



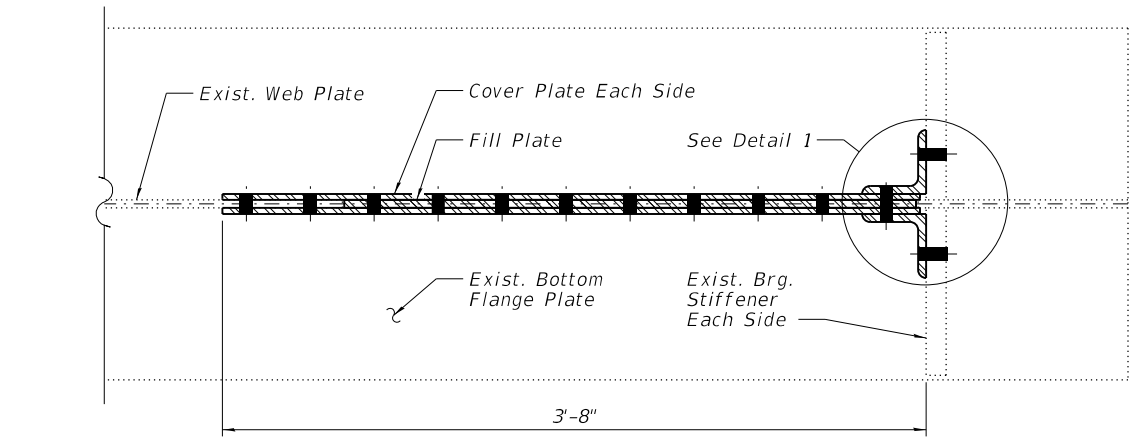
REMOVAL DETAIL



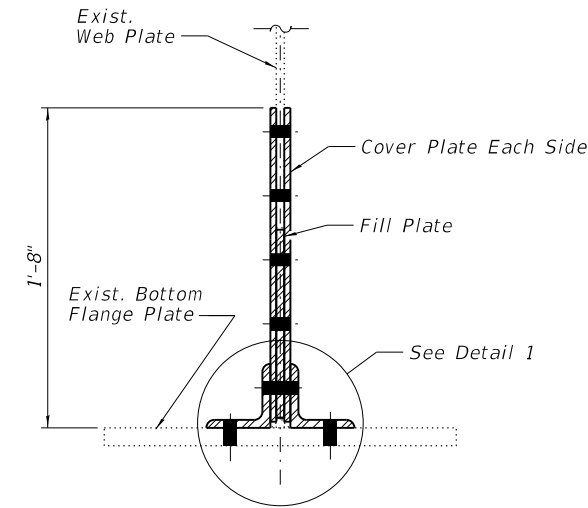
REPAIR DETAIL



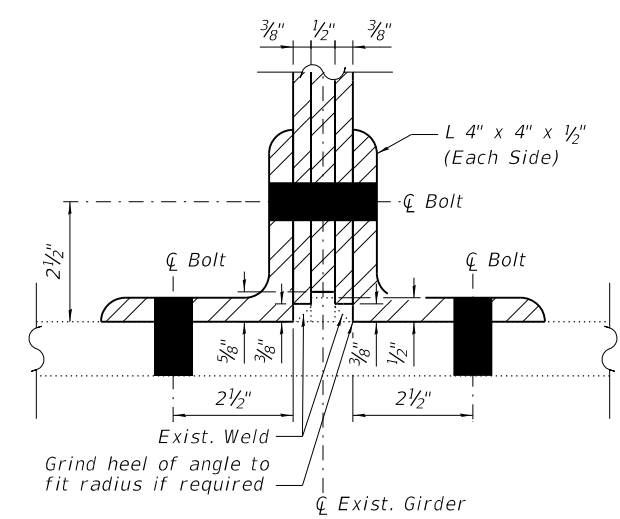
FILL PLATE DETAIL



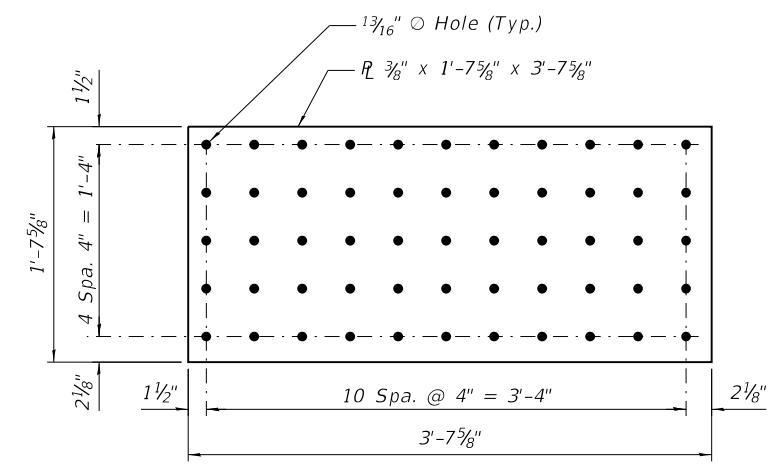
SECTION A-A



SECTION B-B



DETAIL 1



COVER PLATE DETAIL

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|-------------------------|------|----------|
| Structural Steel Repair | LSum | 1 |



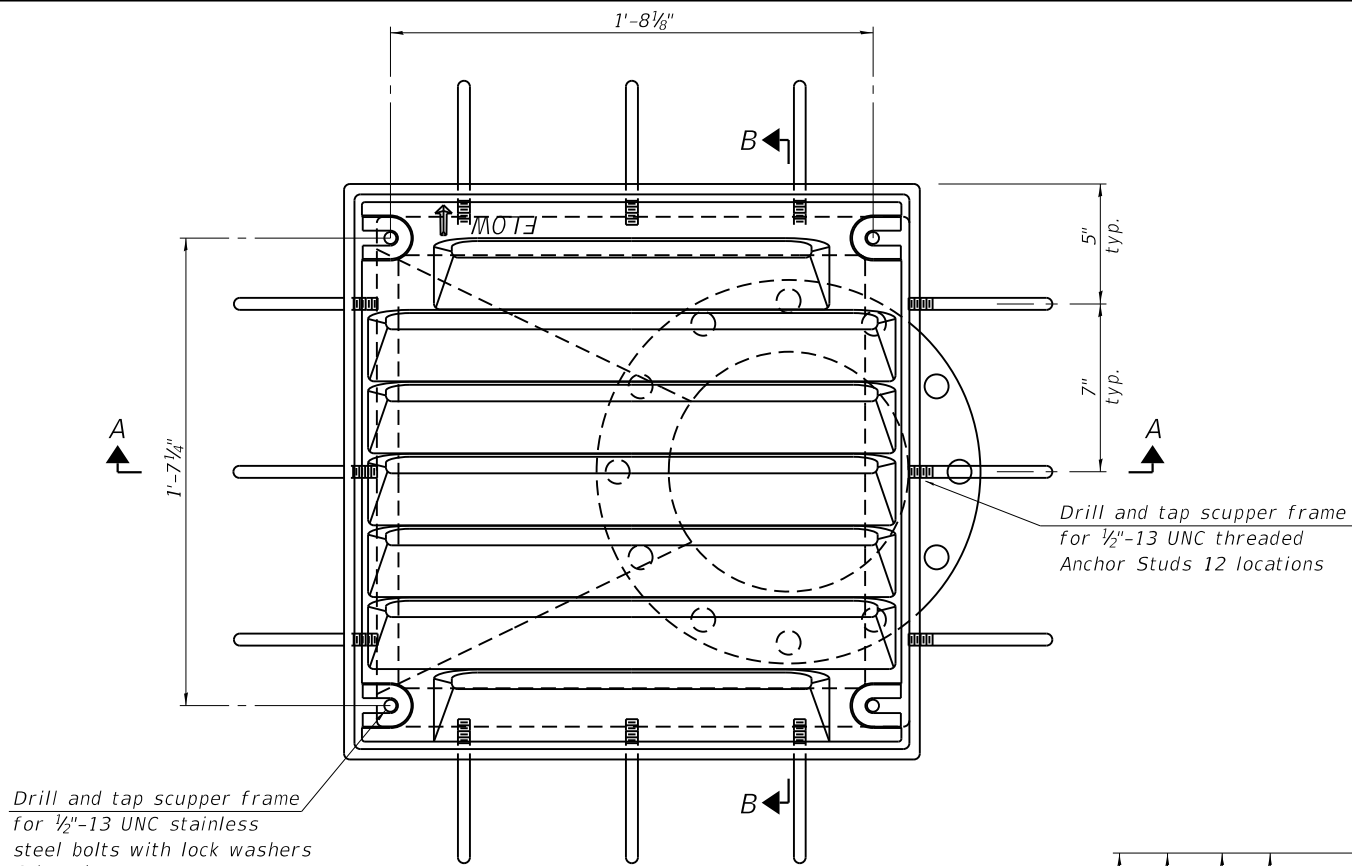
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| USER NAME = 3690 | DESIGNED - CSP | REVISED - |
| PLOT SCALE = 0:2.0000 1" = 1' | DRAWN - RTT | REVISED - |
| PLOT DATE = 10/31/2018 | CHECKED - DSE | REVISED - |
| | DATE - 10-31-2018 | REVISED - |

**KANE COUNTY
DIVISION OF TRANSPORTATION**

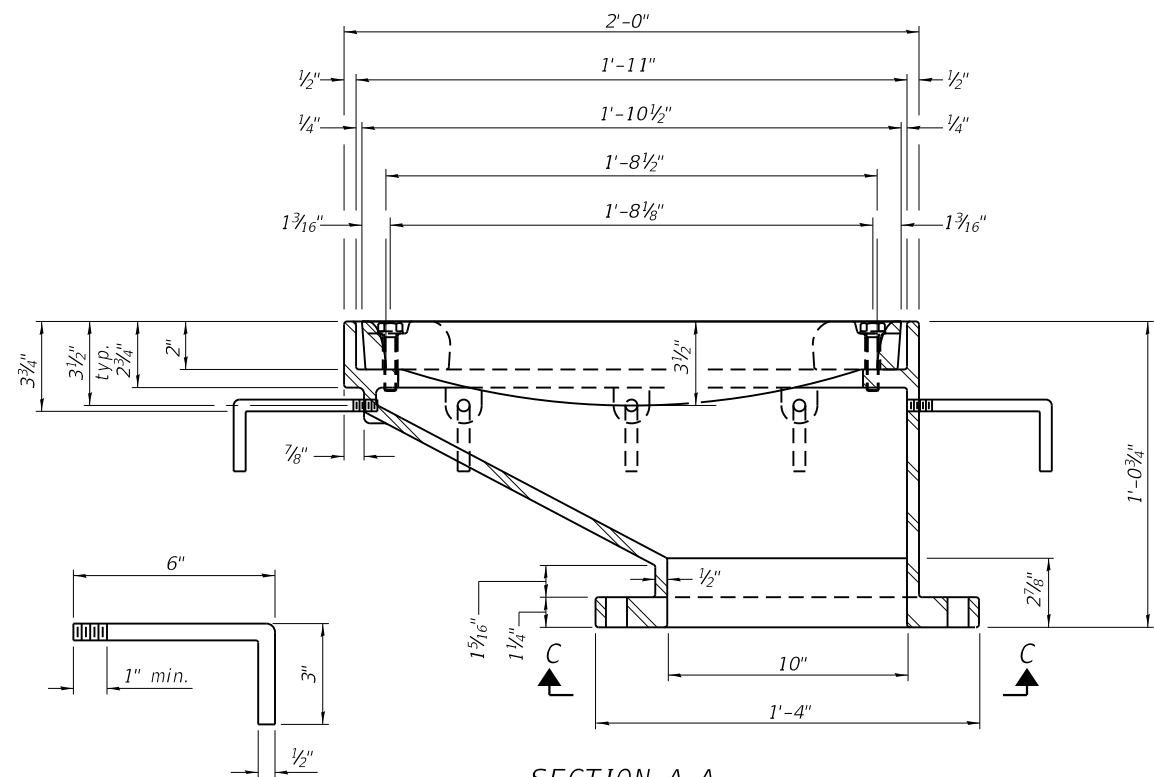
**MISCELLANEOUS STEEL DETAILS
STRUCTURE NO. 045-3097**

SCALE: NONE SHEET 00 OF 00 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 8 | 17-00479-00-BR | KANE | 57 | 45 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

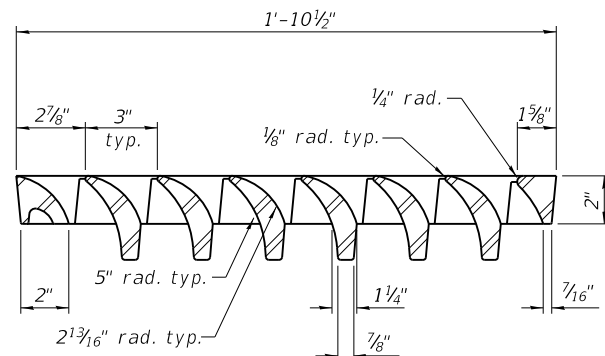


PLAN

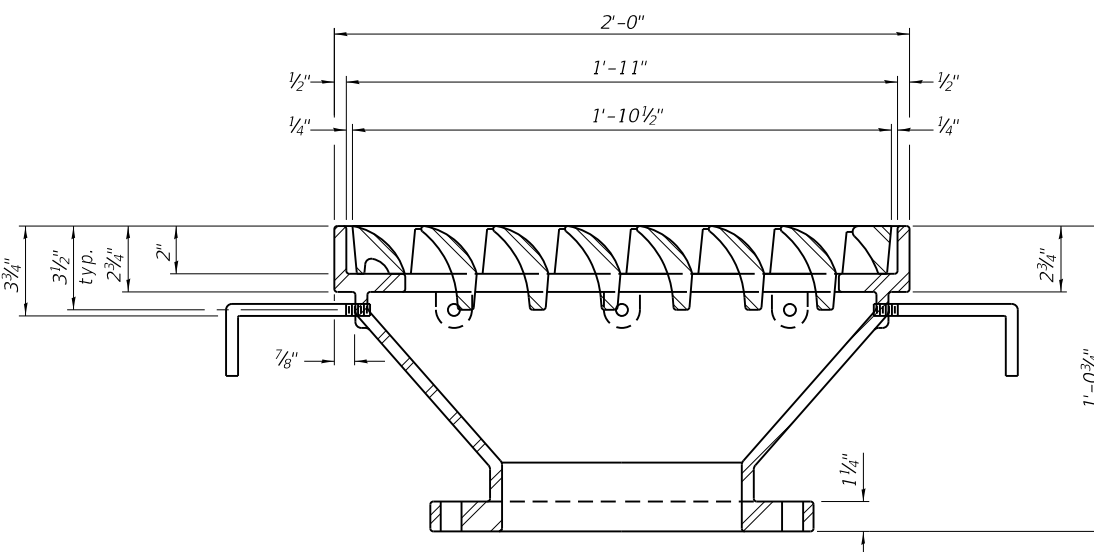


SECTION A-A

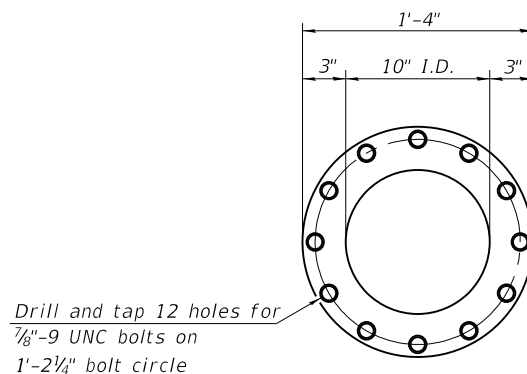
ANCHOR STUD DETAIL



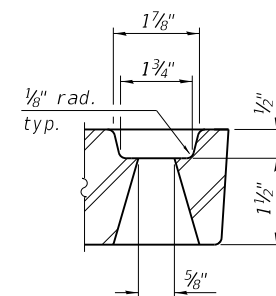
VANE GRATE DETAIL



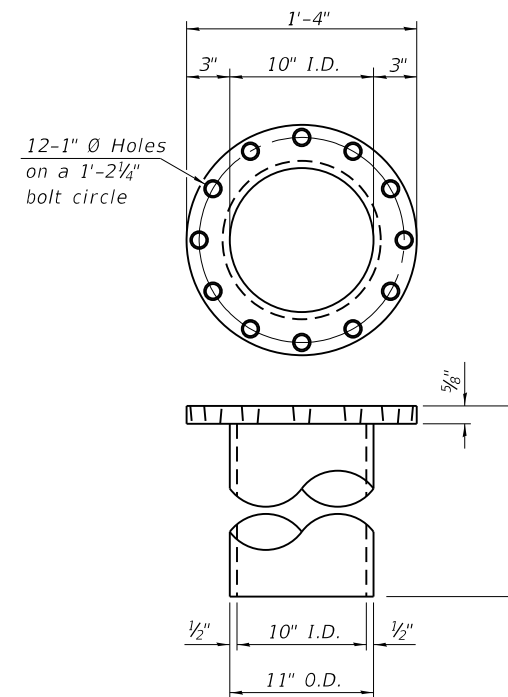
SECTION B-B



VIEW C-C



GRATE BOLT HOLE DETAIL



DOWNSPOUT

Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 35B.

Bolts, anchor studs, washers and nuts shall conform to the requirements of ASTM A 307 and shall be galvanized according to AASHTO M 232.

All castings shall conform to the requirements of AASHTO M 306.

Downspouts located on the exterior side of a painted steel fascia beam shall be painted with the finish coat specified for the exterior side of the fascia beam.

As an alternate, bolts, anchor studs, washers and nuts may be stainless steel according to Article 1006.29(d) of the Standard Specifications.

Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frame. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval. Structural steel weldments shall not be substituted for the cast iron scupper grate. Structural steel frames and downspouts shall be galvanized according to AASHTO M111.

The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.

Cost of the Grate, Frame, Downspout, Anchor Studs, Bolts, Washers and Nuts including complete installation of the scupper shall be paid for at the contract unit price each for Drainage Scupper, DS-12M10.

Alternate fiberglass downspout conforming to ASTM D 2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. may be used in lieu of the cast iron or steel equivalent.

BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|----------------------------|------|----------|
| Drainage Scupper, DS-12M10 | Each | 20 |

DS-12M10

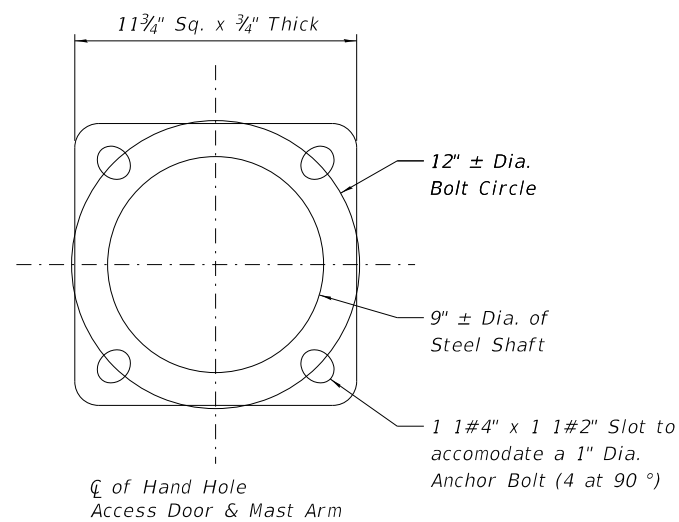
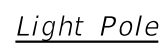
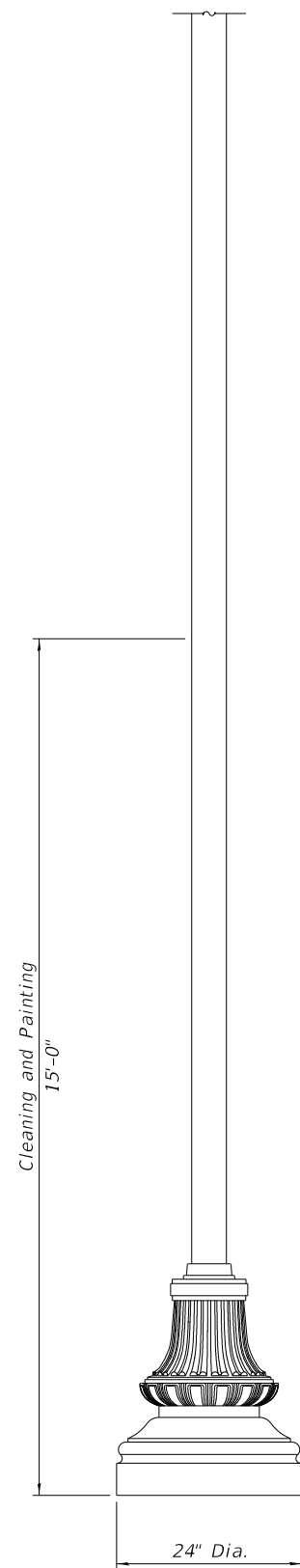
2-17-2017

KANE COUNTY
DIVISION OF TRANSPORTATION

SCUPPER DETAILS
STRUCTURE NO. 045-3097

SCALE: NONE SHEET 00 OF 00 SHEETS STA. TO STA.

| C.H.# | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 46 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

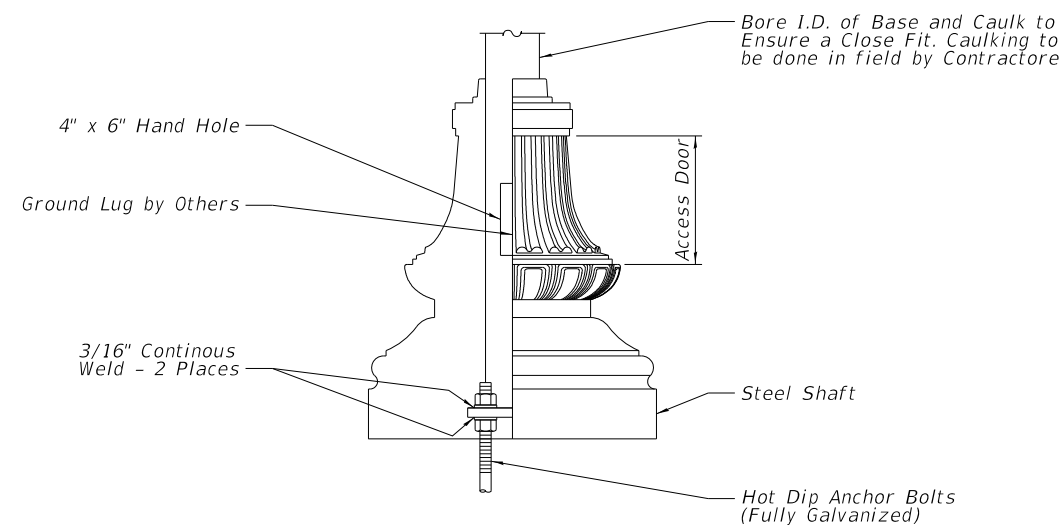


DETAIL 1

BILL OF MATERIAL

| Item | Unit | Quantity |
|-----------------------------------|----------|----------|
| Cleaning and Painting Light Poles | Lump Sum | 1 |
| Wrap Base, 24 inch | Each | 12 |

| <u>FIXTURE SCHEDULE</u> | | |
|-------------------------|----------------|------------------------------------------------------------------------------|
| MANUFACTURER | CATALOG SERIES | |
| SPRING CITY | STYLE: | WASHINGTON |
| | HEIGHT: | 27 3/4" |
| | BASE: | 24" DIAMETER WRAP BASE |
| | MATERIAL: | (A) CAST ALUMINUM ALLOY ANSI 356 PER A.S.T.M. B26-95 |
| | FINISH: | PRIME PAINT THEN FINISH SHERWIN WILLIAMS ACROLON-PLEASE ADVISE COLOR |
| | ACCESS DOOR: | LOCATED IN BASE SECURED WITH TAMPER PROOF HEX SOCKET SECURITY MACHINE SCREWS |

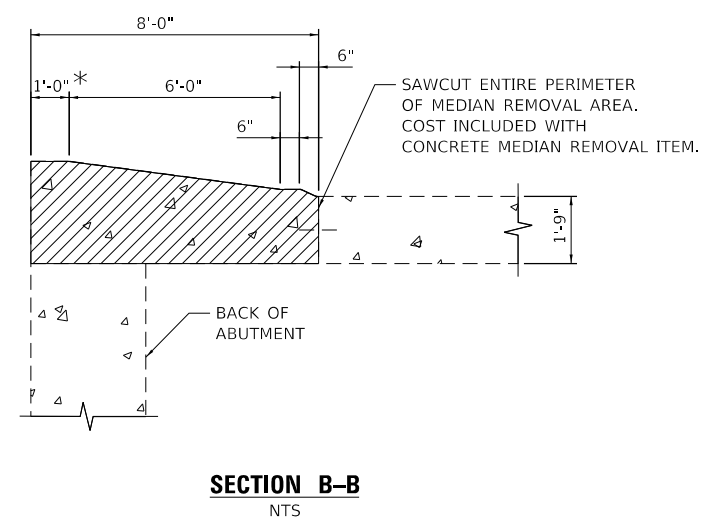
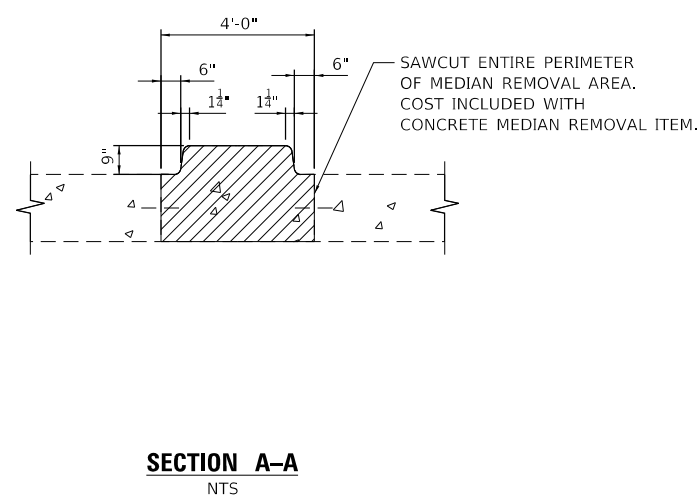


DETAIL 2



NOTES:

-
- Plan view of a proposed intersection. The diagram shows the layout of Fabyan Pkwy (C.H. 8) and an intersecting road. Key features include:
- Intersection:** A T-junction where Fabyan Pkwy (C.H. 8) meets an intersecting road.
 - Lane Markings:** Solid lines for lane boundaries and dashed lines for centerlines.
 - Dimensions:** A dimension of 1' is indicated near the intersection.
 - Labels:** "FABYAN PKWY (C.H. 8)" is labeled on the road.
 - Notes:** "1' (SEE NOTE 1)" is noted near the intersection.



MODEL: Default
FILE NAME: pw:\SCI-PW\INTEG-2.stanleygroup.com:Data\source-1\Documents\Kane_County_DOT\72946 - Fabyan Parkway\11-CADD\02-CADD_Sheets\127946-sht-det-01.dgn



| | | |
|------------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - SP | REVISED - |
| | DRAWN - ED | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - DLD | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY DIVISION OF TRANSPORTATION

**FABYAN PARKWAY
MEDIAN DETAILS**

| | | | | | |
|---------------|---------|------|--------|------|---------|
| SCALE: 1"=10' | SHEET 1 | OF 4 | SHEETS | STA. | TO STA. |
|---------------|---------|------|--------|------|---------|

| | | | | |
|------|----------------|--------------|------------------|-----------|
| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 8 | 17-00479-00-BR | KANE | 57 | 48 |
| | | CONTRACT NO. | | |
| | | ILLINOIS | FED. AID PROJECT | |

Telescoping Sign Post

The post shall be a square tube formed of 12 gauge steel according to the standard specification for cold rolled carbon steel sheets commercial quality ASTM A 1008 (A 1008M). The post shall be formed to size and, if necessary, shall be welded in such a manner that weld or flash shall not interfere with telescoping. Holes 7/16 ± 1/64 in. (11 ± 0.4 mm) will be spaced on 1 in. (25 mm) centers on at least two opposite sides. The holes shall align to accept a 3/8 in. (10 mm) bolt through the post at any location. The post shall have a smooth galvanized finish applied either before or after forming. For all other regulations refer to Section 1093 of the latest version of Illinois Standard Specifications for Bridge and Road Construction.

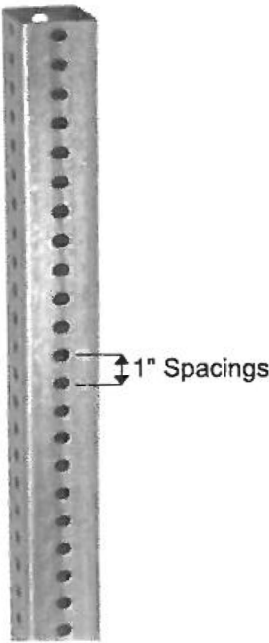
Sign Bases

30" bases for breakaway telescoping sign supports shall be model V-Loc, 200-VS3, for use in soft soil and shall be manufactured by TAPCO (Traffic & Parking Control Co., Inc.)

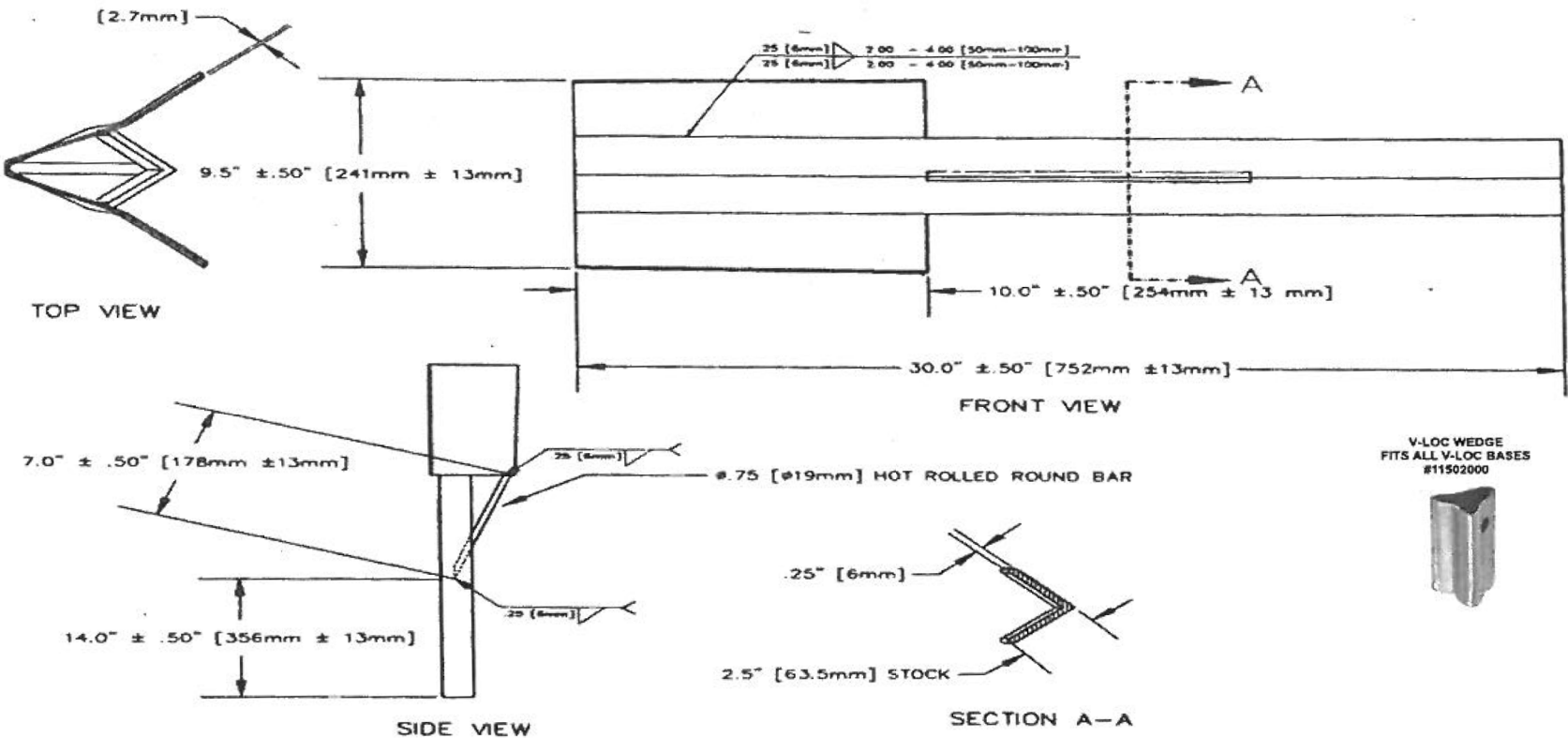
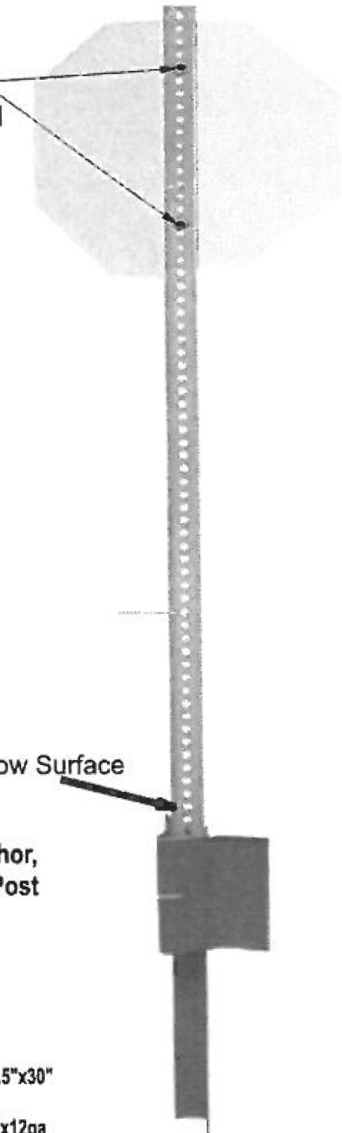
Sign Base Wedge

Galvanized Steel Wedge SWI for V-Loc® post bases

12 Gauge Telescoping Galvanized Square Post,
2"W x 2"D x min. 10'



Stainless steel bolts and washers used for fastening extruded aluminum sign panels to supports, shall be according to ASTM A 276, Type 304. Stainless steel nuts shall be according to ASTM A 240 (A 240M), Type 304.



Tapco 200-VS3B V-Loc Traffic Post Breakaway Soil Anchor, for use with 2" Length x 2" Width Telescoping Square Post



Leg angle 2.5"x2.5"x2.5"x30"
Fin Dimensions 10x12x12ga

| | |
|------------------------------------------------------------|--|
| Kane County Division of Transportation | |
| Specifications Telescoping Sign Post & Soil Bases | |

| DATE | | REVISIONS | | Specifications Telescoping Sign Post & Soil Bases | |
|------|--|-----------|--|------------------------------------------------------------|--|
| | | | | | |
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MODEL: Default
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Stanley Consultants INC.
Kane County Division of Transportation
11/15/2018

| | | |
|------------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - SP | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | DRAWN - ED | REVISED - |
| PLOT DATE = 10/31/2018 | CHECKED - DLD | REVISED - |
| | DATE - 10-31-2018 | REVISED - |

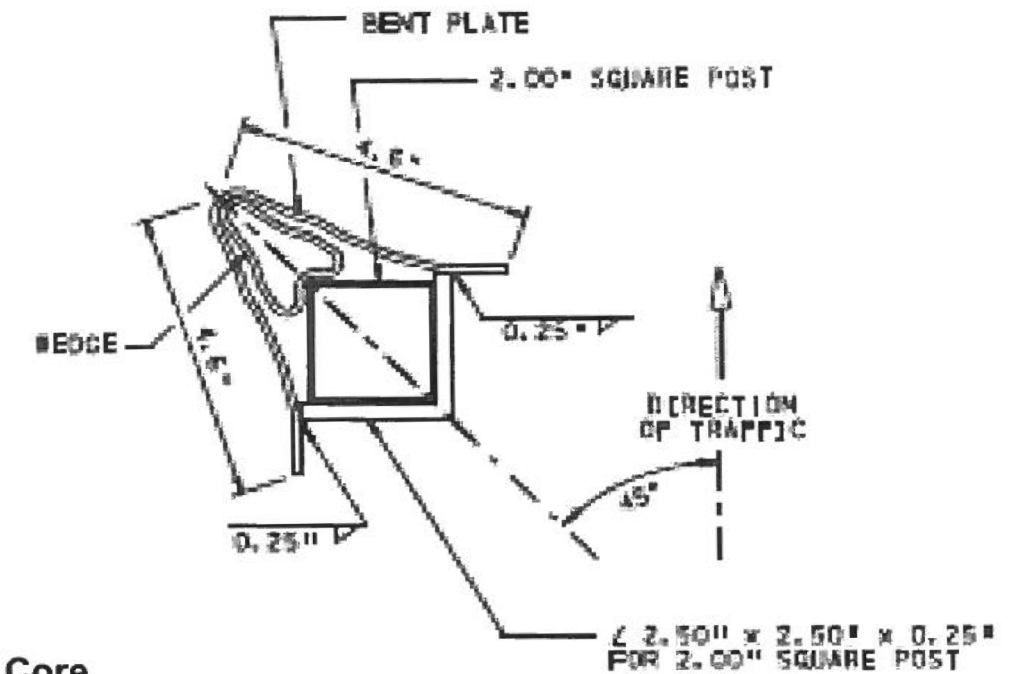
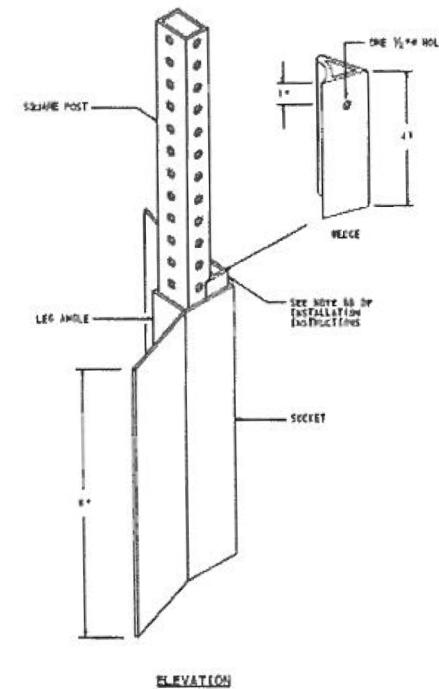
KANE COUNTY
DIVISION OF TRANSPORTATION

FABYAN PARKWAY
TELESCOPING SIGN POST DETAIL

SCALE: 1"=10' SHEET 2 OF 4 SHEETS STA. TO STA.

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 49 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

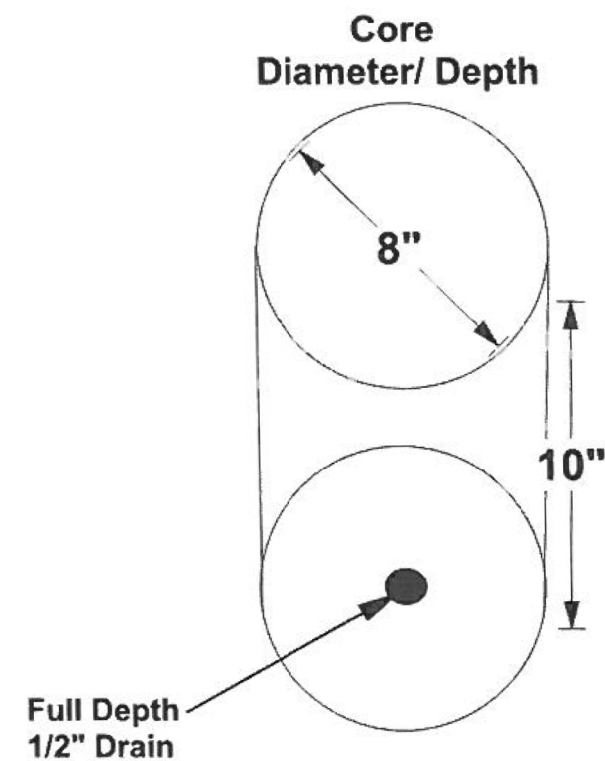
Sign Bases for Concrete & Asphalt Installation, reusable breakaway anchors allow you to replace posts in a matter of a few minutes. The V-Loc® anchor socket can be installed into concrete, asphalt or dirt safely by one person, by either hand or power driver. Once the anchor is installed, simply insert the post, and drive in the patented wedge, which will lock the post into place without the need for any additional hardware. The V-Loc® requires no concrete in the soil. 200-VS1 Model, for 2" x 2" square posts going into Concrete, includes the wedge, post and anchor.



Post Type: 2"x2" Square Perforated

Wedge

Concrete Base
Model #200-VS1

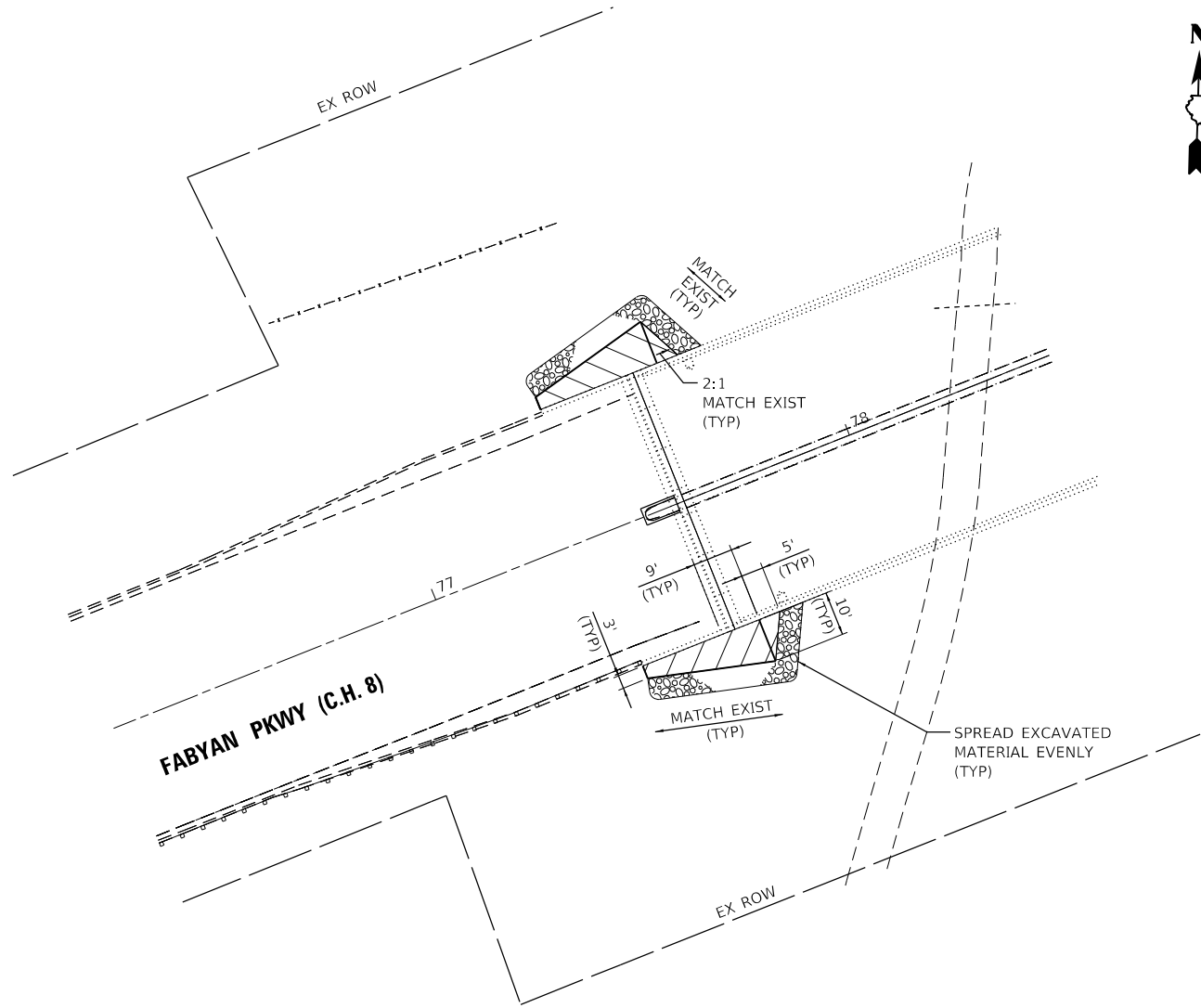


Kane County Division of Transportation

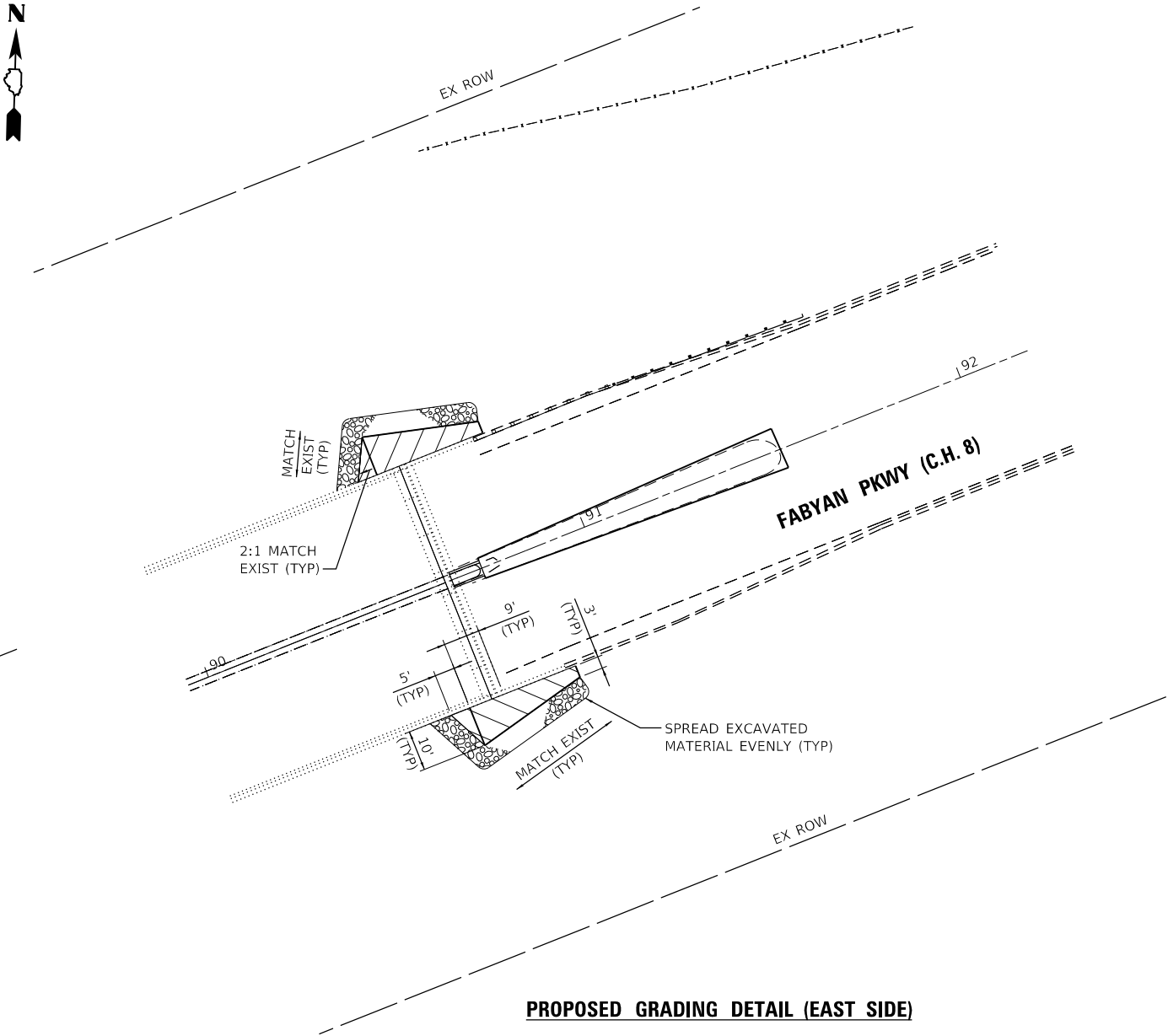
**Specifications
Concrete
&
Asphalt Bases**

| | | |
|------|-----------|--------------------------------------------------|
| DATE | REVISIONS | Specifications Concrete & Asphalt Bases |
| | | |
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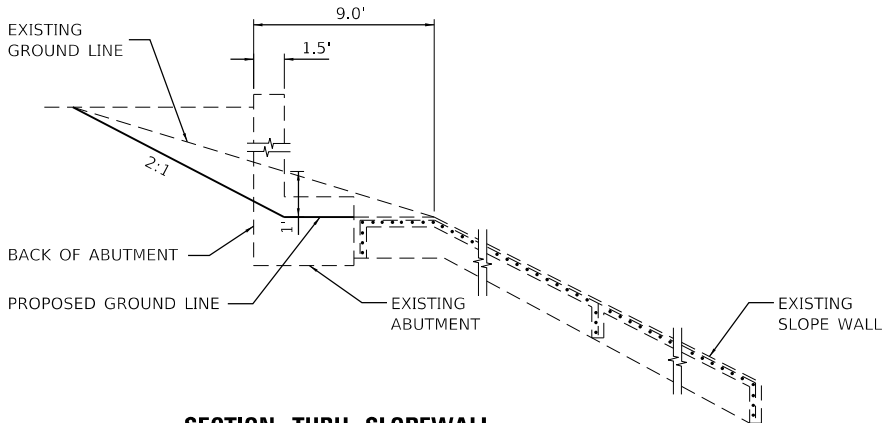
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Stanley Consultants INC.
800 West Higgins Road, Suite 110, Chicago, Illinois 60690-2900
Phone: 773.399.8800
Fax: 773.399.8801
www.stanley-consultants.com



PROPOSED GRADING DETAIL (WEST SIDE)

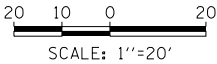


PROPOSED GRADING DETAIL (EAST SIDE)



SECTION THRU SLOPEWALL
NOT TO SCALE

- NOTES:**
1. ALL EXCAVATED MATERIAL SHALL REMAIN ON SITE.
 2. EXCAVATED MATERIAL SHALL BE SPREAD EVENLY AROUND THE BRIDGE CONE TO PROVIDE POSITIVE DRAINAGE.



| | | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------|-----------------------------|--|--|-------------------|-----------|-------------------------------------------|----------------------------------|--|--|---------------------------|----------------|--------|--------------|-----------|
|  | USER NAME = 3690 | | | DESIGNED - SP | REVISED - | KANE COUNTY DIVISION OF TRANSPORTATION | FABYAN PARKWAY GRADING DETAIL | | | C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | DRAWN - ED | | | CHECKED - DLD | REVISED - | | SCALE: 1"=20' | | | 8 | 17-00479-00-BR | KANE | 57 | 51 |
| | PLOT SCALE = 40.0000' / in. | | | DATE - 10-31-2018 | REVISED - | | SHEET 4 OF 4 SHEETS | | | CONTRACT NO. | | | | |
| | PLOT DATE = 10/31/2018 | | | | | | STA. TO STA. | | | ILLINOIS FED. AID PROJECT | | | | |

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K:\West\Highway\Kane\Kane\11-CADD\02-CADD_Sheets\127946-SHT-TS-01.dgn



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|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------------|
| FILE NAME = | USER NAME = footemj | DESIGNED - L.H.A. | REVISED - A. HOUSEH 10-15-96 |
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| | PLOT DATE = 9/15/2016 | DATE - 06-89 | REVISED - A. SCHUETZE 09-15-16 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KANE COUNTY
DIVISION OF TRANSPORTATION

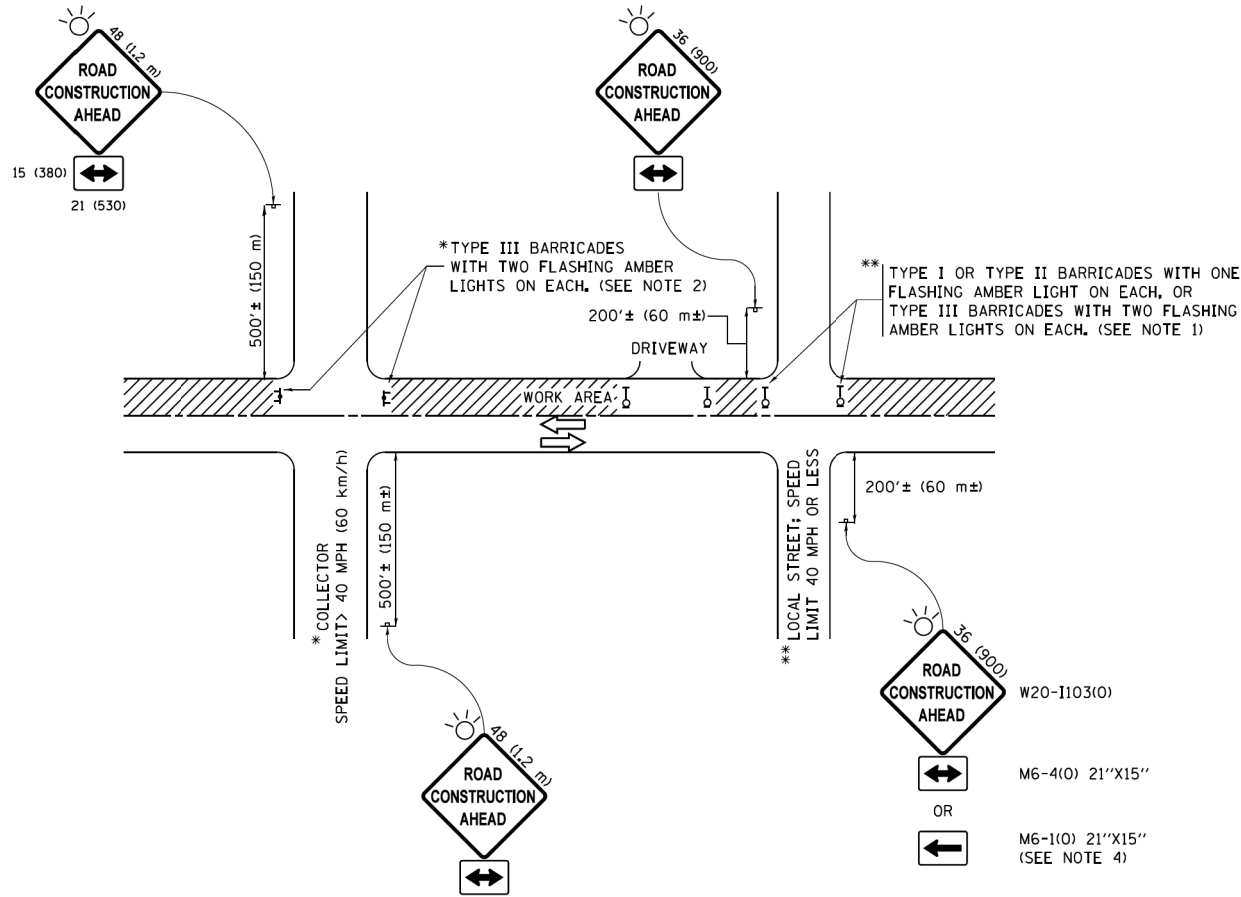
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

FABYAN PARKWAY
STANDARD DETAILS

SCALE: NONE SHEET 1 OF 6 SHEETS STA. TO STA.

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



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:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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.
- 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

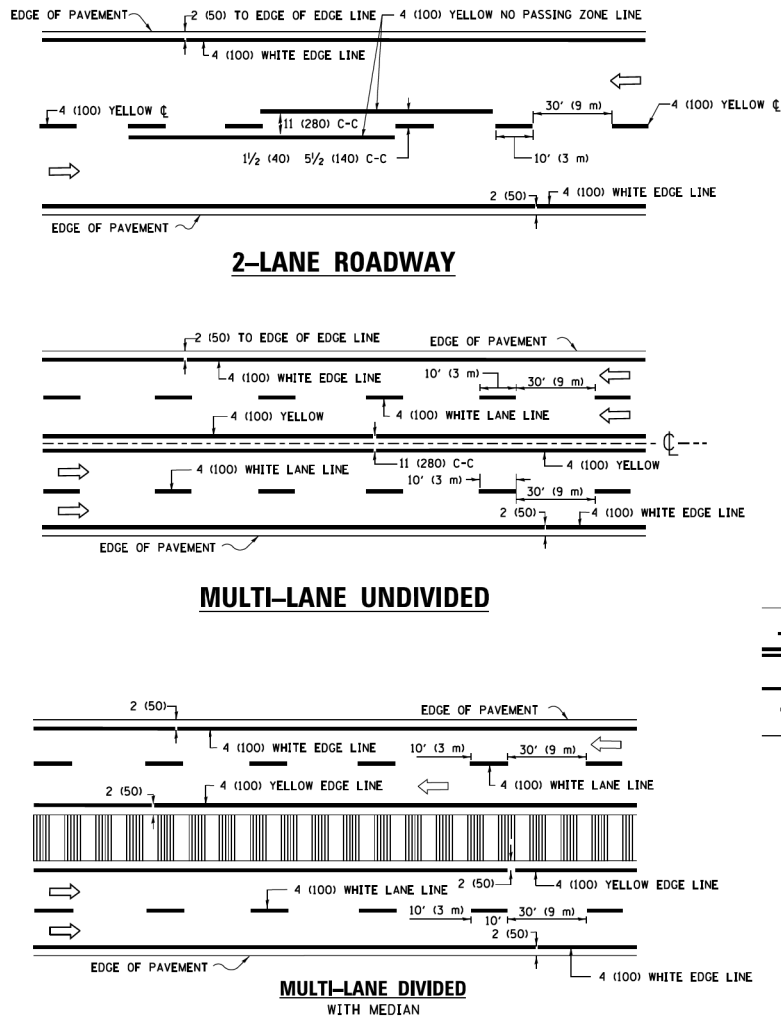
All dimensions are in inches (millimeters)
unless otherwise shown.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|---------|--------|--------------|-----------|
| | TC-10 | | | |
| | | | | |

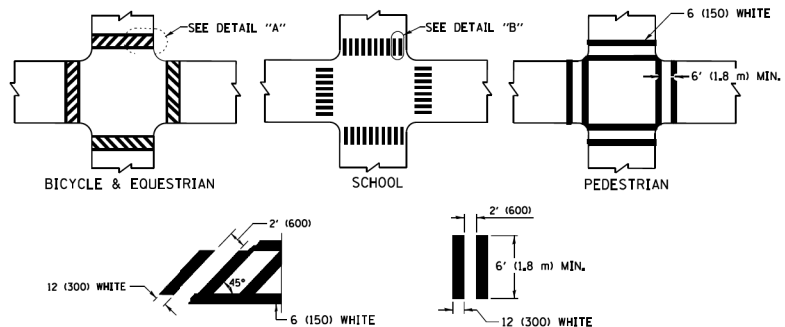
ILLINOIS FED. AID PROJECT CONTRACT NO.

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------|----------------|--------|--------------|-----------|
| 8 | 17-00479-00-BR | KANE | 57 | 52 |
| | | | | |

ILLINOIS FED. AID PROJECT CONTRACT NO.

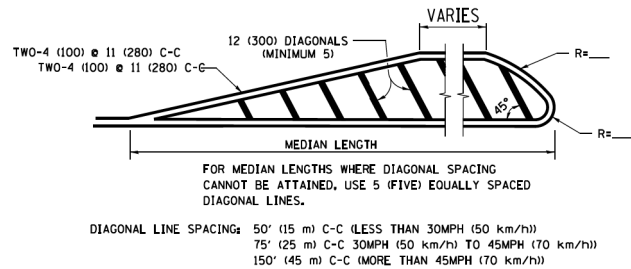
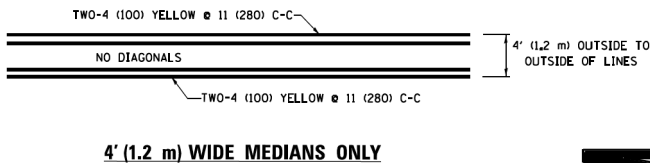


TYPICAL LANE AND EDGE LINE MARKING

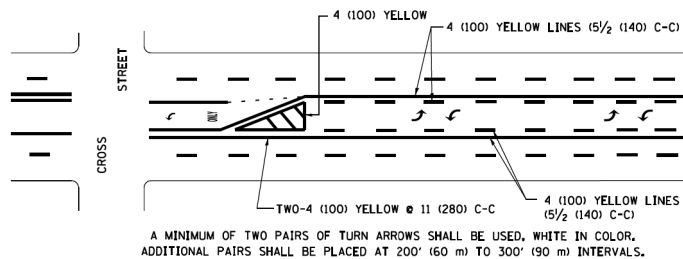


TYPICAL CROSSWALK MARKING

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

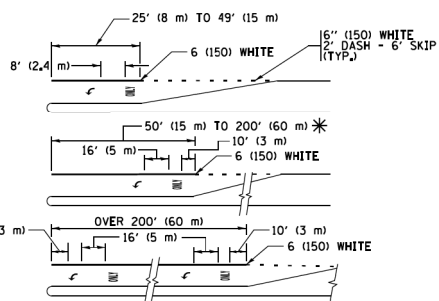


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

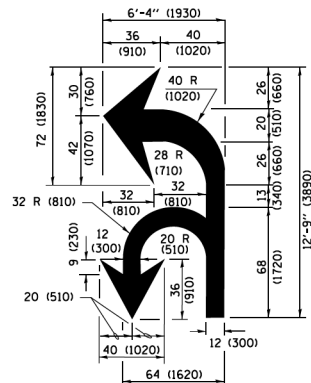
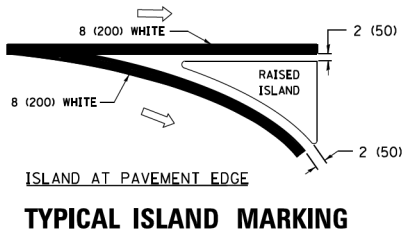
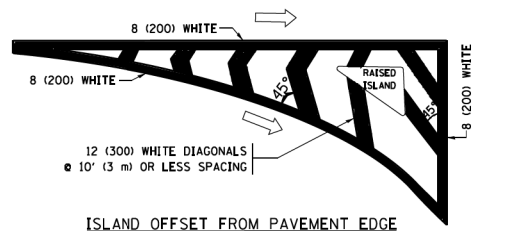


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)

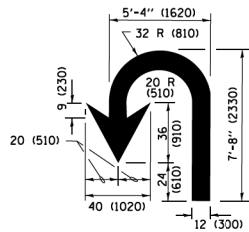
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



COMBINATION LEFT AND U-TURN



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 | 5/2 (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 WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (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 SEE TYPICAL CROSSWALK MARKING DETAILS. |
| STOP LINES | 24 (600) | SOLID | WHITE | PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, 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. |
| CORE MARKING AND CHANNELIZING LINES | 8 (200) WITH 12 (300) DIAGONALS 45° | SOLID | WHITE | DIAGONALS: 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 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²) |
| SHOULDER DIAGONALS (REQUIRED 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 (OVER 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 = | USER NAME = lcy8a | DESIGNED - EVERS | REVISED - C. JUCIUS 09-09-09 |
| W:\diststd\224\to13.dgn | | DRAWN - | REVISED - C. JUCIUS 07-01-13 |
| Default | PLOT SCALE = 50.000' / in. | CHECKED - | REVISED - C. JUCIUS 12-21-15 |
| | PLOT DATE = 6/23/2017 | DATE - 03-19-90 | REVISED - C. JUCIUS 04-12-16 |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

| | | | | | |
|-------------|---------|------|--------|------|---------|
| SCALE: NONE | SHEET 1 | OF 1 | SHEETS | STA. | TO STA. |
|-------------|---------|------|--------|------|---------|

| | | | | |
|-----------|---------|----------|------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | TC-13 | | | |
| | | ILLINOIS | FED. AID PROJECT | |

MODEL Default
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15:02.dgn 6/23/2017 4:41:34 AM User: stan

| | | |
|----------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - SP | REVISED - |
| | DRAWN - ED | REVISED - |
| PLOT SCALE = 2.0000' / in. | CHECKED - DLD | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY DIVISION OF TRANSPORTATION

FABYAN PARKWAY STANDARD DETAILS

| | | | | | |
|-------------|---------|------|--------|------|---------|
| SCALE: NONE | SHEET 2 | OF 6 | SHEETS | STA. | TO STA. |
|-------------|---------|------|--------|------|---------|

| | | | | |
|------|----------------|----------|------------------|-----------|
| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 8 | 17-00479-00-BR | KANE | 57 | 53 |
| | | | CONTRACT NO. | |
| | | ILLINOIS | FED. AID PROJECT | |

TURN BAY ENTRANCE AT START
OF LANE CLOSURE TAPER

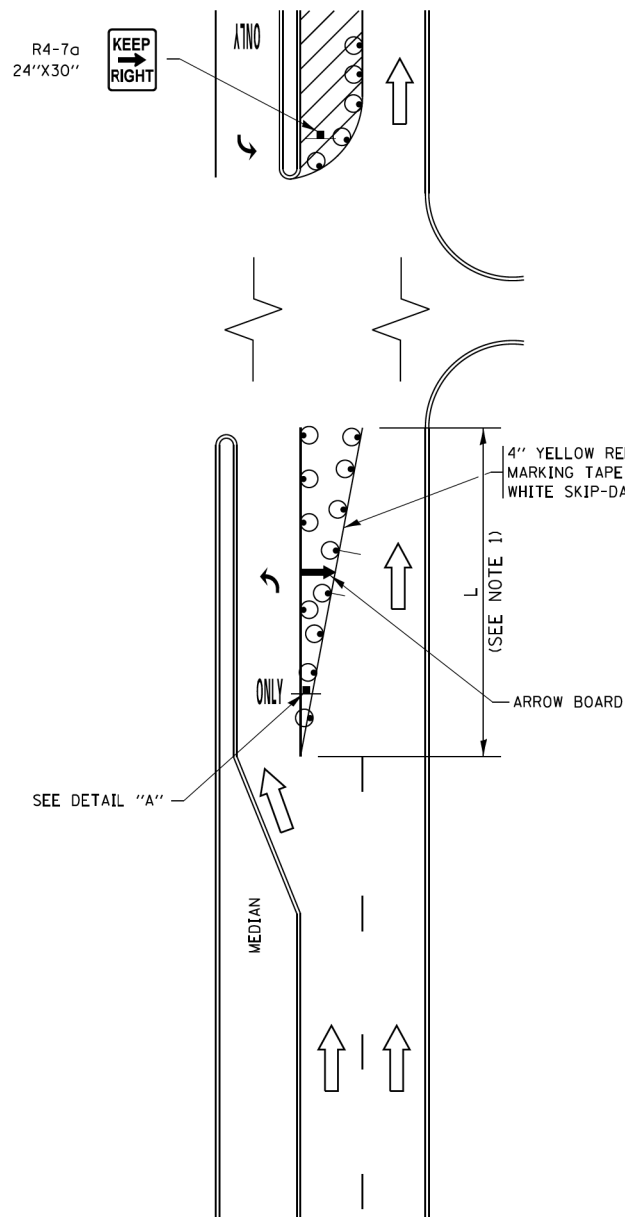
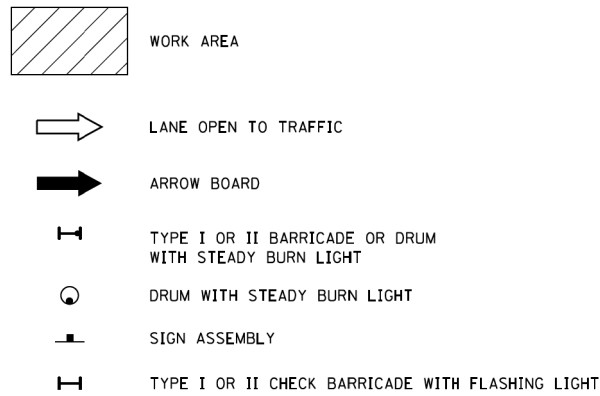


FIGURE 1

LEGEND



NOTES:

- A) WHEN "L" IS \leq 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.
- 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.
- LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- 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.
- 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 x 15 (530 x 380) SHALL BE USED.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
- 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.

TURN BAY ENTRANCE
WITHIN A LANE CLOSURE

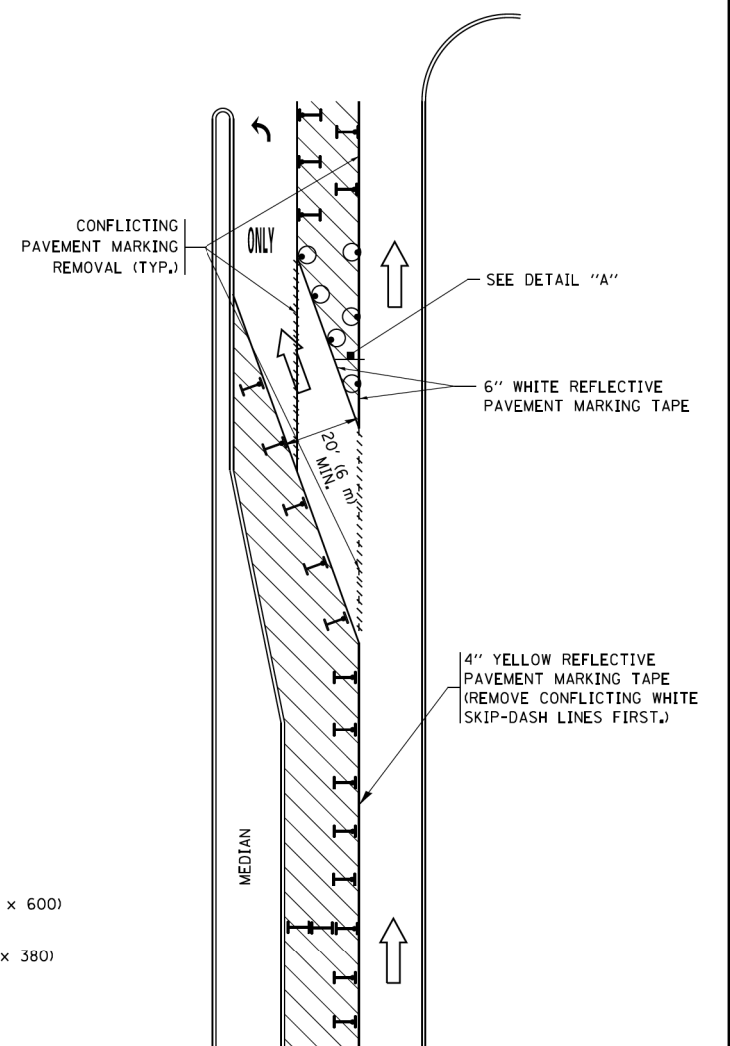
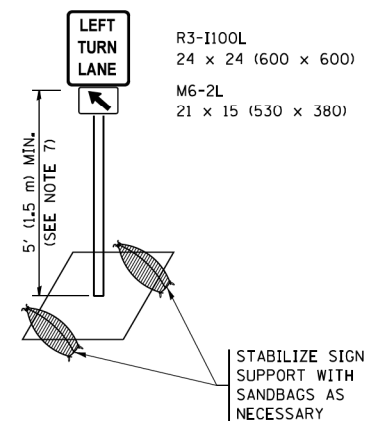


FIGURE 2



DETAIL A

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

| | | | | | | | | | | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|---------------------------------------------------|----------------------------------------------------------------------------|-------------|---------|------|--------|------|---------|---------------------------|---------|--------------|-----------------|--------------|
| FILE NAME = | USER NAME = footenj | REVISED -T. RAMMACHER 09-08-94 | REVISED - R. BORO 09-14-09 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) | SCALE: NONE | SHEET 1 | OF 1 | SHEETS | STA. | TO STA. | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| p:\1\1L084EBID\TEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\District 1\ADData\CH\HOUSEH\10-07-95 | REVISIONS | REVISED - A. HOUSEH 10-07-95 | REVISED - A. SCHUETZE 07-01-13 | | | | | | | | | TC-14 | | CONTRACT NO. | | |
| Default | PLOT SCALE = 50.0000' / in. | REVISED - A. HOUSEH 10-12-96 | REVISED - A. SCHUETZE 09-15-16 | | | | | | | | | ILLINOIS FED. AID PROJECT | | | | |

| | | | | | | | | | | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------|-----------|-------------------------------------------|------------------------------------|-------------|---------|------|--------|------|---------|---------------------------|----------------|--------|-----------------|--------------|
| Stanley Consultants INC. 800 West Higgins Avenue, Suite 110, Chicago, Illinois 60607-2800 Tel: 312.235.1000 Fax: 312.235.1001 www.stanleyconsultants.com | USER NAME = 3690 | DESIGNED - SP | REVISED - | KANE COUNTY DIVISION OF TRANSPORTATION | FABYAN PARKWAY STANDARD DETAILS | SCALE: NONE | SHEET 3 | OF 6 | SHEETS | STA. | TO STA. | C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | DRAWN - ED | REVISED - | | | | | | | | | 8 | 17-00479-00-BR | KANE | 57 | 54 |
| | PLOT SCALE = 2.0000 ' / in. | CHECKED - DLD | REVISED - | | | | | | | | | CONTRACT NO. | | | | |
| | PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - | | | | | | | | | ILLINOIS FED. AID PROJECT | | | | |

MODEL Default
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|-----------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - SP | REVISED - |
| | DRAWN - ED | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - DLD | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY
DIVISION OF TRANSPORTATION

| | | | |
|------------------------------------|---------|-------------|--------------|
| FABYAN PARKWAY STANDARD DETAILS | | | |
| SCALE: NONE | SHEET 4 | OF 6 SHEETS | STA. TO STA. |

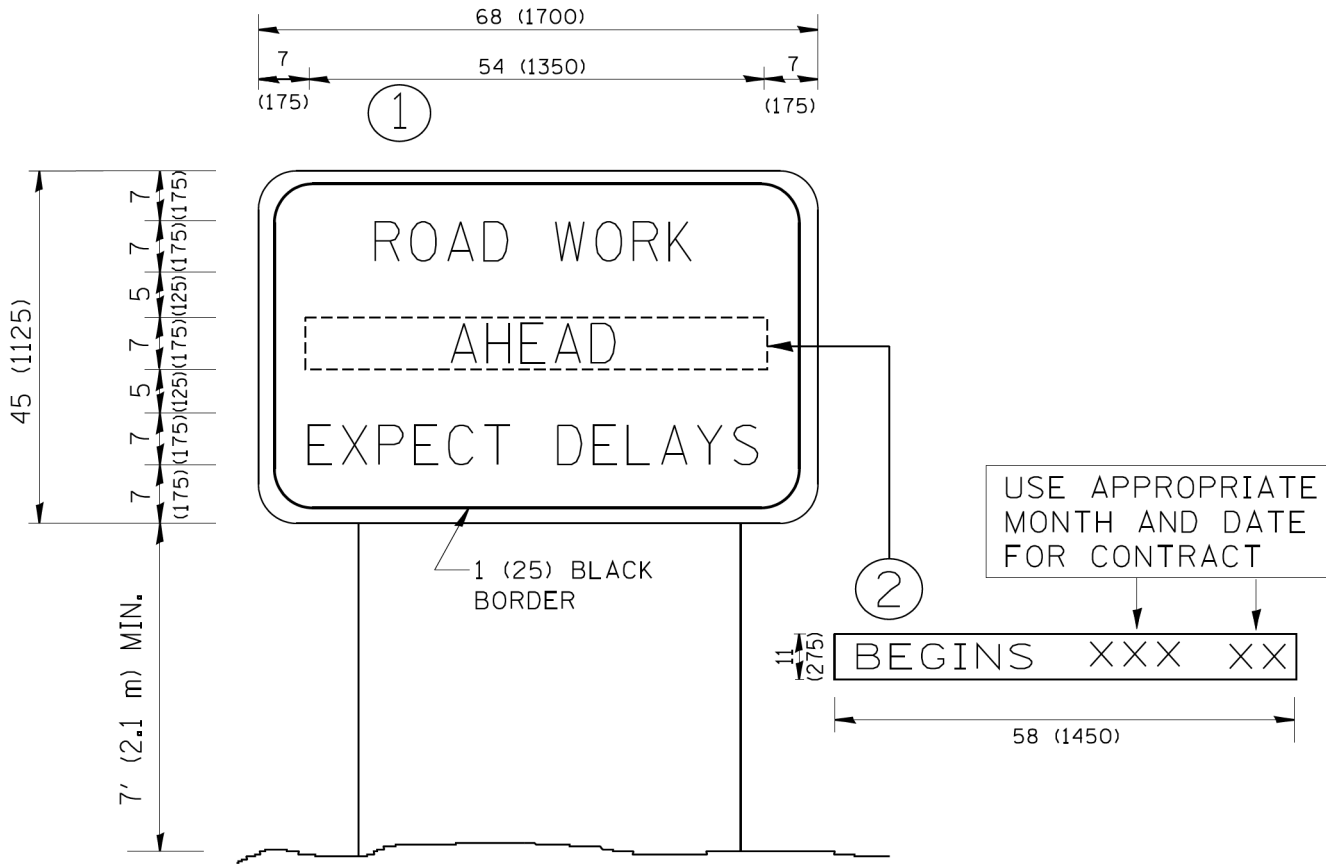
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|---------------------------|----------------|--------|--------------|-----------|
| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 8 | 17-00479-00-BR | KANE | 57 | 55 |
| CONTRACT NO. | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | | |
|------------------------------------------|-----------------------------|------------|--------------------------------|
| FILE NAME = W:\diststd\22x34\tc22.dgn | USER NAME = gaglianobt | DESIGNED - | REVISED - R. MIRS 09-15-97 |
| | | DRAWN - | REVISED - R. MIRS 12-11-97 |
| | PLOT SCALE = 50.000 ' / IN. | CHECKED - | REVISED -T. RAMMACHER 02-02-99 |
| | PLOT DATE = 1/4/2008 | DATE - | REVISED - C. JUCIUS 01-31-07 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|-----------------------------------|-------------|-------------|--------------|
| ARTERIAL ROAD INFORMATION SIGN | | | |
| SCALE: NONE | SHEET NO. 1 | OF 1 SHEETS | STA. TO STA. |

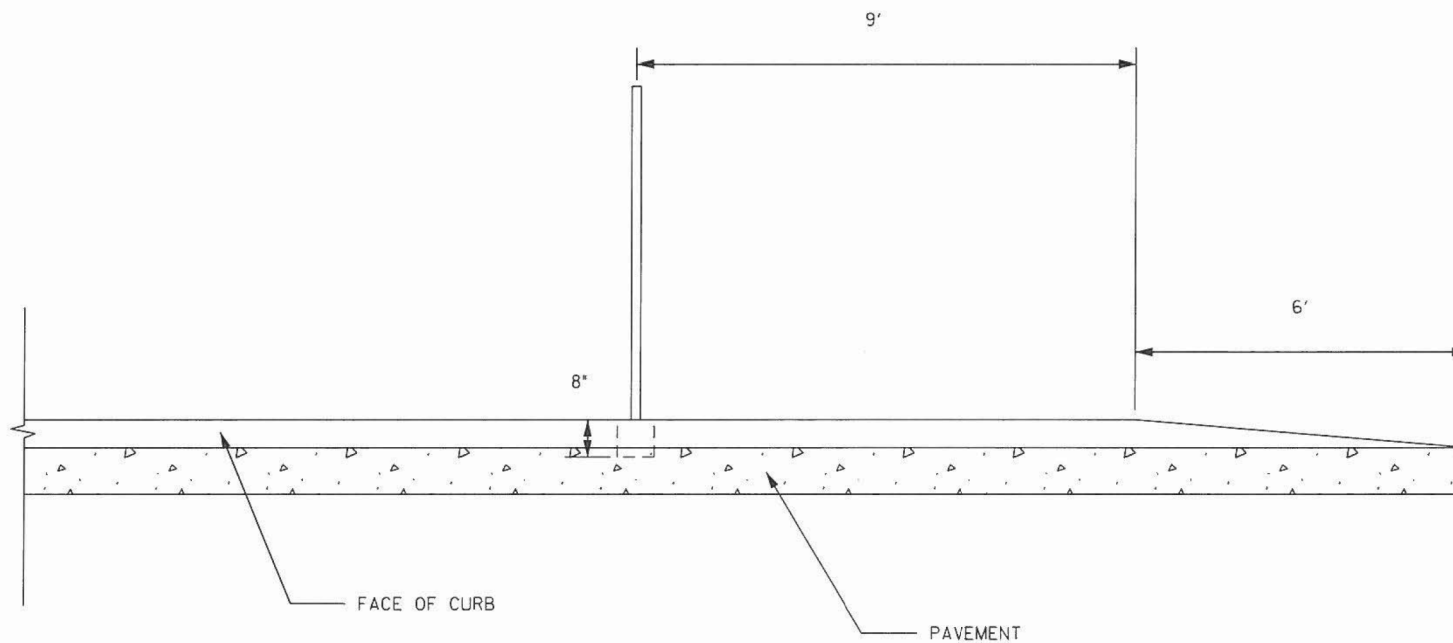
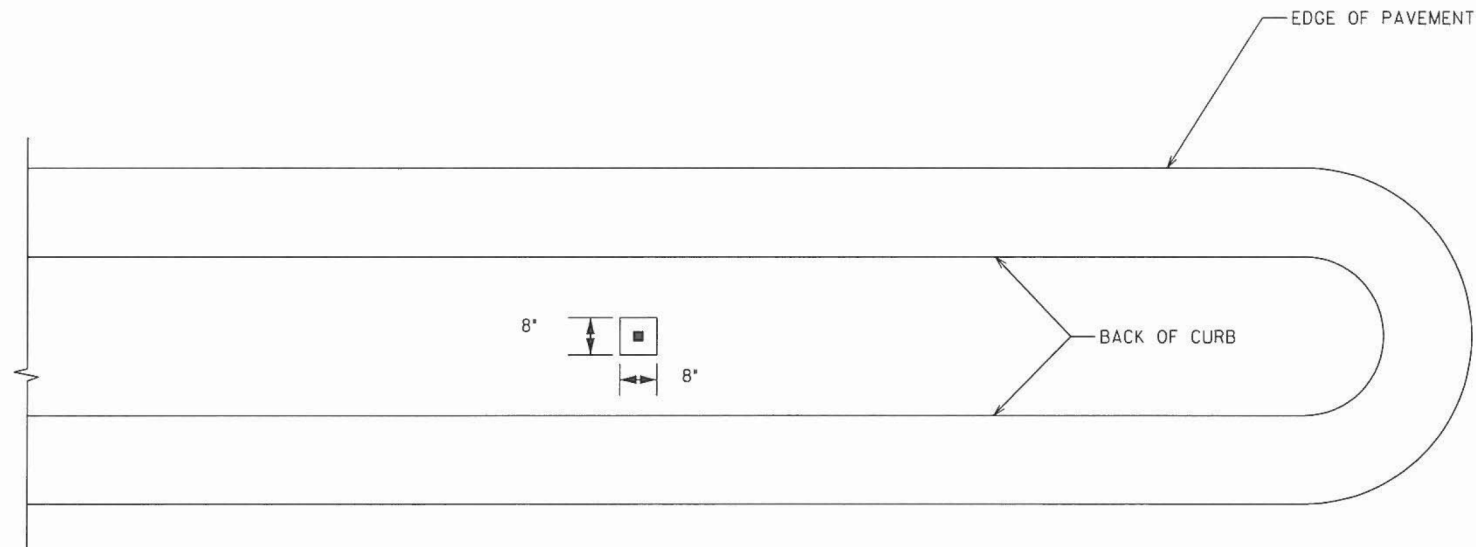
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|-------------------------------------------------|---------|--------|-----------------|--------------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | TC-22 | | | |
| CONTRACT NO. | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



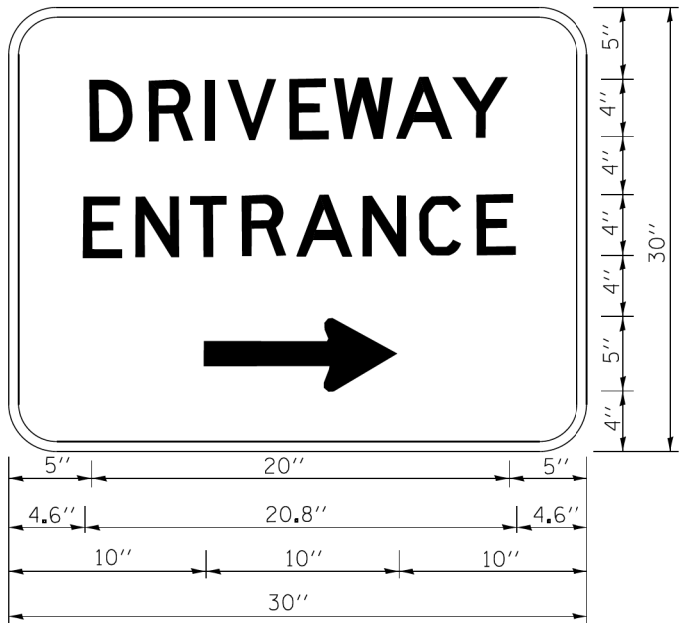
NOTES:

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.



| | | | | | | | | | | | | |
|-----------------------|----------------------|------------|---------------------|-------------------------------------------|----------------------|--|--|--------------|---------|--------|-----------------|--------------|
| FILE NAME : #FILE# | USER NAME : #USER# | DESIGNED - | REVISED - | KANE COUNTY DIVISION OF TRANSPORTATION | KDOT03 - MEDIAN SIGN | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | DRAWN - | REVISED - | | | | | | - - - | KANE | | |
| | PLOT SCALE : #SCALE# | CHECKED - | REVISED - | | | | | STA. TO STA. | | | | |
| | PLOT DATE : #DATE# | DATE - | REVISED - | | | | | | | | | |
| | SCALE: | | SHEET NO. OF SHEETS | | | | | | | | | |



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)
SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

| | | | |
|-----------------------------------------------------|-----------------------------|------------|------------------------------|
| FILE NAME = | USER NAME = gaglianob | DESIGNED - | REVISED - C. JUCIUS 02-15-07 |
| ca\pw\work\pwidot\gaglianob\td0108315\td0108315.dgn | | DRAWN - | REVISED - |
| | PLOT SCALE = 50.000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 12/13/2012 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

| | | | | |
|-------------|-------------------------|--------|--------------|-------------------------------------------------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | TC-26 | | | |
| SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = 3690 | DESIGNED - SP | REVISED - |
| | DRAWN - ED | REVISED - |
| PLOT SCALE = 2.0000 ' / in. | CHECKED - DLD | REVISED - |
| PLOT DATE = 10/31/2018 | DATE - 10-31-2018 | REVISED - |

KANE COUNTY
DIVISION OF TRANSPORTATION

FABYAN PARKWAY
STANDARD DETAILS

| | | | | |
|-------------|---------------------|--------|--------------|---------------------------|
| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 8 | 17-00479-00-BR | KANE | 57 | 57 |
| | | | | CONTRACT NO. |
| SCALE: NONE | SHEET 6 OF 6 SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT |