

04-27-12 LETTING ITEM 078

INDEX OF SHEETS

1. COVER SHEET, INDEX OF SHEETS
2. GENERAL NOTES & LIST OF STATE STANDARDS
3. SUMMARY OF QUANTITIES & TYPICAL SECTIONS
4. SIDEWALK AND SIGNAGE PLAN
5. SITE PLAN - PRATT AVENUE AND EAST PRAIRIE AVENUE TRAFFIC CALMING
6. SITE PLAN - EAST PRAIRIE AVENUE AND MORSE AVENUE TRAFFIC CALMING
- 7-8. DETAILS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

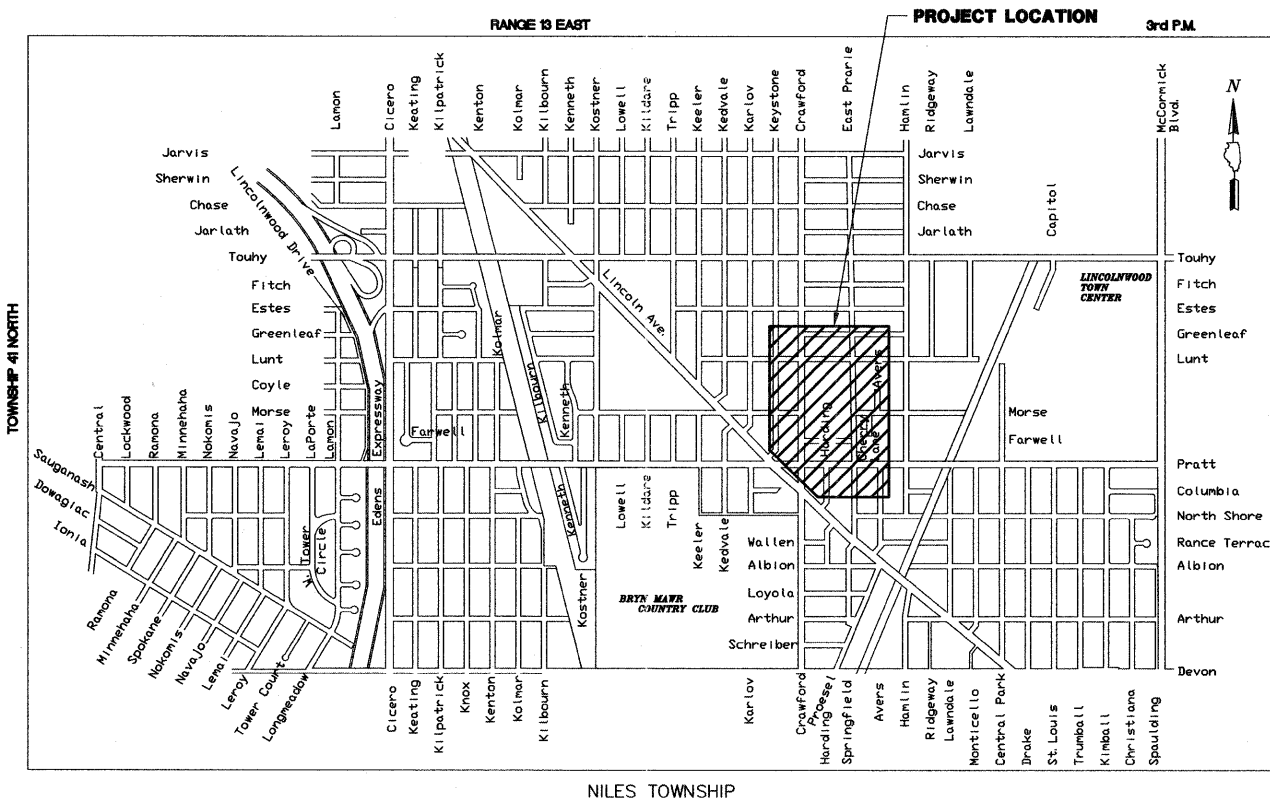
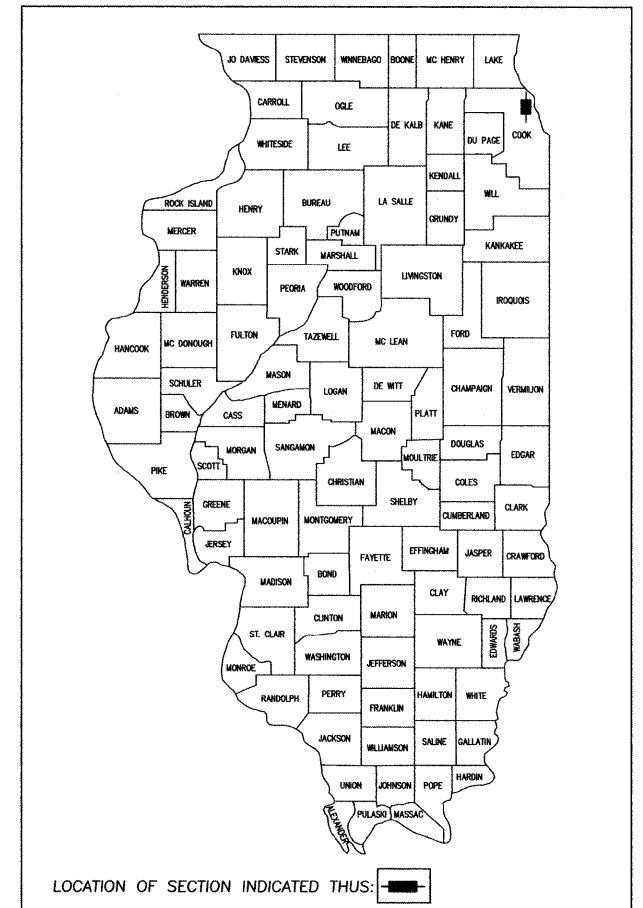
**PLANS FOR PROPOSED
SAFETY IMPROVEMENTS**

**VARIOUS LOCATIONS
SAFE ROUTE TO SCHOOLS**

**SECTION: 10-00055-00-SP
JOB NO. C-40-013-10
PROJECT NO. SRTS-4009(065)**

**VILLAGE OF LINCOLNWOOD
COOK COUNTY**

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	10-00055-00-SP	COOK	8	1
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 63685				



**LOCATION MAP
(NOT TO SCALE)**

PROJECT INFORMATION

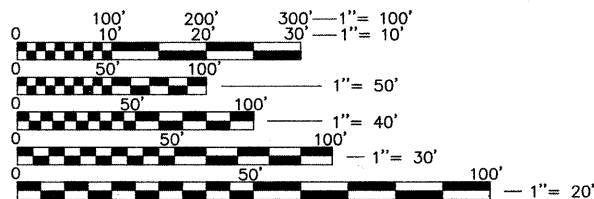
GROSS AND NET LENGTH = N/A
ADT = VARIES FROM 6,300 TO 13,000 VPD
POSTED SPEED LIMIT = VARIES FROM 25 TO 35 MPH
ROAD CLASSIFICATION = URBAN COLLECTOR

**PROJECT LOCATED IN THE
VILLAGE OF LINCOLNWOOD**

**GHA GEWALT HAMILTON
ASSOCIATES, INC.**

850 Forest Edge Drive ■ Vernon Hills, IL. 60061

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 BELOW SCALES MAY BE USED.



J.U.L.I.E.

JOINT
UTILITY
LOCATION
INFORMATION FOR
EXCAVATION
CALL 811



Know what's below.
Call before you dig.

CONTRACTOR IS RESPONSIBLE FOR CONTACTING J.U.L.I.E. AT 1-800-892-0123 AND MUST ACQUIRE A DIG NUMBER A MINIMUM OF 72 HOURS PRIOR TO ANY WORK BEING DONE.

CONTRACT NO. 63685

FILE NAME
9232.386 DT-1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED: *J. W. [Signature]* 2/2/12 2012
VILLAGE OF LINCOLNWOOD - VILLAGE MANAGER

PASSED: *FEBRUARY 21* 2012
C. [Signature] DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED REVIEW: *FEBRUARY 23,* 2012
Diane M. O'Keefe [Signature] DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

PROFESSIONAL ENGINEER'S SIGNATURE & SEAL

2/2/2012

STEVEN D. BEREZ, P.E.
EXPIRES: 11-30-13

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLER, P.E. (847)-705-4406 SCHAUMBURG, IL

GENERAL NOTES

A-1 THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, PROJECT SPECIFICATIONS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, MUNICIPALITY, ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERE SHALL GOVERN THIS WORK.

A-2 ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.

A-3 NO CONSTRUCTION PLANS SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED 'FOR CONSTRUCTION'. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEERS' LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

A-4 IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.

A-5 EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. 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.

A-6 SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.

A-7 THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE ENGINEER, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

A-8 WHENEVER, DURING CONSTRUCTION OPERATIONS, LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATION, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.

A-9 ALL CURB SHALL BE TIED TO THE EXISTING CONCRETE PAVEMENT. THE TIE BAR SHALL BE DRILLED A MINIMUM 6" INTO THE EXISTING CONCRETE BASE COURSE AND PROTRUDE A MINIMUM 6" IN THE NEW CONCRETE CURB AND GUTTER. TIE BARS SHALL BE #6 EPOXY COATED BARS AND PLACED 24" O.C.

STORM SEWERS, WATER MAINS, AND UTILITIES

B-1 THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING JULIE PRIOR TO THE START OF CONSTRUCTION.

B-2 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

B-3 THE VILLAGE OF LINCOLNWOOD SHALL BE NOTIFIED A MINIMUM 3 DAYS PRIOR TO THE START OF CONSTRUCTION AT 847-673-1540.

B-4 THE CONTRACTOR SHALL ENSURE THAT ALL WATER SYSTEM VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE TO THE VILLAGE FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.

TRAFFIC CONTROL

D-1 SEE TRAFFIC CONTROL HIGHWAY STANDARDS CONCERNING TRAFFIC CONTROL AND PROTECTION.

DEBRIS REMOVAL

MATERIALS RESULTING FROM THE REMOVAL OF ASPHALT SURFACES, UTILITY ADJUSTMENTS, RESTORATION WORK, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGEMENT OF THE VILLAGE, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE VILLAGE WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR SHALL BE BILLED (CHARGED) ACCORDINGLY.

WATER SUPPLY

THE INDISCRIMINATE USE OF FIRE HYDRANTS, EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE OTHER THAN HIS YARD. IF THE WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE CONTRACTOR PRIOR TO USE OF THE WATER.

DRIVEWAY CLOSING

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE VILLAGE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO SIDEWALK REPLACEMENT, AND/OR DRIVEWAY REPLACEMENT. AT LOCATIONS WHERE THE DRIVEWAY IS SCHEDULED TO BE REMOVED, THE CONTRACTOR SHALL CONTACT THE BUSINESS/HOMEOWNER 24 HOURS PRIOR TO REMOVING THE CURB, SIDEWALK, OR DRIVE APPROACH. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES. THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE A DRIVEWAY FOR MORE THAN 1 DAY UNDER UNLESS THE DRIVEWAY IS CLOSED FOR THE PURPOSE OF CURING CONCRETE PLACED AS A PART OF THIS CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE BARRICADES TO PREVENT TRAFFIC FROM USING THE DRIVEWAYS DURING THIS PERIOD.

STREET SWEEPING AND PREPARATION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING AND CLEANING STREETS OF ANY DEBRIS AND MATERIAL THAT HAS ACCUMULATED AS A RESULT OF THE CONSTRUCTION ACTIVITY. A MECHANICAL SWEEPER, MECHANICALLY DRIVEN AIR AND HANDWORK WITH SHOVEL AND BROOM SHALL BE UTILIZED TO PROVIDE A CLEAN STREET FOR THE MOTORING PUBLIC. WITHIN 24 HOURS OF PLACING PRIME COAT AND THE LAYING OF HMA, THE CONTRACTOR SHALL SWEEP THE PAVEMENT AND REMOVE STANDING WATER, EARTH, WEEDS, LEAVES, DIRT, CONSTRUCTION DEBRIS AND ALL LOOSE MATERIAL.

HIGHWAY STANDARDS:

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 424001-06 PERPENDICULAR CURB RAMPS
- 602001-02 CATCH BASIN TYPE A
- 604001-03 FRAME AND LIDS TYPE 1
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONC CURB AND GUTTER
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
- 701501-06 LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701601-07 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701602-05 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-08 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-08 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-02 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNT DETAILS
- 720006-03 SIGN PANEL ERECT DETAILS
- 720011-01 METAL POST FOR SIGNS MARKERS AND DELINEATORS
- 729001-01 APPLICATIONS OF TYPES A AND B POSTS
- 780001-03 TYPICAL PAVEMENT MARKINGS

DISTRICT 1 STANDARDS

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

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50, (IL 9.5 mm) 2"	4% @ 50 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50, (IL 9.5 mm) 3"	4% @ 50 GYR

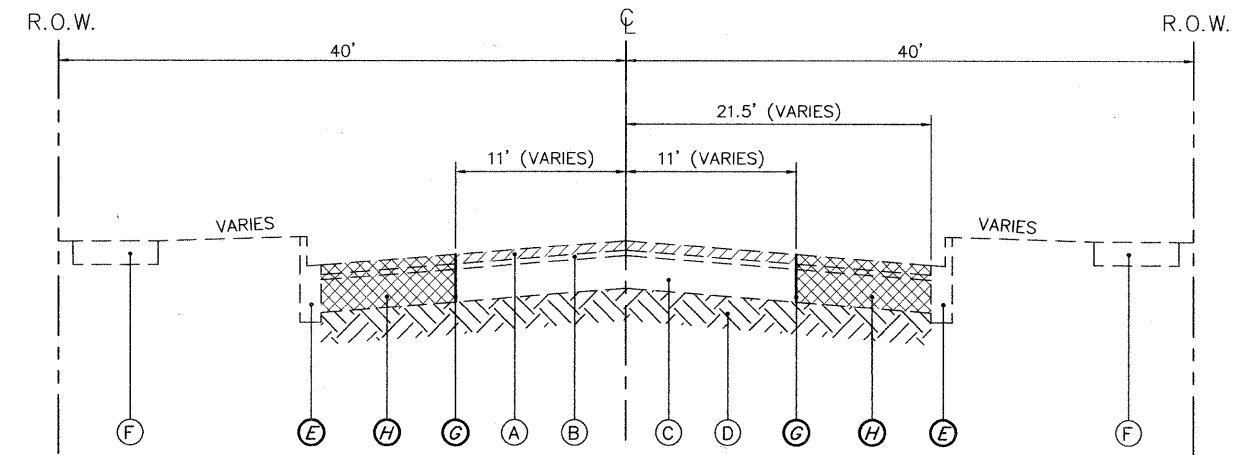
THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME = 9232.386 DT-1.dwg	USER NAME = BJW	DESIGNED - BJW	REVISED - 1/10/2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VILLAGE OF LINCOLNWOOD - SAFE ROUTE TO SCHOOLS GENERAL NOTES & LIST OF STATE STANDARDS			FAU RTE. N/A	SECTION 10-00055-00-SP	COUNTY COOK	TOTAL SHEETS 8	SHEET NO. 2
	PLOT SCALE = 1:1	DRAWN - BJW	REVISED - 2/20/2012					SCALE N.T.S. SHEET NO. 2 OF 8 SHEETS STA. TO STA.			CONTRACT # 63685	
	PLOT DATE = 1/10/2012	CHECKED - SDB	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 12/9/2011	REVISED -									

SUMMARY OF QUANTITIES

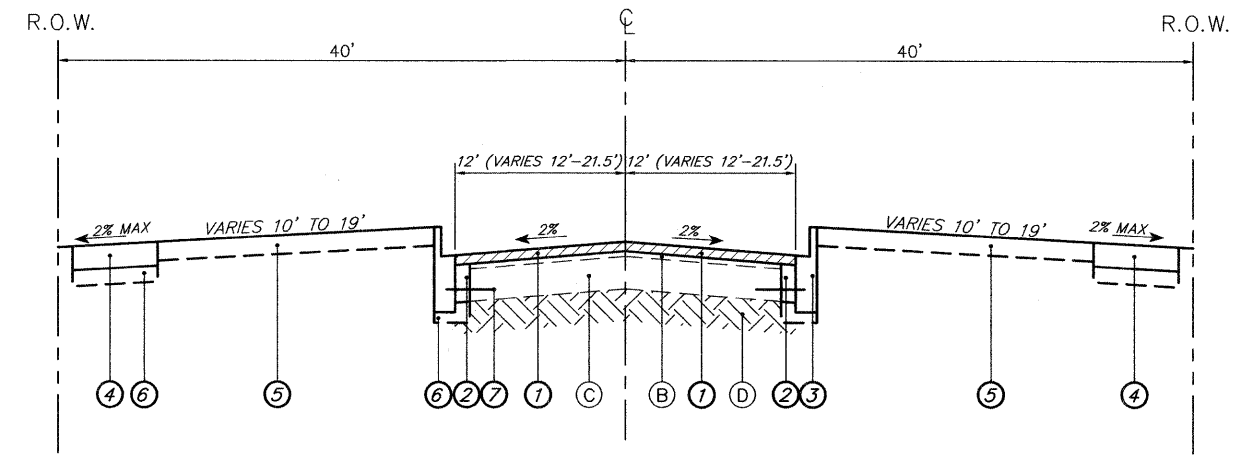
Code #	Item	Unit	Quantity	Code #	Item	Unit	Quantity
20200100	EARTH EXCAVATION	CU YD	45	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
20800150	TRENCH BACKFILL	CU YD	11	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1
28000500	INLET AND PIPE PROTECTION	EACH	16	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1
35101600	AGGREGATE BASE COURSE, TYPE B, 4"	SQ YD	310	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1
35300500	PORTLAND CEMENT CONCRETE BASE COURSE, 10"	SQ YD	125	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	65	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
40603335	HOT-MIX ASPHALT SURFACE COURSE, MX "D", N50	TON	95	* 72000100	SIGN PANEL - TYPE 1	SQ FT	150
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5"	SQ FT	5,300	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	10
42400800	DETECTABLE WARNINGS	SQ FT	400	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	5
44000100	PAVEMENT REMOVAL	SQ YD	400	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	150
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	775	* 72900100	METAL POST - TYPE A	FOOT	100
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	22	* 72900200	METAL POST - TYPE B	FOOT	50
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	890	* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	415
44000600	SIDEWALK REMOVAL	SQ FT	5,150	* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,000
44213204	TIE BARS 3/4"	EACH	540	* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,800
55082500	STORM SEWERS, RUBBER GASKET, CLASS B, TYPE 2 8"	FOOT	20	* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	475
55100300	STORM SEWER REMOVAL 8"	FOOT	10	78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,000
60200105	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	1
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	5	* 84200804	REMOVAL OF POLE FOUNDATION	EACH	1
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	X0325225	BRICK PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	115
60285700	VALVE VAULTS TO BE ADJUSTED	EACH	5	X2110104	TOPSOIL AND SOD FURNISH AND PLACE, 4" (SPECIAL)	SQ YD	350
60500050	REMOVING CATCH BASINS	EACH	7	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, (SPECIAL)	SQ FT	380
60500060	REMOVING INLETS	EACH	1	* X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	38
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,225	Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	40
67100100	MOBILIZATION	L SUM	1				

* SPECIALTY ITEMS



EXISTING TYPICAL CROSS SECTION

PRATT AVENUE



PROPOSED TYPICAL CROSS SECTION

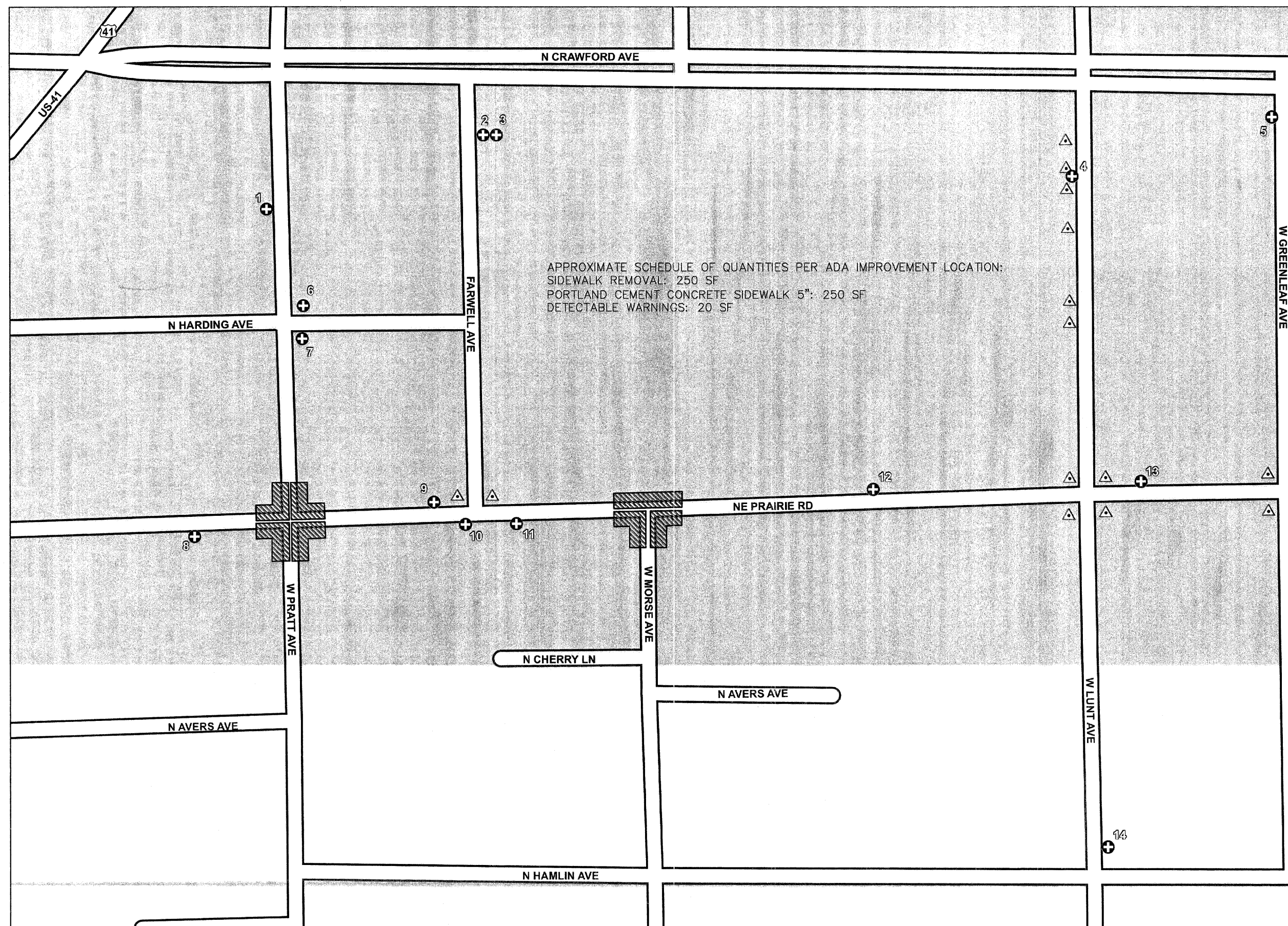
PRATT AVENUE
BUMPOUT LOCATION

EXISTING LEGEND

- (A) HMA SURFACE REMOVAL, 2"
- (B) EXISTING HMA PAVEMENT 2" & VARIES
- (C) EXISTING PCC PAVEMENT 8" & VARIES
- (D) EXISTING SUBGRADE
- (E) EXISTING B6.12 CC&G REMOVAL
- (F) EXISTING SIDEWALK
- (G) PROPOSED FULL DEPTH SAWCUT
- (H) FULL DEPTH PAVEMENT REMOVAL

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, 2"
- (2) PCC BASE COURSE, 10"
- (3) COMBINATION CONCRETE CURB & GUTTER, B6.12
- (4) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (5) TOPSOIL AND SOD RESTORATION
- (6) AGGREGATE BASE COURSE, 4"
- (7) NO. 6 EPOXY COATED TIE BAR



SIGN ID	MUTCD	SIZE
1	R7-1	12" x 18"
2	R1-1	36" x 36"
3	R5-1	36" x 36"
4	S4-3P	24" x 8"
	R2-1	30" x 36"
	S4-2P	24" x 10"
5	S4-3P	24" x 8"
	R2-1	30" x 36"
	S4-2P	24" x 10"
6	R1-1	36" x 36"
7	R3-2	36" x 36"
8	S1-1	36" x 36"
9	R7-1	12" x 18"
10	S4-3P	24" x 8"
	R2-1	30" x 36"
	S4-2P	24" x 10"
11	W3-1	30" x 30"
12	W3-1	30" x 30"
13	S1-1	36" x 36"
14	S4-3P	24" x 8"
	R2-1	30" x 36"
	S4-2P	24" x 10"

Legend

- New Road Sign
- ADA Improvement
- Bump Out

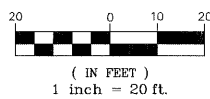
1 inch = 80 feet

0 40 80 160 Feet

DEMOLITION LEGEND

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- REMOVE AND REPLACE BRICK PAVEMENT DRIVEWAY
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- STRUCTURE REMOVAL
- CATCH BASIN REMOVAL
- INLET REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- FULL DEPTH SAW CUT

GRAPHIC SCALE



N



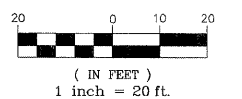
PLAN LEGEND

- HMA PAVEMENT HOT-MIX ASPHALT SURFACE COURSE, MIX D, NSD
- PORTLAND CEMENT CONCRETE BASE COURSE, 10"
- HMA RESURFACING HOT-MIX ASPHALT SURFACE COURSE, MIX D, NSD
- DRIVEWAY PAVEMENT 3"
- CONCRETE SIDEWALK PORTLAND CEMENT CONCRETE SIDEWALK, 5" & 8"
- COLORED CONCRETE SIDEWALK 5" PCC RED CONCRETE
- REMOVE AND REPLACE BRICK PAVEMENT DRIVEWAY
- COMB. CC&G TYPE B-6.12
- DEPRESSED CURB & GUTTER
- DETECTABLE WARNINGS

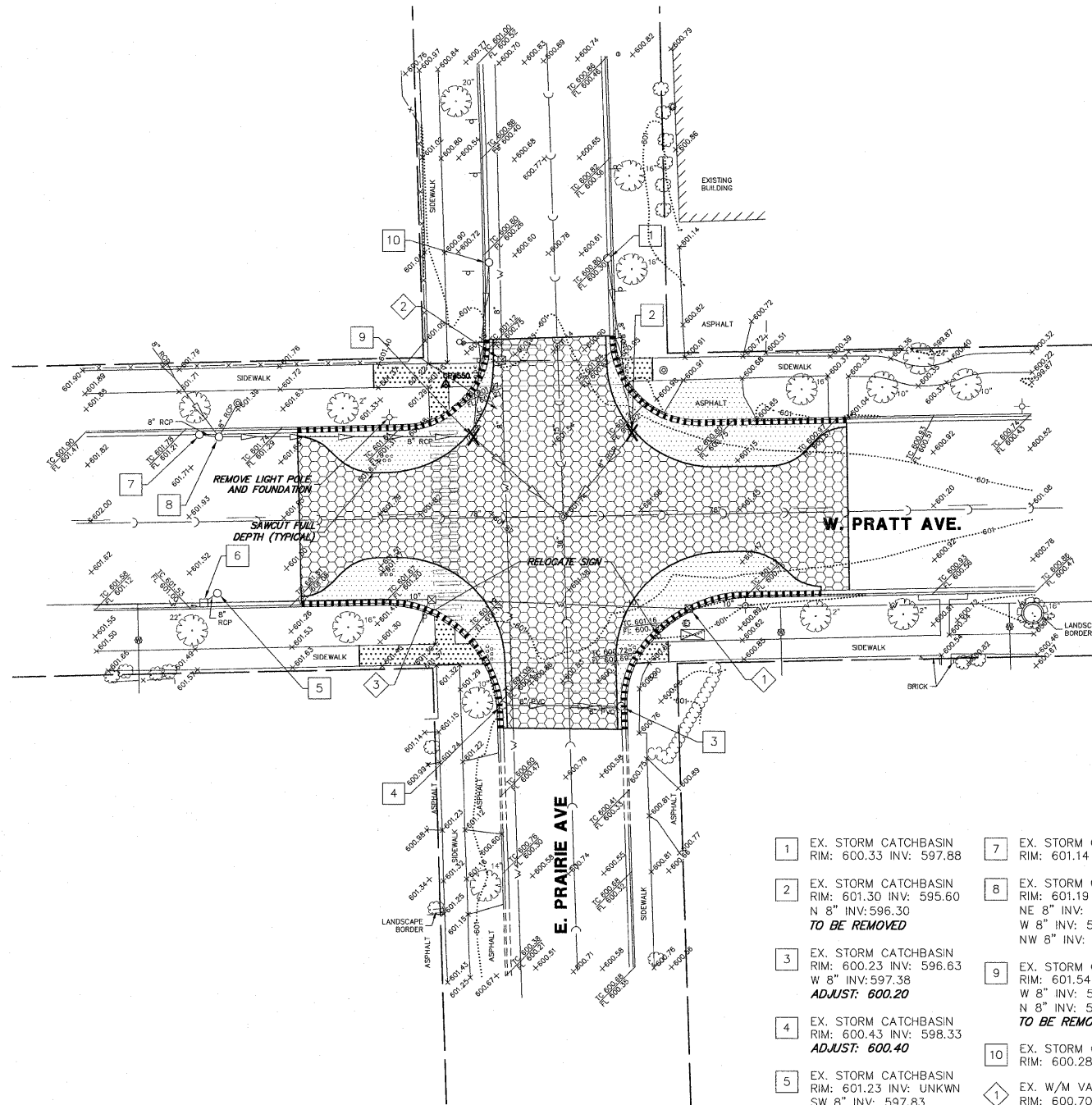
DRAINAGE & UTILITY PLAN LEGEND

- EXISTING COMBINED STRUCTURE
- EXISTING COMBINED SEWER
- EXISTING WATERMAIN STRUCTURE
- EXISTING WATERMAIN
- EXISTING STORM SEWER STRUCTURE
- EXISTING STORM SEWER
- PROPOSED STORM SEWER STRUCTURE
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER PIPE
- PROPOSED STORM SEWER CATCHBASIN
- PROPOSED STORM SEWER INLET

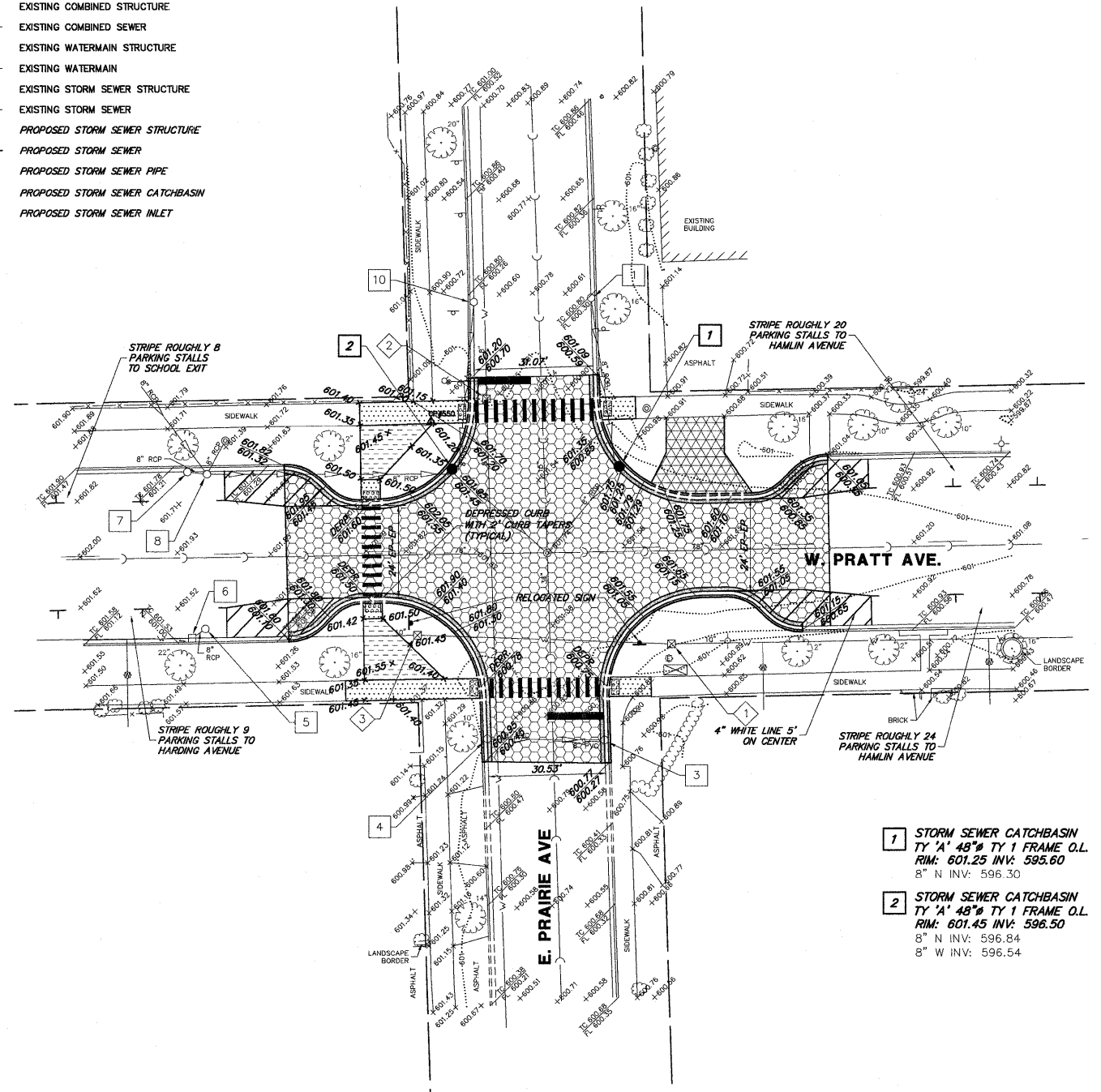
GRAPHIC SCALE



N



DEMOLITION PLAN



GEOMETRIC/GRADING PLAN

- | | |
|--|--|
| 1 EX. STORM CATCHBASIN
RIM: 600.33 INV: 597.88 | 7 EX. STORM CATCHBASIN
RIM: 601.14 INV: 598.79 |
| 2 EX. STORM CATCHBASIN
RIM: 601.30 INV: 595.60
N 8" INV: 596.30
TO BE REMOVED | 8 EX. STORM CATCHBASIN
RIM: 601.19 INV: UNKWN
NE 8" INV: 598.19
W 8" INV: 598.24
NW 8" INV: 598.24 |
| 3 EX. STORM CATCHBASIN
RIM: 600.23 INV: 596.63
W 8" INV: 597.38
ADJUST: 600.20 | 9 EX. STORM CATCHBASIN
RIM: 601.54 INV: UNKWN
W 8" INV: 596.54
N 8" INV: 596.84
TO BE REMOVED |
| 4 EX. STORM CATCHBASIN
RIM: 600.43 INV: 598.33
ADJUST: 600.40 | 10 EX. STORM CATCHBASIN
RIM: 600.28 INV: 597.78 |
| 5 EX. STORM CATCHBASIN
RIM: 601.23 INV: UNKWN
SW 8" INV: 597.83 | 1 EX. W/M VALVE VAULT
RIM: 600.70 T/P: 595.80
ADJUST: 601.20 |
| 6 EX. STORM CATCHBASIN
RIM: 601.00 INV: 597.95 | 2 EX. W/M VALVE VAULT
RIM: 600.95 T/P: 595.60 |
| | 3 EX. W/M VALVE VAULT
RIM: 601.24 T/P: 595.34
ADJUST: 601.55 |

- | |
|---|
| 1 STORM SEWER CATCHBASIN
TY 'A' 48" TY 1 FRAME O.L.
RIM: 601.25 INV: 595.60
8" N INV: 596.30 |
| 2 STORM SEWER CATCHBASIN
TY 'A' 48" TY 1 FRAME O.L.
RIM: 601.45 INV: 596.50
8" N INV: 596.84
8" W INV: 596.54 |

FILE NAME = 9232.386 PR-2 (IDOT).dwg

USER NAME = BJW
DESIGNED - BJW
DRAWN - BJW
CHECKED - SDB
DATE - 12/9/2011

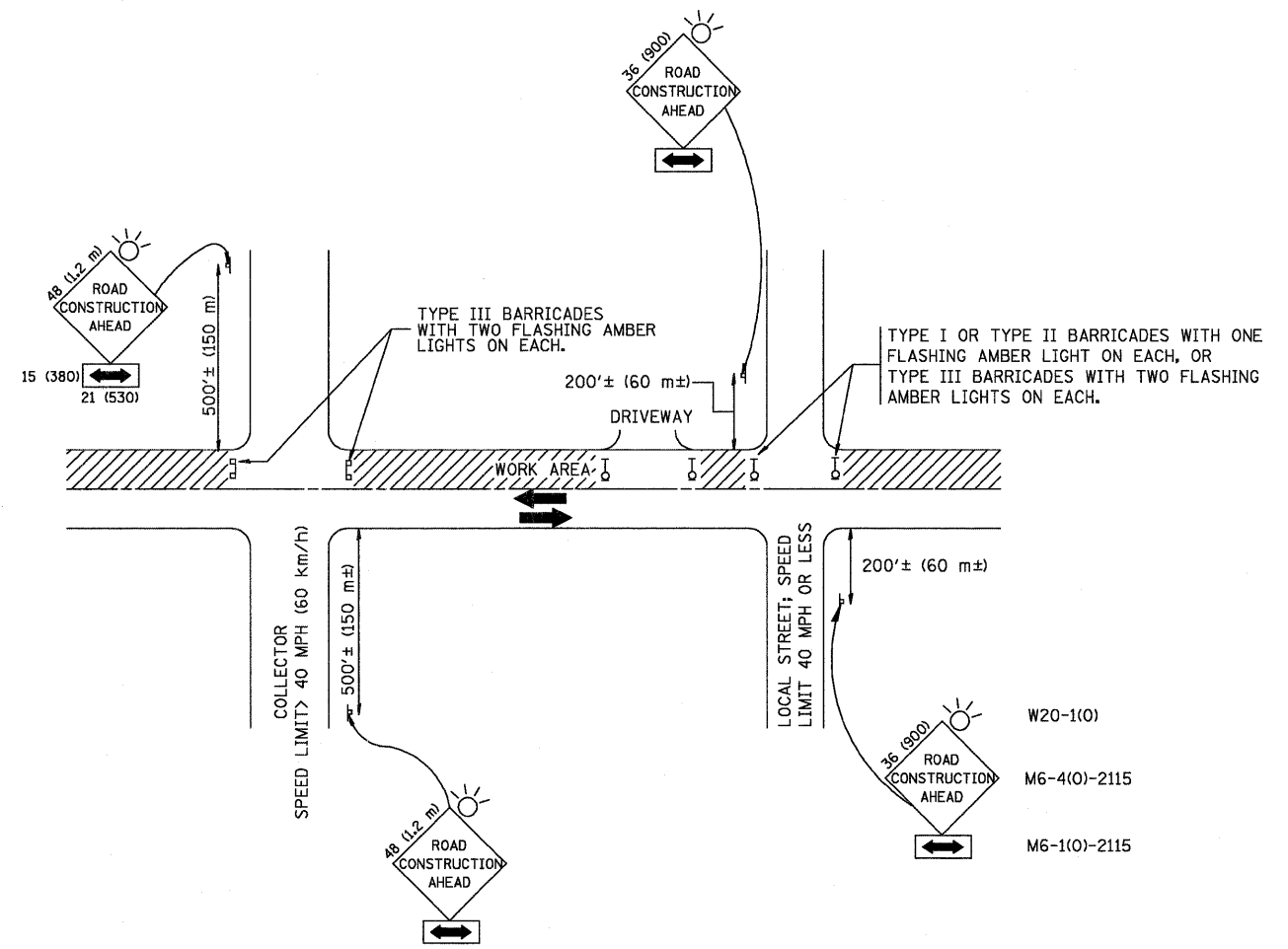
REVISED - BJW - 2/2/2012
REVISED - BJW - 2/21/2012
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF LINCOLNWOOD - SAFE ROUTE TO SCHOOLS
PRATT & EAST PRAIRIE TRAFFIC CALMING

SCALE 1"=20' SHEET NO. 5 OF 8 SHEETS STA. N/A TO STA. N/A

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	10-00055-00-SP	COOK	8	5
CONTRACT #: 63685				
ILLINOIS FED. AID PROJECT				



NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
- 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 AND FLAG 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.
 - 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).
- 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 = 9232.386 DT-1.dwg	USER NAME = BJW	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
PLOT DATE = 1/10/2012		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

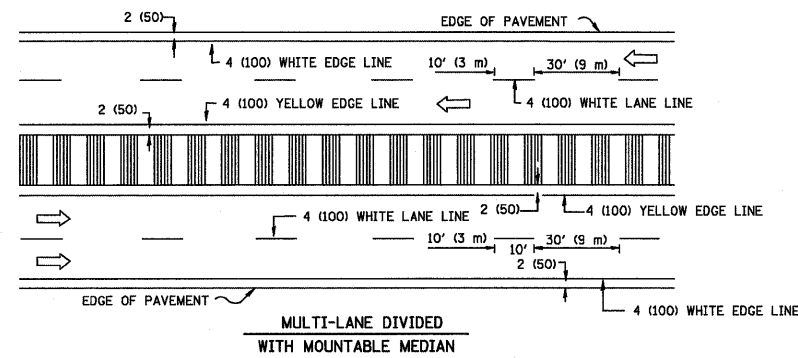
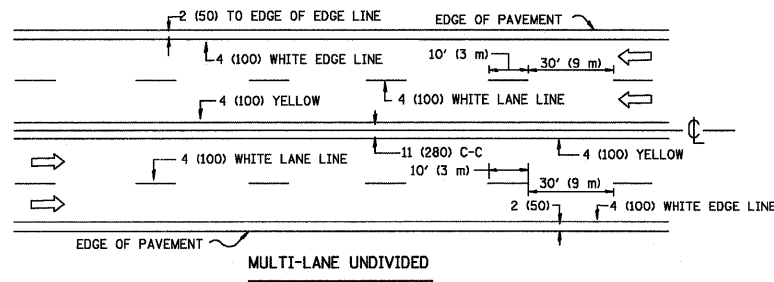
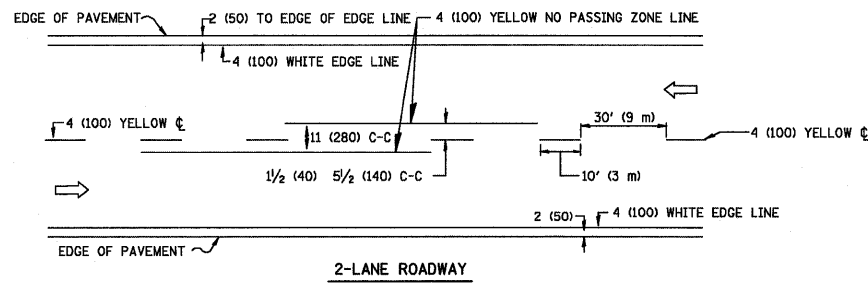
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: NONE SHEET NO. 7 OF 8 SHEETS STA. TO STA.

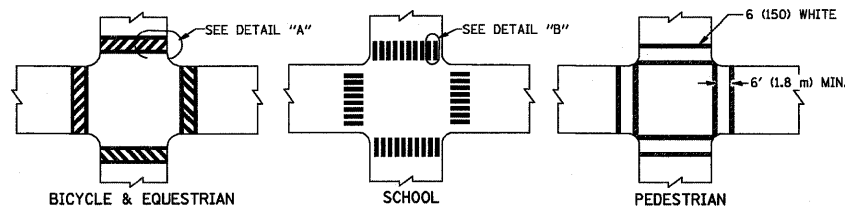
FALL. RTE. N/A	SECTION 10-00055-00-SP	COUNTY COOK	TOTAL SHEETS 8	SHEET NO. 7
TC-10			CONTRACT # 63685	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

GHA #9232.386

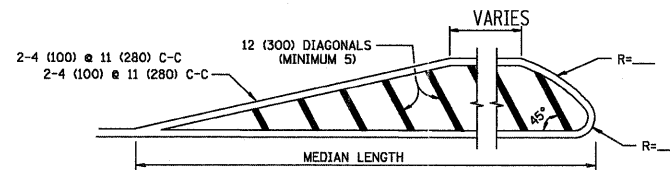
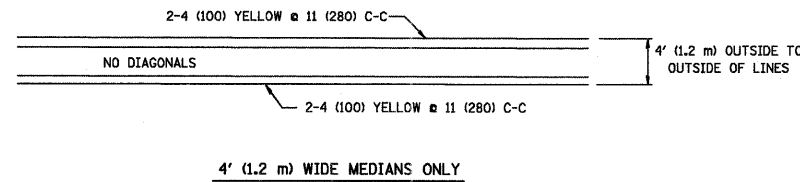


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

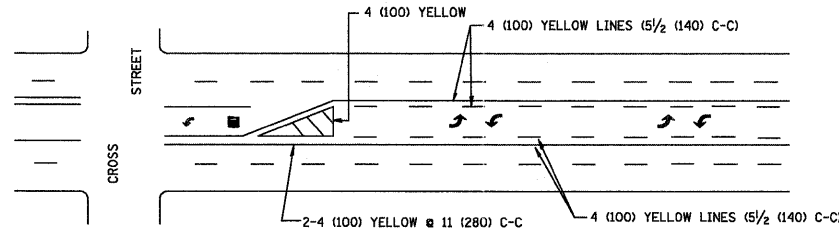


TYPICAL CROSSWALK MARKING

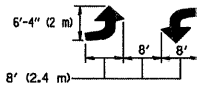


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

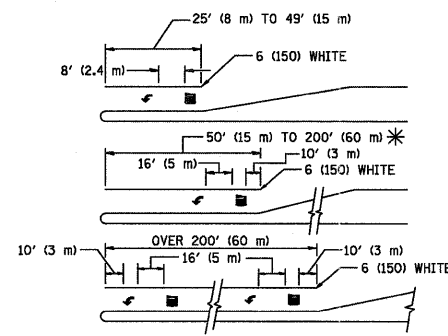


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

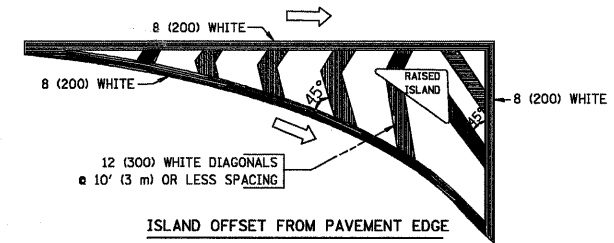


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)

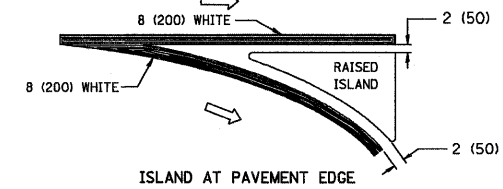
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

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	4 (100)	SOLID	YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	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 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; 5/2 (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' (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.
CORE 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" 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 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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 (OVER 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) unless otherwise shown.

TYPICAL PAVEMENT MARKINGS

FILE NAME = 9232.386 DT-1.dwg	USER NAME = BJW	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
		DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE =	CHECKED -	REVISED -
	PLOT DATE = 1/10/2012	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
SCALE NONE	SHEET NO. 8 OF 8 SHEETS	STA.	TO STA.

FAU. RTE. N/A	SECTION 10-00055-00-SP	COUNTY LAKE	TOTAL SHEETS 8	SHEET NO. 8
TC-13				CONTRACT # 63685
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

GHA #9232.386