

04-26-2024 LETTING ITEM 010

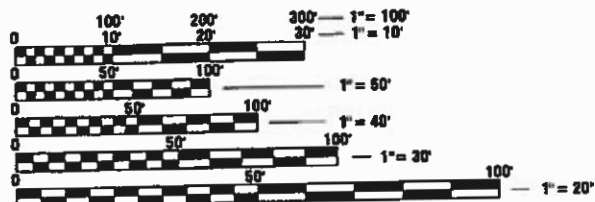
FOR INDEX OF SHEETS, HIGHWAY STANDARDS, AND PR LEGEND SEE SHEET NO. 2

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

FAU 1679 (BASELINE ROAD)
U.S. ROUTE 30 TO ILLINOIS ROUTE 31
ROADWAY RESURFACING
SECTION 23-00062-00-RS
PROJECT NUMBER: XBIP(161)
VILLAGE OF MONTGOMERY
KANE / KENDALL COUNTIES
JOB NO. C-91-095-24

BASELINE ROAD: **DESIGN DESIGNATION**
MAJOR COLLECTOR
DESIGN SPEED = 40 M.P.H.
POSTED SPEED = 40 M.P.H.
ADT (2019) = 1,800 VPD

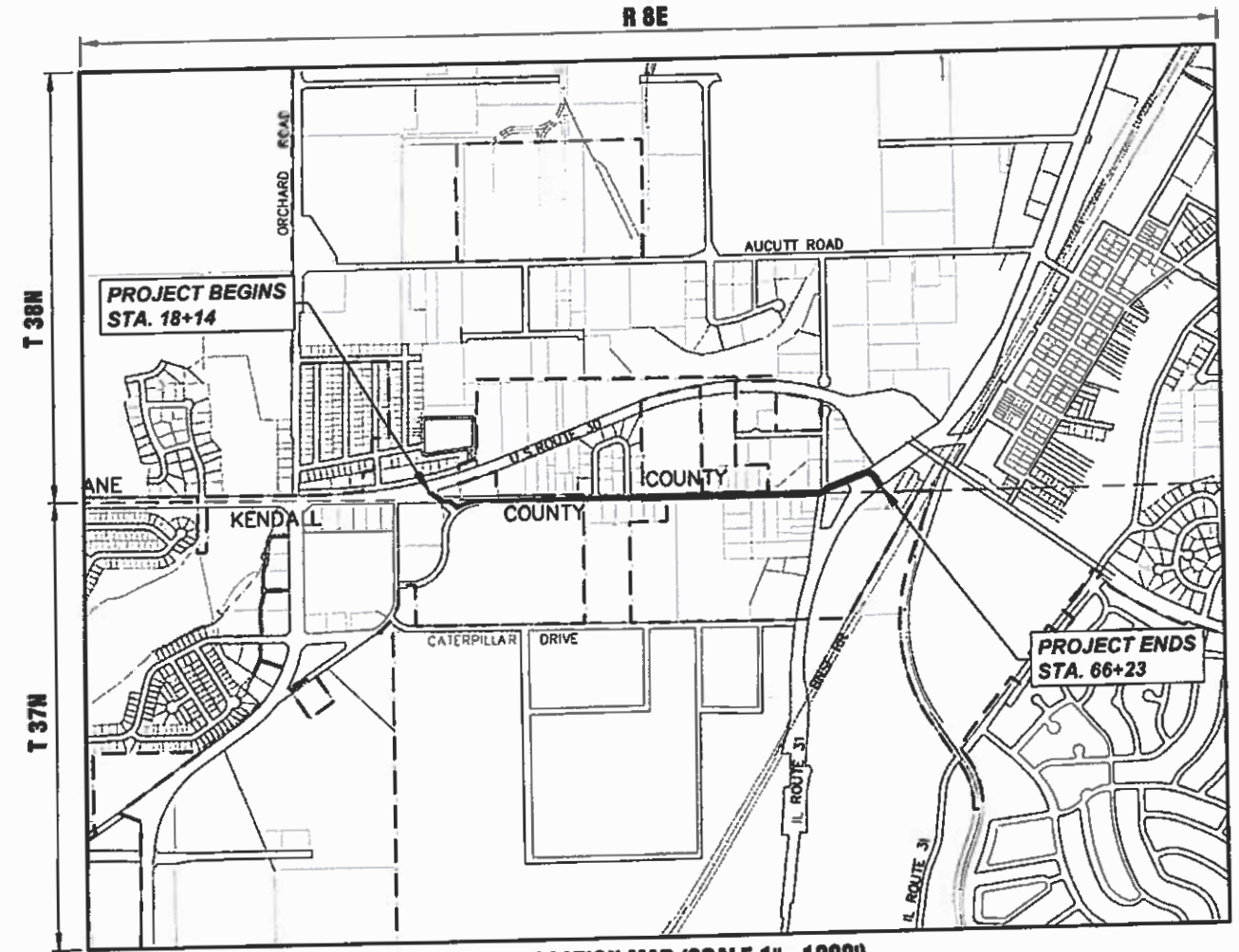
PROJECT LOCATED
IN THE VILLAGE OF
MONTGOMERY



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.



CONTRACT NO. 61K39



LOCATION MAP (SCALE 1"=1000')
SECTION 31 & 32, T38N, R8E, AURORA TOWNSHIP
SECTION 5 & 6, T37N, R8E, OSWEGO TOWNSHIP
GROSS LENGTH OF PROJECT = 4,809 FEET (0.911 MILES)
NET LENGTH OF PROJECT = 4,809 FEET (0.911 MILES)

| F.A.A.I. RTE. | SECTION | COUNTY | SHEETS | NO. |
|---------------|----------------|--------------|--------|--------------------|
| 1679 | 23-00062-00-RS | KANE/KENDALL | 22 | 1 |
| | | | | CONTRACT NO. 61K39 |



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED *M. Wolf*
3-13-2024 **MARCO WOLF**
VILLAGE OF MONTGOMERY, DIRECTOR OF PUBLIC WORKS

PASSED *Feb 22, 2024*
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW *Feb 23 - 2024*
JACKSON

DATE: 2-13-2024

Christopher J. Ott
CHRISTOPHER J. OTT

LICENSE EXPIRES: NOVEMBER 30, 2025

SHEETS: 1-22

062-069699
LICENSED PROFESSIONAL ENGINEER
OF ILLINOIS
SEAL

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
Phone: (830) 486-6700

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OF THE STATE OF ILLINOIS

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

GENERAL NOTES

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED JANUARY 1, 2022 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," ADOPTED JANUARY 1, 2024, THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS", SEVENTH EDITION, THE CODES AND ORDINANCES OF THE VILLAGE OF MONTGOMERY, ILLINOIS, THE DETAILS IN THE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

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

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

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE OWNER IF ANY UTILITY IMPROVEMENTS ARE REQUIRED WITHIN THE DURATION OF THE CONTRACT.

UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS. THE CONTRACTOR WILL BE REQUIRED TO GET ALL WATER FROM THE VILLAGE'S PUBLIC WORKS FACILITY AT 991 KNEEL ROAD OR AT THE POLICE STATION AT 10 CIVIC CENTER DRIVE.

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, FIELD TILES AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND NOT NECESSARY COMPLETE: THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE"(JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).

IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, THE OWNER'S AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE FROM THE CENTERLINE AS SHOWN ON THE PLANS.

MISCELLANEOUS

THE THICKNESS OF ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE ASPHALT MIXTURES ARE TO BE PLACED.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT.

WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, THE CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION. IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.

THE ENGINEER IS NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET AND DRIVEWAY ACCESS TO EACH ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL DISPOSE OF AND REMOVE FROM THE SITE EACH DAY ALL CURB, GUTTER, AND PAVEMENT.

THE ROADWAY ELEVATION FROM STATION 18+14 TO STATION 30+00 SHALL NOT CHANGE.

THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE RIGHT-OF-WAY OF ANY STREET SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT AS SHOWN ON THE PLANS IS FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATIONS AND QUANTITIES ARE TO BE DETERMINED AND MARKED BY THE ENGINEER PRIOR TO CONSTRUCTION.

ALL EXISTING SIGNS (INCLUDING THOSE LOCATED ON UTILITY/LIGHT POLES) THAT DO NOT CONFLICT WITH THE IMPROVEMENTS SHALL REMAIN IN PLACE UNLESS DIRECTED BY THE ENGINEER.

CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENT STATED HEREIN.

IDOT HIGHWAY STANDARDS

| | |
|-----------|--|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 442201-03 | CLASS C AND D PATCHES |
| 604001-05 | FRAME AND LID, TYPE 1 |
| 604006-05 | FRAME AND GRATE TYPE 3 |
| 606001-08 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15'(4.5M) TO 24" (600MM) FROM PAVEMENT EDGE |
| 701011-04 | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY |
| 701501-06 | URBAN LANE CLOSURE 2L, 2W, UNDIVIDED |
| 701901-09 | TRAFFIC CONTROL DEVICES |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT |
| 731001-01 | BASE FOR TELESCOPING STEEL SIGN SUPPORT |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 781001-04 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |

INDEX OF SHEETS

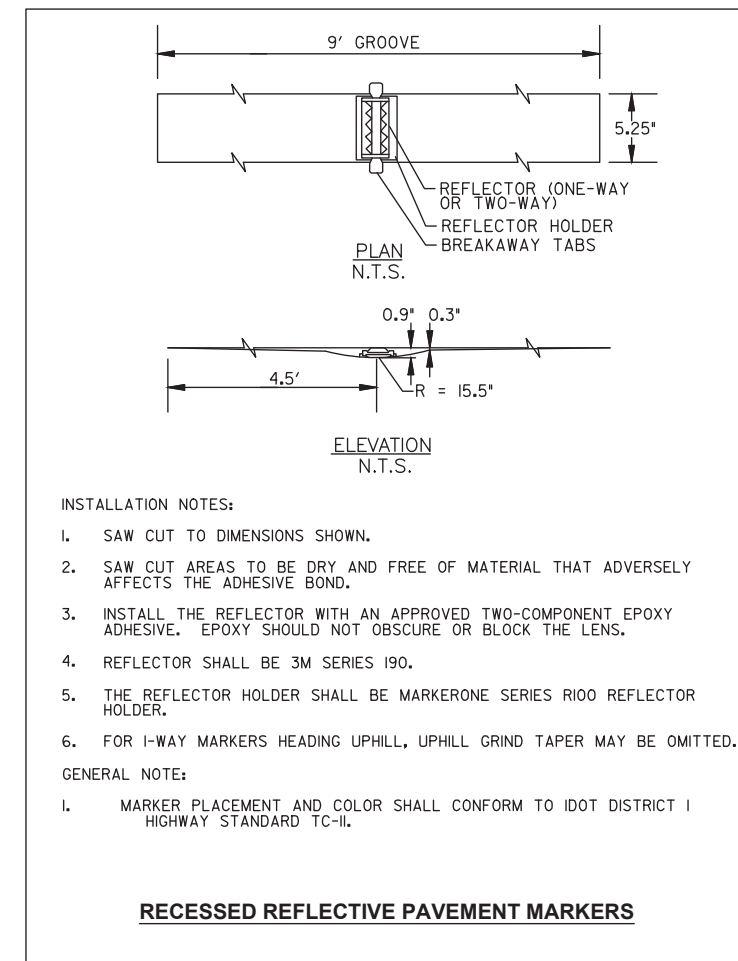
| SHEET NO. | SHEET DESCRIPTION |
|-----------|--|
| 1. | COVER SHEET |
| 2. | INDEX OF SHEETS, DETAILS, HIGHWAY STANDARDS, AND GENERAL NOTES |
| 3.-5. | SUMMARY OF QUANTITIES |
| 6.-7. | TYPICAL SECTIONS |
| 8-13 | RESURFACING PLAN |
| 14-22 | IDOT DISTRICT 1 DETAILS |

SHEET NO. IDOT DISTRICT ONE STD. DETAILS

| | | |
|-----|---------|---|
| 14. | (BD-08) | FRAMES AND LIDS ADJUSTMENT WITH MILLING |
| 15. | (BD-22) | PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT |
| 16. | (BD-24) | CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT |
| 17. | (BD-32) | BUTT JOINT AND HMA TAPER DETAILS |
| 18. | (TC-10) | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS |
| 19. | (TC-11) | RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) |
| 20. | (TC-13) | TYPICAL PAVEMENT MARKINGS |
| 21. | (TC-16) | SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS |
| 22. | (TC-22) | ARTERIAL ROAD INFORMATION SIGN |

SUPPLEMENTAL LEGEND

| | |
|--|--|
| | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (2'-3") |
| | HOT-MIX ASPHALT SURFACE REMOVAL, 3" DEPTH |
| | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT AND INCIDENTAL HOT-MIX ASPHALT SURFACING |
| | COMB CONC C&G REMOVAL AND REPLACEMENT |
| | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT |
| | DRIVEWAY PAVEMENT REMOVAL |



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, DETAILS,
HIGHWAY STANDARDS, AND GENERAL NOTES**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------------|---------------------------|-----------|
| 1679 | 23-00062-00-R5 | KANE/KENDALL | 22 | 2 |
| CONTRACT NO. 6IK39 | | | ILLINOIS FED. AID PROJECT | |

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eetweb.com

| | | |
|--|------------|-----------|
| USER NAME = Alice Maupin | DESIGNED - | REVISED - |
| PLOT SCALE = | DRAWN - | REVISED - |
| PLOT DATE = February 12, 2024 @ 11:50 AM | CHECKED - | REVISED - |
| | DATE - | REVISED - |

SUMMARY OF QUANTITIES

| CODE NUMBER | ITEM DESCRIPTION | UNIT | ROADWAY |
|-------------|---|-------|----------------------------------|
| | | | 75% FEDERAL 25% LOCAL 0005 |
| 21101615 | TOPSOIL FURNISH AND PLACE, 4' | SQ YD | 45 |
| 25200110 | SODDING, SALT TOLERANT | SQ YD | 45 |
| 25200200 | SUPPLEMENTAL WATERING | UNIT | 1 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 10 |
| 28000510 | INLET FILTERS | EACH | 5 |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 10,135 |
| 40600370 | LONGITUDINAL JOINT SEALANT | FOOT | 4,809 |
| 40600400 | MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS | TON | 5 |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 163 |
| 40602978 | HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 | TON | 1,380 |
| 40604060 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX"D", N50 | TON | 1,380 |
| 44000161 | HOT-MIX ASPHALT SURFACE REMOVAL, 3" | SQ YD | 4,770 |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 28 |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 75 |
| 44201745 | CLASS D PATCHES, TYPE III, 8 INCH | SQ YD | 120 |

Δ INDICATES SPECIALTY ITEM

Plotted: February 12, 2024 @ 11:50 AM By: Alice Maupin - Model Name: 03_Sum of Quan 2234

FILE NAME = H:\SOSPROJ\MO_MONTGOMERY\2023\MO2324\DWG_FINAL\ENG\MO2324-COVER



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Sugar Grove, Illinois 60554
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| | | |
|--|------------|-----------|
| USER NAME = Alice Maupin | DESIGNED - | REVISED - |
| PLOT SCALE = | DRAWN - | REVISED - |
| PLOT DATE = February 12, 2024 @ 11:50 AM | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

| | | | | |
|--------------------|---------------|--------------|---------------------------|--------------|
| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| I679 | 23-0062-00-RS | KANE/KENDALL | 22 | 3 |
| CONTRACT NO. 6IK39 | | | ILLINOIS FED. AID PROJECT | |

FILE NAME = H:\SOSPROJ\MO_MONTGOMERY\2023\MO2324\DWG_FINAL\ENG\MO2324-COVER

SUMMARY OF QUANTITIES

| CODE NUMBER | ITEM DESCRIPTION | UNIT | ROADWAY | |
|-------------|--|-------|-------------|----------------|
| | | | 75% FEDERAL | 25% LOCAL 0005 |
| 44201747 | CLASS D PATCHES, TYPE IV, 8 INCH | SQ YD | 280 | |
| 48102100 | AGGREGATE WEDGE SHOULDER, TYPE B | TON | 190 | |
| 60255500 | MANHOLES TO BE ADJUSTED | EACH | 2 | |
| 60280100 | INLETS TO BE ADJUSTED | EACH | 5 | |
| 60404300 | FRAMES AND GRATES, TYPE 3 | EACH | 5 | |
| 60406100 | FRAMES AND LIDS, TYPE 1, CLOSED LID | EACH | 1 | |
| 60603800 | COMBINATION CURB AND GUTTER, TYPE B-6.12 | FOOT | 75 | |
| 67100100 | MOBILIZATION | L SUM | 1 | |
| 70102820 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 | L SUM | 1 | |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 1,200 | |
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 400 | |
| 70300221 | TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT | FOOT | 1,200 | |
| Δ 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 36 | |
| Δ 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 13,173 | |
| Δ 78000500 | THERMOPLASTIC PAVEMENT MARKING - LINE 8" | FOOT | 68 | |

Δ INDICATES SPECIALTY ITEM

Plotted: February 12, 2024 @ 11:50 AM By: Alice Maupin - Media Name: 04 Sum of Quan 22x34

FILE NAME = H:\S\SPROJ\AVI0_110N\COMERY\2023\02324\DWG FINAL ENG\02324-COVER



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52 Wheeler Road
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| | | |
|--|------------|-----------|
| USER NAME = Alice Maupin | DESIGNED - | REVISED - |
| PLOT SCALE = | DRAWN - | REVISED - |
| PLOT DATE = February 12, 2024 @ 11:50 AM | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------------|--------------------|-----------|
| 1679 | 23-00062-00-RS | KANE/KENDALL | 22 | 4 |
| ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 6IK39 | |

FILE NAME = H:\S\SPROJ\AVI0_110N\COMERY\2023\02324\DWG FINAL ENG\02324-COVER

SUMMARY OF QUANTITIES

| CODE NUMBER | ITEM DESCRIPTION | UNIT | ROADWAY |
|-------------|--|-------|----------------------------------|
| | | | 75% FEDERAL 25% LOCAL 0005 |
| Δ 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 35 |
| Δ 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 116 |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 93 |
| X4401198 | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | SQ YD | 11,200 |
| X6026050 | SANITARY MANHOLES TO BE ADJUSTED | EACH | 3 |
| Δ X7810300 | RECESSED REFLECTIVE PAVEMENT MARKER | EACH | 96 |
| XX006947 | HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT | SQ YD | 1,435 |
| Z0030850 | TEMPORARY INFORMATION SIGNING | SQ FT | 77.1 |

Δ INDICATES SPECIALTY ITEM

Printed: February 12, 2024 @ 11:50 AM By: Alice Maupin - Model Name: 05_Sum of Quan 27x34

FILE NAME = H:\SBS\PROJ\MO_MONTGOMERY\2023\023\023\FINAL ENCL\02324-COVER



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| | | |
|--|------------|-----------|
| USER NAME = Alice Maupin | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = | CHECKED - | REVISED - |
| PLOT DATE = February 12, 2024 @ 11:50 AM | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

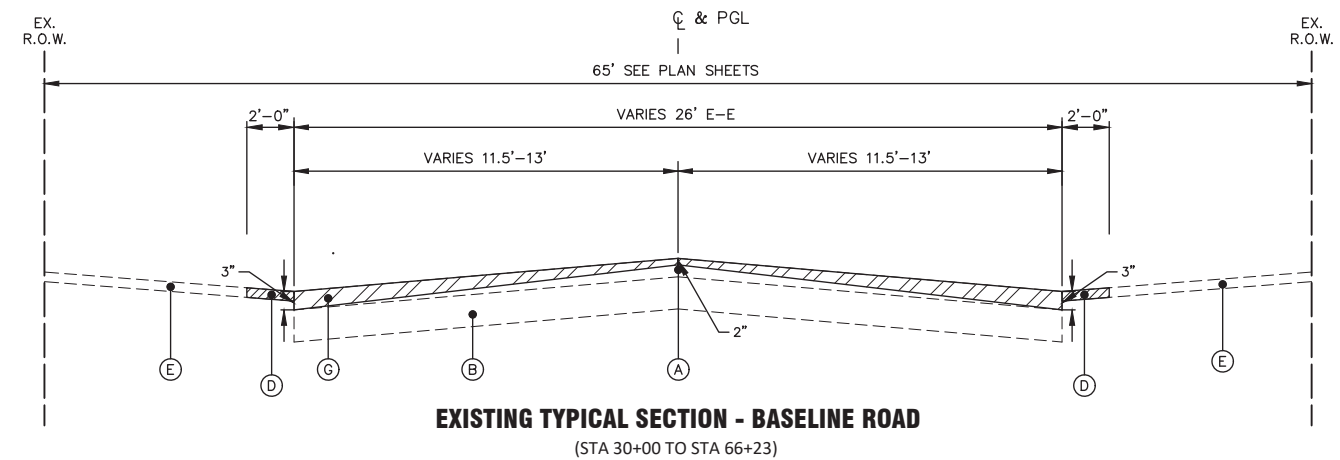
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| SUMMARY OF QUANTITIES | | |
| SCALE: N.T.S. | SHEET 3 OF 3 SHEETS | STA. TO STA. |

| | | | | |
|---------------------------|----------------|--------------|--------------|-----------|
| F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| I679 | 23-00062-00-RS | KANE/KENDALL | 22 | 5 |
| CONTRACT NO. 6IK39 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

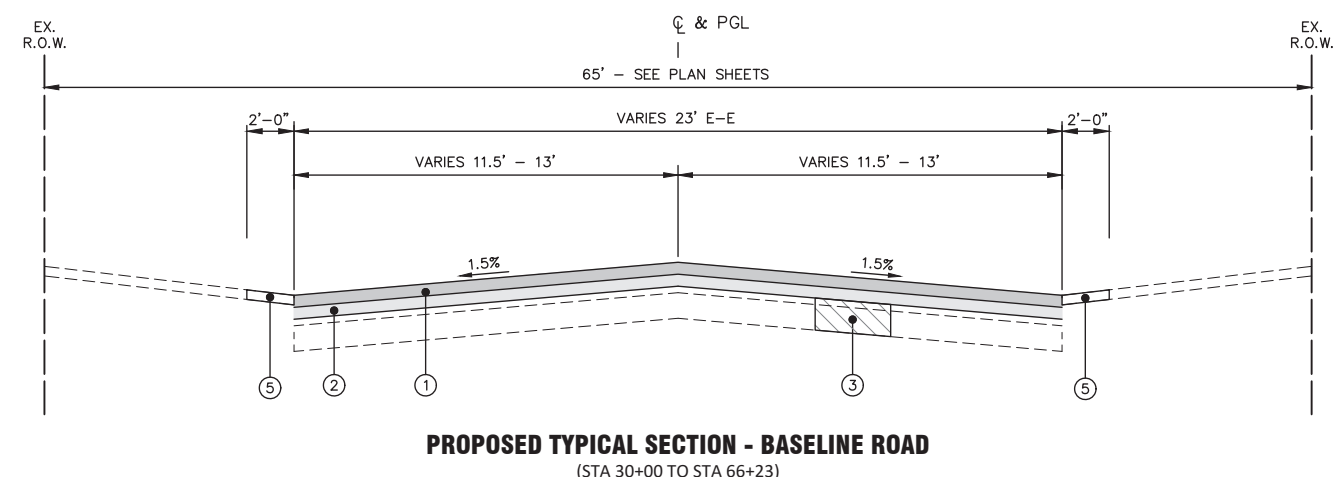
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Plotted: February 12, 2024 @ 11:50 AM By: Alice Maupin - Model Name: 07 Typ Section 22x34

FILE NAME = H:\SDSKPROJ\MO_MONTGOMERY\2023\M02324\DWG_FINAL_ENG\M02324-COVER



EXISTING TYPICAL SECTION - BASELINE ROAD
(STA 30+00 TO STA 66+23)



PROPOSED TYPICAL SECTION - BASELINE ROAD
(STA 30+00 TO STA 66+23)

EXISTING LEGEND

| | |
|-----|---|
| (A) | EXISTING HOT-MIX ASPHALT PAVEMENT (7" - 12") |
| (B) | EXISTING AGGREGATE BASE COURSE (6.5" - 10") |
| (C) | EXISTING COMBINATION CONCRETE CURB & GUTTER. B6.12 |
| (D) | EXISTING AGGREGATE SHOULDER |
| (E) | EXISTING PARKWAY |
| (F) | HOT-MIX ASPHALT SURFACE REMOVAL, 3" |
| (G) | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (2"-3") |

PROPOSED LEGEND

| | |
|-----|---|
| (1) | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5" |
| (2) | HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5" |
| (3) | CLASS D PATCH, 8" (LOCATIONS TO BE DETERMINED BY ENGINEER) |
| (4) | COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPOT REMOVAL AND REPLACEMENT AS DIRECTED BY THE ENGINEER) |
| (5) | AGGREGATE SHOULDER, TYPE B |
| (6) | TOPSOIL AND SODDING, SALT TOLERANT |
| (7) | HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT |

NOTES:
THE PATCHING QUANTITIES HAVE BEEN ESTIMATED BASED ON FIELD OBSERVATIONS DURING DESIGN. ACTUAL QUANTITIES TO BE DETERMINED DURING CONSTRUCTION.

NO PROPOSED WORK WILL TAKE PLACE OUTSIDE OF THE R.O.W.



| | | |
|--|------------|-----------|
| USER NAME = Alice Maupin | DESIGNED - | REVISED - |
| PLOT SCALE = | DRAWN - | REVISED - |
| PLOT DATE = February 12, 2024 @ 11:50 AM | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

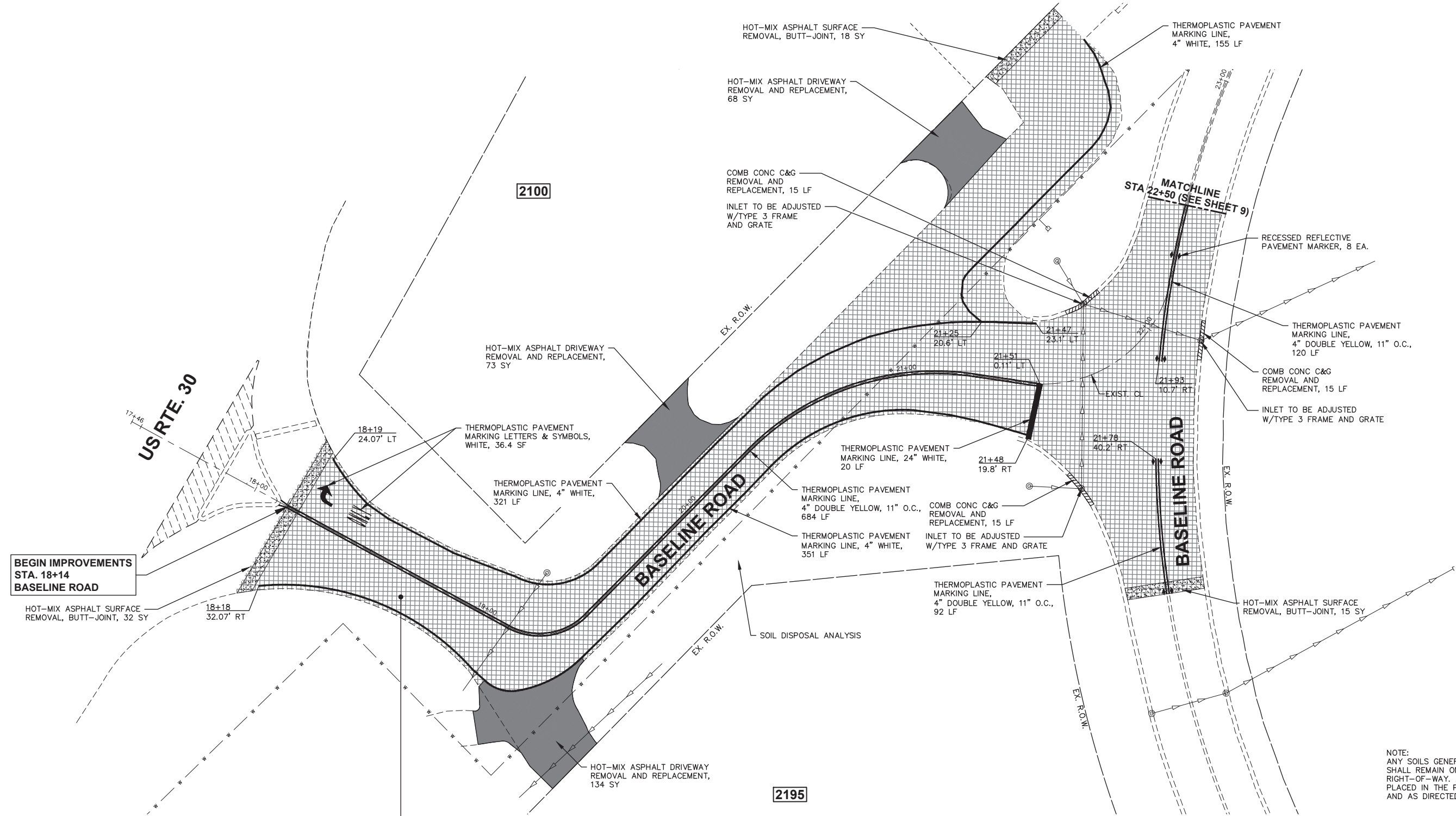
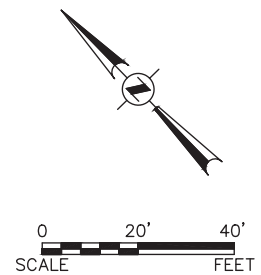
| TYPICAL SECTIONS | |
|------------------|---------------------|
| SCALE: N.T.S. | SHEET 2 OF 2 SHEETS |
| STA. | TO STA. |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------------|--------------|-----------|
| I679 | 23-00062-00-R5 | KANE/KENDALL | 22 | 7 |
| CONTRACT NO. 6IK39 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE: H:\SDSKPROJ\MO_MONTGOMERY\2023\M02324\DWG_FINAL_ENG\M02324-COVER

Plotted: February 12, 2024 @ 11:51 AM By: Alice Maupin - Model Name: 08 Baseline Road 22.34

FILE NAME = H:\SDSKPROJ\MONTGOMERY\2023\M02324\DWG_FINAL_ENG\M02324-PLAN



**BEGIN IMPROVEMENTS
STA. 18+14
BASELINE ROAD**

- HOT-MIX ASPHALT SURFACE REMOVAL, 3" DEPTH, 2,550 SY
- HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5", 220 TONS
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5", 220 TONS

NOTE:
ANY SOILS GENERATED FROM CURB REPAIRS SHALL REMAIN ON SITE IN THE RIGHT-OF-WAY. ANY SUCH SOIL SHALL BE PLACED IN THE PARKWAY NEAR STA. 20+25 AND AS DIRECTED BY THE ENGINEER.

LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (2"-3")
- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
- COMB CONC C&G REMOVAL AND REPLACEMENT
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- DRIVEWAY PAVEMENT REMOVAL

Engineering Enterprises, Inc.
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52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eelweb.com

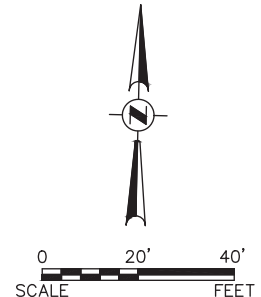
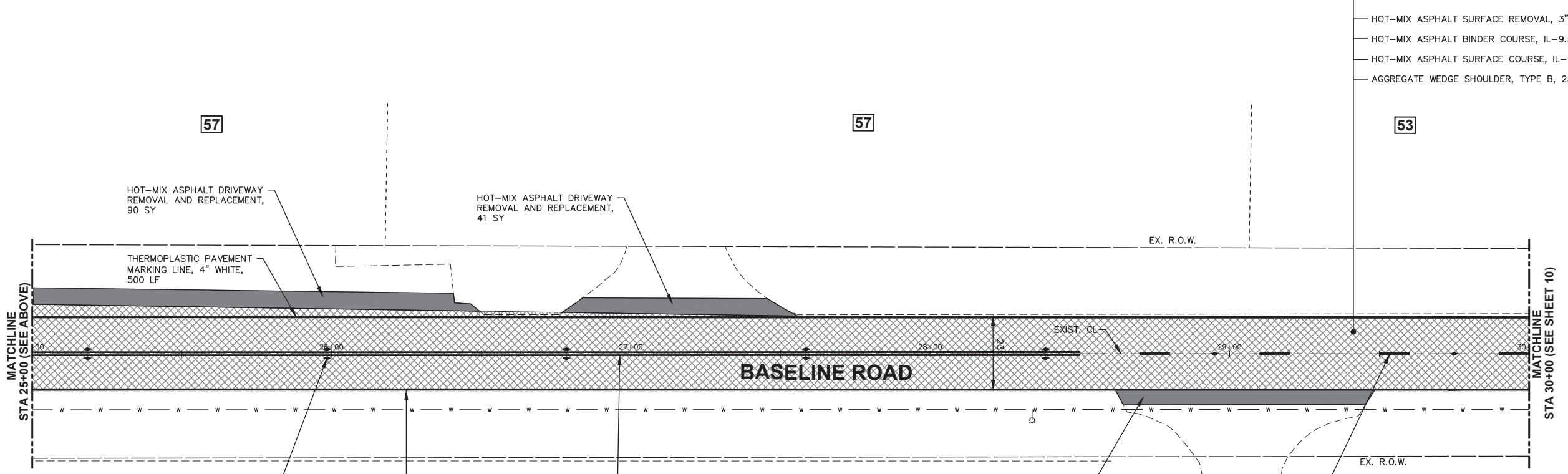
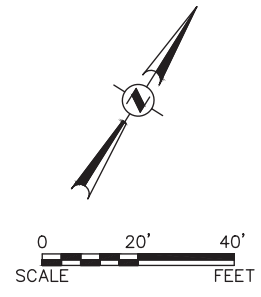
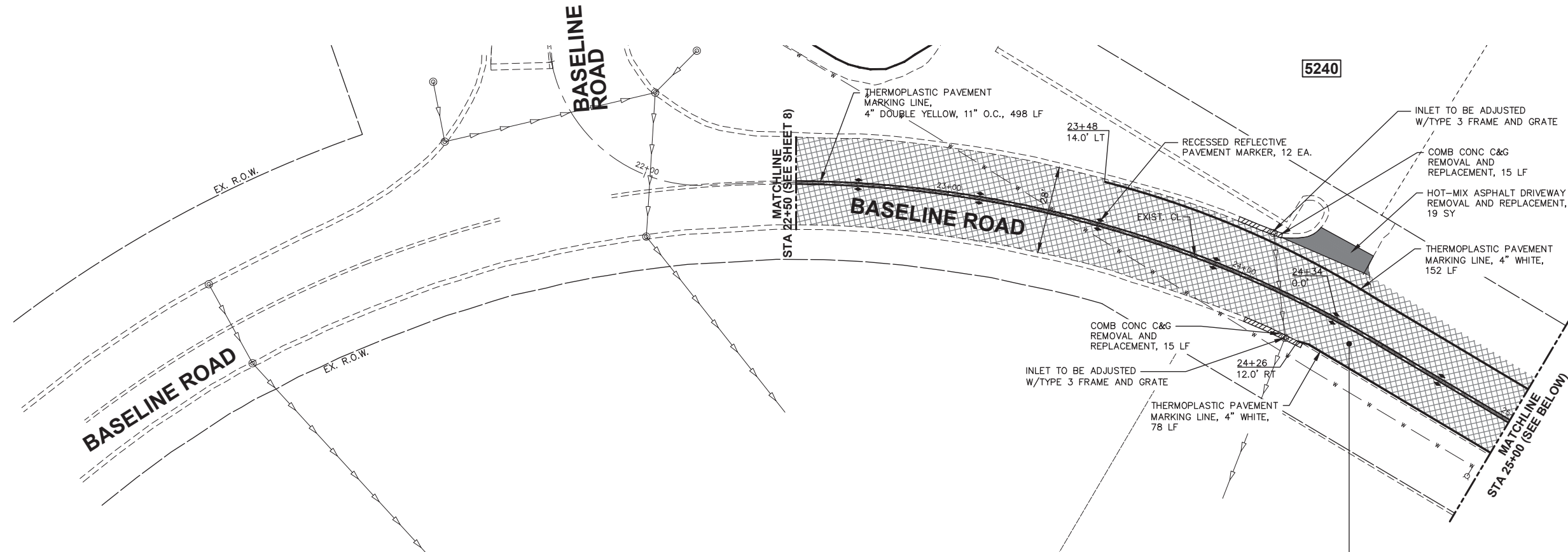
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|--|------------|-----------|
| USER NAME = Alice Maupin | DESIGNED - | REVISED - |
| PLOT SCALE = | DRAWN - | REVISED - |
| PLOT DATE = February 12, 2024 @ 11:51 AM | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|-------------------------|---------|-------------|--------------------------|
| RESURFACING PLAN | | | |
| SCALE: 1"=20' | SHEET 1 | OF 6 SHEETS | STA. 18+14 TO STA. 22+50 |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------------|---------------------------|-----------|
| 1679 | 23-00062-00-RS | KANE/KENDALL | 22 | 8 |
| CONTRACT NO. 6IK39 | | | ILLINOIS FED. AID PROJECT | |

FILE NAME = H:\SDSKPROJ\MG_MONTGOMERY\2023\M02324\DWG_FINAL_ENG\M02324-PLAN
 Plotted: February 12, 2024 @ 11:51 AM By: Alice Maupin - Model Name: 09 Baseline Road 22-34



- HOT-MIX ASPHALT SURFACE REMOVAL, 3" DEPTH, 2,220 SY
- HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5", 190 TONS
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5", 190 TONS
- AGGREGATE WEDGE SHOULDER, TYPE B, 25 TONS

LEGEND

| | |
|--|---|
| | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (2"-3") |
| | HOT-MIX ASPHALT SURFACE REMOVAL, 3" |
| | HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT |
| | COMB CONC C&G REMOVAL AND REPLACEMENT |
| | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT |
| | DRIVEWAY PAVEMENT REMOVAL |

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 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eelweb.com

| | | |
|--|------------|-----------|
| USER NAME = Alice Maupin | DESIGNED - | REVISED - |
| PLOT SCALE = | DRAWN - | REVISED - |
| PLOT DATE = February 12, 2024 @ 11:51 AM | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

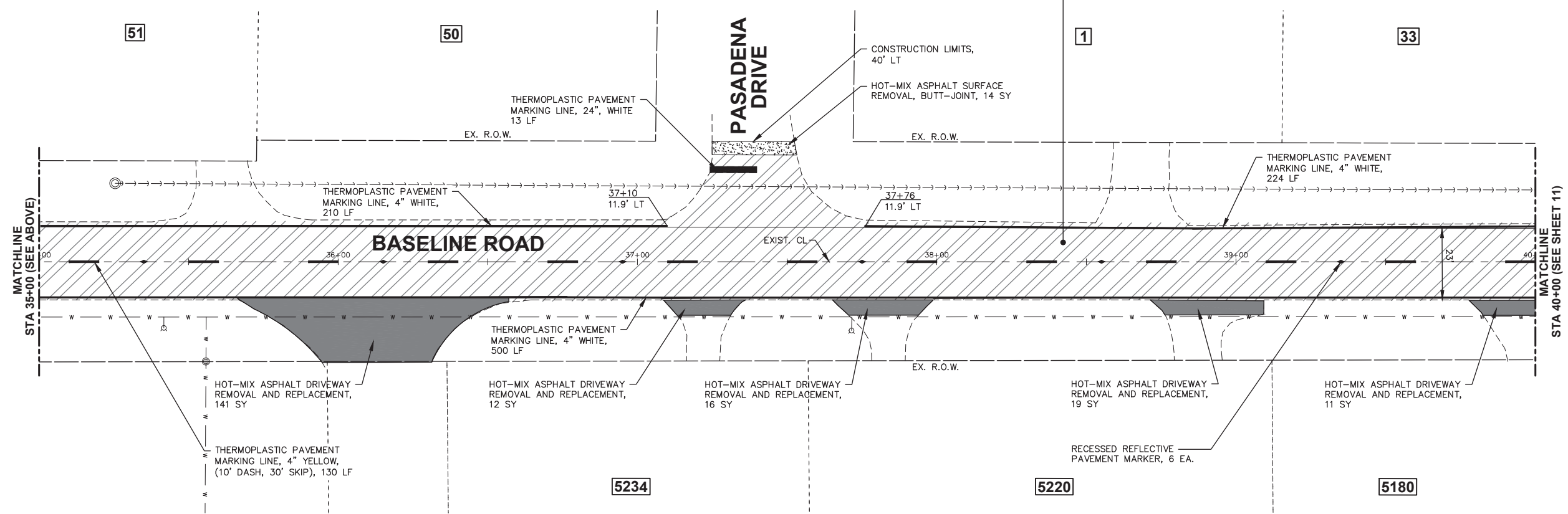
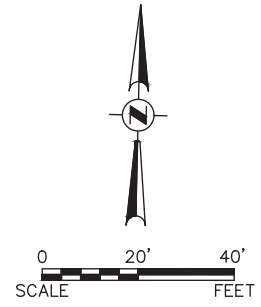
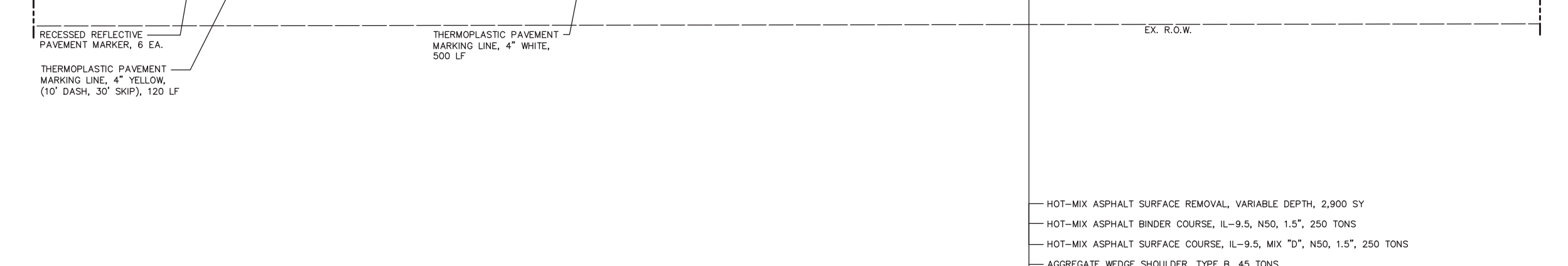
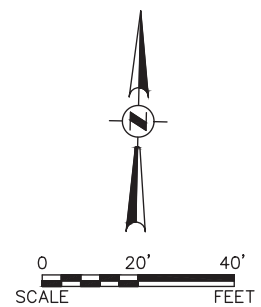
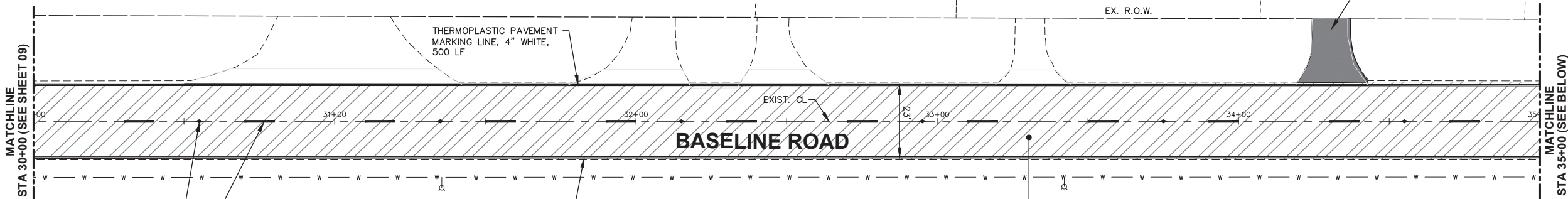
RESURFACING PLAN

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 22+50 TO STA. 30+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------------|---------------------------|-----------|
| 1679 | 23-00062-00-RS | KANE/KENDALL | 22 | 9 |
| CONTRACT NO. 6IK39 | | | ILLINOIS FED. AID PROJECT | |

Plotted: February 12, 2024 @ 11:51 AM By: Alice Maupin - Model Name: 10 Baseline Road 223.34

FILE NAME = H:\SDSKPROJ\MONTGOMERY\2023\M02324\DWG_FINAL_ENG\M02324-PLAN



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (2'-3")
- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
- COMB CONC C&G REMOVAL AND REPLACEMENT
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- DRIVEWAY PAVEMENT REMOVAL

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CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

| | | |
|--|------------|-----------|
| USER NAME = Alice Maupin | DESIGNED - | REVISED - |
| PLOT SCALE = | DRAWN - | REVISED - |
| PLOT DATE = February 12, 2024 @ 11:51 AM | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

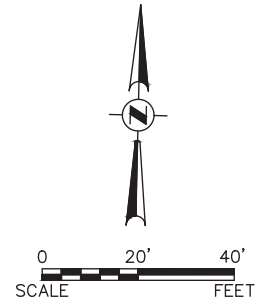
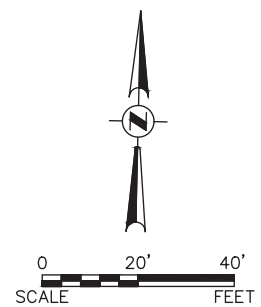
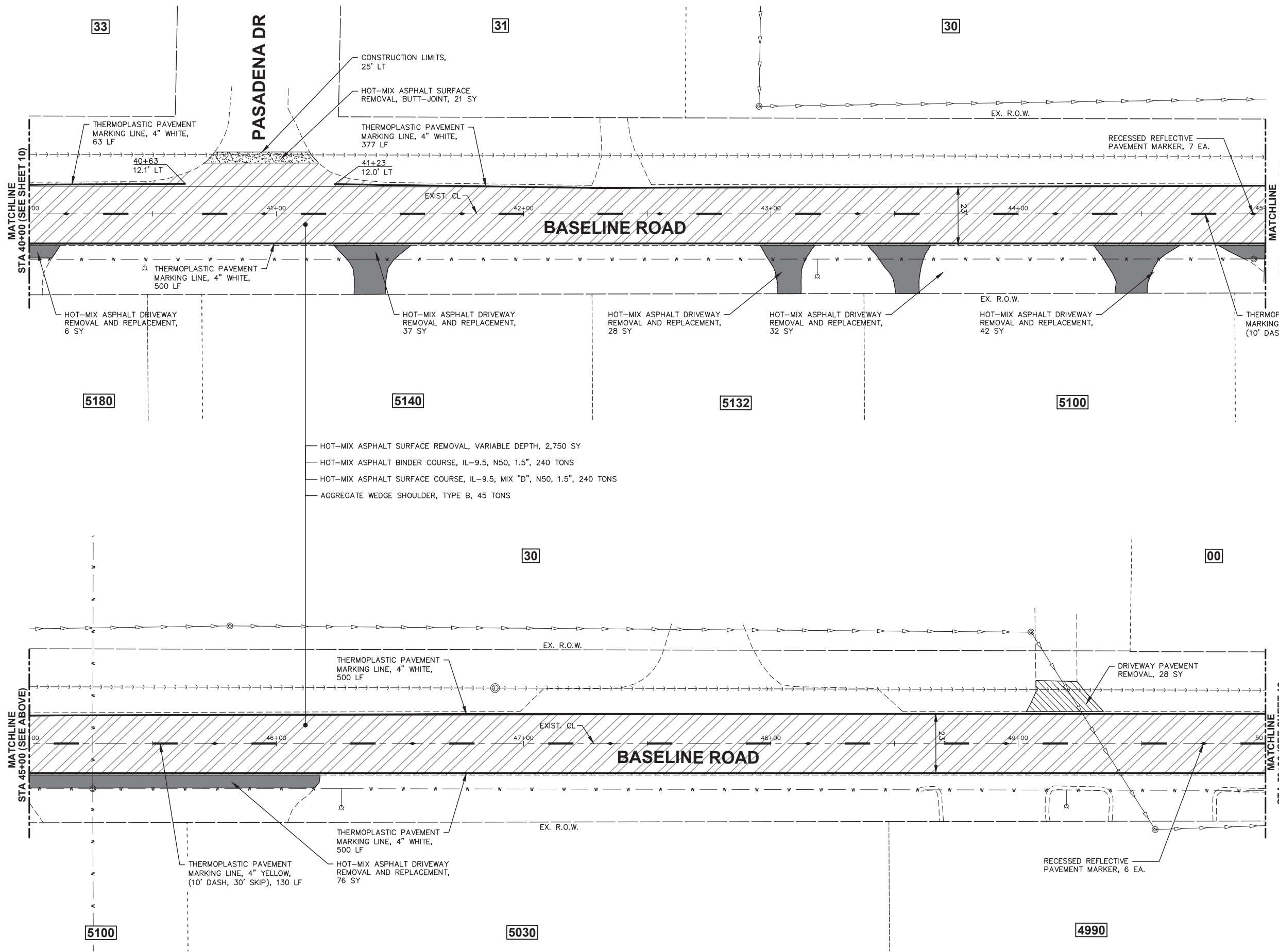
RESURFACING PLAN

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 30+00 TO STA. 40+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------------|---------------------------|-----------|
| 1679 | 23-00062-00-RS | KANE/KENDALL | 22 | 10 |
| CONTRACT NO. 6IK39 | | | ILLINOIS FED. AID PROJECT | |

Plotted: February 12, 2024 @ 11:51 AM By: Alice Maupin - Model Name: 11_Baseline Road 22x34

FILE NAME = H:\SDSKPROJ\M0_MONTGOMERY\2023\M02324\DWG_FINAL_ENG\M02324-PLAN



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (2'-3')
- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
- COMB CONC C&G REMOVAL AND REPLACEMENT
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- DRIVEWAY PAVEMENT REMOVAL

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52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eelweb.com

| | | |
|--|------------|-----------|
| USER NAME = Alice Maupin | DESIGNED - | REVISED - |
| PLOT SCALE = | DRAWN - | REVISED - |
| PLOT DATE = February 12, 2024 @ 11:51 AM | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

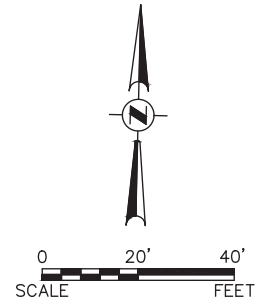
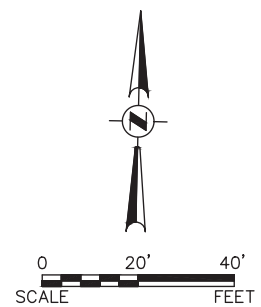
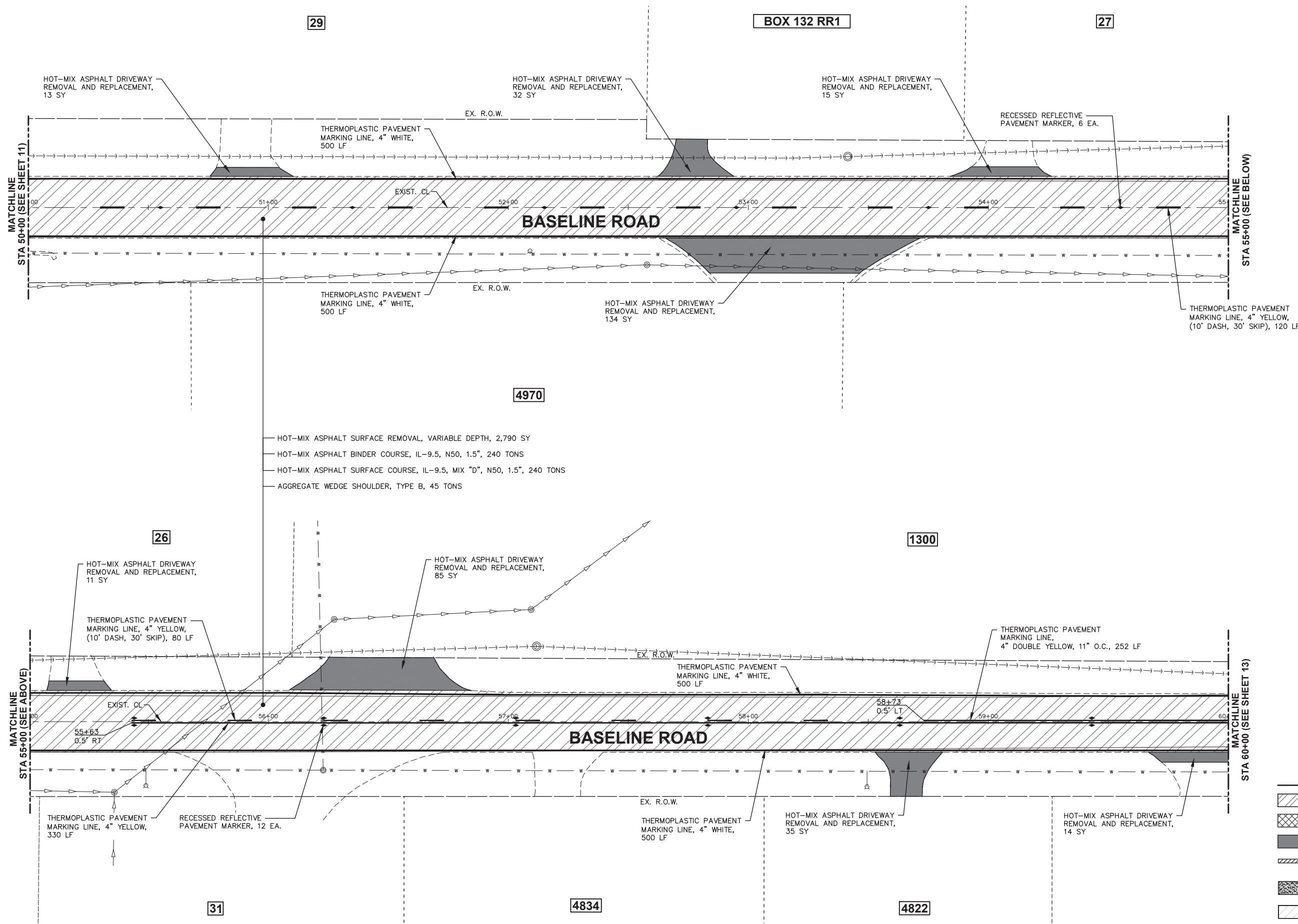
RESURFACING PLAN

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 40+00 TO STA. 50+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------------|---------------------------|-----------|
| 1679 | 23-00062-00-RS | KANE/KENDALL | 22 | 11 |
| CONTRACT NO. 6IK39 | | | ILLINOIS FED. AID PROJECT | |

Plotted: February 12, 2024 @ 11:51 AM By: Alice Maupin - Model Name: 12_Baseline Road 22-34

FILE NAME = H:\SDSKPROJ\M0_MONTGOMERY\2023\M02324\DWG_FINAL_ENG\M02324-PLAN



LEGEND

| | |
|--|---|
| | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (2"-3") |
| | HOT-MIX ASPHALT SURFACE REMOVAL, 3" |
| | HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT |
| | COMB CONC C&G REMOVAL AND REPLACEMENT |
| | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT |
| | DRIVEWAY PAVEMENT REMOVAL |

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| | | |
|--|------------|-----------|
| USER NAME = Alice Maupin | DESIGNED - | REVISED - |
| PLOT SCALE = | DRAWN - | REVISED - |
| PLOT DATE = February 12, 2024 @ 11:51 AM | CHECKED - | REVISED - |
| | DATE - | REVISED - |

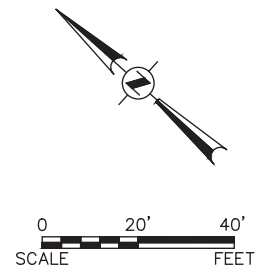
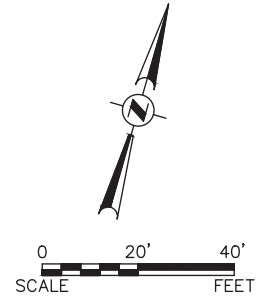
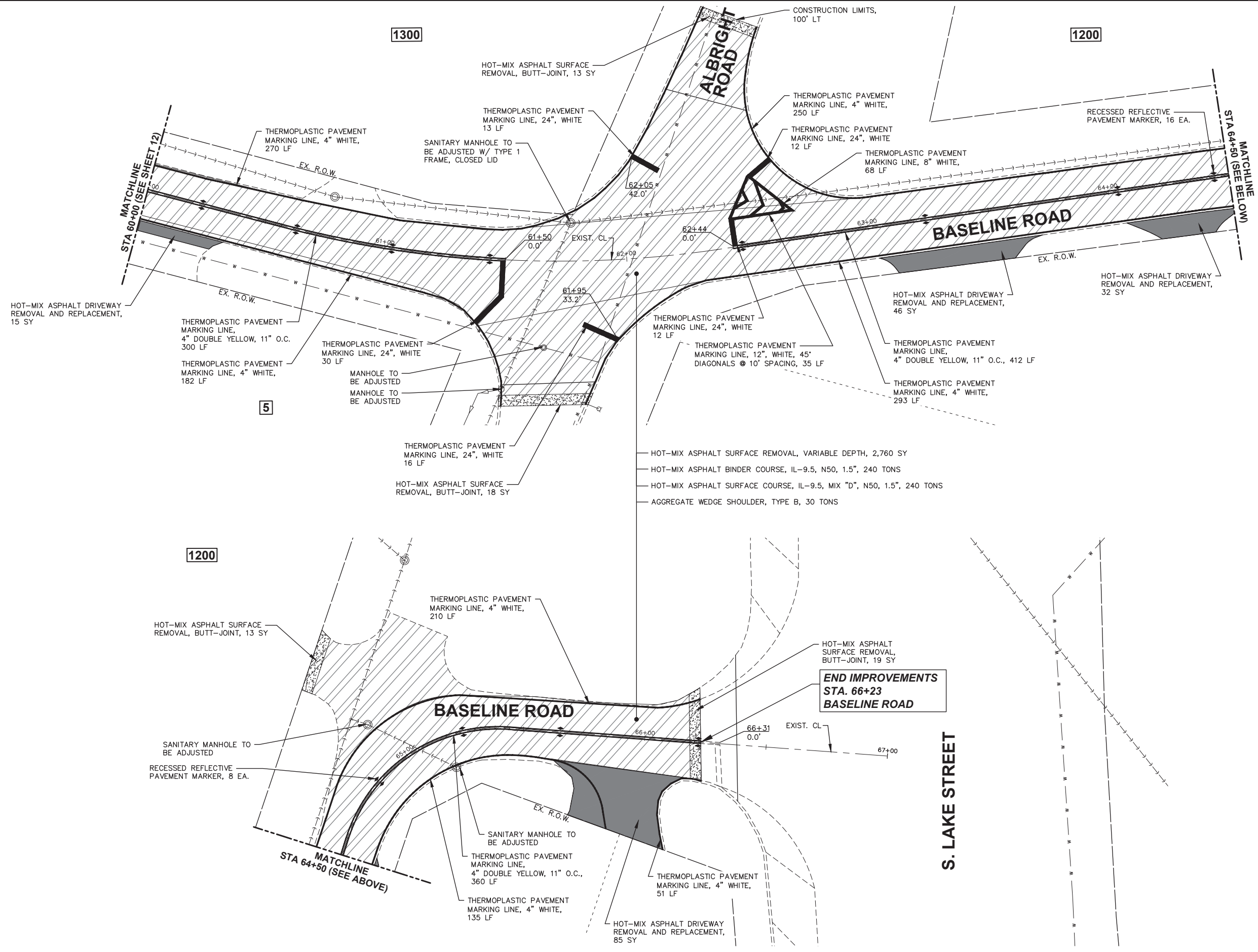
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 50+00 TO STA. 60+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------------|--------------|-----------|
| 1679 | 23-00062-00-RS | KANE/KENDALL | 22 | 12 |
| CONTRACT NO. 6IK39 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = H:\SDSKPROJ\M02324\MONTGOMERY\2023\M02324\DWG_FINAL_ENG\M02324-PLAN
 Plotted: February 12, 2024 @ 11:51 AM By: Alice Maupin - Model Name: 13 Baseline Road 22.34



LEGEND

| | |
|--|---|
| | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (2"-3") |
| | HOT-MIX ASPHALT SURFACE REMOVAL, 3" |
| | HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT |
| | COMB CONC C&G REMOVAL AND REPLACEMENT |
| | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT |
| | DRIVEWAY PAVEMENT REMOVAL |

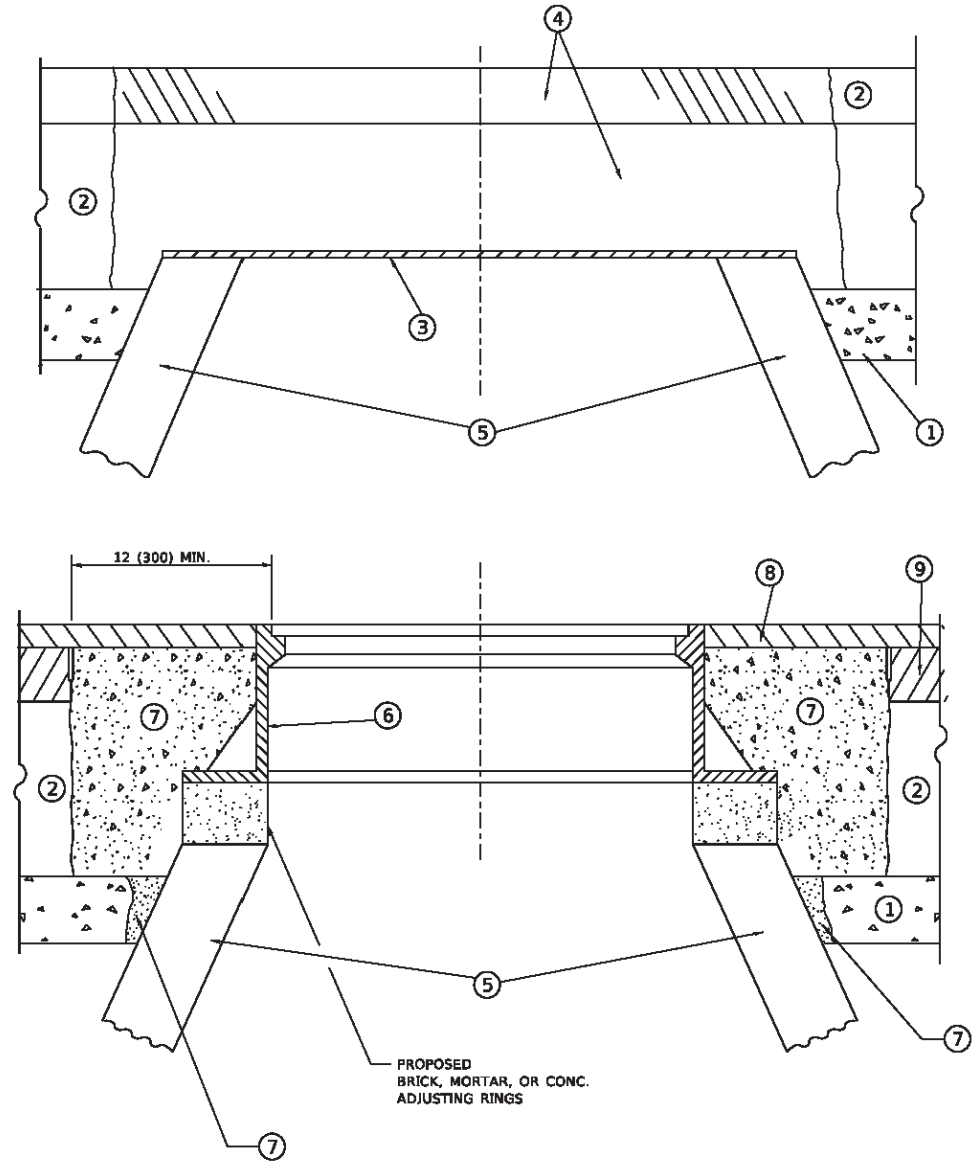
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 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeiweb.com

| | | |
|--|------------|-----------|
| USER NAME = Alice Maupin | DESIGNED - | REVISED - |
| PLOT SCALE = | DRAWN - | REVISED - |
| PLOT DATE = February 12, 2024 @ 11:51 AM | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN
 SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 60+00 TO STA. 66+23

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------------|--------------|-----------|
| 1679 | 23-00062-00-RS | KANE/KENDALL | 22 | 13 |
| CONTRACT NO. 6IK39 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

- STAGE 1 (BEFORE PAVEMENT MILLING)**
- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
 - B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
 - C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
 - D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).
- STAGE 2 (AFTER PAVEMENT MILLING)**
- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- *UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-2* CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: D:\p\c\...
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 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
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| | | |
|-------------------------------|--------------------|-----------------------------|
| USER NAME = Lawrence.DeManche | DESIGNED - R. SHAH | REVISED - R. BORO 03-09-11 |
| | DRAWN - | REVISED - R. BORO 12-06-11 |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - K. SMITH 11-18-22 |
| PLOT DATE = 9/15/2023 | DATE - 10-25-94 | REVISED - K. SMITH 09-15-23 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | |
|--|---------------------|
| DETAILS FOR | |
| FRAMES AND LIDS ADJUSTMENT WITH MILLING | |
| SCALE: NONE | SHEET 1 OF 1 SHEETS |
| STA. _____ | TO STA. _____ |

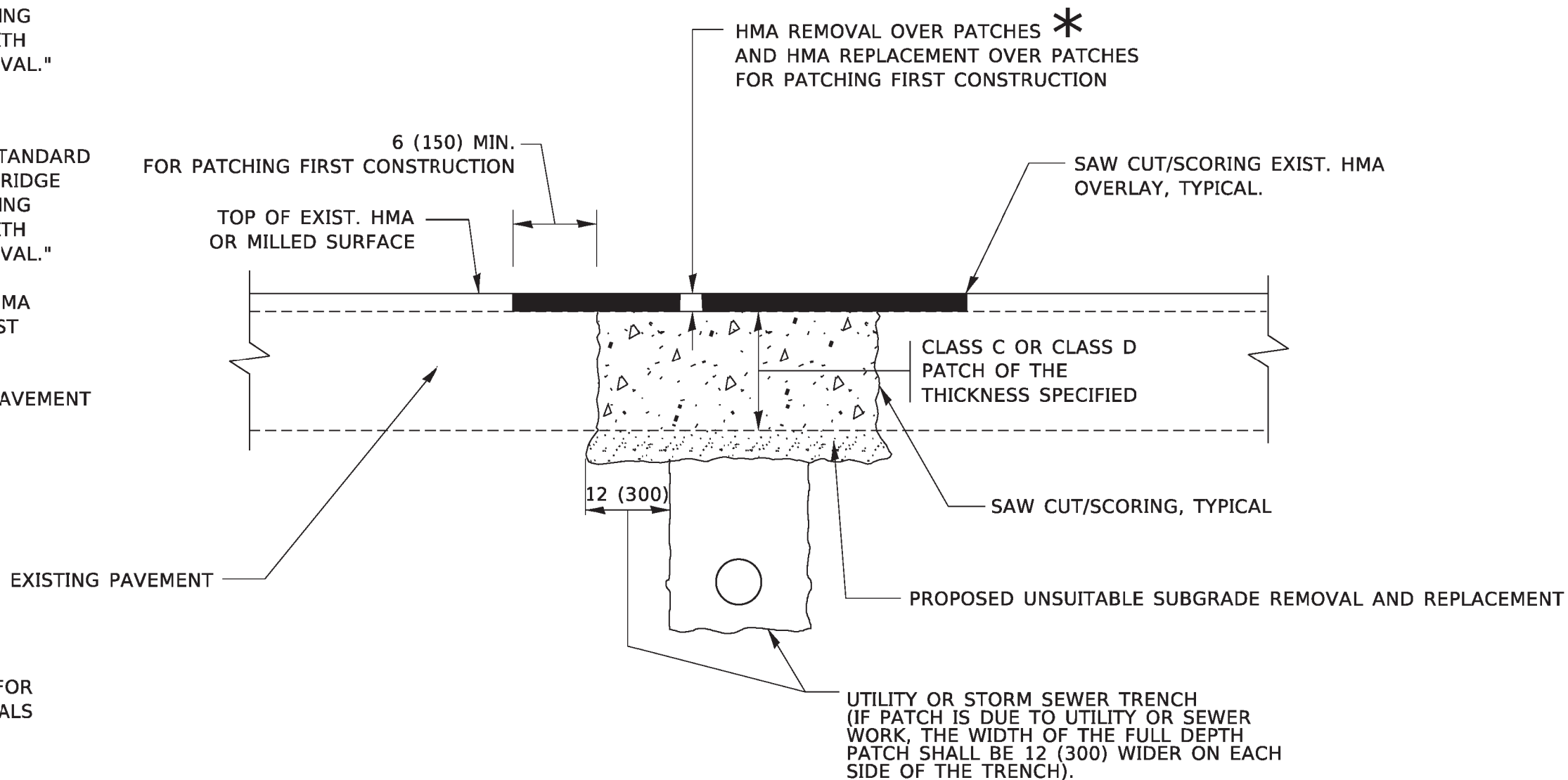
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|---------------------------|------------------------|---------------------|--------------------|--------------|
| F.A. RTE. 1679 | SECTION 23-00062-00-RS | COUNTY KANE/KENDALL | TOTAL SHEETS 22 | SHEET NO. 14 |
| BD600-03 (BD-08) | | | CONTRACT NO. 6IK39 | |
| ILLINOIS FED. AID PROJECT | | | | |

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

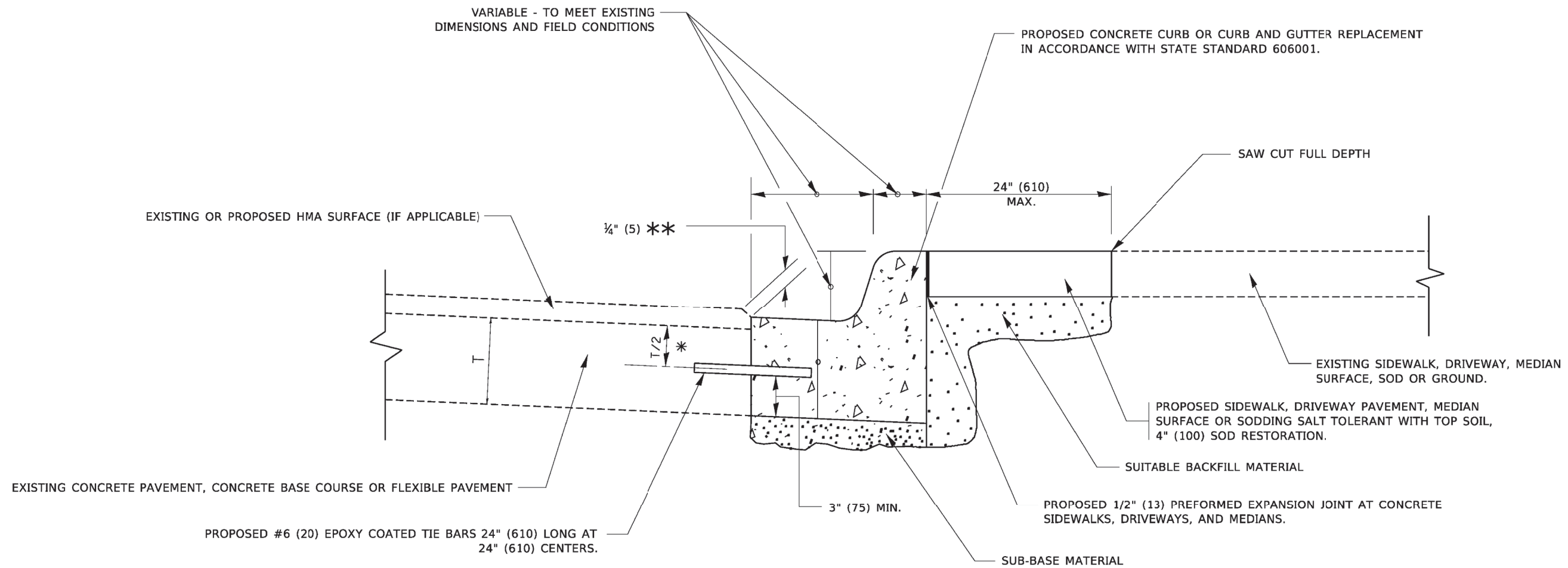
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

MODEL: D:\e:\i\11\1156-cw_bentley.com\p\1156\11\1156-01\1156-01.dwg; PROJECT: 1156-01\1156-01.dwg; USER: R. SHAW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|----------|----------|---|----------|---|-------|---|---|---|---------|---|---|---|------|---|----------|---|---------|---------|----------|---|---------|---------|----------|---|---------|--------|----------|---|---------|----------|----------|---|--|-------------------|---------------------------|------------------------|--------------------|-----------------|
| Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eetweb.com | USER NAME = Lawrence.DeManche DESIGNED - R. SHAH DRAWN - PLOT SCALE = 100.0000' / in. PLOT DATE = 11/18/2022 | REVISIONS: <table border="1"> <tr><td>1</td><td>DESIGNED</td><td>R. SHAH</td><td>01-01-07</td></tr> <tr><td>2</td><td>DRAWN</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>CHECKED</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>DATE</td><td>-</td><td>10-25-94</td></tr> <tr><td>5</td><td>REVISED</td><td>R. BORO</td><td>01-01-07</td></tr> <tr><td>6</td><td>REVISED</td><td>R. BORO</td><td>09-04-07</td></tr> <tr><td>7</td><td>REVISED</td><td>K. ENG</td><td>10-27-08</td></tr> <tr><td>8</td><td>REVISED</td><td>K. SMITH</td><td>11-18-22</td></tr> </table> | 1 | DESIGNED | R. SHAH | 01-01-07 | 2 | DRAWN | - | - | 3 | CHECKED | - | - | 4 | DATE | - | 10-25-94 | 5 | REVISED | R. BORO | 01-01-07 | 6 | REVISED | R. BORO | 09-04-07 | 7 | REVISED | K. ENG | 10-27-08 | 8 | REVISED | K. SMITH | 11-18-22 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT | F.A. RTE. 1679 | SECTION 23-00062-00-RS | COUNTY KANE/KENDALL | TOTAL SHEETS 22 | SHEET NO. 15 |
| | 1 | DESIGNED | R. SHAH | 01-01-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | DRAWN | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | CHECKED | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | DATE | - | 10-25-94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | REVISED | R. BORO | 01-01-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | REVISED | R. BORO | 09-04-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | REVISED | K. ENG | 10-27-08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | REVISED | K. SMITH | 11-18-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. | | | | | BD400-04 (BD-22) CONTRACT NO. 6IK39 ILLINOIS FED. AID PROJECT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



- * 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.

MODEL: Default
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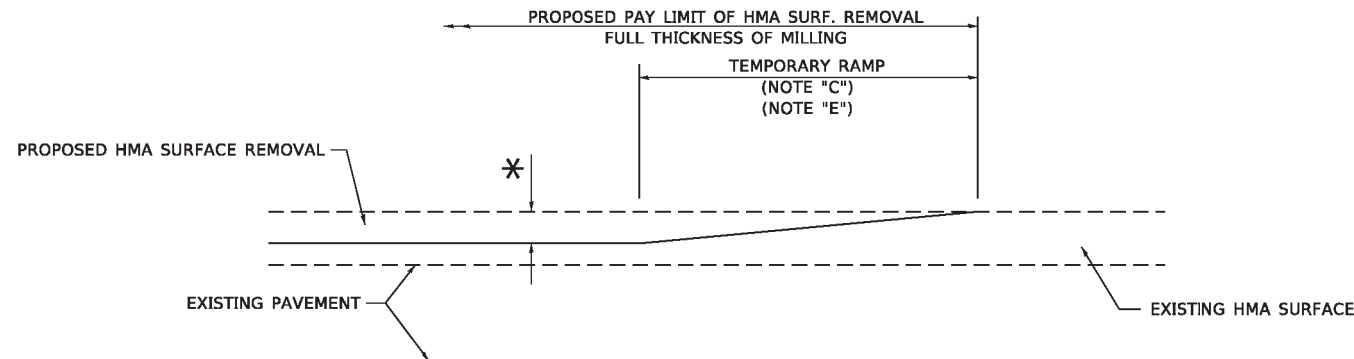
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CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

| | | |
|-----------------------------|----------------------|-----------------------------|
| USER NAME = footemj | DESIGNED - A. HOUSEH | REVISED - A. ABBAS 03-21-97 |
| | DRAWN - | REVISED - M. GOMEZ 01-22-01 |
| PLOT SCALE = 50.0000' / in. | CHECKED - | REVISED - R. BORO 12-15-09 |
| PLOT DATE = 7/11/2019 | DATE - 03-11-94 | REVISED - K. SMITH 07-11-19 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

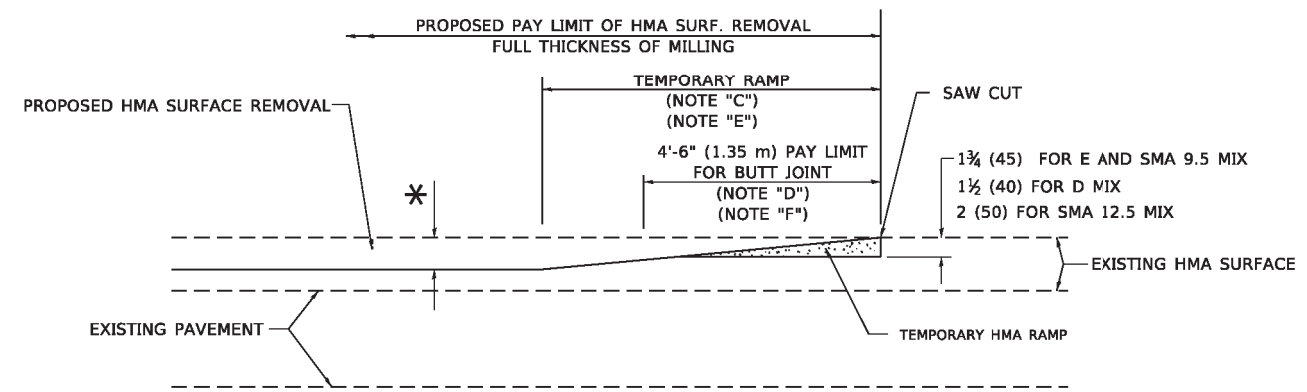
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| CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT | | | |
| SCALE: NONE | SHEET 1 | OF 1 | SHEETS |
| | STA. | TO STA. | |

| | | | | |
|---------------------------|---------------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1679 | 23-0062-00-RS | KANE/KENDALL | 22 | 16 |
| BD600-06 (BD-24) | | CONTRACT NO. 6IK39 | | |
| ILLINOIS FED. AID PROJECT | | | | |



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

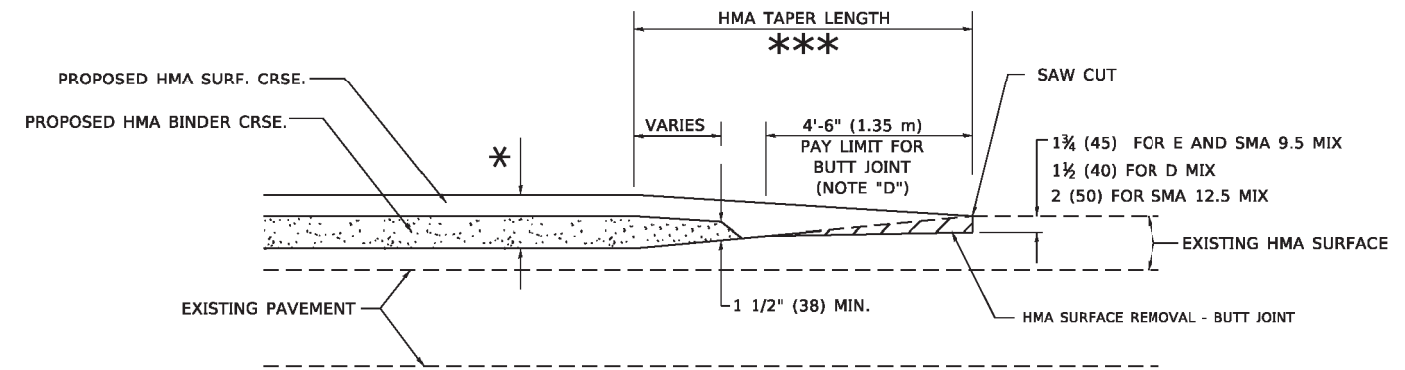
OPTION 1



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

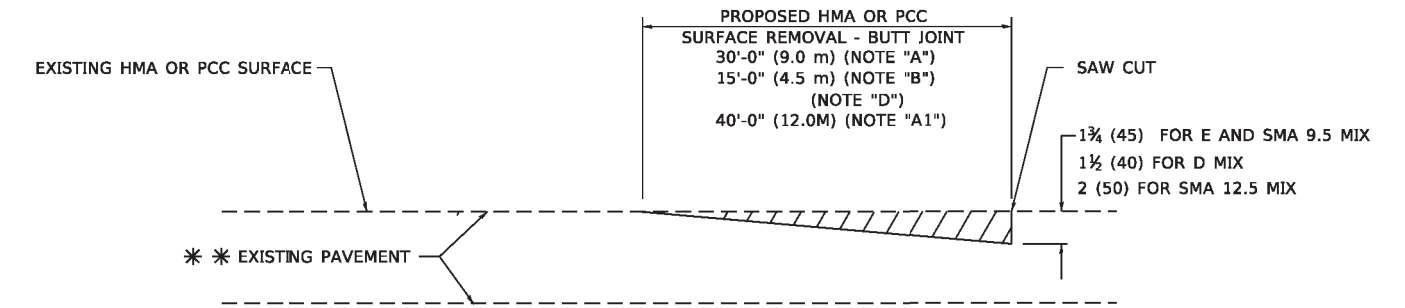
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TYPICAL TEMPORARY RAMP

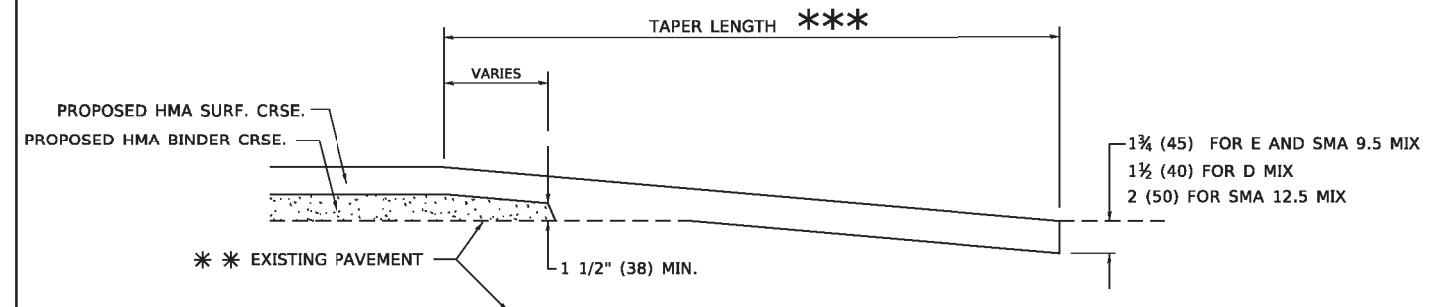


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

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

BASIS OF PAYMENT

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

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

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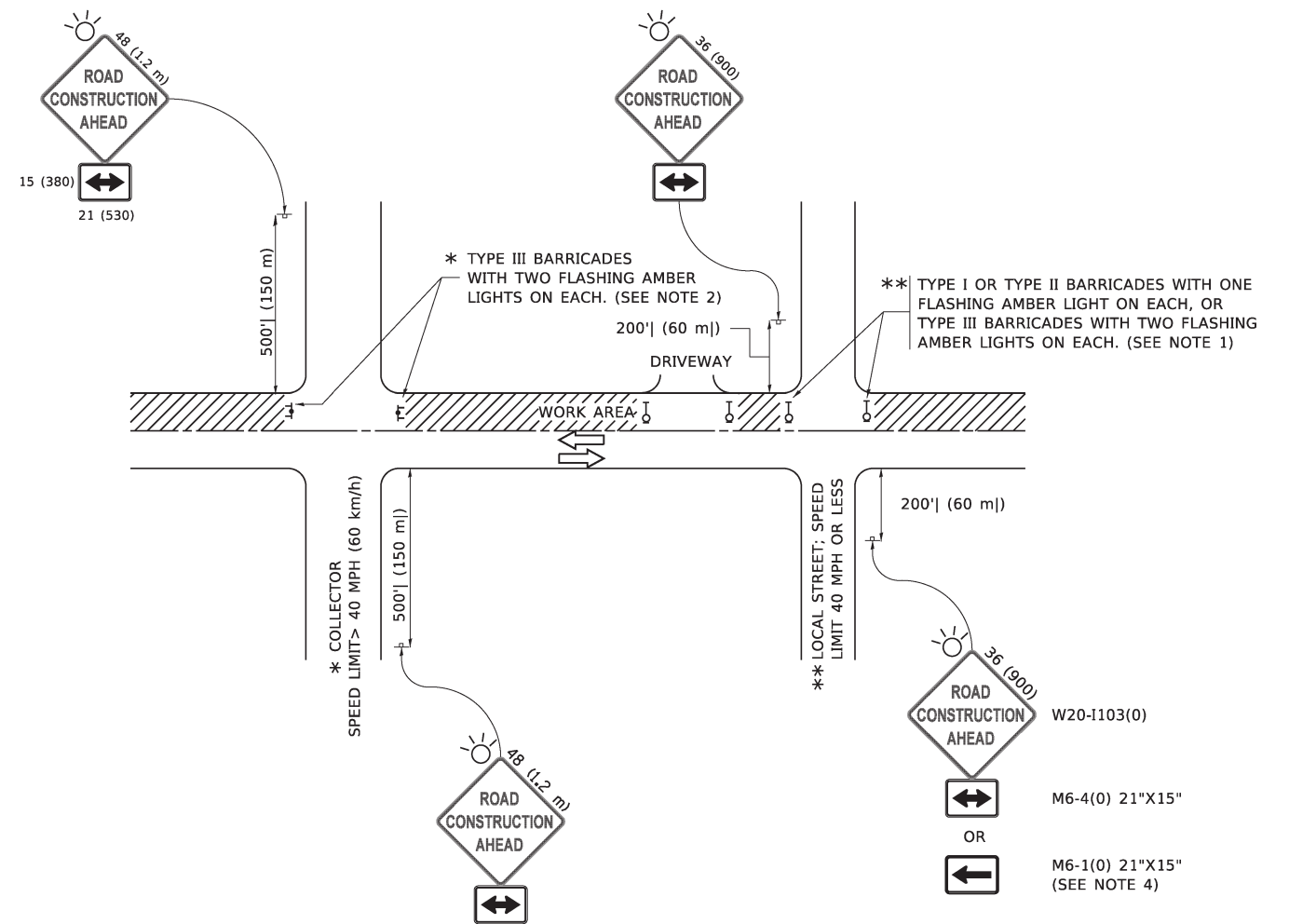
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52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | |
|---|----------------------------------|
| BUTT JOINT AND HMA TAPER DETAILS | |
| SCALE: NONE | SHEET 1 OF 1 SHEETS STA. TO STA. |

| | | | | |
|---------------------------|----------------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1679 | 23-00062-00-R5 | KANE/KENDALL | 22 | 17 |
| BD400-05 BD-32 | | CONTRACT NO. 6IK39 | | |
| ILLINOIS FED. AID PROJECT | | | | |



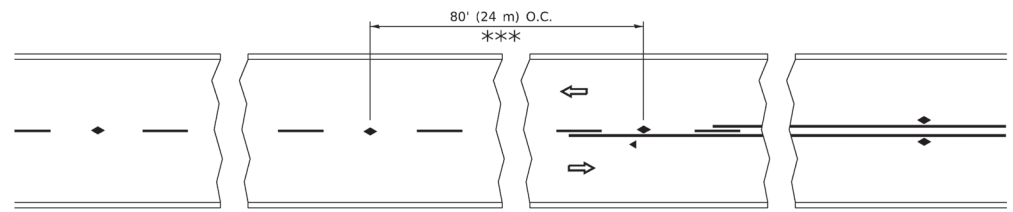
NOTES:

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.

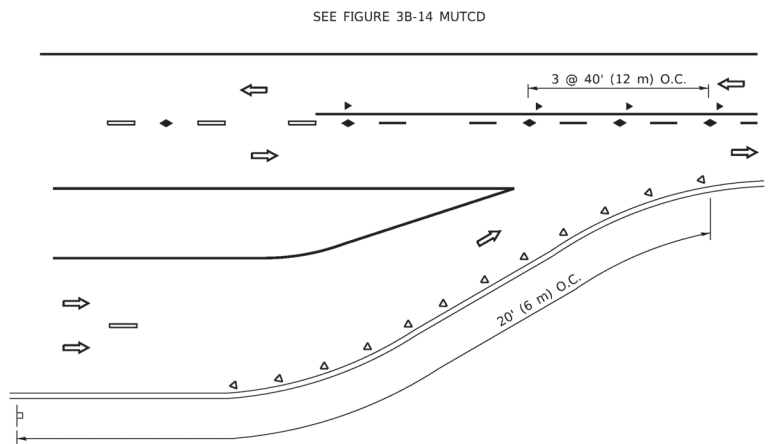
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| USER NAME = footemj | DESIGNED - L.H.A. | REVISED - A. HOUSEH 10-15-96 |
| PLOT SCALE = 50.0000' / in. | CHECKED - | REVISED - T. RAMMACHER 01-06-00 |
| PLOT DATE = 3/4/2019 | DATE - 06-89 | REVISED - A. SCHUETZE 07-01-13 |
| | | REVISED - A. SCHUETZE 09-15-16 |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------------|--------------------|-----------|
| 1679 | 23-00062-00-RS | KANE/KENDALL | 22 | 18 |
| TC-10 | | | CONTRACT NO. 6IK39 | |
| ILLINOIS FED. AID PROJECT | | | | |

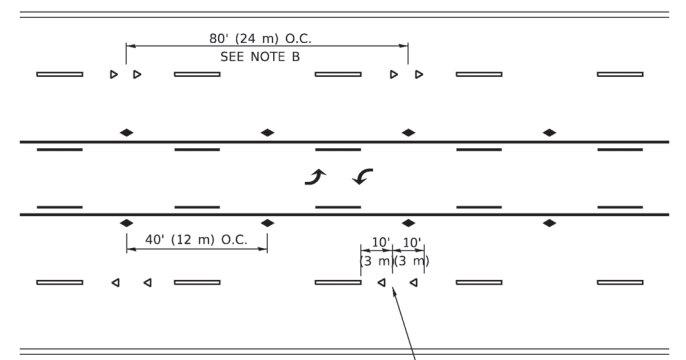


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

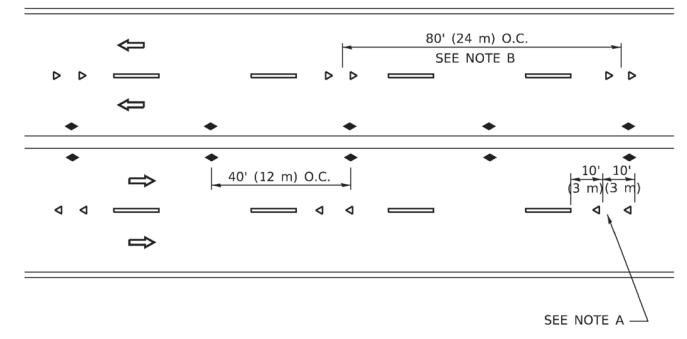
TWO-LANE/TWO-WAY



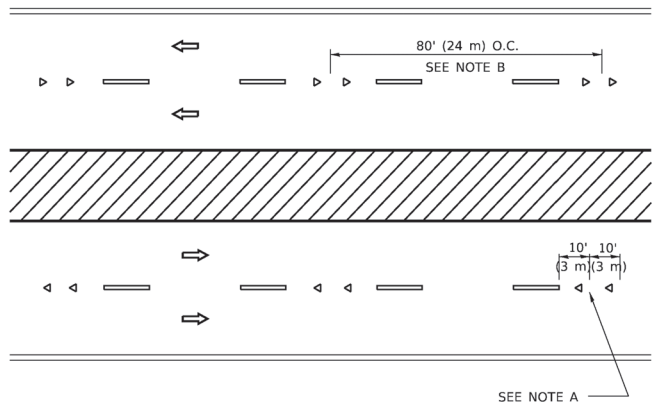
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

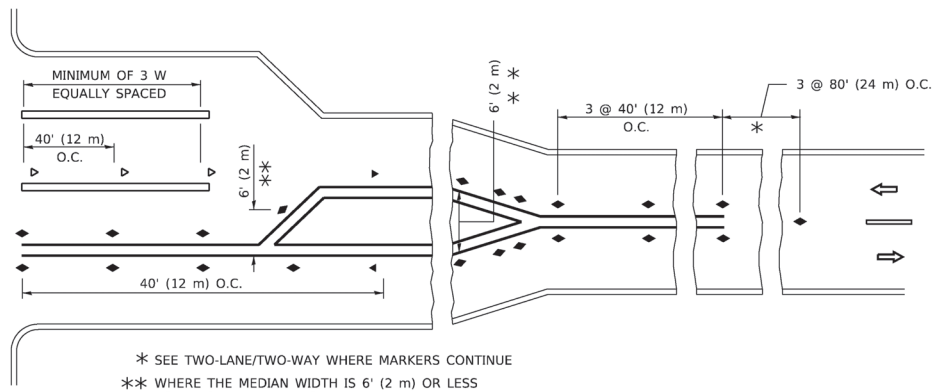
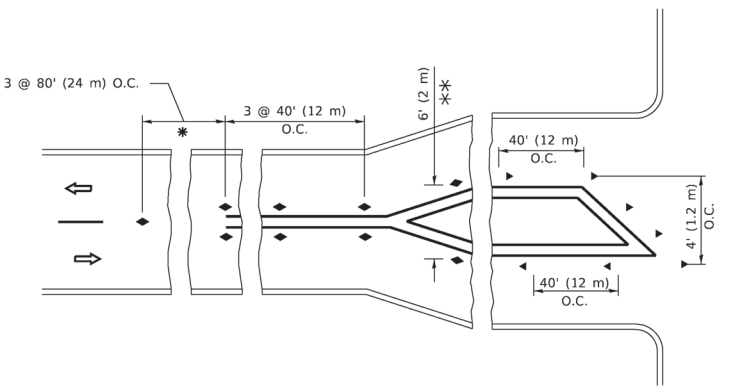
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

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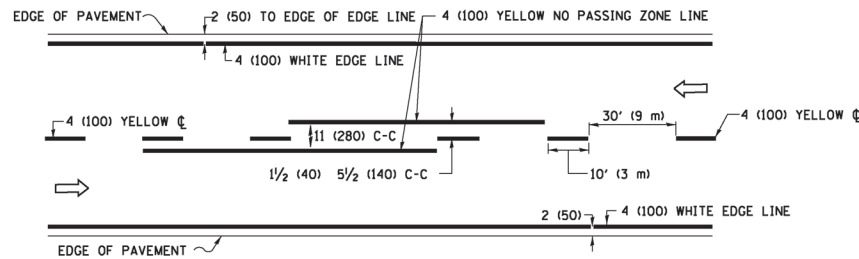
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| USER NAME = footemj | DESIGNED - | REVISED - T. RAMMACHER 03-12-99 |
| PLOT SCALE = 50.0000' / in. | DRAWN - | REVISED - T. RAMMACHER 01-06-00 |
| PLOT DATE = 3/4/2019 | CHECKED - | REVISED - C. JUCIUS 09-09-09 |
| | DATE - | REVISED - C. JUCIUS 07-01-13 |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

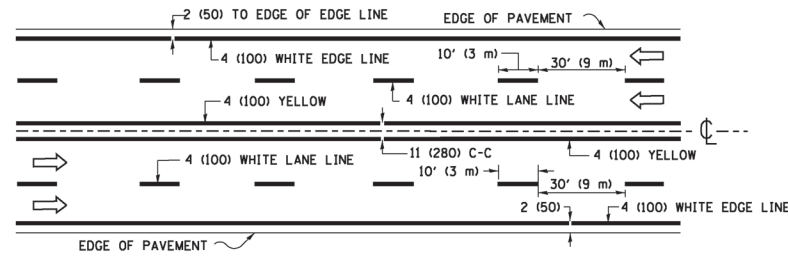
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

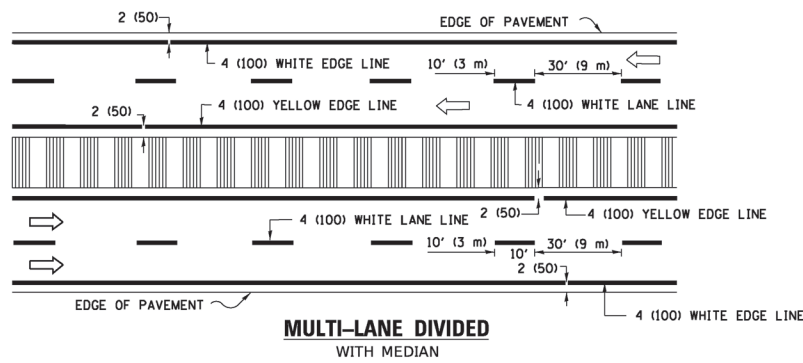
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| F.A. RTE. 1679 | SECTION 23-00062-00-RS | COUNTY KANE/KENDALL | TOTAL SHEETS 22 | SHEET NO. 19 |
| TC-11 | | CONTRACT NO. 6IK39 | | |
| ILLINOIS FED. AID PROJECT | | | | |



2-LANE ROADWAY

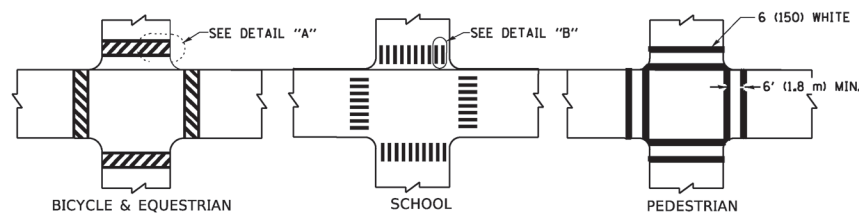


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

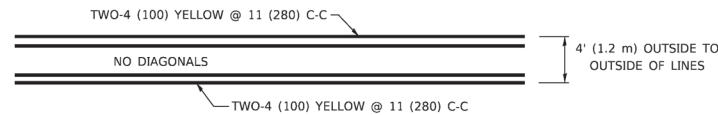


DETAIL "A"

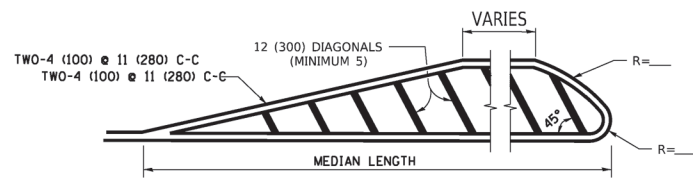
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

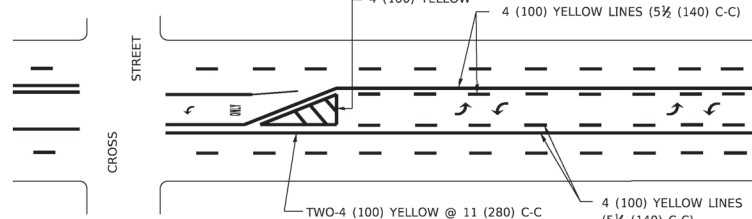


4' (1.2 m) WIDE MEDIANS ONLY

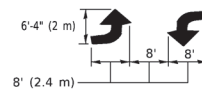


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

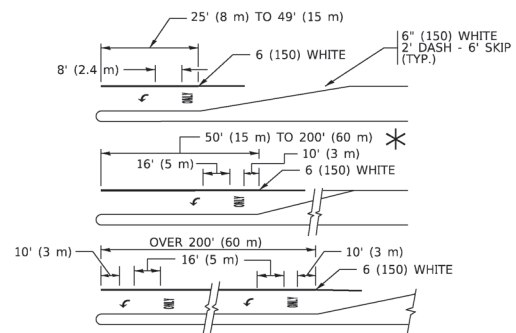


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

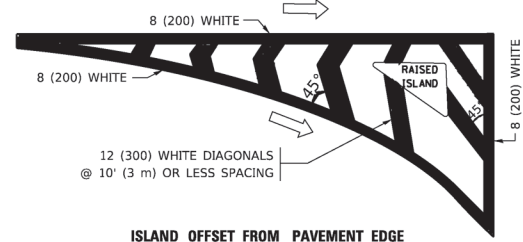


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

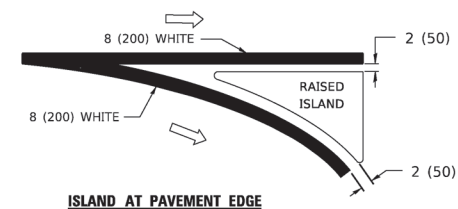
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

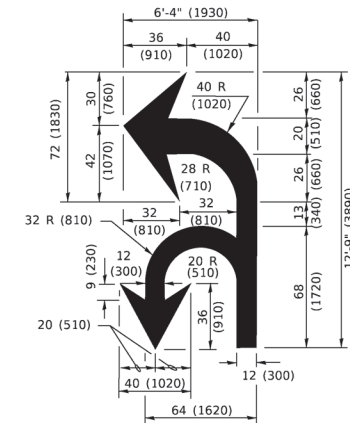


ISLAND OFFSET FROM PAVEMENT EDGE

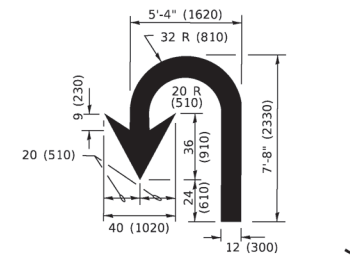


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

| D(FT) | SPEED LIMIT |
|-------|-------------|
| 345 | 30 |
| 425 | 35 |
| 500 | 40 |
| 580 | 45 |
| 665 | 50 |
| 750 | 55 |

| TYPE OF MARKING | WIDTH OF LINE | PATTERN | COLOR | SPACING / REMARKS |
|---|--|------------------------------|---|--|
| CENTERLINE ON 2 LANE PAVEMENT | 4 (100) | SKIP-DASH | YELLOW | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT | 2 @ 4 (100) | SOLID | YELLOW | 11 (280) C-C |
| NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS | 4 (100) 2 @ 4 (100) | SOLID SOLID | YELLOW YELLOW | 5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN |
| LANE LINES | 4 (100) 5 (125) ON FREEWAYS | SKIP-DASH SKIP-DASH | WHITE WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS) | SAME AS LINE BEING EXTENDED | SKIP-DASH | SAME AS LINE BEING EXTENDED | 2' (600) LINE WITH 6' (1.8 m) SPACE |
| EDGE LINES | 4 (100) | SOLID | YELLOW-LEFT WHITE-RIGHT | OUTLINE MEDIANS IN YELLOW |
| TURN LANE MARKINGS | 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m)) | SOLID | WHITE | SEE TYPICAL TURN LANE MARKING DETAIL |
| TWO WAY LEFT TURN MARKING | 2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW | SKIP-DASH AND SOLID IN PAIRS | YELLOW WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL |
| CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90° | SOLID SOLID SOLID | WHITE WHITE WHITE | NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS. |
| STOP LINES | 24 (600) | SOLID | WHITE | PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE |
| PAINTED MEDIANS | 2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS | SOLID | YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. |
| GORE MARKING AND CHANNELIZING LINES | 8 (200) WITH 12 (300) DIAGONALS @ 45° | SOLID | WHITE | DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h)) |
| RAILROAD CROSSING | 24 (600) TRANSVERSE LINES: "R" 15' 6" (1.8 m) LETTERS; 16 (400) LINE FOR "X" | SOLID | WHITE | SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²) |
| SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8') | 12 (300) @ 45° | SOLID | WHITE - RIGHT YELLOW - LEFT | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h)) |
| U TURN ARROW | SEE DETAIL | SOLID | WHITE | 16.3 SF |
| 2 ARROW COMBINATION LEFT AND U TURN | SEE DETAIL | SOLID | WHITE | 30.4 SF |

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

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

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Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

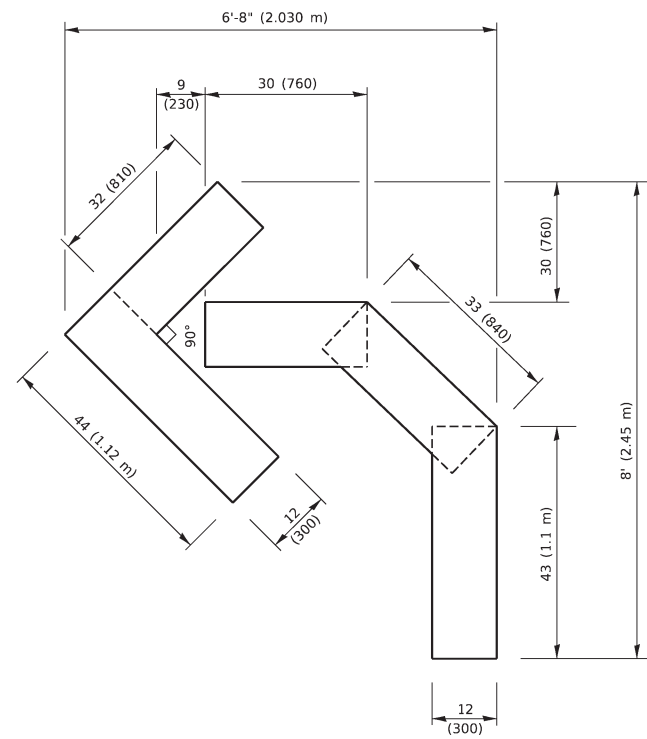
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| USER NAME = footemj | DESIGNED - EVERS | REVISED - C. JUCIUS 09-09-09 |
| PLOT SCALE = 50.0000' / in. | CHECKED - | REVISED - C. JUCIUS 07-01-13 |
| PLOT DATE = 3/4/2019 | DATE - 03-19-90 | REVISED - C. JUCIUS 12-21-15 |
| | | REVISED - C. JUCIUS 04-12-16 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

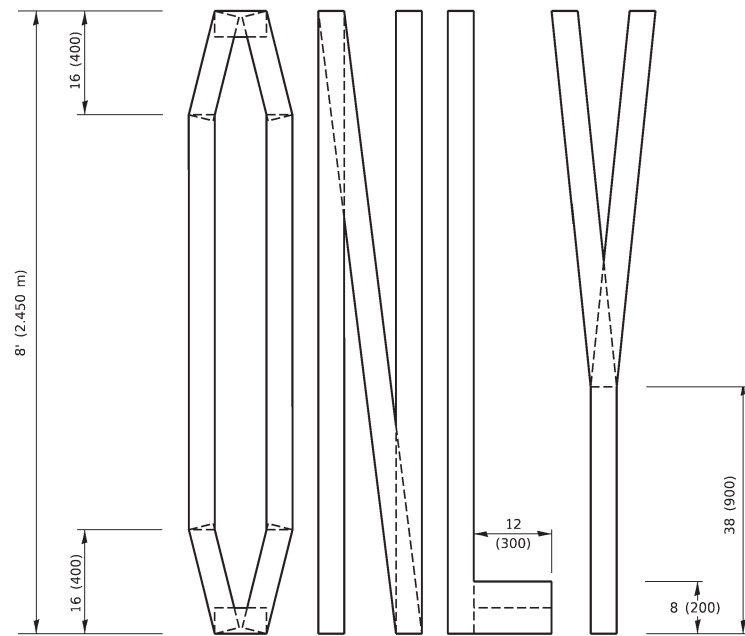
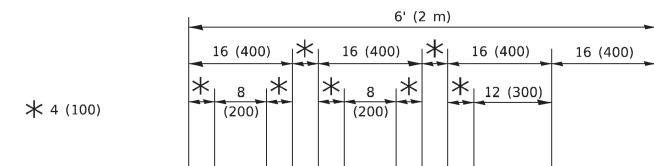
SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------------|-------------------|-----------|
| 1679 | 23-00062-00-RS | KANE/KENDALL | 22 | 20 |
| TC-13 | | | CONTRACT NO. 6K39 | |
| ILLINOIS FED. AID PROJECT | | | | |



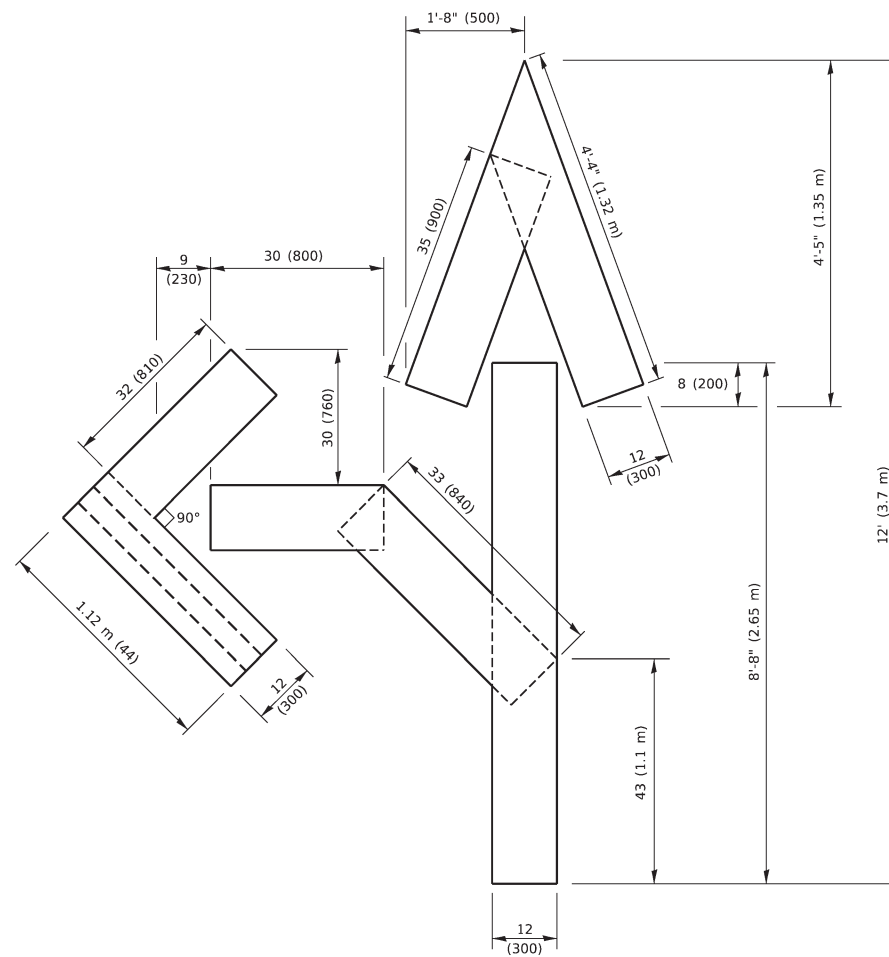
QUANTITY

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



QUANTITY

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

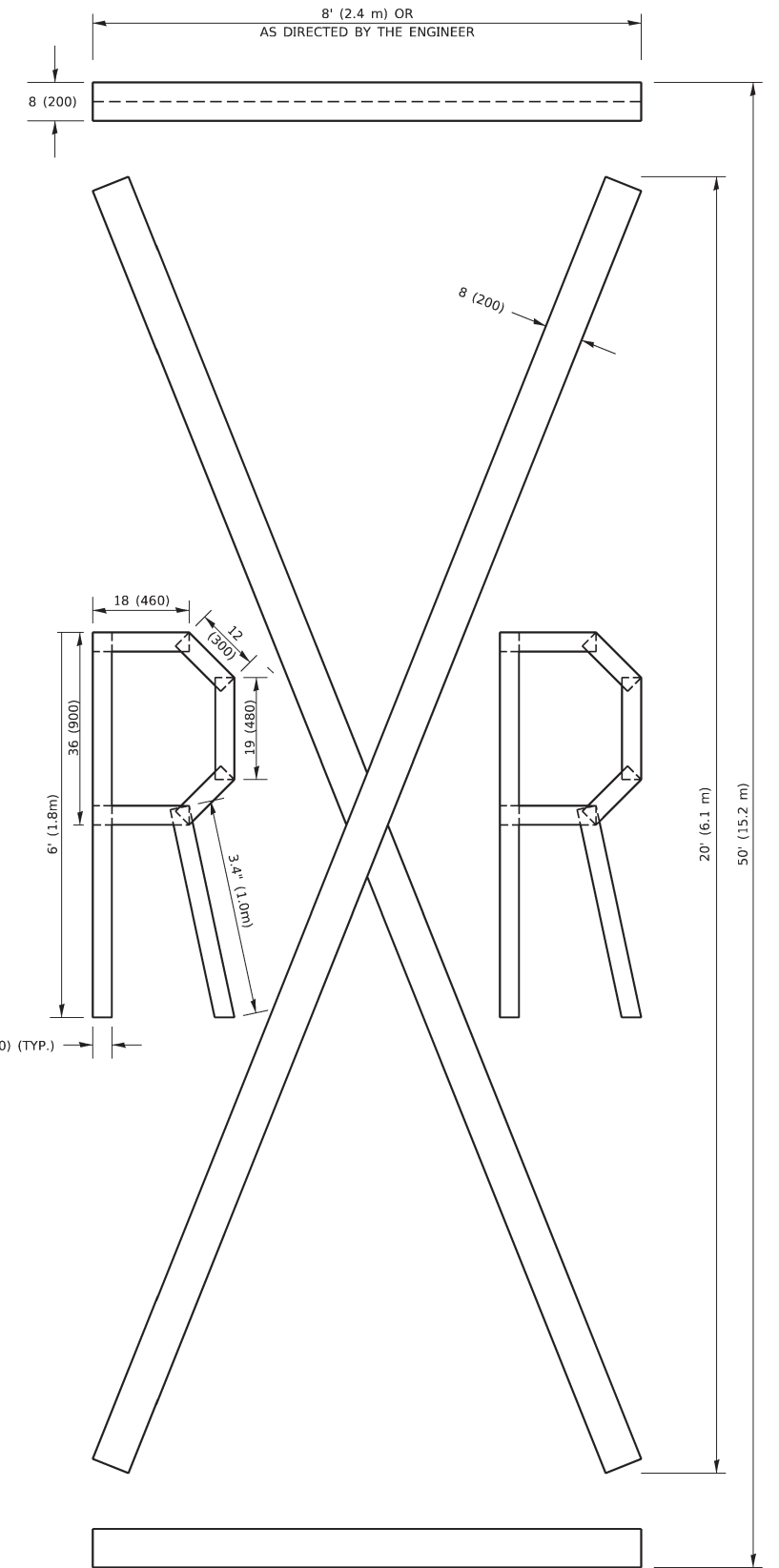


QUANTITY

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

NOTE:

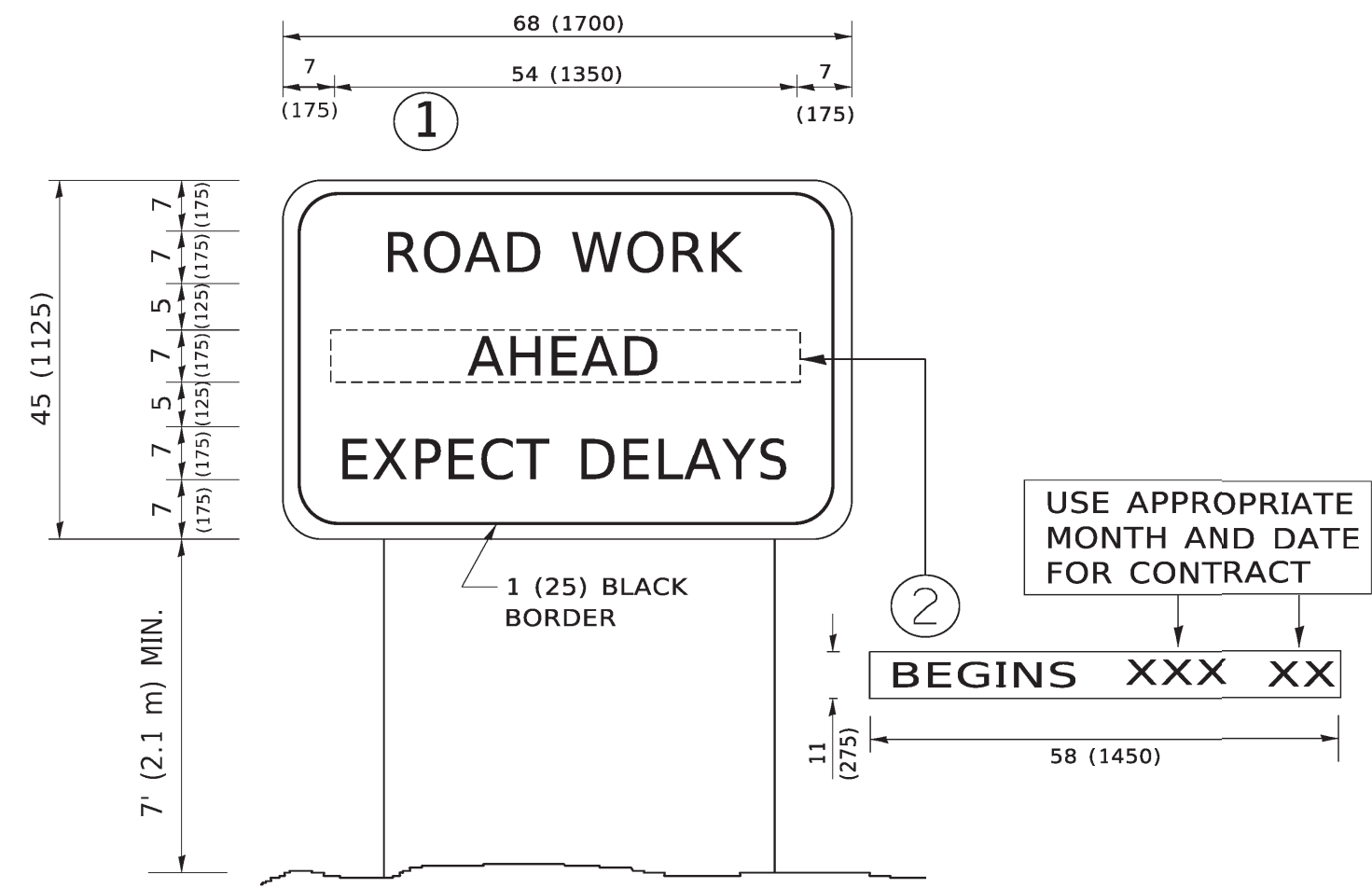
ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

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

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



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:\1104\BID\INTEG_illinois.gov\FWIDOT\Documents\DOT_Offices\Distrd_1\Projects\Dist56223\ACAD\data\CAD\sheet22.dgn

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeiweb.com

| | |
|------------|------------------|
| USER NAME | = footemj |
| PLOT SCALE | = 50.0000' / in. |
| PLOT DATE | = 3/1/2019 |

| | |
|----------|---|
| DESIGNED | - |
| DRAWN | - |
| CHECKED | - |
| DATE | - |

| | | | |
|---------|---|--------------|----------|
| REVISED | - | R. MIRS | 09-15-97 |
| REVISED | - | R. MIRS | 12-11-97 |
| REVISED | - | T. RAMMACHER | 02-02-99 |
| REVISED | - | C. JUCIUS | 01-31-07 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
INFORMATION SIGN

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

| | | | | |
|---------------------------|----------------|--------------|--------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1679 | 23-00062-00-RS | KANE/KENDALL | 22 | 22 |
| TC-22 | | | CONTRACT NO. 6IK39 | |
| ILLINOIS FED. AID PROJECT | | | | |