FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE VILLAGE OF FRANKFORT

PROJECT BEGINS TO NEBRASKA ST.

ADT (2019) = 15,900SPEED LIMIT = 55 MPH

**NEBRASKA ST. TO PROJECT END** ADT (2019) = 33,500SPEED LIMIT = 45 MPH

TRAFFIC DATA:

## STATE OF ILLINOIS

## **DEPARTMENT OF TRANSPORTATION**

#### SECTION 2020-177 PP-CJS Will 21 ILLINOIS CONTRACT NO. 62M32

#### D-91-557-20

LOCATION OF SECTION INDICATED THUS: -

# **PROPOSED** HIGHWAY PLANS

FAP ROUTE 330: US 45 (96th AVE/ LaGRANGE RD) NORTH OF COLORADO AVENUE TO STUENKEL ROAD

> **SECTION: 2020–177–PP&CJS** PROJECT: NHPP-7K5K(828) PATCHING, CRACK & JOINT SEALING **WILL COUNTY**

# C-91-356-20 TINLEY T35 N LOCATION MAP (NOT TO SCALE) NEW FRANKFORT PROJECT BEGINS **PROJECT ENDS** STA. 3 + 59STA. 248 + 29.5T34 N

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 EXCAVATORS 1-800-892-0123 OR 811

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432 PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

GROSS & NET LENGTH = 24,471 FT. = 4.63 MILES

FRANKFORT TOWNSHIP, GREEN

**GARDEN TOWNSHIP** 

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

> PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 62M32

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**REV-SEP** 

#### INDEX OF SHEETS STATE STANDARDS

| SHEET NO. | DESCRIPTION                                                   | STANDARD NO. | DESCRIPTION                                                                           |
|-----------|---------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------|
|           |                                                               |              |                                                                                       |
| 1         | COVER SHEET                                                   | 000001.00    |                                                                                       |
| 2         | INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES              | 000001-08    | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                                          |
| 3-4       | SUMMARY OF QUANTITIES                                         | 442101-09    | CLASS B PATCHES                                                                       |
| F. C      | ·                                                             | 442201-03    | CLASS C AND D PATCHES                                                                 |
| 5-6       | SCHEDULE OF QUANTITIES                                        | 606001-07    | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER                         |
| 7-15      | PROPOSED ROADWAY AND PAVEMENT MARKING PLANS                   | 701101-05    | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24 $^{\bullet}$ (600 mm) FROM PAVEMENT EDGE |
| 16        | CRACK AND JOINT SEALING DETAIL                                | 701011-04    | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY                                            |
| 17        | CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)       | 701101-05    | OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE                         |
| 18        | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, | 701201-05    | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH                                   |
| 10        | AND DRIVEWAYS (TC-10)                                         | 701301-04    | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS                                           |
| 19        | DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)                | 701306-04    | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS                      |
| 20        | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN   |              | ≥ 45 MPH                                                                              |
|           | TO TRAFFIC) (TC-14)                                           | 701426-09    | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH        |
| 21        | ARTERIAL ROAD INFORMATION SIGNING (TC-22)                     |              | -                                                                                     |
|           |                                                               | 701606-10    | URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN                        |
|           |                                                               | 701701-10    | URBAN LANE CLOSURE, MULTILANE INTERSECTION                                            |
|           |                                                               | 701801-06    | SIDEWALK, CORNER OR CROSSWALK CLOSURE                                                 |
|           |                                                               | 701901-08    | TRAFFIC CONTROL DEVICES                                                               |

| HOT-MIX ASPHALT MIXTURE REQUIREMENTS                                                              |                     |                             |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------|---------------------|-----------------------------|--|--|--|--|--|
| MIXTURE TYPE                                                                                      | AIR VOIDS<br>@ Ndes | MANAGEMENT<br>PROGRAM (QMP) |  |  |  |  |  |
| CLASS D PATCHING                                                                                  |                     |                             |  |  |  |  |  |
| HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N70; TOP 2"                                        | 4.0% AT 70 GYR      | QC/QA                       |  |  |  |  |  |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70                                                       | 4.0% AT 70 GYR      | QC/QA                       |  |  |  |  |  |
| QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP) |                     |                             |  |  |  |  |  |

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: 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 SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- NOTE 3: QUALITY MANAGEMENT PROGRAM (QMP) IDNTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

#### **GENERAL NOTES**

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, OF THE VILLAGE OF FRANKFORT.
- 3. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 7. THE ENGINEER SHALL CONTACT ERIC CAMPOS AREA TRAFFIC FIELD ENGINEER AT ERIC.CAMPOS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 8. ALL CRACK ROUTING & CRACK SEALING AND PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. CRACK ROUTING SHALL BE OMITTED WHERE VEHICLE DETECTOR LOOPS & RAISED REFLECTIVE PAVEMENT MARKERS ARE PRESENT IN PAVEMENT.
- 9. MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN THE EXISTING PAVEMENT MAY BE PLACED, SHAPED AND COMPACTED TO THE SATISFACTION OF THE ENGINEER ALONG EXISTING AGGREGATE SHOULDERS ADJACENT TO THE PAVEMENT. ALL MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITHOUT AGGREGATE SHOULDERS AND SURPLUS MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITH AGGREGATE SHOULDERS, WHERE ALL MATERIALS ARE NOT PLACED ALONG EXISTING AGGREGATE SHOULDERS, SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
- 10. MODIFIED URETHANE PAVEMENT MARKING SHALL BE PLACED IMMEDIATELY AFTER C & J SEALER TEMPERATURE HAS COOLED DOWN AND DOES NOT AFFECT THE APPLICATION OF THE MODIFIED URETHANE PAVEMENT MARKING.
- 11. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATION, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 12. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. THE BEGINNING OF NO PASSING ZONE PAVEMENT MARKINGS SHALL CONCIDE WITH THE POSTED SIGN, UNLESS IT IS DETERMINED THAT THE NEW LOCATION WARRANTS THE RELOCATION OF THE SIGN AND IS PART OF THE PLANNED PROPOSAL. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 13. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 14. PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT FNGINFFR.

| USER NAME = qarutnm           | DESIGNED - | REVISED - |  |
|-------------------------------|------------|-----------|--|
|                               | DRAWN -    | REVISED - |  |
| PLOT SCALE = 100.0000 ' / in. | CHECKED -  | REVISED - |  |
| PLOT DATE = 12/10/2020        | DATE -     | REVISED - |  |

|                                        | SUMMARY OF QUANTITIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                |                        |                         | CC            | NSTRUCTION NSTRUCTION | ON TYPE C | ODE             |              |          | SUMMARY OF QUANTITIES                            |                           |                              |                              | CONST                 | TRUCTION               | TYPE COD | Ξ. |                               |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------|-------------------------|---------------|-----------------------|-----------|-----------------|--------------|----------|--------------------------------------------------|---------------------------|------------------------------|------------------------------|-----------------------|------------------------|----------|----|-------------------------------|
| CODE NO                                | ITEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | UNIT                           | TOTAL QUANTITIES URBAN |                         |               |                       |           |                 |              | CODE NO  | ITEM                                             | UNIT                      | TOTAL<br>QUANTITIES<br>URBAN | 80% FED<br>20% STATE<br>0005 |                       |                        |          |    |                               |
| 42001300                               | PROTECTIVE COAT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SO YD                          | 1000                   | 1000                    |               |                       |           |                 |              | 67000400 | ENGINEER'S FIELD OFFICE, TYPE A                  | CAL MO                    | 6                            | 6                            |                       |                        |          |    |                               |
| 44200050                               | WELDED WIRE REINFORCEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SO YD                          | 950                    | 950                     |               |                       |           |                 |              | 67100100 | MOBILIZATION                                     | L SUM                     | 1                            | 1                            |                       |                        |          |    |                               |
| 44200970                               | CLASS B PATCHES, TYPE II, 10 INCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SO YD                          | 760                    | 760                     |               |                       |           |                 |              | 70100450 | TRAFFIC CONTROL AND PROTECTION.                  | L SUM                     | 1                            | 1                            |                       |                        |          |    |                               |
|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                        |                         |               |                       |           |                 |              |          | STANDARD 701201                                  |                           |                              |                              |                       |                        |          |    | <b>——</b>                     |
| 44200974                               | CLASS B PATCHES, TYPE III, 10 INCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SO YD                          | 160                    | 160                     |               |                       |           |                 |              |          |                                                  |                           |                              |                              |                       |                        |          |    |                               |
| 44200976                               | CLASS B PATCHES, TYPE IV. 10 INCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SO YD                          | 30                     | 30                      |               |                       |           |                 |              | 70100460 | TRAFFIC CONTROL AND PROTECTION.  STANDARD 701306 | L SUM                     | 1                            | 1                            |                       |                        |          |    |                               |
| 44201299                               | DOWEL BARS 1 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EACH                           | 1610                   | 1610                    |               |                       |           |                 |              | 70102625 | TRAFFIC CONTROL AND PROTECTION,                  | L SUM                     | 1                            | 1                            |                       |                        |          |    |                               |
|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                        |                         |               |                       |           |                 |              |          | STANDARD 701606                                  |                           |                              |                              |                       |                        |          |    |                               |
| 44201765                               | CLASS D PATCHES, TYPE II, 10 INCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SO YD                          | 320                    | 320                     |               |                       |           |                 |              |          |                                                  |                           |                              |                              |                       |                        |          |    |                               |
|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                        |                         |               |                       |           |                 |              | 70102635 | TRAFFIC CONTROL AND PROTECTION.                  | L SUM                     | 1                            | 1                            |                       |                        |          |    |                               |
| 44201769                               | CLASS D PATCHES, TYPE III, 10 INCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SO YD                          | 30                     | 30                      |               |                       |           |                 |              |          | STANDARD 701701                                  |                           |                              |                              |                       |                        |          |    | <u></u>                       |
|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                        |                         |               |                       |           |                 |              |          |                                                  |                           |                              |                              |                       |                        |          |    |                               |
| 44201771                               | CLASS D PATCHES, TYPE IV, 10 INCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SO YD                          | 30                     | 30                      |               |                       |           |                 |              | 70102640 | TRAFFIC CONTROL AND PROTECTION.                  | L SUM                     | 1                            | 1                            |                       |                        |          |    |                               |
|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                        |                         |               |                       |           |                 |              |          | STANDARD 701801                                  |                           |                              |                              |                       |                        |          |    | <u> </u>                      |
| 44213200                               | SAW CUTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FOOT                           | 3465                   | 3465                    |               |                       |           |                 |              |          |                                                  |                           |                              |                              |                       |                        |          |    | <u></u>                       |
|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                        |                         |               |                       |           |                 | *            | 78009000 | MODIFIED URETHANE PAVEMENT MARKING -             | SQ FT                     | 1450                         | 1450                         |                       |                        |          |    | <u> </u>                      |
| 45100100                               | CRACK ROUTING (PAVEMENT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FOOT                           | 53600                  | 53600                   |               |                       |           |                 |              |          | LETTERS AND SYMBOLS                              |                           |                              |                              |                       |                        |          |    |                               |
| 45100200                               | CRACK FILLING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | POUND                          | 15315                  | 15315                   |               |                       |           |                 | *            | 78009004 | MODIFIED URETHANE PAVEMENT MARKING -             | FOOT                      | 97950                        | 97950                        |                       |                        |          |    |                               |
|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                        |                         |               |                       |           |                 |              |          | LINE 4"                                          |                           |                              |                              |                       |                        |          |    | <b></b>                       |
| 45200100                               | JOINT OR CRACK ROUTING (PC CONCRETE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FOOT                           | 54370                  | 54370                   |               |                       |           |                 |              |          |                                                  |                           |                              |                              |                       |                        |          |    |                               |
|                                        | PAVEMENT AND SHOULDER)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                |                        |                         |               |                       |           |                 | <del> </del> | 78009006 | MODIFIED URETHANE PAVEMENT MARKING -             | FOOT                      | 9630                         | 9630                         |                       |                        |          |    |                               |
|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                        |                         |               |                       |           |                 |              |          | LINE 6"                                          |                           |                              |                              |                       |                        |          |    |                               |
| 45200300                               | JOINT OR CRACK FILLING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | POUND                          | 15535                  | 15535                   |               |                       |           |                 | <del> </del> | 78009008 | MODIFIED URETHANE PAVEMENT MARKING -             | FOOT                      | 300                          | 300                          |                       |                        |          |    |                               |
| 60300305                               | FRAMES AND LIDS TO BE ADJUSTED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EACH                           | 8                      | 8                       |               |                       |           |                 |              |          | LINE 8"                                          |                           |                              |                              |                       |                        |          | F  | REV-SE                        |
|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                        |                         |               |                       |           |                 |              |          |                                                  |                           |                              |                              |                       |                        | * = SP   |    |                               |
| FILE NAME =  pw:\\pianroom.dofJillnois | USER NAME = qarutnm  Gros-PWIDOT\Documents\DOOT\Offices\District\n\Projects\District\n\District\District\n\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\District\Dist | DESIGNED - WERDAWN - CHECKED - |                        | REVISED REVISED REVISED | <u>-</u><br>- |                       | DI        | STA<br>EPARTMEN | TE OF II     |          | UO AF (OTHERWEL BOAR                             | RY OF QUANT<br>TO NORTH O |                              | AVENUE                       | F.A.P.<br>RTE.<br>330 | SECTION<br>2020-177-PP | -CJS     |    | OTAL SHEE<br>EETS NO.<br>21 3 |

| _ |                                       |                                                                                                       |        | ,                            |                              |     | No TELLES | ==     |          |           | T        |       |                   |                      |                              | Г       |                       |                     |             |                      |
|---|---------------------------------------|-------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------|-----|-----------|--------|----------|-----------|----------|-------|-------------------|----------------------|------------------------------|---------|-----------------------|---------------------|-------------|----------------------|
|   |                                       | SUMMARY OF QUANTITIES                                                                                 |        |                              |                              | COI | NSTRUCTIO | N TYPE | CODE     |           |          | SUMMA | ARY OF QUANTITIES |                      |                              |         | CC                    | INSTRUCTIO          | N TYPE CODE |                      |
|   | CODE NO                               | ITEM                                                                                                  | UNIT   | TOTAL<br>QUANTITIES<br>URBAN | 80% FED<br>20% STATE<br>0005 |     |           |        |          |           | CODE NO  |       | ITEM              | UNIT                 | TOTAL<br>QUANTITIES<br>URBAN |         |                       |                     |             |                      |
| * | 78009012                              | MODIFIED URETHANE PAVEMENT MARKING -                                                                  | FOOT   | 2500                         | 2500                         |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       | LINE 12"                                                                                              |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
| * | 78009024                              | MODIFIED URETHANE PAVEMENT MARKING -                                                                  | FOOT   | 850                          | 850                          |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       | LINE 24"                                                                                              |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
| * | 78100100                              | RAISED REFLECTIVE PAVEMENT MARKER                                                                     | EACH   | 20                           | 20                           |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   | 78300200                              | RAISED REFLECTIVE PAVEMENT MARKER                                                                     | EACH   | 20                           | 20                           |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       | REMOVAL                                                                                               |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
| - |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   | K4400501                              | COMBINATION CURB AND GUTTER REMOVAL AND                                                               | FOOT   | 150                          | 150                          |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
| - |                                       | REPLACEMENT LESS THAN OR EQUAL TO 10 FEET                                                             |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   | 20004562                              | COMBINATION CONCRETE CURB AND GUTTER  REMOVAL AND REPLACEMENT                                         | FOOT   | 50                           | 50                           |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
| - |                                       | REMUVAL AND REPLACEMENT                                                                               |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   | 20030850                              | TEMPORARY INFORMATION SIGNING                                                                         | SQ FT  | 310                          | 310                          |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       | 1. S.                                                             | 30 1 1 |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
| - |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             |                      |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     |             | REV-SEP              |
|   |                                       |                                                                                                       |        |                              |                              |     |           |        |          |           |          |       |                   |                      |                              |         |                       |                     | ¥ = SPECIAL |                      |
|   | LE NAME =<br>v:\\planroom.dof.Jiilnoi | is.gov:PWIDOT\Documents\IDOT Offices\District I\Projects\Di55720\CADData\Design\Di55720- <b>sn\BB</b> |        |                              | REVISED<br>REVISED           | -   |           | I      |          | ATE OF IL | LINOIS   |       | IIQ AE (QTIIE     | SUMMARY OF QUANT     |                              | AVFNIIF | F.A.P.<br>RTE.<br>330 | SECTI-<br>2020-177- | PP-CJS WILL | TOTAL SHEET NO. 21 4 |
|   |                                       | PLOT SCALE = 100,0000 ' / In. CHE PLOT DATE = 12/10/2020 DAT                                          | CKED - |                              | REVISED<br>REVISED           | -   |           |        | DEPARTME | NT OF TR  | ANSPORTA | TION  |                   | ET NO. OF SHEETS ST. |                              | O STA.  |                       |                     |             | NO. 62M32            |

## US 45 (SOUTHBOUND CLASS B PATCHING)

|                   |                   |             | Cont      | ract #6   | 2M32      |       |        |       |         |
|-------------------|-------------------|-------------|-----------|-----------|-----------|-------|--------|-------|---------|
|                   |                   |             |           |           |           |       |        |       |         |
|                   |                   |             |           |           | B patch   |       |        |       |         |
| From              | To                | Direction   | Lane No.  |           | Length    | TYPEI |        |       | TYPE IV |
| Cross Street      | Cross Street      | NB,SB/EB,SB | (1, 2, 3) | FT<br>min | FT<br>min | Sq Yd | Sq Yd  | Sq Yd | Sq Yd   |
|                   |                   |             |           | 1 Lane    | 6-ft      |       |        |       |         |
| Colorado Avenue   | Market Street     | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
| Colorado Avenue   |                   | SB          | LT        | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | LT        | 12        | 6         |       | 8.00   |       |         |
| Market Street     | Rt. 30            | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
| Rt. 30            | Old Frankfort Way | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
| Old Frankfort Way | Nebraska Street   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 1         | 12        | 6         |       | 8.00   |       |         |
| Colorado Avenue   | Market Street     | SB          | 2         | 12        | 12        |       |        | 16.00 |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
| Market Street     | Rt.30             | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 12        |       |        | 16.00 |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
| Rt.30             | Old Frankfort Way | SB          | 2         | 12        | 20        |       |        |       | 26.67   |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
| ·                 |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 12        |       |        | 16.00 |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
| Old Frankfort Way | Nebraska Street   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 12        |       |        | 16.00 |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 12        |       |        | 16.00 |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
|                   |                   | SB          | 2         | 12        | 6         |       | 8.00   |       |         |
| TOTAL             |                   |             |           |           | T T       | 0.00  | 376.00 | 80.00 | 26.67   |

## US 45 (NORTHBOUND CLASS B PATCHING)

|                   | FAI               | CHING       |           |        |              | / I <b>V</b> |         |          |         |
|-------------------|-------------------|-------------|-----------|--------|--------------|--------------|---------|----------|---------|
|                   |                   |             | Cont      | ract#6 | 2M32         |              |         |          |         |
|                   |                   |             |           | Class  | ∣<br>B patch | nina         |         |          |         |
| From              | То                | Direction   | Lane No.  |        | Length       |              | TYPE II | TYPE III | TYPE IV |
| Cross Street      | Cross Street      | NB,SB/EB,SB | (1, 2, 3) | FT     | FT           | Sq Yd        | Sq Yd   | Sq Yd    | Sq Yd   |
|                   |                   |             |           | min    | min          | -            | -       | -        | _       |
|                   |                   |             |           | 1 Lane | 6-ft         |              |         |          |         |
| Nebraska Street   | Old Frankfort Way | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
| Old Frankfort Way | Rt. 30            | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
| Rt. 30            | Market Street     | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
| Market Street     | Colorado Avenue   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   |             | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB<br>NB    |           |        | <b>-</b>     |              |         |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 1         | 12     | 6            |              | 8.00    |          |         |
| Nebraska Street   | Old Frankfort Way | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 12           |              |         | 16.00    |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
| Old Frankfort Way | Rt. 30            | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 12           |              |         | 16.00    |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
| Rt. 30            | Market Street     | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 12           |              |         | 16.00    |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
| Market Street     | Colorado Avenue   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 12           |              |         | 16.00    |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 12           |              |         | 16.00    |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   | +                 | NB          | 2         | 12     | 6            |              | 8.00    |          |         |
|                   |                   |             | 2         |        |              |              |         |          |         |
| TOTAL             | +                 | NB          |           | 12     | 6            | 0.00         | 8.00    | 00.00    | 0.00    |
| TOTAL             |                   |             |           |        |              | 0.00         | 312.00  | 80.00    | 0.00    |

 USER NAME
 = garutnm
 DESIGNED
 REVISED

 DRAWN
 REVISED

 PLOT SCALE
 = 100,0000 ' / in.
 CHECKED
 REVISED

 PLOT DATE
 = 11/25/2020
 DATE
 REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
US 45 (STUENKEL ROAD TO NORTH OF COLORADO AVENUE)

SHEET OF SHEETS STA TO STA

F.A.P. SECTION COUNTY TOTAL SHEET'S NO.

330 2020-177-PP-CJS WILL 21 5

CONTRACT NO. 62M32

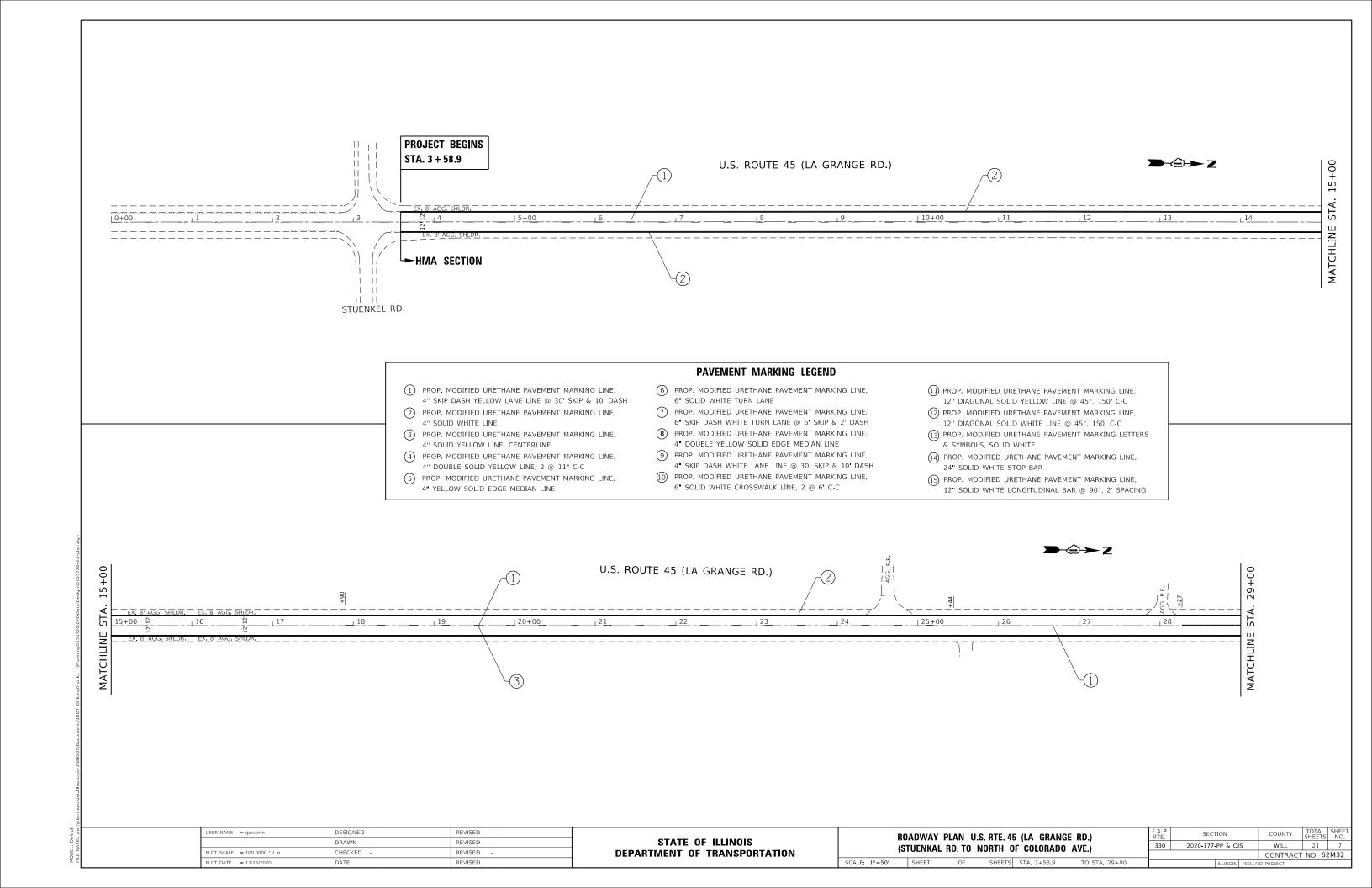
# US 45 SOUTH LAGRANGE ROAD (TOTAL CLASS B PATCHING)

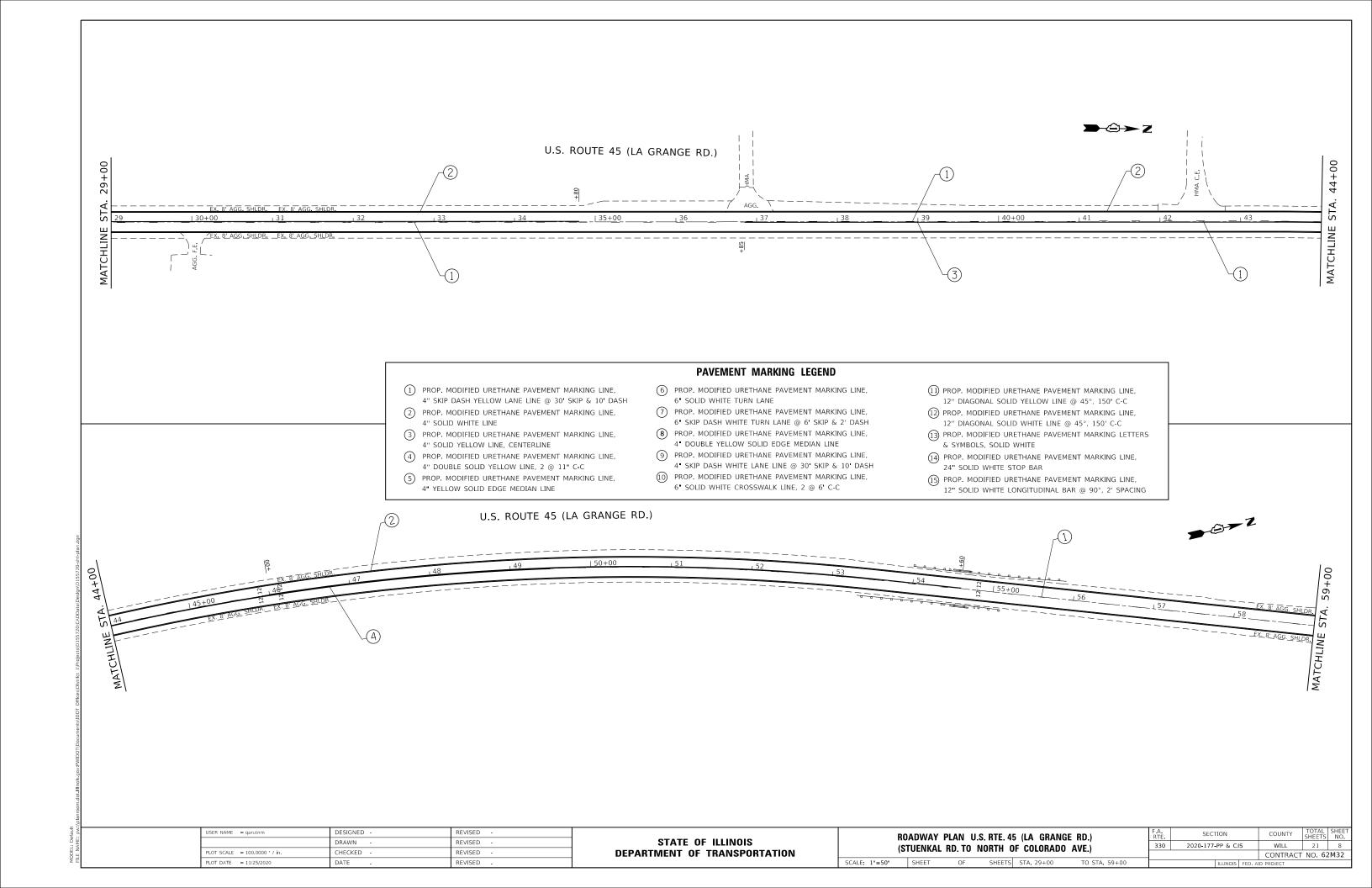
| Class B Patching                                        |        |        |       |  |  |  |  |  |  |  |
|---------------------------------------------------------|--------|--------|-------|--|--|--|--|--|--|--|
| Location Type II (Sq.Yd.) Type III (Sq.Yd.) Type IV (Sd |        |        |       |  |  |  |  |  |  |  |
| US 45 (South LaGrange Road) Northbound                  | 312.00 | 80.00  | 0.00  |  |  |  |  |  |  |  |
| US 45 (South LaGrange Road) Southbound                  | 376.00 | 80.00  | 27.00 |  |  |  |  |  |  |  |
| 10% contingency for Winter 2020 & 2021                  | 68.80  | 0.00   | 0.00  |  |  |  |  |  |  |  |
| Total Class B Patching with Rounding (Sq.Yd.)           | 760.00 | 160.00 | 30.00 |  |  |  |  |  |  |  |

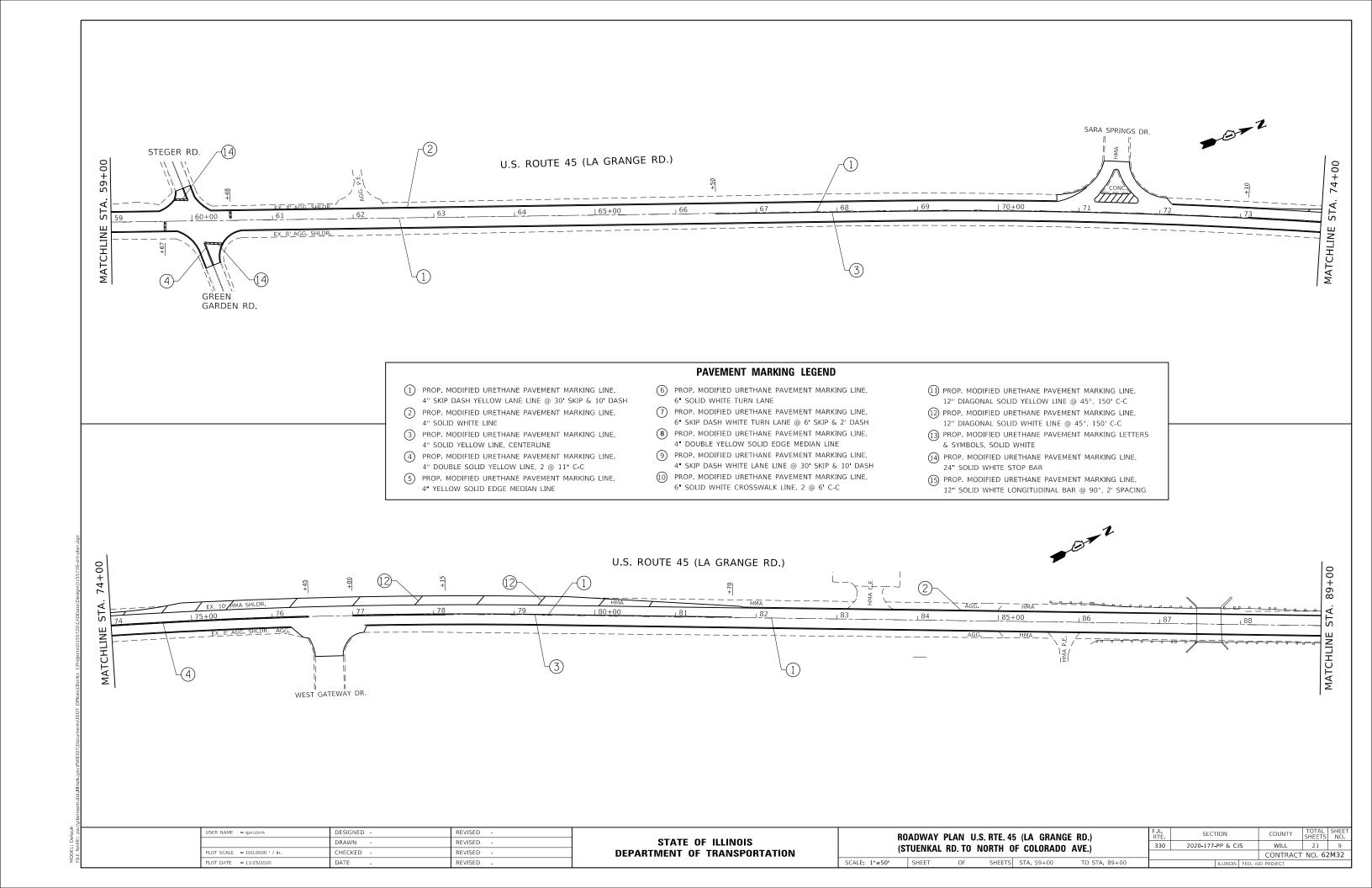
\* PATCHING LOCATIONS ARE DETERMINED BY THE RESIDENT ENGINEER IN THE FIELD.

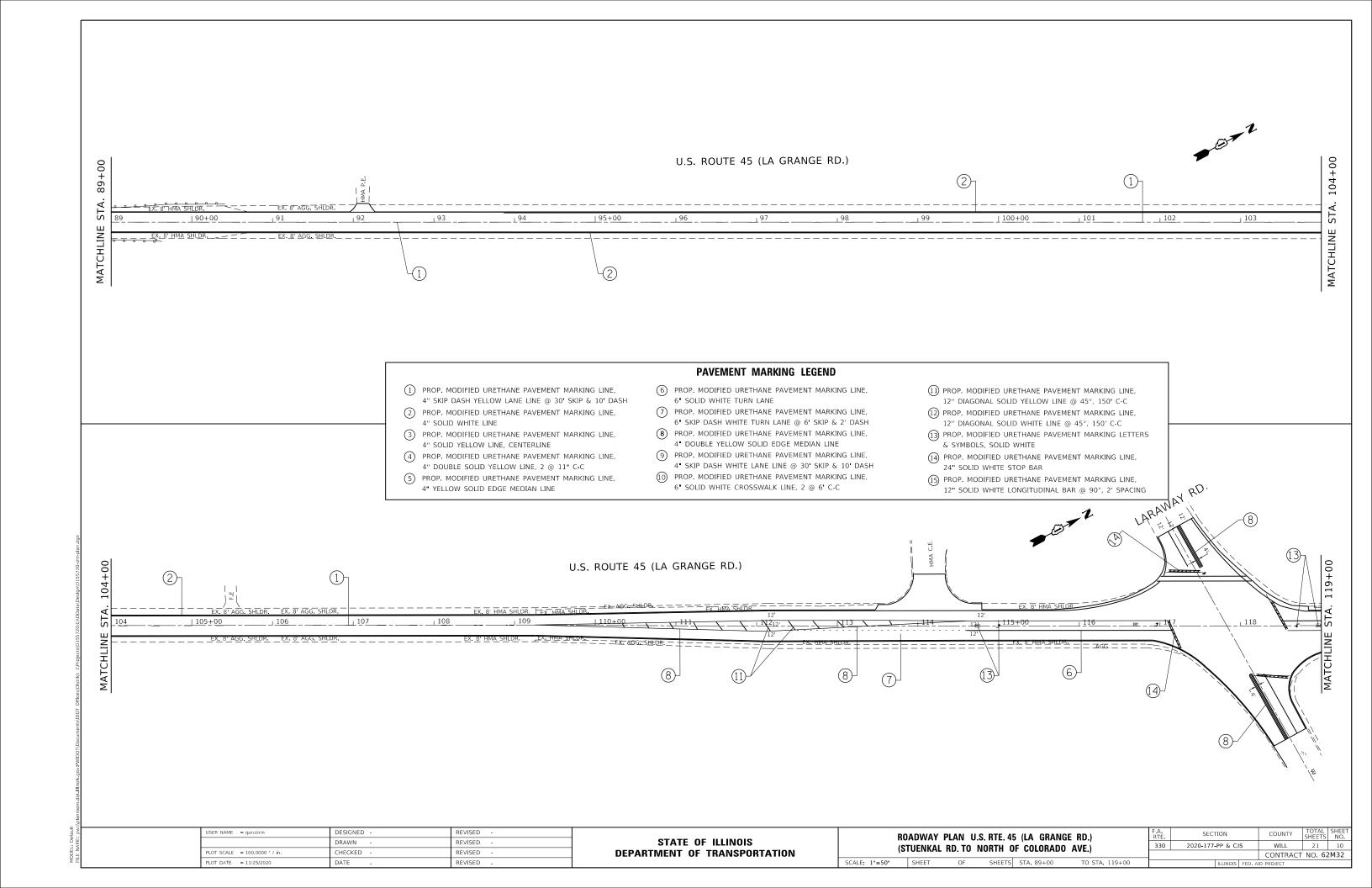
| USER NAME = qarutnm           | DESIGNED - | REVISED - |  |
|-------------------------------|------------|-----------|--|
|                               | DRAWN -    | REVISED - |  |
| PLOT SCALE = 100.0000 ' / in. | CHECKED -  | REVISED - |  |
| PLOT DATE = 11/25/2020        | DATE -     | REVISED - |  |

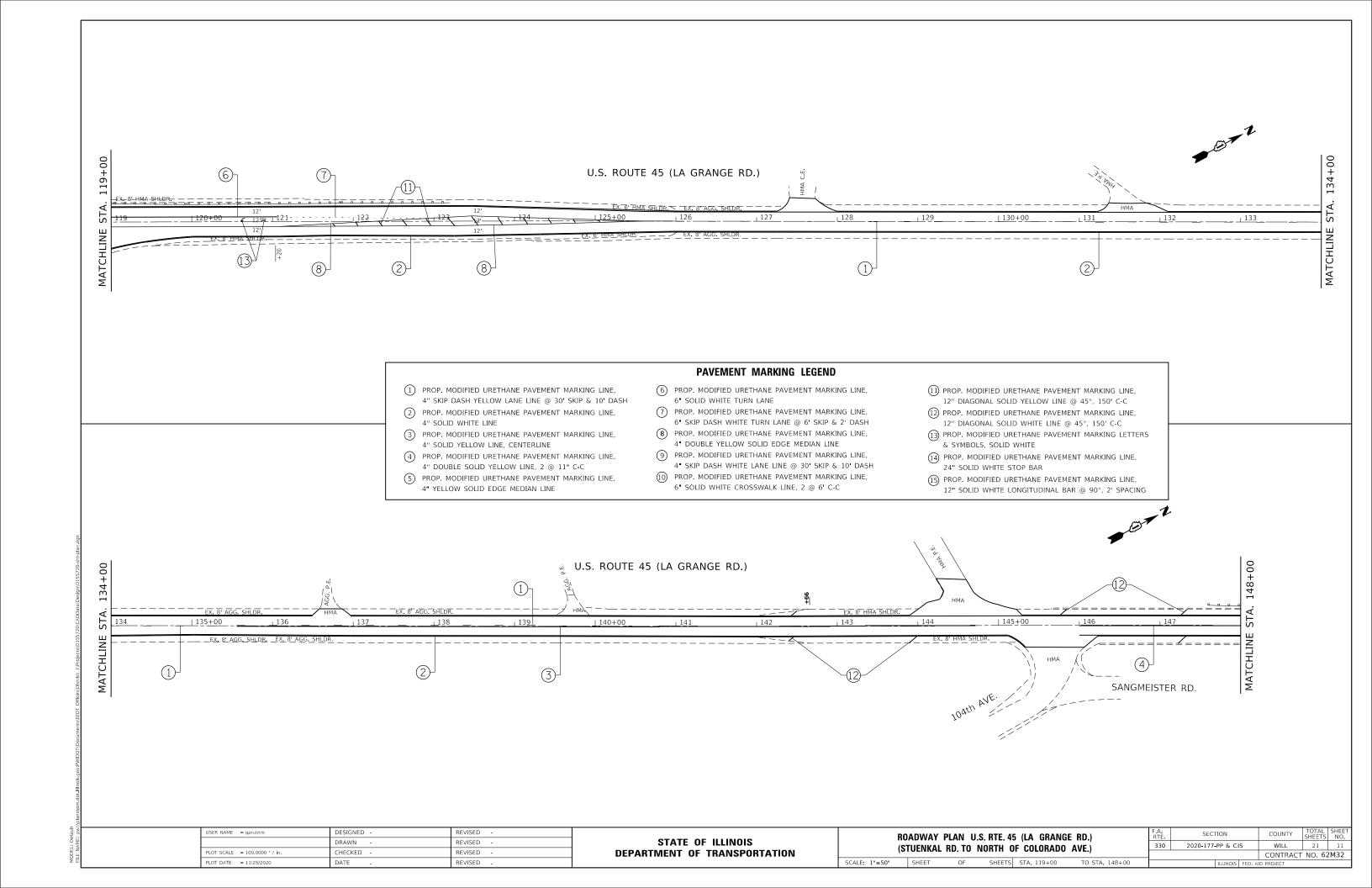
|    | SCHEDULE OF QUANTITIES |    |    |         |      |    |        |      |                  |   |  |
|----|------------------------|----|----|---------|------|----|--------|------|------------------|---|--|
|    | US                     | 45 | (S | TUENKEL | ROAD | T0 | NORTH  | OF   | COLORADO AVENUE) |   |  |
| E: |                        |    |    | SHEET   | OF   |    | SHEETS | STA. | TO STA.          | _ |  |

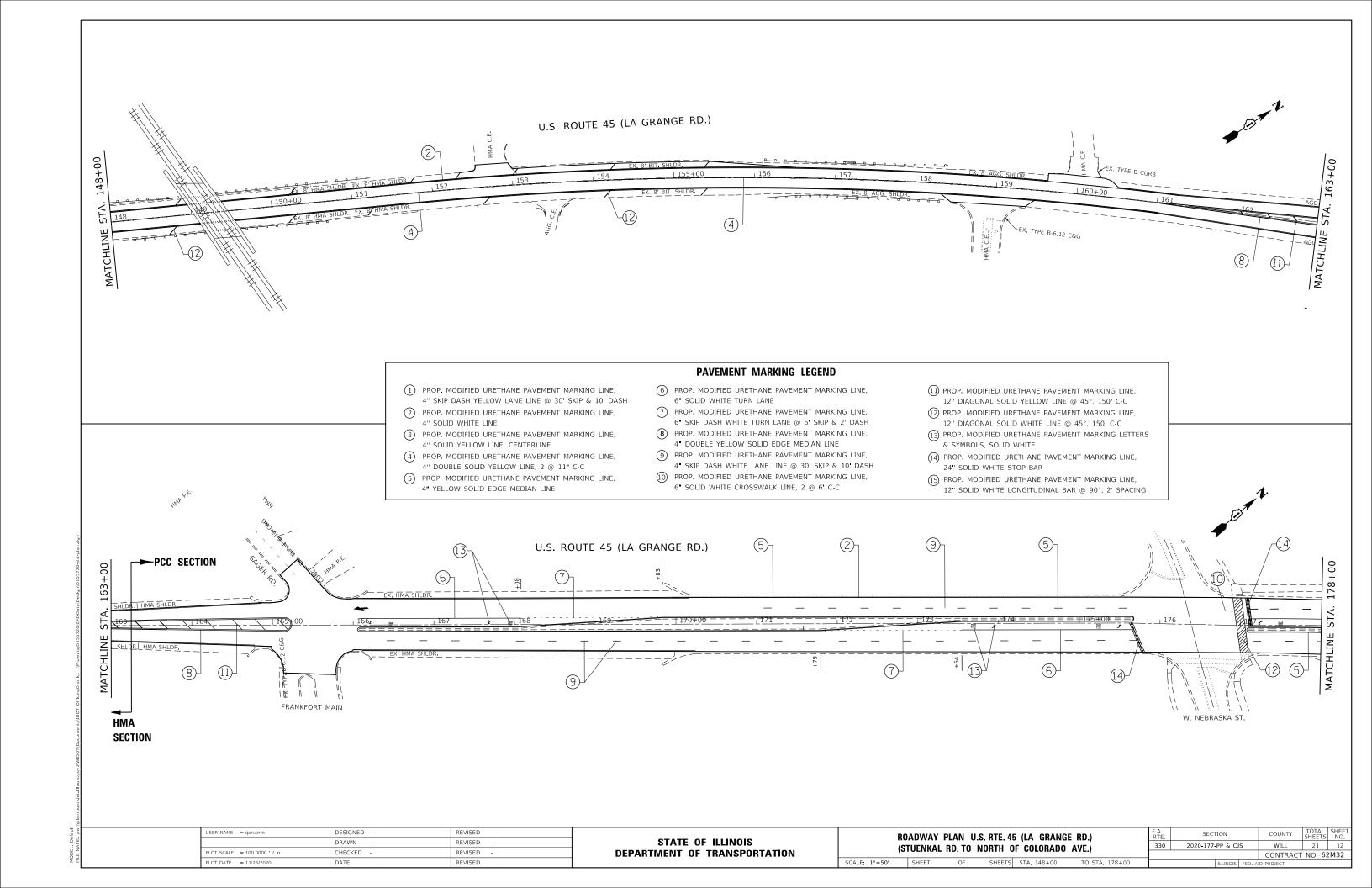


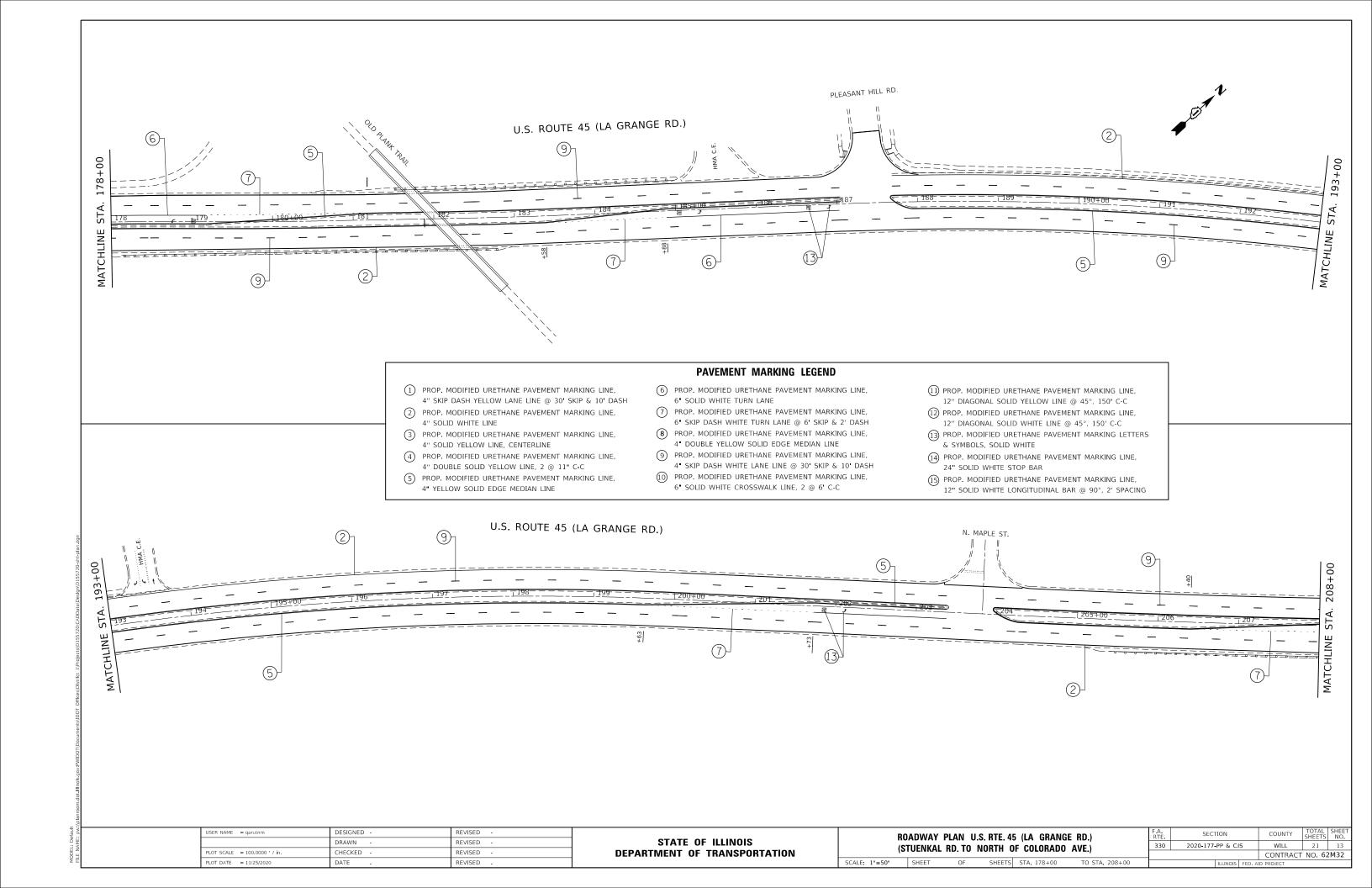


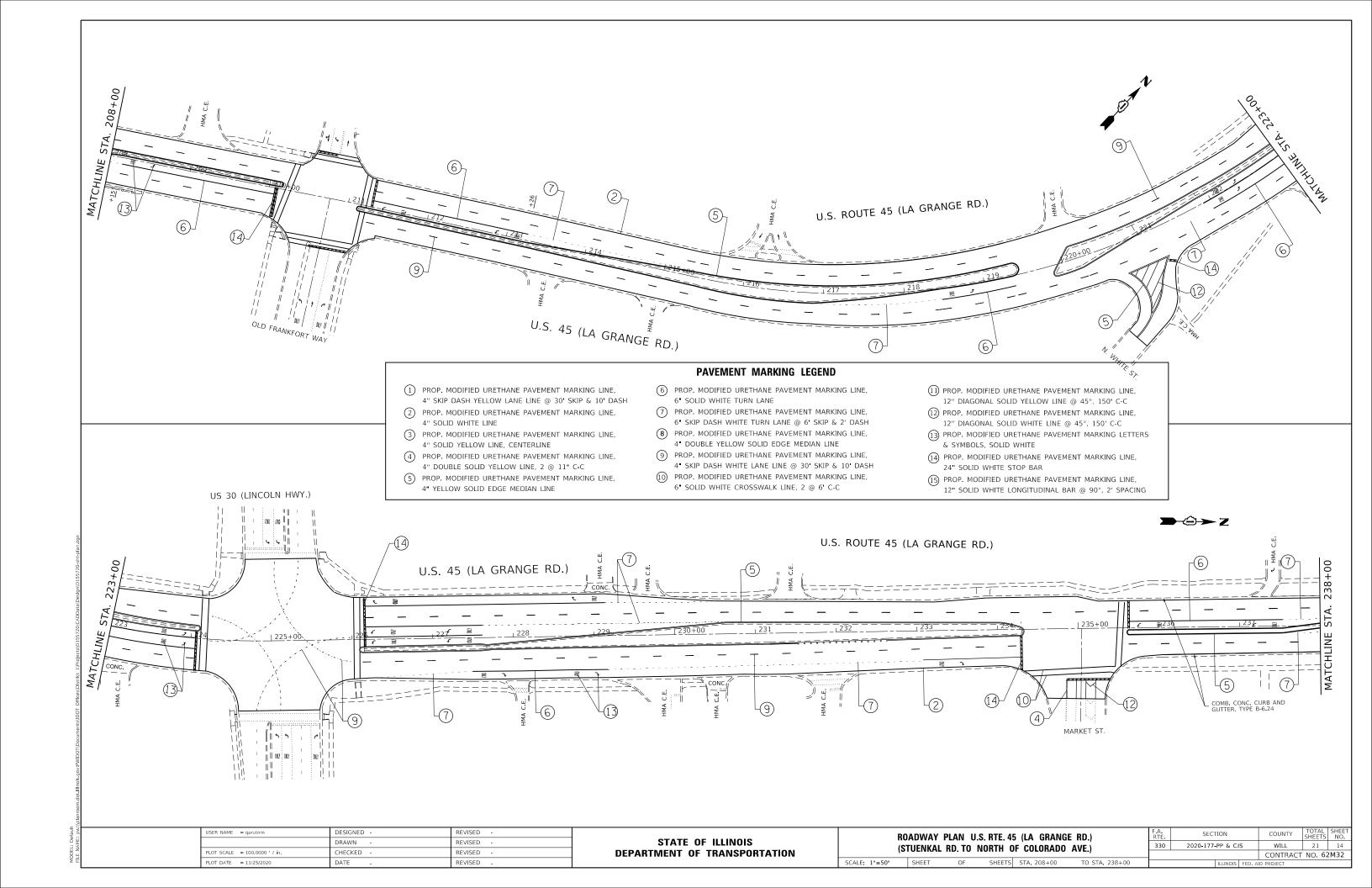


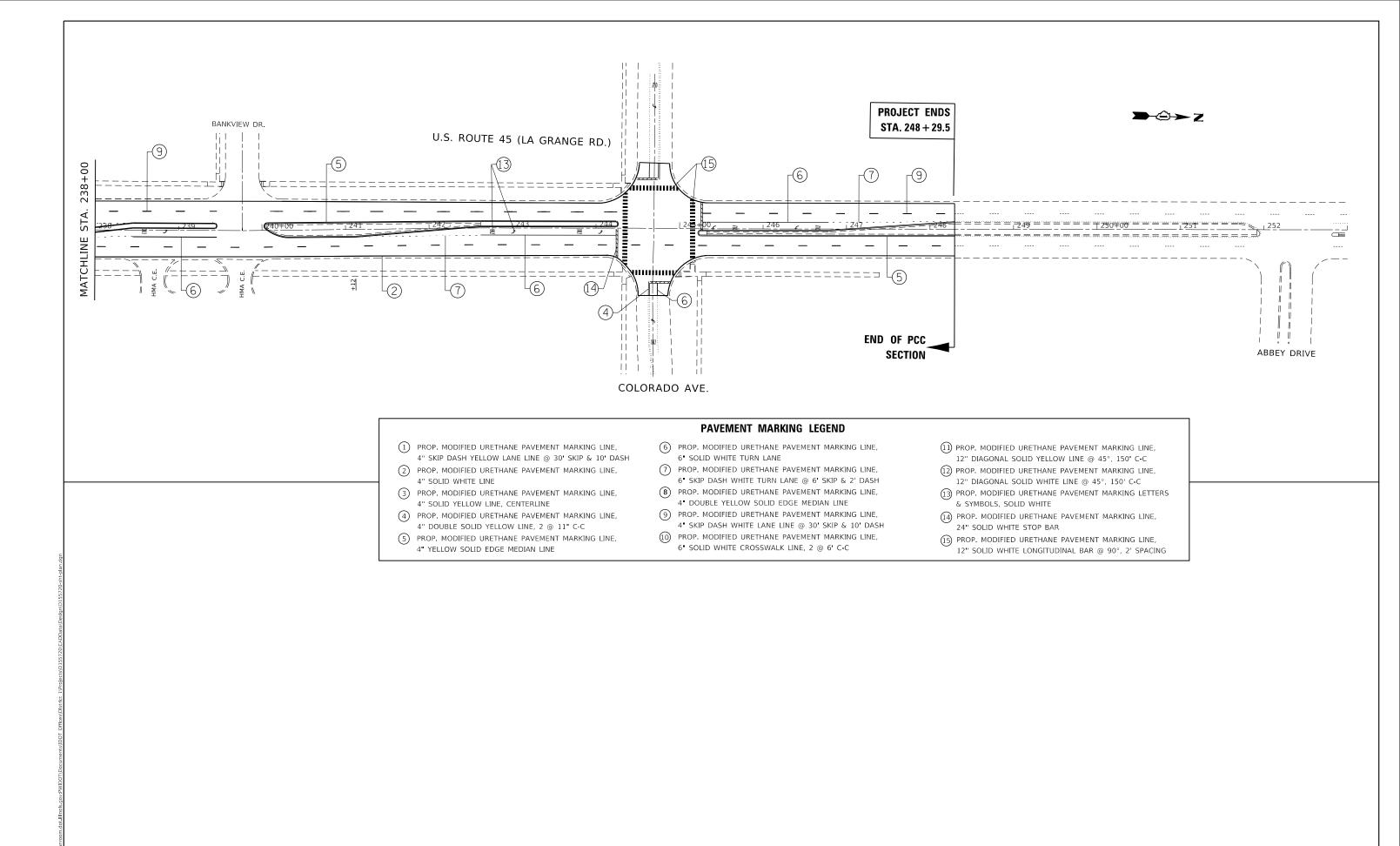












STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

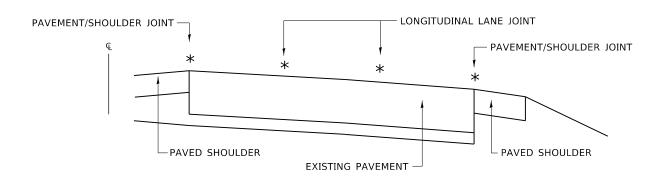
ROADWAY PLAN U.S. RTE. 45 (LA GRANGE RD.) (STUENKAL RD. TO NORTH OF COLORADO AVE.)

SCALE: 1\*=50 SHEET OF SHEETS STA 238+00 TO STA 2

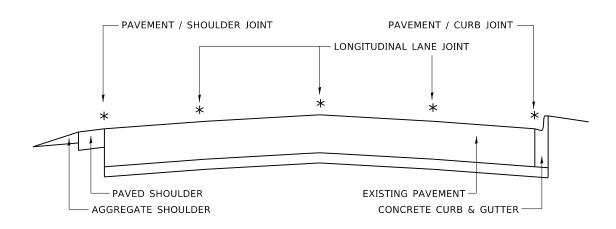
 
 F.A. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS
 SHEET NO.

 330
 2020-177-PP & CJS
 WILL
 21
 15

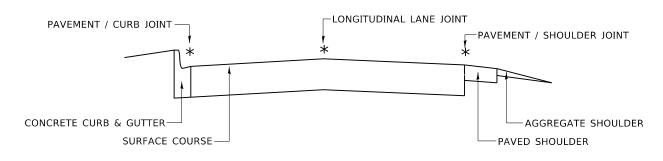
 CONTRACT NO.
 62M32



#### MULTI-LANE DIVIDED PAVEMENT



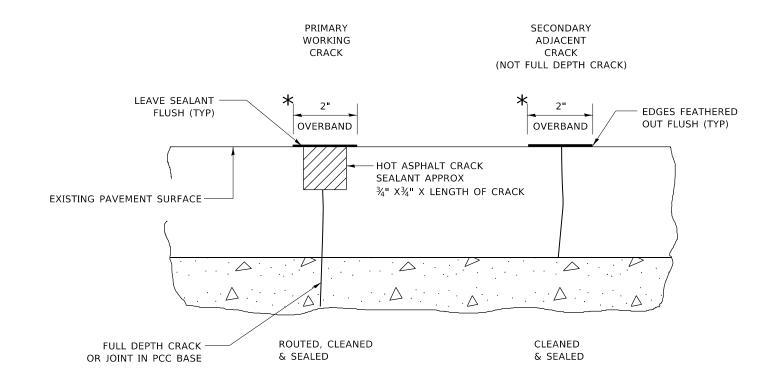
### MULTI-LANE UNDIVIDED PAVEMENT



### TWO-LANE PAVEMENT

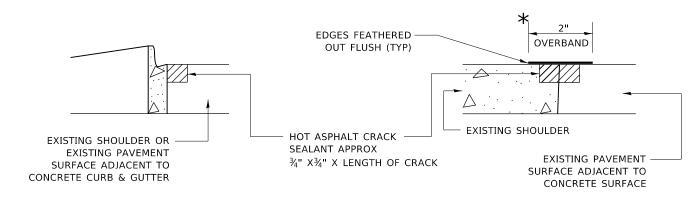
\* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

# GENERAL EXISTING TYPICAL SECTIONS (APPLIES TO HMA AND PCC PAVEMENTS)



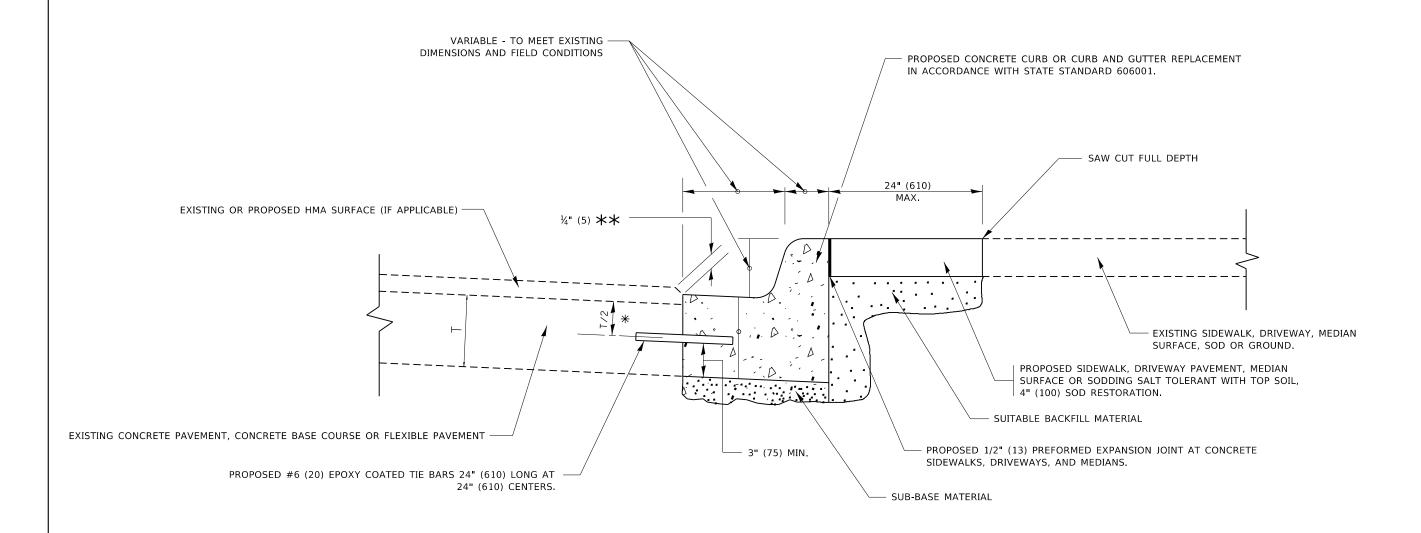
\* IN ALL LOCATIONS WHERE THE LONGITUDINAL CRACK CONFLICTS WITH EXISTING PAVEMENT MARKINGS (EITHER EDGE LINE OR LANE LINE) THE CRACK SHALL BE ROUTED & THE RESULTING RESERVOIR FILLED WITH SEALANT. ALL DAMAGES TO EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR. ALL EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS SHALL BE RESTORED WITH MODIFIED URETHANE PAVEMENT MARKINGS.

#### LONGITUDINAL JOINT



### CRACK & JOINT SEALING DETAIL

| USER NAME = garutnm         | DESIGNED | - | F. Aqueer / A. Midy | KEVISED | - |
|-----------------------------|----------|---|---------------------|---------|---|
|                             | DRAWN    | - |                     | REVISED | = |
| PLOT SCALE = 100.0000 / in. | CHECKED  | - |                     | REVISED | = |
| PLOT DATE = 11/25/2020      | DATE     | - | 10/08/2020          | REVISED | - |



- 💥 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

# **CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT**

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

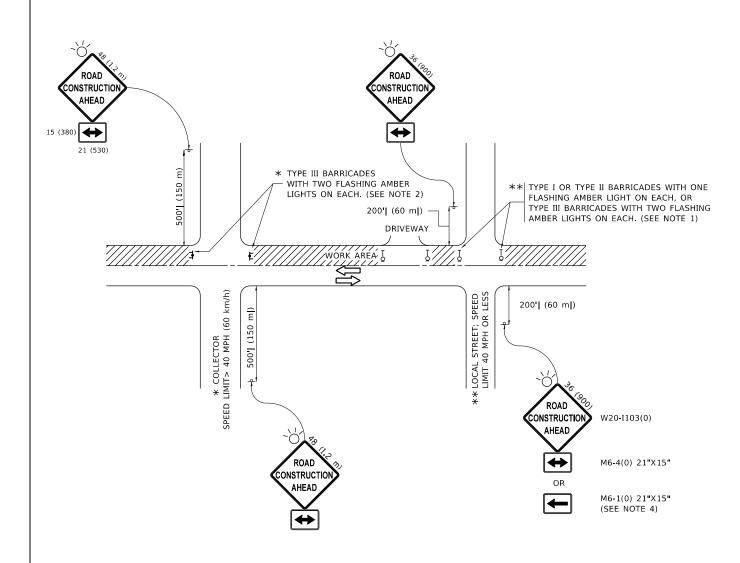
| USER NAME = qarutnm         | DESIGNED - A. HOUSEH | REVISED - | A. ABBAS 03-21-97 |
|-----------------------------|----------------------|-----------|-------------------|
|                             | DRAWN -              | REVISED - | M. GOMEZ 01-22-01 |
| PLOT SCALE = 100.0000 / in. | CHECKED -            | REVISED - | R. BORO 12-15-09  |
| PLOT DATE = 11/25/2020      | DATE - 03-11-94      | REVISED - | K. SMITH 07-11-19 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

 CURB OR CURB AND GUTTER
 F.A.P. RTE.

 REMOVAL AND REPLACEMENT
 330
 202

 BD600-0
 BD600-0



#### NOTES:

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

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

| USER NAME = qarutnm           | DESIGNED - L.H.A. | REVISED - A. HOUSEH 10-15-96    |
|-------------------------------|-------------------|---------------------------------|
|                               | DRAWN -           | REVISED - T. RAMMACHER 01-06-00 |
| PLOT SCALE = 100.0000 ' / in. | CHECKED -         | REVISED - A. SCHUETZE 07-01-13  |
| PLOT DATE = 11/25/2020        | DATE - 06-89      | REVISED A SCHUETZE 09-15-16     |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

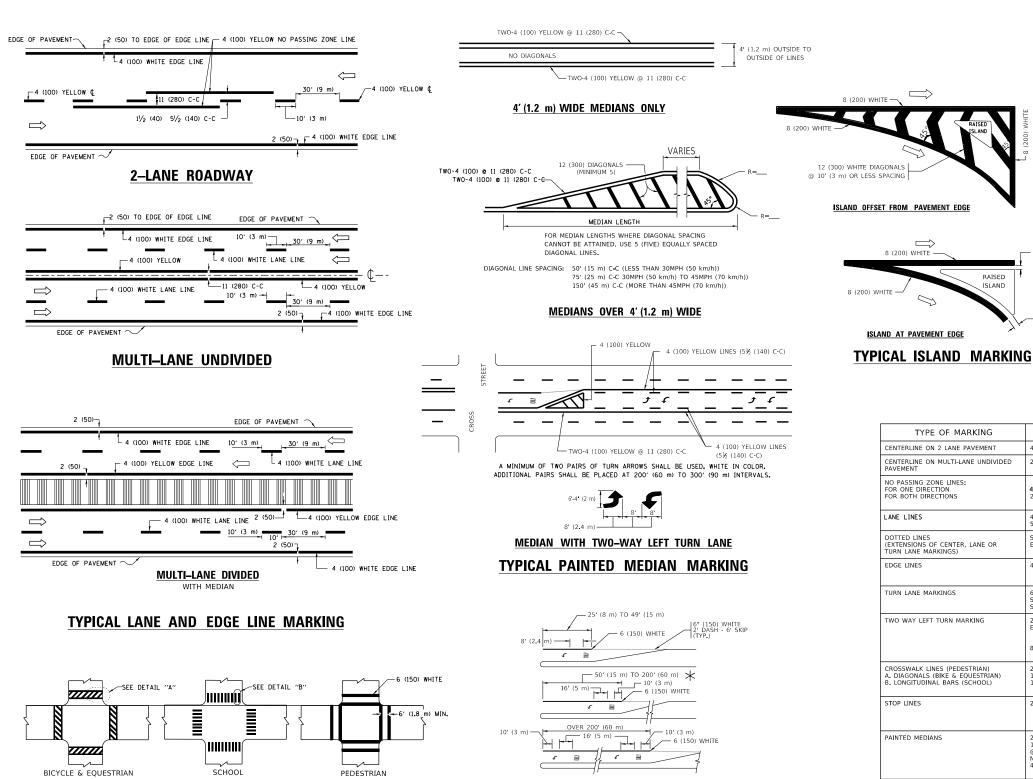
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

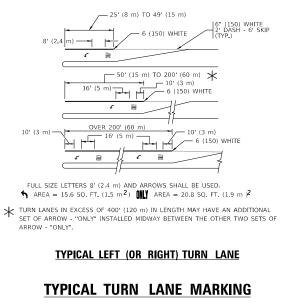
SHEET 1 OF 1 SHEETS STA. TO ST

 F.A.P. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS NO.

 330
 2020-177-PP-CJS
 WILL
 21
 18

 TC-10
 CONTRACT NO. 62M32





D(FT) SPEED LIMIT 665 50 55 COMBINATION LEFT AND U-TURN 5'-4" (1620) √ 32 R (810) LANE REDUCTION TRANSITION \* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS. **U\_TURN** 

| 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:<br>FOR ONE DIRECTION<br>FOR BOTH DIRECTIONS                                | 4 (100)<br>2 @ 4 (100)                                                                              | SOLID<br>SOLID                     | YELLOW<br>YELLOW                                        | 5½ (140) C-C FROM SKIP-DASH CENTERLINE<br>11 (280) C-C<br>OMIT SKIP-DASH CENTERLINE BETWEEN                                                                        |
| LANE LINES                                                                                        | 4 (100)<br>5 (125) ON FREEWAYS                                                                      | SKIP-DASH<br>SKIP-DASH             | WHITE<br>WHITE                                          | 10' (3 m) LINE WITH 30' (9 m) SPACE                                                                                                                                |
| DOTTED LINES<br>(EXTENSIONS OF CENTER, LANE OR<br>TURN LANE MARKINGS)                             | SAME AS LINE BEING<br>EXTENDED                                                                      | SKIP-DASH                          | SAME AS LINE BEING EXTENDED                             | 2' (600) LINE WITH 6' (1.8 m) SPACE                                                                                                                                |
| EDGE LINES                                                                                        | 4 (100)                                                                                             | SOLID                              | YELLOW-LEFT<br>WHITE-RIGHT                              | OUTLINE MEDIANS IN YELLOW                                                                                                                                          |
| TURN LANE MARKINGS                                                                                | 6 (150) LINE; FULL<br>SIZE LETTERS &<br>SYMBOLS (8' (2.4m))                                         | SOLID                              | WHITE                                                   | SEE TYPICAL TURN LANE MARKING DETAIL                                                                                                                               |
| TWO WAY LEFT TURN MARKING                                                                         | 2 @ 4 (100)<br>EACH DIRECTION<br>8' (2.4m) LEFT ARROW                                               | SKIP-DASH<br>AND SOLID<br>IN PAIRS | YELLOW                                                  | 10 (3 m) LINE WITH 30 (9 m) SPACE FOR<br>SKIP-DASH; 5½ (140) C-C BETWEEN SOLID<br>LINE AND SKIP-DASH LINE<br>SEE TYPICAL TWO-WAY LEFT TURN<br>MARKING DETAIL       |
| CROSSWALK LINES (PEDESTRIAN)<br>A. DIAGONALS (BIKE & EQUESTRIAN)<br>B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150)<br>12 (300) @ 45°<br>12 (300) @ 90°                                                     | SOLID<br>SOLID<br>SOLID            | WHITE<br>WHITE<br>WHITE                                 | NOT LESS THAN 6' (1.8 m) APART<br>2' (600) APART<br>2' (500) APART<br>5EE 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<br>12 (300) DIAGONALS<br>@ 45°<br>NO DIAGONALS USED FOR<br>4' (1.2 m) WIDE MEDIANS | SOLID                              | YELLOW:<br>TWO WAY TRAFFIC<br>WHITE:<br>ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE<br>SEE TYPICAL PAINTED MEDIAN MARKING.                                                                                            |
| GORE MARKING AND<br>CHANNELIZING LINES                                                            | 8 (200) WITH 12 (300)<br>DIAGONALS @ 45°                                                            | SOLID                              | WHITE                                                   | DIAGONALS:<br>15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h))<br>20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))<br>30' (9 m) C-C (OVER 45MPH (70 km/h))             |
| RAILROAD CROSSING                                                                                 | 24 (600) TRANSVERSE<br>LINES; "RR" IS 6' (1.8 m)<br>LETTERS; 16 (400)<br>LINE FOR "X"               | SOLID                              | WHITE                                                   | SEE STATE STANDARD 780001<br>AREA OF:<br>"R"=3.6 SQ. FT. (0.33 m PEACH<br>"X"=54.0 SQ. FT. (5.0 m )2                                                               |
| SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')                                                  | 12 (300) @ 45°                                                                                      | SOLID                              | WHITE - RIGHT<br>YELLOW - LEFT                          | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))<br>75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h))<br>150' (45 m) C-C (OVER 45MPH (70 km/h))                       |
| U TURN ARROW                                                                                      | SEE DETAIL                                                                                          | SOLID                              | WHITE                                                   | 16.3 SF                                                                                                                                                            |
| 2 ARROW COMBINATION<br>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.

SCALE: NONE

8 (200) WHITE -

RAISED

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

JSER NAME = qarutnm DESIGNED -EVERS REVISED - C. JUCIUS 09-09-09 DRAWN REVISED -C. JUCIUS 07-01-13 HECKED C. JUCIUS 04-12-16 PLOT DATE = 11/25/2020 DATE

2' (600)

DETAIL "B"

12 (300) WHITE

-6 (150) WHITE

TYPICAL CROSSWALK MARKING

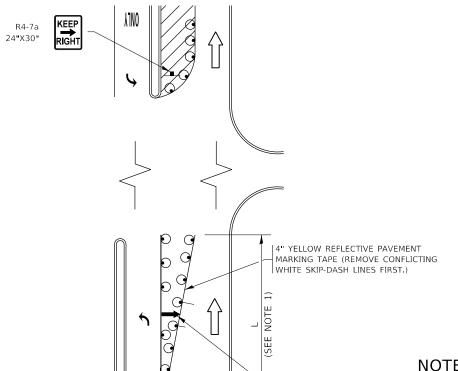
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF

DETAIL "A"

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

| DISTRICT ONE TYPICAL PAVEMENT MARKINGS |   |    |   | F.A.P. SECTION      |       | COUNTY   | TOTAL<br>SHEETS |               |             |  |  |
|----------------------------------------|---|----|---|---------------------|-------|----------|-----------------|---------------|-------------|--|--|
|                                        |   |    |   | 330 2020-177-PP-CJS |       | WILL     | 21              | 19            |             |  |  |
|                                        |   |    |   |                     | TC-13 | CONTRACT | F NO. 6         | 2M32          |             |  |  |
| SHEET                                  | 1 | ΩE | 2 | SHEETS              | STA   | TO STA   |                 | TILLINOIS SED | AID DOOLECT |  |  |

## TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



- ARROW BOARD

## FIGURE 1

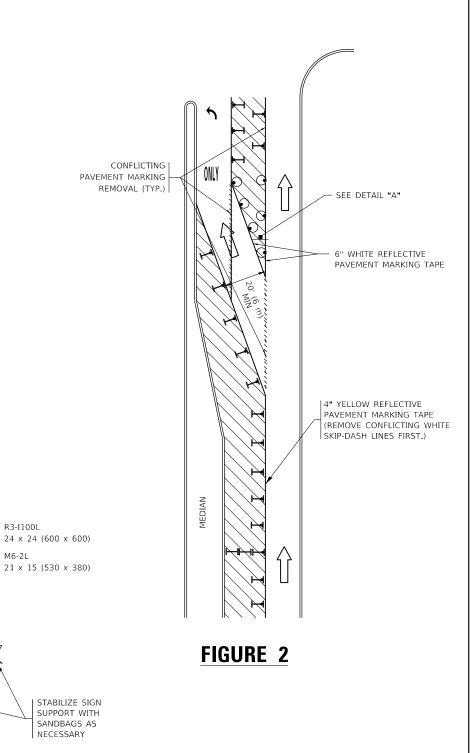
SEE DETAIL "A"

# **LEGEND** WORK AREA LANE OPEN TO TRAFFIC ARROW BOARD TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT DRUM WITH STEADY BURN LIGHT SIGN ASSEMBLY TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

#### NOTES:

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

## **TURN BAY ENTRANCE** WITHIN A LANE CLOSURE



**DETAIL A** 

SCALE: NONE

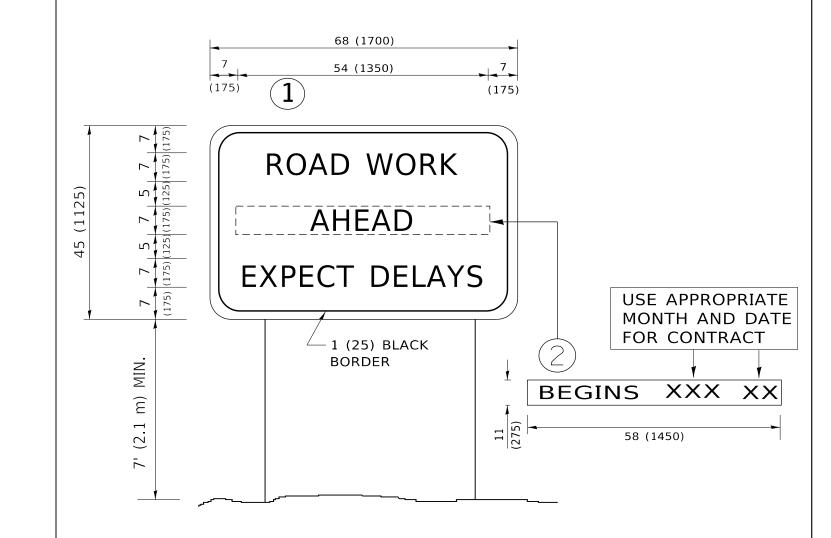
TURN LANE

All dimensions are in inches (millimeters) unless otherwise shown

| USER NAME = qarutnm           | DESIGNED | - T. | RAMMACHER 09  | 9-08-94 | REVISED | -    | R. BORO C | 9-14-09  |
|-------------------------------|----------|------|---------------|---------|---------|------|-----------|----------|
|                               | DRAWN    | -    | A. HOUSEH 11- | l-07-95 | REVISED | - A. | SCHUETZE  | 07-01-13 |
| PLOT SCALE = 100.0000 ' / in. | CHECKED  | -    | A. HOUSEH 10- | )-12-96 | REVISED | - A. | SCHUETZE  | 09-15-16 |
| PLOT DATE = 11/25/2020        | DATE     | _ T. | RAMMACHER O1- | -06-00  | REVISED | _    |           |          |

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

| TRAFFIC CONTROL AND PROTECTION AT TURN BAYS | F.A.P.<br>RTE | SECTION         | COUNTY   | TOTAL<br>SHEETS |
|---------------------------------------------|---------------|-----------------|----------|-----------------|
| (TO REMAIN OPEN TO TRAFFIC)                 | 330           | 2020-177-PP-CJS | WILL     | 21              |
| (TO HEMAIN OF EN TO THATTIO)                |               | TC-14           | CONTRACT | NO. 6           |
| ALE CHEET 1 OF 1 CHEETC CTA TO CTA          |               |                 |          |                 |



## 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.

SHEET

6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)

SCALE: NONE

7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

| USER NAME = qarutnm         | DESIGNED - | REVISED | - R. MIRS 09-15-97     |
|-----------------------------|------------|---------|------------------------|
|                             | DRAWN -    | REVISED | - R. MIRS 12-11-97     |
| PLOT SCALE = 100.0000 / in. | CHECKED -  | REVISED | -T. RAMMACHER 02-02-99 |
| PLOT DATE = 11/25/2020      | DATE -     | REVISED | - C. JUCIUS 01-31-07   |

|   |      |        |      |         | F.A.P.<br>RTE | SECT                | SECTION  |         |           |
|---|------|--------|------|---------|---------------|---------------------|----------|---------|-----------|
|   |      |        |      |         | 330           | 330 2020-177-PP-CJS |          |         | WILL      |
|   |      |        |      |         |               | TC-22               |          |         | CONTR     |
| 1 | OF 1 | SHEETS | STA. | TO STA. |               |                     | ILLINOIS | FED. AI | D PROJECT |