04-27-12 LETTING ITEM 075

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE CITY OF ELGIN

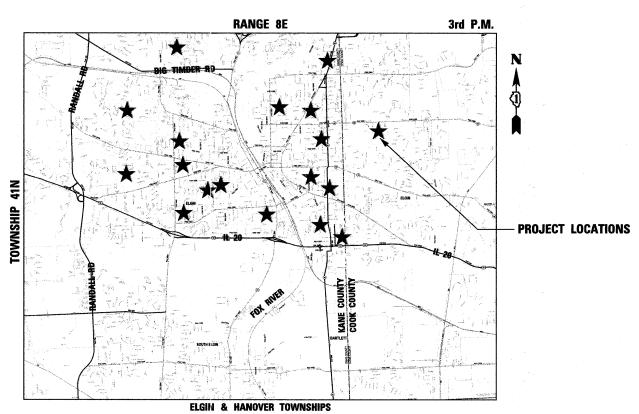
STATE OF ILLINOIS

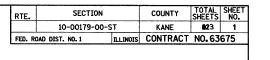
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

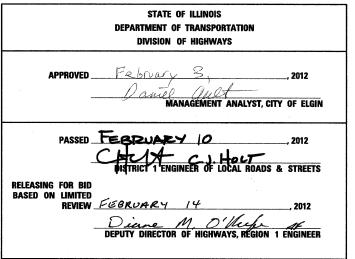
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

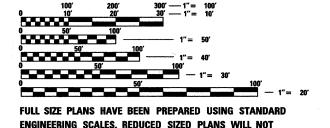
VARIOUS LIMITS
PAVEMENT MARKINGS
SECTION 10-00179-00-ST
PROJECT SRTS-4009(063)
CITY OF ELGIN
KANE & COOK COUNTIES
C-40-010-10











CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS

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

ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

DE 244133 PREGISTERED PROFESSIONAL ENGINEER OF LINOS

GREGORY J. CHISMARK, P.E.
ILLINOIS REG. PROFESSIONAL ENGINEER_NO. 062-044133

EXPIRATION DATE 11-30-2013

WILLS BURKE KELSEY ASSOCIATES LTD.

116 West Main Street, Suthe 201
St. Charles, Illinois 60174

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 63675

FICE ENGINEER: CHARLES F. RIDDLE, P.E. (847) 705–4406 SCHAUMBURG,

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GENERAL NOTES

GENERAL NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICAITONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED JANUARY 1, 2012, THE SUPPLEMENTAL SPECIFICAITONS AND RECURRINING SPECIAL PROVISIONS," ADOPTED JANUARY 1, 2012 AND THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD).

THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

UTILTIES

THE CONTRACTOR SHALL COORERATE WITH THE CITY OF ELGIN IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE CITY MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS. NO UNDERGROUND WORK IS SCHEDULED WITH THIS PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COORERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE DEPARTMENT DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S FXPENSF.

BEFORE STARTING ANY EXCAVATION. THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTIONS OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE ENGINEER, THIER AGENT OR AN AUTHROIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

WATER, STORM SEWER AND SANTIARY SEWER

WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES WILL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPERATELY BUT SHALL INCLUDED IN THE COST OF MOBILIZATION.

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AND IS INCLUDED IN THE COST OF MOBILIZATION.

MAINTENANCE OF TRAFFIC

ALL TRAFFIC CONTROL PROTECTION SHALL PAID FOR AS A LUMP SUM.

WILLS BURKE KELSEY ASSOCIATES LTD. 116 Wiset Main Street, Suite 201 St. Charles, Illinois 60174

USER NAME = nparris	DESIGNED -	REVISED - 2/15/12
	DRAWN -	REVISED -
PLOT SCALE = N/A	CHECKED -	REVISED -
PLOT DATE = 2/14/2012	DATE - 2/3/12	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	GENERAL NOTES, INDI	X & STANDARI	os	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					10-00179-00-ST	KANE	23	2
						CONTRACT	NO.636	575
4	SHEET NO. 2 OF 23 SHEE	S STA.	TO STA.	FED. ROA	AD DIST. NO. 1 ILLINOIS FED. AI	D PROJECT		

INDEX OF SHEETS

- 1 COVER SHEET 2 GENERAL NOTES, INDEX & STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4 PROPOSED PLAN ABBOTT MIDDLE SCHOOL
- 5 PROPOSED PLAN CENTURY OAKS ELEMENTARY SCHOOL
- 6 PROPOSED PLAN CHANNING ELEMENTARY SCHOOL
- 7 PROPOSED PLAN COLEMAN ELEMENTARY SCHOOL
- 8 PROPOSED PLAN CREEKSIDE ELEMENTARY SCHOOL
- 9 PROPOSED PLAN ELLIS MIDDLE SCHOOL
- 10 PROPOSED PLAN GARFIELD ELEMENTARY SCHOOL
- 11 PROPOSED PLAN HARRIET GIFFORD ELEMENTARY SCHOOL
- 12 PROPOSED PLAN HIGHLAND ELEMENTARY SCHOOL
- 13 PROPOSED PLAN HILLCREST ELEMENTARY SCHOOL
- 14 PROPOSED PLAN HUFF ELEMENTARY SCHOOL
- 15 PROPOSED PLAN KIMBALL MIDDLE SCHOOL 16 PROPOSED PLAN - LARSEN MIDDLE SCHOOL
- 17 PROPOSED PLAN LORDS PARK ELEMENTARY SCHOOL
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- 20 PROPOSED PLAN SHERIDAN ELEMENTARY SCHOOL 21 PROPOSED PLAN - WASHINGTON ELEMENTARY SCHOOL
- 22 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
- 23 DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)

HIGHWAY STANDARDS

000001-06	CTANDARD	CYMBOLS	ABBREVIATIONS	VMD	PATTERNS	
000001.00	SIANDAND	3 1 10 0 0 0 0 0	WDDIVE ATWITOID	MIND	1 7 1 1 1 1 1 1 1 1 1 1 1	

- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE , 2L, 2W, SHORT TIME OPERATIONS 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
- 701427 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER, FOR SPEEDS & 40 MPH
- 701601-07 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAERSABLE MEDIAN
- 701701-08 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-02 TRAFFIC CONTROL DEVICES
- 780001-03 TYPICAL PAVEMENT MARKINGS

DISTRICT STANDARDS

SCALE: N/A

- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS,
 - INTERSECTIONS, AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS

PVMT MARKING 0021 URBAN TOTAL QUANTITY CODE UNIT ITEM NO. 67100100 MOBILIZATION L SUM 78005100 EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS SQ FT 1,196 1,196 78005130 EPOXY PAVEMENT MARKING - LINE 6" 12,588 FOOT 12,588 FOOT 78005150 EPOXY PAVEMENT MARKING - LINE 12" 9,510 9,510 FOOT 4,485 78005180 EPOXY PAVEMENT MARKING - LINE 24" 4,485 78300100 PAVEMENT MARKING REMOVAL SQ FT 17,821 17,821

Projects\2010\100031 ElginSafeRte\cadd\Civil\Dgn\Sht\SO

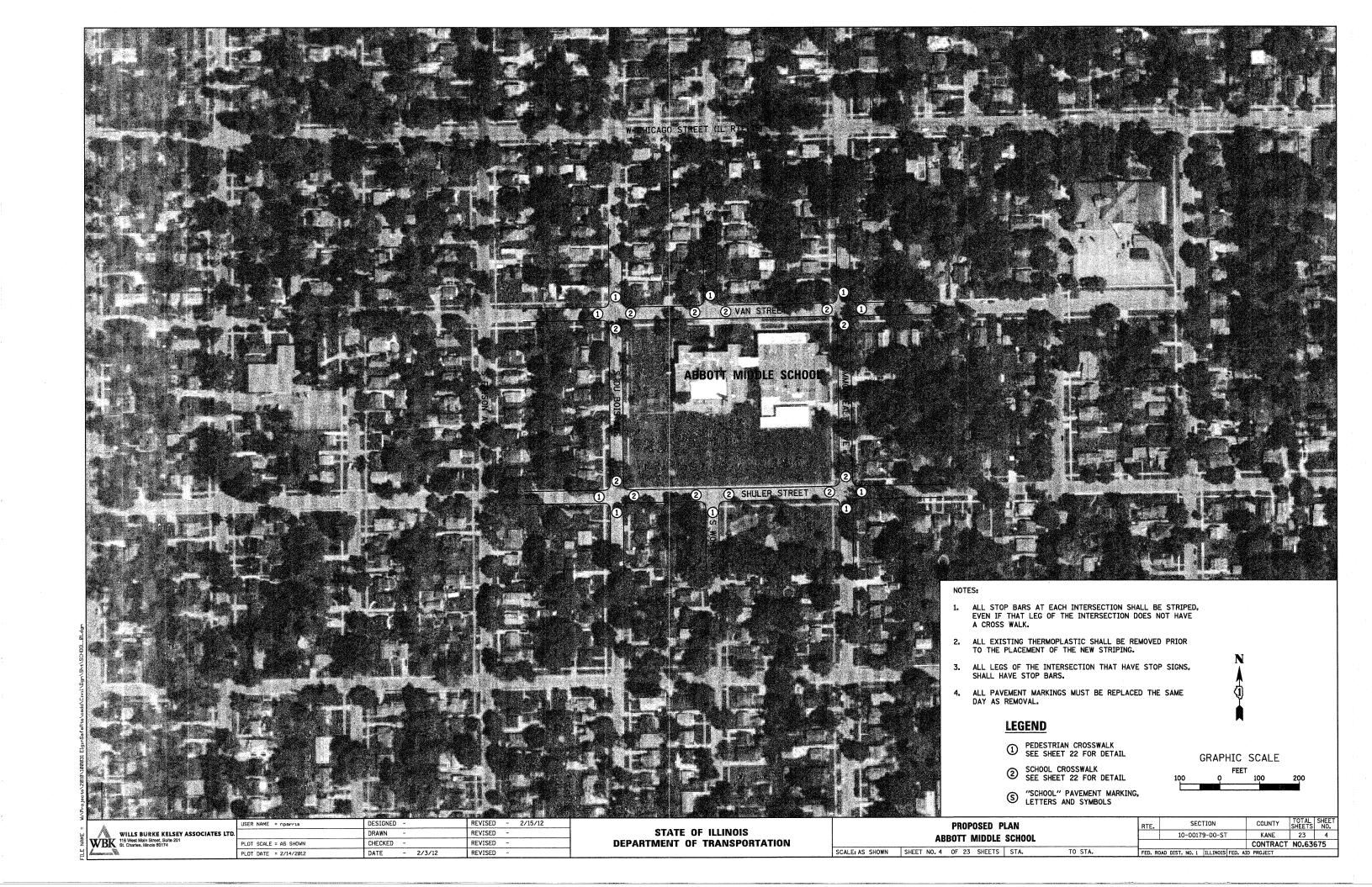
WILLS BURKE KELSEY ASSOCIATES LTD.
WBK 118 West Main Street, Suite 201
St. Charles, Illinois 60174

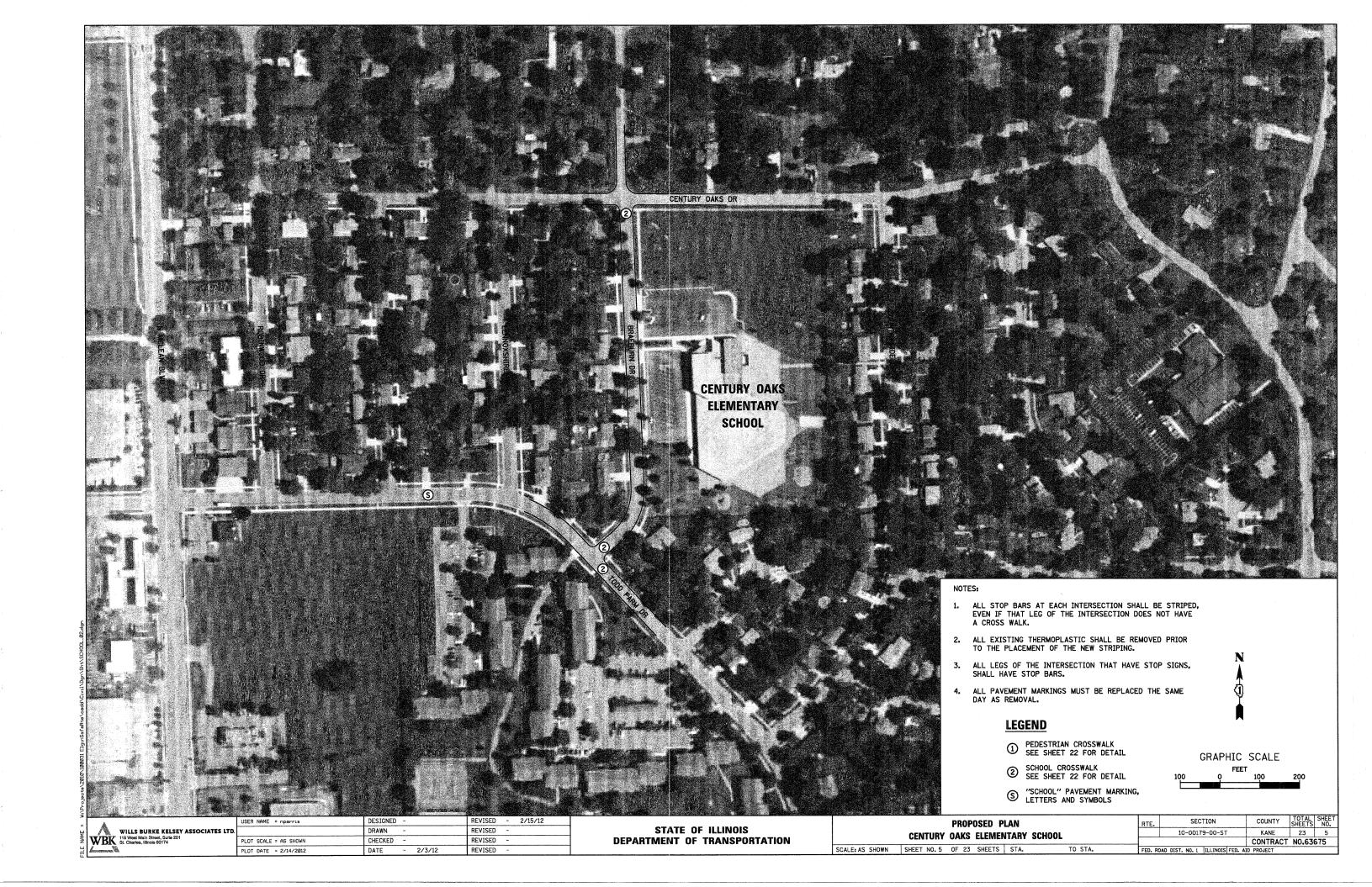
USER NAME = nparris	DESIGNED -	REVISED - 2/15/12
	DRAWN -	REVISED -
PLOT SCALE = N/A	CHECKED -	REVISED -
PLOT DATE = 2/14/2012	DATE: - 2/3/12	REVISED -

STATI	E OF	ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

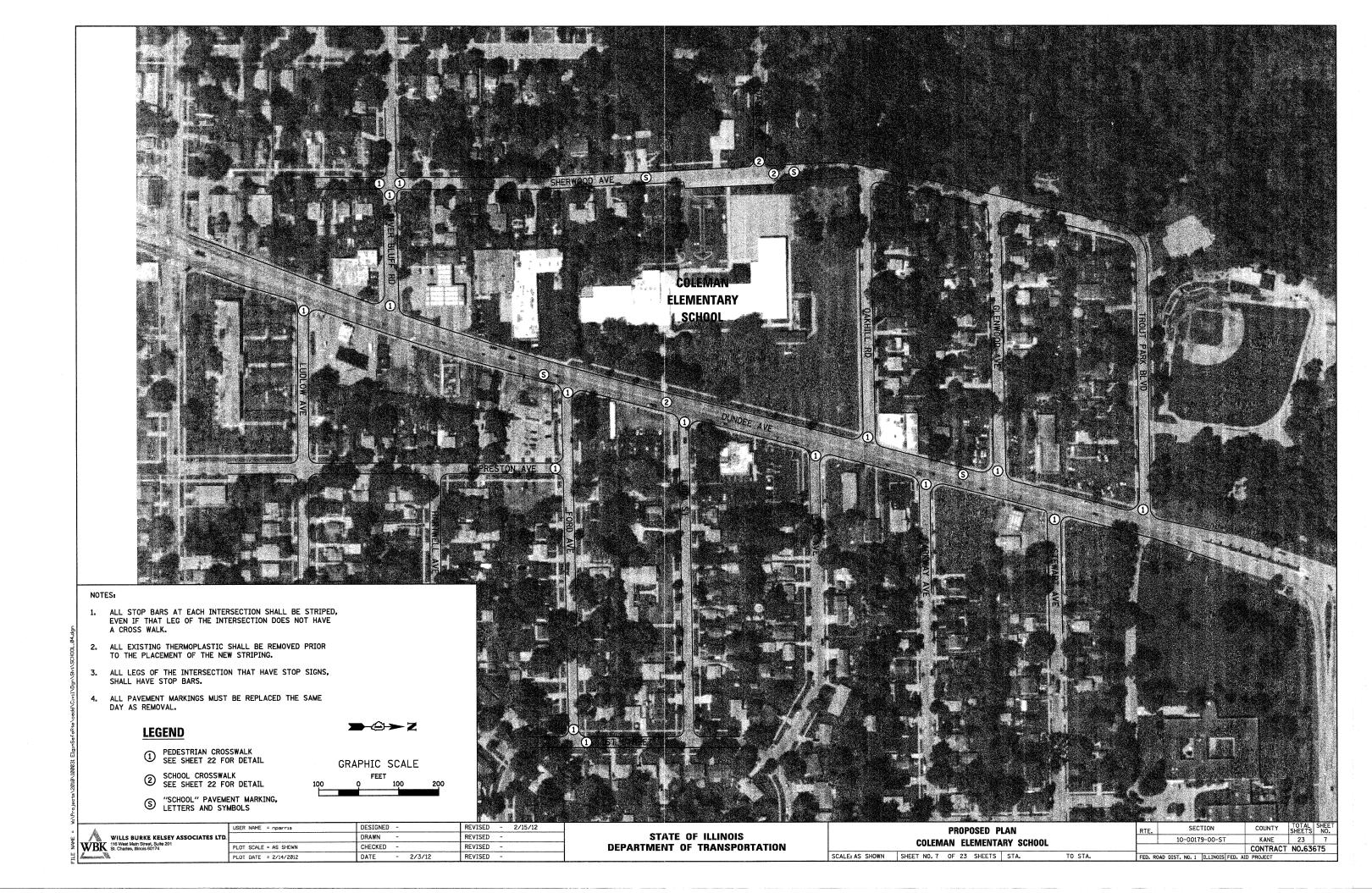
SUMMARY OF QUANTITIES				RTE.	SECTION	COUNTY	SHEETS	SHEET NO.		
·					10-00179-00-ST	KANE	23	3		
					·			CONTRACT	NO.63	675
I N/A	SHEET NO. 3	OF 23	SHEETS	STA.	TO STA.	FED. RO	DAD DIST. NO. 1 ILLINOIS FED. A	AID PROJECT		

CONSTR. CODE





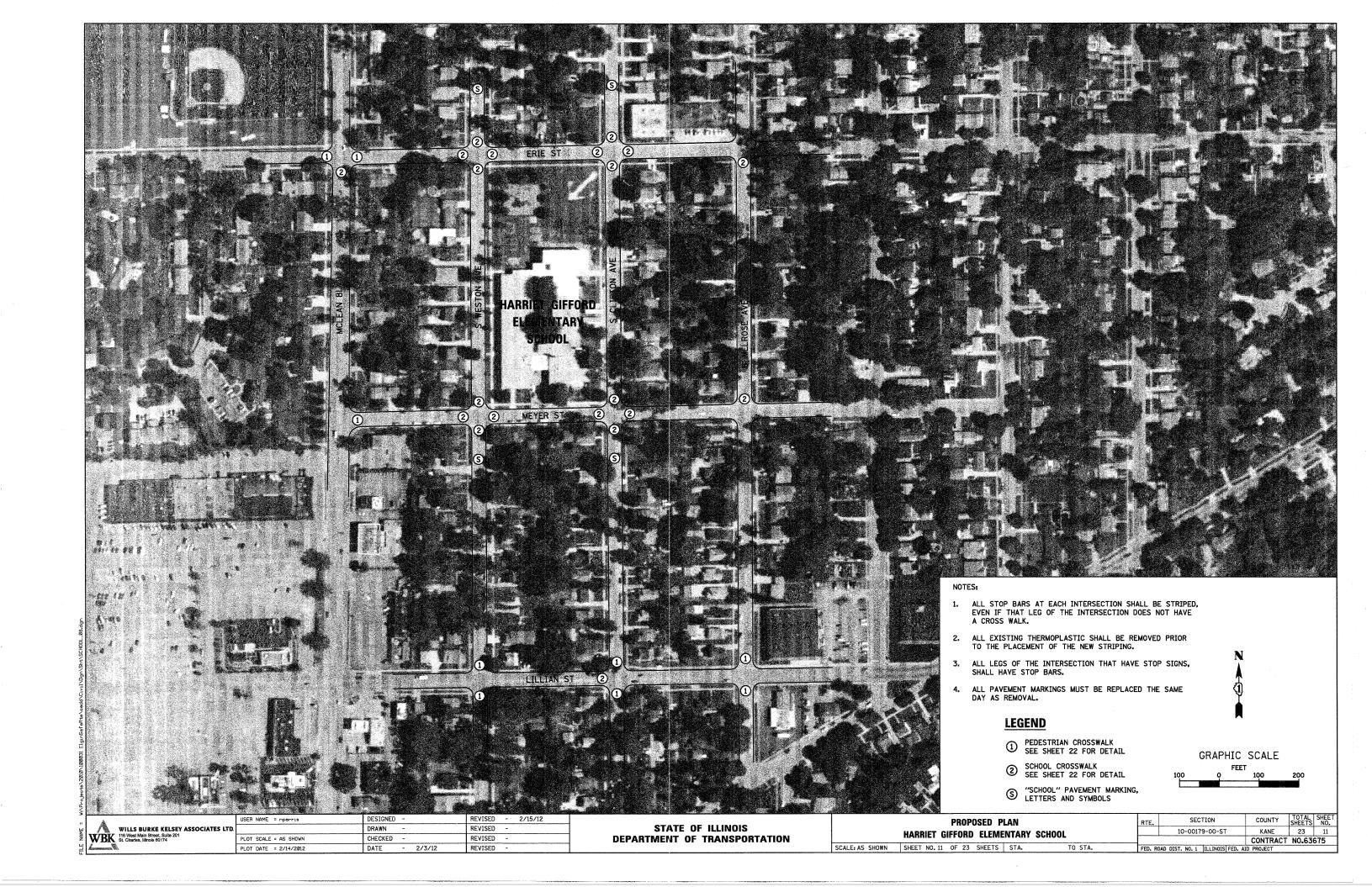




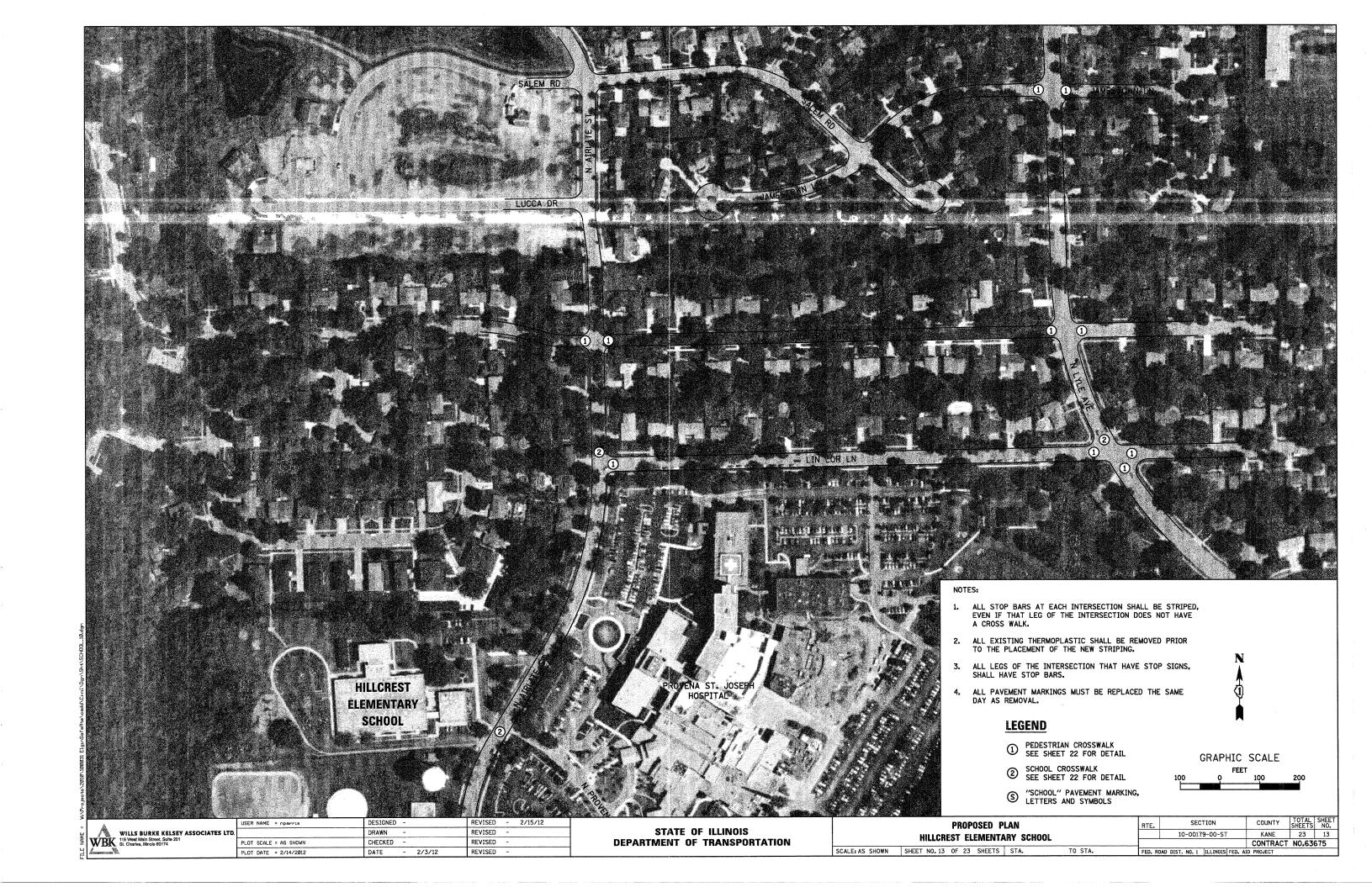










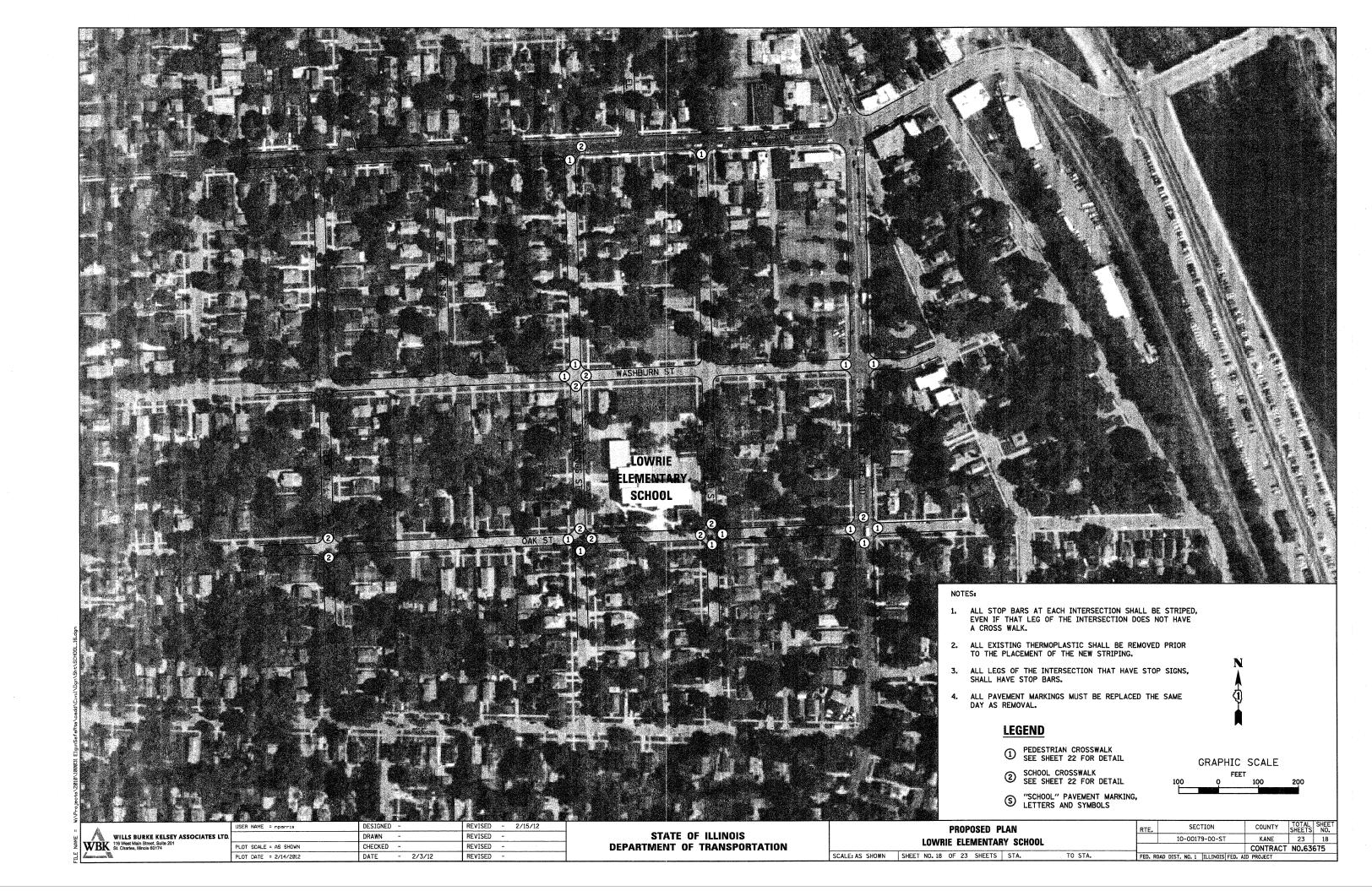


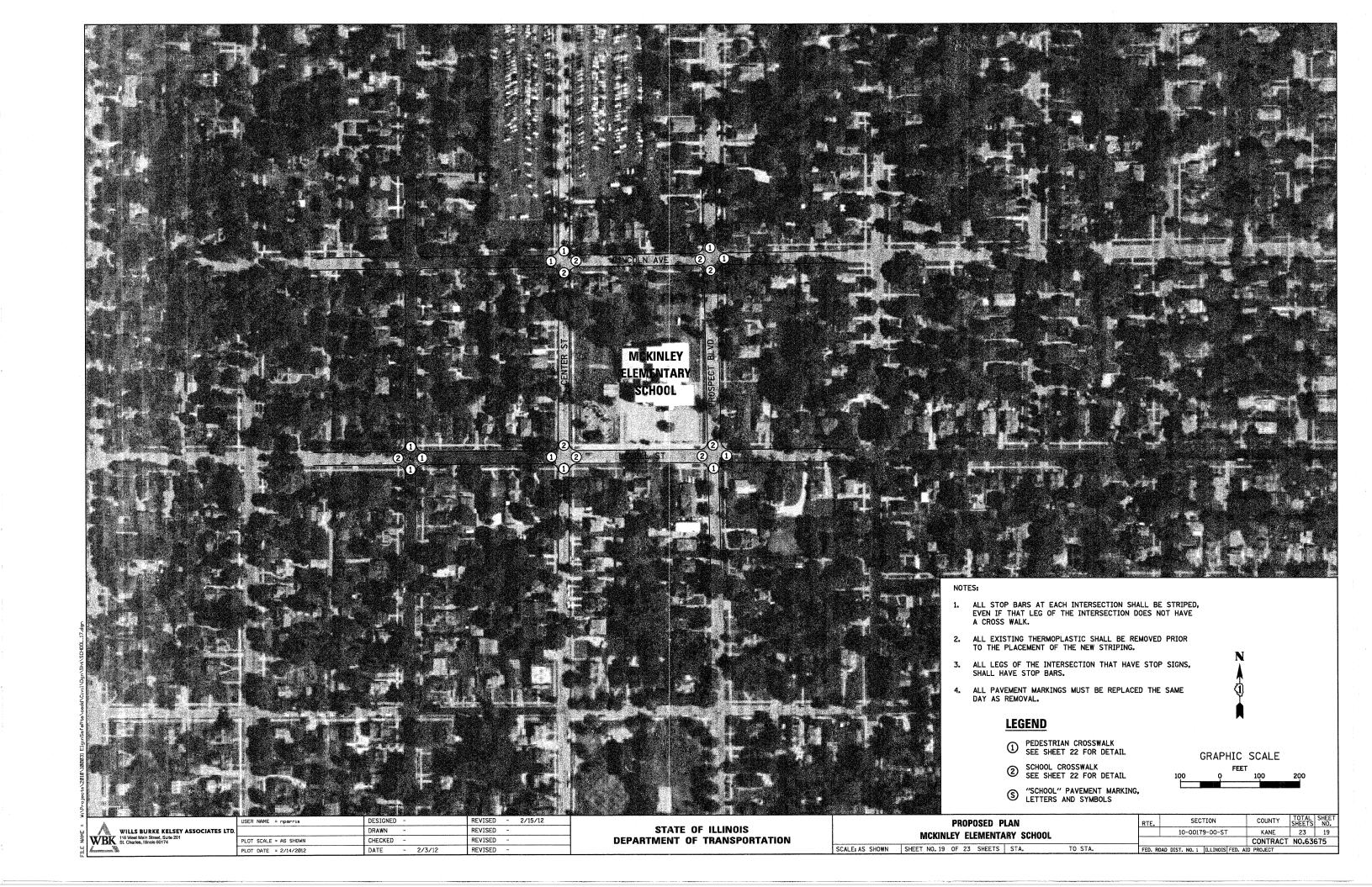


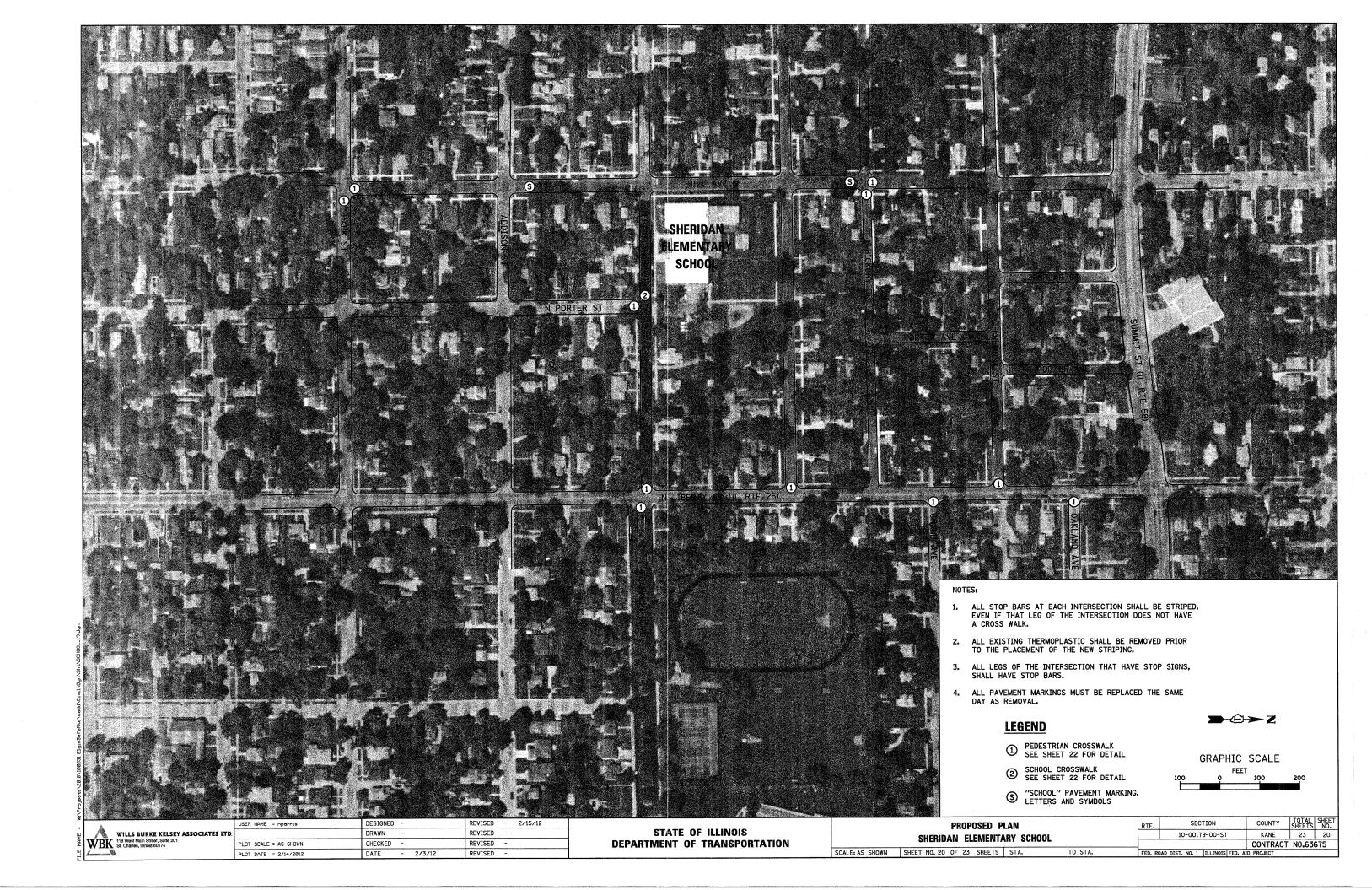


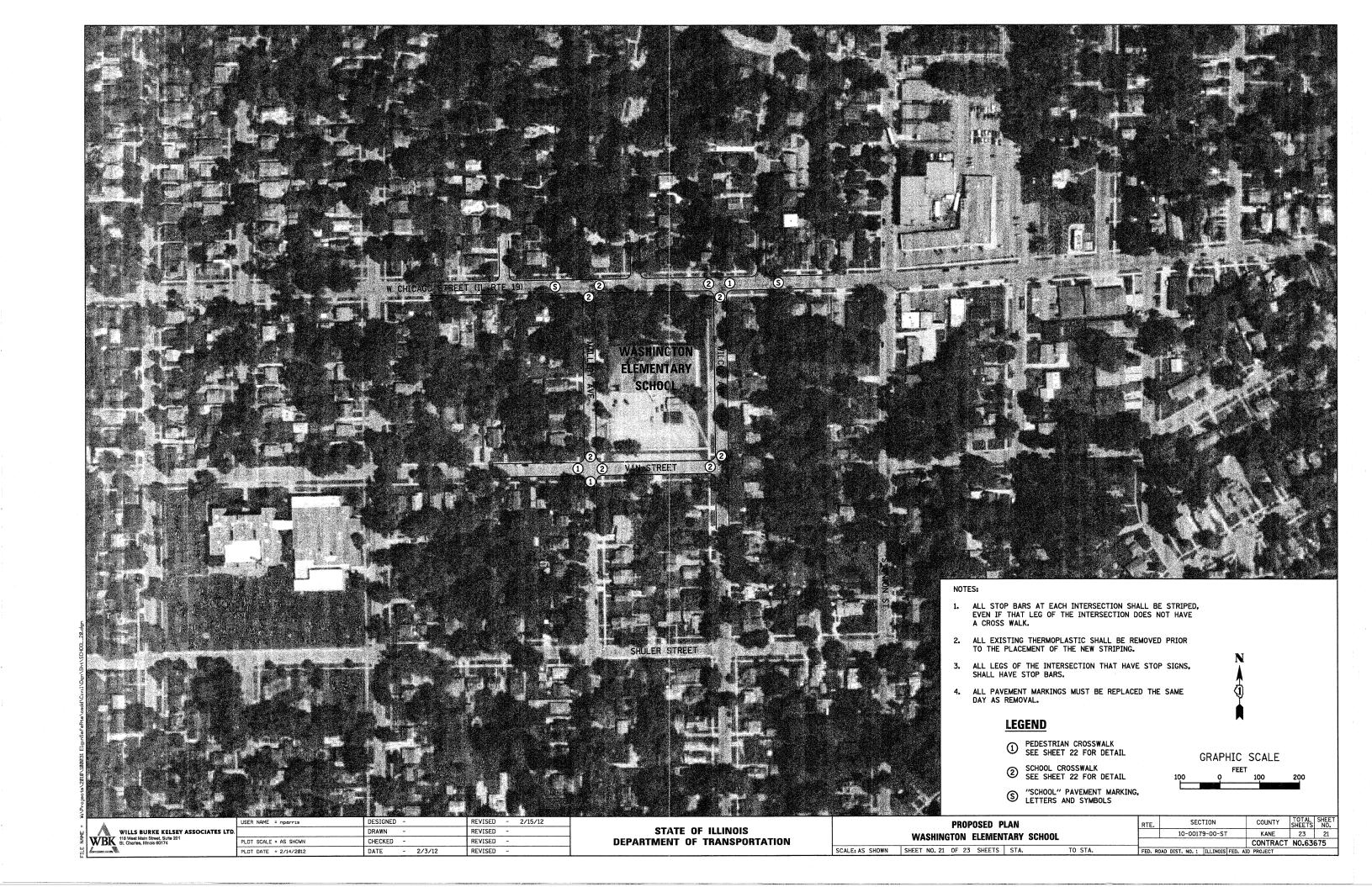


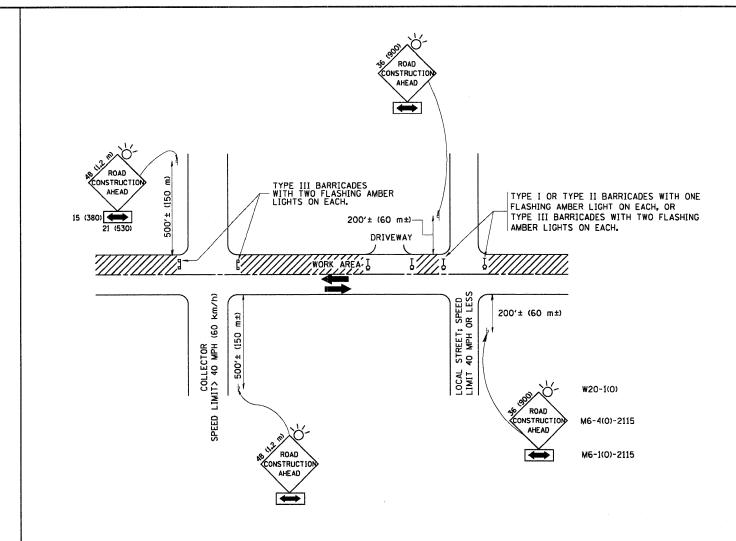












TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- 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:
- O) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG 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 1, 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:
- o) ONE ROAD CONSTRUCTION AHEAD SIGN 48 \times 48 (1.2 m \times 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- b) 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.
- 3, WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (MG-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (MG-4),

- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME = USER NAME = geglianebt DESIGNED - LHA REVISED - J. OBERLE 10-18-95
Wi\distatd\22x34\to10.dgn DRAWN - REVISED - A. HOUSEH 03-06-96
PLOT SCALE = 50.000 '/ IN. CHECKED - REVISED - A. HOUSEH 10-15-96
PLOT DATE = 2/14/2012 DATE - 06-89 REVISED - T. RAMMACHER 01-06-00

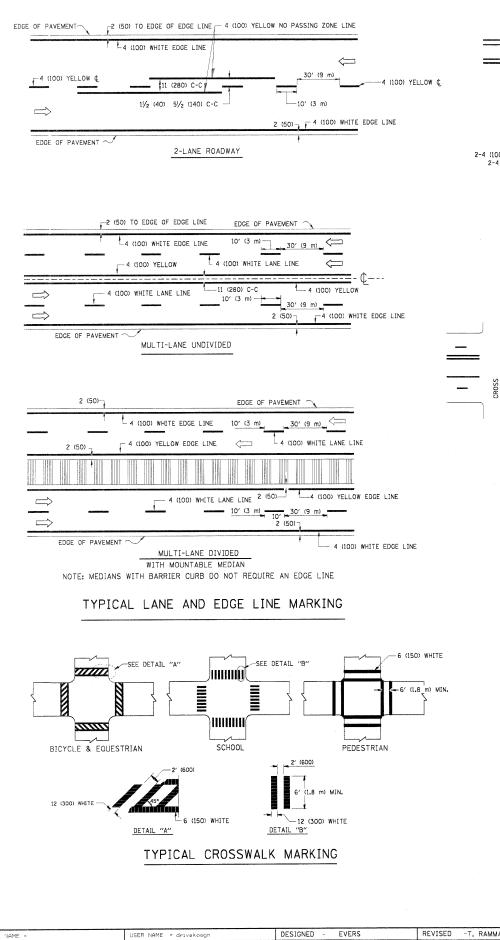
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

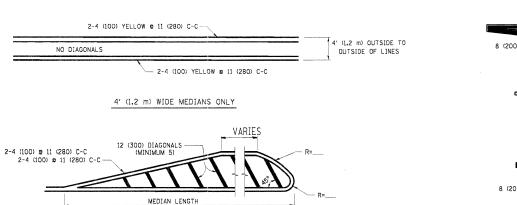
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

 RTE.
 SECTION
 COUNTY
 TOTAL SHEETS NO.

 10-00179-00-ST
 KANE
 23
 22

 TC-10
 CONTRACT
 NO.63675





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))

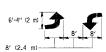
MEDIANS OVER 4' (1.2 m) WIDE _ 4 (100) YELLOW -4 (100) YELLOW LINES (51/2 (140) C-C) 4 (100) YELLOW LINES (51/2 (140) C-C) -2-4 (100) YELLOW @ 11 (280) C-C

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.

FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING

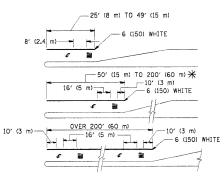
DIAGONAL LINES.

CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

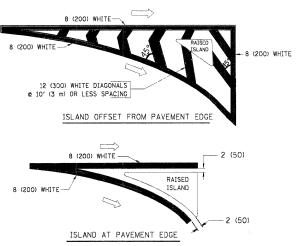


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. \P AREA = 15.6 SQ. FT. (1.5 m²) \P AREA = 20.8 SQ. FT. (1.9 m²)

* 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

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 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 1280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	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 MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
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	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	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' (500) APART 2' (500) 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 m 4 (100) WITH 12 (300) DIAGONALS m 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) T0 45MPH (70 km/h)) 30' (9 m) C-C (0VER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 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 m²) EACH "X"=54.0 SQ, FT. (5.0 m²)
SHOULDER DIAGONALS	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 (0VER 45MPH (70 km/h))

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)

	DISTRICT ONE TYPICAL PAVEMENT MARKINGS					SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						10-00179-00-ST	KANE	23	23
	ILLIOUR LAARINGO					TC-13	CONTRACT	NO.636	375
	SCALE: NONE	SHEET NO. 23 OF 23 SHEETS	STA.	TO STA.	FED. RO	DAD DIST. NO. 1 ILLINOIS FED. AI	D PROJECT	A-B-HA-A-A-B-A-A-A-A-A-A-A-A-A-A-A-A-A-A	

AME =	USER NAME = drivekosgm	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
ork\pwidot\drivekosgn\d0108315\to	[3.dgn	DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -
	PLOT DATE = 2/14/2012	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**