

**FOR INDEX OF SHEETS,  
SEE SHEET NO. 2**

04-28-2023 LETTING ITEM 078

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID HIGHWAY

| FAURTE      | SECTION        | COUNTY             | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------------------|--------------|-----------|
| 5800 & 5801 | 20-00072-00-RS | DUPAGE             | 18           | 1         |
| ILLINOIS    |                | CONTRACT NO. 61J27 |              |           |

FOR UNDERGROUND UTILITY LOCATIONS CALL  
**JULIE.**  
CALL 811  
Call Before You Dig  
OR  
TOLL FREE (800) 862-0123  
illinois1call.com

**TRAFFIC DATA (COVINGTON DR.)**  
POSTED SPEED - 35 MPH  
2020 AADT = 2550  
MAJOR COLLECTOR

**TRAFFIC DATA (BRIGHTON DR.)**  
POSTED SPEED - 35 MPH  
2020 AADT = 1000  
MAJOR COLLECTOR

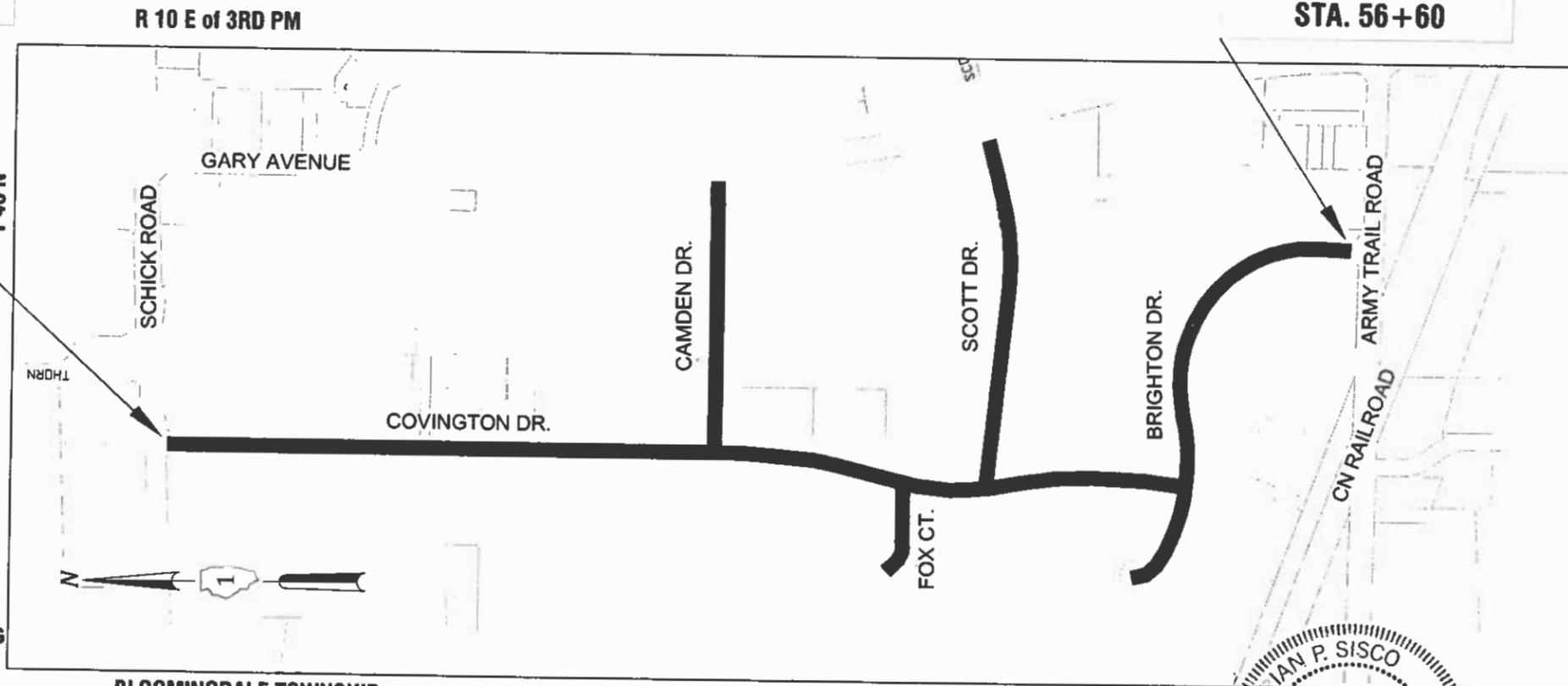
VARIOUS ROUTES  
RESURFACING  
SECTION NO. 20-00072-00-RS  
PROJECT NO. XJBL(596)  
VILLAGE OF BLOOMINGDALE  
DUPAGE COUNTY  
C-91-239-22

LOCATION OF SECTION



**BEGIN IMPROVEMENT  
STA. 0+40**

**END IMPROVEMENT  
STA. 56+60**



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

**CONTRACT NO. 61J27**

**GROSS AND NET LENGTH = 1.06 MILES = 5597 FT**

PROFESSIONAL ENGINEER'S SIGN & SEAL  
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS  
IAN P. SISCO  
EXP 11/30/23

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
APPROVED 2/7 20 23  
*[Signature]*  
VILLAGE OF BLOOMINGDALE  
PASSED 2-21 20 23  
*[Signature]*  
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS  
RELEASING FOR BID BASED ON LIMITED REVIEW FEB 16 20 23  
*[Signature]*  
REGIONAL ENGINEER

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

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL

**GENERAL NOTES**

- ALL REFERENCES TO THE "VILLAGE" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE VILLAGE OF BLOOMINGDALE
  - ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ON JANUARY 1, 2022.
  - PUBLIC OR PRIVATE UTILITIES - THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE AND ITS ENGINEER DO NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM. IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 105.07 OF THE "STANDARD SPECIFICATIONS" THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATED WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE "STANDARD SPECIFICATIONS"
  - COMBINATION CONCRETE CURB AND GUTTER - THE SPACE BETWEEN THE FACE OF THE NEW CURB AND THE EXISTING PAVEMENT SHALL BE FILLED WITH CLASS SI CONCRETE AND SHALL BE LEFT 2.5" BELOW THE GUTTER FLAG. CONCRETE BACKFILL SHALL BE INCLUDED IN THE COST OF "COMBINATION CONCRETE CURB AND GUTTER, TYPE 4.12" AND "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".
  - ALL CURB & GUTTER, SIDEWALK, PCC DRIVEWAY AND CLASS D PATCH AREAS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
  - PROPOSED CURB SHALL BE DEPRESSED AT ALL SIDEWALK AND DRIVEWAY LOCATIONS AS DETERMINED BY THE ENGINEER
  - RECYCLED RUBBER ADJUSTING RINGS - FOR WORK RELATED TO CATCH BASIN AND INLET INSTALLATION OR ADJUSTMENT, THE CONTRACTOR SHALL UTILIZE RECYCLED RUBBER ADJUSTING RINGS FOR THE TOP 2 INCHES OF ADJUSTMENT.
  - CONTRACTOR SHALL PROVIDE CONCRETE WASHOUT FACILITY THROUGHOUT CONSTRUCTION
  - ACCESS TO ABUTTING PROPERTY - THE CONTRACTOR SHALL MAINTAIN ACCESS TO ABUTTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT EXCEPT FOR PERIODS OF SHORT DURATION, AS APPROVED BY THE ENGINEER.
  - PROTECTIVE COAT - PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACES AND TOPS OF CURBS, SIDEWALKS AND PCC DRIVEWAYS.
  - EXISTING SIGNS - THE CONTRACTOR SHALL REMOVE EXISTING SIGNS IN CONFLICT WITH PROPOSED CONSTRUCTION, STORE THEM IN PROTECTED LOCATIONS AND REINSTALL THEM AFTER CONSTRUCTION AT THE DIRECTION OF THE ENGINEER AND AT NO ADDITIONAL COST TO THE CONTRACT. DAMAGE TO EXISTING SIGNS SHALL BE REPAIRED.
  - SAWING ASPHALT OR CONCRETE FOR REMOVAL ITEMS - THE WORK SHALL CONSIST OF SAWING JOINTS IN THE EXISTING ROADWAY, HMA SURFACE, DRIVEWAY PAVEMENT, CURB AND GUTTER AND SIDEWALK IN ORDER TO SEPARATE THOSE PORTIONS TO BE REMOVED FROM THOSE WHICH WILL REMAIN IN PLACE. THIS WORK SHALL BE PERFORMED AT THE LOCATIONS SPECIFIED ON THE PLANS AND/OR AS OTHERWISE DESIGNATED BY THE ENGINEER. IN AREAS OF FULL DEPTH REMOVAL, THE SAW CUTS SHALL ALSO BE FULL DEPTH. THE CONTRACTOR WILL BE REQUIRED TO SAW VERTICAL CUTS SO AS TO FORM CLEAN VERTICAL JOINTS. SHOULD THE CONTRACTOR DEFACE ANY EDGE, A NEW SAWED JOINT SHALL BE PROVIDED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE THICKNESS OF THE EXISTING PAVEMENT AND WHETHER OR NOT IT CONTAINS REINFORCEMENT.
- RESPONSIBILITY FOR VANDALISM - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEFACEMENT OF ANY CONCRETE POURS BEFORE THEY HAVE SET UP. CONCRETE SIDEWALK, DRIVEWAY PAVEMENT OR CURB AND GUTTER THAT HAS BEEN DEFACED, IN THE OPINION OF THE ENGINEER, SHALL BE REPAIRED OR REMOVED AND REPLACED BY THE CONTRACTOR.
  - CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

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- 7 OVERLAY & STRIPING - COVINGTON DR. STA. 19+00 TO 38+00
- 8 OVERLAY & STRIPING - COVINGTON DR. 38+00 TO 42+00 BRIGHTON DR. STA. 42+00 TO 51+50
- 9 OVERLAY & STRIPING - BRIGHTON DR. STA. 51+50 TO 56+50
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- 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424016-05 MIDBLOCK CURB RAMPS FOR SIDEWALKS
- 424021-06 DEPRESSED CORNER FOR SIDEWALKS
- 606001-08 CONCRETE CURB AND COMBINATION CONC. CURB AND GUTTER
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE - UNDIVIDED
- 701701-10 URBAN LANE CLOSURE MULTILANE INTERSECTION
- 701801-06 SIDEWALK CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
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- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-16 SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
- TC-22 ARTERIAL ROAD INFORMATION SIGN
- TS-07 DISTRICT ONE - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

|                                                                                                       |                    |            |                  |                                                                 |                                                                                                                |                    |                 |              |              |                  |  |  |
|-------------------------------------------------------------------------------------------------------|--------------------|------------|------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------|-----------------|--------------|--------------|------------------|--|--|
| VILLAGE OF BLOOMINGDALE<br>201 S. Bloomingtondale Road<br>Bloomingtondale, IL 60188<br>(630) 893-7000 | USER NAME =        | DESIGNED - | REVISED - 2/6/23 | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>INDEX OF SHEETS, HIGHWAY STANDARDS &amp; GENERAL NOTES</b><br><b>COVINGTON DR./BRIGHTON DR. RESURFACING</b> | F.A.U. RTE.        | SECTION         | COUNTY       | TOTAL SHEETS | SHEET NO.        |  |  |
|                                                                                                       |                    | DRAWN -    | REVISED -        |                                                                 |                                                                                                                | 5800 & 5801        | 20-00072-00-RS  | DUPAGE       | 18           | 2                |  |  |
|                                                                                                       | PLOT SCALE =       | CHECKED -  | REVISED -        |                                                                 |                                                                                                                | CONTRACT NO. 61J27 |                 |              |              |                  |  |  |
|                                                                                                       | PLOT DATE = 2/7/23 | DATE -     | REVISED -        |                                                                 |                                                                                                                | SCALE:             | SHEET OF SHEETS | STA. TO STA. | ILLINOIS     | FED. AID PROJECT |  |  |

| CODE NO.    | ITEM                                                    | UNIT  | TOTAL QUANTITY | CONSTRUCTION CODE    |                             |
|-------------|---------------------------------------------------------|-------|----------------|----------------------|-----------------------------|
|             |                                                         |       |                | 100% VILLAGE ROADWAY | 80% FED / 20% LOCAL ROADWAY |
|             |                                                         |       |                | 005 URBAN            | 005 URBAN                   |
| 21101615    | TOPSOIL FURNISH AND PLACE, 4"                           | SQ YD | 485            | 285                  | 200                         |
| 25200110    | SODDING, SALT TOLERANT                                  | SQ YD | 485            | 285                  | 200                         |
| 25200200    | SUPPLEMENTAL WATERING                                   | UNIT  | 26             | 15                   | 11                          |
| 28000250    | TEMPORARY EROSION CONTROL SEEDING                       | POUND | 20             | 12                   | 8                           |
| 40600290    | BITUMINOUS MATERIALS (TACK COAT)                        | POUND | 26485          | 10235                | 16250                       |
| 40600400    | MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS               | TON   | 60             | 23                   | 37                          |
| 40600982    | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT            | SQ YD | 575            | 175                  | 400                         |
| 40603200    | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | TON   | 2200           | 850                  | 1350                        |
| 40604060    | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50    | TON   | 3294           | 1273                 | 2021                        |
| 42001300    | PROTECTIVE COAT                                         | SQ YD | 641            | 501                  | 140                         |
| 42300200    | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH      | SQ YD | 71             | 71                   |                             |
| 42400200    | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH                | SQ FT | 2600           | 2600                 |                             |
| 42400800    | DETECTABLE WARNINGS                                     | SQ FT | 100            | 100                  |                             |
| 44000159    | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"                 | SQ YD | 38659          | 14988                | 23671                       |
| 44000200    | DRIVEWAY PAVEMENT REMOVAL                               | SQ YD | 197            | 197                  |                             |
| 44000500    | COMBINATION CURB AND GUTTER REMOVAL                     | FOOT  | 1560           | 960                  | 600                         |
| 44000600    | SIDEWALK REMOVAL                                        | SQ FT | 2600           | 2600                 |                             |
| 44201709    | CLASS D PATCHES, TYPE III, 5 INCH                       | SQ YD | 1100           | 300                  | 800                         |
| 60250200    | CATCH BASINS TO BE ADJUSTED                             | EACH  | 6              | 3                    | 3                           |
| 60260100    | INLETS TO BE ADJUSTED                                   | EACH  | 6              | 3                    | 3                           |
| 60603800    | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12       | FOOT  | 1560           | 960                  | 600                         |
| 67100100    | MOBILIZATION                                            | LSUM  | 1              | 0.2                  | 0.8                         |
| 70102620    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501         | LSUM  | 1              | 0.2                  | 0.8                         |
| 70102640    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801         | LSUM  | 1              | 0.2                  | 0.8                         |
| 70300100    | SHORT TERM PAVEMENT MARKING                             | FOOT  | 1235           | 450                  | 785                         |
| 70300150    | SHORT TERM PAVEMENT MARKING REMOVAL                     | SQ FT | 618            | 225                  | 393                         |
| # 72000100  | SIGN PANEL - TYPE 1                                     | SQ FT | 30             |                      | 30                          |
| # 72800100  | TELESCOPING STEEL SIGN SUPPORT                          | FOOT  | 120            |                      | 120                         |
| # 78000100  | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS    | SQ FT | 535            | 150                  | 385                         |
| # 78000200  | THERMOPLASTIC PAVEMENT MARKING - LINE 4"                | FOOT  | 11200          | 600                  | 10600                       |
| # 78000300  | THERMOPLASTIC PAVEMENT MARKING - LINE 5"                | FOOT  | 10300          |                      | 10300                       |
| # 78000400  | THERMOPLASTIC PAVEMENT MARKING - LINE 6"                | FOOT  | 505            | 330                  | 175                         |
| # 78000650  | THERMOPLASTIC PAVEMENT MARKING - LINE 24"               | FOOT  | 219            | 95                   | 124                         |
| *# 88600600 | DETECTOR LOOP REPLACEMENT                               | FOOT  | 70             | 70                   |                             |
| ^ 20030850  | TEMPORARY INFORMATION SIGNING                           | SQ FT | 51.4           |                      | 51.4                        |
| ^ 20076600  | TRAINEES                                                | HOUR  | 500            |                      | 500                         |
| ^ 20076604  | TRAINEES TRAINING PROGRAM GRADUATE                      | HOUR  | 500            |                      | 500                         |

\* SPECIAL PROVISION # SPECIALTY ITEMS

^ 0042

VILLAGE OF BLOOMINGDALE  
201 S. Bloomingdale Road  
Bloomingdale, IL 60188  
(630) 893-7000

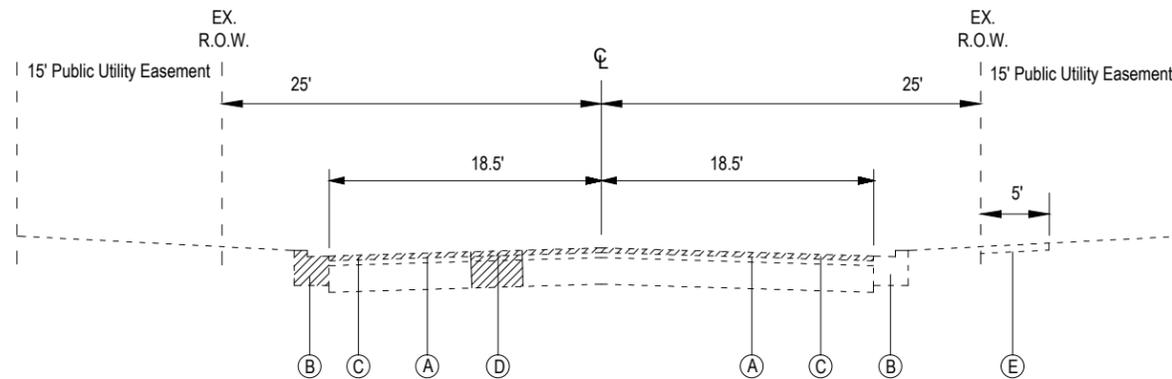
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|--------------------|------------|------------------|
| USER NAME =        | DESIGNED - | REVISED - 2/6/23 |
|                    | DRAWN -    | REVISED -        |
| PLOT SCALE =       | CHECKED -  | REVISED -        |
| PLOT DATE = 2/7/23 | DATE -     | REVISED -        |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

|                         |                        |                           |                 |             |
|-------------------------|------------------------|---------------------------|-----------------|-------------|
| F.A.U. RTE. 6600 & 6601 | SECTION 20-00072-00-RS | COUNTY DUPAGE             | TOTAL SHEETS 18 | SHEET NO. 3 |
|                         |                        | CONTRACT NO. 61J27        |                 |             |
|                         |                        | ILLINOIS FED. AID PROJECT |                 |             |



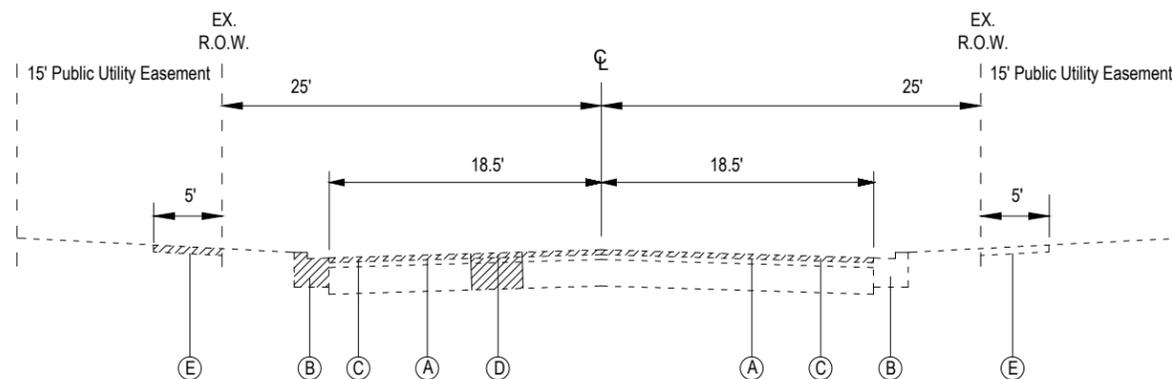
**EXISTING TYPICAL SECTION**

COVINGTON DRIVE STA. 0+00 TO 41+50  
BRIGHTON DRIVE 42+00 TO 56+60

**EXISTING LEGEND**

- (A) HMA SURFACE & BINDER , 5" (approx.)
- (B) CONCRETE CURB AND GUTTER
- (C) HMA SURFACE REMOVAL - 2.5"
- (D) CLASS D PATCH - 5"
- (E) PCC SIDEWALK 5 INCH

REMOVAL ITEMS



**EXISTING TYPICAL SECTION**

CAMDEN DRIVE STA 0+00 TO 10+82  
SCOTT DRIVE STA 0+00 TO 14+26  
FOX CT. STA 0+00 TO 3+40

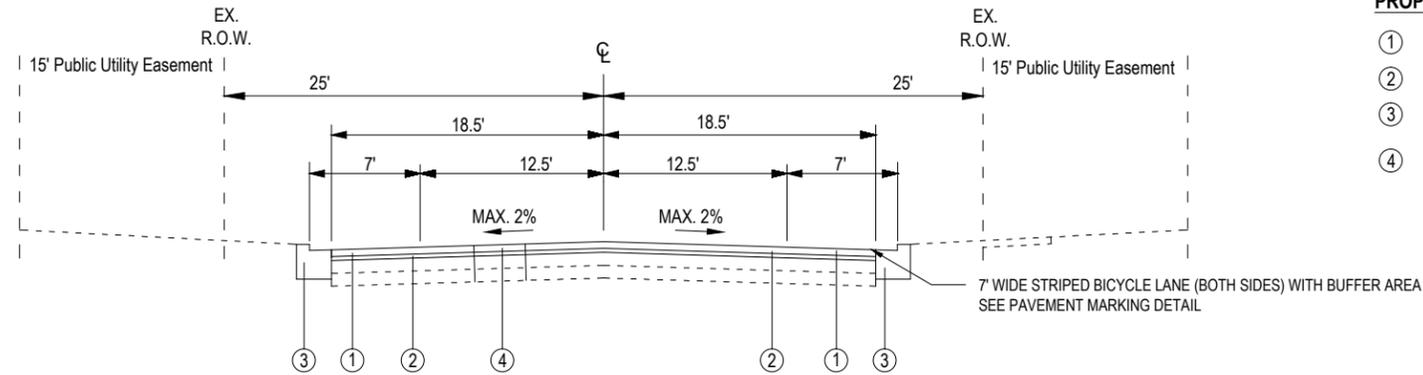
**EXISTING LEGEND**

- (A) HMA SURFACE & BINDER , 5" (approx.)
- (B) CONCRETE CURB AND GUTTER
- (C) HMA SURFACE REMOVAL - 2.5"
- (D) CLASS D PATCH - 5"
- (E) PCC SIDEWALK 5 INCH

REMOVAL ITEMS

|                    |            |                  |
|--------------------|------------|------------------|
| USER NAME =        | DESIGNED - | REVISED - 2/6/23 |
|                    | DRAWN -    | REVISED -        |
| PLOT SCALE =       | CHECKED -  | REVISED -        |
| PLOT DATE = 2/7/23 | DATE -     | REVISED -        |

|                    |                |                  |              |           |
|--------------------|----------------|------------------|--------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 5800 & 5801        | 20-00072-00-RS | DUPAGE           | 18           | 4         |
| CONTRACT NO. 61J27 |                |                  |              |           |
| ILLINOIS           |                | FED. AID PROJECT |              |           |

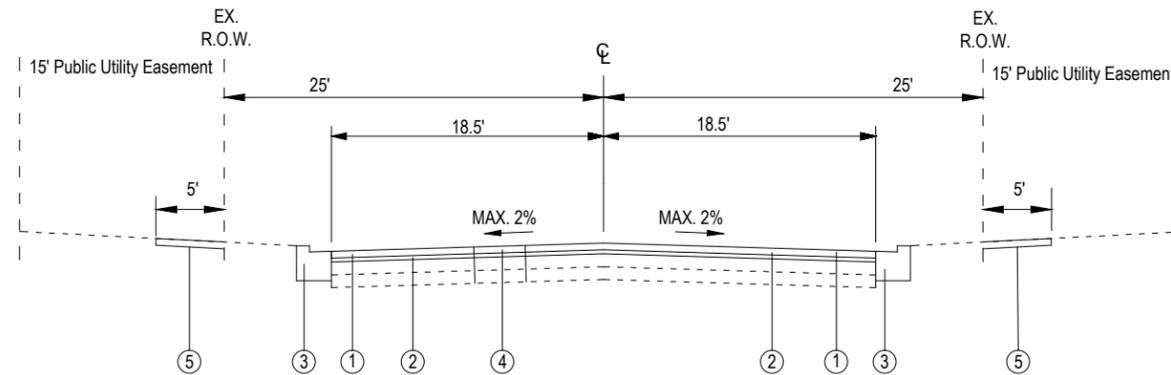


**PROPOSED LEGEND**

- ① HMA SURFACE COURSE, MIX "D", N50 (1.5")
- ② POLYMERIZED HMA BINDER COURSE, IL4.75, N50 (1")
- ③ COMBINATION CONCRETE CURB AND GUTTER REMOVE AND REPLACE (AS NEEDED - LOCATIONS DETERMINED BY THE ENGINEER)
- ④ CLASS D PATCH

**PROPOSED TYPICAL SECTION**

COVINGTON DRIVE STA. 0+00 TO 41+50  
BRIGHTON DRIVE 42+00 TO 56+60



**PROPOSED LEGEND**

- ① HMA SURFACE COURSE, MIX "D", N50 (1.5")
- ② POLYMERIZED HMA BINDER COURSE, IL4.75, N50 (1")
- ③ COMBINATION CONCRETE CURB AND GUTTER REMOVE AND REPLACE (AS NEEDED - LOCATIONS DETERMINED BY THE ENGINEER)
- ④ CLASS D PATCH
- ⑤ PCC SIDEWALK 5 INCH (AS NEEDED - LOCATIONS DETERMINED BY THE ENGINEER)

**PROPOSED TYPICAL SECTION**

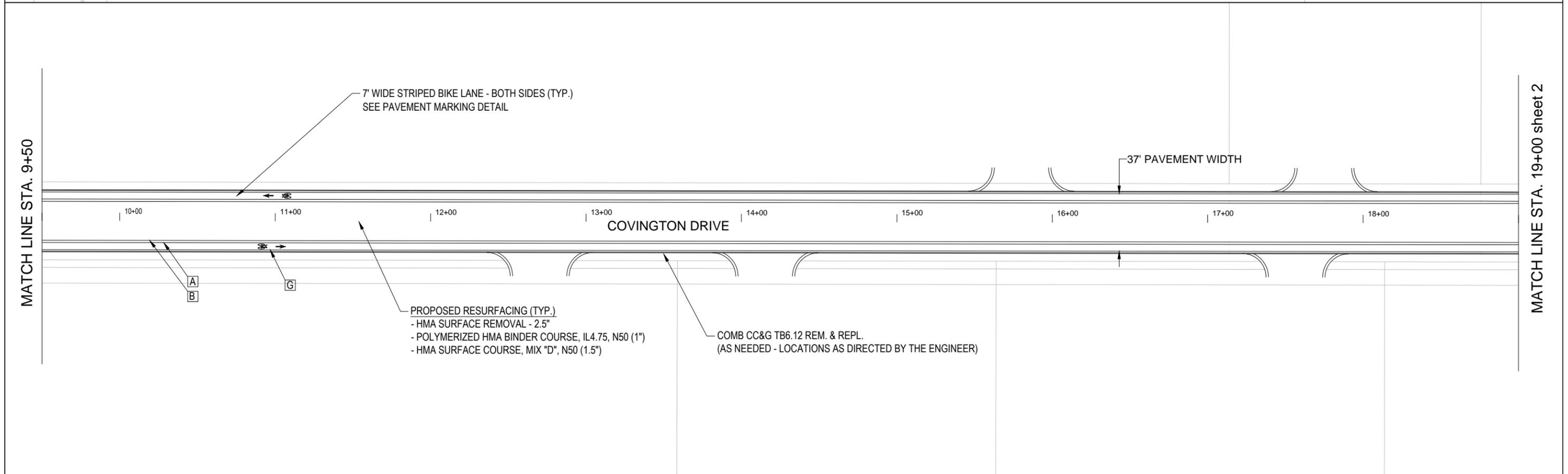
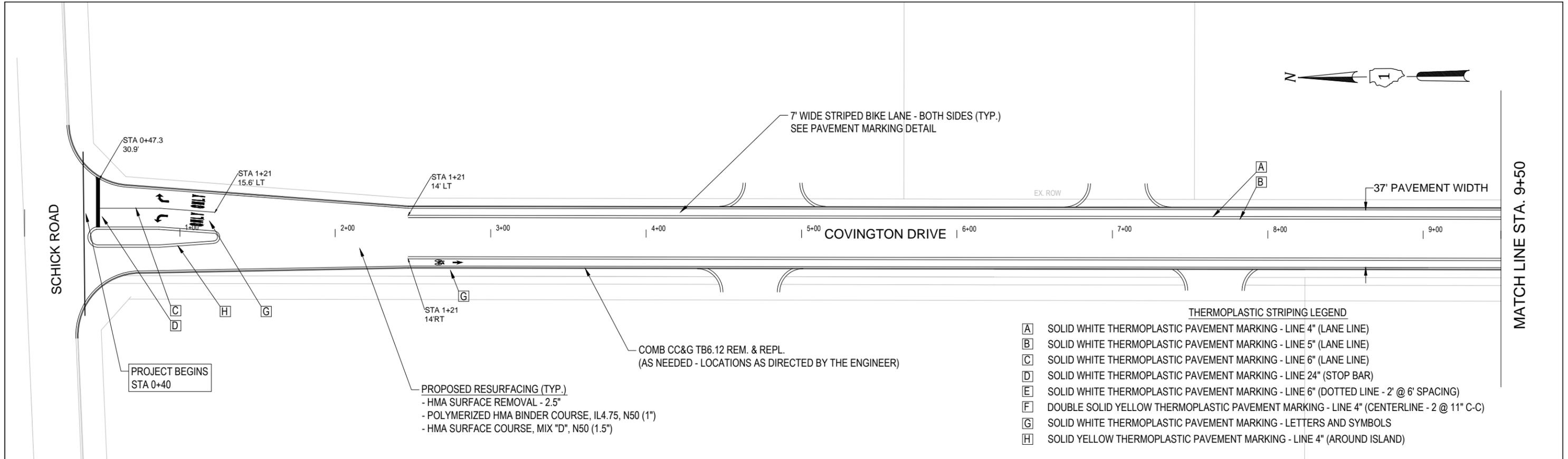
CAMDEN DRIVE STA 0+00 TO 10+82  
SCOTT DRIVE STA 0+00 TO 14+26  
FOX CT. STA 0+00 TO 3+40

| HOT-MIX ASPHALT MIXTURE REQUIREMENTS                    |                  |           |
|---------------------------------------------------------|------------------|-----------|
| MIXTURE TYPE                                            | AIR VOIDS @ Ndes | QMP       |
| POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | 3.5% @ 50 Gyr.   | LR 1030-2 |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50    | 4% @ 50 Gyr.     | LR 1030-2 |
| CLASS D PATCH (HMA BINDER, IL-19.0, N50)                | 4% @ 50 Gyr.     | LR 1030-2 |
| QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE      |                  |           |

THE UNIT WEIGHT USED TO CALCULATED ALL HOT-MIX SURFACE 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 RECLAIMED MATERIALS SPECIFICATIONS.

|                    |            |                  |
|--------------------|------------|------------------|
| USER NAME =        | DESIGNED - | REVISED - 2/6/23 |
|                    | DRAWN -    | REVISED -        |
| PLOT SCALE =       | CHECKED -  | REVISED -        |
| PLOT DATE = 2/7/23 | DATE -     | REVISED -        |

|                           |                        |               |                 |             |
|---------------------------|------------------------|---------------|-----------------|-------------|
| F.A.U. RTE. 5800 & 5801   | SECTION 20-00072-00-RS | COUNTY DUPAGE | TOTAL SHEETS 18 | SHEET NO. 5 |
| CONTRACT NO. 61J27        |                        |               |                 |             |
| ILLINOIS FED. AID PROJECT |                        |               |                 |             |



VILLAGE OF BLOOMINGDALE  
 201 S. Bloomington Road  
 Bloomington, IL 60188  
 (630) 893-7000

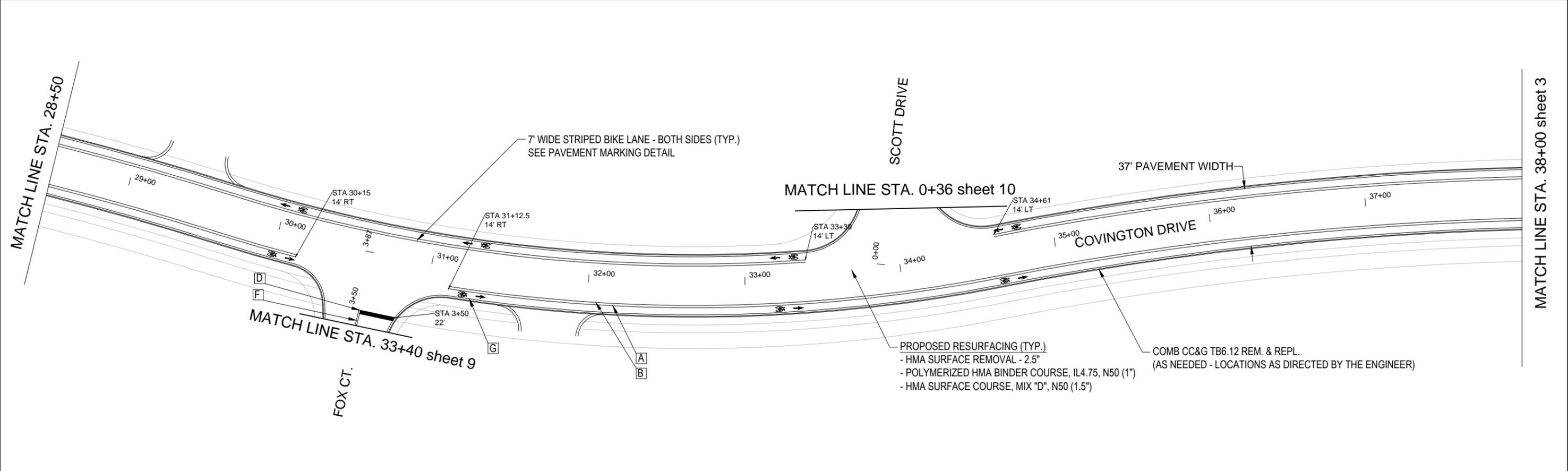
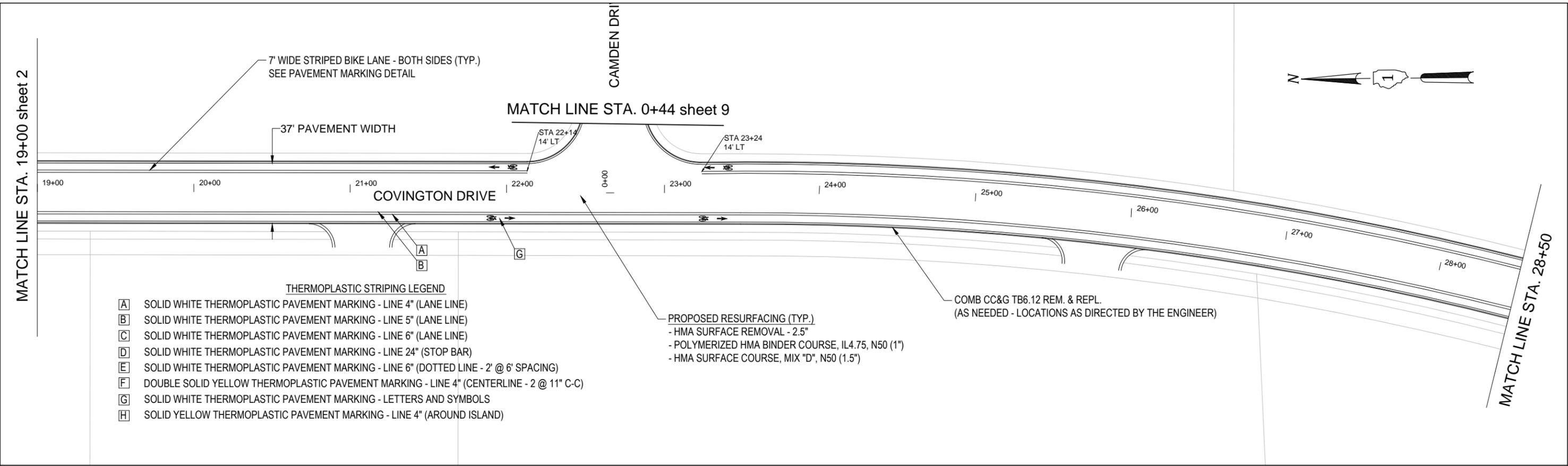
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| USER NAME =         | DESIGNED - | REVISED - 2/6/23 |
| PLOT SCALE 1" = 60' | DRAWN -    | REVISED -        |
| PLOT DATE = 2/7/23  | CHECKED -  | REVISED -        |
|                     | DATE -     | REVISED -        |

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

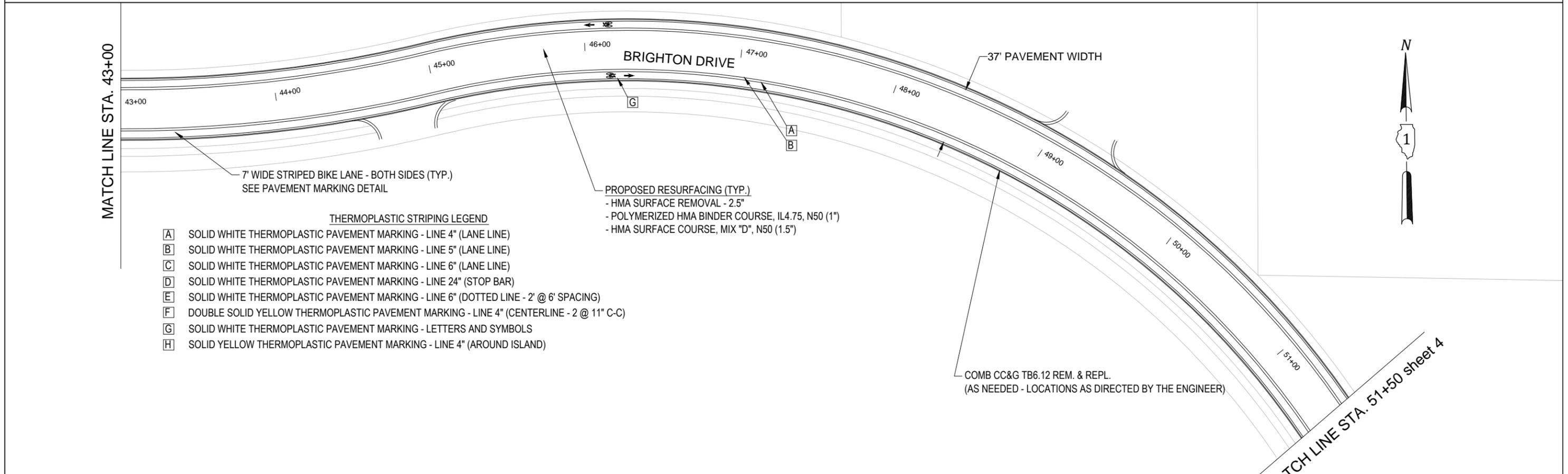
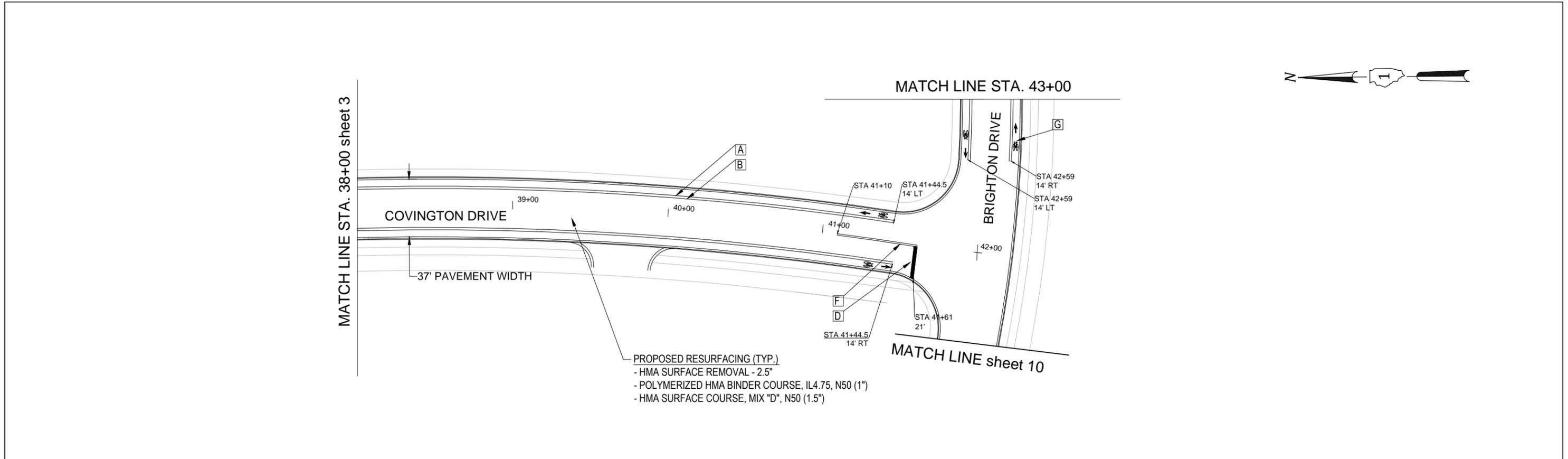
**OVERLAY & STRIPING PLAN**  
**COVINGTON DR./BRIGHTON DR. RESURFACING**

SCALE: 1"=30'      SHEET OF SHEETS      STA. 0+00 TO STA. 19+00

|                         |                        |                    |                  |             |
|-------------------------|------------------------|--------------------|------------------|-------------|
| F.A.U. RTE. 5800 & 5801 | SECTION 20-00072-00-RS | COUNTY DUPAGE      | TOTAL SHEETS 18  | SHEET NO. 6 |
|                         |                        | CONTRACT NO. 61J27 |                  |             |
|                         |                        | ILLINOIS           | FED. AID PROJECT |             |

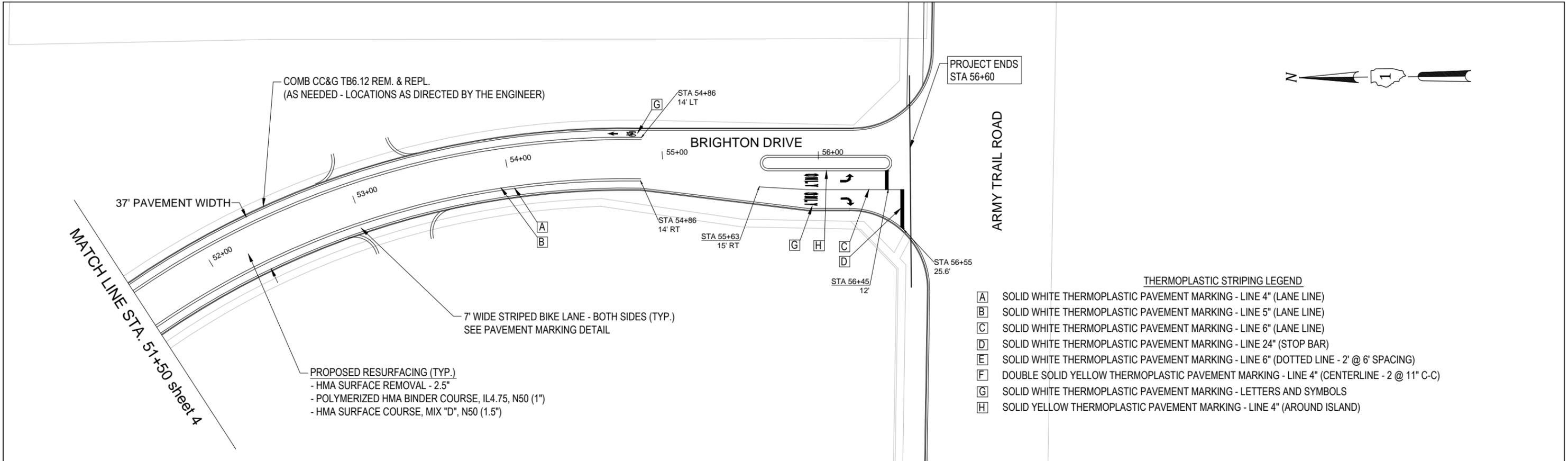


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|--------------------------------------------------------------------------------------------------------|---------------------|------------|------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------|----|--------|--------------------|------------------|--------|--------------|-----------|
| <b>VILLAGE OF BLOOMINGDALE</b><br>201 S. Bloomingdale Road<br>Bloomingdale, IL 60188<br>(630) 893-7000 | USER NAME =         | DESIGNED - | REVISED - 2/6/23 | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>OVERLAY &amp; STRIPING PLAN</b><br><b>COVINGTON DR./BRIGHTON DR. RESURFACING</b> |    |        | F.A.U. RTE.        | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|                                                                                                        | PLOT SCALE 1" = 60' | DRAWN -    | REVISED -        |                                                                 |                                                                                     |    |        | 5800 & 5801        | 20-00072-00-RS   | DUPAGE | 18           | 7         |
|                                                                                                        | PLOT DATE = 2/7/23  | CHECKED -  | REVISED -        |                                                                 |                                                                                     |    |        | CONTRACT NO. 61J27 |                  |        |              |           |
|                                                                                                        |                     | DATE -     | REVISED -        |                                                                 |                                                                                     |    |        | ILLINOIS           | FED. AID PROJECT |        |              |           |
|                                                                                                        |                     |            |                  | SCALE: 1" = 30'                                                 | SHEET                                                                               | OF | SHEETS | STA. 19+00         | TO STA. 38+00    |        |              |           |



- THERMOPLASTIC STRIPING LEGEND**
- [A] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (LANE LINE)
  - [B] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 5" (LANE LINE)
  - [C] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (LANE LINE)
  - [D] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24" (STOP BAR)
  - [E] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED LINE - 2' @ 6' SPACING)
  - [F] DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" (CENTERLINE - 2 @ 11" C-C)
  - [G] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
  - [H] SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" (AROUND ISLAND)

|                                                                                                 |                       |            |                  |                                                                 |                                                                                     |                    |                |                          |              |           |                  |
|-------------------------------------------------------------------------------------------------|-----------------------|------------|------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|----------------|--------------------------|--------------|-----------|------------------|
| VILLAGE OF BLOOMINGDALE<br>201 S. Bloomingdale Road<br>Bloomingdale, IL 60188<br>(630) 893-7000 | USER NAME =           | DESIGNED - | REVISED - 2/6/23 | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>OVERLAY &amp; STRIPING PLAN</b><br><b>COVINGTON DR./BRIGHTON DR. RESURFACING</b> | F.A.U. RTE.        | SECTION        | COUNTY                   | TOTAL SHEETS | SHEET NO. |                  |
|                                                                                                 | PLOT SCALE = 1" = 60' | DRAWN -    | REVISED -        |                                                                 |                                                                                     | 5800 & 5801        | 20-00072-00-RS | DUPAGE                   | 18           | 8         |                  |
|                                                                                                 | PLOT DATE = 2/7/23    | CHECKED -  | REVISED -        |                                                                 |                                                                                     | CONTRACT NO. 61J27 |                |                          |              |           |                  |
|                                                                                                 |                       |            |                  | SCALE: 1"=30'                                                   |                                                                                     | SHEET OF SHEETS    |                | STA. 38+00 TO STA. 51+50 |              | ILLINOIS  | FED. AID PROJECT |



- THERMOPLASTIC STRIPING LEGEND**
- [A] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (LANE LINE)
  - [B] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 5" (LANE LINE)
  - [C] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (LANE LINE)
  - [D] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24" (STOP BAR)
  - [E] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED LINE - 2' @ 6' SPACING)
  - [F] DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" (CENTERLINE - 2 @ 11" C-C)
  - [G] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
  - [H] SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" (AROUND ISLAND)

VILLAGE OF BLOOMINGDALE  
 201 S. Bloomingdale Road  
 Bloomingdale, IL 60188  
 (630) 893-7000

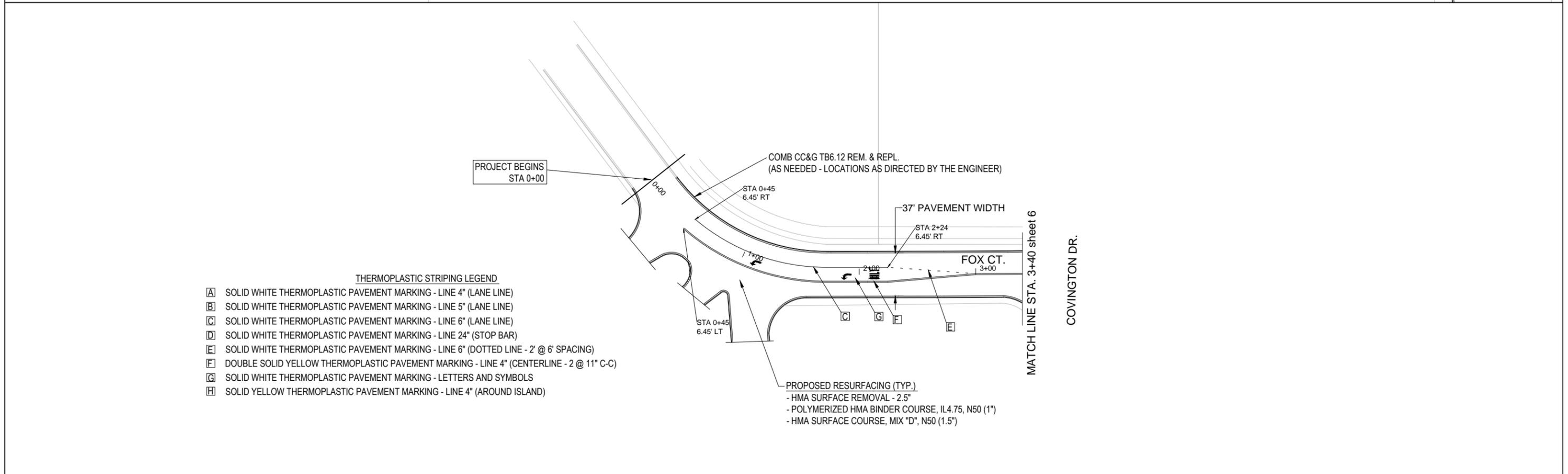
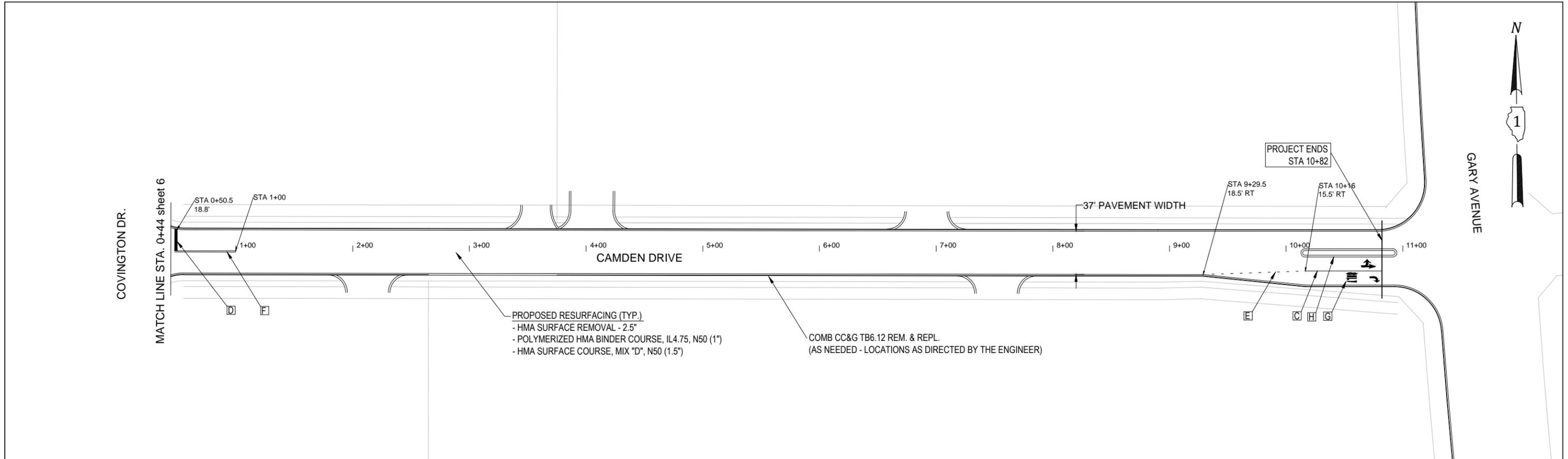
|                     |            |                  |
|---------------------|------------|------------------|
| USER NAME =         | DESIGNED - | REVISED - 2/6/23 |
|                     | DRAWN -    | REVISED -        |
| PLOT SCALE 1" = 60' | CHECKED -  | REVISED -        |
| PLOT DATE = 2/7/23  | DATE -     | REVISED -        |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**OVERLAY & STRIPING PLAN  
 COVINGTON DR./BRIGHTON DR. RESURFACING**

SCALE: 1" = 30'      SHEET OF SHEETS      STA. 51+50 TO STA. 56+50

|                    |                |          |                  |           |
|--------------------|----------------|----------|------------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY   | TOTAL SHEETS     | SHEET NO. |
| 5800 & 5801        | 20-00072-00-RS | DUPAGE   | 18               | 9         |
| CONTRACT NO. 61J27 |                |          |                  |           |
|                    |                | ILLINOIS | FED. AID PROJECT |           |



- THERMOPLASTIC STRIPING LEGEND**
- [A] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (LANE LINE)
  - [B] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 5" (LANE LINE)
  - [C] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (LANE LINE)
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  - [G] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
  - [H] SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" (AROUND ISLAND)

VILLAGE OF BLOOMINGDALE  
 201 S. Bloomingdale Road  
 Bloomingdale, IL 60188  
 (630) 893-7000

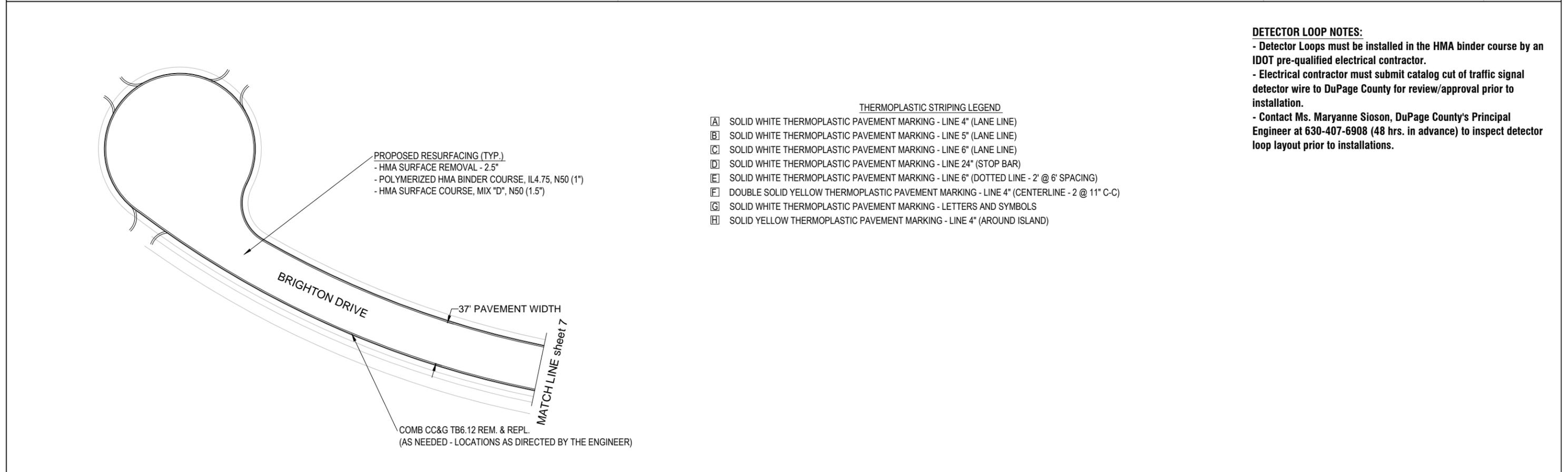
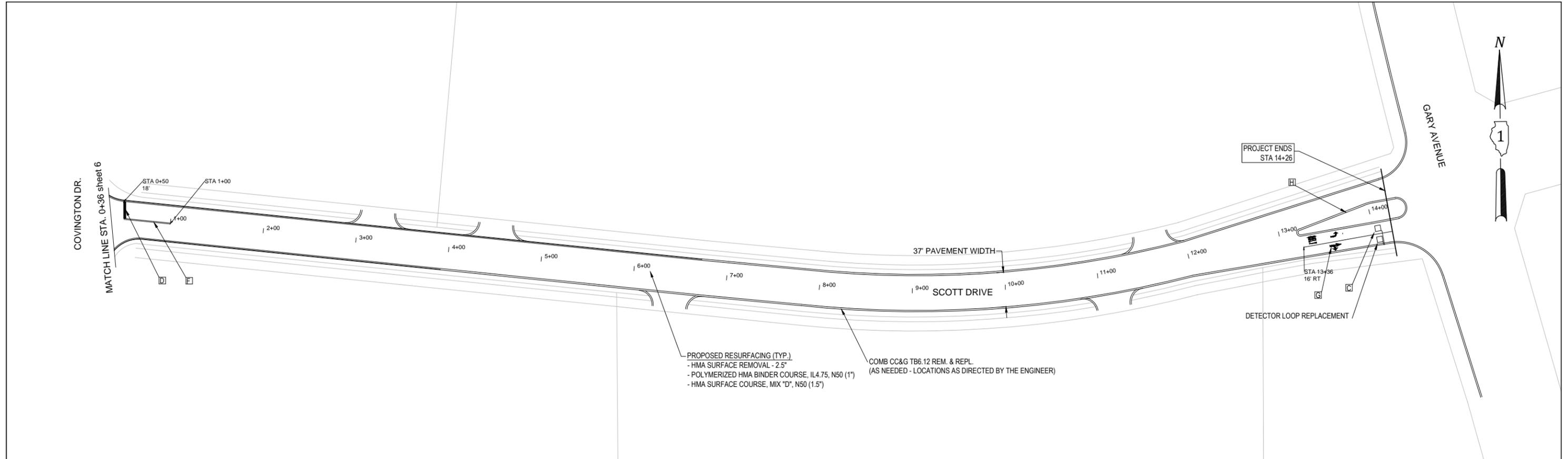
|                     |            |                  |
|---------------------|------------|------------------|
| USER NAME =         | DESIGNED - | REVISED - 2/6/23 |
|                     | DRAWN -    | REVISED -        |
| PLOT SCALE 1" = 80' | CHECKED -  | REVISED -        |
| PLOT DATE = 2/7/23  | DATE -     | REVISED -        |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OVERLAY & STRIPING PLAN  
 CAMDEN DR / FOX CT.

|               |       |    |        |      |         |
|---------------|-------|----|--------|------|---------|
| SCALE: 1"=40' | SHEET | OF | SHEETS | STA. | TO STA. |
|---------------|-------|----|--------|------|---------|

|                    |                |                  |              |           |
|--------------------|----------------|------------------|--------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 5800 & 5801        | 20-00072-00-RS | DUPAGE           | 18           | 10        |
| CONTRACT NO. 61J27 |                |                  |              |           |
| ILLINOIS           |                | FED. AID PROJECT |              |           |

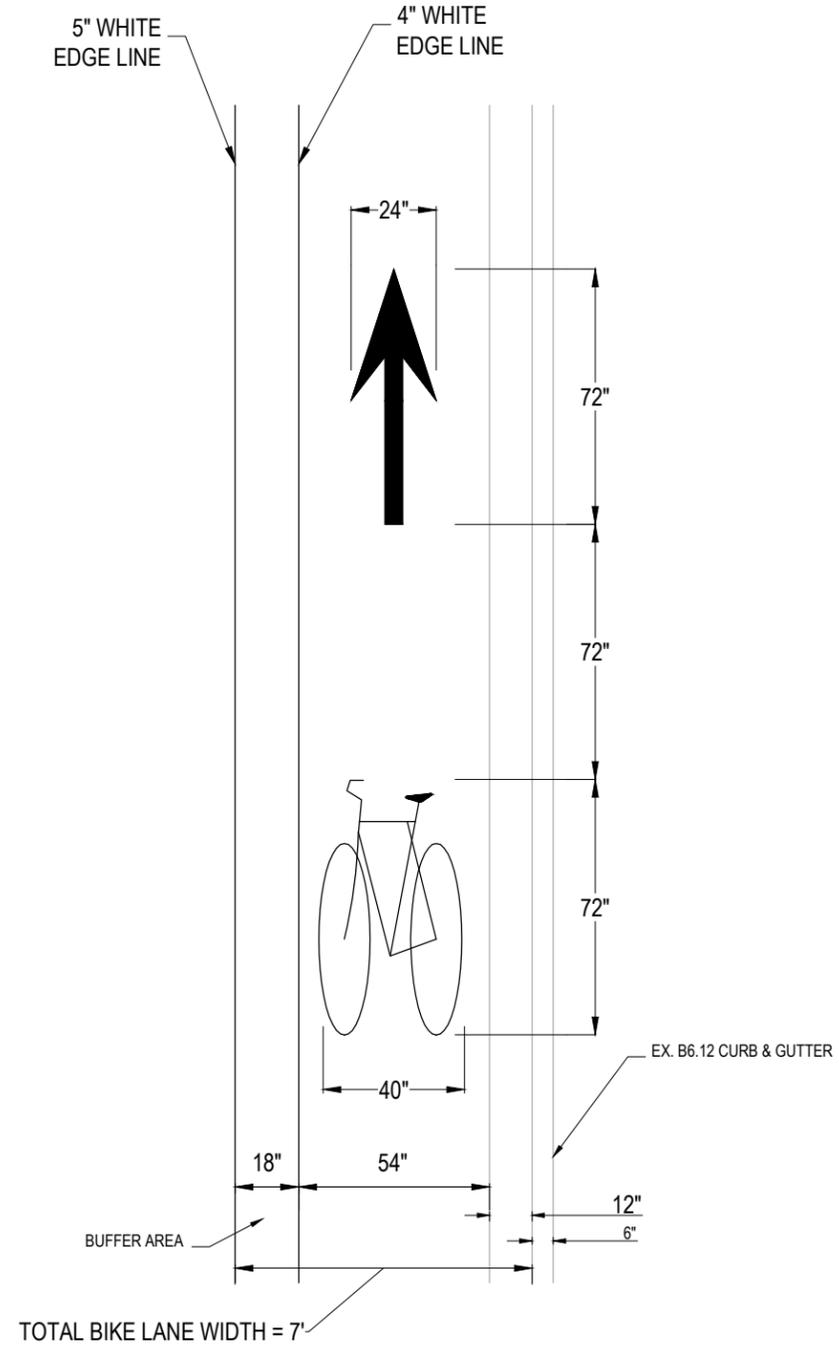


**DETECTOR LOOP NOTES:**

- Detector Loops must be installed in the HMA binder course by an IDOT pre-qualified electrical contractor.
- Electrical contractor must submit catalog cut of traffic signal detector wire to DuPage County for review/approval prior to installation.
- Contact Ms. Maryanne Sioson, DuPage County's Principal Engineer at 630-407-6908 (48 hrs. in advance) to inspect detector loop layout prior to installations.

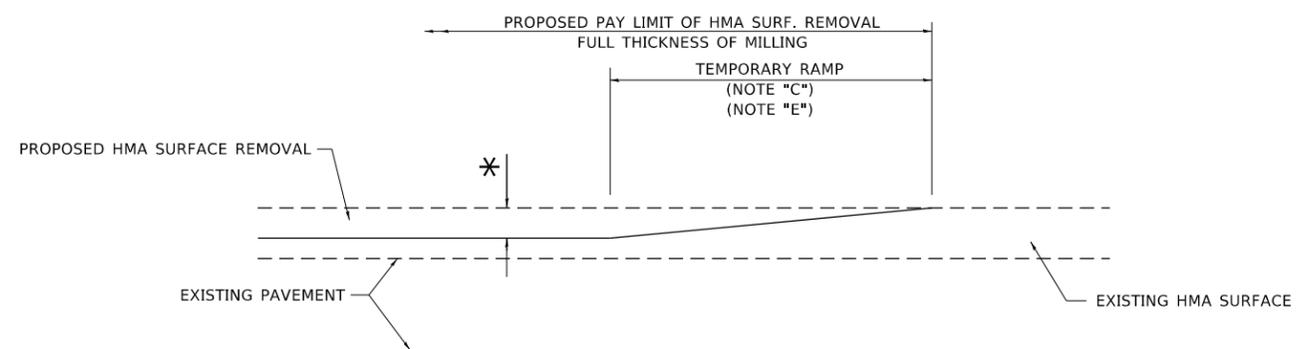
- THERMOPLASTIC STRIPING LEGEND**
- [A] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (LANE LINE)
  - [B] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 5" (LANE LINE)
  - [C] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (LANE LINE)
  - [D] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24" (STOP BAR)
  - [E] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED LINE - 2' @ 6' SPACING)
  - [F] DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" (CENTERLINE - 2 @ 11" C-C)
  - [G] SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
  - [H] SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" (AROUND ISLAND)

|                                                                                                        |                     |            |                  |                                                                 |                                                                       |              |          |                    |                |        |              |           |
|--------------------------------------------------------------------------------------------------------|---------------------|------------|------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------|--------------|----------|--------------------|----------------|--------|--------------|-----------|
| <b>VILLAGE OF BLOOMINGDALE</b><br>201 S. Bloomingdale Road<br>Bloomingdale, IL 60188<br>(630) 893-7000 | USER NAME =         | DESIGNED - | REVISED - 2/6/23 | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>OVERLAY &amp; STRIPING PLAN</b><br><b>SCOTT DR. / BRIGHTON DR.</b> |              |          | F.A.U. RTE.        | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|                                                                                                        | PLOT SCALE 1" = 80' | DRAWN -    | REVISED -        |                                                                 |                                                                       |              |          | 5800 & 5801        | 20-00072-00-RS | DUPAGE | 18           | 11        |
|                                                                                                        | PLOT DATE = 2/7/23  | CHECKED -  | REVISED -        |                                                                 |                                                                       |              |          | CONTRACT NO. 61J27 |                |        |              |           |
|                                                                                                        | DATE -              | REVISED -  |                  | SCALE: 1" = 40'                                                 | SHEET OF SHEETS                                                       | STA. TO STA. | ILLINOIS | FED. AID PROJECT   |                |        |              |           |



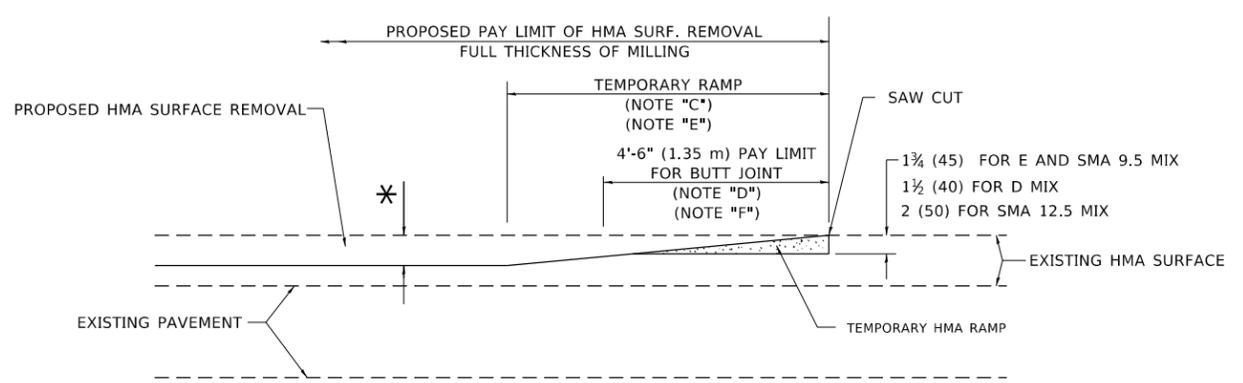
**PAVEMENT MARKING DETAIL**  
 7' WIDE BICYCLE LANE (WITH BUFFER AREA)

|                                                                                                 |                    |            |                  |                                                                 |                                                                          |                 |              |             |                  |        |              |           |
|-------------------------------------------------------------------------------------------------|--------------------|------------|------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------|-----------------|--------------|-------------|------------------|--------|--------------|-----------|
| VILLAGE OF BLOOMINGDALE<br>201 S. Bloomingdale Road<br>Bloomingdale, IL 60188<br>(630) 893-7000 | USER NAME =        | DESIGNED - | REVISED - 2/6/23 | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>BIKE LANE DETAIL</b><br><b>COVINGTON DR./BRIGHTON DR. RESURFACING</b> |                 |              | F.A.U. RTE. | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|                                                                                                 |                    | DRAWN -    | REVISED -        |                                                                 | 5800 & 5801                                                              | 20-00072-00-RS  | DUPAGE       | 18          | 12               |        |              |           |
|                                                                                                 | PLOT SCALE =       | CHECKED -  | REVISED -        |                                                                 | CONTRACT NO. 61J27                                                       |                 |              |             |                  |        |              |           |
|                                                                                                 | PLOT DATE = 2/7/23 | DATE -     | REVISED -        |                                                                 | SCALE:                                                                   | SHEET OF SHEETS | STA. TO STA. | ILLINOIS    | FED. AID PROJECT |        |              |           |



**MILLED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

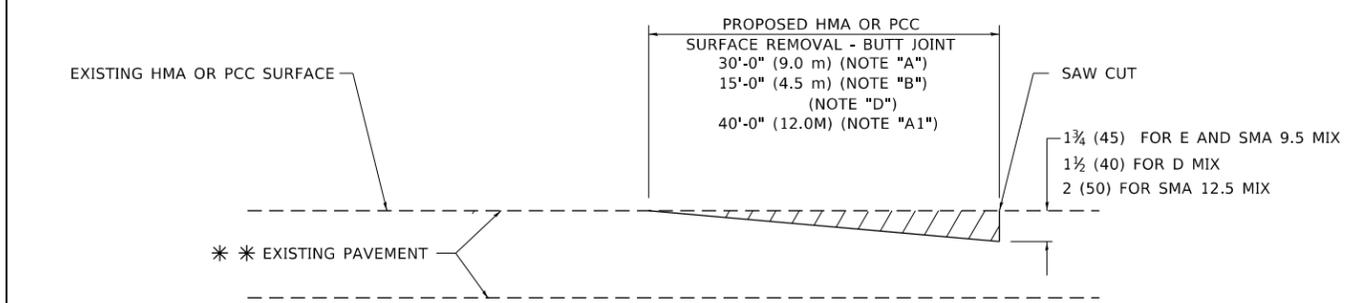
**OPTION 1**



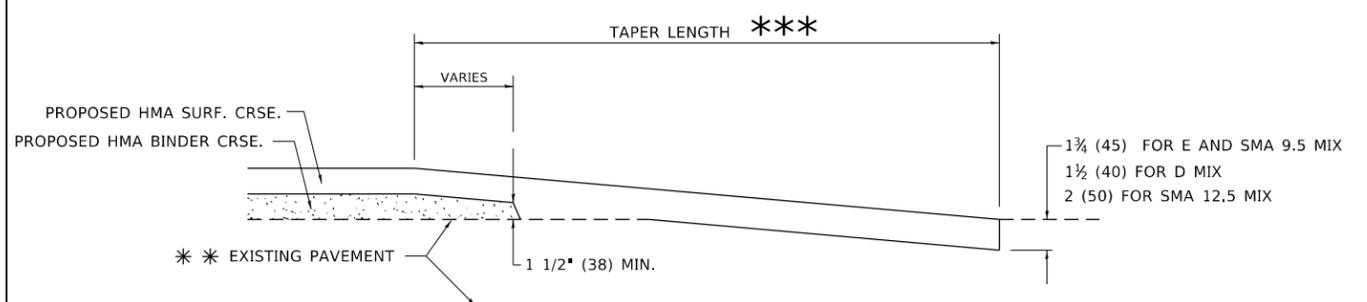
**HMA CONSTRUCTED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

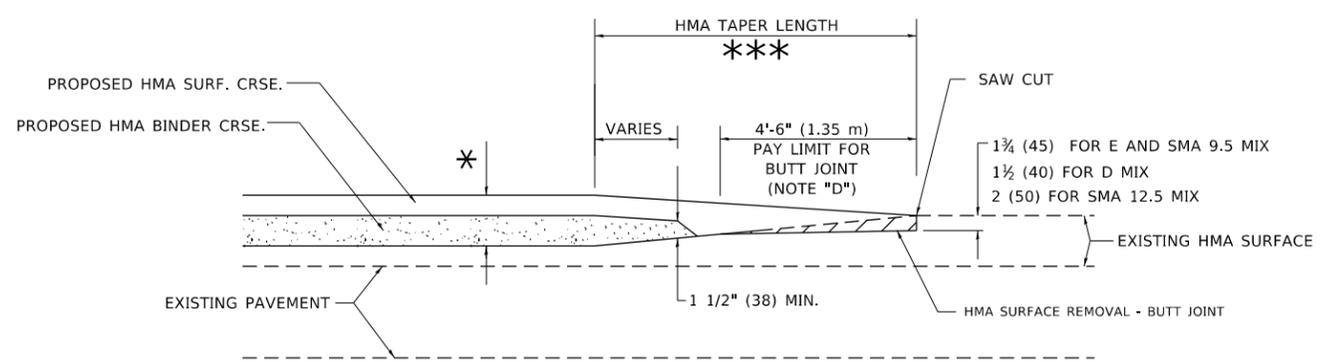
\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**GENERAL NOTES**

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.  
\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".  
\*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT**

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.



**BUTT JOINT AND HMA TAPER**

Type text here

**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

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

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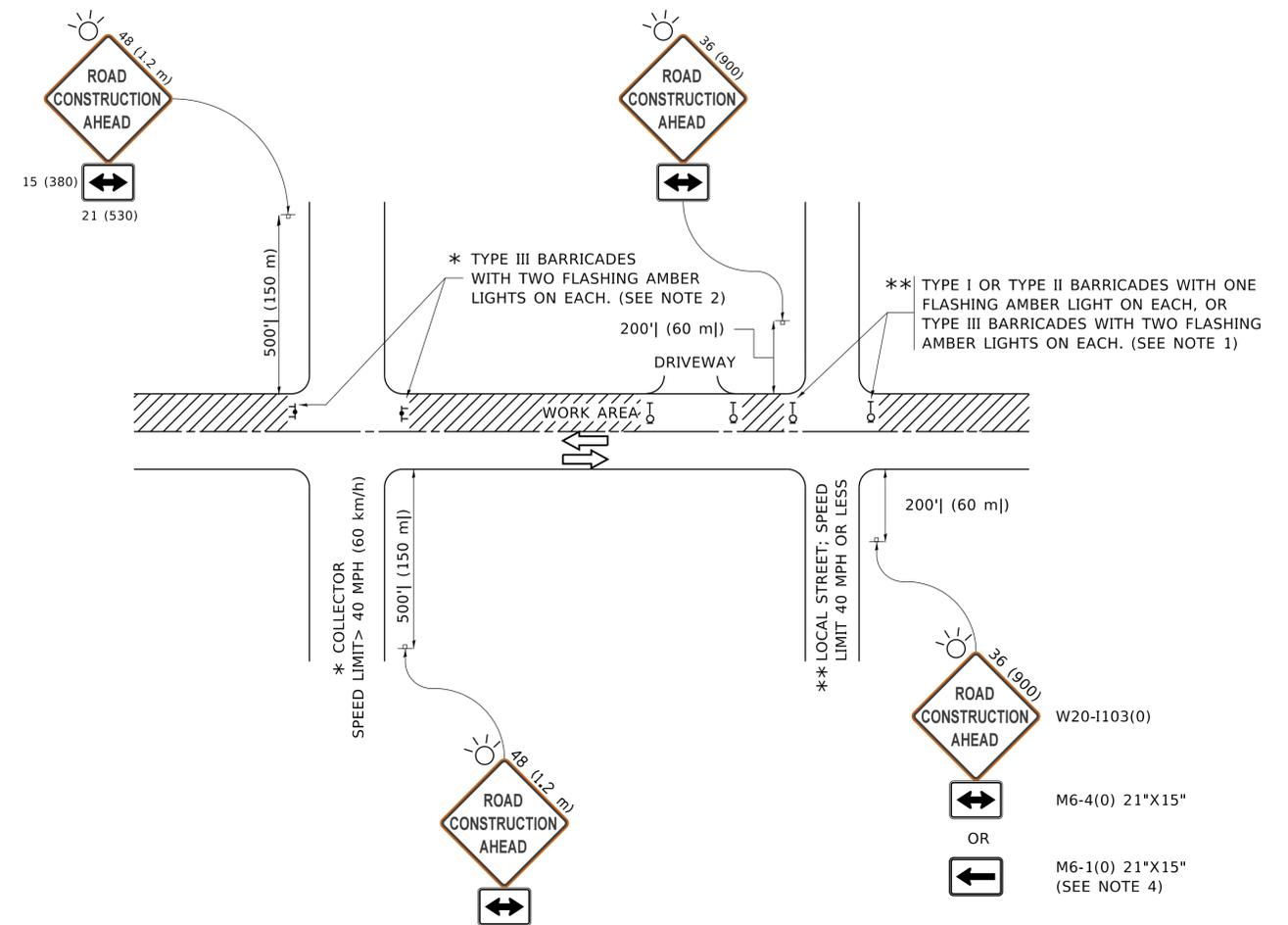
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|-------------------------------|-----------------------|-----------------------------|
| USER NAME = Lawrence,DeManche | DESIGNED - M. DE YONG | REVISED - A. ABBAS 03-21-97 |
|                               | DRAWN -               | REVISED - M. GOMEZ 04-06-01 |
| PLOT SCALE = 100.0000' / in.  | CHECKED -             | REVISED - R. BORO 01-01-07  |
| PLOT DATE = 11/18/2022        | DATE - 06-13-90       | REVISED - K. SMITH 11-18-22 |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

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

| F.A. RTE.                 | SECTION        | COUNTY             | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------------------|--------------|-----------|
|                           | 20-00072-00-RS | DUPAGE             | 13           | 18        |
| <b>BD400-05 BD-32</b>     |                | CONTRACT NO. 61J27 |              |           |
| ILLINOIS FED. AID PROJECT |                |                    |              |           |



**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.
- 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.

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|                             |                   |                                 |
|-----------------------------|-------------------|---------------------------------|
| USER NAME = footemj         | DESIGNED - L.H.A. | REVISED - A. HOUSEH 10-15-96    |
| PLOT SCALE = 50.0000" / in. | CHECKED -         | REVISED - T. RAMMACHER 01-06-00 |
| PLOT DATE = 3/4/2019        | DATE - 06-89      | REVISED - A. SCHUETZE 07-01-13  |
|                             |                   | REVISED - A. SCHUETZE 09-15-16  |

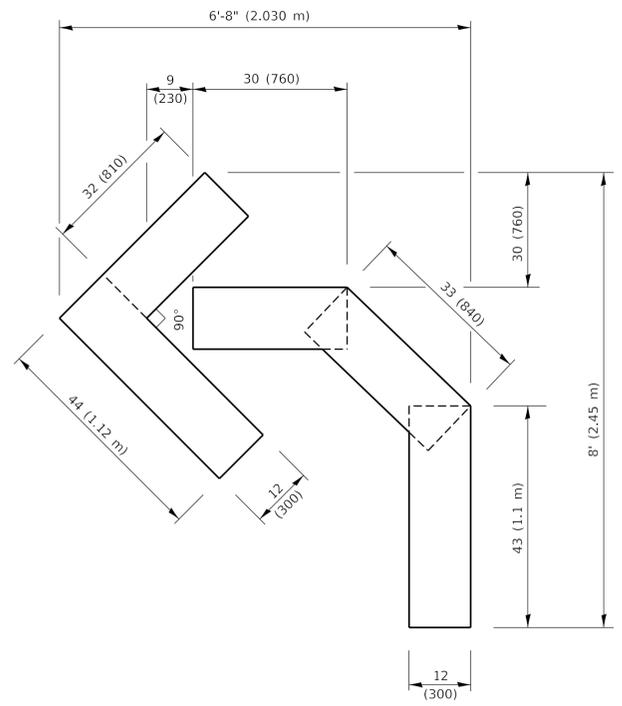
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

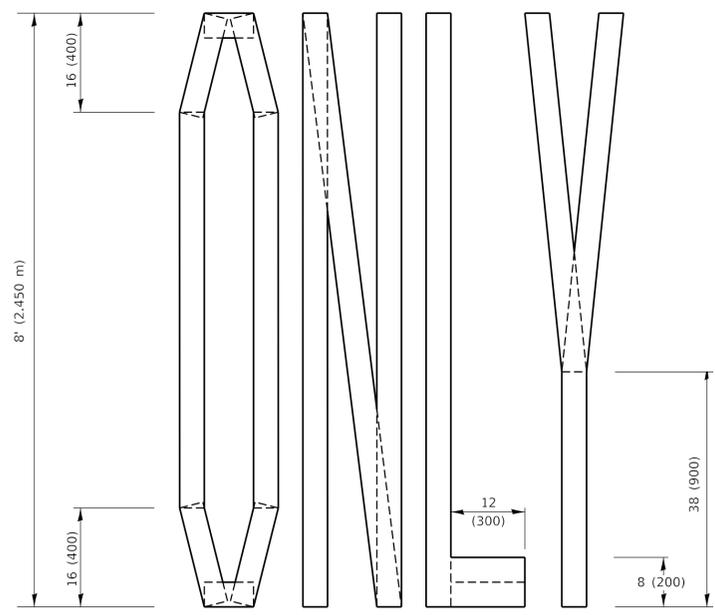
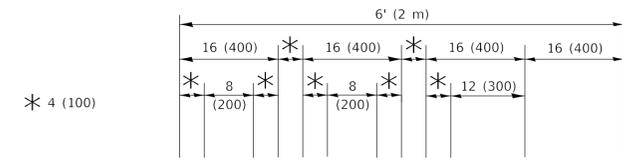
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A. RTE.                 | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
|                           | 20-00072-00-RS | DUPAGE | 18                 | 14        |
| <b>TC-10</b>              |                |        | CONTRACT NO. 61J27 |           |
| ILLINOIS FED. AID PROJECT |                |        |                    |           |

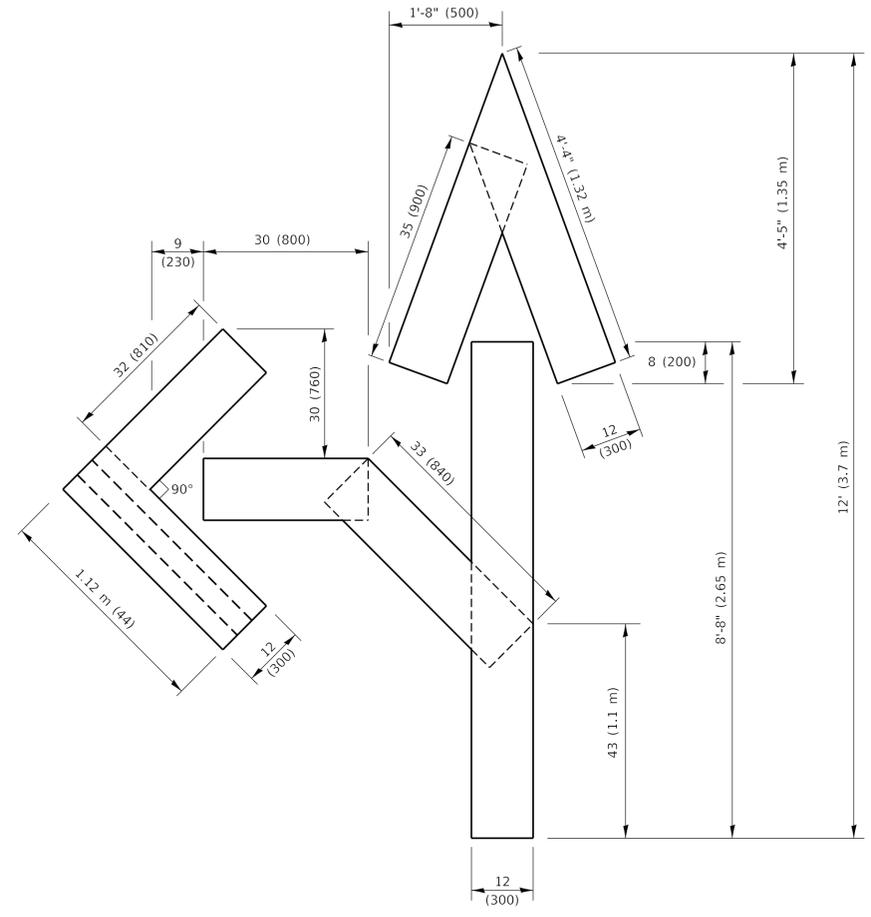




**QUANTITY**  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.41 sq. m)

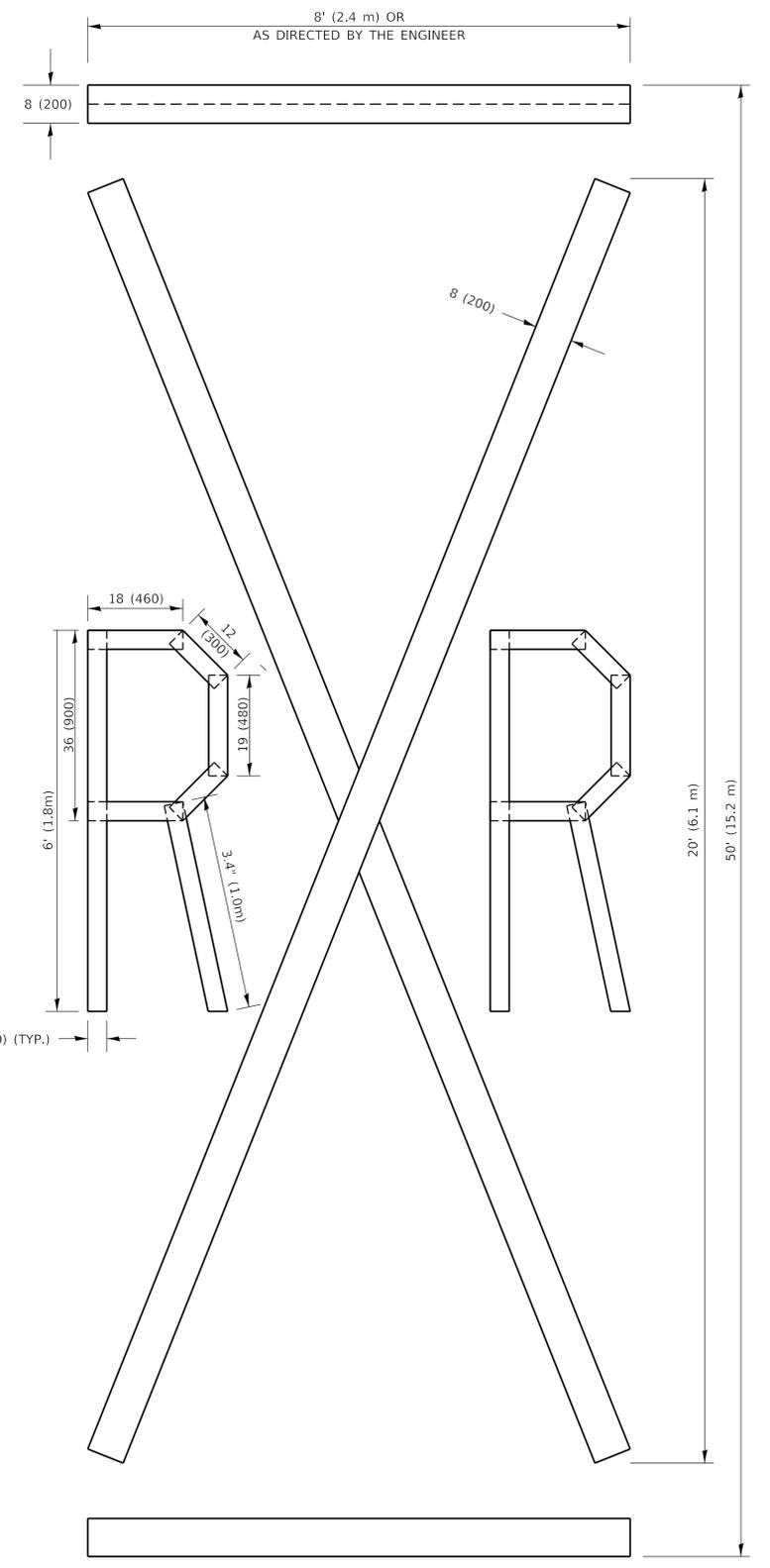


**QUANTITY**  
 4 (100) LINE = 64.1 ft. (19.5 m)  
 21.4 sq. ft. (1.99 sq. m)



**QUANTITY**  
 4 (100) LINE = 82.5 ft. (25.1 m)  
 27.5 sq. ft. (2.53 sq. m)

**NOTE:**  
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



**QUANTITY**  
 4 (100) LINE = 225.9 ft. (68.9 m)  
 75.3 sq. ft. (6.99 sq. m)

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

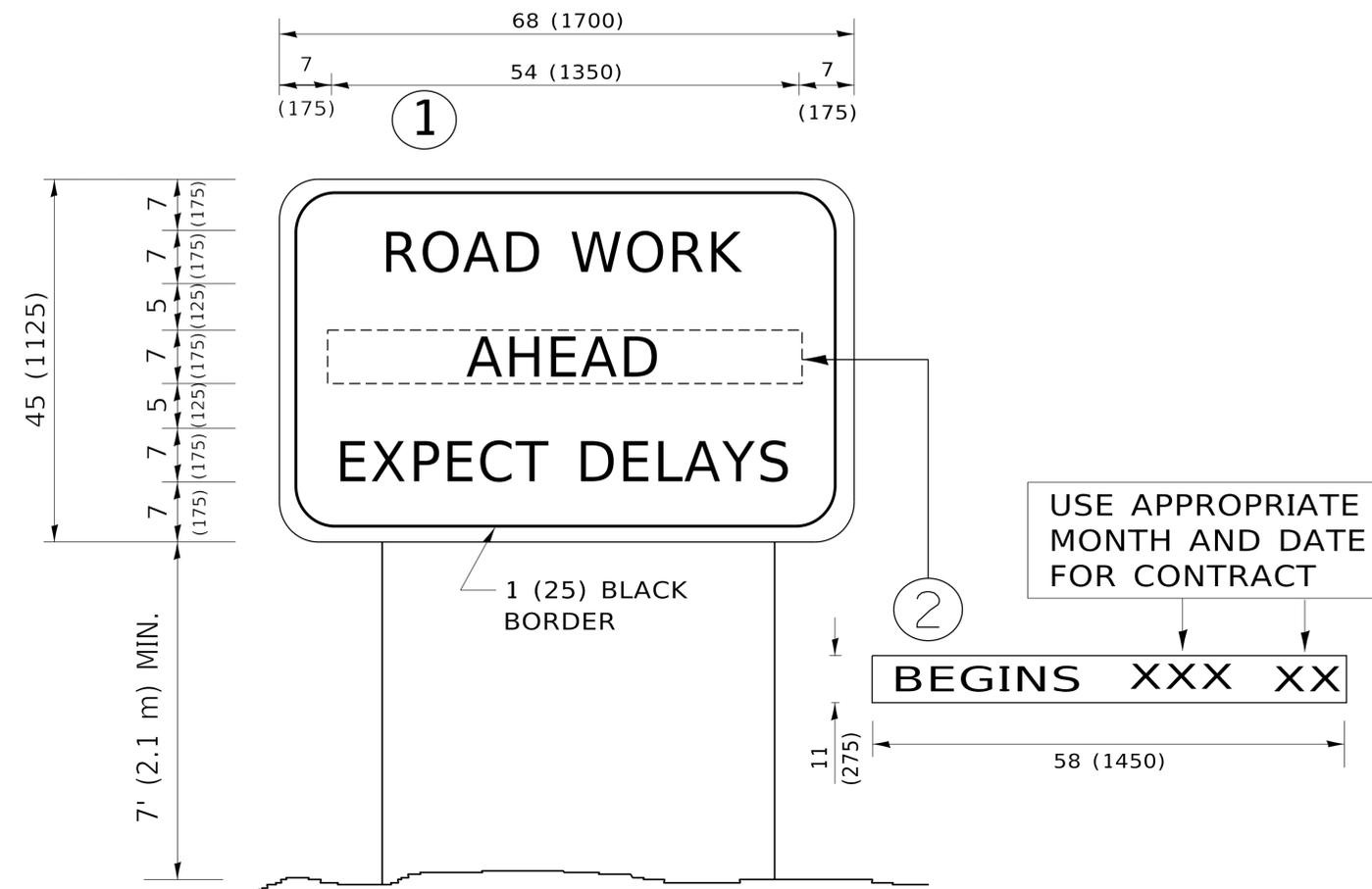
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 16-Apr-2019 10:37:35 AM User: footej

|                              |                 |                                 |
|------------------------------|-----------------|---------------------------------|
| USER NAME = footej           | DESIGNED -      | REVISED - T. RAMMACHER 03-02-98 |
| PLOT SCALE = 50.0068 ' / in. | DRAWN -         | REVISED - E. GOMEZ 08-28-00     |
| PLOT DATE = 3/4/2019         | CHECKED -       | REVISED - E. GOMEZ 08-28-00     |
|                              | DATE - 09-18-94 | REVISED - A. SCHUETZE 09-15-16  |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**  
 SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

|                           |                |                    |              |           |
|---------------------------|----------------|--------------------|--------------|-----------|
| F.A. RTE.                 | SECTION        | COUNTY             | TOTAL SHEETS | SHEET NO. |
|                           | 20-00072-00-RS | DUPAGE             | 18           | 16        |
| <b>TC-16</b>              |                | CONTRACT NO. 61J27 |              |           |
| 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.

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|                              |            |                                 |
|------------------------------|------------|---------------------------------|
| USER NAME = footemj          | DESIGNED - | REVISED - R. MIRS 09-15-97      |
|                              | DRAWN -    | REVISED - R. MIRS 12-11-97      |
| PLOT SCALE = 50.0000 ' / in. | CHECKED -  | REVISED - T. RAMMACHER 02-02-99 |
| PLOT DATE = 3/4/2019         | DATE -     | REVISED - C. JUCIUS 01-31-07    |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

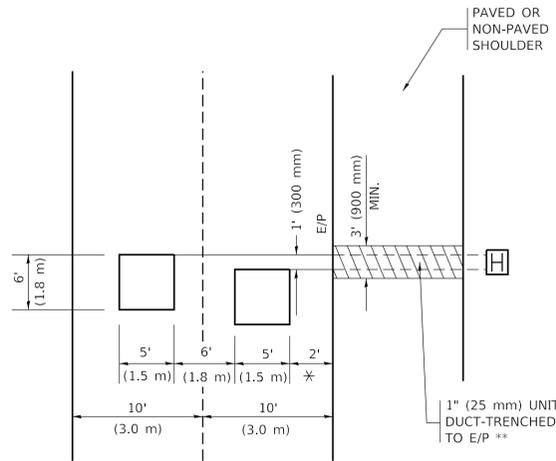
**ARTERIAL ROAD  
INFORMATION SIGN**

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

| F.A. RTE.                 | SECTION | COUNTY             | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------------------|--------------|-----------|
| 20-00072-00-RS            |         | DUPAGE             | 18           | 17        |
| TC-22                     |         | CONTRACT NO. 61J27 |              |           |
| ILLINOIS FED. AID PROJECT |         |                    |              |           |

**LOOPS NEXT TO SHOULDERS**

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

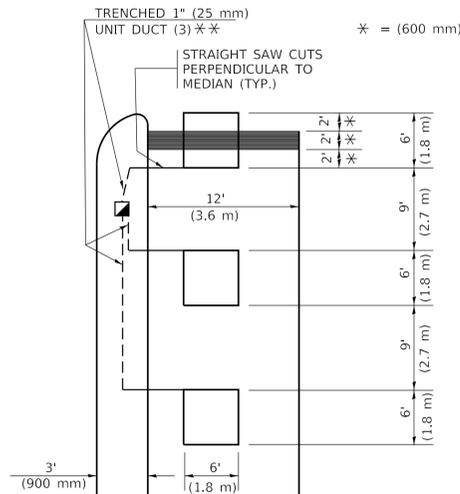


\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS**  
**VOLUME DENSITY ("FAR OUT" DETECTION)**  
**ON SAME APPROACH**  
**(PROTECTED / PERMITTED LEFT TURN PHASING)**

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

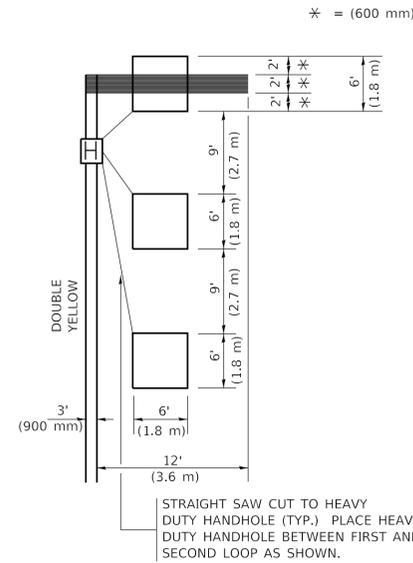


\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS**  
**VOLUME DENSITY ("FAR OUT" DETECTION)**  
**ON SAME APPROACH**  
**(PROTECTED / PERMITTED LEFT TURN PHASING)**



\* = (600 mm)

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**NOTES:**

**VEHICLES LOOP DETECTORS**

- \* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- \* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- \* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- \* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- \* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**PLACEMENT OF DETECTORS**

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

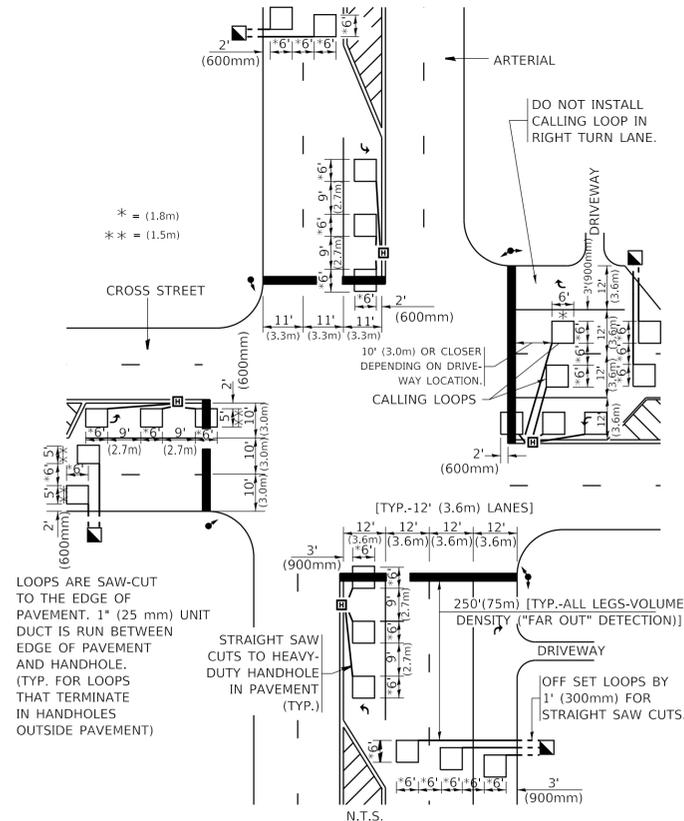
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

**NOTE:**

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)**  
**CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)**



\* = (1.8m)  
 \*\* = (1.5m)

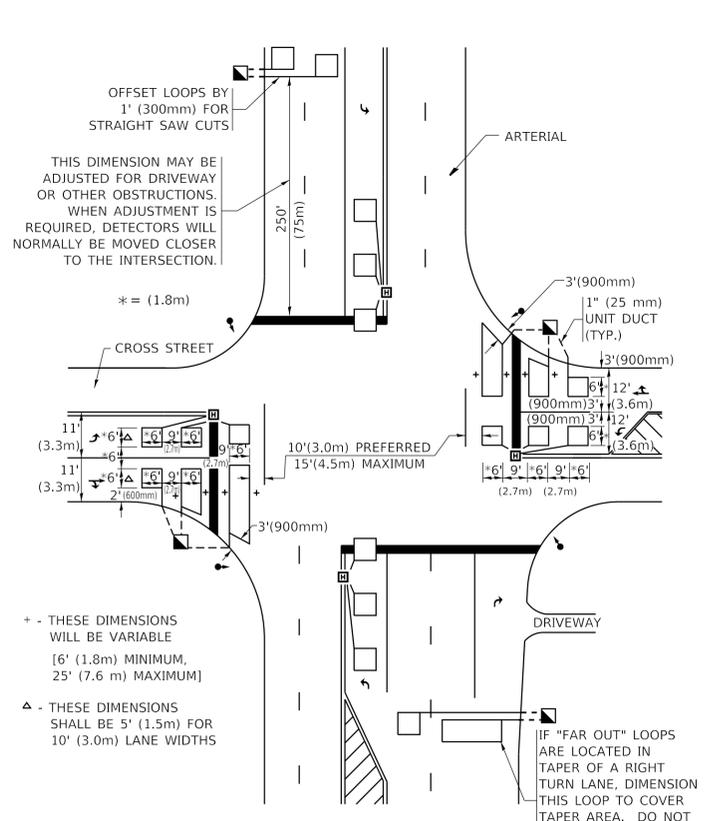
LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

[TYP.-12' (3.6m) LANES]  
 250' (75m) [TYP.-ALL LEGS-VOLUME DENSITY ("FAR OUT" DETECTION)]  
 DRIVEWAY  
 OFF SET LOOPS BY 1' (300mm) FOR STRAIGHT SAW CUTS.

**DETAIL 1**  
 N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)**  
**CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.

\* = (1.8m)

+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

△ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

**DETAIL 2**  
 N.T.S.

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

**DISTRICT 1 - DETECTOR LOOP INSTALLATION**  
**DETAILS FOR ROADWAY RESURFACING**

|                             |                  |           |
|-----------------------------|------------------|-----------|
| USER NAME = footemj         | DESIGNED -       | REVISED - |
| PLOT SCALE = 50.0000' / in. | DRAWN -          | REVISED - |
| PLOT DATE = 3/4/2019        | CHECKED - R.K.F. | REVISED - |
|                             | DATE -           | REVISED - |

|             |                     |              |           |                |                    |              |           |
|-------------|---------------------|--------------|-----------|----------------|--------------------|--------------|-----------|
| SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA. | F.A. RTE. | SECTION        | COUNTY             | TOTAL SHEETS | SHEET NO. |
|             |                     |              |           | 20-00072-00-RS | DUPAGE             | 18           | 18        |
|             |                     |              |           | TS-07          | CONTRACT NO. 61J27 |              |           |
|             |                     |              |           | ILLINOIS       | FED. AID PROJECT   |              |           |

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