

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

03-07-2025 LETTING ITEM 011

TRAFFIC DATA
HART ROAD
POSTED SPEED LIMIT: 25 MPH
ADT = 3200 (2023)

FUNCTIONAL CLASSIFICATION
MAJOR COLLECTOR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

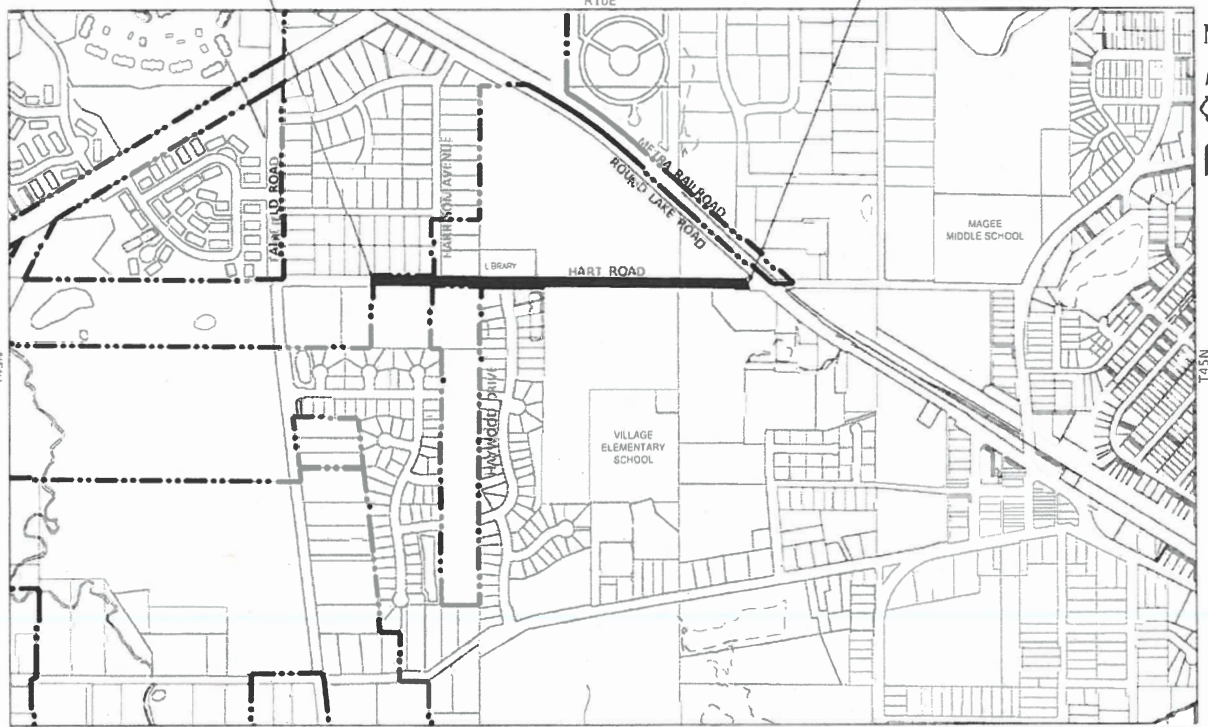
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

FAU 0201 (HART ROAD)
WEST VILLAGE LIMITS TO FAU 0186 (IL 134 – ROUND LAKE ROAD)
RESURFACING
SECTION: 22-00086-00-RS
PROJECT: XXHR(939)
VILLAGE OF ROUND LAKE
LAKE COUNTY

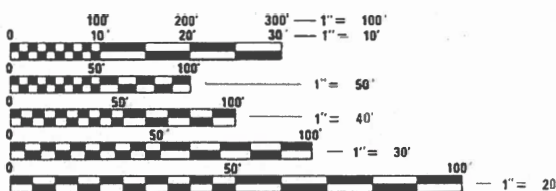
BEGIN IMPROVEMENTS
HART ROAD
STA 15+07

C-91-050-25
LOCATION MAP
NOT TO SCALE

END IMPROVEMENTS
HART ROAD
STA 40+25



GROSS LENGTH = 2,600 FT. = 0.492 MILE
NET LENGTH = 2,600 FT. = 0.492 MILE



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. DESIGN STAGE REQUEST
DIG. No. X270560273

Call Before You Dig
1-800-4-A-ROOT
ILLINOIS ONE CALL SYSTEM
CONTACT 800-4-A-ROOT OR 800-893-0123
WITH THE FOLLOWING:
COUNTY = LAKE
CITY/TOWNSHIP = ROUND LAKE
SEC. & 1/4 SEC. NO. = SEC 19 & SEC 20
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 61L17

BAXTER & WOODMAN
Consulting Engineers

JOSEPH D. WILHELMSEN
62-70103
LICENSED
PROFESSIONAL
ENGINEER
OF
STATE OF ILLINOIS
J. P. Wilhelm
LICENSE EXPIRES 11-30-2025

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0201	22-00086-00-RS	LAKE	13	1

ILLINOIS CONTRACT NO. 61L17



LOCATION OF SECTION INDICATED THUS: —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED *[Signature]*
Director of Public Works
VILLAGE OF ROUND LAKE REPRESENTATIVE

PASSED *[Signature]*
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW *[Signature]*
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS
PROJECT NO. 220320 DATE: 12-26-2024

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
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GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, THE JANUARY 1, 2022 EDITION OF THE "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE JANUARY 1, 2025 EDITION OF THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE 11th EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE JANUARY 1, 2022 EDITION OF THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE 8th EDITION "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.
4. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.
5. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL.
6. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, RESIDENTS AND THE VILLAGE WHEN ACCESS TO DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
7. THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.
8. THE CONTRACTOR WILL BE REQUIRED TO USE A STEEL PLATE OR PLATES TO CLOSE ANY GAPS OCCURRING WHEN A FRAME IS OFFSET FROM THE STRUCTURE. THE STEEL PLATE SHALL BE ½-INCH THICK AND APPROXIMATELY 6-INCH WIDE BY 24-INCH LONG. SOME ADJUSTMENT IN SIZE MAY BE NECESSARY TO PREVENT THE STEEL PLATE FROM OVERHANGING THE OUTSIDE OF THE STRUCTURE WALL. THE STEEL PLATE SHALL BE BEDDED IN AND COVERED WITH MORTAR. THIS WORK SHALL BE INCLUDED IN THE COST OF STRUCTURE ADJUSTMENTS OR STRUCTURE RECONSTRUCTIONS.
9. THE CURB SHALL BE TAPERED TO THE GUTTER IN A FIVE (5) FOOT LENGTH WHEREVER THE CURB AND GUTTER TERMINATES, WITH AN EXPANSION JOINT PLACED AT THE START OF THE TAPER.
10. A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER.
11. ON STREETS TO BE FULL WIDTH MILLED (2" OR MORE), THE EXISTING STRUCTURES IN THE PAVEMENT SHALL BE ADJUSTED IN ACCORDANCE WITH THE IDOT DETAIL "DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING". THIS WORK SHALL BE IN ADDITION TO THE REQUIREMENTS FOR MANHOLES TO BE ADJUSTED.
12. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 ½ INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND SHALL NOT EXCEED 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. A MAXIMUM GRADE DIFFERENCE OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H), AS DETERMINED BY THE ENGINEER.
13. THE 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.
14. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

INDEX OF SHEETS

- 1COVER
- 2GENERAL NOTES, INDEX OF SHEETS, AND HIGHWAY STANDARDS
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- 5TYPICAL SECTIONS
- 6 - 7ROADWAY PLAN HART ROAD
- 8SIDEWALK DETAILS
- 9DETAIL FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
- 9aCURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- 10BUTT JOINT AND HMA TAPER DETAILS
- 11TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS & DRIVEWAYS
- 12TYPICAL PAVEMENT MARKINGS
- 13ARTERIAL ROAD INFORMATION SIGN
- 13aSHORT-TERM PAVEMENT MARKING LETTERS AND SYMBOLS
- 13bDRIVEWAY ENTRANCE SIGNING

HIGHWAY STANDARDS

- 000001-08STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-12PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424016-05MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424021-07DEPRESSED CORNER FOR SIDEWALKS
- 442201-03CLASS C AND D PATCHES
- 606001-08CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701011-04OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-04LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
- 701501-06URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-10TRAFFIC CONTROL DEVICES

COMMITMENTS

THERE ARE NO COMMITMENTS ON THIS PROJECT

DISTRICT ONE DETAILS

- BD-08DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
- BD-24CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD-32BUTT JOINT AND HMA TAPER DETAILS
- TC-10TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS & DRIVEWAYS
- TC-13DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-16SHORT-TERM PAVEMENT MARKING LETTERS AND SYMBOLS
- TC-22ARTERIAL ROAD INFORMATION SIGN
- TC-26DRIVEWAY ENTRANCE SIGNING

<div><div>BAXTER & WOODMAN</div><div>Consulting Engineers</div></div>	USER NAME = javila	DESIGNED - CW	REVISED -	VILLAGE OF ROUND LAKE, ILLINOIS HART ROAD IMPROVEMENTS	GENERAL NOTES, HIGHWAY STANDARDS AND INDEX OF SHEETS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000 ' / in.	CHECKED - LJF	REVISED -				0201	22-00086-00-RS	LAKE	13	2
	PLOT DATE = 1/20/2025	DATE - 01-20-2025	FILE - 220320_SHT-GenNotes.dgn				CONTRACT NO. 61L17				
							SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				80% STATE 20% LOCAL
				ROADWAY
				0005 URBAN
20200100	EARTH EXCAVATION	CU YD	22	22
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	49	49
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	236	236
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,003	1,003
25000110	SEEDING, CLASS 1A	ACRE	0.20	0.20
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18	18
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	18	18
25100630	EROSION CONTROL BLANKET	SQ YD	968	968
28000510	INLET FILTERS	EACH	30	30
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	40	40
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,821	1,821
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,738	5,738
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	36	36
40600982	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT	SQ YD	146	146
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	367	367

* INDICATES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				80% STATE 20% LOCAL
				ROADWAY
				0005 URBAN
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	856	856
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,796	1,796
42400800	DETECTABLE WARNINGS	SQ FT	112	112
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	8,500	8,500
44000600	SIDEWALK REMOVAL	SQ FT	2,302	2,302
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	93	93
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	209	209
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	170	170
48101200	AGGREGATE SHOULDERS, TYPE B	TON	20	20
* 50900805	PEDESTRIAN RAILING	FOOT	50	50
60266600	VALVE BOX TO BE ADJUSTED	EACH	2	2
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10	10
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1

* INDICATES SPECIALTY ITEM

BAXTER & WOODMAN
Engineering & Construction

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	DRAWN - KAR	REVISED -
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VILLAGE OF ROUND LAKE, ILLINOIS
HART ROAD IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0201	22-00086-00-R5	LAKE	13	3
CONTRACT NO. 61L17				
ILLINOIS FED. AID PROJECT				

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VILLAGE OF ROUND LAKE, ILLINOIS HART ROAD IMPROVEMENTS				SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								0201	22-00086-00-RS	LAKE	13	4
								CONTRACT NO. 61L17				
								ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 2 OF 2 SHEETS		STA.		TO STA.						

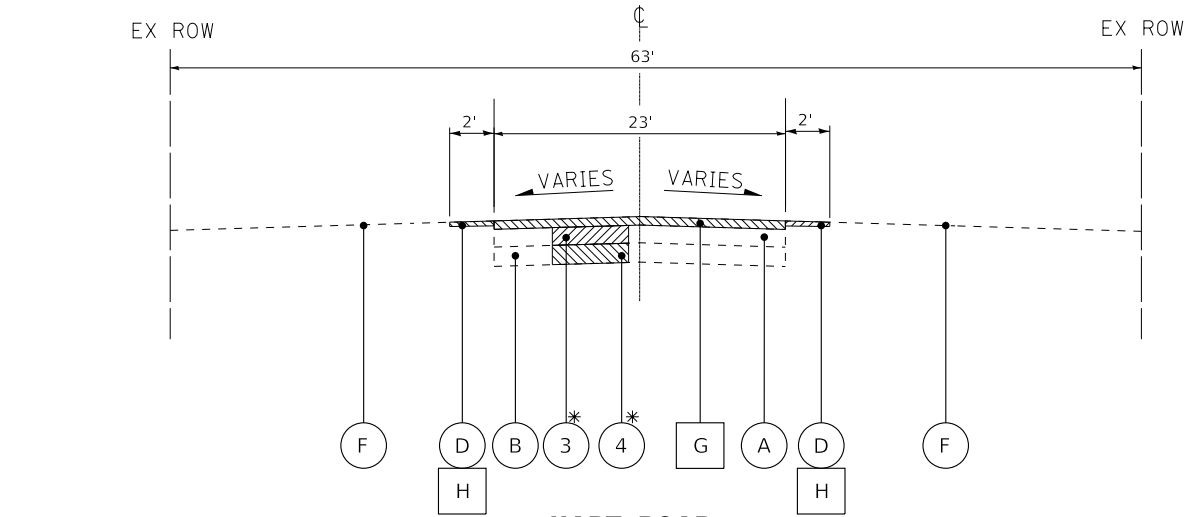
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				20% LOCAL
				ROADWAY
				0005
				URBAN
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DAY	5	5
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70300211	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS - PAINT	SQ FT	73	73
70300221	TEMPORARY PAVEMENT MARKING LINE 4" PAINT	FOOT	4,533	4,533
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	575	575
70300251	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	FOOT	77	77
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	259	259
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	296	296
70300100	SHORT TERM PAVEMENT MARKING	FOOT	28,700	28,700
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	13,870	13,870
* 72000100	SIGN PANEL, TYPE 1	SQ FT	124	124
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4

* INDICATES SPECIALTY ITEM

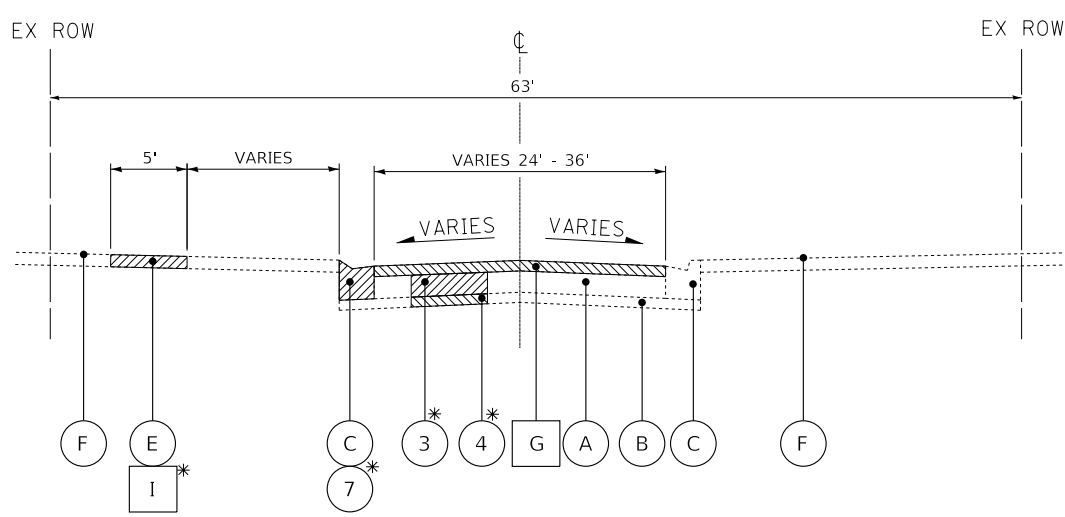
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				ROADWAY
				0005
				URBAN
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	128	128
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	73	73
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4,533	4,533
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	575	575
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	77	77
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	259	259
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	296	296
78200202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2,774	2,774
X2020112	GRADING AND SHAPING OF SHOULDERS (SPECIAL)	FOOT	750	750
X4400500	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	259	259
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	617	617
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	1
XX006947	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	25	25
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	8	8
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	96	96

* INDICATES SPECIALTY ITEM

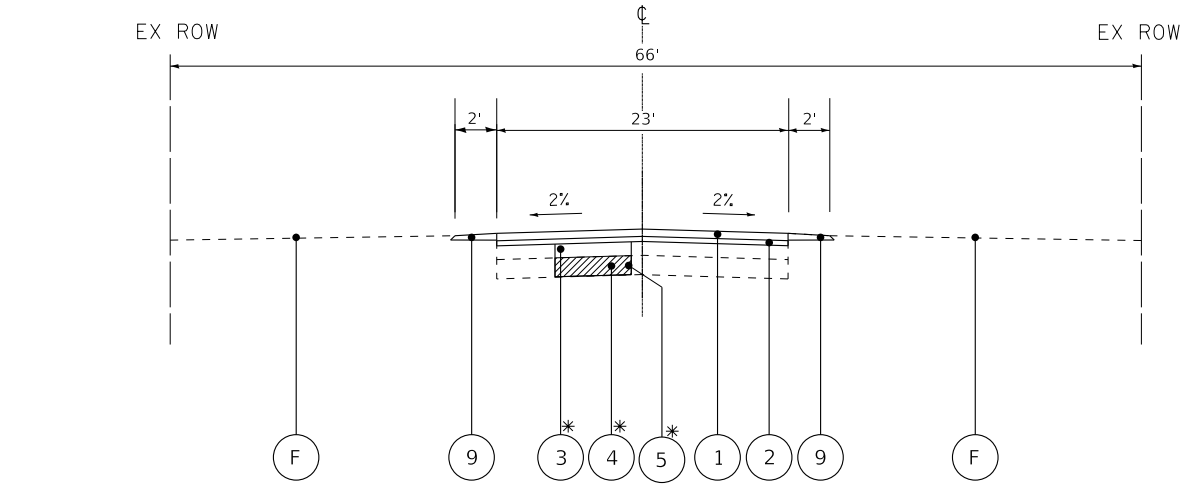
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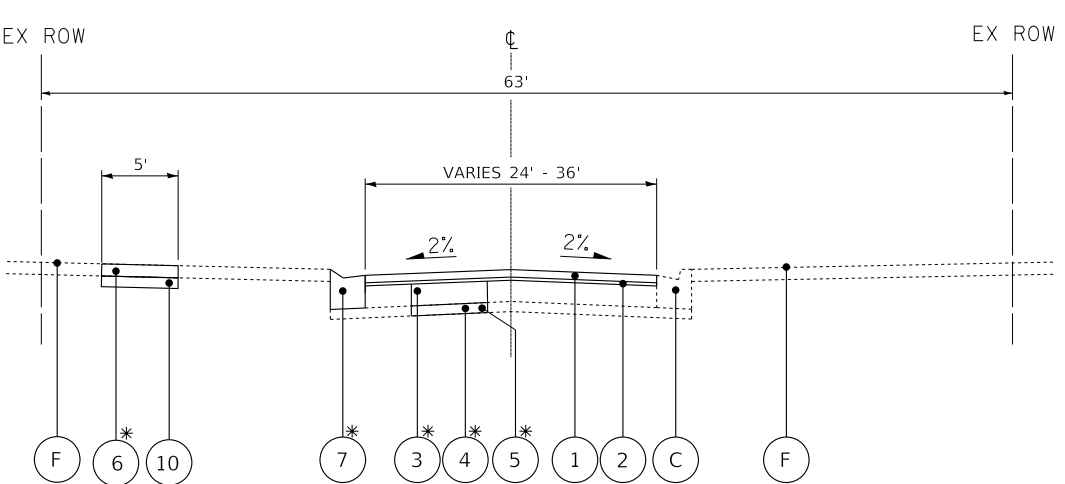
HART ROAD
EXISTING TYPICAL SECTION
WEST VILLAGE LIMITS TO HARRISON AVENUE



HART ROAD
EXISTING TYPICAL SECTION
HARRISON AVENUE TO IL 134



HART ROAD
PROPOSED TYPICAL SECTION
WEST VILLAGE LIMITS TO HARRISON AVENUE



HART ROAD
PROPOSED TYPICAL SECTION
HARRISON AVENUE TO IL 134

* AS DETERMINED BY THE ENGINEER

* AS DETERMINED BY THE ENGINEER

EXISTING LEGEND

- | | | | |
|----------|--|-----------|---|
| A | EXISTING HOT-MIX ASPHALT PAVEMENT | 1 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1.75" |
| B | EXISTING AGGREGATE BASE COURSE | 2 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 0.75" |
| C | EXISTING CURB AND GUTTER, TYPE B-6.24 | 3 | CLASS D PATCHES, 8" |
| D | EXISTING AGGREGATE SHOULDER | 4 | REMOVAL OF UNSUITABLE MATERIAL
AGGREGATE SUBGRADE IMPROVEMENT (SEE NOTE 1) |
| E | EXISTING SIDEWALK | 5 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION |
| F | EXISTING GROUND | 6 | PCC SIDEWALK, 5" |
| G | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" | 7 | COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT |
| H | GRADING AND SHAPING OF SHOULDERS (SPECIAL) | 8 | TOPSOIL FURNISH AND PLACE 4"; SEEDING CLASS 1A |
| I | SIDEWALK REMOVAL | 9 | AGGREGATE WEDGE SHOULDER, TYPE B |
| | ITEM TO BE REMOVED | 10 | AGGREGATE BASE COURSE, 4" |

NOTES:

1. AGGREGATE SUBGRADE IMPROVEMENT (ASI) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.01 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED WITH ASI OR EMBANKMENT AS DETERMINED BY THE ENGINEER. THESE LIMITS MAY BE ALTERED BY THE ENGINEER IF FIELD CONDITIONS SO WARRANT. REMOVAL OR THESE UNSUITABLE SOILS SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL." ANY ASI AND REMOVAL AND DISPOSAL OF UNSUTIAABLE MATERIAL FOR GROUND STABILIZATION NOT NEEDED AT THE TIME OF CONSTRUCTION SHALL BE DELETED FROM THE CONTRACT.

EXISTING PAVEMENT THICKNESS DATA

STREET	CORE	HOT-MIX ASPHALT	AGG BASE
HART ROAD	1	10"	13"
HART ROAD	2	10 1/4"	4 1/2"
HART ROAD	3	10 3/4"	15"
HART ROAD	4	9 1/2"	15 3/4"
HART ROAD	5	10 3/4"	12 1/4"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	GMP
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 0.75"	3.5% @ 50 Gyr.	LR1030-2
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1.75"	4% @ 50 Gyr.	LR1030-2
HMA DRIVEWAY SURFACE REMOVAL & REPLACEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 3" (IN 2 LIFTS)	4% @ 50 Gyr.	LR1030-2
CLASS D PATCHES		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 8"	4% @ 50 Gyr.	LR1030-2
GMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.



USER NAME = mclark	DESIGNED - CW	REVISED -
DRAWN - KAR	REVISD -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - LJF	REVISED -
PLOT DATE = 12/26/2024	DATE - 12-26-2024	FILE - 220320_SHT-PHII TypicalSections.dgn

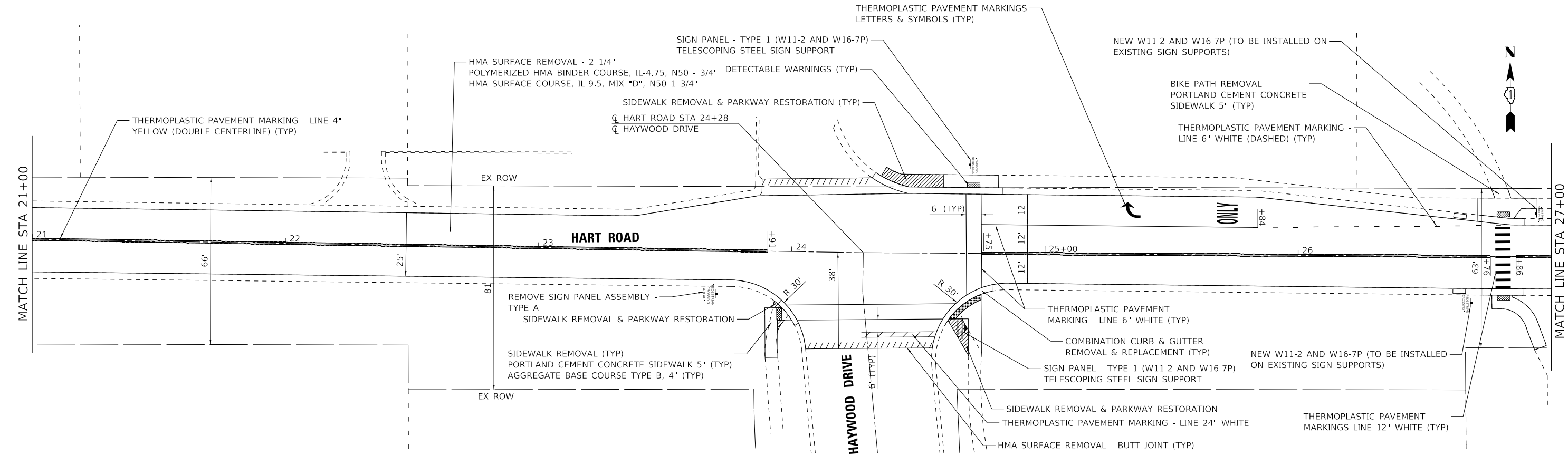
VILLAGE OF ROUND LAKE, ILLINOIS
HART ROAD IMPROVEMENTS

TYPICAL SECTIONS AND
HOT-MIX ASPHALT REQUIREMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0201	22-00086-00-R5	LAKE	13	5
CONTRACT NO. 61L17				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
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NOTES:

1. PARKWAY RESTORATION IS PAID BY TOPSOIL FURNISH AND PLACE 4", SEEDING CLASS 1A, NITROGEN FERTILIZER, POTASSIUM FERTILIZER, AND EROSION CONTROL BLANKET.



USER NAME = javila	DESIGNED - CW	REVISED -
DRAWN - KAR	REVIS	REVIS
PLOT SCALE = 20.0000 ' / in.	CHECKED - LJF	REVISED -
PLOT DATE = 1/22/2025	DATE - 01-22-2025	FILE - 220320_SHT-Plan1.dgn

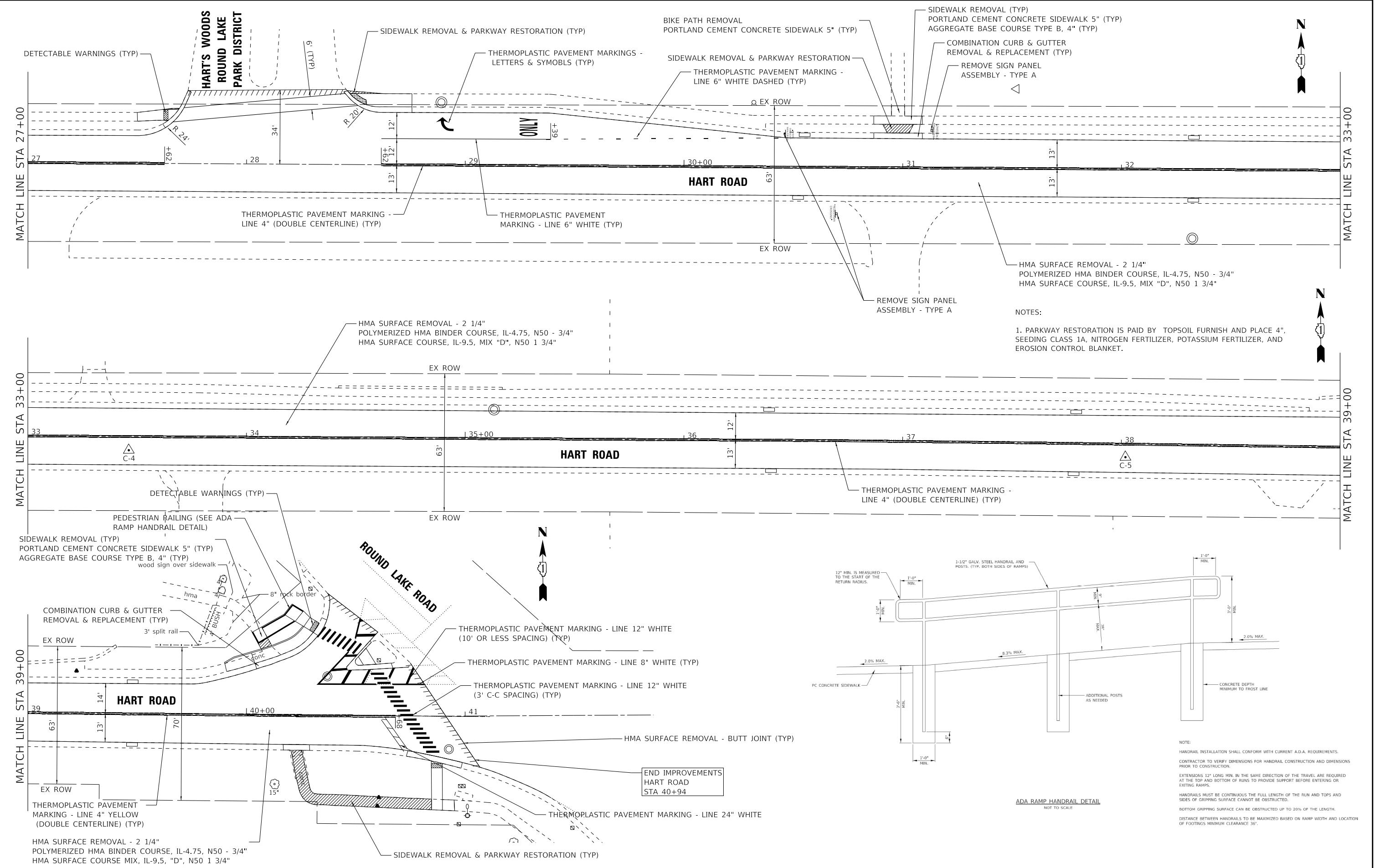
VILLAGE OF ROUND LAKE, ILLINOIS
HART ROAD IMPROVEMENTS

ROADWAY PLAN
HART ROAD

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 15+07 TO STA. 27+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0201	22-00086-00-RS	LAKE	13	6
CONTRACT NO. 61L17				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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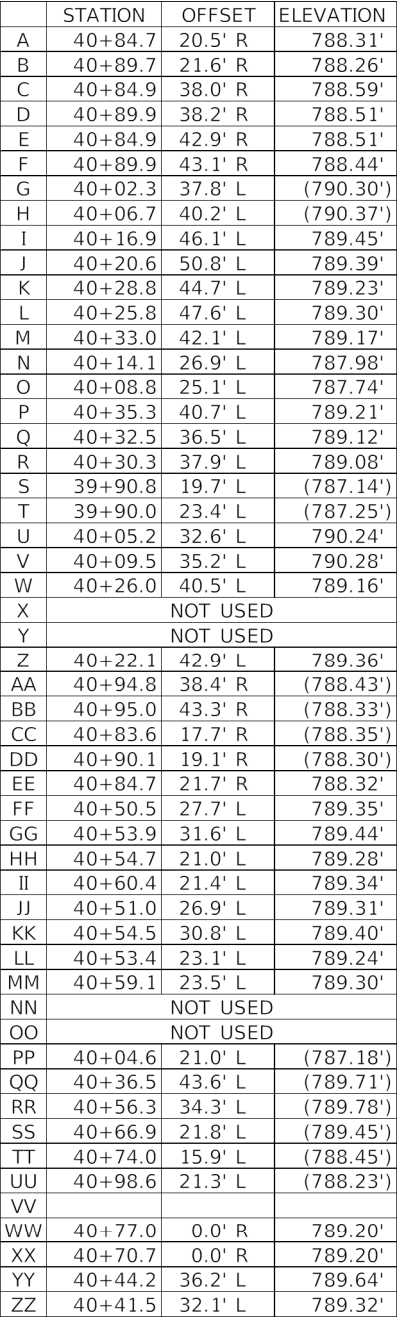
BAXTER & WOODMAN Consulting Engineers	USER NAME = javiia	DESIGNED - CW	REVISED -
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	PLOT DATE = 1/22/2025	DATE - 01-22-2025	FILE - 220320_SHT-Plan2.dgn

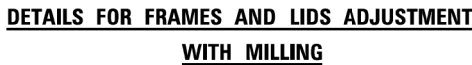
VILLAGE OF ROUND LAKE, ILLINOIS
HART ROAD IMPROVEMENTS

ROADWAY PLAN
HART ROAD

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 27+00 TO STA. 40+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0201	22-00086-00-R5	LAKE	13	7
CONTRACT NO. 61L17				
		ILLINOIS	FED. AID PROJECT	





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.

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.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0201	22-00086-00-RS	LAKE	13	9
BD600-03 (BD-08)		CONTRACT NO. 61L17		
ILLINOIS		FED. AID PROJECT		



(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

TYPICAL TEMPORARY RAMP



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.

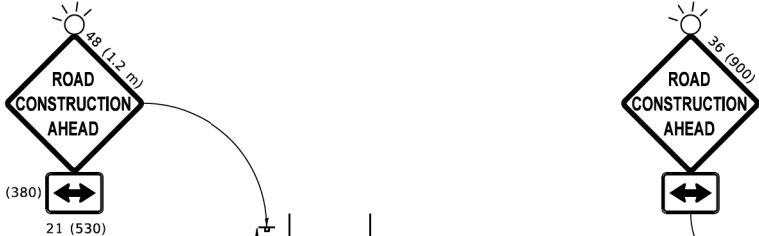
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0201	22-00086-00-R5	LAKE	13	10
BD400-05 BD-32		CONTRACT NO. 61L17		
ILLINOIS		FED. AID PROJECT		

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TYPE III BARRICADES
WITH TWO FLASHING AMBER
LIGHTS ON EACH. (SEE NOTE

TYPE I OR TYPE II BARRICADES WITH ONE FLASHING AMBER LIGHT ON EACH, OR TYPE III BARRICADES WITH TWO FLASHING AMBER LIGHTS ON EACH. (SEE NOTE 1)

200' (60 m)

DRIVEWA

WORK AREA I

SPEED LIMIT > 40 MPH (60 km/h)

500' (150 m)

****LOCAL STREET; SPEED
LIMIT 40 MPH OR LESS**

200' (60 m)

W20-I103(0

M6 4(0) 21"Y15"



M6-1(0) 21"X15"
(SEE NOTE 4)

SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

- ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

- ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

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

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

USER NAME = Lawrence.DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
	DRAWN -	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

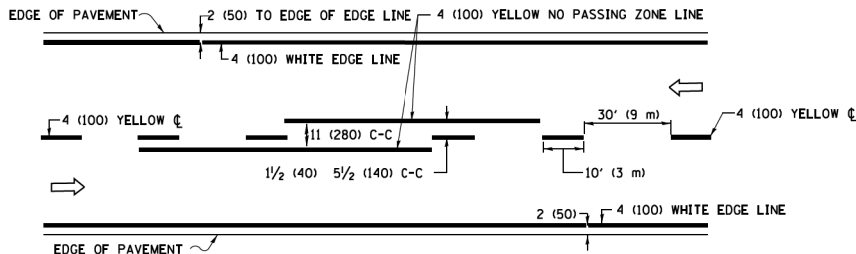
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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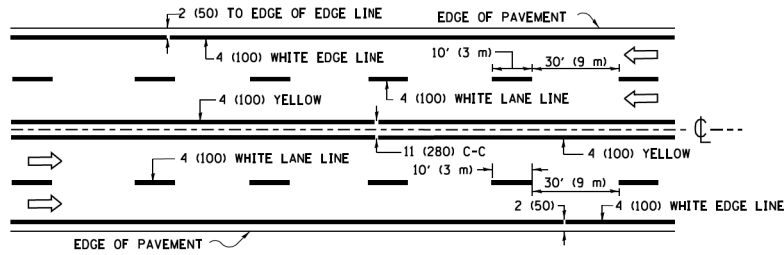
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0201	22-00086-00-RS	LAKE	13	11
TC-10		CONTRACT NO. 61L17		
ILLINOIS		FED. AID PROJECT		

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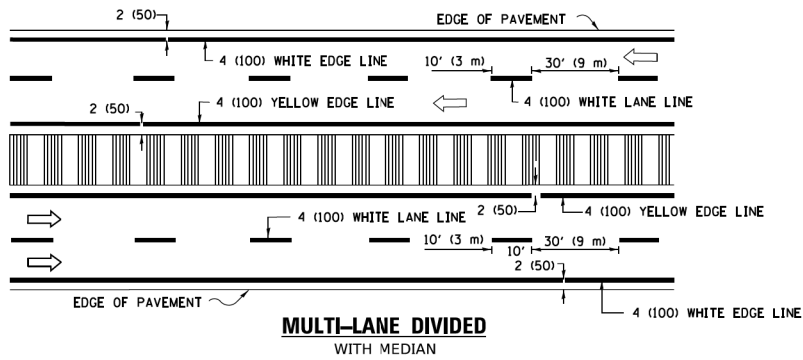
COPYRIGHT © 2017, BY BAXTER & WOODMAN, INC.
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
PROJECT: TYPICAL PAVEMENT MARKINGS
PROJECT NO. 22-00086-00-RS
DATE: 03/19/2019
DRAWN BY: JUCIUS
CHECKED BY: JUCIUS
DESIGNED BY: EVERS
REVISIONS: 01-13, 12-21, 04-12, 09-09



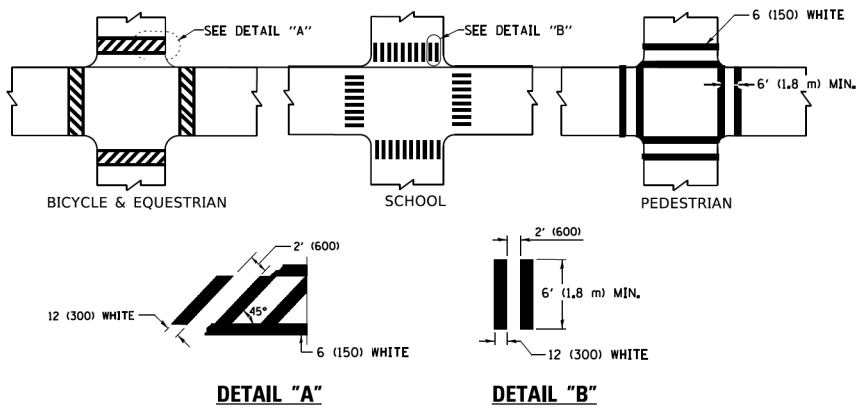
2-LANE ROADWAY



MULTI-LANE UNDIVIDED

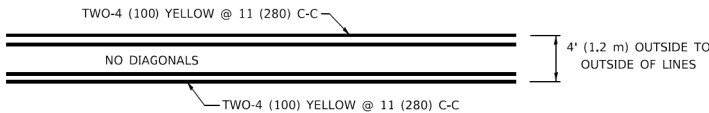


TYPICAL LANE AND EDGE LINE MARKING

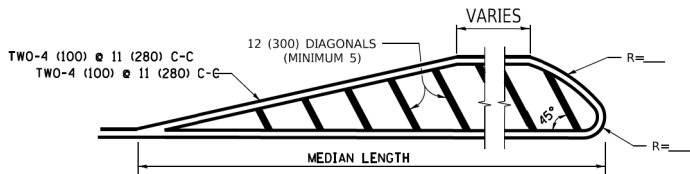


TYPICAL CROSSWALK MARKING

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

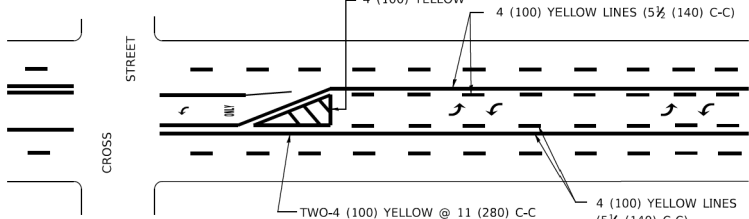


4' (1.2 m) WIDE MEDIANS ONLY

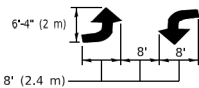


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

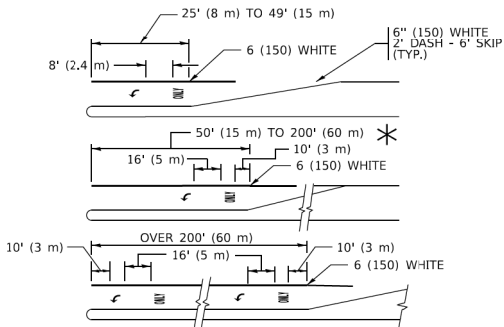


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

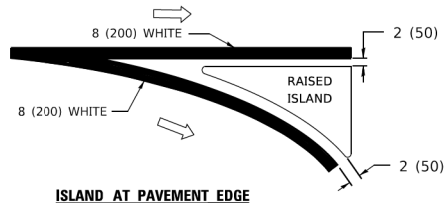
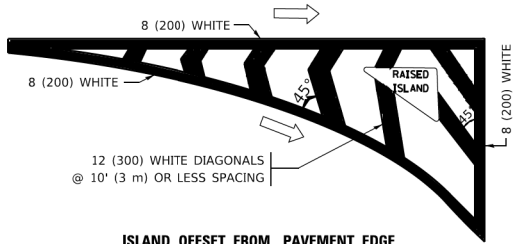


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

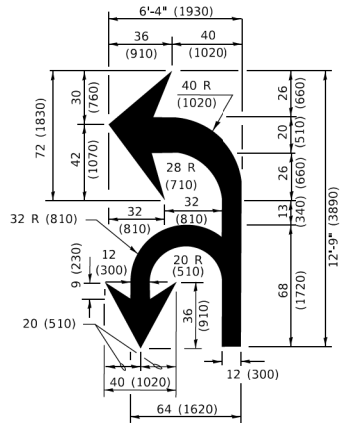
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

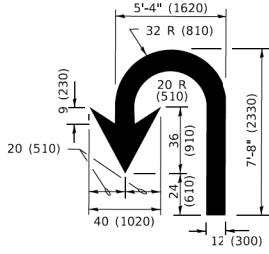
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



LANE REDUCTION TRANSITION

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

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 1/2 (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 1/2 (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 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: "RR" 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.

USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	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.
0201	22-00086-00-RS	LAKE	13	12
TC-13		CONTRACT NO. 61L17		
ILLINOIS		FED. AID PROJECT		

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 PROJECT NO. 22-00086-00-RS
 SHEET NO. 13 OF 13
 DATE: 3/4/2019

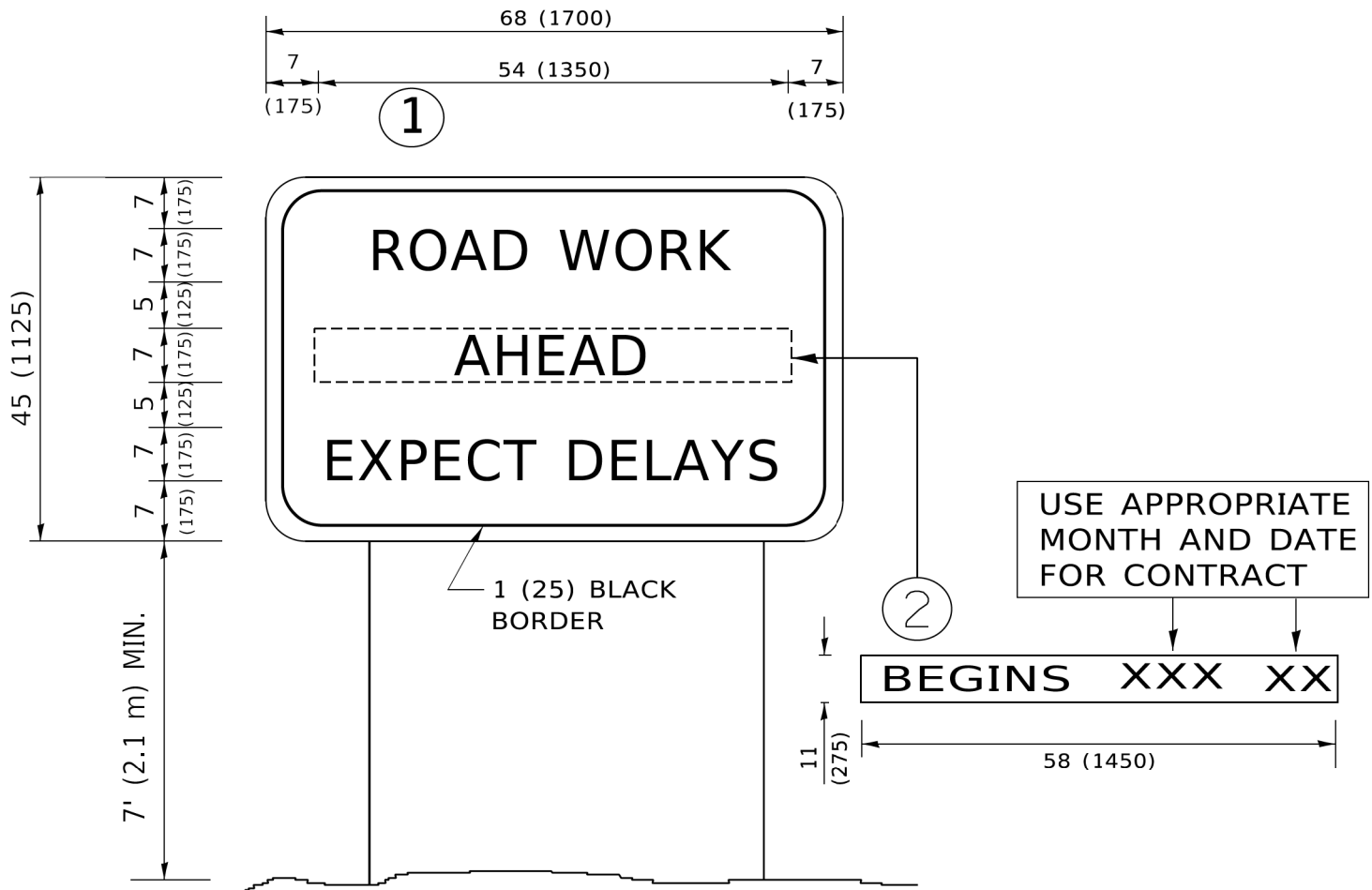
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PLOT SCALE = 50.0000 ' / ft.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
 INFORMATION SIGN

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

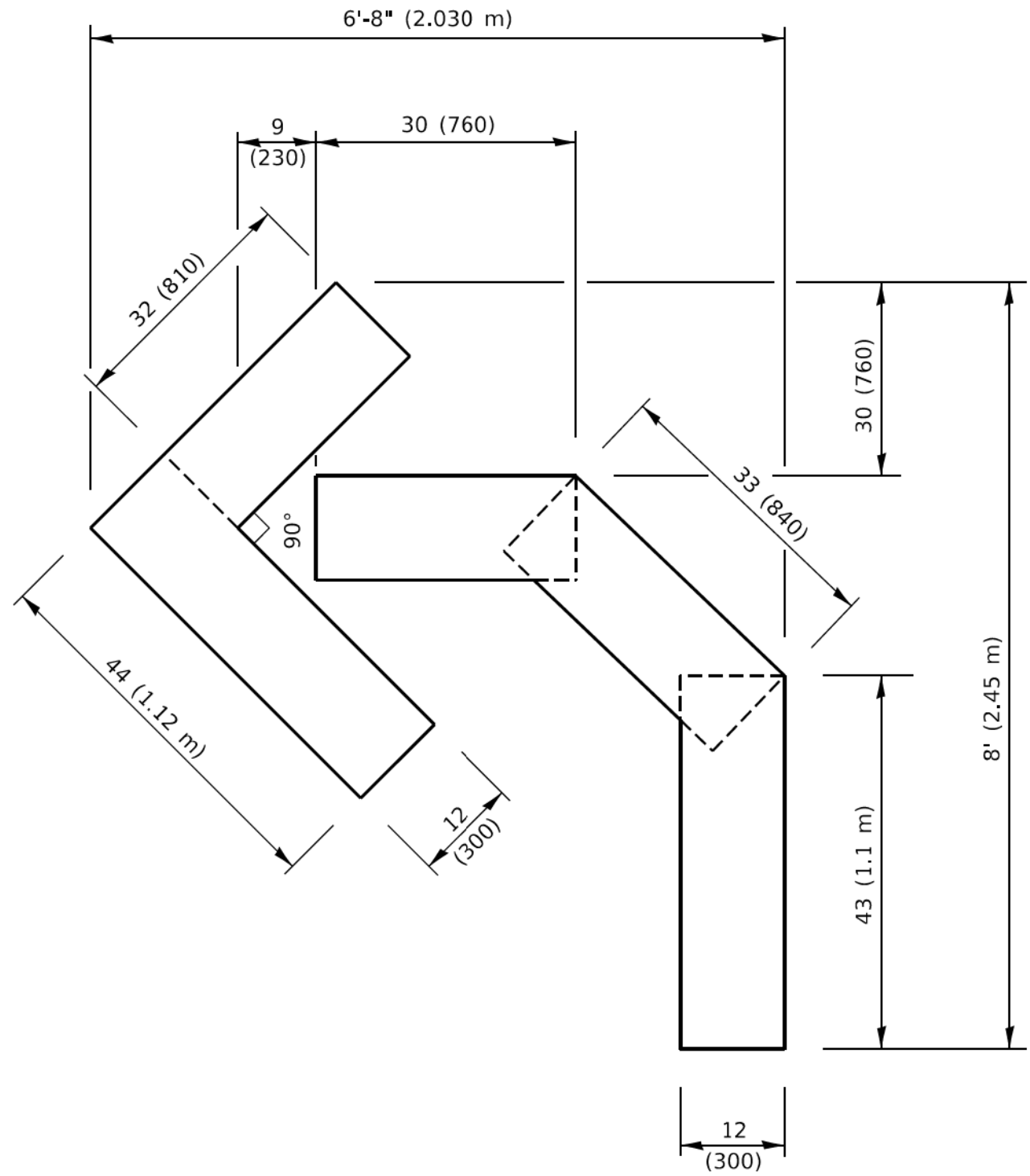
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TC-22		CONTRACT NO. 61L17		
ILLINOIS		FED. AID PROJECT		



NOTES:

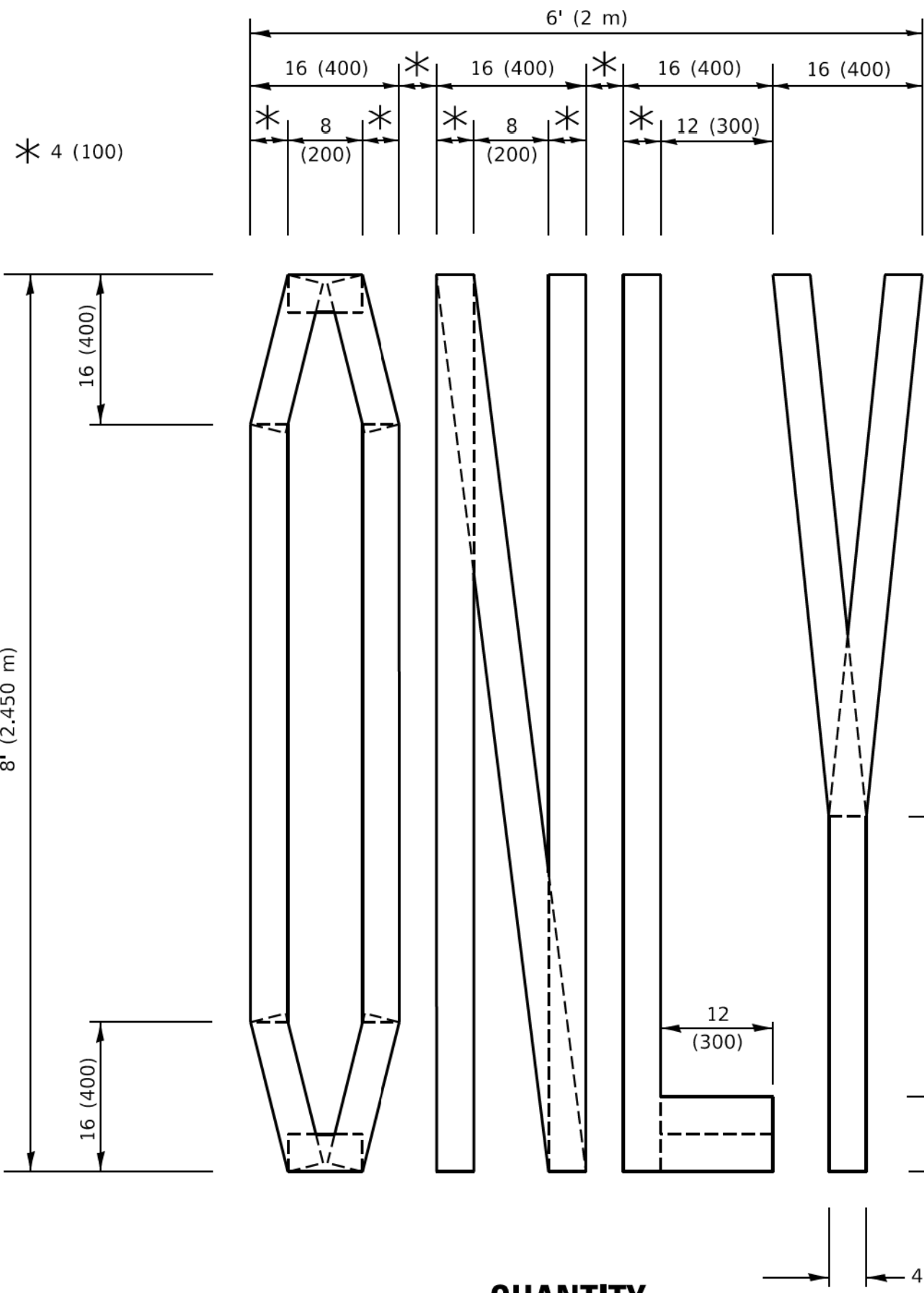
- USE BLACK LETTERING ON ORANGE BACKGROUND.
- ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.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

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



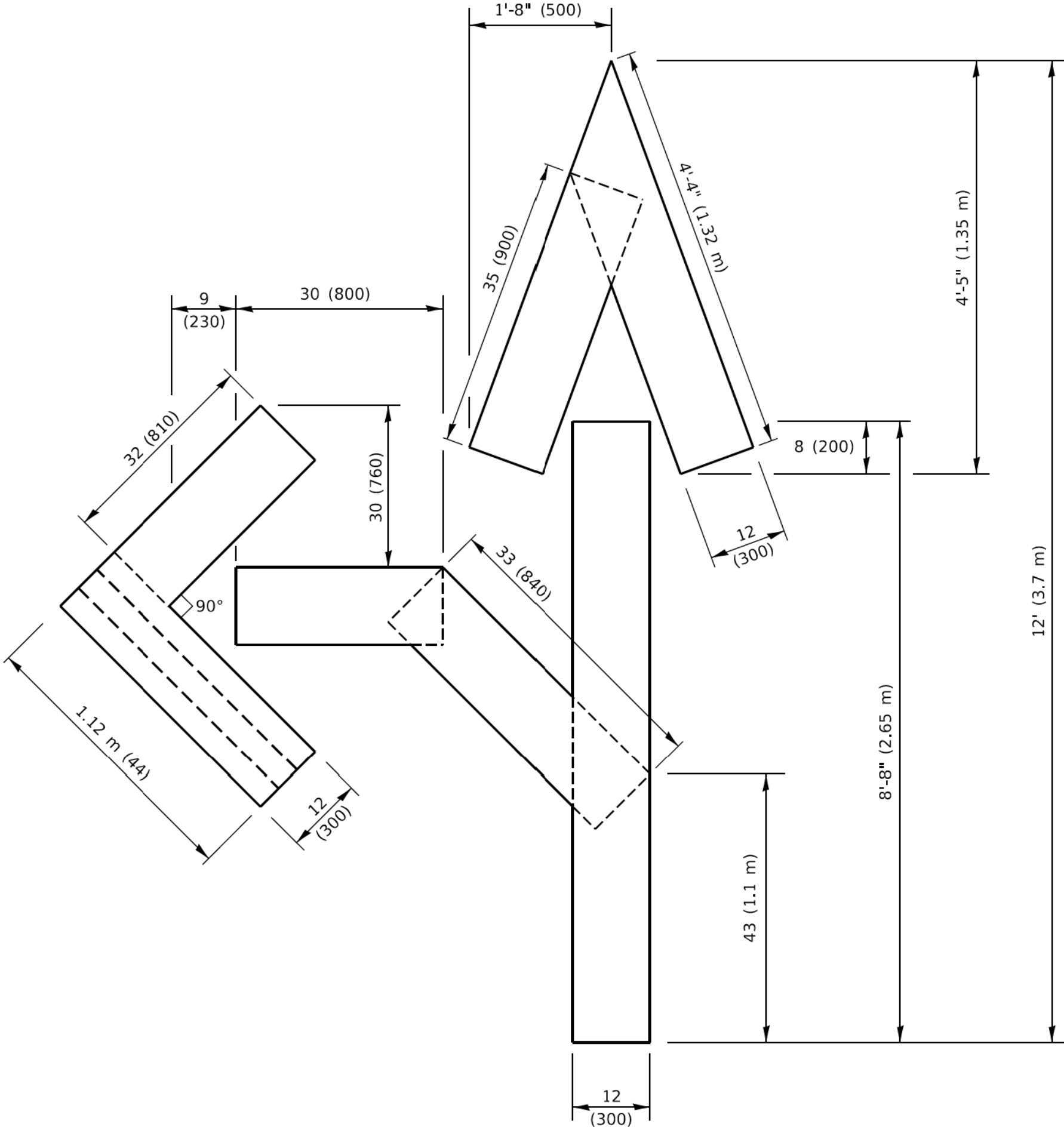
QUANTITY

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)

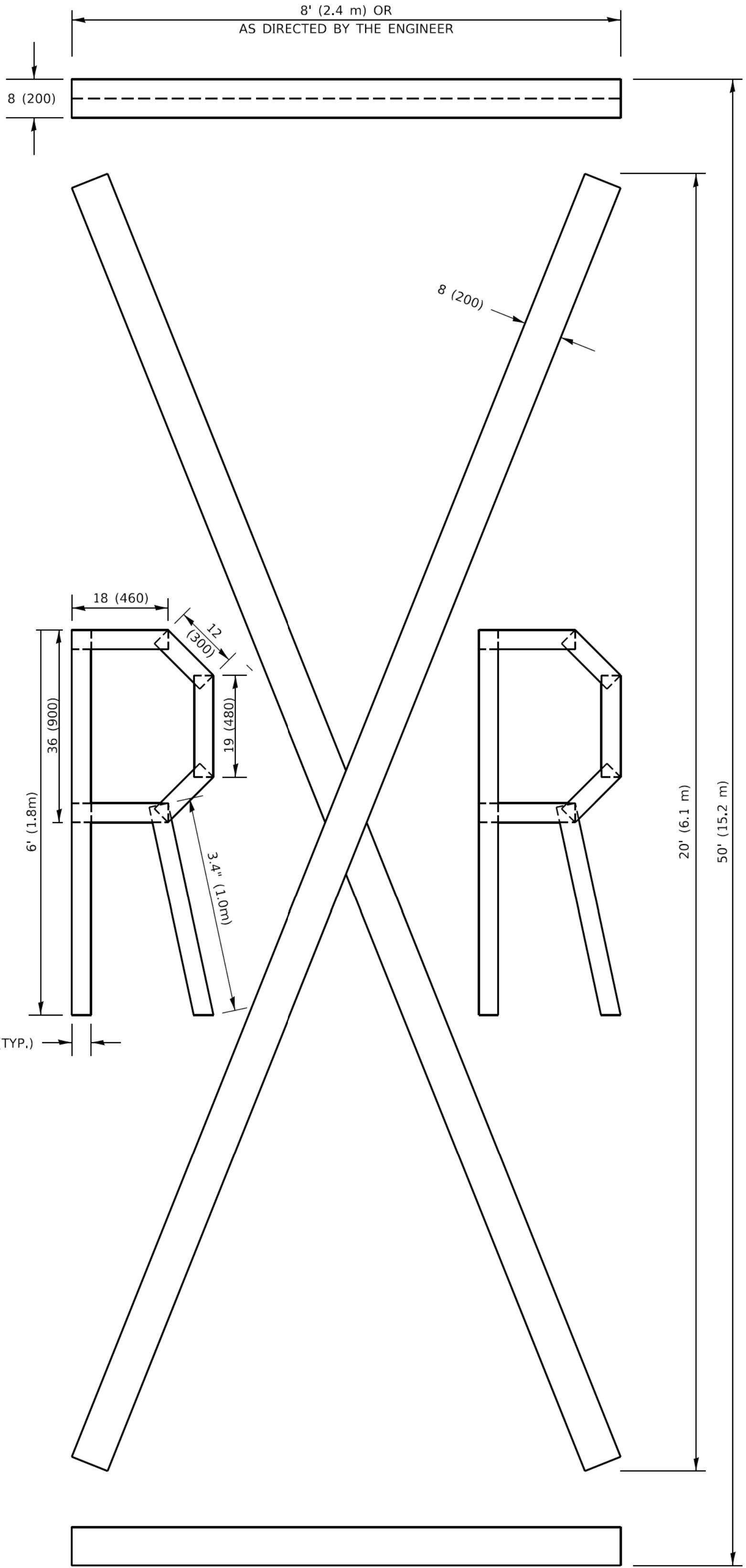


QUANTITY

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.

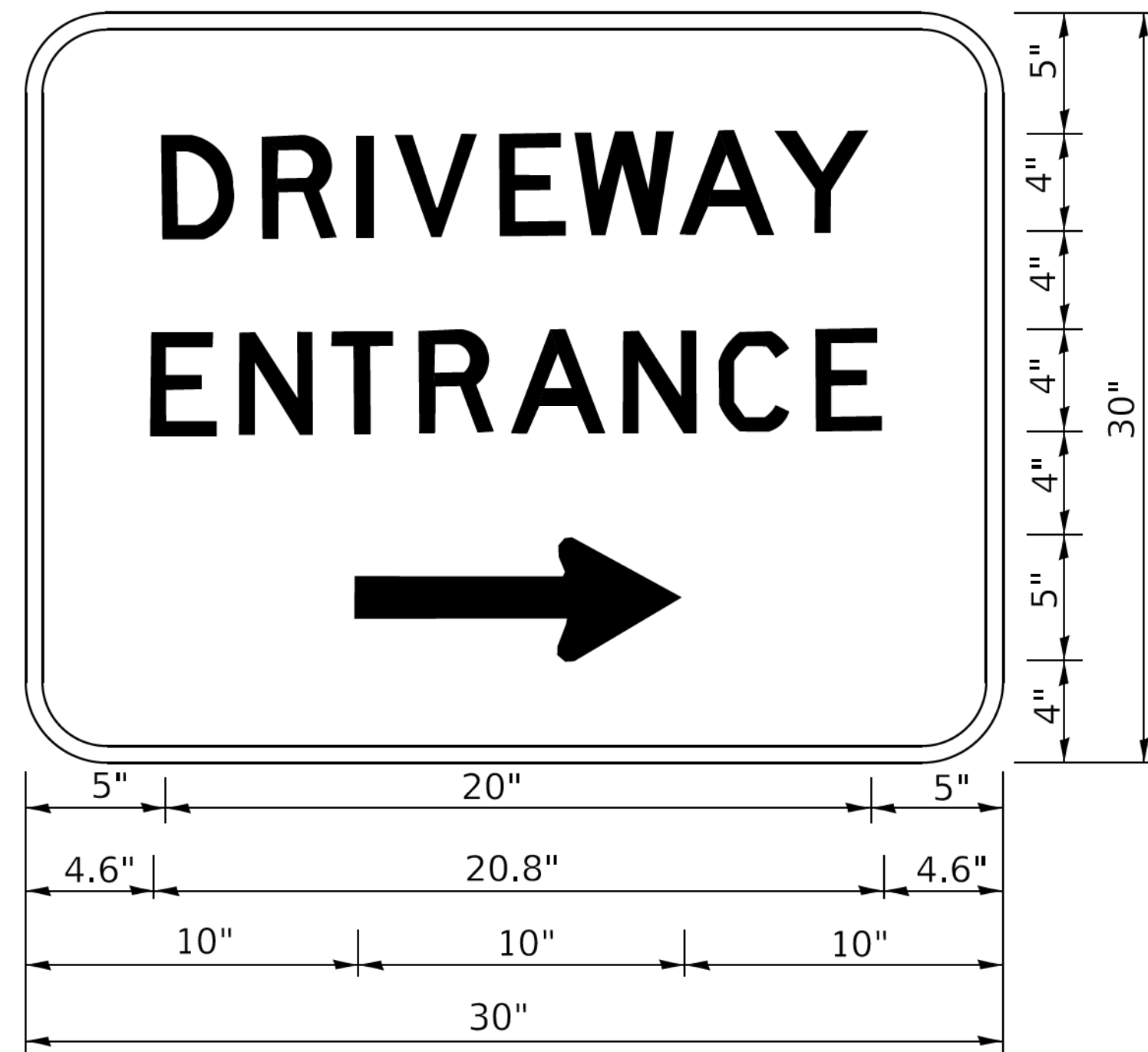
USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068" / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0201	22-00086-00-RS	LAKE	13	13g
TC-16		CONTRACT NO. 61L17		
		ILLINOIS	FED. AID PROJECT	



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

USER NAME = leysa	DESIGNED -	REVISED - C. JUCIUS 02-15-07
	DRAWN -	REVISED -
PLOT SCALE = 50,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0201	22-00086-00-RS	LAKE	13	13b
TC-26		CONTRACT NO. 61L17		
		ILLINOIS	FED. AID PROJECT	