

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS 08-01-14 LETTING ITEM 041

F.A.U. RTE. 3887 & 2503	SECTION 12-00081-00-SP	COUNTY KANE	TOTAL SHEETS 18	SHEET NO. 1
FED. ROAD DIST. NO.	ILLINOIS CONTRACT NO. 61A42			

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

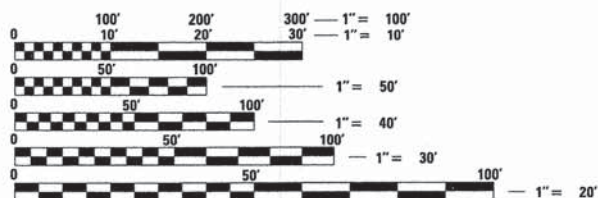
FAU 3887 (IL ROUTE 31)
FAU 2503 (IL ROUTE 25)
PEDESTRIAN IMPROVEMENTS AT VARIOUS LOCATIONS
SECTION: 12-00081-00-SP
PROJECT NO.: CMM-4003 (156)
CITY OF BATAVIA
KANE COUNTY
JOB NO.: C-91-170-13



STD. No.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-02	DEPRESSED CORNER FOR SIDEWALKS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM EDGE OF PAVEMENT
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-04	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS
701606-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
878001-09	CONCRETE FOUNDATION DETAILS

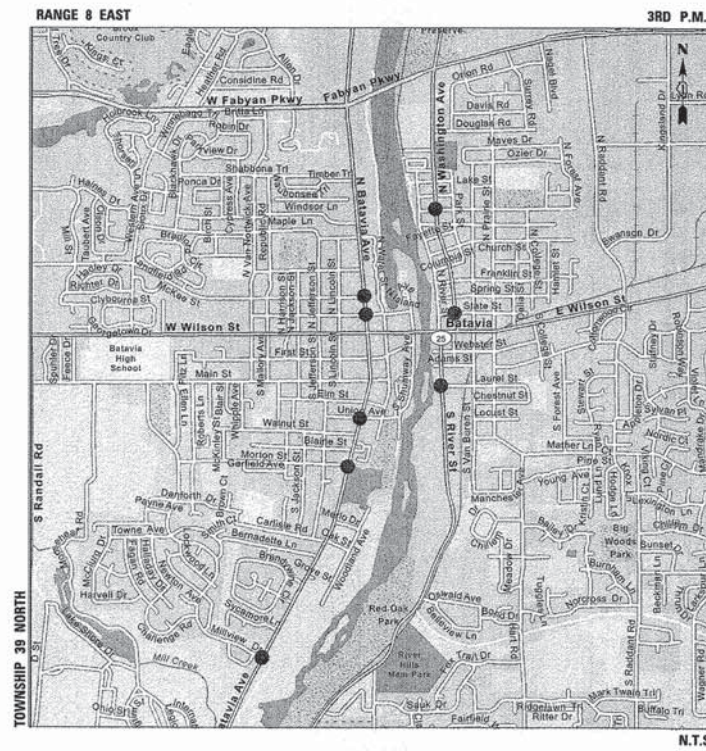
TRAFFIC DATA

ROUTE SEGMENT	SPEED (MPH)	ADT (2012)	CLASSIFICATION
IL ROUTE 31 - MORTON ST TO MCKEE ST	30	14,200	URBAN 4 LANE CROSS-SECTION, MINOR ARTEIAL
IL ROUTE 25 (RIVER ST)	30	8,250	URBAN 2 LANE CROSS-SECTION, MINOR ARTERIAL
IL ROUTE 25 (WASHINGTON AVE)	30	8,100	URBAN 2 LANE CROSS-SECTION, MINOR ARTERIAL



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.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



BATAVIA TOWNSHIP
NET LENGTH = 1,070 FEET (0.20 MILES)
GROSS LENGTH = 8,520 FEET (1.61 MILES)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED JUNE 3rd 20 14
Neil Rao
CITY OF BATAVIA REPRESENTATIVE

PASSED JUNE 9 20 14
Christopher Holt
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW June 4 20 14
John Fichtman
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

George M. Ziegler 6/02/2014
ENGINEER DATE

GEORGE M. ZIEGLER
ILLINOIS REGISTRATION No. 062-045853
EXPIRATION DATE: 11-30-2015

FEDERAL AID PROGRAM ENGINEER: FAWWAD AQUEEL, P.E. (847) 705-4021, SCHAMBOURG, IL

CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CONTRACT NO. 61A42

INDEX OF SHEETS

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1. ALL CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSRBC), ADOPTED JANUARY 1, 2012 AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS; ADOPTED JANUARY 1, 2014 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO; IN CASE OF CONFLICT, THE MORE RESTRICTIVE PROVISIONS SHALL APPLY. ANY REFERENCE TO STANDARDS IN THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE LATEST STANDARDS OF THE DEPARTMENT.
2. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE PROPERTY MARKS AND MONUMENTS UNTIL THE ENGINEER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
3. ALL UTILITY COORDINATION SHALL BE IN ACCORDANCE WITH ARTICLES 105.07 AND 107.31 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSRBC) AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS; ADOPTED JANUARY 1, 2014 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
4. THE CITY OF BATAVIA AND THE ENGINEER SHALL BE NOTIFIED IN WRITING BY THE CONTRACTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY OPERATION REQUIRING COOPERATION WITH OTHERS.
5. THE CONTRACTOR SHALL PLAN THEIR WORK BASED ON THEIR OWN BORINGS, EXPLORATIONS AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK.
6. SODDING SHALL OCCUR AS SHOWN ON THE PLANS OR AT THE DIRECTION OF THE ENGINEER. SALT TOLERANT SOD SHALL BE REQUIRED.
7. THE CONTRACTOR WILL NOTE THAT THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE ELEVATIONS AND THAT PAVEMENT THICKNESS, TOPSOIL, ETC. MUST BE SUBTRACTED TO DETERMINE SUBGRADE ELEVATIONS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASURES". THE INITIAL ESTABLISHMENT OF EROSION CONTROL PROCEDURES AND THE PLACEMENT OF SILT AND FILTER FENCING, FILTER BASKETS ETC. TO PROTECT ADJACENT PROPERTY, WETLANDS, ETC. SHALL OCCUR BEFORE GRADING BEGINS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ADJACENT REMOVAL OR FOUNDATION PAY ITEM.
9. EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND SHALL BE MAINTAINED BY THE CONTRACTOR AND REMAIN IN PLACE UNTIL A SUITABLE GROWTH OF GRASS, ACCEPTABLE TO THE ENGINEER, HAS DEVELOPED.
10. EXCESS MATERIALS, IF NOT UTILIZED AS FILL SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR EXCEPT AS NOTED IN ITEM 24 OF THE GENERAL NOTES.
11. THE CONTRACTOR SHALL NOTIFY THE CITY OF BATAVIA, THE CITY'S REPRESENTATIVE AND THE AFFECTED GOVERNMENTAL AGENCIES IN WRITING AT LEAST THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL NOTIFY AS NECESSARY ALL TESTING AGENCIES, AND THE CITY OF BATAVIA SUFFICIENTLY IN ADVANCE OF CONSTRUCTION. ALL MATERIAL TESTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE COST SHALL BE INCLUDED IN THE ASSOCIATED PAY ITEM.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE CONSTRUCTION STAKING AND LAYOUT.
13. BEFORE ACCEPTANCE BY THE ENGINEER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED BY THE ENGINEER OR HIS REPRESENTATIVE. FINAL PAYMENT WILL BE MADE ACCORDING TO IDOT'S PROCEDURES AFTER ALL THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED.
14. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE RESIDENT ENGINEER. THE CITY OF BATAVIA MUST BE NOTIFIED PRIOR TO INSTALLING CONCRETE FOUNDATIONS, PAVEMENT BASE, BINDER, SURFACE, AND PRIOR TO PLACING ANY BINDER, SURFACE, AND PRIOR TO PLACING ANY CONCRETE AFTER FORMS HAVE BEEN SET.
15. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB PER OSHA REGULATIONS. THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS.
16. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE REQUIREMENTS OUTLINED IN DIVISION 700 AND ARTICLE SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
17. DRAINAGE: DURING THE CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY, FILTER BASKETS SHALL BE PLACED IN ALL DRAINAGE STRUCTURES. AT CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS CAUSED BY THE CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
18. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHOULD BE TAKEN TO AVOID DUPLICATION OF QUANTITIES.
19. BARRICADES: ALL UNBALLASTED TYPE I AND TYPE II BARRICADES SHALL BE INSTALLED AS SPECIFIED IN THE NCHRP 350 LETTER FOR THE DEVICE.
20. THE CONTRACTOR IS PROHIBITED FROM TRANSPORTING SOIL OFF OF STATE ROW. ALL SOIL MUST BE GRADED TO MATCH EXISTING GROUND LEVELS AND REMAIN WITHIN THE STATE ROW PORTION OF THE PROJECT LIMITS.
21. THE CONTRACTOR SHALL NOTIFY THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
22. LIMIT OF CONSTRUCTION. THE ENGINEER SHALL MARK THE LIMITS OF CONSTRUCTION AND THE LOCATIONS WHERE THE FLASHER AND SIGN ASSEMBLIES, HYBRID PEDESTRIAN BEACON (HAWK) EQUIPMENT, AND MEDIAN ISLAND IMPROVEMENTS ARE TO BE INSTALLED.
23. WATER FOR CONSTRUCTION PURPOSES. THE CONTRACTOR SHALL CONTACT THE CITY OF BATAVIA FOR THE USE OF WATER FOR CONSTRUCTION PURPOSES PERTAINING TO THIS PROJECT. WATER SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
24. DAILY PROJECT SCHEDULING. THE CONTRACTOR SHALL TELEPHONE THE RESIDENT ENGINEER EVERY MORNING TO INFORM THE ENGINEER OF DAILY AND WEEKLY PROGRESS AND SCHEDULES

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CHRISTOPHER B. BURKE
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 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500



FILE NAME =	USER NAME = ejensen	DESIGNED - EAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND GENERAL NOTES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\BATAVIA\138316\Traffic\INX_138316.sht		DRAWN - FPB / FCP	REVISED -			3887 & 2503	12-00081-00-SP	KANE	18	2	
		CHECKED - GMZ	REVISED -			CONTRACT NO. 61A42					
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
				SCALE:							
				SHEET NO. OF SHEETS							
				STA. TO STA.							

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
			0021
20200100	EARTH EXCAVATION	CU YD	10
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	312
25000110	SEEDING, CLASS 1A	ACRE	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	30
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	30
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	30
25100630	EROSION CONTROL BLANKET	SQ YD	1500
25200110	SODDING, SALT TOLERANT	SQ YD	112
25200200	SUPPLEMENTAL WATERING	UNIT	8
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9991
42400800	DETECTABLE WARNINGS	SQ FT	570
44000100	PAVEMENT REMOVAL	SQ YD	70
44000300	CURB REMOVAL	FOOT	343
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1244
44000600	SIDEWALK REMOVAL	SQ FT	7027
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	5
60250200	CATCH BASINS TO BE ADJUSTED	EACH	13

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
			0021
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1
60255500	MANHOLES TO BE ADJUSTED	EACH	8
60260100	INLETS TO BE ADJUSTED	EACH	13
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	140
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	140
67100100	MOBILIZATION	L SUM	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	462
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	408
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	2
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	350
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	987
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	765
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	249
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2

PROFILE: DESIGNED, CHECKED, PLOTTED, DATE, BY, REVISIONS, STRUCTURE, NOTATIONS, CHKD, NO., NOTE BOOK, NO.

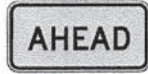
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CHRISTOPHER B. BURKE ENGINEERING LTD.
 1000 North Main Street, Suite 600
 Rockton, Illinois 60086
 (847) 823-0500

SIGN ASSEMBLY
A



W11-2
36"X36"
FLUORESCENT YELLOW GREEN
2 REQUIRED



W16-9P
24"X12"
FLUORESCENT YELLOW GREEN

COMB. CONC. C & G REMOVAL = 10 L.F.
COMB. CONC. C & G TYPE B (SPECIAL) = 10 L.F.

SODDING = 18 S.F.

ADA COMPLIANT SIDEWALK RAMP
W/ DETECTABLE WARNINGS = 10 S.F.

SIDEWALK REMOVAL = 85 S.F.
P.C.C. SIDEWALK, 5" = 75 S.F.

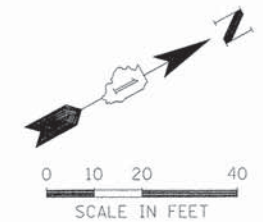
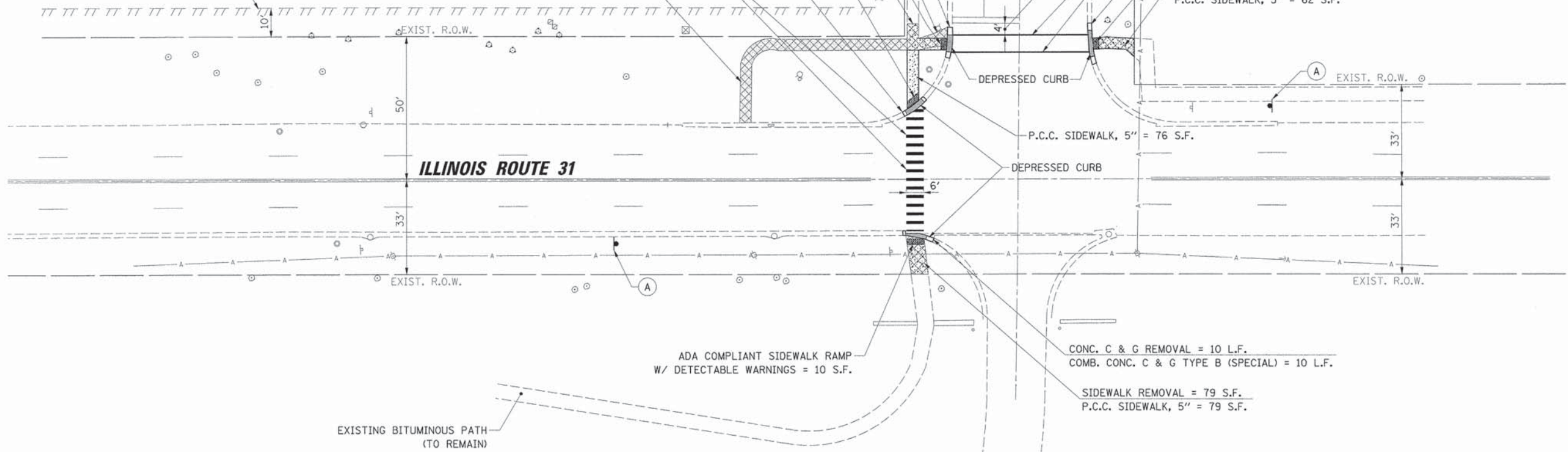
ADA COMPLIANT SIDEWALK RAMP
W/ DETECTABLE WARNINGS = 10 S.F.

COMB. CONC. C & G REMOVAL = 10 L.F.
COMB. CONC. C & G TYPE B (SPECIAL) = 10 L.F.

THERMOPLASTIC WHITE, 12" @ 3' C-C

SIDEWALK REMOVAL = 312 S.F.
SODDING = 312 S.F.

EXIST. UTILITY EASEMENT



DATE	BY	DATE	BY
DATE	BY	DATE	BY

SURVEYED
 PLOTTED
 CHECKED
 RT. OF WAY CHECKED
 NO. _____
 FILE NAME
 NO. _____

CHRISTOPHER B. BURKE ENGINEERING LTD.
 9679 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

PROFILE
 SURVEYED
 PLOTTED
 CHECKED
 B.M. NOTED
 STRUCTURE NOTATIONS OK'D
 NO. _____

RESTORATION OF WORK AREA
 RESTORATION OF THE RELATED WORK AREA SHALL BE INCLUDED IN THE COST OF PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, CURB REMOVAL, SIDEWALK REMOVAL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE PLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SALT TOLERANT SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE REPLACED WITH A MINIMUM OF 6 INCHES OF APPROVED TOPSOIL, CLASS 1 SALT TOLLERANT SEED, AND BLANKET, IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

FILE NAME =	USER NAME = ejensen	DESIGNED - EAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIDEWALK PLAN IL ROUTE 31 AND MILLVIEW DRIVE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\BATAVIA\130316\Traffic\TSD_IL 31-Millview.sht		DRAWN - FPB / FCP	REVISED -			3887 & 2503	12-00081-00-SP	KANE	18	5	
PLOT SCALE = 20'		CHECKED - GMZ	REVISED -			CONTRACT NO. 61A42					
PLOT DATE = 6/16/2014		DATE -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	

DATE: _____ BY: _____
 SURVEYED _____ PLOTTED _____
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 BLM. NO. _____
 STRUCTURE NOTATION: CHVD
 DATE: _____ BY: _____
 SURVEYED _____ PLOTTED _____
 CHECKED _____
 BLM. NO. _____
 STRUCTURE NOTATION: CHVD

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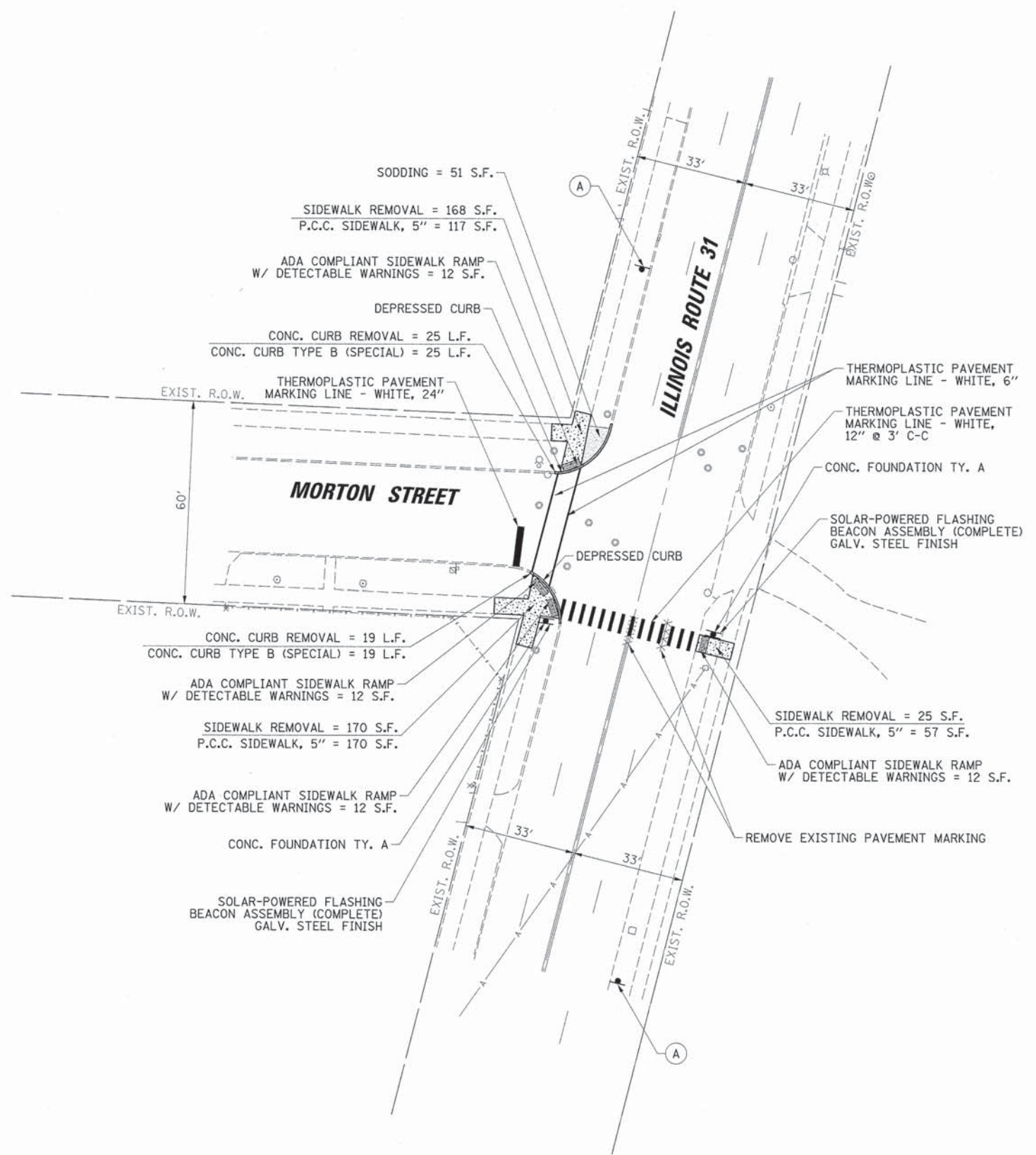
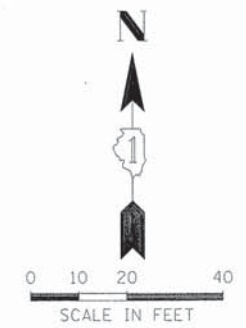
SIGN ASSEMBLY
A



W11-2
 36"X36"
 FLUORESCENT YELLOW GREEN
 2 REQUIRED



W16-9P
 24"X12"
 FLUORESCENT YELLOW GREEN



RESTORATION OF WORK AREA
 RESTORATION OF THE RELATED WORK AREA SHALL BE INCLUDED IN THE COST OF PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, CURB REMOVAL, SIDEWALK REMOVAL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE PLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SALT TOLERANT SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE REPLACED WITH A MINIMUM OF 6 INCHES OF APPROVED TOPSOIL, CLASS 1 SALT TOLERANT SEED, AND BLANKET, IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

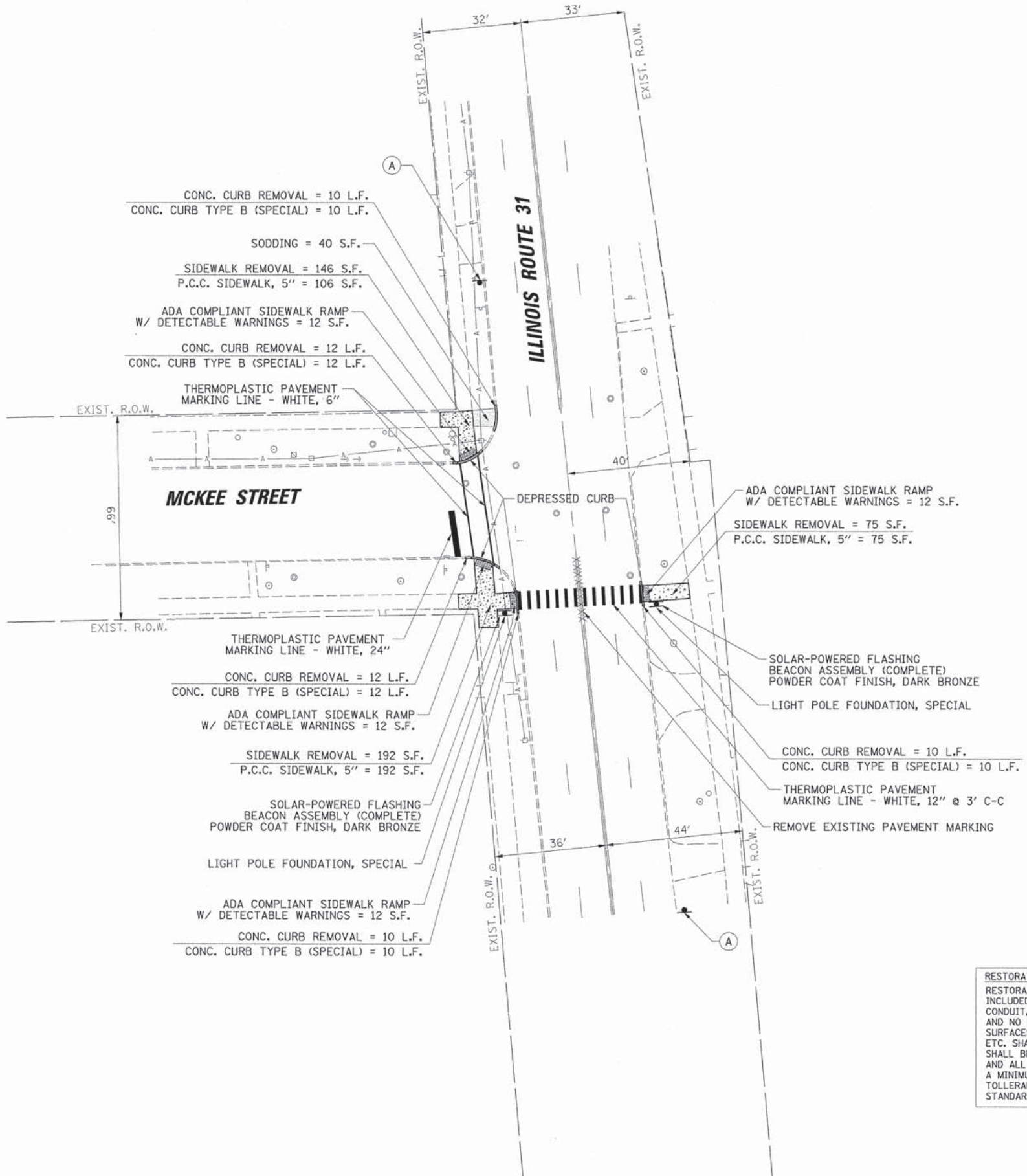
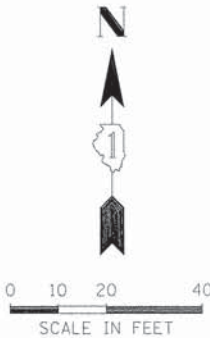
FILE NAME =	USER NAME = e_jensen	DESIGNED - EAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSSWALK AND RRFB INSTALATION IL ROUTE 31 AND MORTON STREET	F.A.U. RTE. 3887 & 2903	SECTION 12-00081-00-SP	COUNTY KANE	TOTAL SHEETS 18	SHEET NO. 6	
N:\BATAVIA\130316\Traffic\TSD_IL_31-Morton.sht						DRAWN - FPB / FCP	REVISED -	CONTRACT NO. 61A42			
PLOT SCALE = 20'						CHECKED - GMZ	REVISED -	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			
PLOT DATE = 6/3/2014						DATE -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			

DATE _____ BY _____
 SURVEYED _____ PLOTTED _____ CHECKED _____
 NOTE BOOK _____ NO. _____
 PLAN _____ NO. _____
CHRISTOPHER B. BURKE ENGINEERING LTD.
 8575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500
 DATE _____ BY _____
 SURVEYED _____ PLOTTED _____ CHECKED _____
 NOTE BOOK _____ NO. _____
 PROFILE _____ NO. _____
 STRUCTURE NOTATIONS CHECKED

SIGN ASSEMBLY
 (A)

 W11-2
 36"X36"
 FLUORESCENT YELLOW GREEN
 2 REQUIRED

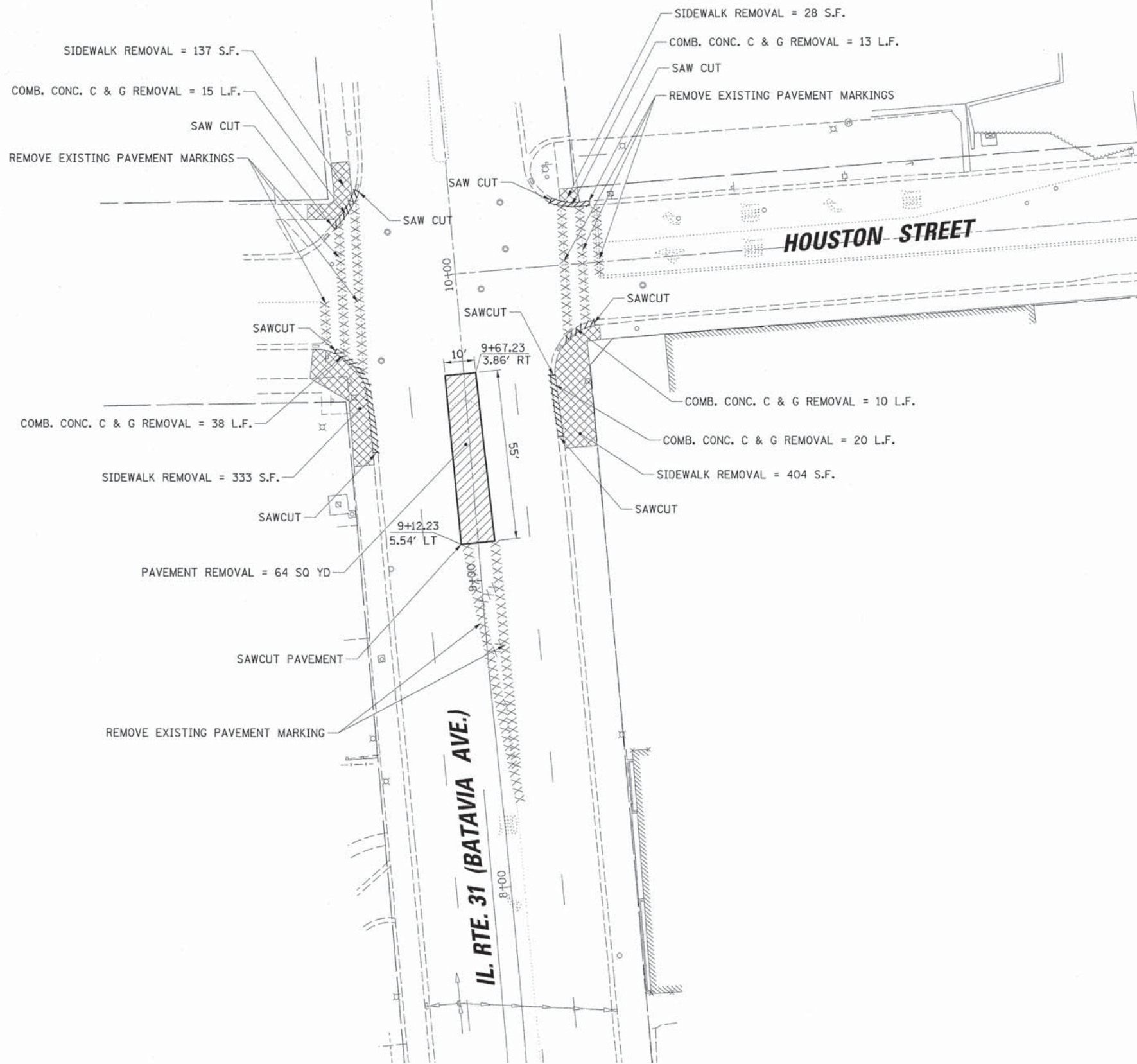
 W16-9P
 24"X12"
 FLUORESCENT YELLOW GREEN



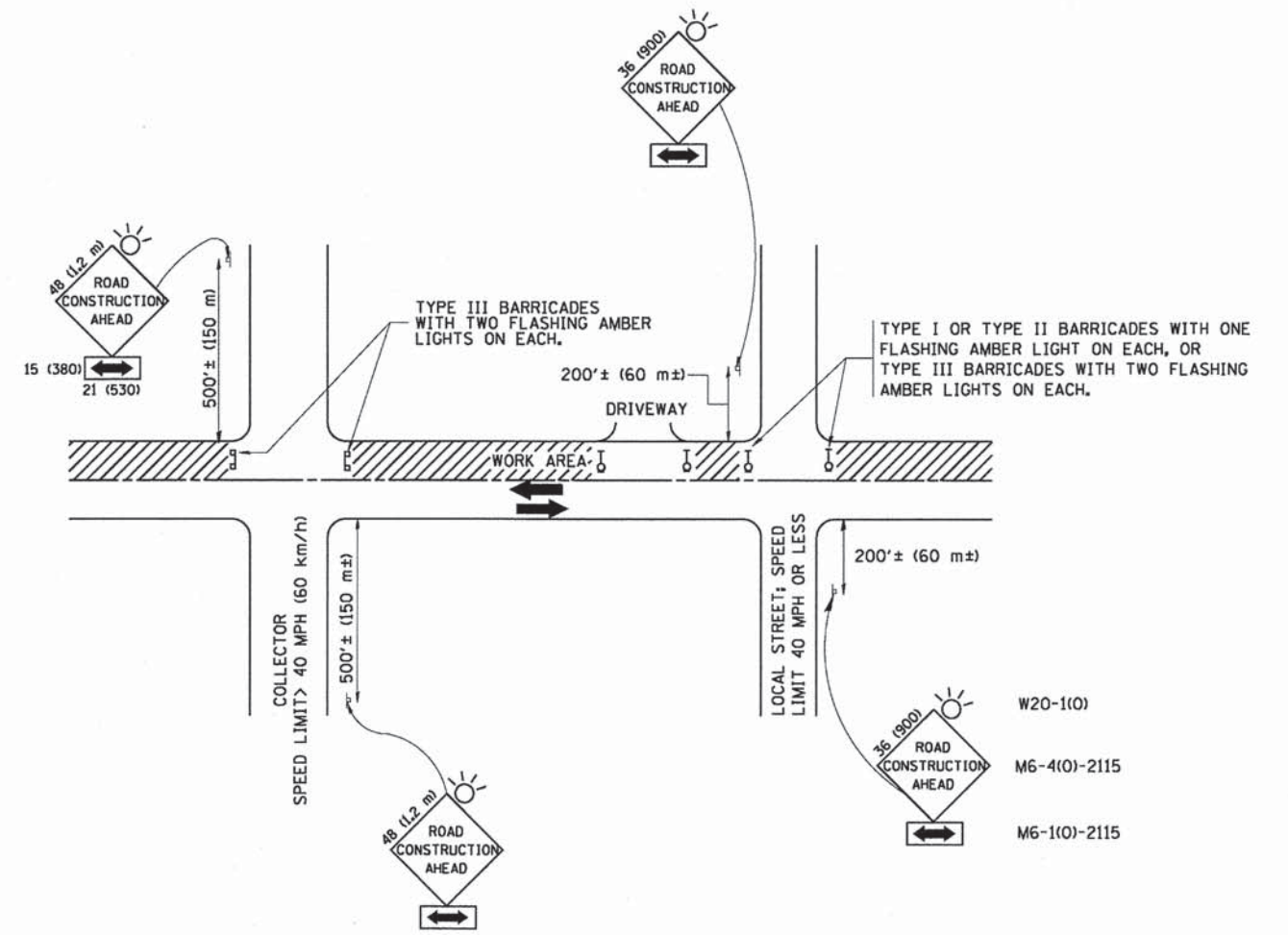
RESTORATION OF WORK AREA
 RESTORATION OF THE RELATED WORK AREA SHALL BE INCLUDED IN THE COST OF PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, CURB REMOVAL, SIDEWALK REMOVAL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE PLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SALT TOLERANT SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE REPLACED WITH A MINIMUM OF 6 INCHES OF APPROVED TOPSOIL, CLASS 1 SALT TOLLERANT SEED, AND BLANKET, IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

FILE NAME =	USER NAME = ejensen	DESIGNED - EAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSSWALK AND RRFB INSTALATION IL ROUTE 31 AND MCKEE STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\BATAVIA\130316\Traffic\TSD_IL_31-McKee	St.sht	DRAWN - FPB / FCP	REVISED -			3887 & 2503	12-00081-00-SP	KANE	18	8	
PLOT SCALE = 20'		CHECKED - GMZ	REVISED -			CONTRACT NO. 61A42					
PLOT DATE = 6/3/2014		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO
						FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					

DATE	BY	DATE	BY
PROF. FILE	NO. _____	STRUCTURE	NOTATION
PL. FILE	NO. _____	PLAN	NO. _____
SURVEYED _____ PLOTTED _____ CHECKED _____ BY _____ DATE _____			
CHRISTOPHER B. BURKE ENGINEERING LTD. 9575 West Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 623-0500			



FILE NAME =	USER NAME = e_jensen	DESIGNED - EAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN IL ROUTE 31 AND HOUSTON STREET BATAVIA, ILLINOIS	F.A.U. RTE. 3887 & 2503	SECTION 12-00081-00-SP	COUNTY KANE	TOTAL SHEETS 18	SHEET NO. 12		
N:\BATAVIA\130316\Traffic\REM_IL31-Houston.sht	PL. SCALE = 20'	DRAWN - FPB / FCP	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	CONTRACT NO. 61A42		
	PL. DATE = 6/3/2014	CHECKED - GMZ	REVISED -									
		DATE -	REVISED -									



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:
 - a) 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 I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) 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 (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.

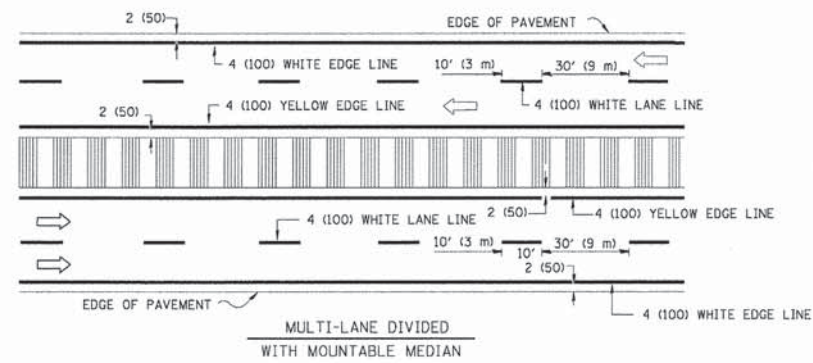
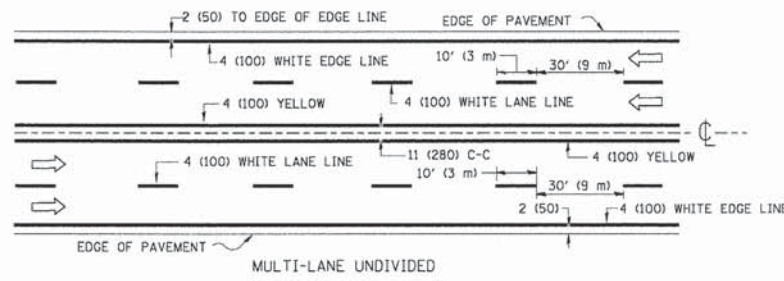
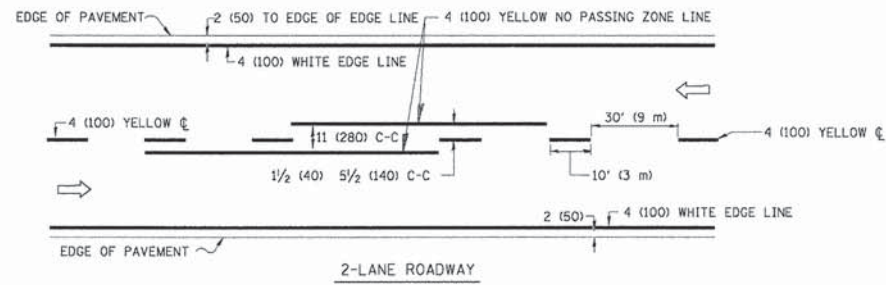
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\dists\td\22x34\td18.dgn	USER NAME = goglianob	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

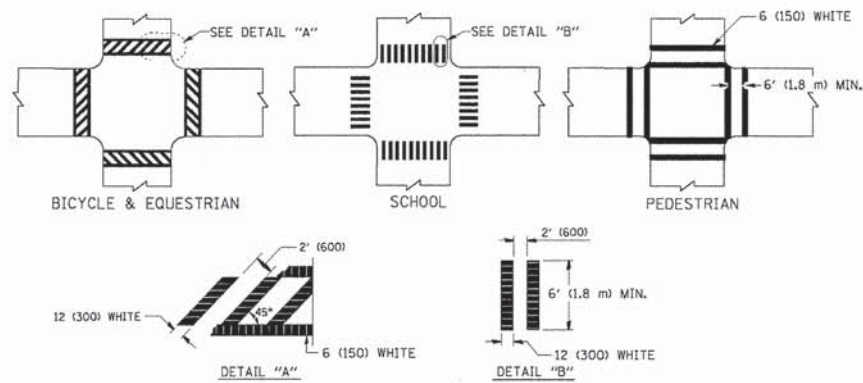
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.J. RTE. 3887 & 2503	SECTION 12-00081-00-SP	COUNTY KANE	TOTAL SHEETS 18	SHEET NO. 15
TC-10			CONTRACT NO. 61A42	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

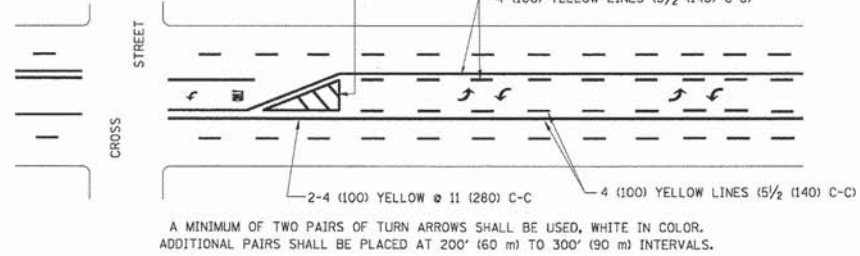
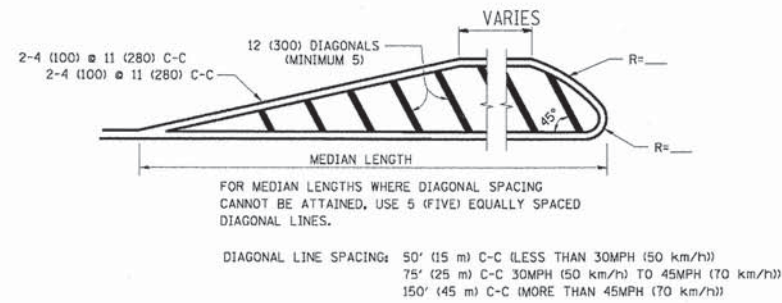
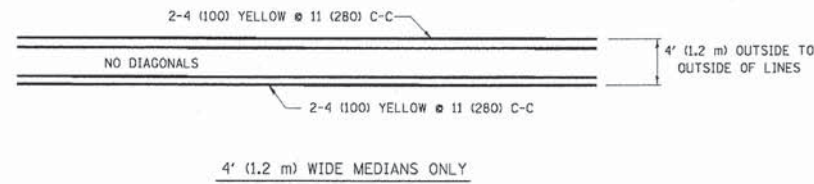


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

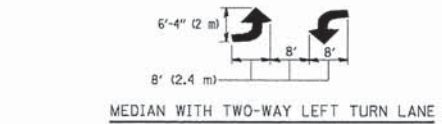
TYPICAL LANE AND EDGE LINE MARKING



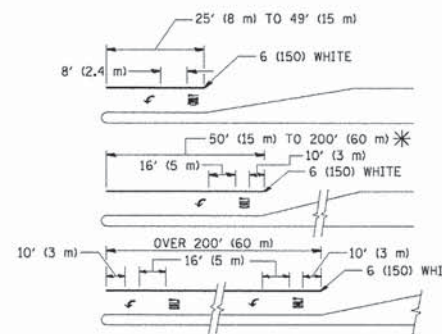
TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING

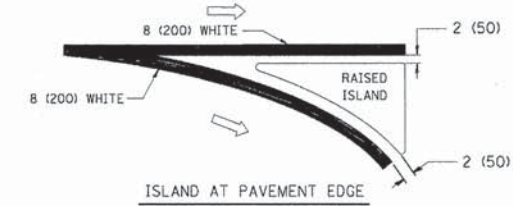
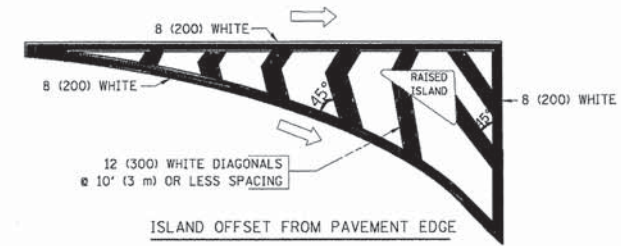


TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * 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 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 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE 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 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "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))

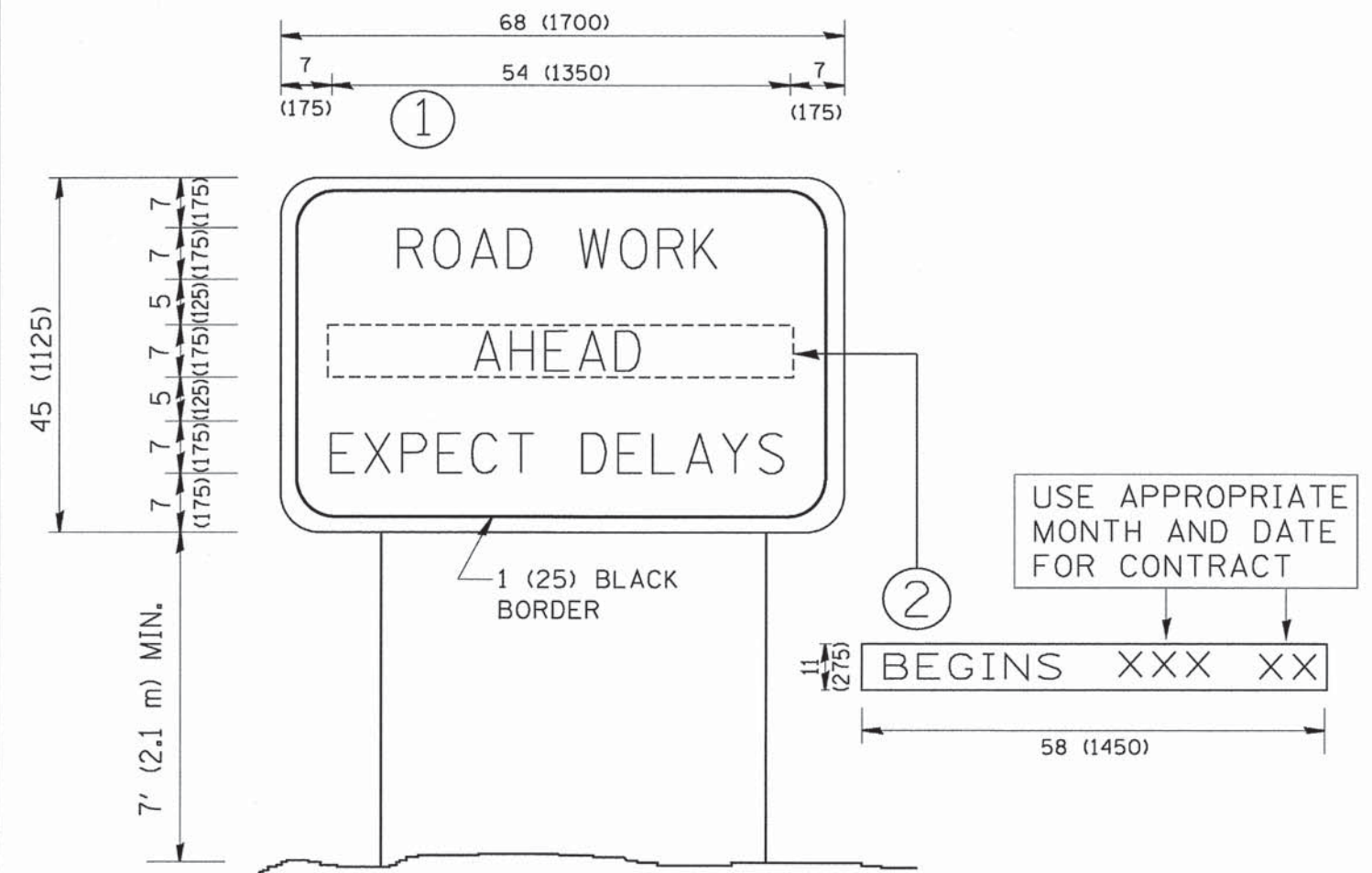
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME =	USER NAME = drsvakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
DRAWN -	CHECKED -	REVISOR - C. JUCCIUS 09-09-09	REVISOR -
DATE = 03-19-90	DATE = 03-19-90	DATE =	DATE =

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		3887 & 2503	12-00081-00-SP	KANE	18	16
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT



NOTES:

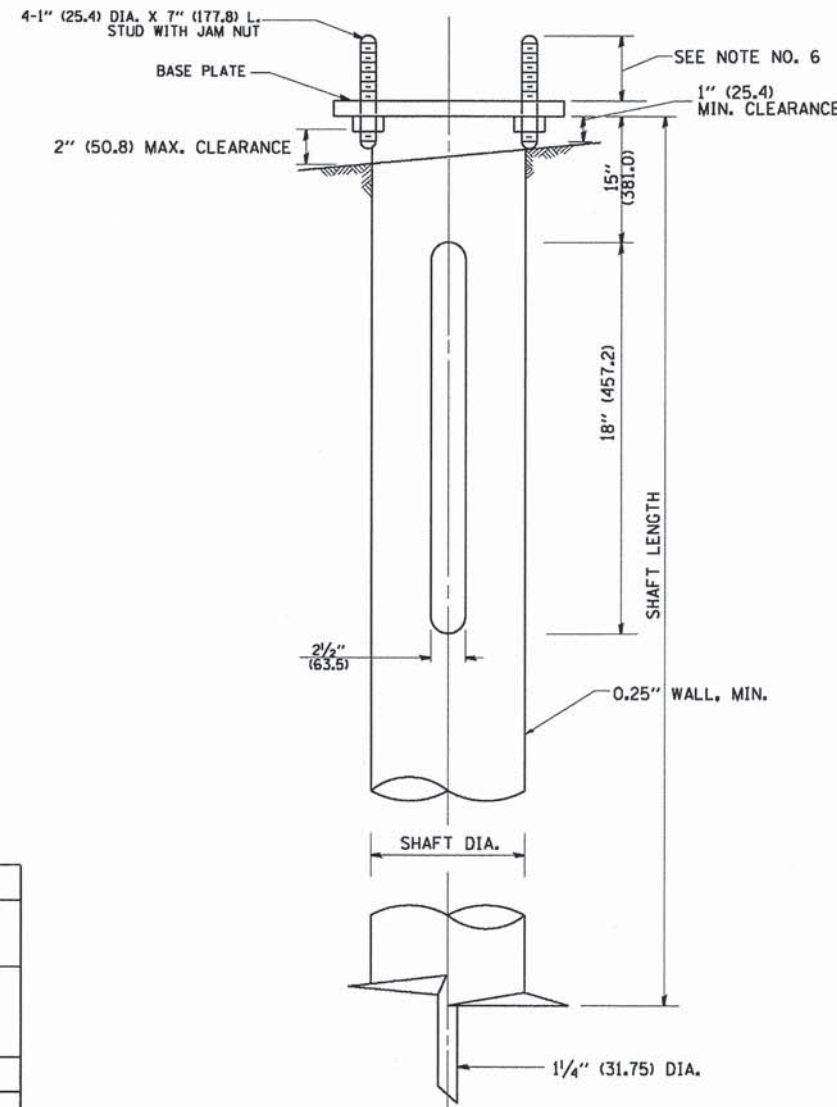
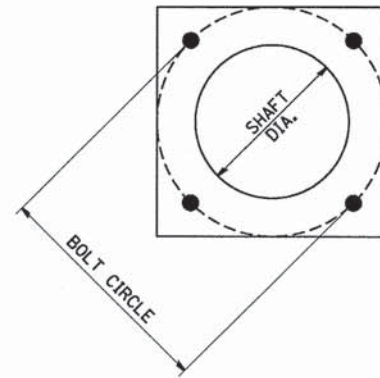
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.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

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

FILE NAME = W:\distatd\22x34\to22.dgn	USER NAME = geglienobt	DESIGNED - DRAWN -	REVISED - REVISED -
		DESIGNED - CHECKED -	REVISED - REVISED -
		DESIGNED - DATE -	REVISED - REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE		860	12-00081-00-SP	KANE	18	17
SHEET NO. 1 OF 1 SHEETS	STA.	TC-22		CONTRACT NO. 61A42		
	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



HELIX FOUNDATION SIZE

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11 1/2"	8 5/8"	6 FT.	12"x12"x1"
31 FT.-35 FT.	11 1/2"	8 5/8"	6 FT.	12"x12"x1"
36 FT.-40 FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
41 FT.-45 FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
46 FT.-50 FT.	15"	10"	8 FT.	15"x15"x1 1/4"

METAL HELIX FOUNDATION MATERIALS

ITEM	MATERIAL REQUIREMENT
BASEPLATE	AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
SHAFT	ASTM A 252, GRADE 2 (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
HELIX SCREW	AASHTO M 183 (ASTM A 635)
PILOT POINT	AASHTO M 270 (ASTM A 575)
ANCHOR RODS/STUDS	AASHTO M 314 (ASTM F 1554)
HEXAGON NUTS	AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H
WASHERS	AASHTO M 293 (ASTM F 436)

NOTES:

- ALL DIMENSION IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- ALL MATERIAL SHALL BE GALVINIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
- ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1/4" (6.35 mm) FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS (13558.18 n.m) OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
- THE HELIX FOUNDATION SHAFT SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
- ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
- METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDATION IS NOT ALLOWED.
- THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB (4,750 KNM). METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
- THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS ($\pm 1^\circ$) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
- THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE ($\pm 2^\circ$).
- THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.