GENERAL NOTES AND CONDITIONS

THE SCALE SHOWN ON THE DRAWINGS APPLIES TO THE FULL SIZE PLANS AND NOT REDUCED SIZE PLANS.

THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF ALL BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATIONS, ELEVATIONS, AND SIZE OF EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY THE ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.

UTILITIES

EXACT VERTICAL OR HORIZONTAL LOCATIONS OF EXISTING LOCATIONS OF EXISTING UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. LOCATIONS AND DEPTHS SHOWN ON THESE PLANS ARE ONLY SCHEMATIC REPRESENTATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.37 OF THE STANDARD SPECIFICATIONS. THE PHONE FOR JULIE IS 800-892-0123. THE UTILITIES LOCATED WITHIN PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE.

EXCAVATION, GRADING, AND EMBANKMENT NOTES

THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL EXPENSE TO THE OWNER.

ALL BORROW / WASTE / USE SITES MUST BE APPROVED BY THE BELVIDERE HIGHWAY DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTHMOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE AT THE CONCLUSION OF EACH WORKING DAY.

THE FINAL TOP FOUR INCHES OF SOIL IN ANY RIGHT-OF-WAY AREA DISTURBED BY THE CONTRACTOR MUST BE COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION.

WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS, AND RIGHT-OF-WAY PINS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS BEEN WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 4 OR 2A SHALL BE USED EXCEPT IN FRONT OF PROPERTIES WHERE THE GRASS WILL BE MOWED, THEN USE SEEDING CLASS 1A.

PAVING

THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL RELOCATE AND REPLACE, TO THE SATISFACTION OF THE ENGINEER, ALL MAILBOXES IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.

IF, DURING THE GRINDING OR RESURFACING OPERATIONS, THE EXISTING MAILBOXES BECOME A HINDRANCE, THE CONTRACTOR SHALL BE REQUIRED TO CAREFULLY REMOVE AND RE-INSTALL THE MAILBOXES AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE HMA SURFACE COURSE IL-9.5 MIX D, N70.

EMERGENCY ACCESS, GARBAGE PICK-UP, AND MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENT WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE COUNTY TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.

THE CONTRACTOR SHALL CONSTRUCT ALL PRIVATE DRIVEWAYS AND FIELD ENTRANCES IN ACCORDANCE WITH THE PLANS. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ACCESS TO ALL EXISTING DRIVEWAYS DURING ALL STAGES OF CONSTRUCTION.

THE AREA TO BE TACKED OR PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAY'S PRODUCTION, UNLESS APPROVED BY THE ENGINEER.

HMA SURFACE COURSE SHALL BE PLACED OVER AREAS OF HMA SHOULDERS, PE/FE DRIVEWAYS, AND MB TURN OUTS SIMULTANEOUSLY WITH THE EXISTING MAINLINE PAVING OPERATION. HMA SURFACE COURSE CROSS SLOPES FOR THE MAINLINE PAVEMENT, HMA SHOULDERS, PE/FE DRIVEWAYS, MB TURN OUTS, AND GUARDRAIL WIDENING AREAS SHALL BE MAINTAINED ACCORDING TO THE TYPICAL SECTIONS.

INCIDENTAL HMA SURFACING SHALL BE PLACED ON PUBLIC STREETS / SIDE ROADS ON BLADED OFF OR MILLED SURFACE AS PER PLANS BUT NOT ON PRIVATE DRIVEWAYS, FIELD ENTRANCES, OR MAILBOX TURN OUT AREAS AS IT SHALL BE PLACED WITH HMA SURFACE COURSE AND QUANTITY THEREOF WILL BE PAID AT THE CONTRACT UNIT PRICE PER TON FOR HMA SURFACE COURSE.

SUMMARY OF QUANTITIES
CONSTRUCTION TYPE CODE: 0005

PAY CODE	ITEM	UNITS	QUANTITY
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	81
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	8,450
25000110	SEEDING, CLASS 1A	ACRE	1.8
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	162
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	162
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	162
25100115	MULCH METHOD 2	ACRE	1.8
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	180
28000400	PERIMETER EROSION BARRIER	FOOT	13,314
40600370	LONGITUDINAL JOINT SEALANT	FOOT	16,492
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,073
40602970	HOT-MIX ASPHALT BINDER COURSE IL-9.5FG, N70	TON	1,503
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1,796
40600990	TEMPORARY RAMP	SQ YD	33
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	30,200
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	132
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	11,932
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	29
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,645
48203013	HOT-MIX ASPHALT SHOULDERS 4"	SQ YD	2,006
64200108	SHOULDER RUMBLE STRIPS 8"	FOOT	13,314
67100100	MOBILIZATION	L SUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	10
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,460
78000200	THERMOPLASTIC PAVEMENT MARKING LINE 4"	FOOT	14,410
78000400	THERMOPLASTIC PAVEMENT MARKING LINE 6"	FOOT	6,840
X7010216	TRAFFIC CONTROL AND PROTECTION SPL	L SUM	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1

HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT

STATION	DESCRIPTION	SQ YD
35+60.95	IPSEN RD, INTERSECTION	355
45+18.97	COMMERCIAL ENTRANCE, LEFT	47
55+06.69	COMMERCIAL ENTRANCE, RIGHT	102
57+97.82	COMMERCIAL ENTRANCE, RIGHT	43
60+84.65	COMMERCIAL ENTRANCE, RIGHT	120
68+51	PRIVATE ENTRANCE, LEFT	20
69+05.16	PRIVATE ENTRANCE, LEFT	24
72+16	PRIVATE ENTRANCE, LEFT	23
72+25.1	PRIVATE ENTRANCE, RIGHT	22
72+82.44	PRIVATE ENTRANCE, LEFT	20
73+89.46	COMMERCIAL ENTRANCE, RIGHT	51
81+17.87	PRIVATE ENTRANCE, LEFT	23
81+83.82	WEST LEG OF INTERSECTION WITH IRENE ROAD	200
82+12.64	PRIVATE ENTRANCE, LEFT	23
	TOTAL	1,073

BITUMINOUS PAVEMENT MILLING, 1 1/2" & VAR.

STATION	DESCRIPTION	SQ YD
36+43.66 to 82+58.55	IPSEN RD TO IRENE ROAD MAIN LINE	11,537.2
35+80	IPSEN ROAD INTERSECTION	394.0
	TOTAL	11,931.2

BITUMINOUS MATERIALS TACK COAT

STATION	DESCRIPTION	POUNDS
10+00.00 to 82+58.55	BEGIN PROJ LIMITS - 1 Application (.05 rate)	9,617.58
35+80	IPSEN ROAD INTERSECTION - 1 Application (.05 rate)	177.30
	ENTRANCES (0.5 rate)	272.25
10+00.00 to 82+58.55	BEGIN PROJ LIMITS - 1 Application (.10 rate)	19,235.16
35+80	IPSEN ROAD INTERSECTION - 1 Application (.10 rate)	354.60
	ENTRANCES (0.10 rate)	544.50
	TOTAL	30,201.39

INCIDENTAL HOT-MIX ASPHALT SURFACING

STATION	DESCRIPTION	TON
35+80	IPSEN ROAD INTERSECTION	66.3
45+18.97	COMMERCIAL ENTRANCE, LEFT	6.0
55+06.69	COMMERCIAL ENTRANCE, RIGHT	12.8
57+97.82	COMMERCIAL ENTRANCE, RIGHT	5.4
60+84.65	COMMERCIAL ENTRANCE, RIGHT	15.1
68+51	PRIVATE ENTRANCE, LEFT	2.6
69+05.16	PRIVATE ENTRANCE, LEFT	3.0
72+16	PRIVATE ENTRANCE, LEFT	2.9
72+25.1	PRIVATE ENTRANCE, RIGHT	2.7
72+82.44	PRIVATE ENTRANCE, LEFT	2.5
73+89.46	COMMERCIAL ENTRANCE, RIGHT	6.5
81+17.87	PRIVATE ENTRANCE, LEFT	2.9
82+12.64	PRIVATE ENTRANCE, LEFT	2.9
	TOTAL	131.5

HOT-MIX ASPHALT BINDER COURSE IL-9.5FG, N70

STATION	DESCRIPTION	TON
10+00 to 36+43.66	KISHWAUKEE BRIDGE TO ISPEN ROAD	544.9
36+43.66 to 44+52.43	IPSEN ROAD TO START CURVE 1	166.7
44+52.43 to 52+52.88	CURVE 1 START TO CURVE 1 END	165.0
52+52.88 to 59+22.56	END CURVE 1 to START CURVE 2	138.0
59+22.56 to 65+58.22	CURVE 2 START TO CURVE 2 END	131.0
65+58.22 to 68+96.68	END CURVE 2 to START CURVE 3	69.8
68+96.68 to 76+00.00	CURVE 3 START TO CURVE 3 END	151.2
76+00.00 to 82+58.55	END CURVE 3 TO IRENE ROAD	135.7
	TOTAL	1,502.3

HOT-MIX ASPHALT SURFACE COURSE IL-9.5 D N70 1 1/2"

STATION	DESCRIPTION	TON
10+00 to 36+43.66	KISHWAUKEE BRIDGE TO ISPEN ROAD	653.9
36+43.66 to 44+52.43	IPSEN ROAD TO START CURVE 1	200.4
44+52.43 to 52+52.88	CURVE 1 START TO CURVE 1 END	198.0
52+52.88 to 59+22.56	END CURVE 1 to START CURVE 2	165.6
59+22.56 to 65+58.22	CURVE 2 START TO CURVE 2 END	157.2
65+58.22 to 68+96.68	END CURVE 2 to START CURVE 3	83.7
68+96.68 to 76+00.00	CURVE 3 START TO CURVE 3 END	174.0
76+99.00 to 82+58.55	END CURVE 3 TO IRENE ROAD	162.9
	TOTAL	1,795.7

TEMPORARY RAMP

STATION	DESCRIPTION	SQ YD
10+00	EAST ABUTMENT OF BRIDGE OVER KISHWAUKEE RIVER	11
0+00	IPSEN ROAD	11
82+58.82	WEST LEG OF INTERSECTION OF IRENE RD	11
	TOTAL	33

SHORT TERM PAVEMENT MARKING

STATION	DESCRIPTION	FOOT
10+00.00 to 82+58.80	SKIP DASH TAPE WHOLE SECTION (3 APPLICATIONS)	5,460.00
	TOTAL	5,460.00

THERMOPLASTIC PAVEMENT MARKING LINE 6" - YELLOW

STATION	DESCRIPTION	FOOT
10+00.00 to 12+23.93	SOLID YELLOW WEST BOUND	224
10+00.00 to 12+23.93	SKIP DASH EASTBOUND	60
12+23.93 to 51+47.12	SKIP DASH EAST AND WEST BOUND	990
51+47.12 to 82+58.80	SOLID YELLOW EAST BOUND	3,112
51+47.12 to 60+38.26	SKIP DASH WEST BOUND	230
60+38.26 to 82+58.80	SOLID YELLOW WEST BOUND	2,221
	TOTAL	6,837

THERMOPLASTIC PAVEMENT MARKING LINE 4" - WHITE

STATION	DESCRIPTION	FOOT
10+06.50 to 82+58.55	SOLID WHITE WEST BOUND	7,252
9+94.45 to 35+26.54	SOLID WHITE EAST BOUND	2,532
36+33.65 to 82+58.55	SOLID WHITE EAST BOUND	4,625
	TOTAL	14,409

TOPSOIL CALCULATIONS FOR INFORMATION ONLY CONTRACTOR TO VERIFY QUANTITY

STATION	TOP SOIL SQUARE FEET END AREA (LEFT)	TOP SOIL SQUARE FEET END AREA (RIGHT)	TOP SOIL CUBIC YARDS (TOTAL)
10+00.	0.0	0.0	0.0
11+00.	0.0	0.0	0.2
12+00.	0.0	0.7	1.3
13+00.	0.1	1.1	3.3
14+00.	0.5	1.4	5.5
15+00.	1.4	1.7	9.1
16+00.	3.5	1.9	15.8
17+00.	2.9	2.1	19.4
18+00.	2.6	2.2	18.2
19+00.	2.3	2.1	17.0
20+00.	2.0	2.0	15.5
21+00.	1.8	1.5	13.6
22+00.	1.7	1.3	11.8
23+00.	1.7	1.2	11.1
24+00.	1.6	1.4	11.0
25+00.	1.6	1.5	11.2
26+00.	1.7	1.4	11.3
27+00.	1.7	1.3	11.2
28+00.	1.8	1.4	11.5
29+00.	1.9	1.4	12.0
30+00.	2.2	1.0	12.1
31+00.	1.4	1.0	10.4
32+00.	1.2	1.0	8.4
33+00.	1.0	0.9	7.4
34+00.	0.8	0.8	6.5
35+00.	0.7	0.8	5.8
35+80.	0.2	0.0	2.5
37+00.	0.0	0.0	0.5
38+00.	0.0	0.0	0.0
39+00.	0.1	0.2	0.5
40+00.	0.3	0.9	2.6
41+00.	1.0	0.4	4.7
42+00.	4.6	0.0	11.0
43+00.	5.6	0.3	19.4
44+00.	4.5	0.9	21.0
44+52.43	1.9	1.3	8.4
45+20.	0.3	0.9	5.6
46+00.	0.7	0.7	3.9
47+00.	0.8	0.1	4.1
48+00.	0.4	0.0	2.3
48+52.65	0.8	0.2	1.3
49+00.	1.3	0.2	2.2
50+00.	0.8	2.6	9.2
51+00.	0.1	2.8	11.7
52+00.	0.0	2.1	9.4
52+52.88	0.1	1.0	3.2
53+00.	0.3	0.4	1.6
54+00.	1.5	0.0	4.1
55+00.	1.4	0.0	5.4
56+00.	1.0	0.0	4.5
57+00.	1.3	0.9	5.9
58+00.	0.9	0.0	5.8
59+00.	2.0	0.0	5.5
59+22.56	0.5	1.1	1.5
60+00.	0.3	2.1	5.6
61+00.	0.1	0.0	4.5
62+00.	0.1	0.0	0.4
62+40.39	0.8	0.0	0.7
63+00.	0.0	0.0	0.9
64+00.	0.1	1.5	3.0
65+00.	0.1	2.9	8.5
65+58.22	0.1	1.9	5.4
66+00.	0.1	1.0	2.4
67+00.	1.0	0.6	5.0
68+00.	3.7	0.4	10.5
68+96.68	0.1	1.1	9.4
69+00.	0.1	1.1	0.2
70+00.	1.3	1.5	7.5
71+00.	0.7	1.2	8.8
72+00.	0.0	0.3	4.3
73+00.	0.2	2.3	5.3
74+00.	0.2	0.1	5.2
75+00.	0.3	10.3	20.1
76+00.	0.3	12.4	43.1
77+00.	9.0	0.5	41.1
78+00.	5.8	2.4	32.8
79+00.	1.6	2.0	22.0
80+00.	0.0	2.6	11.6
80+13.13	0.0	2.7	1.3
81+00.	0.0	2.8	8.9
82+00.	0.1	2.5	10.0
82+58.55	0.0	0.0	2.8
PE 71+90 LT			9.5
		GRAND TOTAL	709.2

REVISIONS

No.	DESCRIPTION	DATE
1	Schedule and Quantity Update	02/16/2024
	Rev 1	02/20/24

IMEG
401 E STATE STREET
4TH FLOOR
ROCKFORD, IL 61104
PH: 815.965.6400
www.imegcorp.com
Illinois Design Firm Registration #184.007637-0014

NEWBURG ROAD RESURFACING
BELVIDERE, ILLINOIS

GENERAL NOTES AND SUMMARY OF QUANTITIES

IMEG Project No: 23001979.00
File Name: 23001979-COVER & SUMMARY OF QUANTITIES.dwg

Field Book No: ####
Drawn By: AJR
Checked By: MLL
Date: 11/20/2023