

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|------------|----------|--------------------|-----------|
| 344 | 2020-126-1 | COOK | 16 | 1 |
| | | ILLINOIS | CONTRACT NO. 62M04 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE CITY OF PROSPECT HEIGHTS AND THE VILLAGE OF WHEELING

PROPOSED
HIGHWAY PLANS

FAP ROUTE 344: IL 83 / ELMHURST RD
SOUTH OF WEILAND ROAD TO PALATINE ROAD
SECTION: 2020-126-1

TRAFFIC DATA:

IL 83:

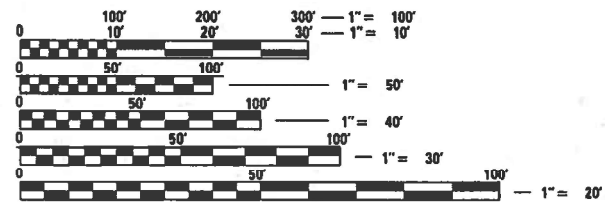
ADT (2019) = 19900

SPEED LIMIT = 35-40 MPH

PROJECT ENDS
STA 367+30

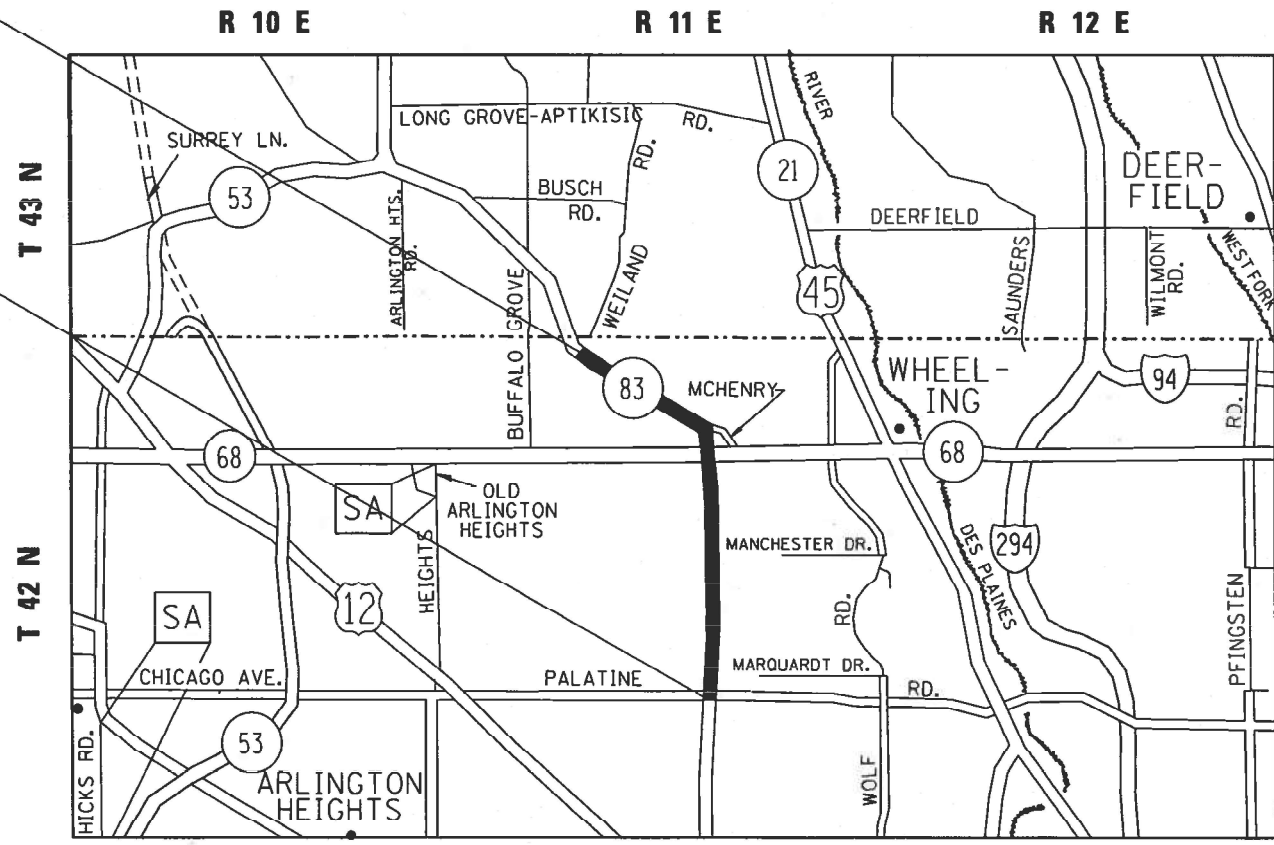
PROJECT BEGINS
STA 179+68

CRACK AND JOINT SEALING
COOK COUNTY
C-91-324-20

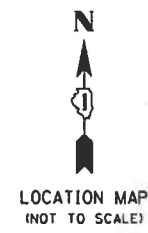


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



VERNON TOWNSHIP
WHEELING TOWNSHIP



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

GROSS AND NET LENGTH = 18762 FT. = 3.553 MILES

CONTRACT NO. 62M04

D-91-526-20



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED February 9, 2021
Jose Rios / ORS REGIONAL ENGINEER
March 19, 2021
SAE ETC ENGINEER OF DESIGN AND ENVIRONMENT
March 19, 2021
Director of Highways Project Implementation

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E". AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES OF THE CITY OF PROSPECT HEIGHTS AND THE VILLAGE OF WHEELING.
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.
6. 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 EMAD ALHUSSEINI AREA TRAFFIC FIELD ENGINEER AT EMAD.ALHUSSEINI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
8. ALL CRACK ROUTING & CRACK SEALING 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 THE 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. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
13. 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. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

INDEX OF SHEETS

| <u>SHEET NO.</u> | <u>DESCRIPTION</u> |
|------------------|---|
| 1 | COVER SHEET |
| 2 | INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES |
| 3 | SUMMARY OF QUANTITIES |
| 4-11 | PROPOSED ROADWAY AND PAVEMENT MARKING PLANS |
| 12 | CRACK AND JOINT SEALING DETAIL |
| 13 | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10) |
| 14 | DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13) |
| 15 | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14) |
| 16 | ARTERIAL ROAD INFORMATION SIGNING (TC-22) |

STATE STANDARDS

| | |
|-----------|--|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 701101-05 | OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE |
| 701427-05 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH |
| 701601-09 | MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN |
| 701602-10 | URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE |
| 701901-08 | TRAFFIC CONTROL DEVICES |

MODEL: Default
 FILE NAME: \\paulamr.com\data\illinois.gov\PIWDOT\Documents\DOT_Offices\District_1\Projects\152620\CADDData\Design\152620-sh-agenenc.dgn

| | | |
|-------------------------------|------------|-----------|
| USER NAME = elkhatibaj | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 12/15/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (SOUTH OF WEILAND ROAD TO PALATINE ROAD)
INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|--------------------|
| 344 | 2020-126-I | COOK | 16 | 2 |
| | | | | CONTRACT NO. 62M04 |
| ILLINOIS FED. AID PROJECT | | | | |

| SUMMARY OF QUANTITIES | | | | CONSTRUCTION TYPE CODE | | | | | SUMMARY OF QUANTITIES | | | | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|--|--------|------------------------|------------------------|--|--|--|--|-----------------------|---|-------|------------------------|------------------------|--|--|--|--|
| CODE NO | ITEM | UNIT | TOTAL QUANTITIES URBAN | 100% STATE 0005 | | | | | CODE NO | ITEM | UNIT | TOTAL QUANTITIES URBAN | 100% STATE 0005 | | | | |
| 45200100 | JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER) | FOOT | 125006 | 125006 | | | | | * 78009012 | MODIFIED URETHANE PAVEMENT MARKING - LINE 12" | FOOT | 3975 | 3975 | | | | |
| 45200300 | JOINT OR CRACK FILLING | POUND | 35714 | 35714 | | | | | * 78009024 | MODIFIED URETHANE PAVEMENT MARKING - LINE 24" | FOOT | 1157 | 1157 | | | | |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 6 | 6 | | | | | Z0030850 | TEMPORARY INFORMATION SIGNING | SO FT | 334.1 | 334.1 | | | | |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | | | | | | | | | | | | | |
| 70102630 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 | L SUM | 1 | 1 | | | | | | | | | | | | | |
| 70102632 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 | L SUM | 1 | 1 | | | | | | | | | | | | | |
| 70102635 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | L SUM | 1 | 1 | | | | | | | | | | | | | |
| 70102640 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 | L SUM | 1 | 1 | | | | | | | | | | | | | |
| * 78009000 | MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS | SO FT | 2761 | 2761 | | | | | | | | | | | | | |
| * 78009004 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" | FOOT | 52997 | 52997 | | | | | | | | | | | | | |
| * 78009006 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6" | FOOT | 11100 | 11100 | | | | | | | | | | | | | |

REV-SEP

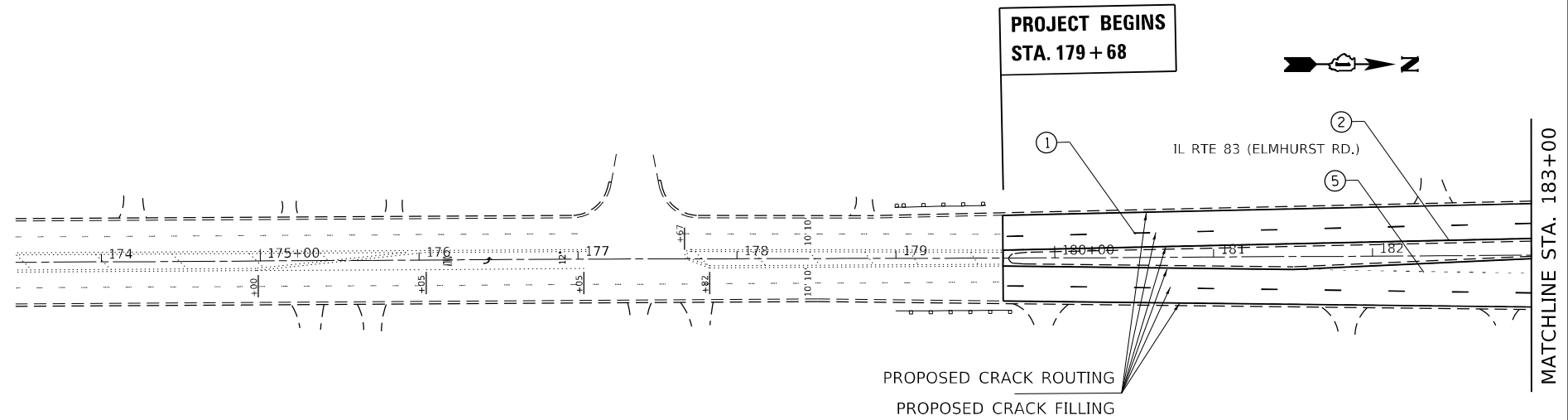
* = SPECIALTY ITEMS

PAVEMENT MARKING LEGEND

- ① PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH
- ② PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE
- ③ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C
- ④ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE TURN LANE

- ⑤ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH
- ⑥ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C
- ⑦ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 90°, 2' SPACING
- ⑧ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 45°, 2' SPACING

- ⑨ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75° SPACING OR 5 MIN.
- ⑩ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR
- ⑪ PROP. MODIFIED URETHANE PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE



ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL

MODEL: Default
 FILE NAME: p:\data\mroom.dwg
 PROJECT: I:\Projects\152620\CADDData\Design\152620-eh-elb.dgn
 OFFICE: I:\Projects\152620\CADDData\Design\152620-eh-elb.dgn

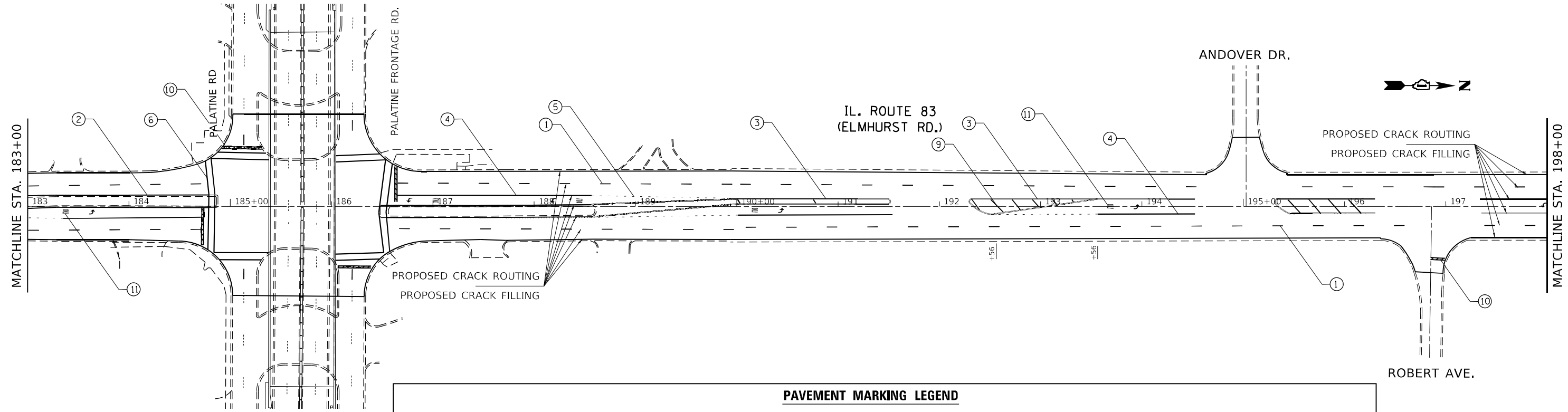
| | | |
|------------------------------|------------|-----------|
| USER NAME = elknatibaj | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 12/16/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

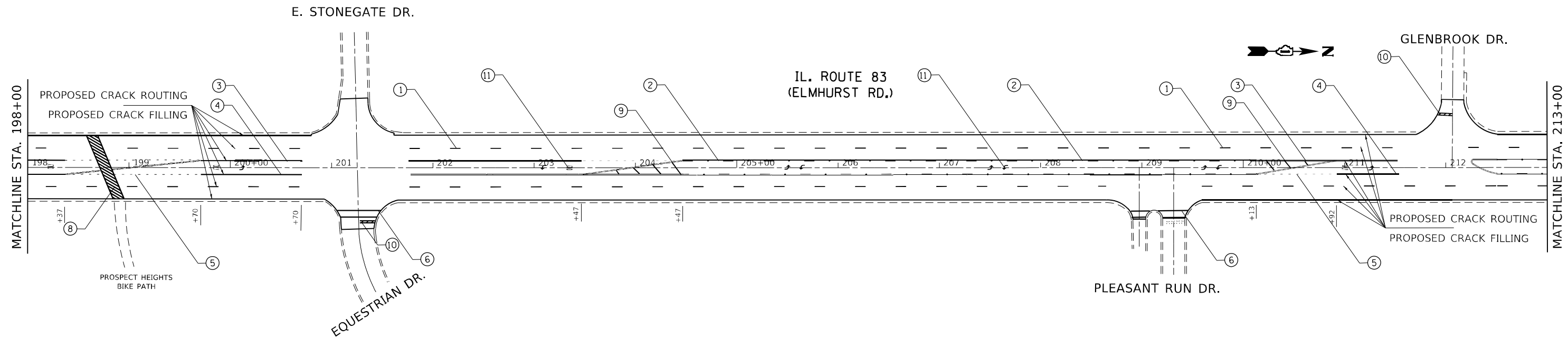
**IL 83 (SOUTH OF WEILAND ROAD TO PALATINE ROAD)
PROPOSED ROADWAY AND PAVEMENT MARKING PLANS**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| 344 | 2020-126-I | COOK | 16 | 4 |
| CONTRACT NO. 62M04 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| PAVEMENT MARKING LEGEND | | | |
|-------------------------|---|---|---|
| ① | PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH | ⑨ | PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN. |
| ② | PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE | ⑩ | PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR |
| ③ | PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C | ⑪ | PROP. MODIFIED URETHANE PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE |
| ④ | PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE TURN LANE | | |
| ⑤ | PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH | | |
| ⑥ | PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C | | |
| ⑦ | PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 90°, 2' SPACING | | |
| ⑧ | PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 45°, 2' SPACING | | |



ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL

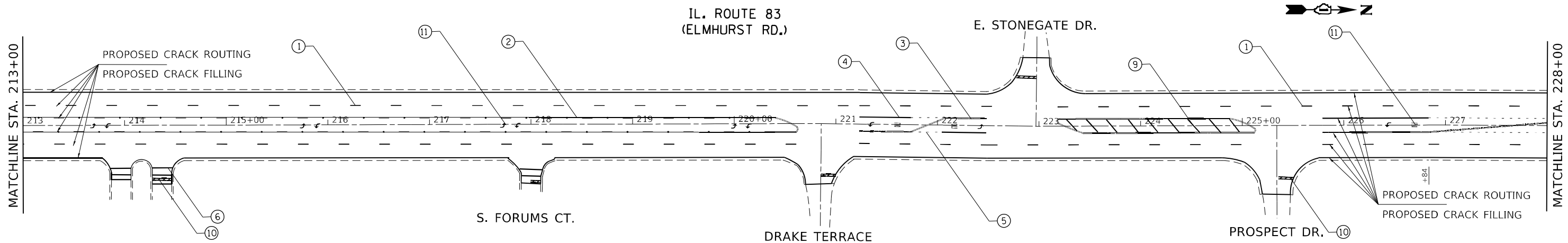
MODEL: Default
 FILE NAME: p:\planningroom\dot\illinois\dot\pww\dot\Documents\DOT Office\District 1\Project\ID152620\CADD\Drawings\Design\152620-sh-4-lb-000

| | | |
|------------------------------|------------|-----------|
| USER NAME = elknatibaj | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 12/16/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

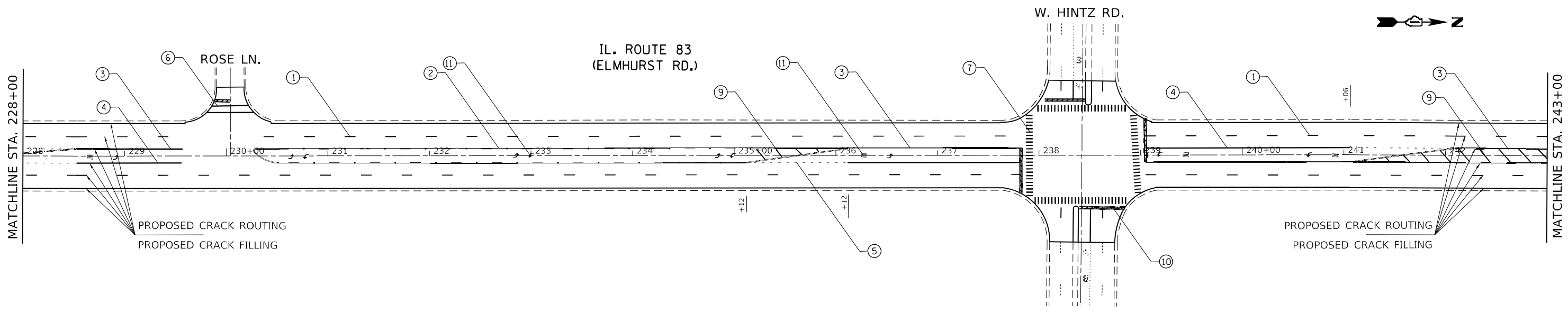
**IL 83 (SOUTH OF WEILAND ROAD TO PALATINE ROAD)
 PROPOSED ROADWAY AND PAVEMENT MARKING PLANS**
 SCALE: 1"=50' SHEET OF SHEETS STA. 186+93.4 TO STA. 213+00

| | | | | |
|--------------------|--------------------|-------------|---------------------------|-------------|
| F.A.P. RTE. 344 | SECTION 2020-126-I | COUNTY COOK | TOTAL SHEETS 16 | SHEET NO. 5 |
| CONTRACT NO. 62M04 | | | ILLINOIS FED. AID PROJECT | |



PAVEMENT MARKING LEGEND

| | | |
|---|--|--|
| <p>① PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH</p> <p>② PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE</p> <p>③ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C</p> <p>④ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE TURN LANE</p> | <p>⑤ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH</p> <p>⑥ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C</p> <p>⑦ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 90°, 2' SPACING</p> <p>⑧ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 45°, 2' SPACING</p> | <p>⑨ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75° SPACING OR 5 MIN.</p> <p>⑩ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR</p> <p>⑪ PROP. MODIFIED URETHANE PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE</p> |
|---|--|--|



ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL

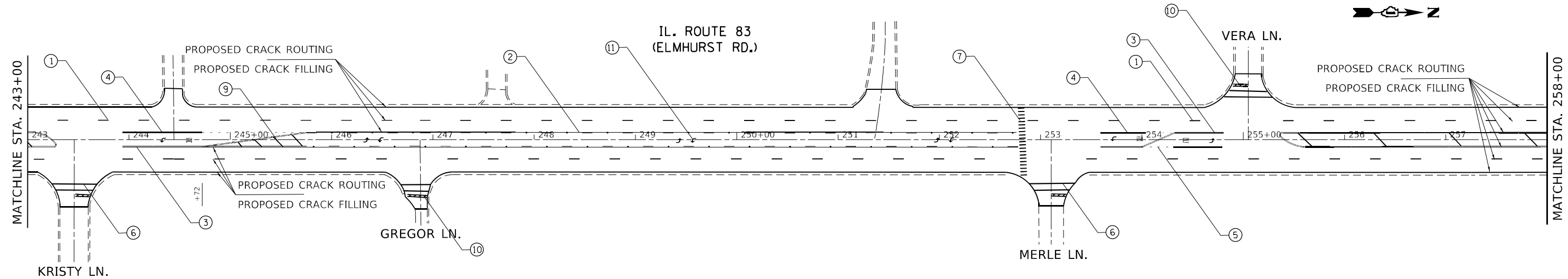
MODEL: Default
 FILE NAME: \\paulhanrahan.com\dwt\illinois\dot\Office\Documents\DOT_Office\Drawings\1\Projects\152620\CADD\Drawings\Design\152620-eh-elb-ar.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = elknatibaj | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 12/16/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

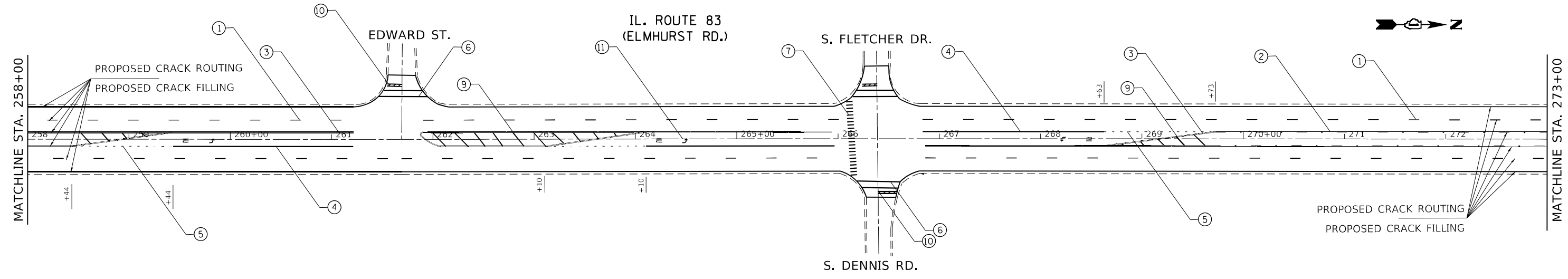
| | | | |
|---|-------------|----|-------------|
| IL 83 (SOUTH OF WEILAND ROAD TO PALATINE ROAD) PROPOSED ROADWAY AND PAVEMENT MARKING PLANS | | | |
| SCALE: 1"=50' | SHEET | OF | SHEETS |
| | STA. 213+00 | TO | STA. 243+00 |

| | | | | |
|---------------------------|--------------------|-------------|-----------------|-------------|
| F.A.P. RTE. 344 | SECTION 2020-126-I | COUNTY COOK | TOTAL SHEETS 16 | SHEET NO. 6 |
| CONTRACT NO. 62M04 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



PAVEMENT MARKING LEGEND

| | | |
|---|--|--|
| <p>① PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH</p> <p>② PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE</p> <p>③ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C</p> <p>④ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE TURN LANE</p> | <p>⑤ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH</p> <p>⑥ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C</p> <p>⑦ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 90°, 2' SPACING</p> <p>⑧ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 45°, 2' SPACING</p> | <p>⑨ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN.</p> <p>⑩ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR</p> <p>⑪ PROP. MODIFIED URETHANE PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE</p> |
|---|--|--|



ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL

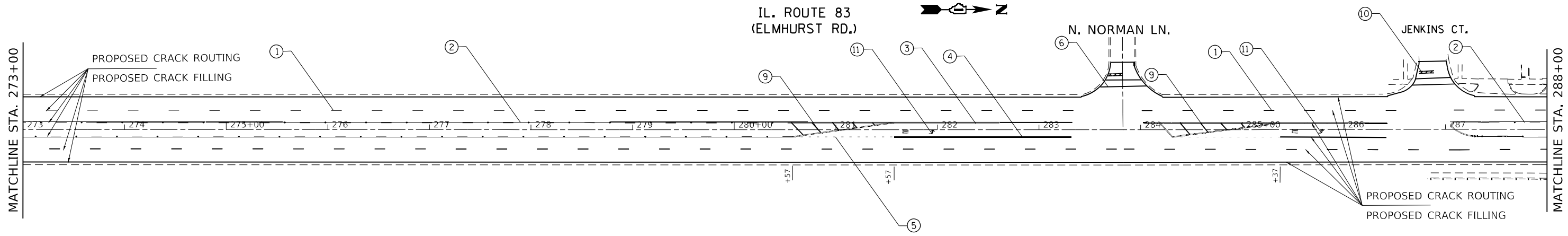
MODEL: Default
 FILE NAME: p:\pub\m04\m04_04\illinois.gov\PWIDOT\Documents\DOT_Offices\District 1\Projects\152620\CADD\Drawings\Design\152620-sh-lb-04.dwg
 PROJECT: 152620

| | | |
|------------------------------|------------|-----------|
| USER NAME = elknabj | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 12/16/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

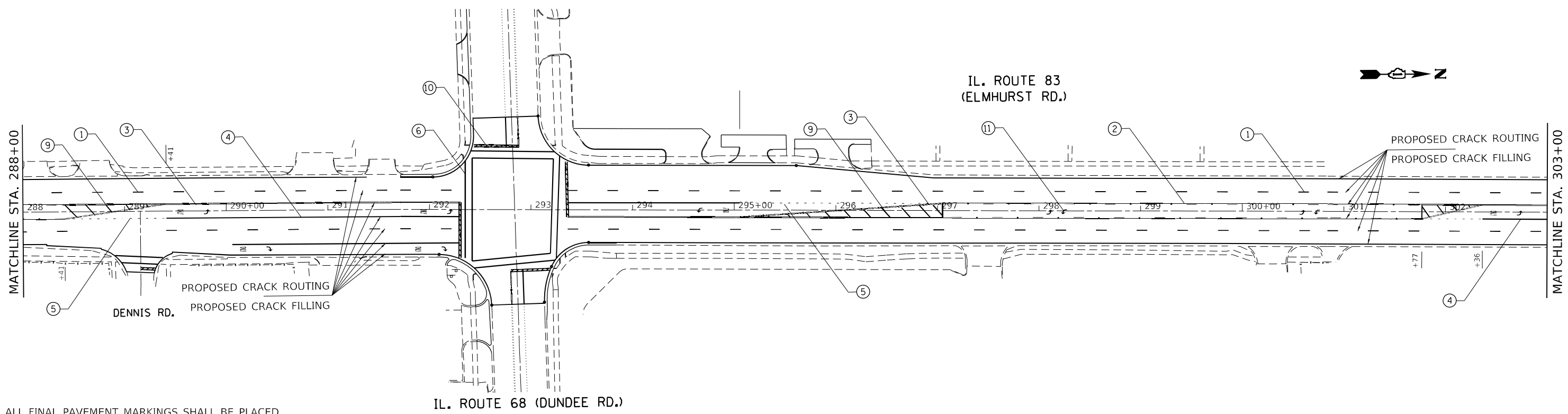
| | | | |
|---|-------|----|----------------------------|
| IL 83 (SOUTH OF WEILAND ROAD TO PALATINE ROAD) PROPOSED ROADWAY AND PAVEMENT MARKING PLANS | | | |
| SCALE: 1"=50' | SHEET | OF | SHEETS |
| | | | STA. 243+00 TO STA. 273+00 |

| | | | | |
|---------------------------|--------------------|-------------|-----------------|-------------|
| F.A.P. RTE. 344 | SECTION 2020-126-I | COUNTY COOK | TOTAL SHEETS 16 | SHEET NO. 7 |
| CONTRACT NO. 62M04 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



PAVEMENT MARKING LEGEND

| | | |
|---|--|--|
| <p>① PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH</p> <p>② PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE</p> <p>③ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C</p> <p>④ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE TURN LANE</p> | <p>⑤ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH</p> <p>⑥ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C</p> <p>⑦ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 90°, 2' SPACING</p> <p>⑧ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 45°, 2' SPACING</p> | <p>⑨ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN.</p> <p>⑩ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR</p> <p>⑪ PROP. MODIFIED URETHANE PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE</p> |
|---|--|--|



ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL

MODEL: Default
 FILE NAME: p:\data\m00m04.dwg
 PROJECT: I:\Projects\152620\CADD\152620-CADD\152620-CADD.dwg
 PROJECT: I:\Projects\152620\CADD\152620-CADD\152620-CADD.dwg

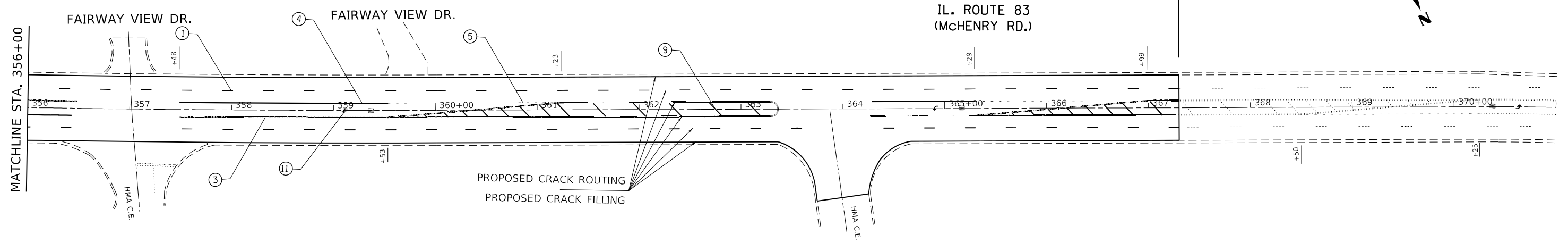
| | | |
|------------------------------|------------|-----------|
| USER NAME = elkhatibaj | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 12/16/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|---|--|
| IL 83 (SOUTH OF WEILAND ROAD TO PALATINE ROAD) PROPOSED ROADWAY AND PAVEMENT MARKING PLANS | |
| SCALE: 1"=50' | SHEET OF SHEETS STA. 273+00 TO STA. 303+00 |

| | | | | |
|--------------------|--------------------|-------------|---------------------------|-------------|
| F.A.P. RTE. 344 | SECTION 2020-126-I | COUNTY COOK | TOTAL SHEETS 16 | SHEET NO. 8 |
| CONTRACT NO. 62M04 | | | ILLINOIS FED. AID PROJECT | |

**PROJECT ENDS
STA. 367 + 30**



PAVEMENT MARKING LEGEND

- | | | |
|---|--|--|
| <p>① PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH WHITE LANE LINE @ 30' SKIP & 10' DASH</p> <p>② PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SOLID YELLOW LINE</p> <p>③ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C</p> <p>④ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE TURN LANE</p> | <p>⑤ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH</p> <p>⑥ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C</p> <p>⑦ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 90°, 2' SPACING</p> <p>⑧ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID WHITE LONGITUDINAL BAR @ 45°, 2' SPACING</p> | <p>⑨ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN.</p> <p>⑩ PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 24" SOLID WHITE STOP BAR</p> <p>⑪ PROP. MODIFIED URETHANE PAVEMENT MARKING LETTERS & SYMBOLS, SOLID WHITE</p> |
|---|--|--|

ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL

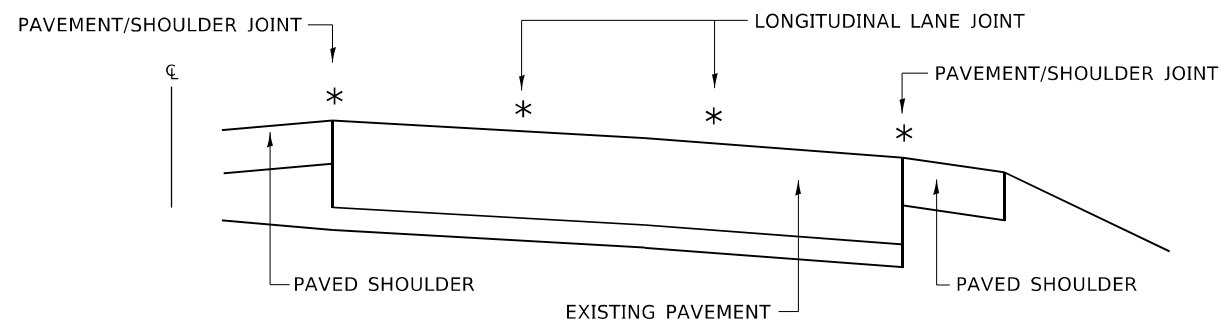
MODEL: Default
 FILE NAME: p:\pub\harrington.dwg
 PROJECT: I:\Projects\152620\CADDData\Design\152620-eh-lb-01.dwg

| | | |
|------------------------------|------------|-----------|
| USER NAME = elknatibaj | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 12/16/2020 | DATE - | REVISED - |

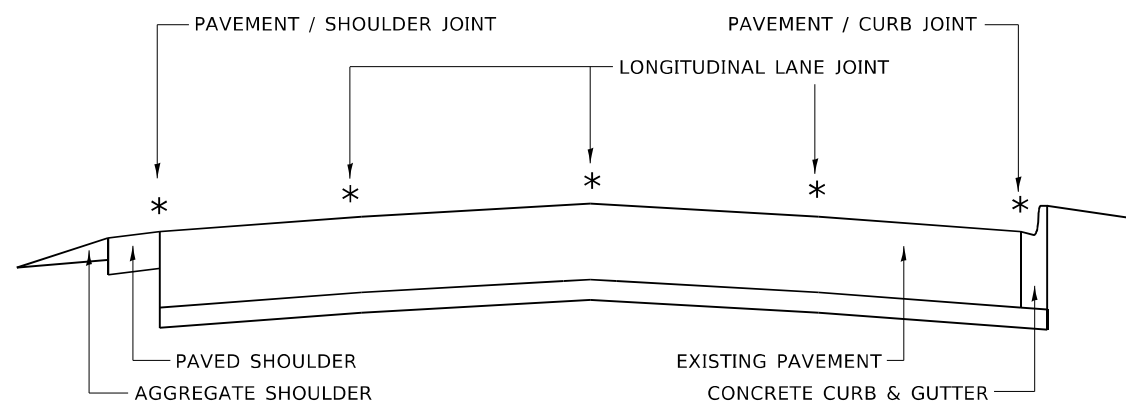
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|-------|----|------------------------------|
| IL 83 (SOUTH OF WEILAND ROAD TO PALATINE ROAD) | | | |
| PROPOSED ROADWAY AND PAVEMENT MARKING PLANS | | | |
| SCALE: 1"=50' | SHEET | OF | SHEETS |
| | | | STA. 356+00 TO STA. 381+88.4 |

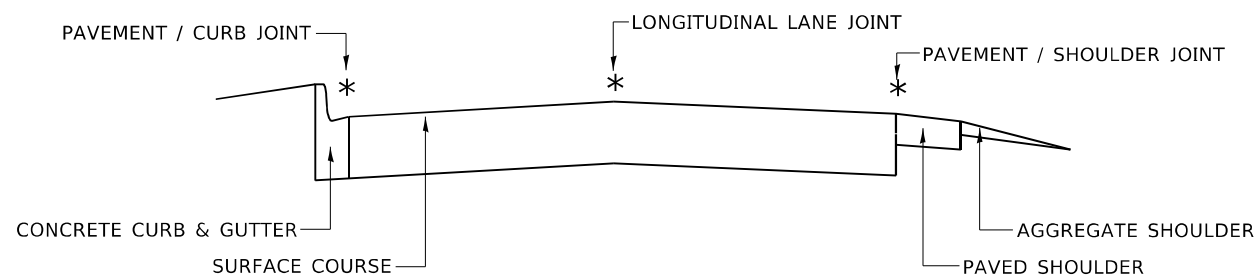
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| 344 | 2020-126-I | COOK | 16 | 11 |
| CONTRACT NO. 62M04 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



MULTI-LANE DIVIDED PAVEMENT



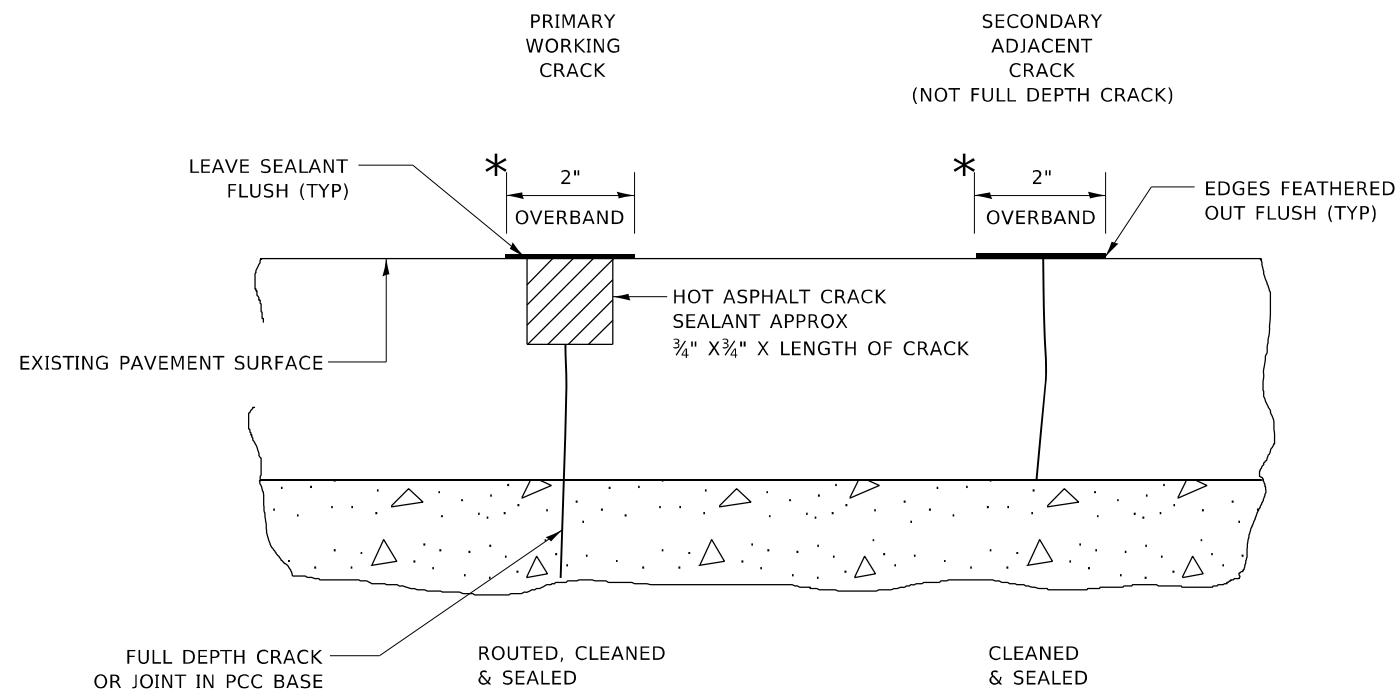
MULTI-LANE UNDIVIDED PAVEMENT



TWO-LANE PAVEMENT

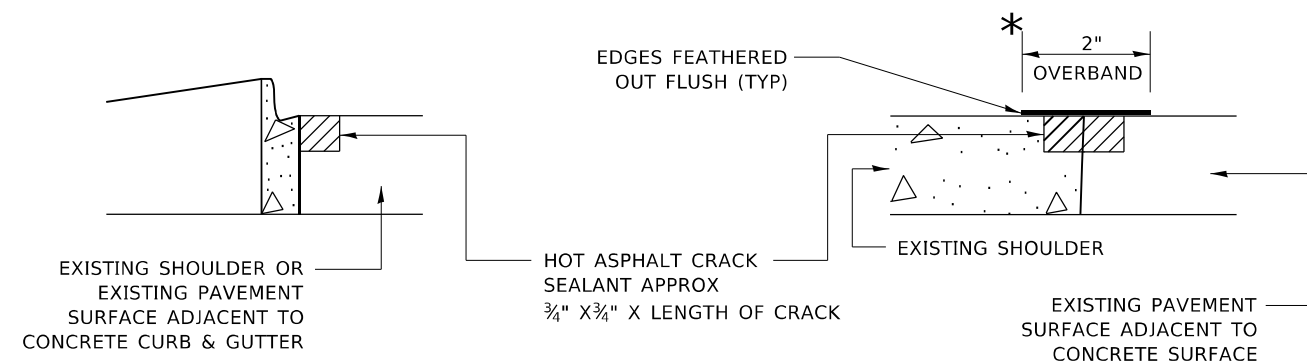
* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

**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

MODEL: Default
FILE NAME: p:\mhammon.dwt\illinois\pwr\pww\DOT\Documents\DOT_Offices\Distric. 1\Projects\Distric5\22-3A\CAD\Drawn\CAD\Sheet\311.dwg

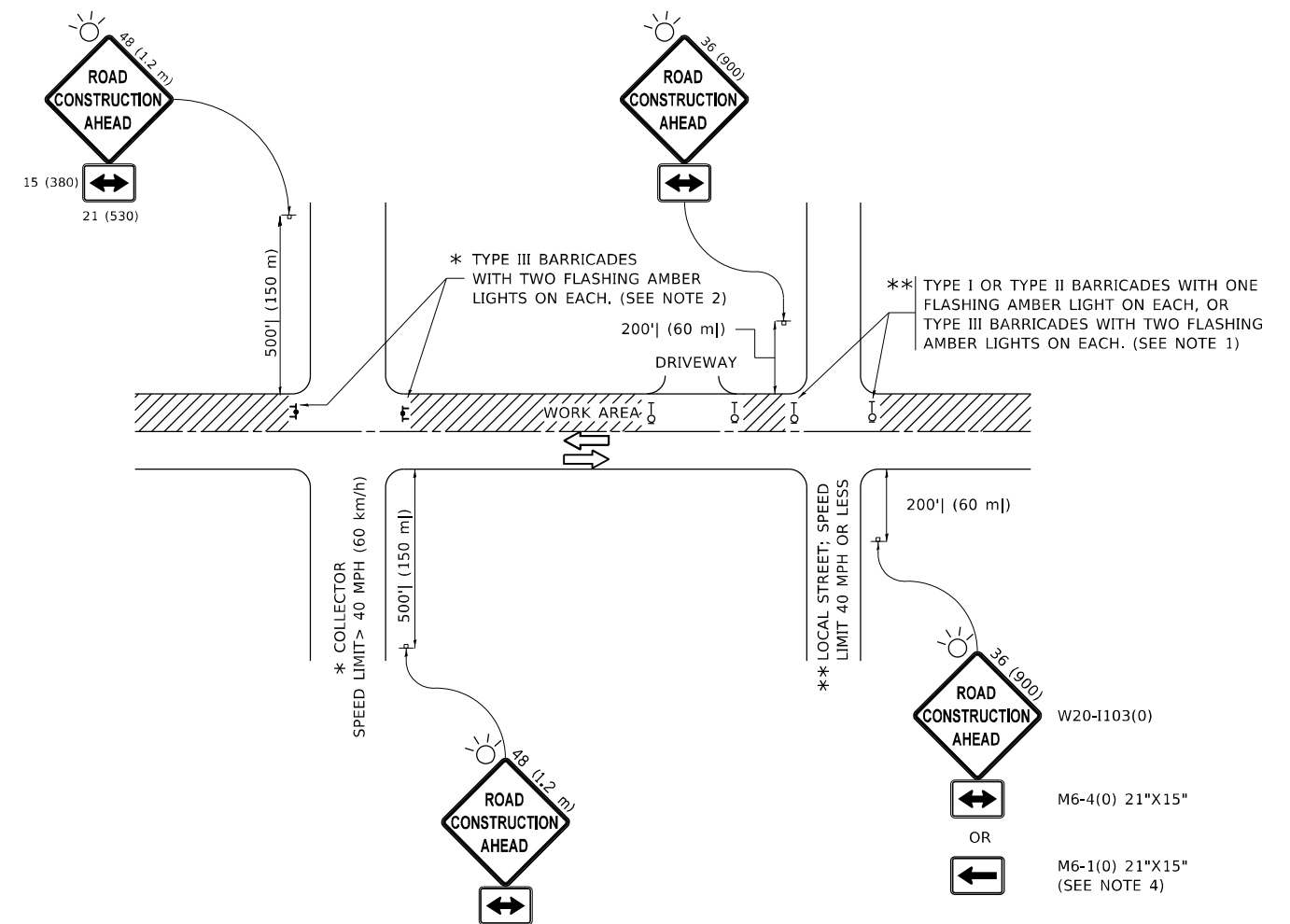
| | | |
|------------------------------|--------------------------------|-----------|
| USER NAME = leysa | DESIGNED - F. Aqueel / A. Midy | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/7/2020 | DATE - 10/08/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CRACK & JOINT SEALING DETAIL (PD-11)
IL 83 (SOUTH OF WEILAND ROAD TO PALATINE ROAD)**

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|--------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 344 | SECTION 2020-126-1 | COUNTY COOK | TOTAL SHEETS 16 | SHEET NO. 12 |
| CONTRACT NO. 62M04 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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.
 - 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.
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.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

MODEL: Default
FILE NAME: p:\m\m\room.eda\illinois.gov\PWIDOT\Documents\DOT_Offices\Distrefc_1\Project\ID152620\CADDData\Design\Distrefc.dgn

| | | |
|------------------------------|-------------------|---------------------------------|
| USER NAME = elkhatibaj | DESIGNED - L.H.A. | REVISED - A. HOUSEH 10-15-96 |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - T. RAMMACHER 01-06-00 |
| PLOT DATE = 11/24/2020 | DATE - 06-89 | REVISED - A. SCHUETZE 07-01-13 |
| | | REVISED - A. SCHUETZE 09-15-16 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------------|-----------|
| 344 | 2020-126-I | COOK | 16 | 13 |
| TC-10 | | | CONTRACT NO. 62M04 | |
| ILLINOIS FED. AID PROJECT | | | | |

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

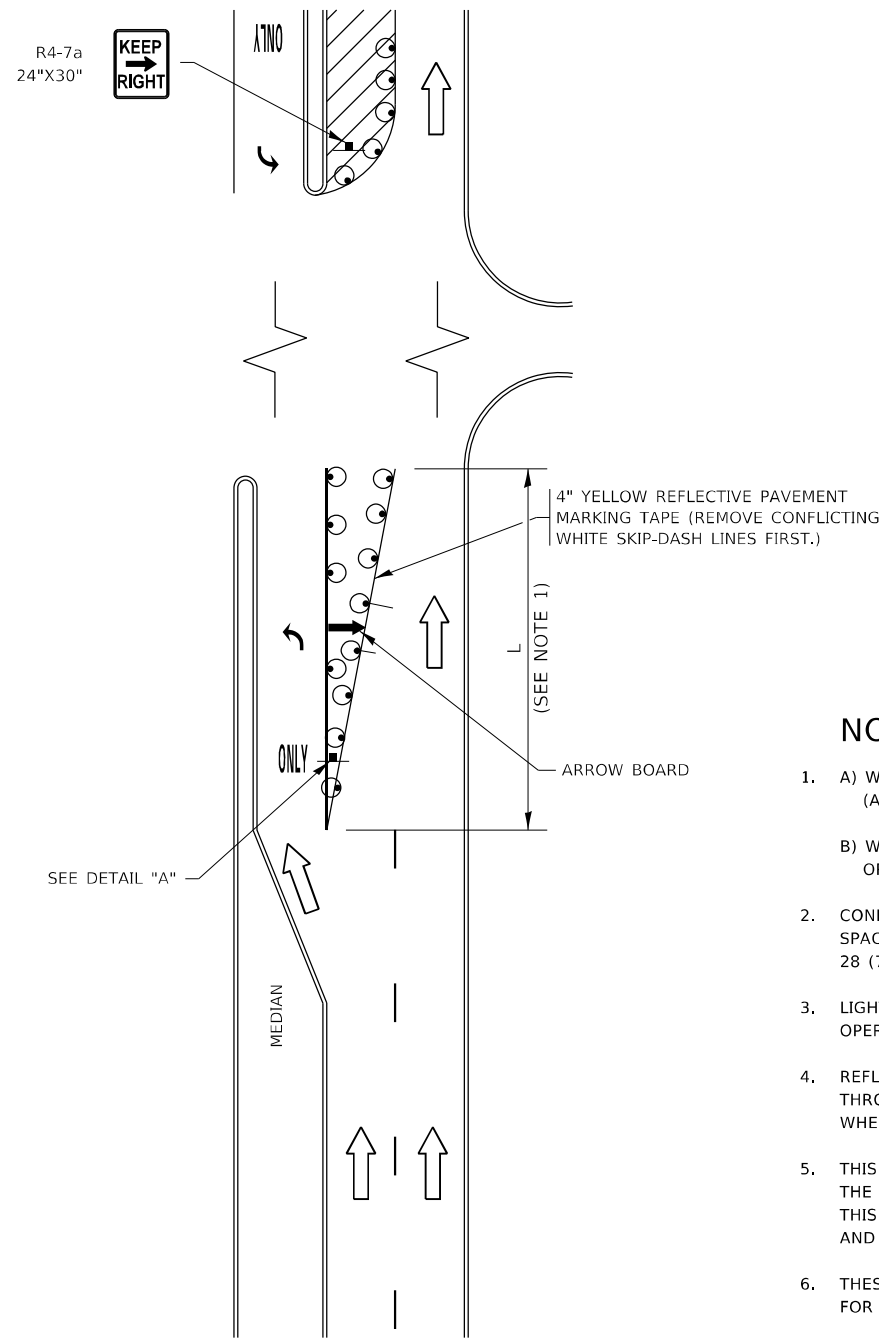


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

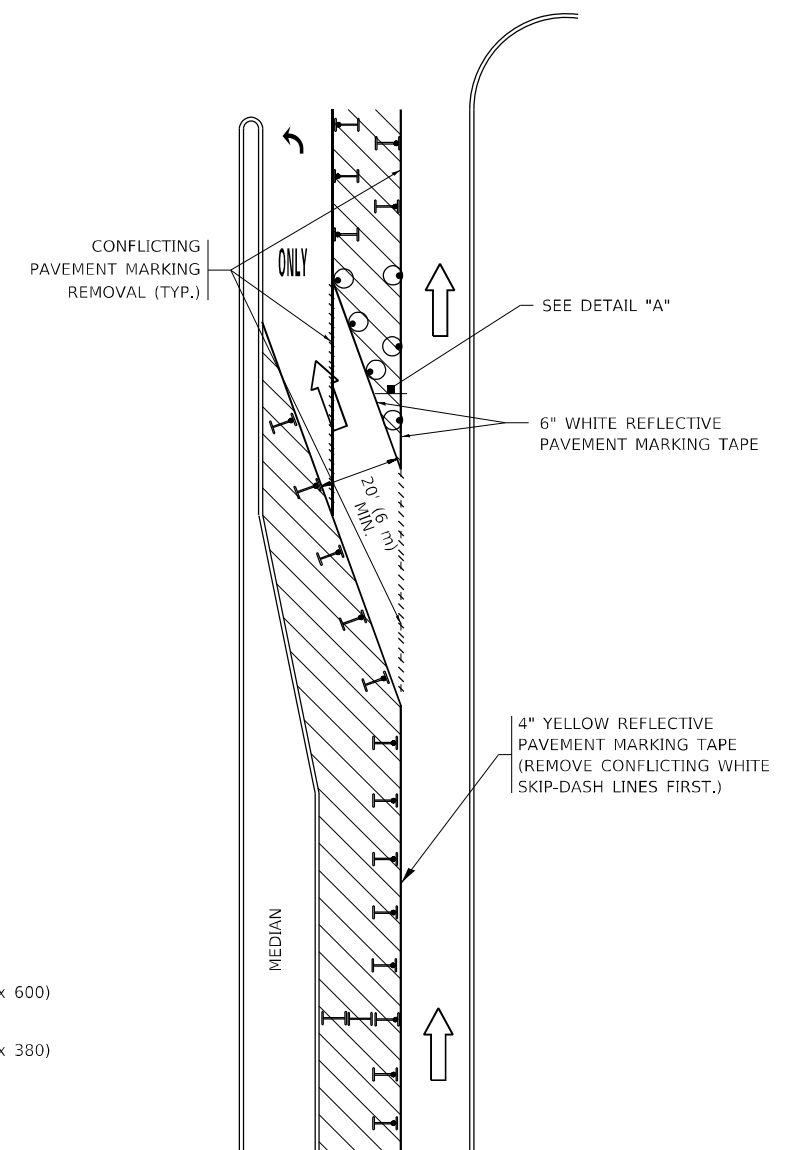
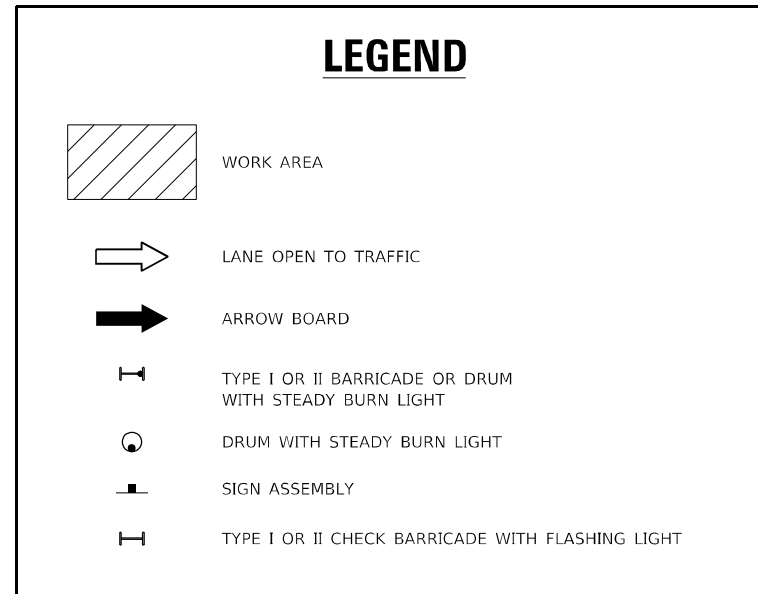
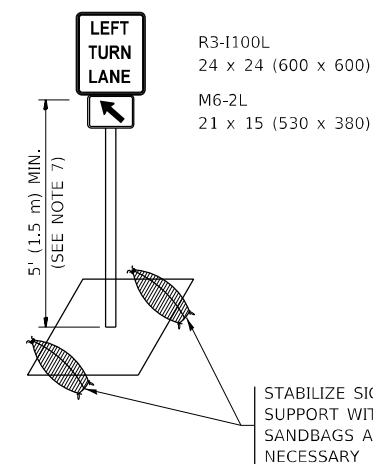


FIGURE 2



NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
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" R3-1100R 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 REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

MODEL: Default
FILE NAME: p:\pub\mcom.dwt\illinois.gov\PIWDOT\Documents\DOT_Offices\Distrefc_1\Projects\ID152620\CADDData\Design\Distrefc.dgn

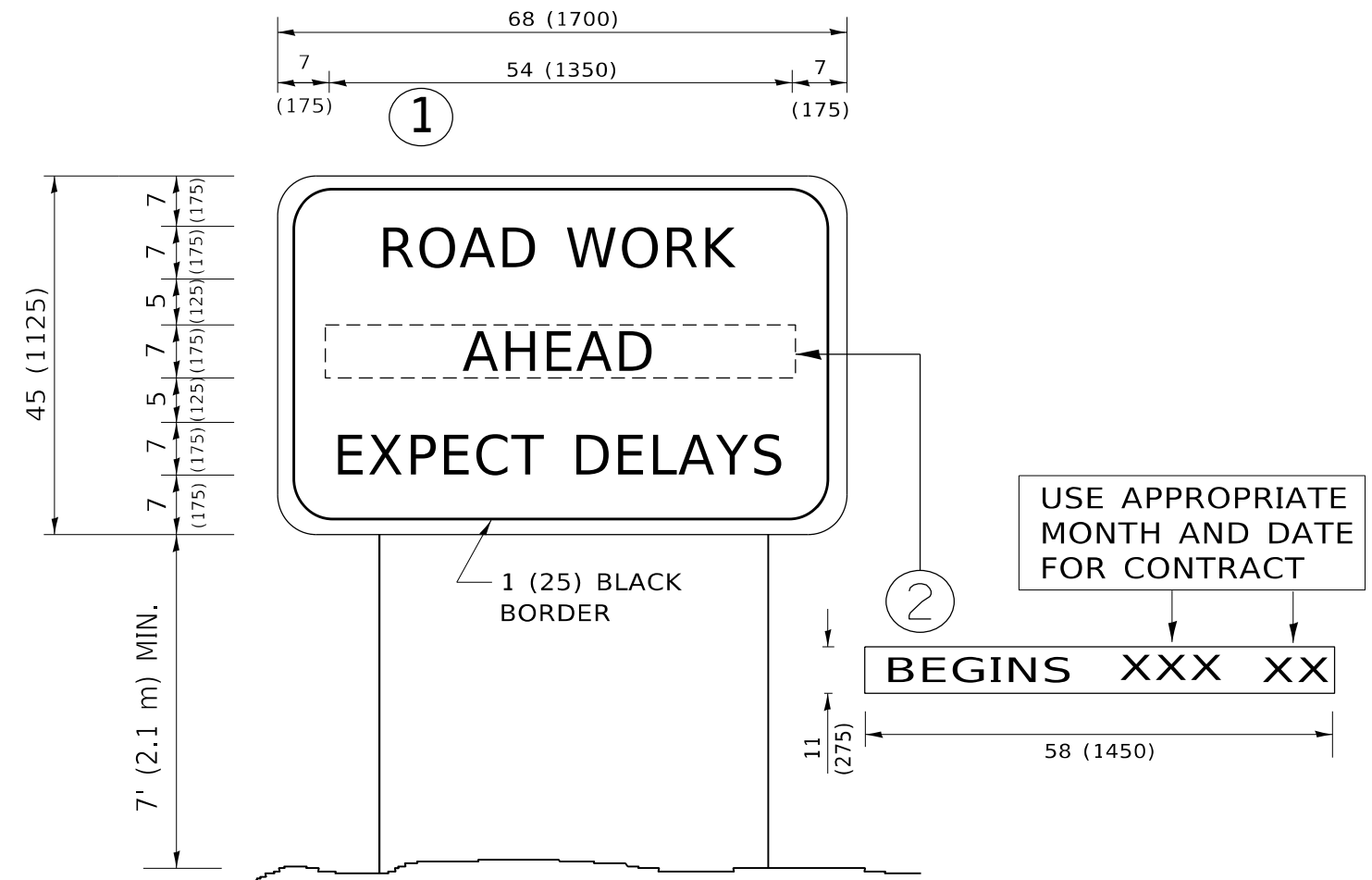
| | | |
|------------------------------|----------------------------------|--------------------------------|
| USER NAME = elkhatibaj | DESIGNED - T. RAMMACHER 09-08-94 | REVISED - R. BORO 09-14-09 |
| | DRAWN - A. HOUSEH 11-07-95 | REVISED - A. SCHUETZE 07-01-13 |
| PLOT SCALE = 100,0000' / in. | CHECKED - A. HOUSEH 10-12-96 | REVISED - A. SCHUETZE 09-15-16 |
| PLOT DATE = 11/24/2020 | DATE - T. RAMMACHER 01-06-00 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

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

| | | | | |
|---------------------------|------------|--------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 344 | 2020-126-I | COOK | 16 | 15 |
| TC-14 | | CONTRACT NO. 62M04 | | |
| ILLINOIS FED. AID PROJECT | | | | |



NOTES:

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

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

MODEL: Default
 FILE NAME: p:\pub\mroom.dwt\illinois.gov\PWIDOT\Documents\IDOT_Offices\Distric: 1\Project\ID 132620\CADD\Data\Design\Dist54.dgn

| | | |
|-------------------------------|------------|---------------------------------|
| USER NAME = elknatibaj | 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 = 11/24/2020 | DATE - | REVISED - C. JUCIUS 01-31-07 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

| | | | | |
|---------------------------|------------|--------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 344 | 2020-126-I | COOK | 16 | 16 |
| TC-22 | | | CONTRACT NO. 62M04 | |
| ILLINOIS FED. AID PROJECT | | | | |