

FOR INDEX OF SHEETS,
SEE SHEET NO. 2

FOR UNDERGROUND UTILITY
LOCATIONS CALL

J.U.L.I.E.

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illinois1call.com

TRAFFIC DATA
POSTED SPEED - 30 MPH
2015 ADT = 20100
MINOR ARTERIAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

FAU ROUTE 2581 (GLEN ELLYN ROAD)
CARRIAGE WAY TO EDGEWATER DRIVE
BIKE TRAIL
SECTION NO. 05-00051-00-BT
PROJECT NO. M-4003(513)
VILLAGE OF BLOOMINGDALE
DUPAGE COUNTY
C-91-325-15

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2581 -	05-00051-00-BT	DUPAGE	12	1
		ILLINOIS	CONTRACT NO. 61D07	

LOCATION OF SECTION



BEGIN IMPROVEMENT
STA. 0+47

END IMPROVEMENT
STA. 18+50



BLOOMINGDALE TOWNSHIP

0 50' 100' 1"=50'

FULL SIZE PLANS HAVE BEEN
PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED
SIZE PLANS WILL NOT CONFORM
TO STANDARD SCALES. IN MAKING
MEASUREMENTS ON REDUCED
SIZE PLANS, THE ABOVE SCALE
MAY BE USED.

GROSS AND NET LENGTH = .376 MILES = 1985 FT

PROFESSIONAL ENGINEER'S SIGN & SEAL



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED _____ 20____
Bob. Goo
VILLAGE OF BLOOMINGDALE

PASSED JULY 5 2016
Christine Holt
CHRISTINE HOLT
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW July 5 2016
John Friedman
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

- ALL REFERENCES TO THE "VILLAGE" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE VILLAGE OF BLOOMINGDALE.
- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ON APRIL 1, 2016.
- ALL CURB & GUTTER AND SIDEWALK REMOVAL AND REPLACEMENT SECTIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
- PUBLIC OR PRIVATE UTILITIES. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE AND THE ENGINEER DO NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM. IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 105.07 OF THE "STANDARD SPECIFICATIONS" THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE "STANDARD SPECIFICATIONS".
- CONCRETE BREAKERS WHEN REMOVING CURB, CURB AND GUTTER, PAVEMENT, SIDEWALK OR ANY OTHER STRUCTURE, THE CONTRACTOR SHALL TAKE PRECAUTIONS NECESSARY TO NOT DAMAGE PUBLIC OR PRIVATE UTILITIES. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL CONCRETE BREAKER BE ALLOWED.
- DISPOSAL OF SURPLUS MATERIAL THE CONTRACTOR IS PROHIBITED FROM BURNING MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT. ALL EXCESS OR WASTE MATERIAL SHALL EITHER BE HAULED AWAY FROM THE SITE OF THE IMPROVEMENT BY THE CONTRACTOR AND DEPOSITED AT LOCATIONS PROVIDED BY HIM, OR DISPOSED OF WITHIN THE RIGHT OF WAY IN A MANNER OTHER THAN BURNING, SUBJECT TO THE APPROVAL OF THE ENGINEER.
- ACCESS TO ABUTTING PROPERTY. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ABUTTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT EXCEPT FOR PERIODS OF SHORT DURATION, AS APPROVED BY THE ENGINEER.
- DEPRESSED CURB. PROPOSED CURB SHALL BE DEPRESSED AT ALL SIDEWALK AND DRIVEWAY LOCATIONS AS DETERMINED BY THE ENGINEER.
- RESPONSIBILITY FOR VANDALISM THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEFAACEMENT OF ANY CONCRETE PLACEMENT BEFORE SAID CONCRETE HAS SET UP. CONCRETE THAT HAS BEEN DEFACED, IN THE OPINION OF THE ENGINEER, SHALL BE REPAIRED OR REMOVED AND REPLACED BY THE CONTRACTOR AT THEIR EXPENSE.
- WATER FOR CONSTRUCTION & USE OF FIRE HYDRANTS ANY USE OR ATTEMPT TO ACCESS A FIRE HYDRANT WITHIN THE VILLAGE WITHOUT THE ENGINEER'S CONSENT IS STRICTLY PROHIBITED. WATER MAY BE OBTAINED, FREE OF CHARGE, USING A HYDRANT METER AND AN ACCOUNT SHALL BE ARRANGED WITH THE VILLAGE SERVICES DEPARTMENT (630-893-7073) PRIOR TO OBTAINING WATER.

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 PLAN & PROFILE STA. 0+00 TO 11+50
- 6 PLAN & PROFILE STA. 11+50 TO 18+50
- 7 CURB RAMP DETAILS
- 8 LANDSCAPE PLAN
- 9-12 DISTRICT ONE DETAILS

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABB. & PATTERNS
- 424006-02 DIAGONAL CURB RAMPS
- 424001-08 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424016-02 MIDBLOCK CURB RAMPS
- 424021-03 DEPRESSED CORNER
- 606001-06 CONCRETE CURB AND COMBINATION CONC. CURB AND GUTTER
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE - UNDIVIDED
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK CORNER OR CROSSWALK CLOSURE
- 701901-05 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

DISTRICT ONE DETAILS

- BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-22 ARTERIAL ROAD INFORMATIONAL SIGN

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2581	05-00051-00-BT	DUPAGE	12	2
		ILLINOIS	CONTRACT NO. 61D07	

SUMMARY OF QUANTITIES

Specialty Item	Code No.	Pay Item	Unit	Total Quantity	CONSTRUCTION CODE
					0028
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	100	100
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	95	95
	20101000	TEMPORARY FENCE	FOOT	480	480
	20200100	EARTH EXCAVATION	CU YD	520	520
*	25200100	SODDING	SQ YD	1800	1800
*	25200200	SUPPLEMENTAL WATERING	UNIT	20	20
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	2207	2207
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1000	1000
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	375	375
	42001300	PROTECTIVE COAT	SQ YD	100	100
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	275	275
	42400800	DETECTABLE WARNINGS	SQ FT	160	160
	44000600	SIDEWALK REMOVAL	SQ FT	9950	9950
	67100100	MOBILIZATION	LSUM	1	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	370	370
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	250	250
*	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	150	150
*	B2001116	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4
*	B2002220	TREE, CRATAEGUS VIRDIS WINTER KING (WINTER KING GREEN HAWTHORN), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4
*	B2006220	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3
*	K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	LSUM	1	1
	Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	150	150
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	78	78

PREPARED BY:



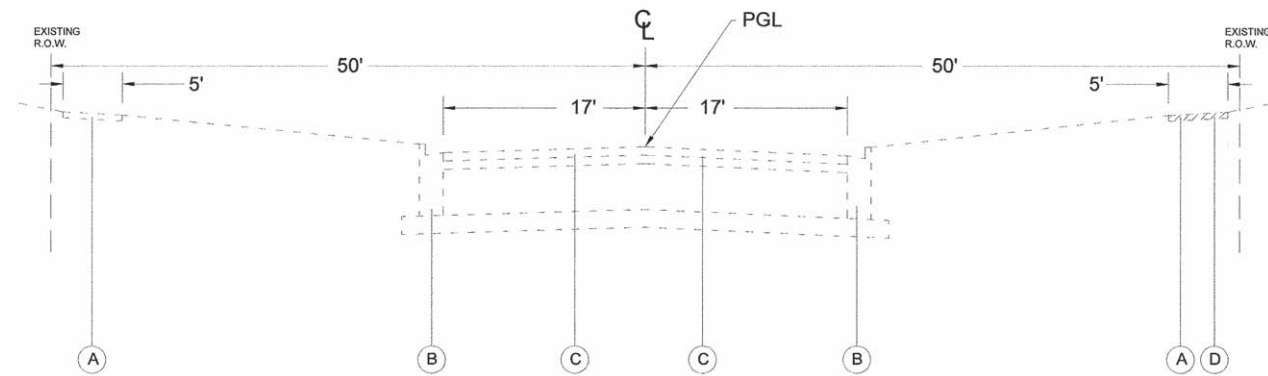
VILLAGE OF BLOOMINGDALE
 201 S. Bloomingdale Road
 Bloomingdale, IL 60188
 (630) 893-7000

DATE: 9-10-15
 SCALE: nts
 DRAWN BY: [Signature]
 APPROVED BY:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

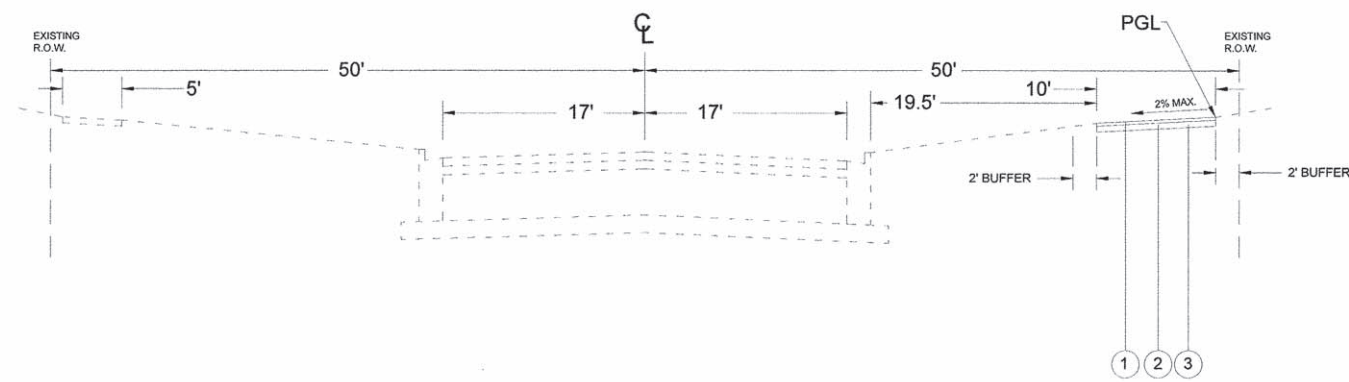
SUMMARY OF QUANTITIES

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2581	05-00051-00-BT	DUPAGE	12	3
		ILLINOIS	CONTRACT NO. 61D07	



EXISTING TYPICAL SECTION

STA. 0+47 to STA. 18+50, GLEN ELLYN ROAD



PROPOSED TYPICAL SECTION

STA. 0+47 to STA. 18+50, GLEN ELLYN ROAD

LEGEND - EXISTING

- (A) EXISTING PCC SIDEWALK
- (B) EXISTING CONCRETE CURB AND GUTTER
- (C) EXISTING HMA SURFACE & BINDER, 6"
- (D) SIDEWALK REMOVAL

LEGEND - PROPOSED

- (1) HOT-MIX ASPHALT SURFACE COURSE, 3"
- (2) 8" AGGREGATE BASE COURSE, CA-6
- (3) PRIME COAT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL - 9.5mm), 3"	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATED ALL HOT-MIX SURFACE 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 DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS, SEE SPECIAL PROVISIONS.

EARTH EXCAVATION TABLE

Station	Length (FT)	Cut Area (SF)	Average Area (SF)	Earth Excavation (CY)
0+47		7.78		
	53		7.78	15.27
1+00		7.78		
	100		7.78	28.81
2+00		7.78		
	100		7.78	28.81
3+00		7.78		
	100		7.78	28.81
4+00		7.78		
	100		7.78	28.81
5+00		7.78		
	100		7.78	28.81
6+00		7.78		
	100		7.78	28.81
7+00		7.78		
	100		7.78	28.81
8+00		7.78		
	100		7.78	28.81
9+00		7.78		
	100		7.78	28.81
10+00		7.78		
	100		7.78	28.81
11+00		7.78		
	100		7.78	28.81
12+00		7.78		
	100		7.78	28.81
13+00		7.78		
	100		7.78	28.81
14+00		7.78		
	100		7.78	28.81
15+00		7.78		
	100		7.78	28.81
16+00		7.78		
	100		7.78	28.81
17+00		7.78		
	100		7.78	28.81
18+00		7.78		
	50		7.78	14.41
18+50		7.78		
total earth excavation =				520 CY

PREPARED BY:



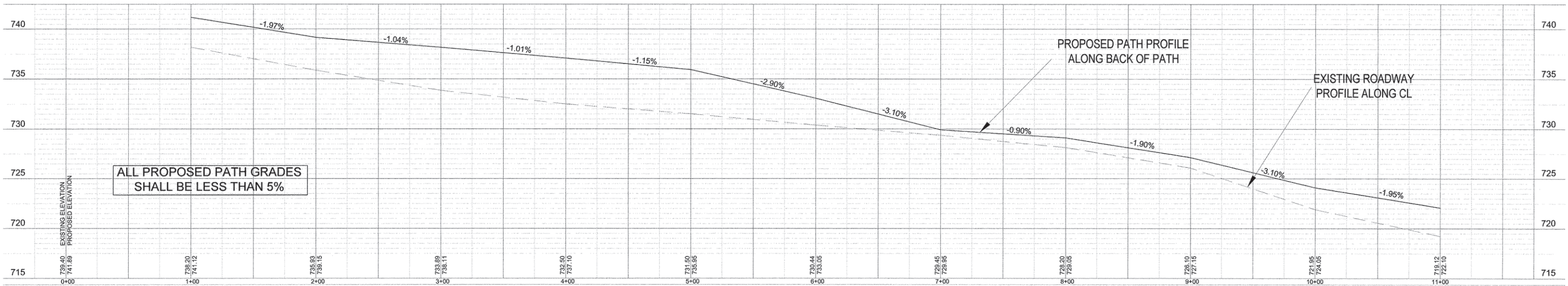
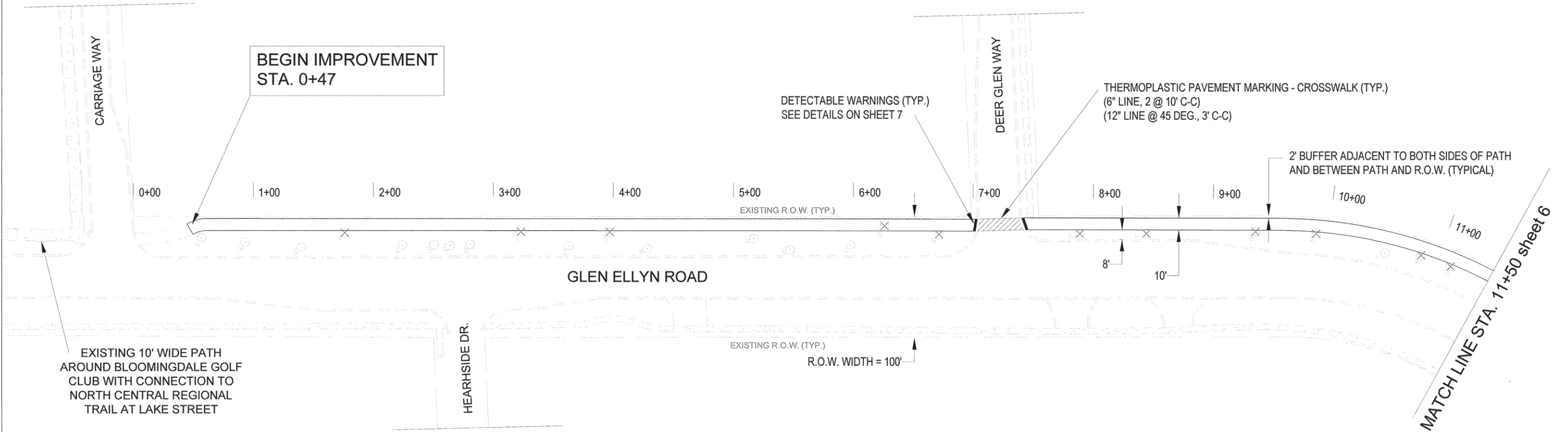
VILLAGE OF BLOOMINGDALE
 201 S. Bloomingdale Road
 Bloomingdale, IL 60188
 (630) 893-7000

DATE: 1-22-16
 SCALE: nts
 DRAWN BY: [Signature]
 APPROVED BY:

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2581	05-00051-00-BT	DUPAGE	12	4
		ILLINOIS	CONTRACT NO. 61D07	



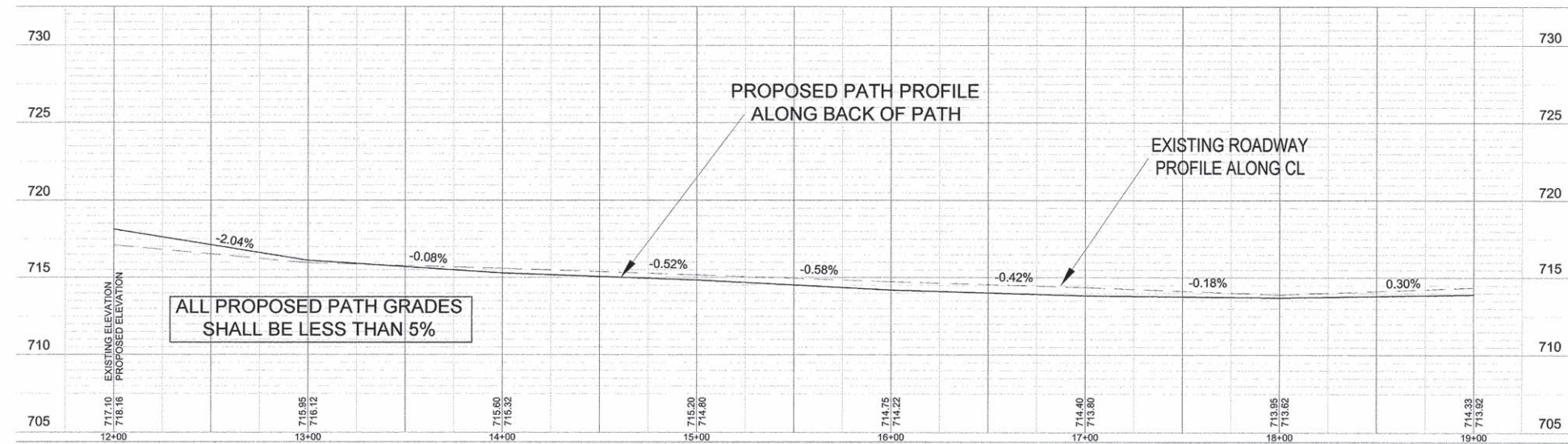
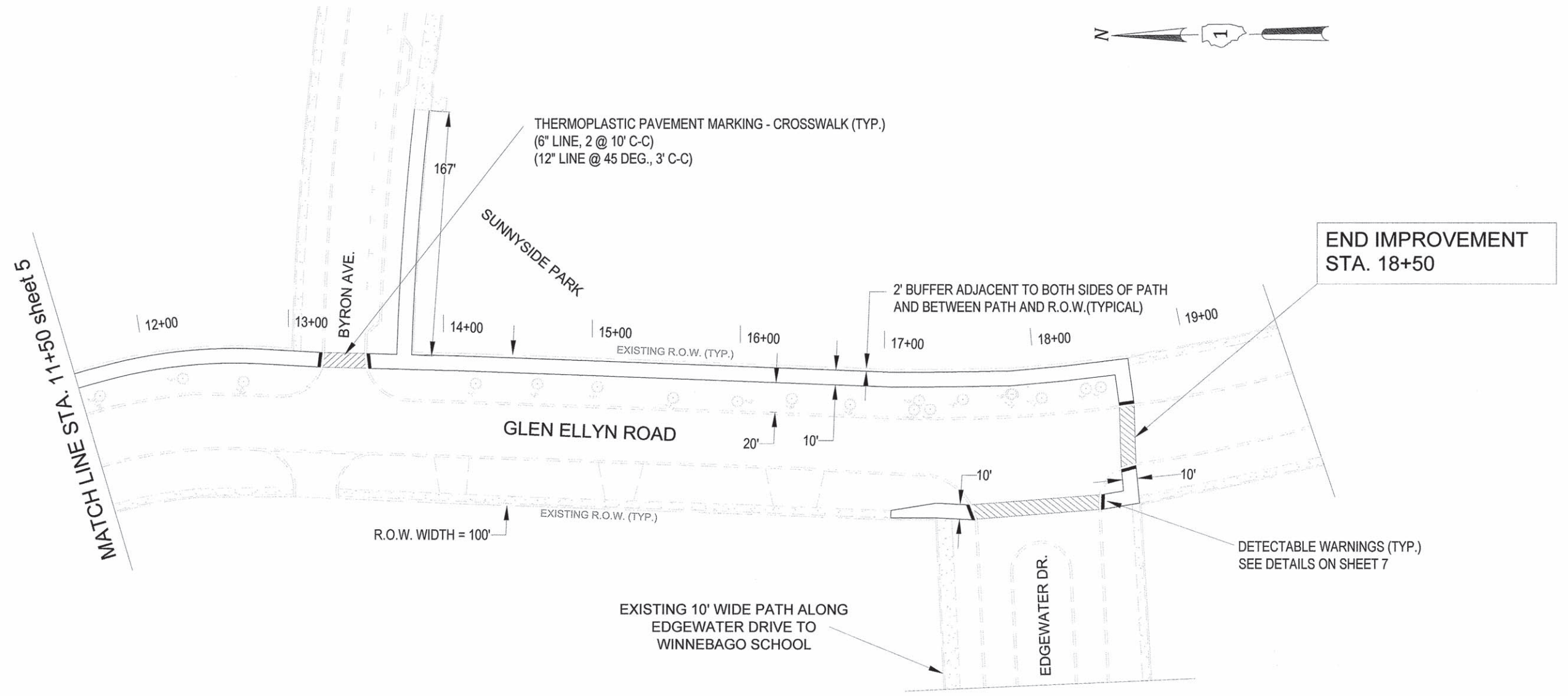
PREPARED BY:
VILLAGE OF BLOOMINGDALE
 201 S. Bloomingdale Road
 Bloomingdale, IL 60188
 (630) 893-7000

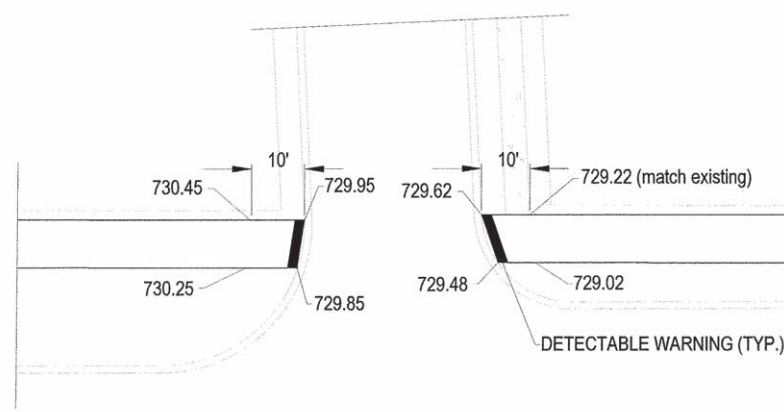
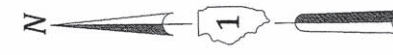
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 SCALE: 1" = 40'
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 APPROVED BY: [Signature]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

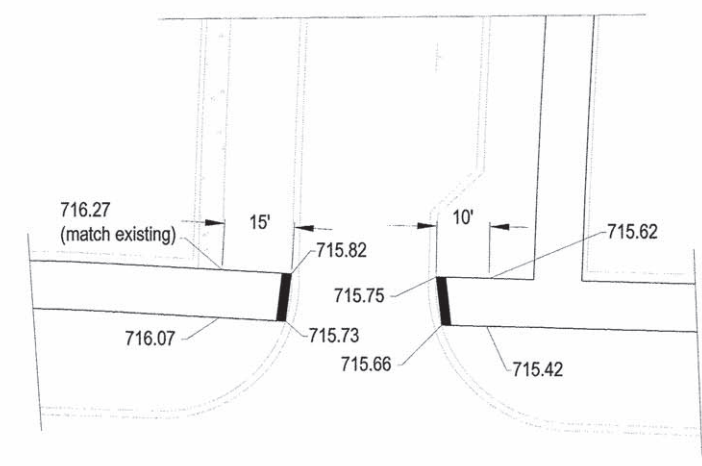
PLAN / PROFILE

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2581	05-00051-00-BT	DUPAGE	12	5
		ILLINOIS	CONTRACT NO. 61D07	

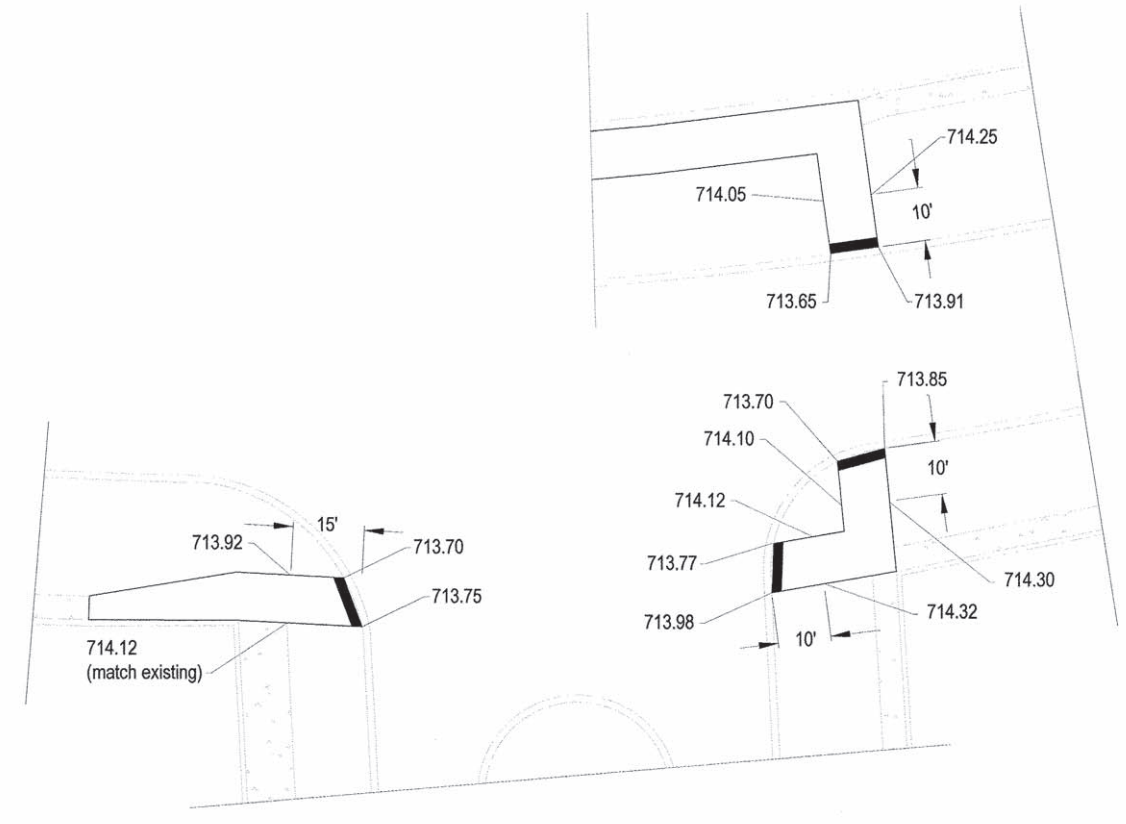




GLEN ELLYN ROAD AT DEER GLEN WAY



GLEN ELLYN ROAD AT BYRON AVENUE



GLEN ELLYN ROAD AT EDGEWATER DRIVE



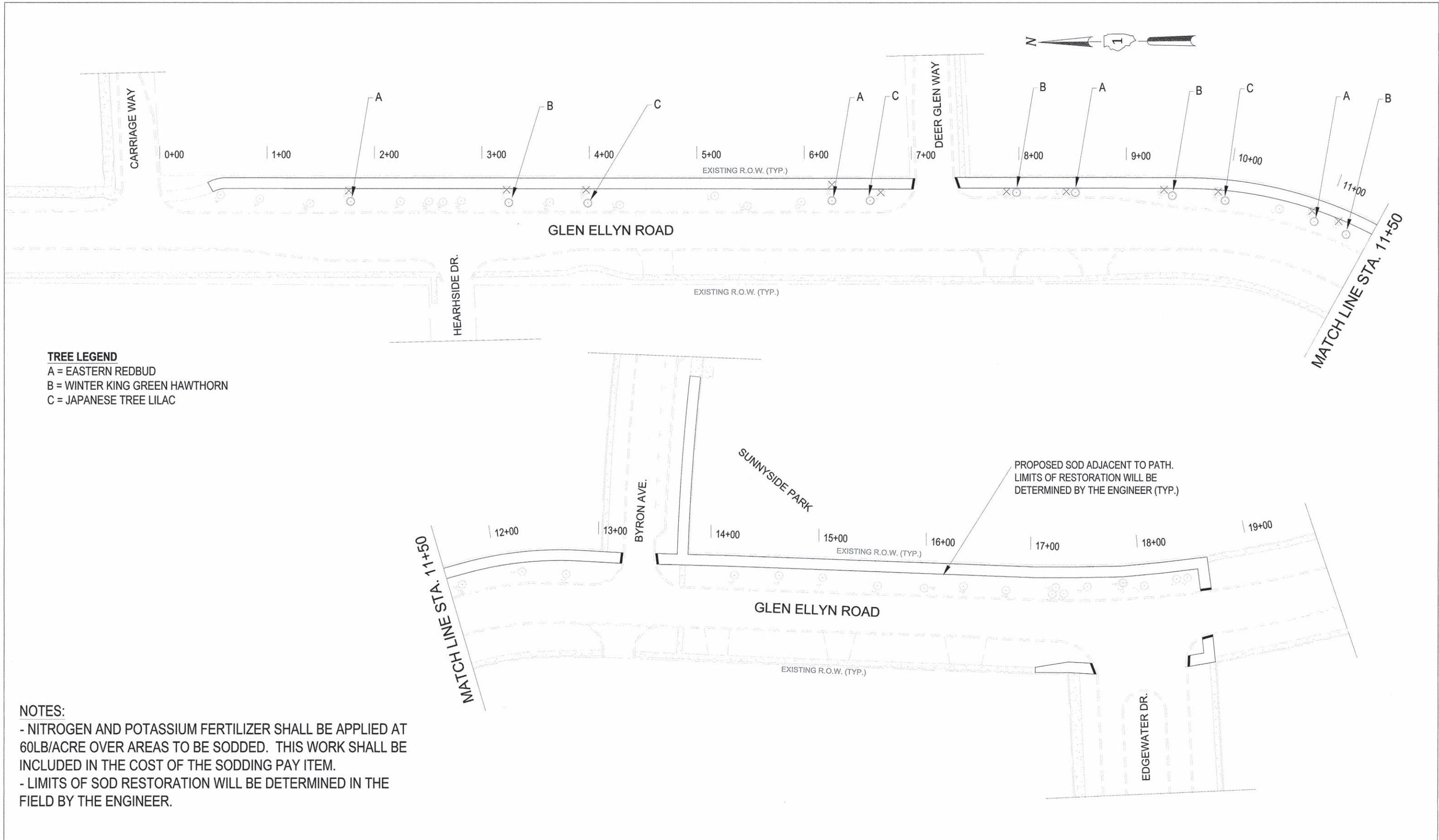
VILLAGE OF BLOOMINGDALE
 201 S. Bloomingdale Road
 Bloomingdale, IL 60188
 (630) 893-7000

DATE: 1-22-16
 SCALE: nts
 DRAWN BY: [Signature]
 APPROVED BY:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2581	05-00051-00-BT	DUPAGE	12	7
		ILLINOIS	CONTRACT NO. 61D07	



TREE LEGEND
 A = EASTERN REDBUD
 B = WINTER KING GREEN HAWTHORN
 C = JAPANESE TREE LILAC

NOTES:
 - NITROGEN AND POTASSIUM FERTILIZER SHALL BE APPLIED AT 60LB/ACRE OVER AREAS TO BE SODDED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE SODDING PAY ITEM.
 - LIMITS OF SOD RESTORATION WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

PREPARED BY: VILLAGE OF BLOOMINGDALE 201 S. Bloomingdale Road Bloomingdale, IL 60188 (630) 893-7000	DATE: 1-22-16 SCALE: 1" = 40' DRAWN BY: [Signature] APPROVED BY: [Signature]	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLAN					FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			2581	05-00051-00-BT	DUPAGE	12	8					
			ILLINOIS		CONTRACT NO. 61D07							

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001

18" (450) MAX.

EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

T/2 *

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

3" (75) MIN.

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

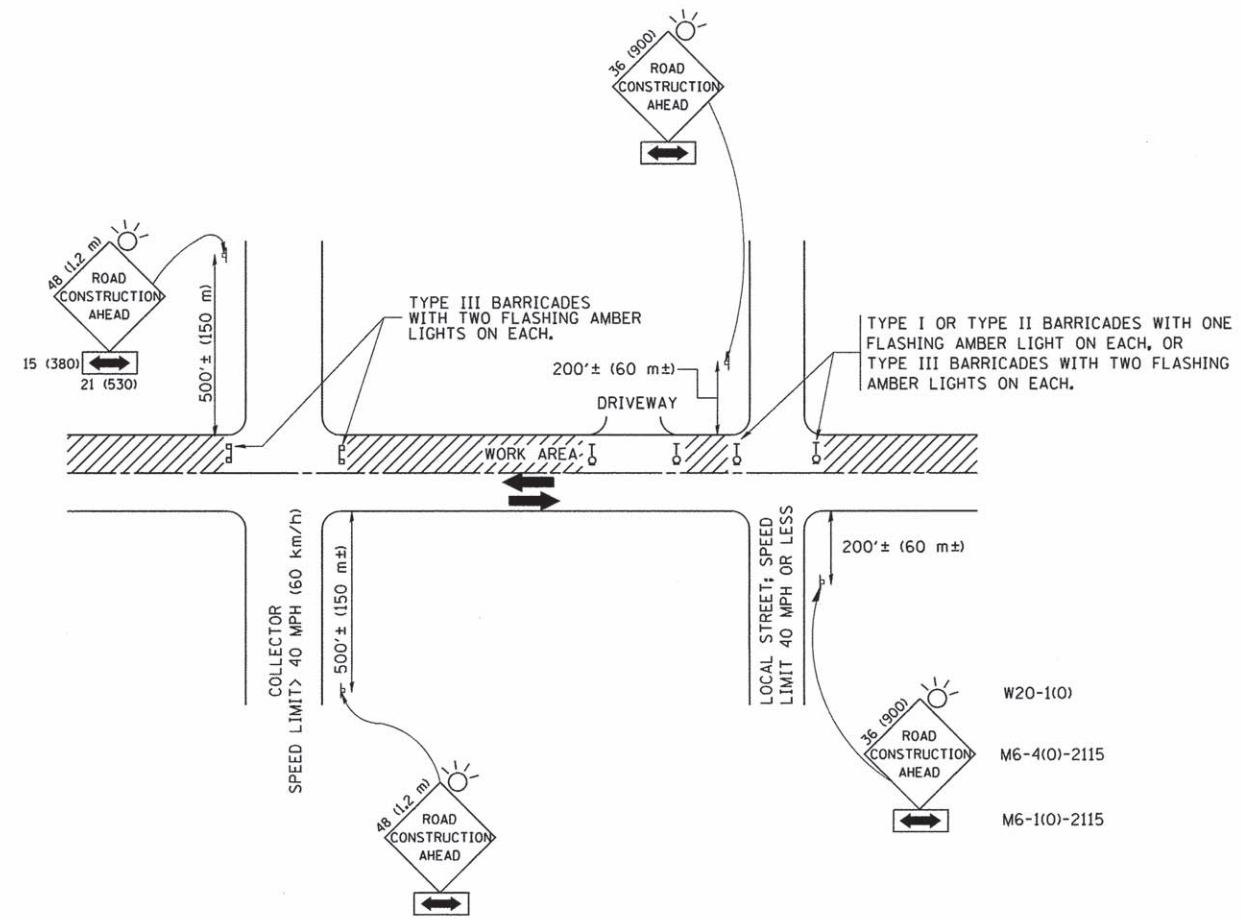
BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw-work\pwwdot\drivakosgn\0108315\br24.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	2581			05-00051-00-BT	DUPAGE	12	9	
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01	BD600-06 (BD-24)			CONTRACT NO.	61D07			
PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	



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

NOTES:

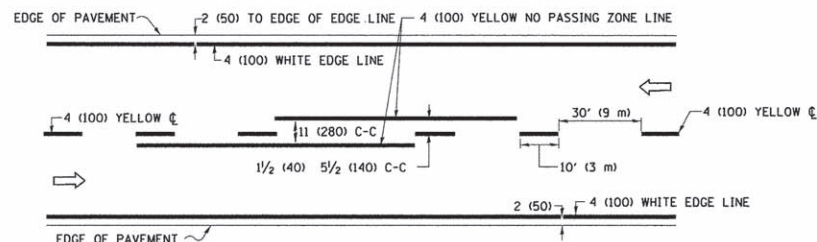
- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN 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:

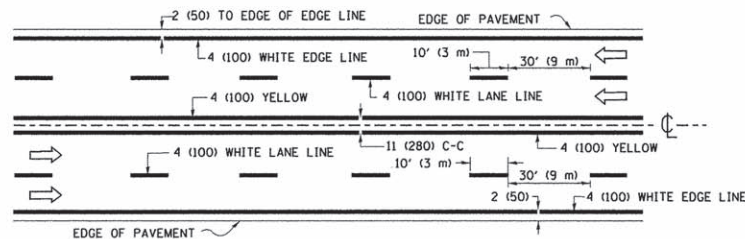
USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER 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.

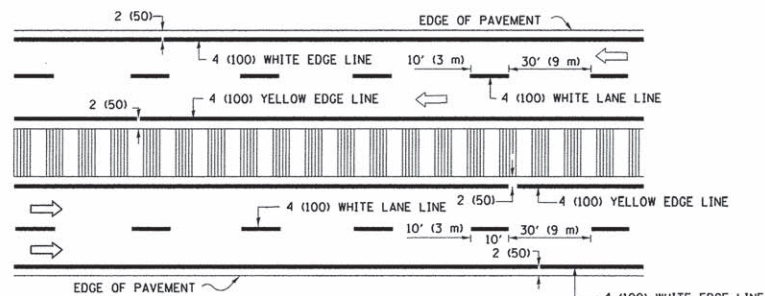
FILE NAME = W:\dststd\22x34\tcl0.dgn	USER NAME = geglinoht	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			F.A. RTE. = 2581	SECTION = 05-00051-00-BT	COUNTY = DUPAGE	TOTAL SHEETS = 12	SHEET NO. = 10
	PLOT SCALE = 50.000 / IN.	CHECKED -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TC-10		CONTRACT NO. 61D07		
PLOT DATE = 1/4/2008	DATE = 06-89	REVISED - T. RAMMACHER 01-06-00			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



2-LANE ROADWAY

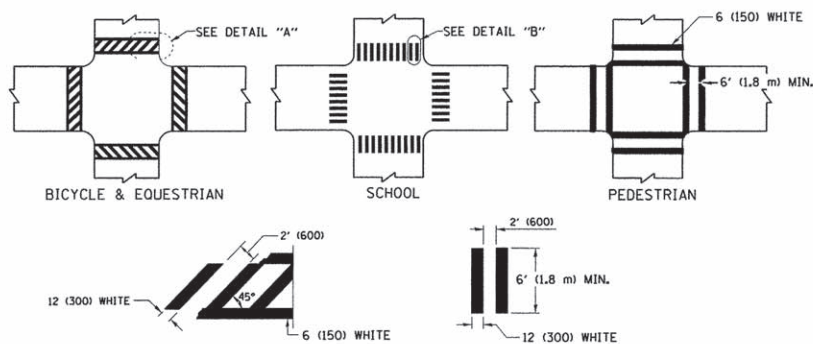


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

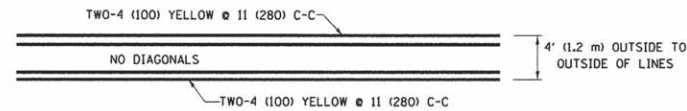


DETAIL "A"

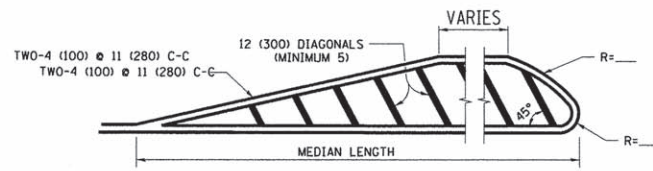
DETAIL "B"

TYPICAL CROSSWALK MARKING

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



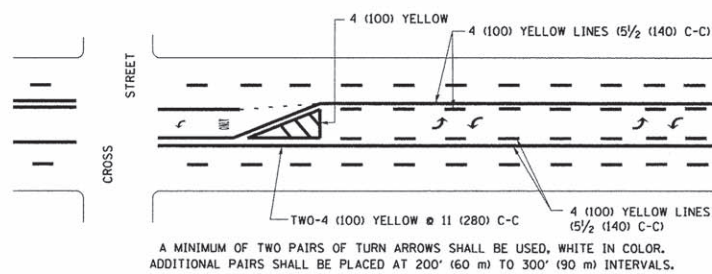
4' (1.2 m) WIDE MEDIANS ONLY



FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

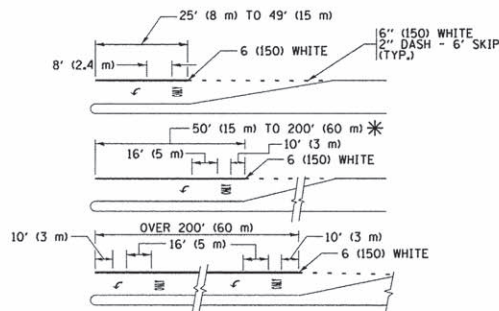
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING



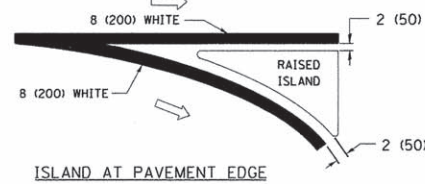
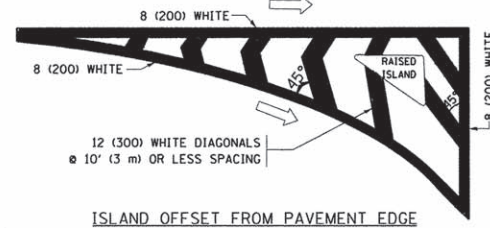
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.

* AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

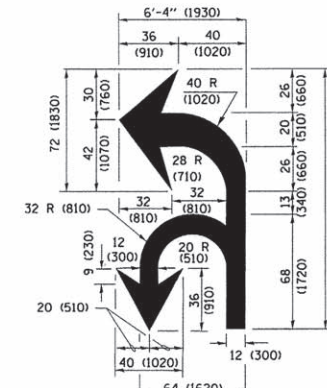
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

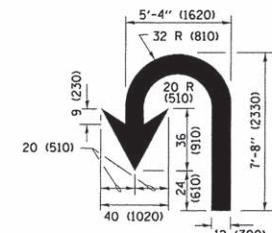
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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.

FILE NAME =	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
p:\IL084E8IDINTEG\Illinois.gov\PIW001\Documents\IDOT Offices\District 1\Projects\District 1\CA0Data\CA0sheets\tcl3.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 50.0000' / in.	DATE = 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 4/13/2016		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

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

F.A. REL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2581	05-00051-00-BT	DUPAGE	12	11
TC-13			CONTRACT NO. 61D07	
ILLINOIS FED. AID PROJECT				

