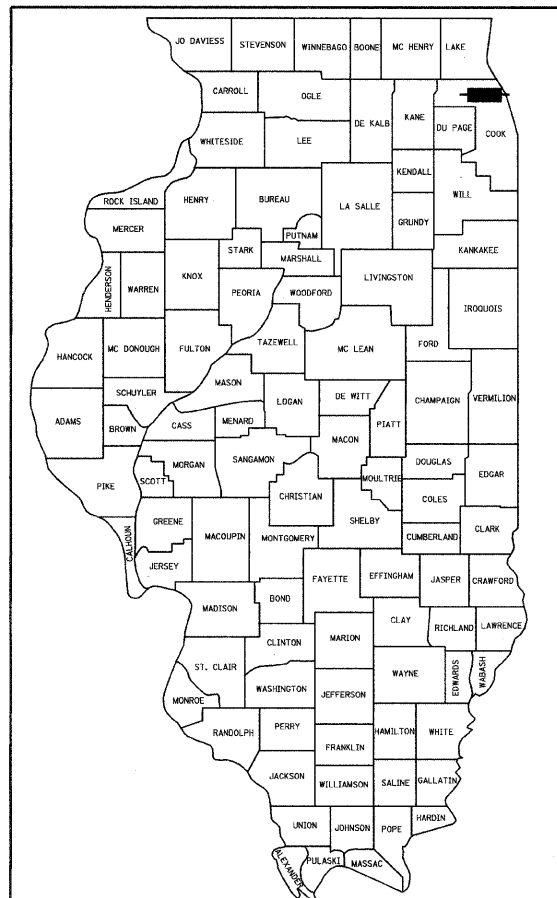


54+1 = 55

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	1
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63359



LOCATION OF SECTION INDICATED THUS: - [Symbol] -

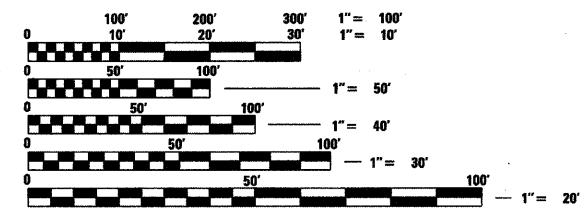
INDEX OF SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN CITY OF DES PLAINES

TRAFFIC DATA AND DESIGN DESIGNATION

CITY OF DES PLAINES:				
	VPD (YEAR)	POSTED SPEED (MPH)	DESIGN SPEED (MPH)	FUNCTIONAL CLASS
Dulles Road/Bradley Street	<300	25	25	Local
Little Path Road	<300	25	25	Local
Westmere Road	<300	25	25	Local
Fremont Avenue	<300	25	25	Local
Westgate Road	<300	25	25	Local
Thacker Street - East of Wolf Rd.	11,800	25	25	Minor Arterial
Pearson Street	3,400	25	25	Local
Scott Street	<300	25	25	Local
Pratt Avenue	<300	25	25	Local
Maple Street	<300	25	25	Local
Howard Avenue	<300	25	25	Local
White Street	<300	25	25	Local
Lincoln Avenue	<300	25	25	Local
Cora Street	<300	25	25	Local
Everett Street	<300	25	25	Local
Dexter Lane	<300	25	25	Local
Prospect Lane	<300	25	25	Local
Lee Street	16,000	25	25	Local
Prospect Lane	<300	25	25	Local
Webster Lane	580	25	25	Local
Carol Lane	<300	25	25	Local
Webster Lane	<300	25	25	Local
Algonquin Road	9,300	25	25	Local
Howard Avenue	3,000	25	25	Local
Fargo Avenue	<300	25	25	Local
Lee Street	16,000	25	25	Local
Chestnut Street	<300	25	25	Local
Forest Avenue	600	25	25	Local
Fifth Avenue	<300	25	25	Local
Cordial Drive	550	25	25	Local
Marshall Drive	400	25	25	Local
Dover Drive	<300	25	25	Local
Kolpin Drive/Seymour Avenue	<300	25	25	Local
Florian Drive	700	25	25	Local
Marshall Drive	750	25	25	Local
Walnut Avenue	250	25	25	Local
Warrington Road	<300	25	25	Local
COOK COUNTY HIGHWAYS:				
Thacker Street - West of Wolf Rd.	12,300	35	35	Minor Arterial
Mount Prospect Road	17,700	45	45	Collector, Urban



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 311

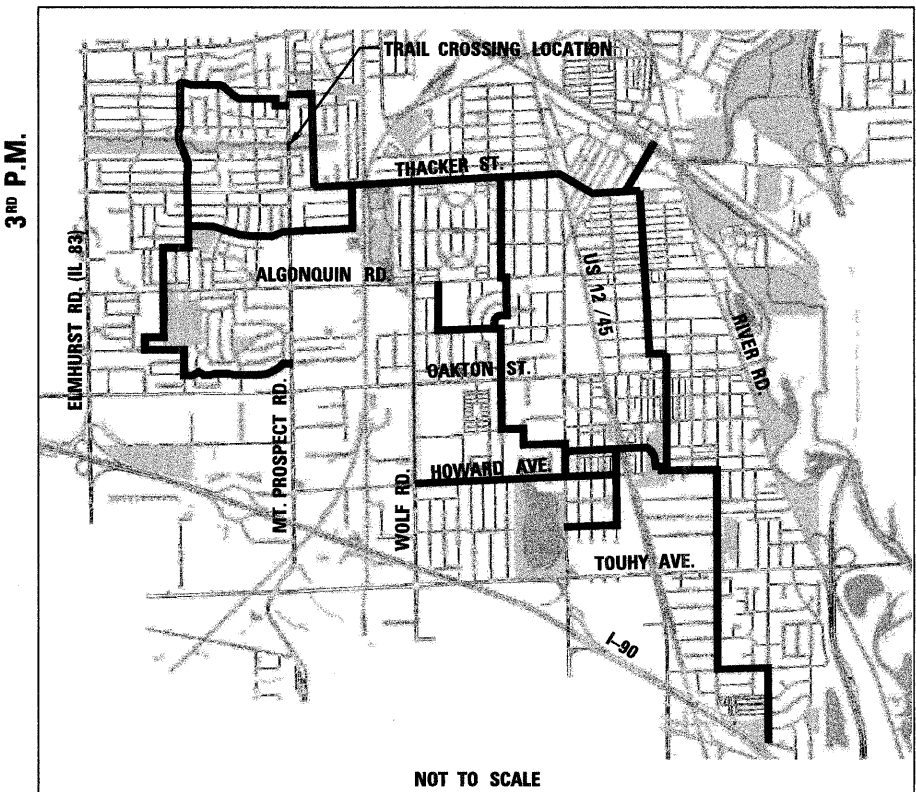
IDOT FIELD ENGINEER: KEVIN STALLWORTH, P.E. (847) 705-4169
PROJECT MANAGER: DONALD JAKESCH, P.E. (312) 777-2900

CONTRACT NO. 63359

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID PROJECT**

VARIOUS ROUTES
BIKE PLAN IMPLEMENTATION
SECTION 09-00208-00-BT
PROJECT NO.: CMM-9003 (639)
CITY OF DES PLAINES
COOK COUNTY
C-91-533-10

R. 10 E.



NOT TO SCALE
MAINE TOWNSHIP

GROSS LENGTH OF PROJECT = 87357 FT. = 16.5 MI.
NET LENGTH OF PROJECT = 87357 FT. = 16.5 MI.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 4-22 2010
Donald A. Jakesch
Director of Public Works and Engineering CITY OF DES PLAINES

PASSED MAY 27 2010
Christoph Holt
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID
BASED ON LIMITED
REVIEW MAY 27, 2010
Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER



Signed Donald A. Jakesch
Donald A. Jakesch, P.E. Ill. Lic. No. 062-039374
Expires 11-30-2011
Date 04-21-10

SEE SHEET NO. 2
FOR PROJECT ROUTE
LIMITS INFORMATION

TYLIN INTERNATIONAL
PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
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11	SIGNING PLAN INDEX MAP
12	TRAIL CROSSING, MT. PROSPECT ROAD
13	TRAIL CROSSING - DETAIL, MT. PROSPECT ROAD
14	PLAN SHEET LEGEND
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16	SIGNING PLAN - LITTLE PATH RD./WESTMERE RD./FREMONT AVE.
17	SIGNING PLAN - WESTGATE ROAD
18-21	SIGNING AND PAVEMENT MARKING PLAN - THACKER STREET
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23	SIGNING AND PAVEMENT MARKING PLAN - SCOTT STREET
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27	SIGNING AND PAVEMENT MARKING PLAN - HOWARD AVENUE/WHITE STREET
28	SIGNING AND PAVEMENT MARKING PLAN - WHITE STREET/LINCOLN AVENUE
29-30	SIGNING PLAN - CORA STREET
31	SIGNING PLAN - EVERETT AVENUE/DEXTER LANE
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34	SIGNING PLAN - WEBSTER LANE
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36	SIGNING PLAN - WEBSTER LANE
37-38	SIGNING PLAN - HOWARD AVENUE
39	SIGNING PLAN - FARGO AVENUE/LEE STREET
40	SIGNING PLAN - CHESTNUT STREET
41	SIGNING PLAN - FOREST AVENUE
42	SIGNING PLAN - FIFTH AVENUE
43	SIGNING PLAN - CORDIAL DRIVE/MARSHALL DRIVE
44	SIGNING PLAN - DOVER DRIVE
45	SIGNING PLAN - KOLPIN DRIVE
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49	SIGNING PLAN - WALNUT AVENUE
50	SIGNING PLAN - WALNUT AVENUE/WARRINGTON ROAD
51-52	SIGN DETAILS
53	PAVEMENT MARKING DETAILS
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54a	BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALK
602011-01	CATCH BASIN, TYPE C
604001-03	FRAME AND LID, TYPE 1
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701501-05	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701601-06	URBAN LANE CLOSURE, 2L, 2W WITH NONTRAVERSABLE MEDIAN
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS

PROJECT ROUTE LIMITS (SEE SHEET 11 FOR LARGER MAP)

STREET	FROM	TO	JURISDICTION
DULLES RD/BRADLEY	MARSHALL	LITTLE PATH	CITY OF DES PLAINES
LITTLE PATH ROAD	BRADLEY	WESTMERE	CITY OF DES PLAINES
WESTMERE ROAD	LITTLE PATH	MT. PROSPECT	CITY OF DES PLAINES
FREMONT AVENUE	MT. PROSPECT	WESTGATE	CITY OF DES PLAINES
WESTGATE ROAD	FREMONT	THACKER	CITY OF DES PLAINES
THACKER STREET	WESTGATE	WOLF	COOK COUNTY
THACKER STREET	WOLF	CORA	CITY OF DES PLAINES
PEARSON STREET	ELLINWOOD	THACKER	CITY OF DES PLAINES
SCOTT STREET	PRATT	SUNSET	CITY OF DES PLAINES
PRATT AVENUE	MAPLE	SCOTT	CITY OF DES PLAINES
MAPLE STREET	HOWARD	PRATT	CITY OF DES PLAINES
HOWARD AVENUE	WOLF	MAPLE	CITY OF DES PLAINES
WHITE	LINCOLN	HOWARD	CITY OF DES PLAINES
LINCOLN	CORA	WHITE	CITY OF DES PLAINES
CORA	THACKER	LINCOLN	CITY OF DES PLAINES
EVERETT	WEBSTER	DEXTER	CITY OF DES PLAINES
DEXTER	EVERETT	PROSPECT	CITY OF DES PLAINES
PROSPECT LANE	DEXTER	ARNDT PARK	CITY OF DES PLAINES
WEBSTER LANE	THACKER	EVERETT	CITY OF DES PLAINES
CAROL LANE	WEBSTER	FOREST	CITY OF DES PLAINES
ALGONQUIN ROAD	WEBSTER	WEBSTER	CITY OF DES PLAINES
FARGO AVENUE	LEE	CHESTNUT	CITY OF DES PLAINES
LEE STREET	PROSPECT	HOWARD	CITY OF DES PLAINES
CHESTNUT STREET	FARGO	PROSPECT	CITY OF DES PLAINES
FOREST AVENUE	FIFTH	WEBSTER	CITY OF DES PLAINES
FIFTH AVENUE	ALGONQUIN	FOREST	CITY OF DES PLAINES
CORDIAL DRIVE	JOYCE	MARSHALL	CITY OF DES PLAINES
MARSHALL DRIVE	CORDIAL	DOVER	CITY OF DES PLAINES
DOVER DRIVE	MARSHALL	MT. PROSPECT	CITY OF DES PLAINES
KOLPIN/SEYMOUR	FLORIAN	ELIZABETH	CITY OF DES PLAINES
FLORIAN DRIVE	SEYMOUR	MARSHALL	CITY OF DES PLAINES
MARSHALL DRIVE	DULLES	FLORIAN	CITY OF DES PLAINES
WALNUT AVENUE	MARSHALL	WARRINGTON	CITY OF DES PLAINES
WARRINGTON	THACKER	WALNUT	CITY OF DES PLAINES
MT. PROSPECT ROAD	MILLERS	KATHLEEN	COOK COUNTY

GENERAL NOTES

IN ADDITION TO THE REQUIREMENTS SET FORTH IN THE DETAILED SPECIFICATIONS, THE FOLLOWING SHALL BE FOLLOWED:

- 1 THE CONTRACTOR SHALL MAINTAIN ALL ROADWAYS OPEN TO TRAFFIC AS SHOWN ON THE MAINTENANCE OF TRAFFIC STANDARDS.
- 2 PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL MEET IN THE FIELD WITH THE ENGINEER TO LOCATE ALL SIGNS AND PAVEMENT MARKINGS. NO WORK SHALL BE DONE WITHOUT PRIOR MEETINGS ON THE SITE.
- 3 THE CONTRACTOR SHALL ACQUIRE ANY NECESSARY PERMITS FROM IDOT OR CCHD FOR ROUTES UNDER THEIR RESPECTIVE JURISDICTIONS, PER ARTICLE 107.04.
- 4 ALL D1-1b SIGNS IN A GIVEN ASSEMBLY SHALL HAVE SIGN PANELS OF EQUAL DIMENSIONS. NOTE: IF A NEW D1-1b PANEL IS BEING ADDED TO AN EXISTING ASSEMBLY, THAT NEW PANEL MAY BE LONGER IN WIDTH THAN THE REST OF THE ASSEMBLY IF THE LEGEND TEXT OF THE NEW PANEL WARRANTS A LARGER PANEL SIZE.
- 5 WHEN THE TOP-MOST PANEL OF A D1-1b ARRAY DOES NOT CONTAIN AN 'UP' ARROW (BUT RATHER A 'LEFT', OR OTHER) INSTALL THAT TOP-MOST D1-1b PANEL WITH SUFFICIENT SPACE ABOVE IT TO INSTALL ANOTHER D1-1b PANEL ON THE POST AT A FUTURE DATE. THIS APPLIES TO PUNCHED SIGN POSTS, (DIG OR DIG MOUNT) AND PUNCHED SIGN POST EXTENSIONS.
- 6 THESE NOTES MAY BE SUPPLEMENTED BY ADDITIONAL NOTES AS INDIVIDUAL PLAN SHEETS MAY REQUIRE.
- 7 WHEN D1-1b SIGNS ARE INSTALLED IN A NEW OR EXISTING ASSEMBLY, THE NEXT CLOSEST DESTINATIONS LYING STRAIGHT AHEAD SHALL BE AT THE TOP OF THE ASSEMBLY AND BELOW IT, THE CLOSEST DESTINATION TO THE LEFT AND TO THE RIGHT, IN THAT ORDER.
- 8 THE CONTRACTOR SHALL ENSURE THAT ANY SIGN INSTALLED DOES NOT BLOCK OR OBSCURE ANY EXISTING TRAFFIC SIGN, SIGNAL OR OTHER TRAFFIC CONTROL DEVICE. IF A SIGN WILL BLOCK OF OBSCURE AN EXISTING TRAFFIC SIGN, SIGNAL OR OTHER TRAFFIC CONTROL DEVICE, THE ENGINEER SHALL BE CONTACTED BEFORE THAT SIGN IS INSTALLED.
- 9 BOXED ITEMS ARE INCLUDED IN THIS CONTRACT AND SHALL NOT BE PAID FOR SEPARATELY UNDER ANY ITEM OF WORK.
- 10 AT LEAST TWO (2) DAYS ADVANCE NOTICE PRIOR TO THE START OF WORK SHALL BE GIVEN TO THE COUNTY PERMIT DIVISION, MR. BHANU VYAS (312) 603-1670 FOR WORK ON COOK COUNTY ROUTES.

COOK COUNTY HIGHWAY DEPARTMENT

GENERAL NOTES

(WORK ON MT. PROSPECT ROAD AND THACKER/DEMPSTER ST.)

- 1 NO LANE CLOSURES OR TRAFFIC DETOURS RELATING TO PERMITTED WORK WILL BE ALLOWED BETWEEN THE HOURS OF 6 A.M. TO 9 A.M. AND 3 P.M. TO 6:30 P.M., (OTHER THAN AS ALLOWED FOR EMERGENCY MAINTENANCE PER THE ORDINANCE). ALL TRAFFIC CONTROL DEVICES MUST CONFORM TO THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS."
- 2 THE PAVEMENT, PARKWAY AND ALL DRAINAGE SYSTEMS SHALL BE KEPT CLEAN AND FREE OF DEBRIS AT ALL TIMES.
- 3 NO EQUIPMENT OTHER THAN PNEUMATIC-TIRED EQUIPMENT USED DURING THE INSTALLATION SHALL BE PERMITTED TO STOP OR OPERATE ON THE PAVEMENT NOR SHALL ANY EXCAVATED MATERIALS BE STORED TEMPORARILY OR OTHERWISE ON THE COUNTY HIGHWAY PAVEMENT.
- 4 ACCESS TO DRIVEWAYS, HOUSES, BUILDINGS OR OTHER PROPERTY ABUTTING THE SITE OF THE PERMITTED WORK SHALL NOT BE BLOCKED.
- 5 OPERATIONS SHALL BE CONDUCTED IN A MANNER SO AS TO INSURE THE MINIMUM HINDRANCE TO TRAFFIC.
- 6 THE USE OF FLAGMEN AND THAT THE NUMBER, TYPE, COLOR, SIZE AND PLACEMENT OF ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS." ALL TRENCHES AND OPENINGS MADE IN THE PUBLIC WAY SHALL BE BACKFILLED WITH SAND OR LIMESTONE SCREENING ADEQUATELY COMPACTED IN ACCORDANCE WITH METHOD 1 SPECIFIED IN ARTICLE 550.07 OF THE STATE STANDARD SPECIFICATIONS.
- 7 ALL PAVEMENT OPENINGS AND CURB CUTS SHALL BE SAW CUT FULL DEPTH.
- 8 ALL PAVEMENT OPENINGS SHALL BE IMMEDIATELY SURFACED WITH A TEMPORARY BITUMINOUS PATCH AT LEAST THREE INCHES IN THICKNESS. THIS PATCH THEN MUST BE INSPECTED DAILY AND ADDITIONAL BITUMINOUS PATCH MATERIAL MUST BE PLACED, DAILY IF NECESSARY, TO MAINTAIN THE PATCHED AREA AT THE SAME ELEVATION AS THE ADJACENT UNDISTURBED PAVEMENT FOR A PERIOD OF NOT LESS THAN 30 DAYS. AFTER 30 DAYS PERMANENT REPLACEMENT IN KIND SHALL BE MADE TO THE BASE COURSE AND PAVEMENT SURFACE.
- 9 THAT A MINIMUM DEPTH OF 42 INCHES WILL BE MAINTAINED FROM THE GROUND SURFACE TO THE TOP OF THE CONDUIT, CABLE OR PIPE AND A MINIMUM DEPTH OF 36 INCHES FROM THE TRUE FLOW LINE OF THE DRAINAGE DITCH TO THE TOP OF THE CONDUIT, CABLE OR PIPE.
- 10 THAT ALL EXCAVATION WORK WITHIN THREE (3) FEET OF THE PAVEMENT EDGE WILL BE DONE MANUALLY.
- 11 IN THE REMOVAL OF SIDEWALKS, CURB, GUTTER OR PAVEMENT, THE USE OF ANY TYPE OF CONCRETE BREAKER THAT WILL DAMAGE THE UNDERGROUND STRUCTURES WILL NOT BE PERMITTED.
- 12 ALL TRENCHES IN COOK COUNTY RIGHT OF WAY SHALL BE BACKFILLED WITH FA-6 SAND IN ACCORDANCE WITH ARTICLE 550.07 OF THE STATE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -	CITY OF DES PLAINES STAGE 1 BIKE NETWORK	GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TG	REVISED -			09-00208-00-BT	COOK	54	3	
	CHECKED - DAJ	REVISED -			CONTRACT NO. 63359				
	DATE - 04/26/10	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SPECIALTY ITEMS	PAY ITEM	ITEM DESCRIPTION	UNIT	CMAQ 80%	CONSTRUCTION	
				LOCAL 20%	TYPE CODE	
				TOTAL	SFTY-1B	Y002-1C
				QUANTITY		
	20200100	EARTH EXCAVATION	CU YD	132	132	
	20800150	TRENCH BACKFILL	CU YD	46	46	
	21101615	TOPSOIL-FURNISH AND PLACE, 4"	SQ YD	224	224	
	25100630	EROSION CONTROL BLANKET	SQ YD	224	224	
	25200110	SODDING, SALT TOLERANT	SQ YD	224	224	
	25200200	SUPPLEMENTAL WATERING	UNIT	10	10	
	28000510	INLET FILTERS	EACH	7	7	
	35102000	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	299	299	
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	149	149	
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	56	56	
	42001300	PROTECTIVE COAT	SQ YD	114	114	
	42400430	PORTLAND CEMENT SIDEWALK, 5"	SQ FT	565	565	
	42400800	DETECTABLE WARNINGS	SQ FT	80	80	
	44000100	PAVEMENT REMOVAL	SQ YD	179	179	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	48	48	
	44000600	SIDEWALK REMOVAL	SQ FT	100	100	
	550A0340	STORM SEWERS, CLASS A, TYPE 2 - 12"	FOOT	55	55	
	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1	1	
	60600605	CONCRETE CURB, TYPE B	FOOT	92	92	
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	24	24	
	60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	24	24	
	60618800	CONCRETE MEDIAN, TYPE SB	SQ FT	80	80	
	67100100	MOBILIZATION	L SUM	1	1	
	70102620	TRAFFIC CONTROL AND PROTECTION - STANDARD 701501	L SUM	1	1	
	70102625	TRAFFIC CONTROL AND PROTECTION - STANDARD 701606	L SUM	1	1	
	70102630	TRAFFIC CONTROL AND PROTECTION - STANDARD 701601	L SUM	1	1	
	70102635	TRAFFIC CONTROL AND PROTECTION - STANDARD 701701	L SUM	1	1	
	70102640	TRAFFIC CONTROL AND PROTECTION - STANDARD 701801	L SUM	1	1	
*	72000100	SIGN PANEL - TYPE 1	SQ FT	642		642
*	72400500	RELOCATE SIGN PANEL ASSEMBLY, TYPE A	EACH	105		105
*	72900210	METAL POST, TYPE B	EACH	206		206
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3,479	3479	
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10,000	10000	
*	78003100	PREFORMED PLASTIC PAVEMENT MARKING - TYPE B LETTERS & SYMBOLS	SQ FT	226	226	
*	78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	96	96	
*	78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	224	224	
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	100	100	

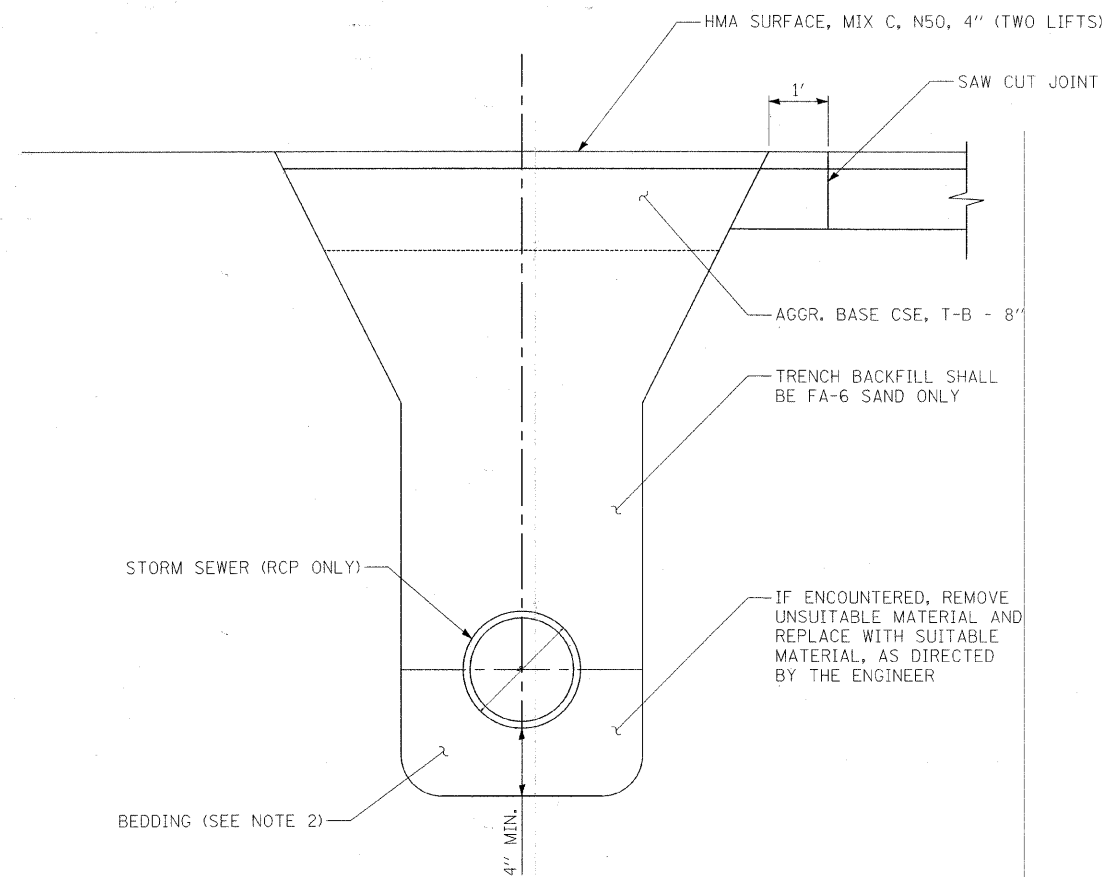
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 10/2/09	REVISED -

**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

SUMMARY OF QUANTITIES

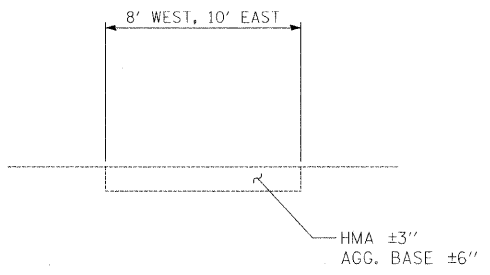
F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
09-00208-00-BT	COOK	54	4
CONTRACT NO. 63359			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



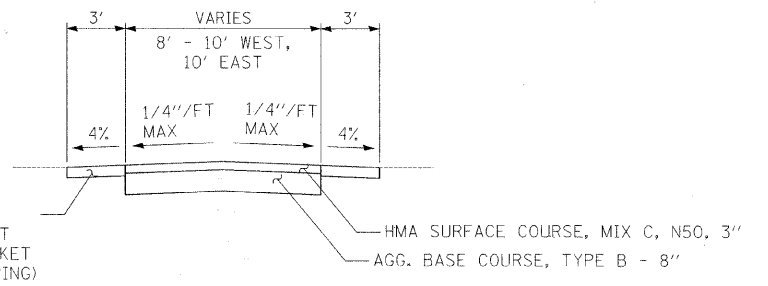
NOTES:

1. TRENCH SHALL BE IN ACCORDANCE WITH OSHA SAFETY STANDARDS.
2. BEDDING SHALL BE REQUIRED TO BE A MINIMUM THICKNESS EQUAL TO 1/4 OF THE OUTSIDE DIAMETER OF THE PIPE BUT SHALL NOT BE LESS THAN 4." AS A MINIMUM, BEDDING AND HAUNCHING MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." THE GRADATIONS SHALL BE CA-7. THE COST OF THE BEDDING IS INCLUDED IN THE COST OF STORM SEWER, TYPE A, 12."

TRENCH BACKFILL DETAIL FOR STORM SEWER



EXISTING BICYCLE PATH



PROPOSED BICYCLE PATH

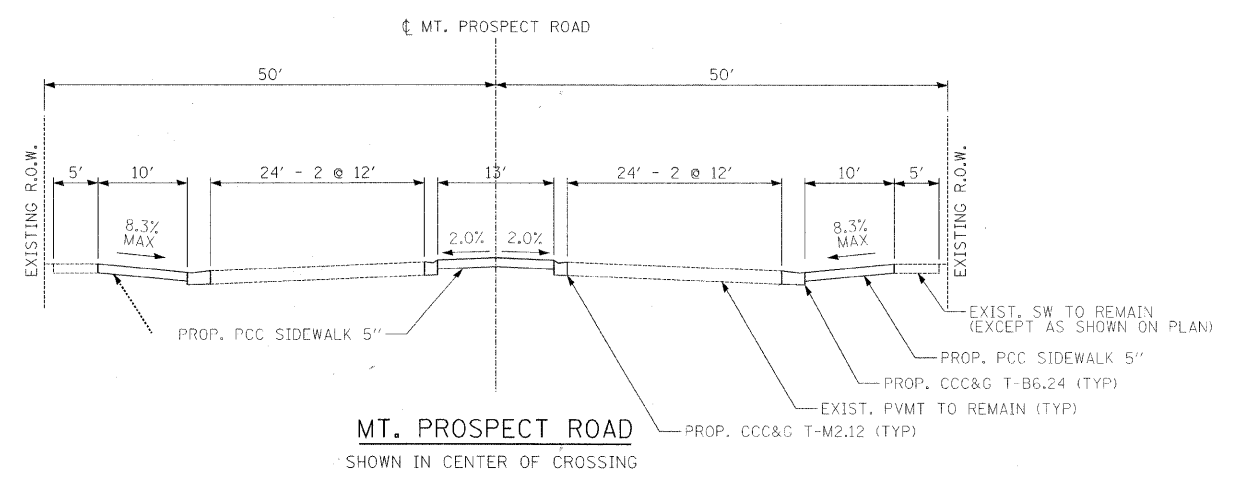
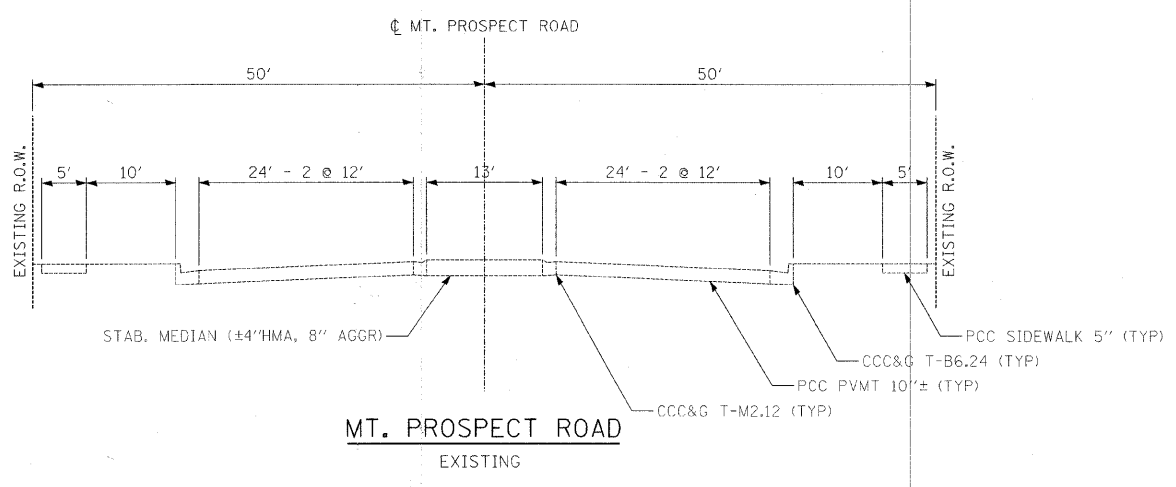
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
BICYCLE TRAIL: HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 (IL-9.5mm) - 3"	4% @ 50 Gyr.
MEDIAN: HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 (IL-9.5mm) - 4" (TWO LIFTS)	4% @ 50 Gyr.

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

"THE AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED 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



**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

**TRAIL CROSSING - TYPICAL SECTIONS
MOUNT PROSPECT ROAD**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	5
CONTRACT NO. 63359				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

Street	Segment		Sign Posts	Sign Assembly Relocations	D11-1		D1-1b				Other		Unit Area	Total (SF)
	From	To			Qty.	Legend	Qty.	Arrow	Legend	Mileage	Type	Qty.		
Dulles Road/Bradley Street	Marshall	Little Path	1	1			1	L	High Ridge Knolls	1/4			1.5	1.5
			1				1	L	Brentwood School and Park				1.5	1.5
			1				1	R	Brentwood School and Park				1.5	1.5
			2	2	2	West to Brentwood School and Park							3	6
Little Path Road	Bradley	Westmere	1	1			1	L	High Ridge Knolls	1			1.5	1.5
							1	L	Brentwood School and Park	1/2			1.5	1.5
Westmere Road	Little Path	Mt. Prospect	1	0			1	R	High Ridge Knolls	1			1.5	1.5
							1	R	Brentwood School and Park	1/2			1.5	1.5
Fremont Avenue	Mt. Prospect	Westgate	1	1			1	R	Prairie Lakes Park	1			1.5	1.5
			1	1	1	East to Prairie Lakes Park			1	R	High Ridge Knolls	1/4		
Westgate Road	Fremont	Thacker	2	0	2	South to Prairie Lakes Park							3	6
			1	0			1	S	Tomahawk Park	1/8			1.5	1.5
			1	2	1	North to Tomahawk Park							3	3
			1	0			1	L	Downtown Des Plaines	2			1.5	1.5
							1	L	Prairie Lakes Park	1/2			1.5	1.5
			1	0			1	R	High Ridge Knolls Park				1.5	1.5
Thacker Street	Westgate	Cora	7	5	7	East to Downtown Des Plaines							3	21
			1	0			1	R	Friendship Park	1			1.5	1.5
							1	S	Downtown Des Plaines	1 1/2			1.5	1.5
			1	1			1	R	Tomahawk Park	1/2			1.5	1.5
							1	R	High Ridge Knolls	1/4			1.5	1.5
			1	0			1	L	Friendship Park	1 1/4			1.5	1.5
							1	R	Einstein Park	1			1.5	1.5
			1	0			1	L	Prairie Lakes Park				1.5	1.5
			1	0			1	R	Prairie Lakes Park				1.5	1.5
			6	6	6	West to Prairie Lakes Park							3	18
			1	1			1	R	Algonquin/Forest Schools	1			1.5	1.5
							1	R	Lake Park	2			1.5	1.5
							1	S	Downtown Des Plaines	1			1.5	1.5
			1	0			1	L	Algonquin/Forest Schools	1			1.5	1.5
							1	S	Prairie Lakes Park	1/2			1.5	1.5
1	2			1	R	Downtown Des Plaines	1/4			1.5	1.5			
1	2			1	UL	Downtown Des Plaines	1/4			1.5	1.5			
				1	S	Central School	1/4			1.5	1.5			
1	1			1	R	South School and Park	1 1/2			1.5	1.5			
			8	0						W11-1a	10	6.25	63	

Street	Segment		Sign Posts	Sign Assembly Relocations	D11-1		D1-1b				Other		Unit Area	Total (SF)		
	From	To			Qty.	Legend	Qty.	Arrow	Legend	Mileage	Type	Qty.				
Pearson Street	Ellinwood	Thacker	1	1				1	R	Prairie Lakes Park	1		1.5	1.5		
								1	L	South School and Park	1 3/4		1.5	1.5		
										1	L	Central School and Park	1/8		1.5	1.5
			1	1	1	North to Downtown Des Plaines								3	3	
			1	1	1	West to Prairie Lakes Park								3	3	
			1	0	1	Bike Route Ends								3	3	
										W11-1a	2	6.25	12.5			
Scott Street	Pratt	Sunset	1	1	0	1	North to Downtown Des Plaines						3	3		
			1	1				1	L	Downtown Des Plaines	4		1.5	1.5		
										1	L	Des Plaines Leisure Center	1		1.5	1.5
			1	1	1	South to Seminole Park								3	3	
			2	0	0					W11-1a	2	6.25	12.5			
Pratt Avenue	Maple	Scott	1	1				1	R	Downtown Des Plaines	3 1/2		1.5	1.5		
								1	R	Des Plaines Leisure Center	1/2		1.5	1.5		
			1	1	1	East to Seminole Park							3	3		
			1	0	1	West to Downtown Des Plaines							3	3		
			1	0					1	R	Seminole Park	1/4		1.5	1.5	
Maple Street	Howard	Pratt	1	0				1	L	Seminole Park	1/2		1.5	1.5		
			2	2	2	North to Downtown Des Plaines						3	6			
			1	1	1	South to Seminole Park							3	3		
			1	1					1	L	Downtown Des Plaines	2		1.5	1.5	
			1	1	4	South to Des Plaines Leisure Center								3	3	
			4	0							W11-1a	4	6.25	25		
Howard Avenue	White	Maple	1	0				1	R	Downtown Des Plaines	1 3/4		1.5	1.5		
								1	R	South School and Park	1/4		1.5	1.5		
										1	R	Des Plaines Leisure Center	1/2		1.5	1.5
			1	1	1	East to Des Plaines Leisure Center							3	3		
			2	0							W11-1a	2	6.25	12.5		
South Park Path			1	0				1	L	Downtown Des Plaines	1 3/4		1.5	1.5		
										1	R	Des Plaines Leisure Center	1/2		1.5	1.5
White	Lincoln	Howard	3	3	3	North to Downtown Des Plaines							3	9		
			1	0				1	L	Des Plaines Leisure Center	1/2		1.5	1.5		
			2	2	2	South to South School and Park							3	6		
			1	0					1	R	South School and Park			1.5	1.5	
			1	0					1	L	South School and Park			1.5	1.5	
									1	S	Downtown Des Plaines	1 1/2		1.5	1.5	
			1	0					1	L	Downtown Des Plaines	1 1/4		1.5	1.5	
			3	0							W11-1a	3	6.25	18.75		
1	0	1	South to Des Plaines Leisure Center								3	3				

TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -
	DRAWN - TG	REVISED -
	CHECKED - DAJ	REVISED -
	DATE - 04/26/10	REVISED -

**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

SIGN SCHEDULE OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	7
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	

Street	Segment		Sign Posts	Sign Assembly Relocations	D11-1		D1-1b			Other		Unit Area	Total (SF)
	From	To			Qty.	Legend	Qty.	Arrow	Legend	Mileage	Type		
Lincoln	Cora	White	1	1			1	R	South School and Park	1/2		1.5	1.5
			1	0			1	R	Downtown Des Plaines	1		1.5	1.5
Cora	Thacker	Lincoln	4	4	4	North to Downtown Des Plaines						3	12
			3	2	3	South to South School and Park						3	9
			1	1			1	L	South School and Park	1/2		1.5	1.5
			1	0			1	L	Downtown Des Plaines	1/4		1.5	1.5
Everett	Webster	Dexter											
							1	R	Algonquin/Forest Schools	1/2		1.5	1.5
							1	R	Downtown Des Plaines	2 1/4		1.5	1.5
			1	0			1	R	Lake Park	3/4		1.5	1.5
Dexter	Everett	Prospect											
							1	R	South School and Park	3/4		1.5	1.5
							1	L	Algonquin/Forest Schools	3/4		1.5	1.5
							1	L	Downtown Des Plaines	2 1/2		1.5	1.5
Prospect Lane	Dexter	Lee	1	0			1	R	South School and Park	1/2		1.5	1.5
							1	R	Lake Park	1/2		1.5	1.5
Lee Street	Prospect	Prospect	1	1			1	L	Algonquin/Forest Schools	1 1/2		1.5	1.5
			1	0			1	L	South School and Park	1/2		1.5	1.5
							1	S	Lake Park	1/2		1.5	1.5
Prospect Lane	Lee	Arndt Park	1	0			1	R	Algonquin/Forest Schools	1 1/2		1.5	1.5
							1	L	Lake Park	1/2		1.5	1.5
			2	1	2	East to South School and Park						3	6
			2	1	2	West to Lake Park						3	6
			1	0			1	UR	Downtown Des Plaines	2		1.5	1.5
Webster Lane	Forest	Everett	2	2	2	North to Downtown Des Plaines						3	6
			2	2	2	South to Lake Park						3	6
			1	1			1	L	Lake Park	3/4		1.5	1.5
							1	L	South School and Park	3/4		1.5	1.5
			1	1			1	L	Downtown Des Plaines	2		1.5	1.5
Carol Lane	Webster	Forest											
							1	R	Algonquin/Forest Schools	1/4		1.5	1.5
							1	L	Lake Park	1 1/4		1.5	1.5

Street	Segment		Sign Posts	Sign Assembly Relocations	D11-1		D1-1b				Other		Unit Area	Total (SF)	
	From	To			Qty.	Legend	Qty.	Arrow	Legend	Mileage	Type	Qty.			
Webster Lane	Thacker	Carol	1	1				1	R	Algonquin/Forest Schools	1/4		1.5	1.5	
			2	0	2	North to Downtown Des Plaines			1	L	Lake Park	1 1/4		1.5	1.5
			3	2	3	South to Lake Park								3	6
			1	1					1	L	Downtown Des Plaines	1 1/2		1.5	1.5
			1	1					1	L	Algonquin/Forest Schools	1/2		1.5	1.5
									1	L	Lake Park	1 1/2		1.5	1.5
									1	R	Downtown Des Plaines	1		1.5	1.5
									1	L	Prairie Lakes Park	1/2		1.5	1.5
Algonquin Road	Webster	Webster	1	0			1	R	Downtown Des Plaines	1 1/2		1.5	1.5		
Howard Avenue	Wolf	Chestnut	3	1	3	East to Lake Park							3	9	
			2	1	2	West to Maine West H.S.								3	6
			1	0					1	R	Maine West H.S.			1.5	1.5
			1	0					1	L	Algonquin/Forest Schools	3/4		1.5	1.5
			1	0					1	R	Algonquin/Forest Schools	3/4		1.5	1.5
			1	0					1	R	Lake Park			1.5	1.5
			1	0					1	L	Lake Park			1.5	1.5
			1	2	1	East to South School and Park									3
			1	1			1	L	South Park and School	1/4		1.5	1.5		
Fargo Avenue	Lee	Chestnut	1	1	1	East to Downtown Des Plaines							3	3	
			1	1	1	West to Lake Park							3	3	
									1	L	South Park and School	1/2		1.5	1.5
									1	L	Downtown Des Plaines	4		1.5	1.5
Lee Street	Prospect	Howard	1	0				1	R	Maine West H.S.	1/2		1.5	1.5	
								1	R	Lake Park	1/4		1.5	1.5	
			1	0	1	North to Algonquin/Forest Schools							3	3	
Chestnut Street	Fargo	Prospect	2	0	2	South to Lake Park							3	6	
			1	0				1	R	Lake Park	1/2		1.5	1.5	
			2	0	2	North to Downtown Des Plaines							3	6	
			1	0				1	R	Downtown Des Plaines	2 1/4		1.5	1.5	
								1	R	South School and Park	1/8		1.5	1.5	
Forest Avenue	Fifth	Webster	1	1	1	East to Downtown Des Plaines							3	3	
			1	1	1	West to Algonquin/Forest Schools							3	3	
			1	0				1	S	Lake Park	1 1/4		1.5	1.5	
								1	L	Downtown Des Plaines	1 3/4		1.5	1.5	
			1	0				1	R	Downtown Des Plaines	2		1.5	1.5	
			1	0				1	R	Lake Park	1 1/4		1.5	1.5	

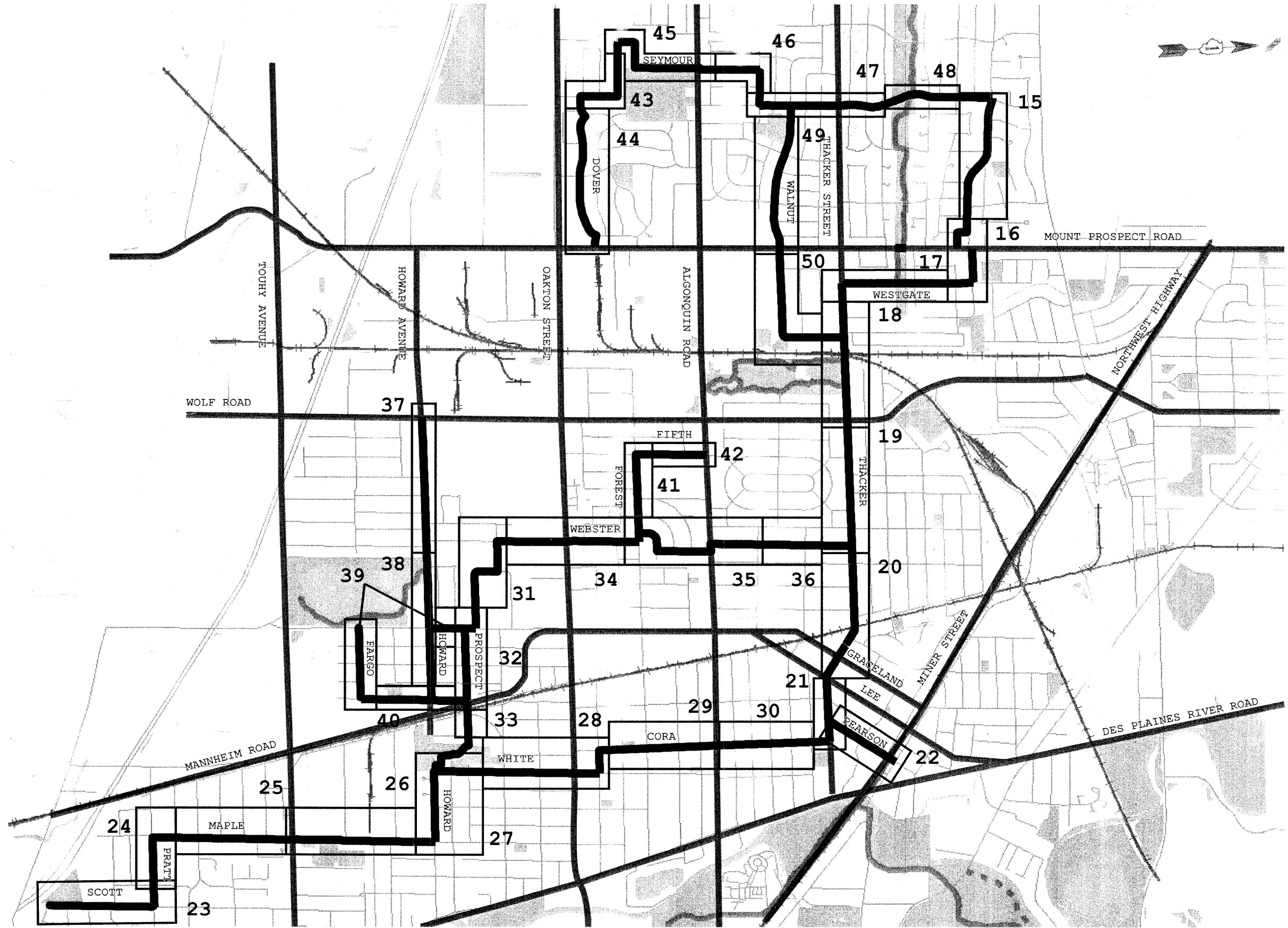
Street	Segment		Sign Posts	Sign Assembly Relocations	D11-1		D1-1b			Other		Unit Area	Total (SF)	
	From	To			Qty.	Legend	Qty.	Arrow	Legend	Mileage	Type			Qty.
Fifth Avenue	Algonquin	Forest	1	0			1	L	Downtown Des Plaines	2		1.5	1.5	
							1	L	Lake Park	1 1/2			1.5	1.5
Cordial Drive	Joyce	Marshall	1	0			1	R	Friendship School and Park	1/4		1.5	1.5	
Marshall Drive	Cordial	Dover	1	1	1	North to Friendship School and Park						3	3	
			1	1			1	L,S	Friendship School and Park	1/2			1.5	1.5
Dover Drive	Marshall	Mt. Prospect	1	1			1	R	Friendship School and Park	1/2		1.5	1.5	
			2	4	2	West to Friendship School and Park						3	6	
			1	0			1	L	Friendship School and Park	1/2			1.5	1.5
Kolpin/Seymour	Florian	Elizabeth	2	2	2	South to Friendship School and Park						3	6	
			1	1	1	North to High Ridge Knolls Park						3	3	
			1	1			1	R	High Ridge Knolls Park	3/4			1.5	1.5
Florian Drive	Seymour	Marshall	1	1	1	South to Friendship School and Park						3	3	
			1	0			1	L	High Ridge Knolls Park	1/2			1.5	1.5
			1	0			1	L	Friendship School and Park	1/4			1.5	1.5
Marshall Drive	Dulles	Florian	1	0			1	R	Friendship School and Park	1/2		1.5	1.5	
			3	3	3	South to Friendship School and Park						3	9	
			1	1			1	S	Friendship School and Park	1/2			1.5	1.5
							1	L	Einstein Park	1/4			1.5	1.5
			1	1			1	S	High Ridge Knolls Park	1/2			1.5	1.5
							1	R	Einstein Park	1/4			1.5	1.5
			2	2	2	North to High Ridge Knolls Park							3	6
			1	0	1	South to High Ridge Kolls Park							3	3
			1	0	1	North to Brentwood School and Park							3	3
Walnut Avenue	Marshall	Warrington	1	0			1	L	Friendship School and Park	1/2		1.5	1.5	
							1	R	High Ridge Knolls	1/2			1.5	1.5
			3	5	3	East to Prairie Lakes Park						3	9	
			3	4	3	West to Einstein Park						3	9	
			1	0			1	L	Prairie Lakes Park	1/4			1.5	1.5
Warrington Road	Thacker	Walnut	1	0			1	R	Einstein Park	3/4		1.5	1.5	
							1	R	Friendship School and Park	1 1/4			1.5	1.5
			1	0	1	South to Einstein Park						3	3	
			1	0			1	R	Prairie Lakes Park	1/8			1.5	1.5
				1	R	Downtown Des Plaines	1 3/4			1.5	1.5			
Mount Prospect Road	Millers	Kathleen	2	0							W11-1	2	6.25	12.5
			2	0							W16-7p	2	2	4
			2	0	2	Bike Route							3	6
			2	0							M6-4	2	0.75	1.5
Bike Path			2	0							R1-1	2	2.25	4.5
			2	0							R5-3	2	2	4
			3	0							W1-2	3	2.25	6.75
TOTAL			206	105	95		120				36	642		

TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -
	DRAWN - TG	REVISED -
	CHECKED - DAJ	REVISED -
	DATE - 04/26/10	REVISED -

**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

SIGN SCHEDULE OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	10
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63359	



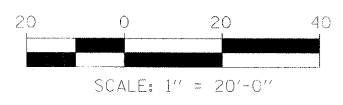
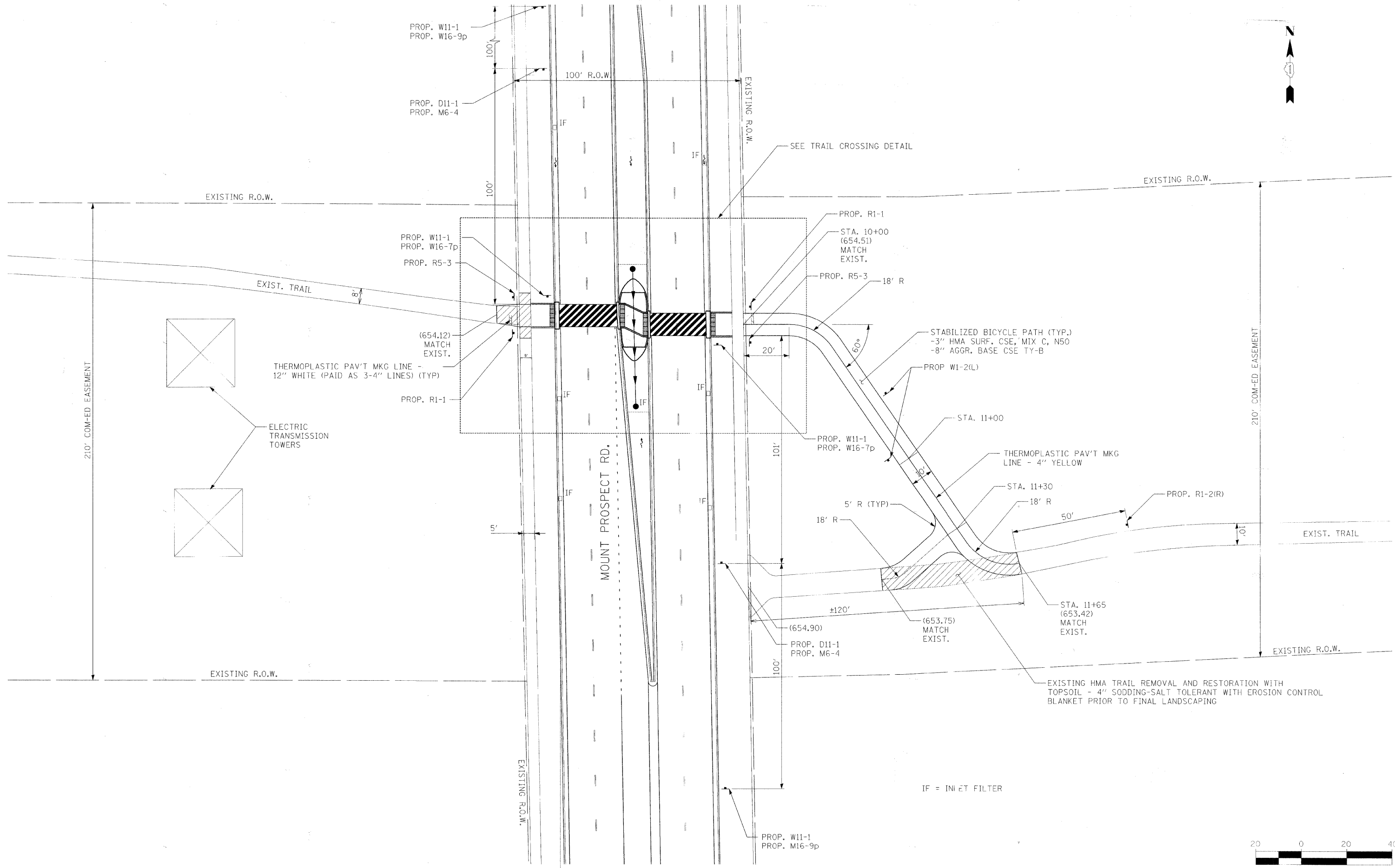
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
DULLES ROAD/BRADLEY STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	11
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



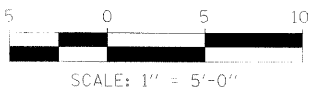
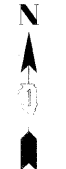
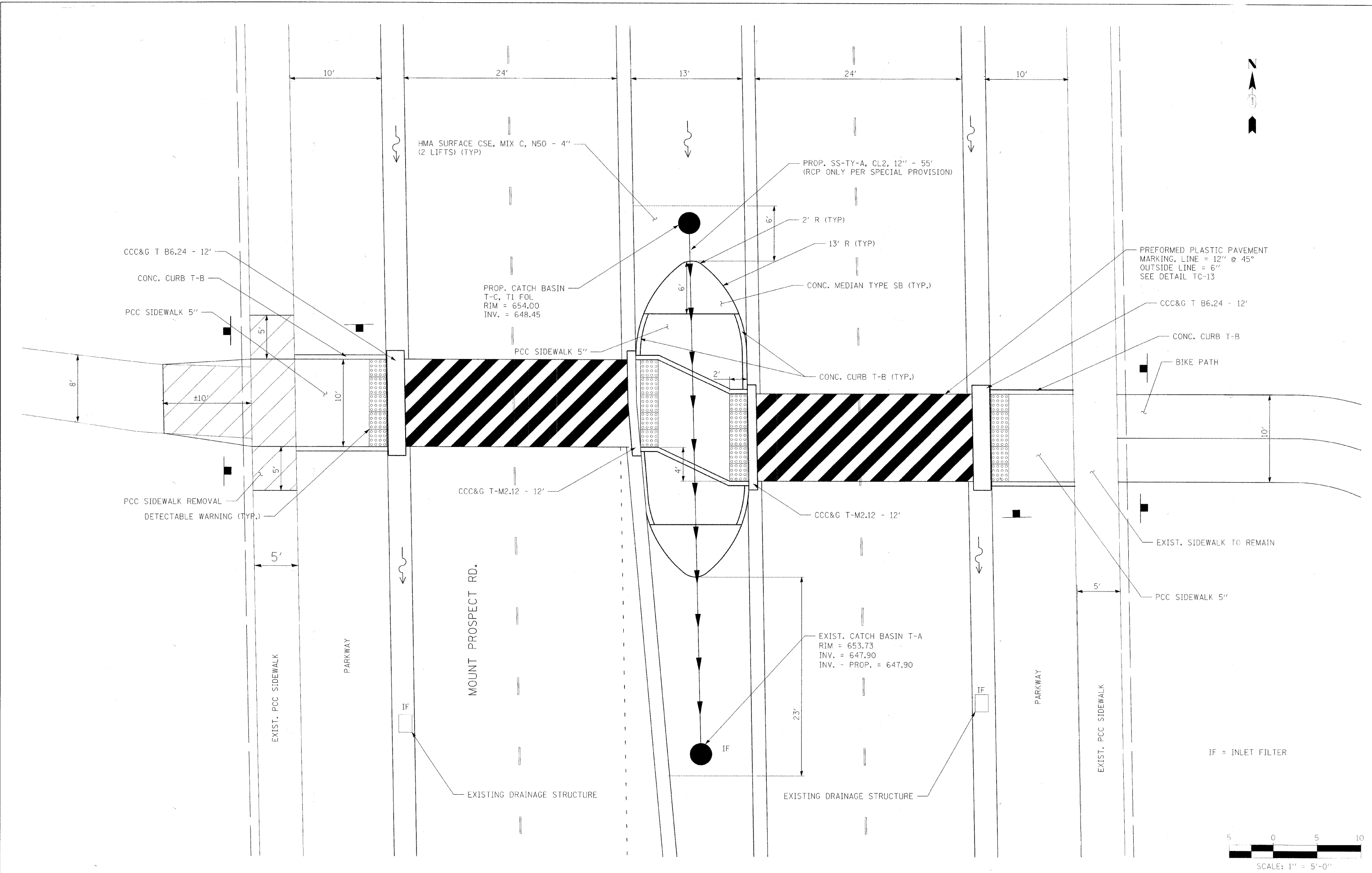
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**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

**TRAIL CROSSING
MOUNT PROSPECT ROAD**

USER NAME = #USER#	DESIGNED - SM	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - TG	REVISED -
PLOT DATE = 4/22/2010	CHECKED - DAJ	REVISED -
	DATE - 04/23/10	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	12
CONTRACT NO. 63359				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



USER NAME = #USER#	DESIGNED - SM	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - TG	REVISED -
PLOT DATE = 4/22/2010	CHECKED - DAJ	REVISED -
	DATE - 04/23/10	REVISED -

**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

**TRAIL CROSSING - DETAIL
MOUNT PROSPECT ROAD**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	13
CONTRACT NO. 63359				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

LEGEND

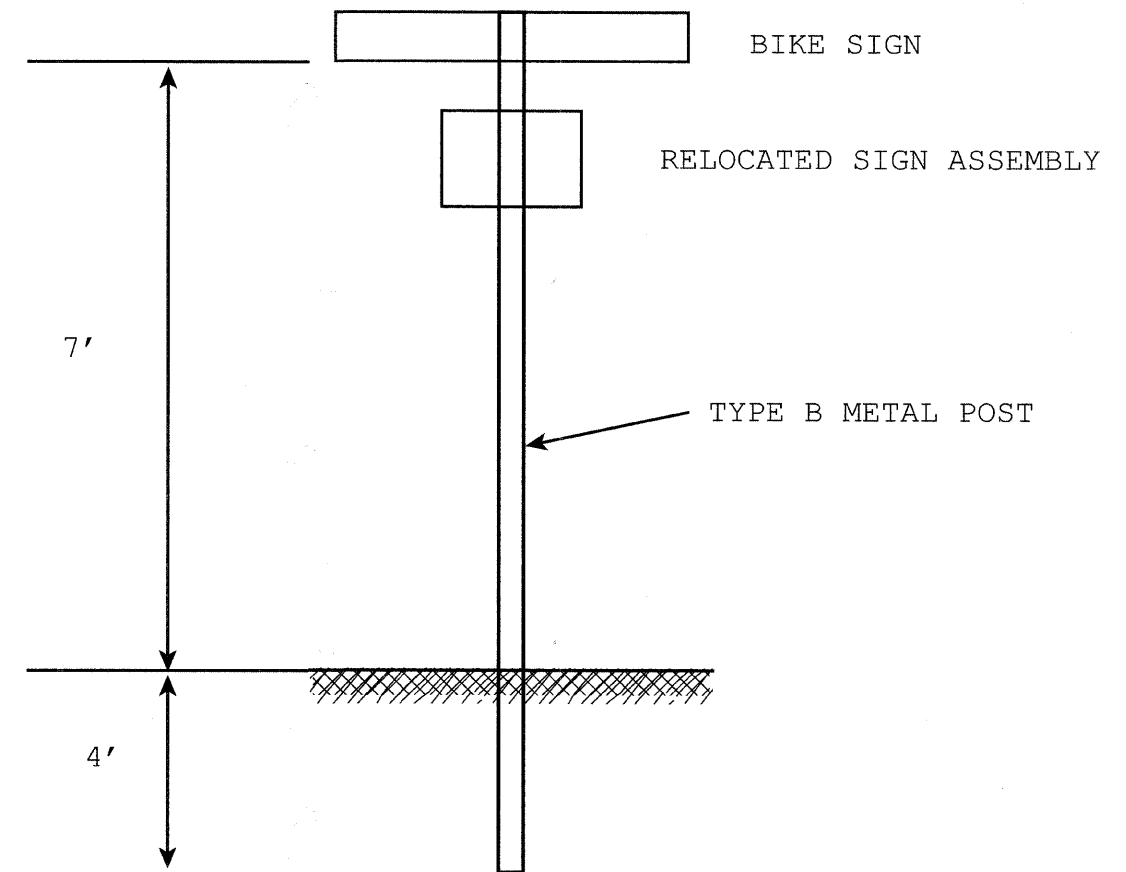
- EXISTING POST
- R EXISTING POST TO BE REMOVED, REPLACED EXISTING SIGN PANEL ASSEMBLY ON NEW METAL POST, TYPE B
- PROPOSED METAL POST, TYPE B
- ↔ APPROXIMATE DIMENSION FROM BACK OF CURB - UNLESS OTHERWISE NOTED
- EXISTING TRAFFIC SIGNAL
- ⊥ SCHEMATIC OUTLINE OF STREETS

SIGN ARROW DIRECTIONS:

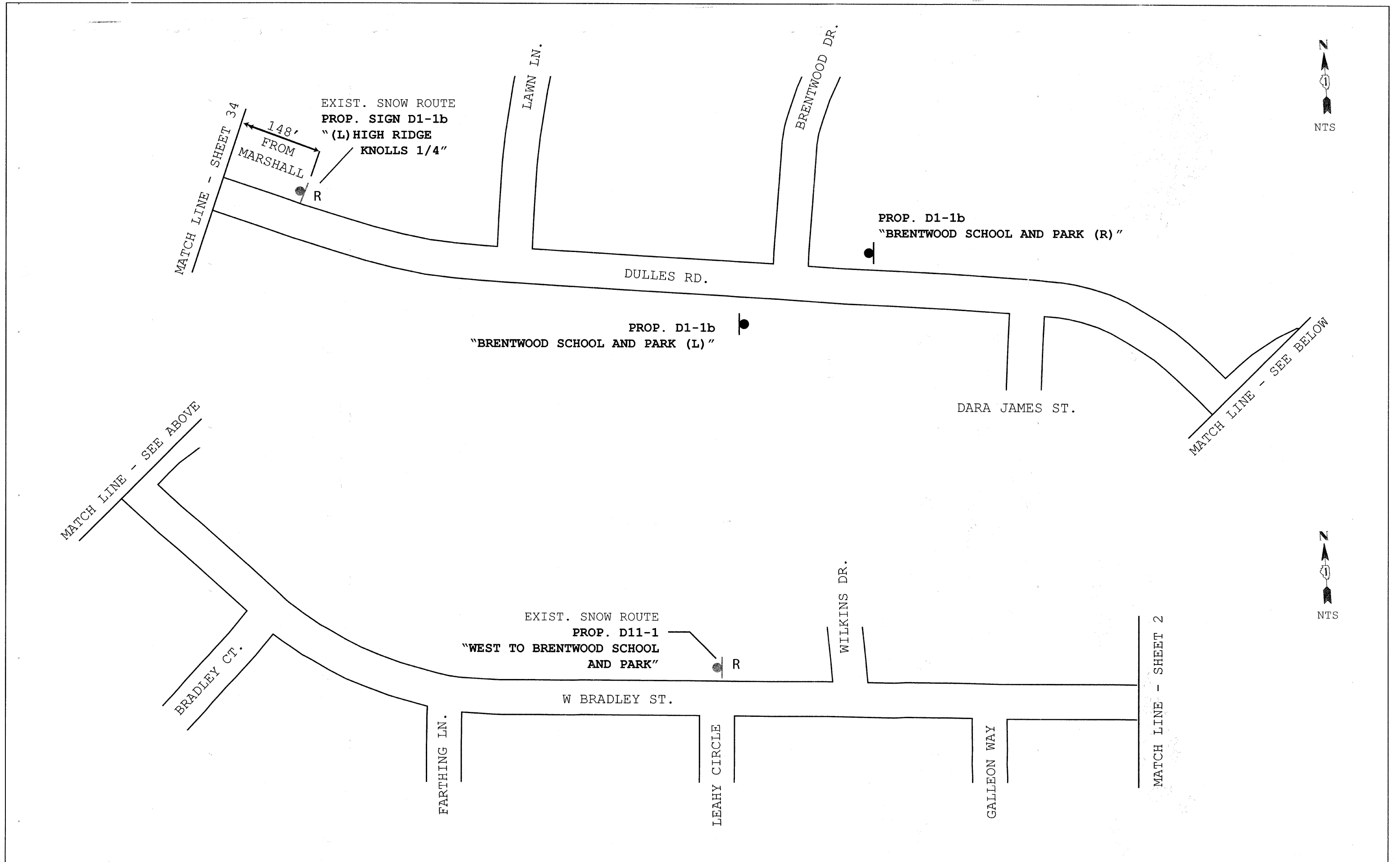
- (L) = LEFT ARROW
- (R) = RIGHT ARROW
- (S) = STRAIGHT (UP) ARROW
- (DL) = DIAGONAL UP-LEFT ARROW

PAVEMENT MARKINGS

1. PAVEMENT MARKINGS ON THACKER ST. WEST OF WOLF ROAD TO BE PREFORMED PLASTIC.
2. PAVEMENT MARKINGS ON ALL OTHER STREETS TO BE THERMOPLASTIC.



SIGN INSTALLATION DETAIL



TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

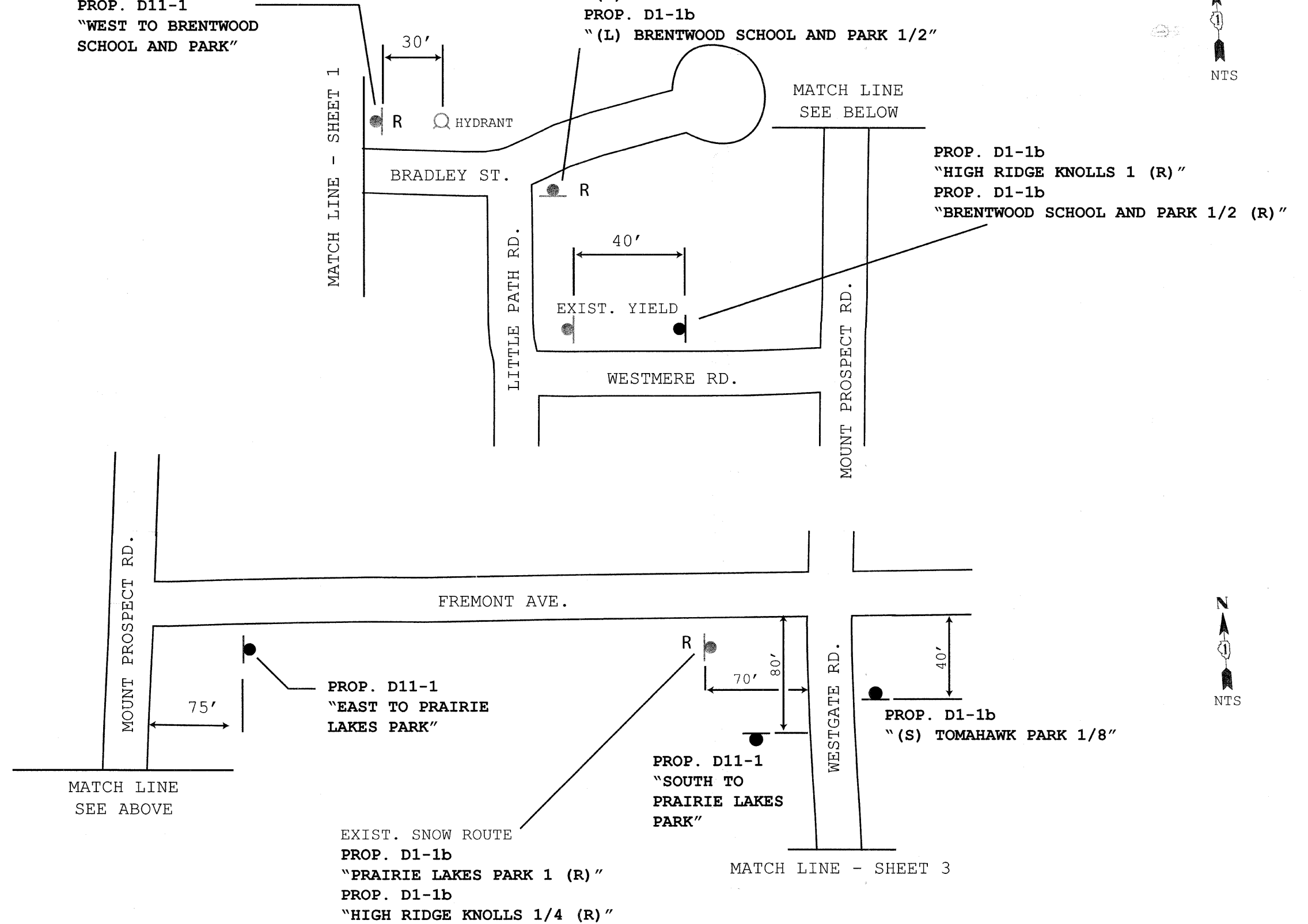
CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
DULLES ROAD/BRADLEY STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	15
CONTRACT NO. 63359				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

EXIST. SNOW ROUTE
 PROP. D11-1
 "WEST TO BRENTWOOD
 SCHOOL AND PARK"

EXIST. SNOW ROUTE
 PROP. D1-1b
 "(L) HIGH RIDGE KNOLLS 1"
 PROP. D1-1b
 "(L) BRENTWOOD SCHOOL AND PARK 1/2"

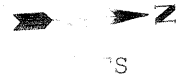


TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -
	DRAWN - TG	REVISED -
	CHECKED - DAJ	REVISED -
	DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
 STAGE 1 BIKE NETWORK

SIGNING PLAN
 LITTLE PATH RD./WESTMERE RD./FREMONT AVE.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	16
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



THACKER ST.

PROP. D1-1b
"(L) DOWNTOWN DES PLAINES 2"
PROP. D1-1b
"(L) PRAIRIE LAKES PARK 1/2"

50'

PROP. D11-1
SOUTH TO PRAIRIE LAKES PARK

80'

EXIST. PATH

PROP. D1-1b
"HIGH RIDGE KNOLLS PARK (R)"
EXIST. BIKE CROSSING

WESTGATE RD.

MATCH LINE
SEE BELOW

EXIST. BIKE CROSSING
PROP. D1-1b
"(L) HIGH RIDGE KNOLLS PARK"

MATCH LINE - SHEET 4



MILLERS RD.

BRADLEY ST.

WESTGATE RD.

MATCH LINE
SEE ABOVE

75'

PROP. D11-1
"NORTH TO TOMAHAWK PARK"

MATCH LINE - SHEET 2

TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

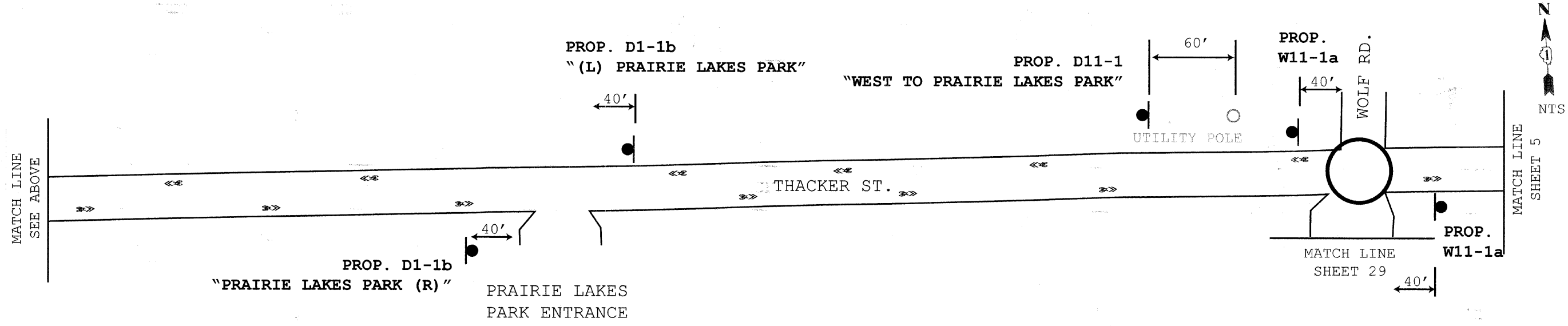
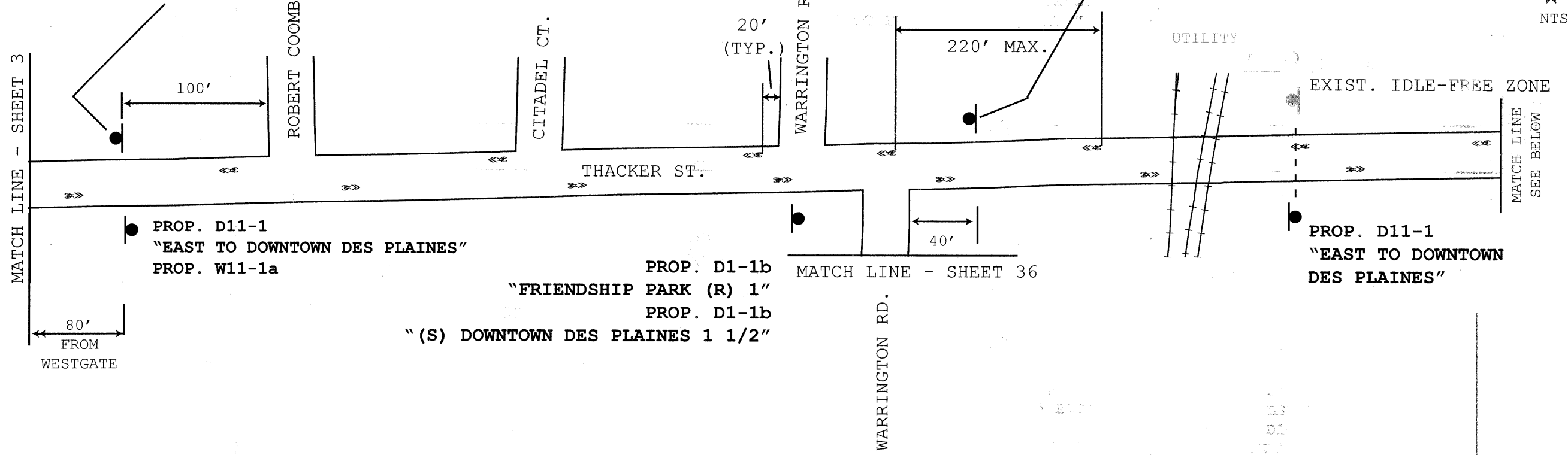
SIGNING PLAN
WESTGATE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BF	COOK	54	17
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 63359

PROP. D1-1b
 "TOMAHAWK PARK 1/2 (R)"
 PROP. D1-1b
 "HIGH RIDGE KNOLLS 1/4 (R)"

PROP. D1-1b
 "(L) FRIENDSHIP PARK 1 1/4"
 PROP. D1-1b
 "(L) EINSTEIN PARK 1"



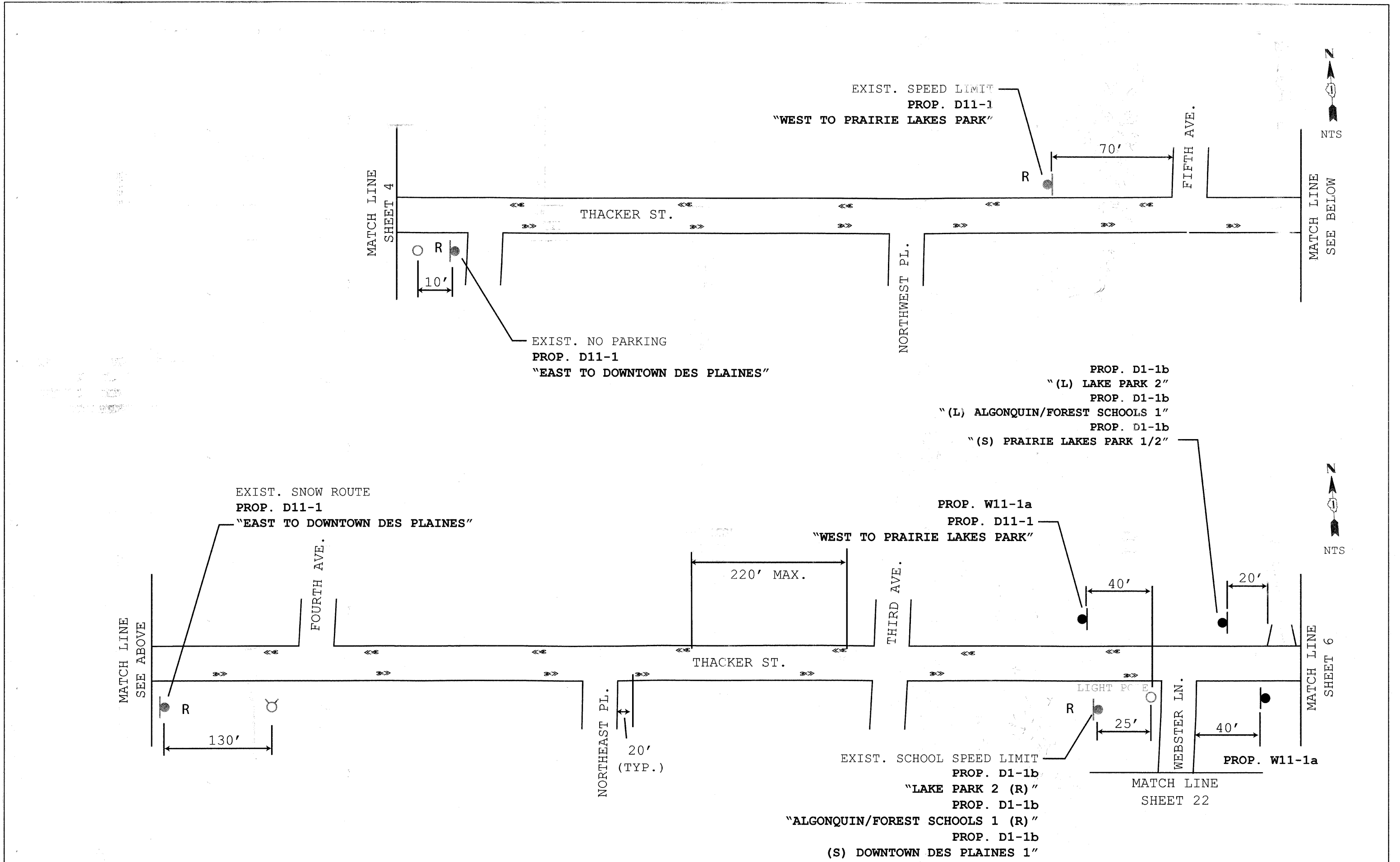
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
 STAGE 1 BIKE NETWORK

SIGNING AND PAVEMENT MARKING PLAN
 THACKER STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	18
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



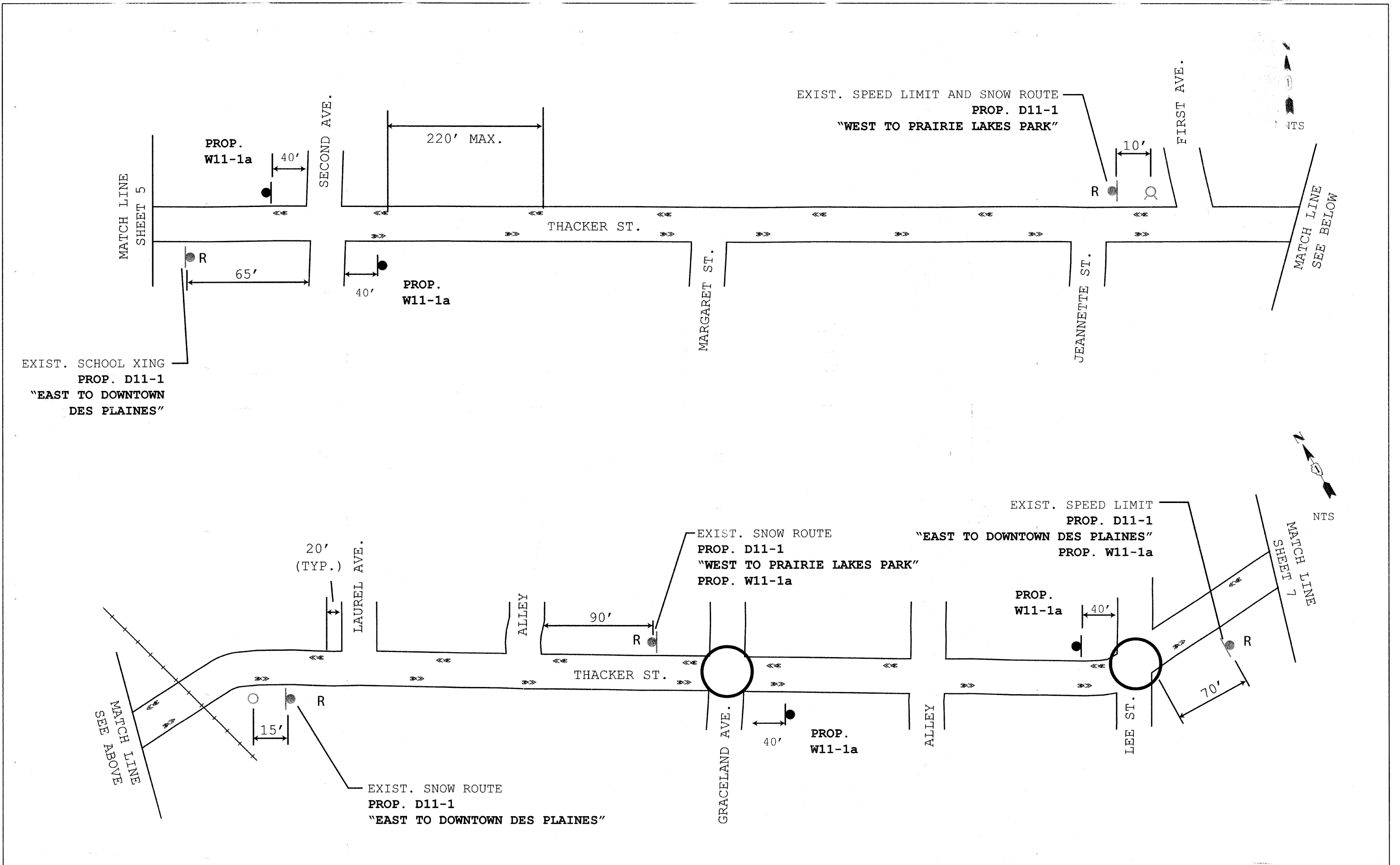
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING AND PAVEMENT MARKING PLAN
THACKER STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	19
CONTRACT NO. 63359				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



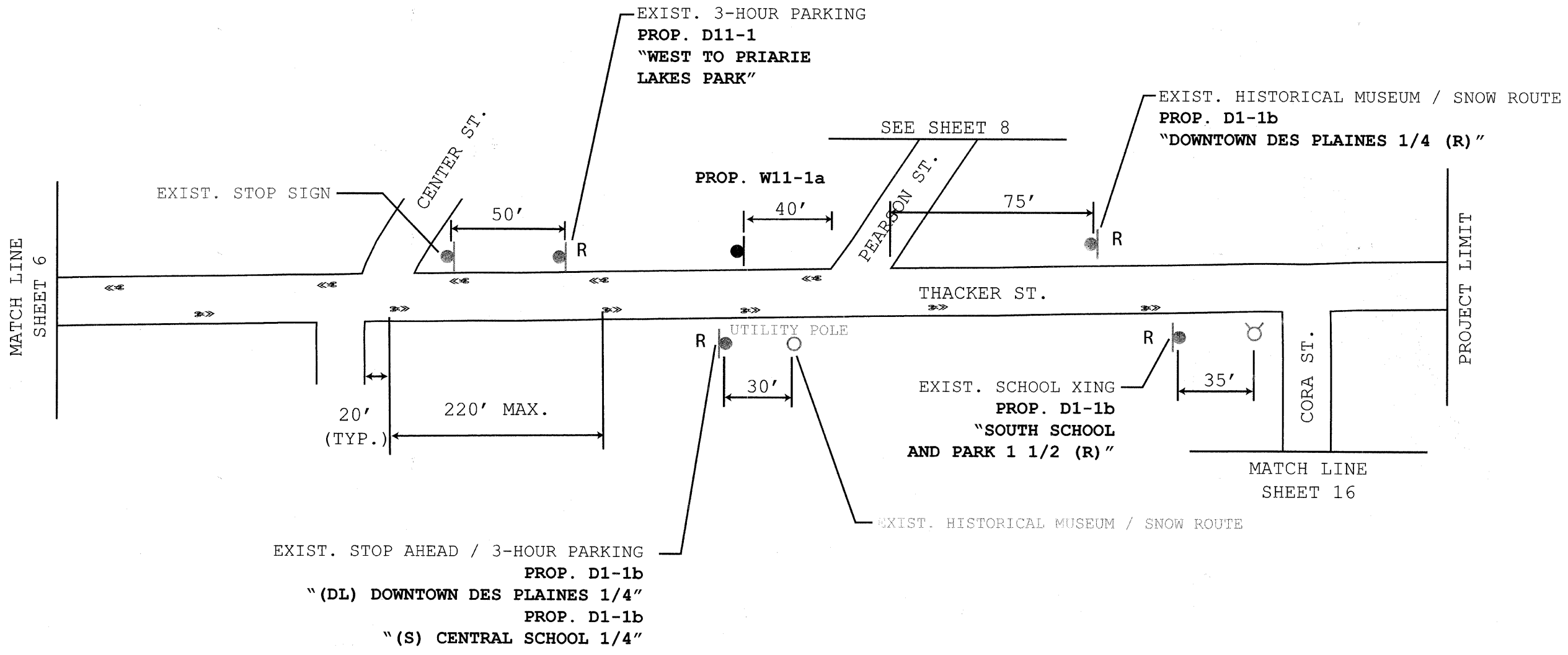
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING AND PAVEMENT MARKING PLAN
THACKER STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	20
CONTRACT NO. 63359				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

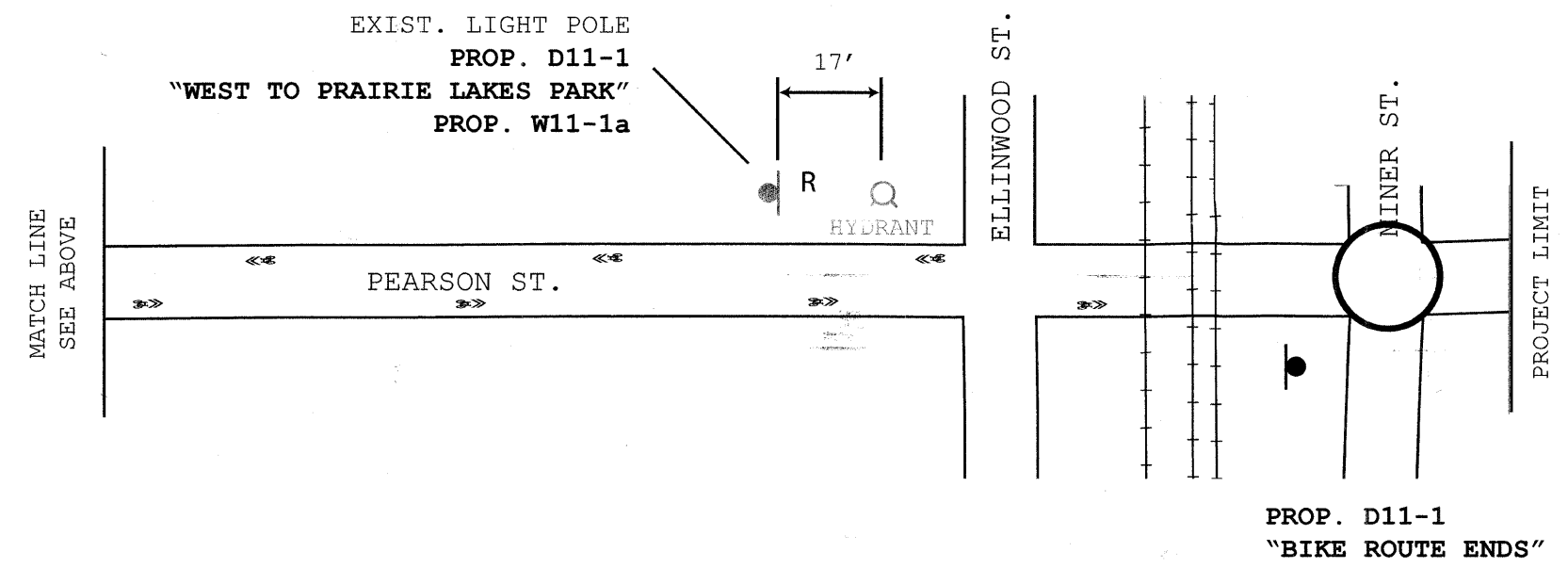
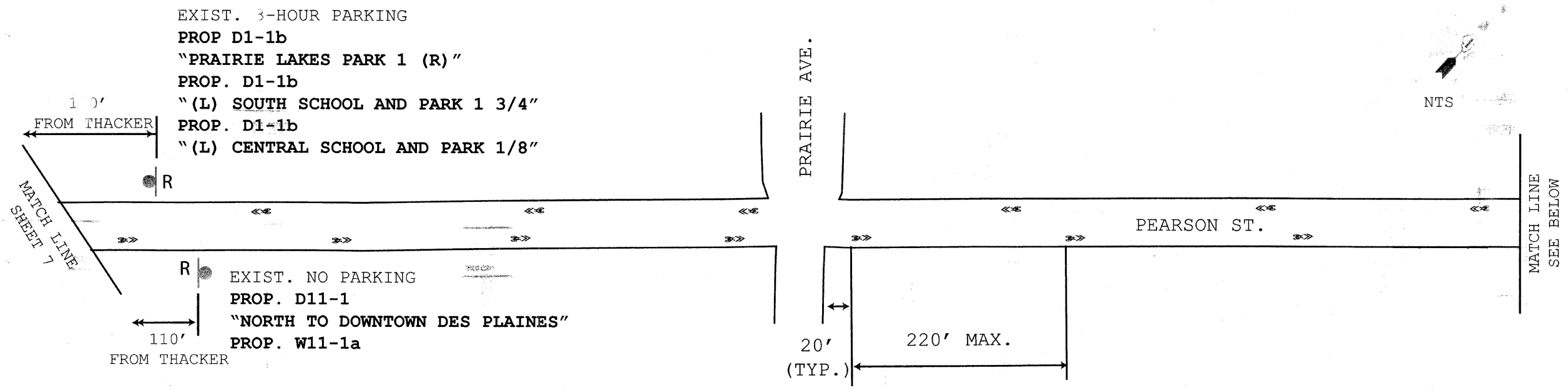


TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -
	DRAWN - TG	REVISED -
	CHECKED - DAJ	REVISED -
	DATE - 04/26/10	REVISED -

**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

**SIGNING AND PAVEMENT MARKING PLAN
THACKER STREET**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	21
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



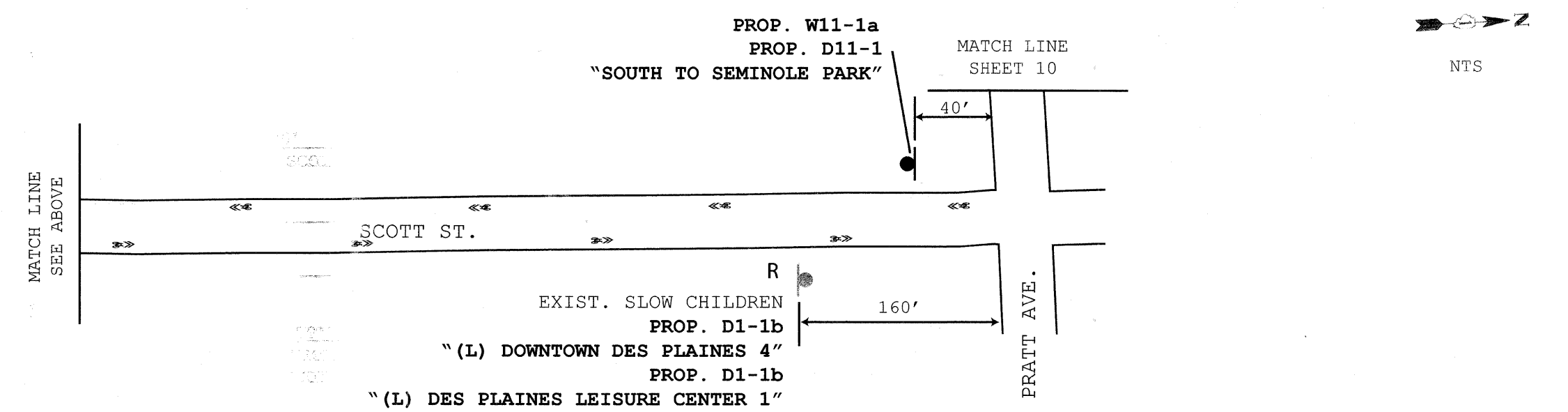
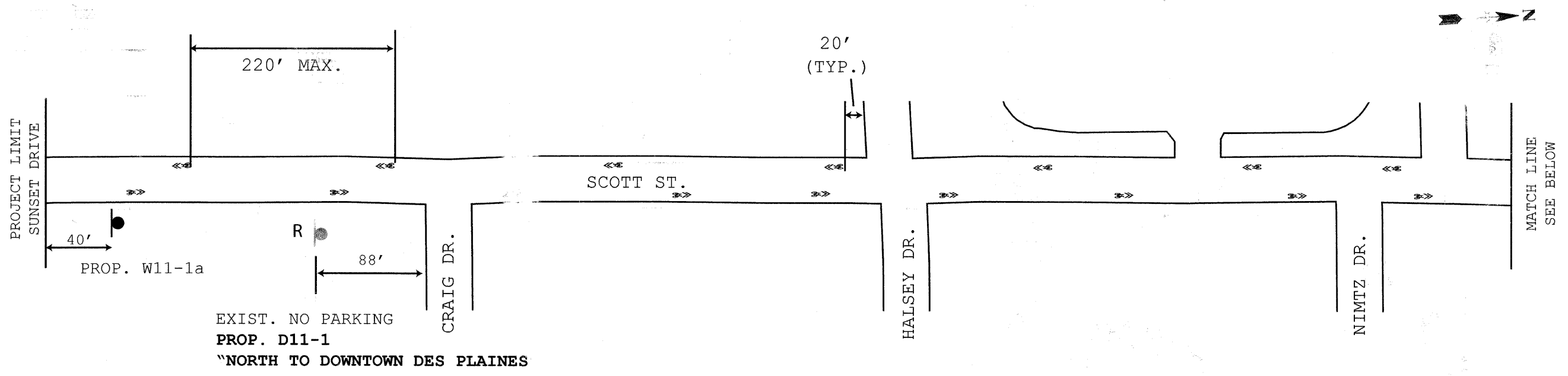
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
 STAGE 1 BIKE NETWORK

SIGNING AND PAVEMENT MARKING PLAN
 PEARSON STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



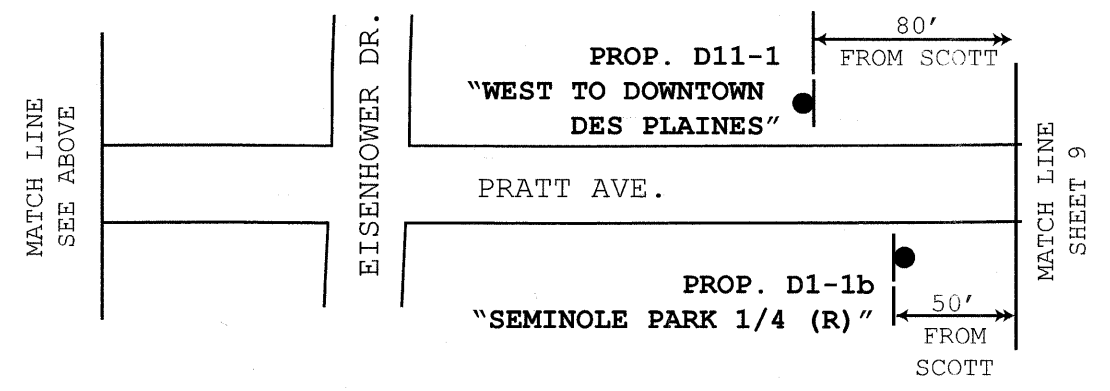
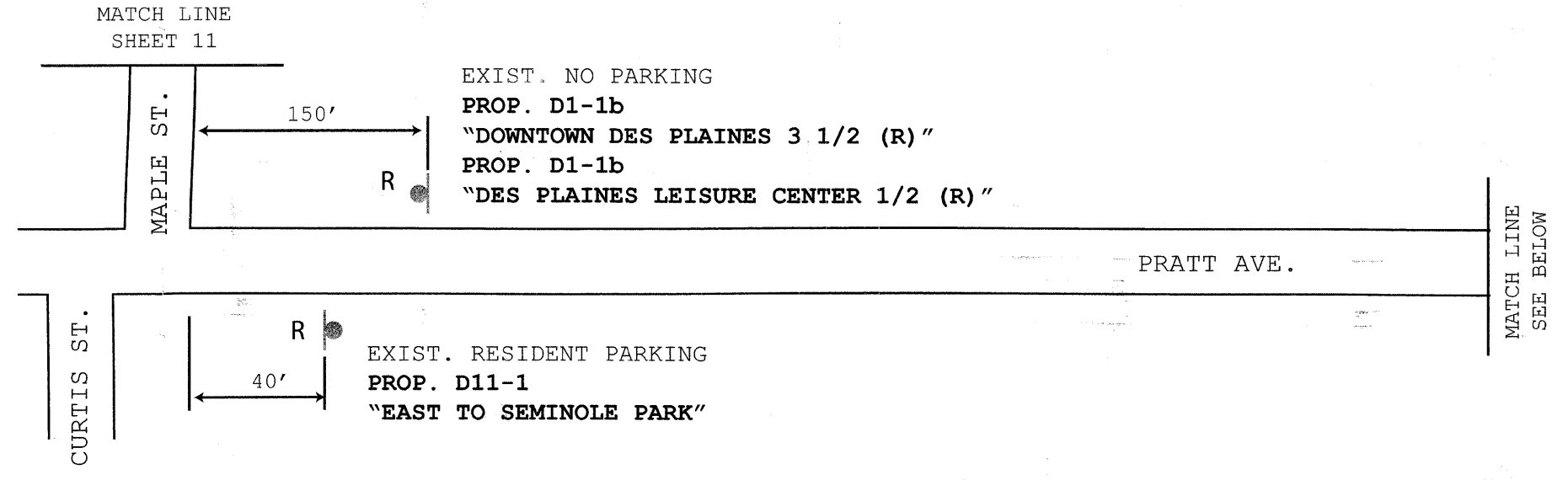
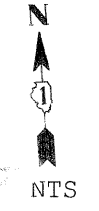
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING AND PAVEMENT MARKING PLAN
SCOTT STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	23
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 63359				



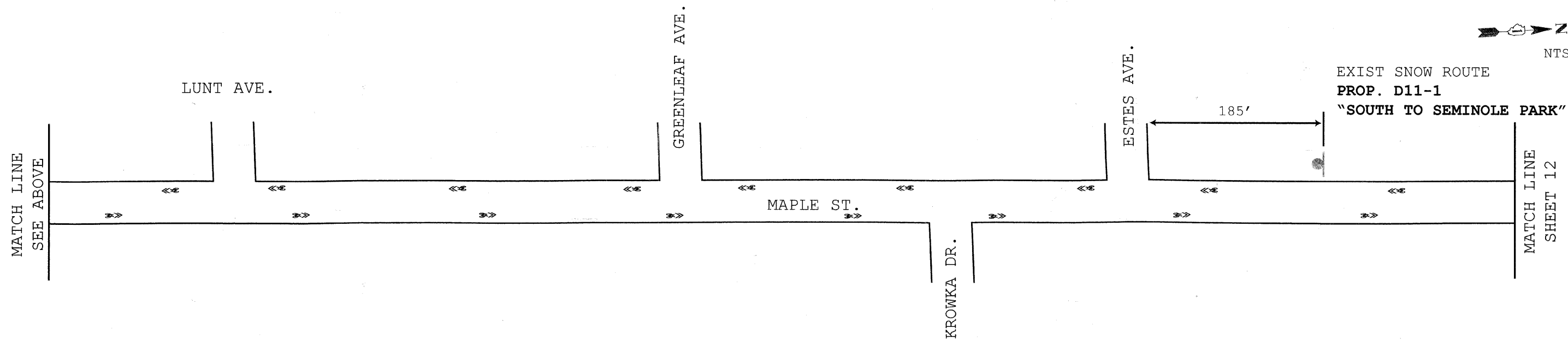
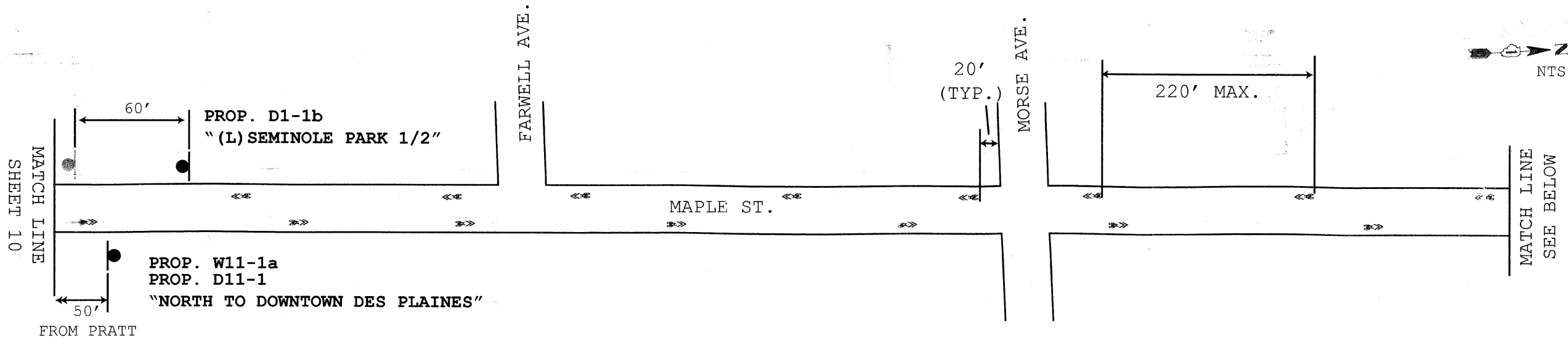
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
 STAGE 1 BIKE NETWORK

SIGNING AND PAVEMENT MARKING PLAN
 PRATT STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



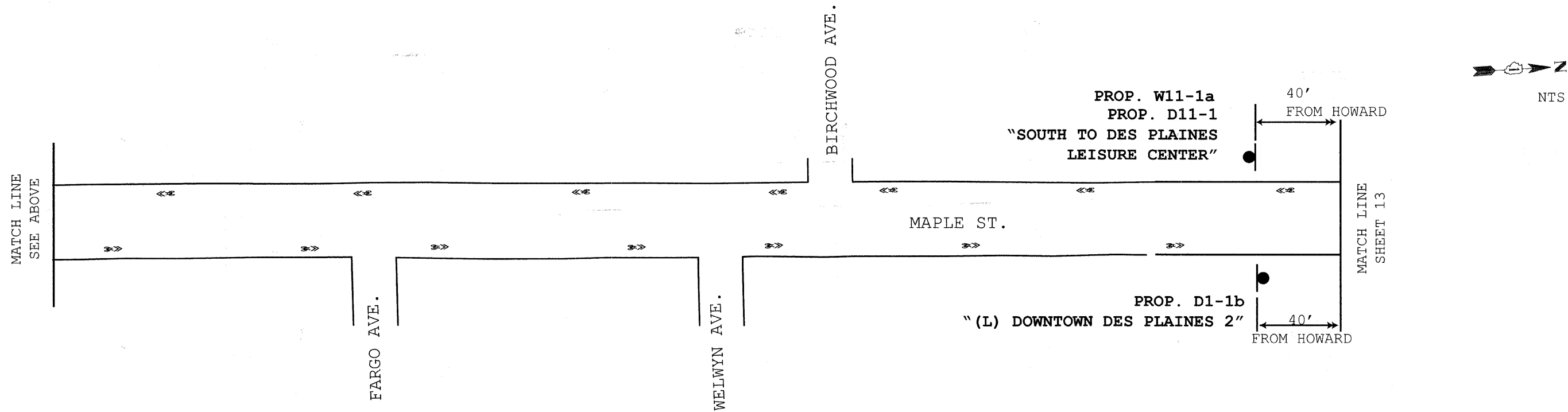
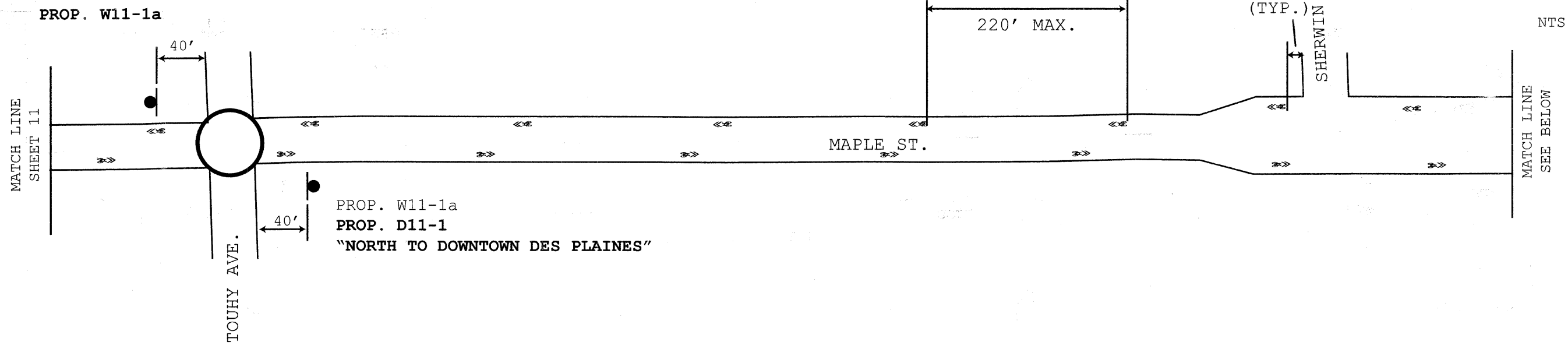
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

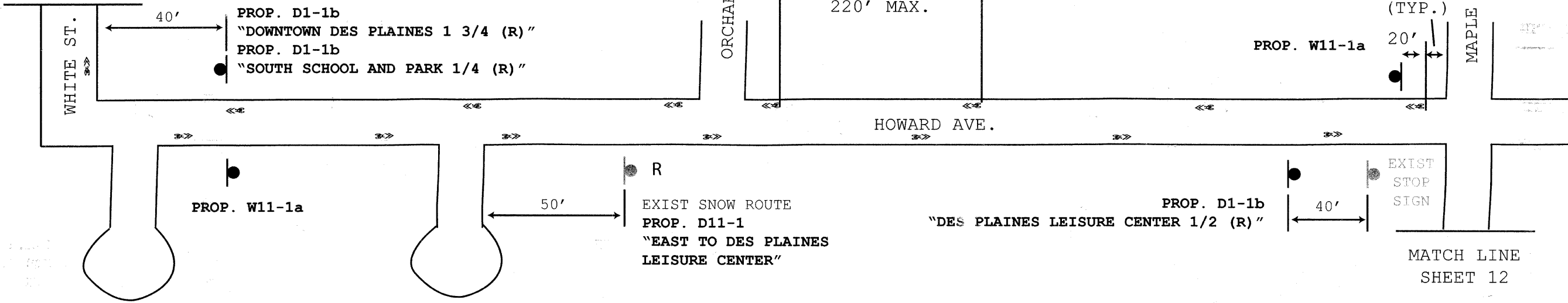
**SIGNING AND PAVEMENT MARKING PLAN
MAPLE STREET**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	25
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63359	

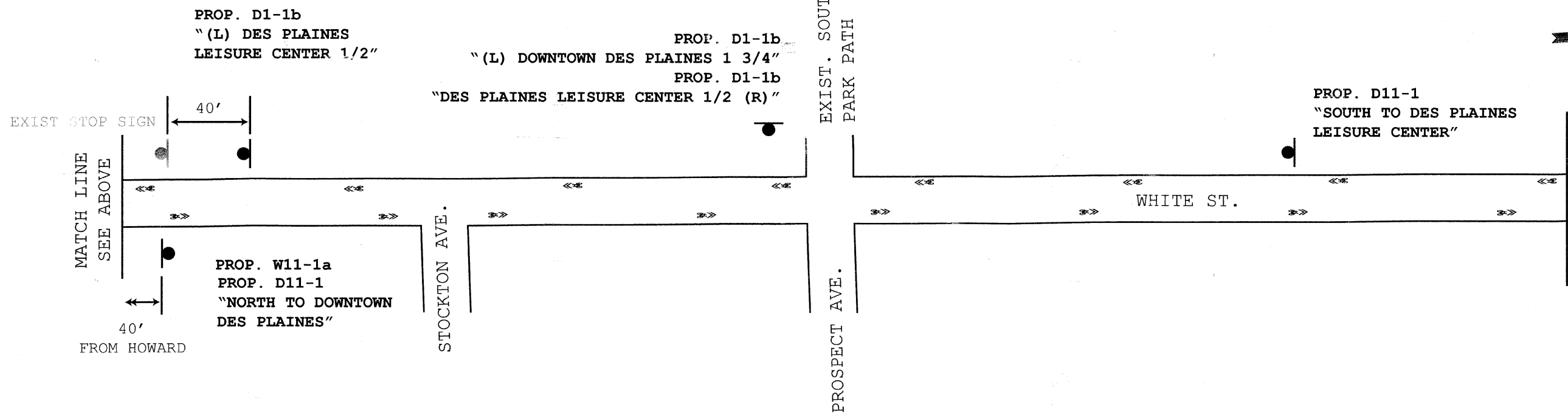


TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -	CITY OF DES PLAINES STAGE 1 BIKE NETWORK	SIGNING AND PAVEMENT MARKING PLAN MAPLE STREET	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TG	REVISED -			09-00208-00-BT	COOK	54	26	
	CHECKED - DAJ	REVISED -			CONTRACT NO. 63359				
	DATE - 04/26/10	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCH LINE
SEE BELOW

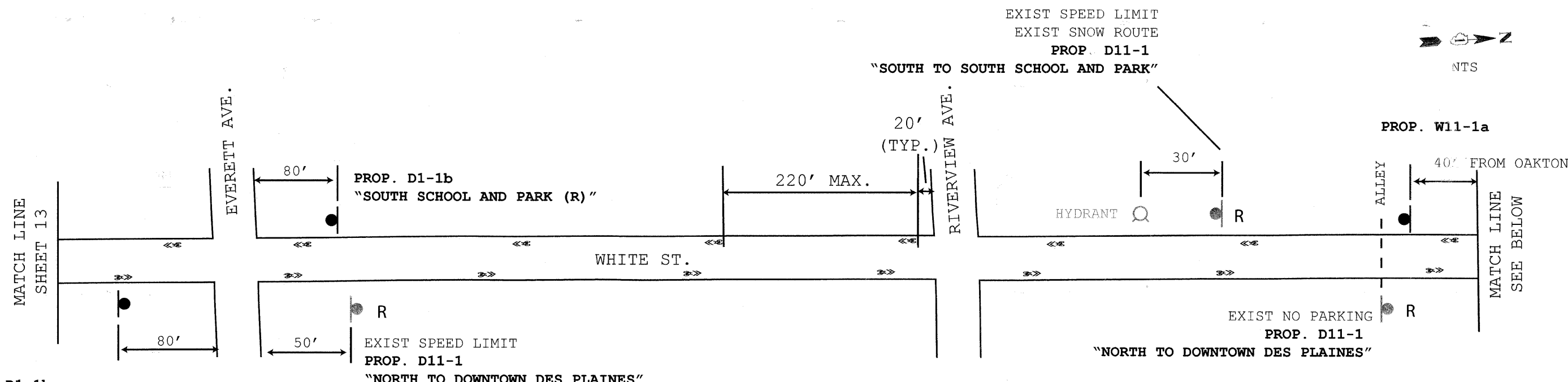


MATCH LINE
SHEET 12



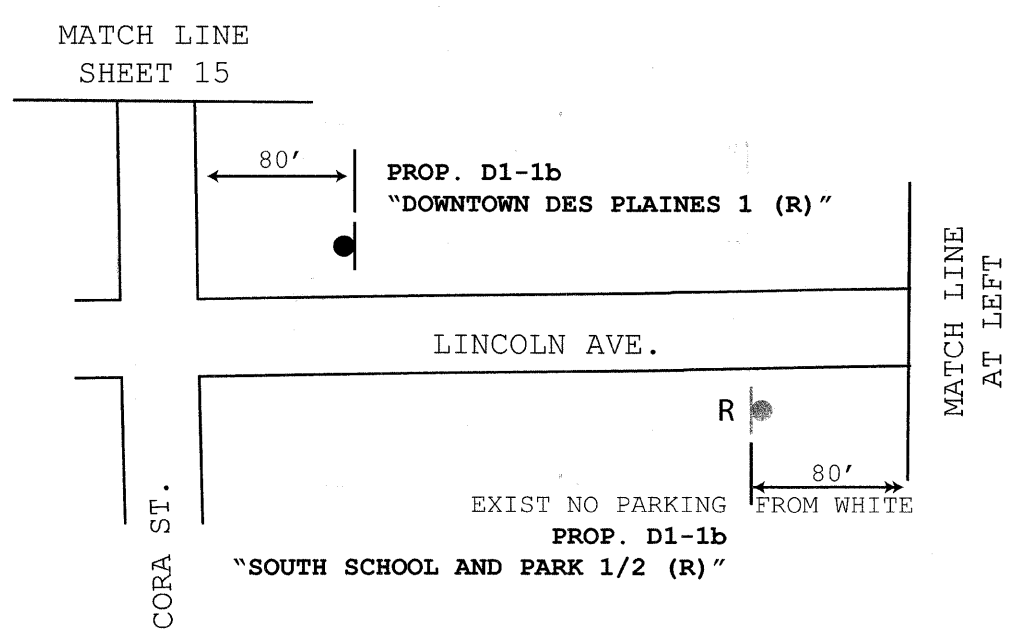
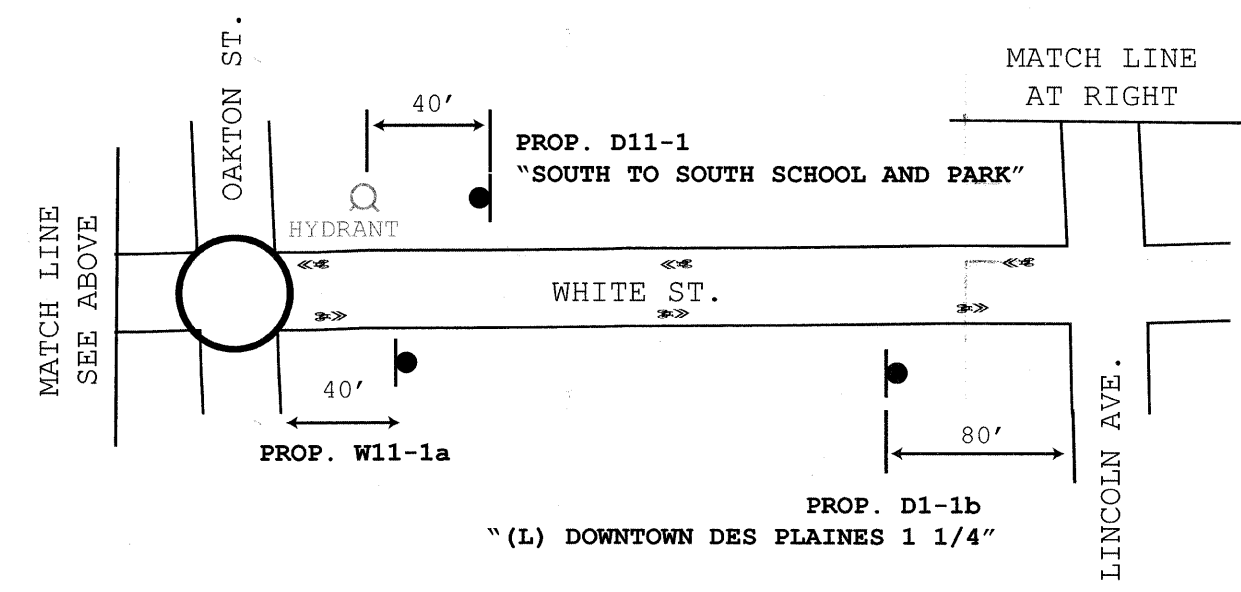
MATCH LINE
SHEET 14

TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -	CITY OF DES PLAINES STAGE 1 BIKE NETWORK	SIGNING AND PAVEMENT MARKING PLAN HOWARD AVENUE/WHITE STREET	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TG	REVISED -			09-00208-00-BT	COOK	54	27	
	CHECKED - DAJ	REVISED -			CONTRACT NO. 63359				
	DATE - 04/26/10	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PROP. D1-1b
 "(L) SOUTH SCHOOL AND PARK"
 "(S) DOWNTOWN DES PLAINES 1 1/2"

EXIST SPEED LIMIT
 EXIST SNOW ROUTE
 PROP. D11-1
 "SOUTH TO SOUTH SCHOOL AND PARK"



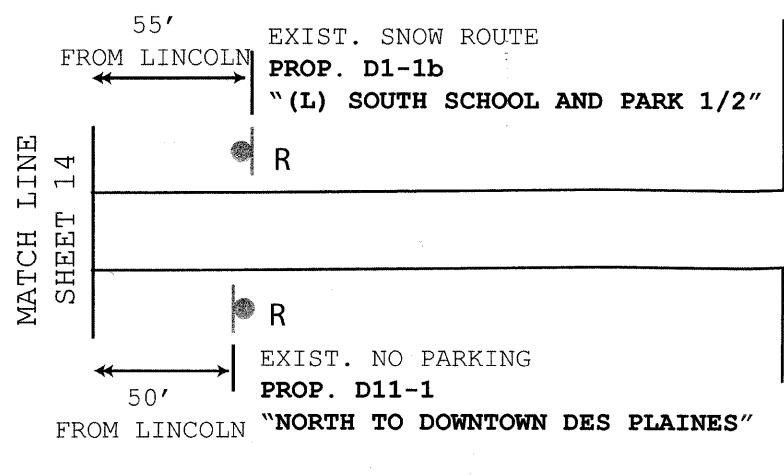
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
 STAGE 1 BIKE NETWORK

SIGNING AND PAVEMENT MARKING PLAN
 WHITE STREET/LINCOLN AVENUE

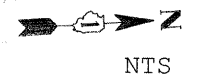
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	28
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



WICKE AVE.

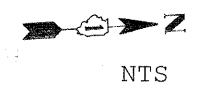
CORA ST.

FOREST AVE.



MATCH LINE
SEE BELOW

EXIST. SNOW ROUTE
PROP. D11-1
"SOUTH TO SOUTH SCHOOL AND PARK"



MATCH LINE
SEE ABOVE

EXIST. SNOW ROUTE
PROP. D11-1
"NORTH TO DOWNTOWN DES PLAINES"

WHITCOMB AVE.

CORA ST.

VAN BUREN AVE.

ALGONQUIN RD.

MATCH LINE
SHEET 16

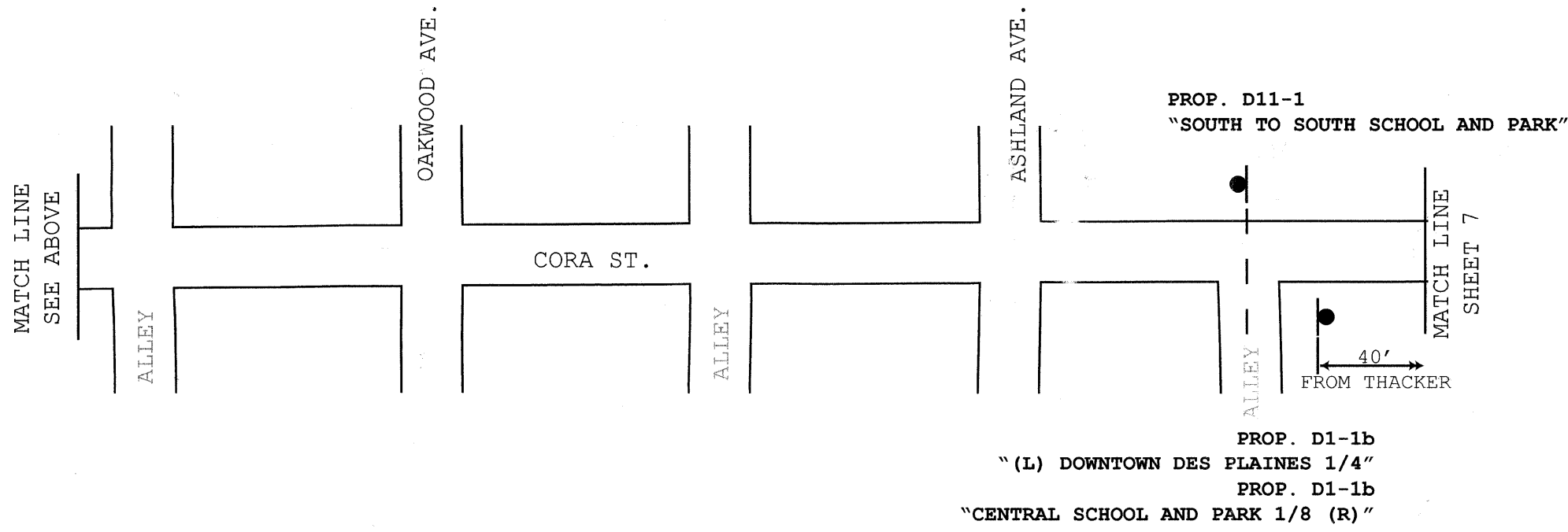
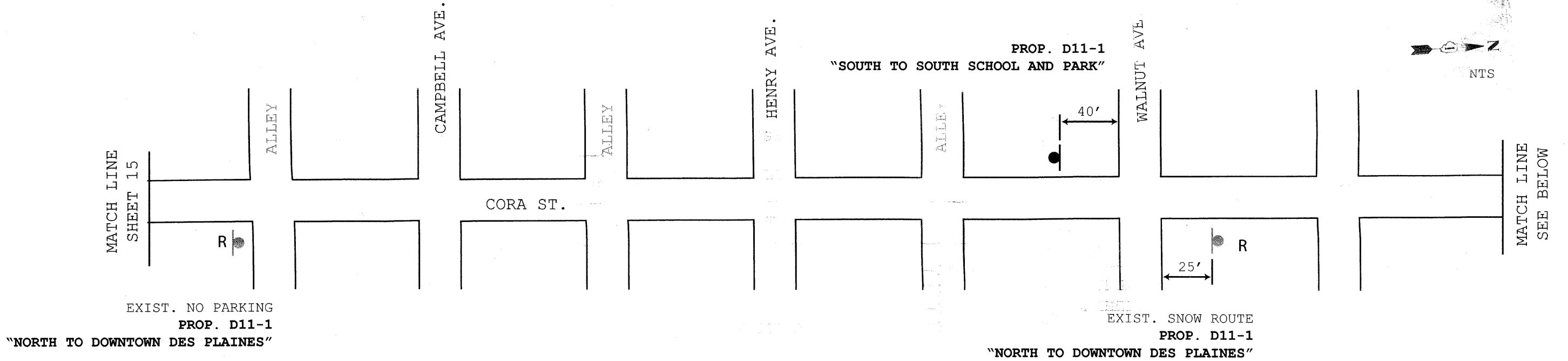
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
CORA STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	29
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



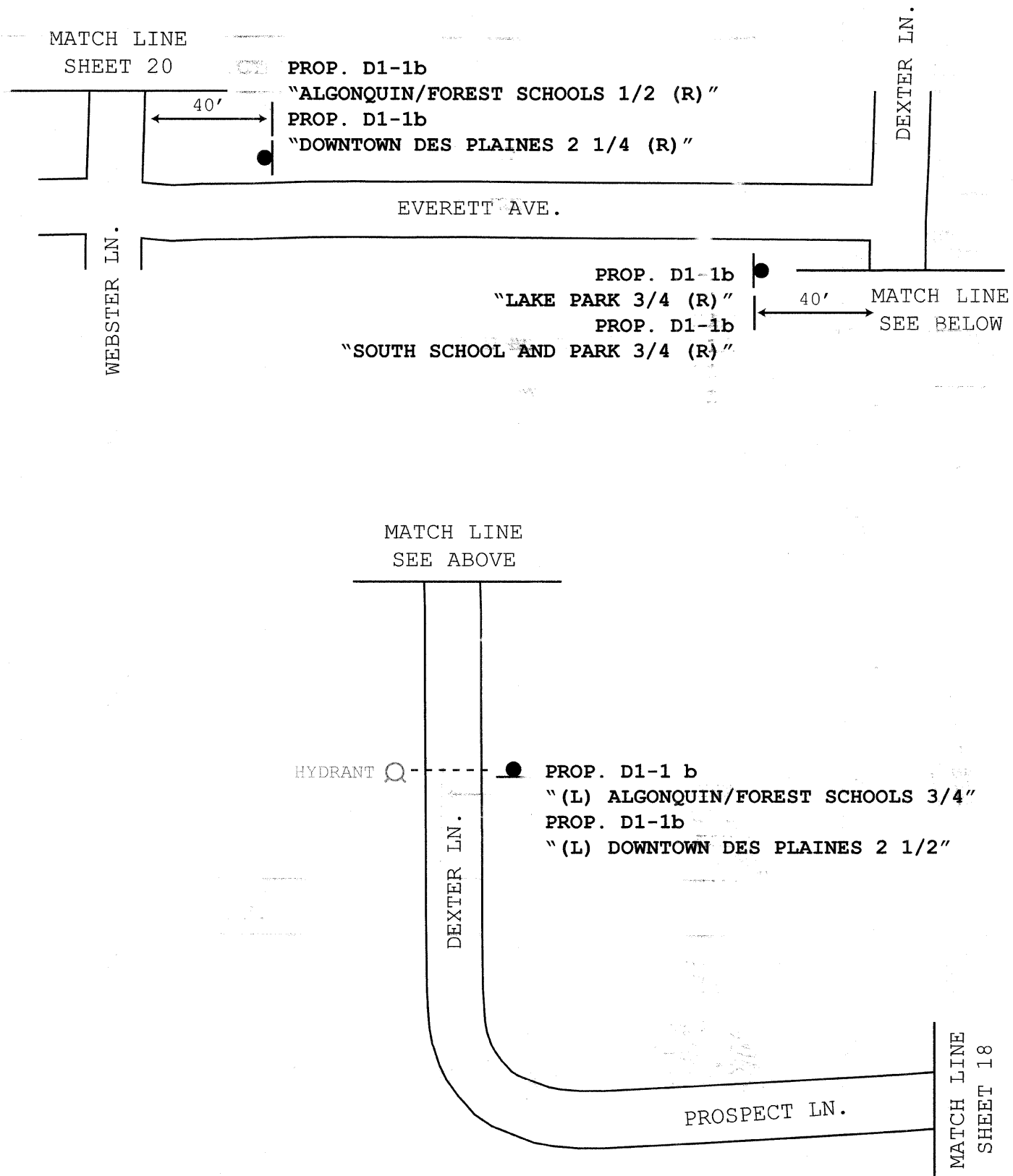
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
CORA STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	30
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -	CITY OF DES PLAINES STAGE 1 BIKE NETWORK	SIGNING PLAN EVERETT AVENUE/DEXTER LANE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TG	REVISED -			09-00208-00-B	COOK	54	31	
	CHECKED - DAJ	REVISED -			CONTRACT NO. 63359				
	DATE - 04/26/10	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MATCH LINE
SHEET 17

PROSPECT LN.

PROP. D1-1b
"SOUTH SCHOOL AND PARK 1/2 (R)"
PROP. D1-1b
"LAKE PARK 1/2 (R)"

PROP. D1-1b
"(L) SOUTH SCHOOL AND PARK 1/2"
PROP. D1-1b
"(S) LAKE PARK 1/2"

LEE ST.

POLE

EXIST NEIGHBORHOOD WATCH
PROP. D1-1b
"(L) ALGONQUIN/FOREST SCHOOLS 1/2"

PROP. D1-1b
"ALGONQUIN/FOREST SCHOOLS 1 1/2 (R)"
PROP. D1-1b
"(L) LAKE PARK 1/2"

PROSPECT LN.

SPRUCE AVE.

MATCH LINE
SEE BELOW

MATCH LINE
SHEET 25

PROP. D11-1
"EAST TO SOUTH SCHOOL AND PARK"

MATCH LINE
SEE ABOVE

ASH ST.

PROSPECT LN.

PINE ST.

EXIST SPEED LIMIT
PROP. D11-1
"WEST TO LAKE PARK"

EXIST NO PARKING
PROP. D11-1
"EAST TO SOUTH SCHOOL AND PARK"

CHESTNUT ST.

MANHEIM RD.

LE ST.

DEANE ST.



MATCH LINE
SHEET 19

MATCH LINE
SHEET 26

PROP. D1-1b
"DOWNTOWN DES PLAINES 2 1/4 (R)"
PROP. D1-1b
"SOUTH SCHOOL AND PARK 1/8 (R)"

TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

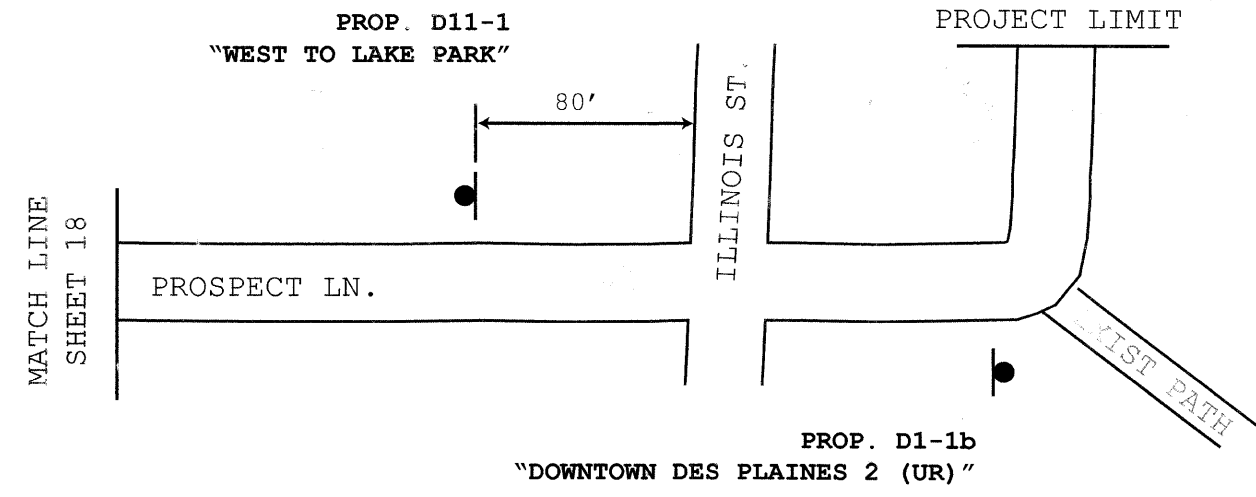
CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
PROSPECT LANE

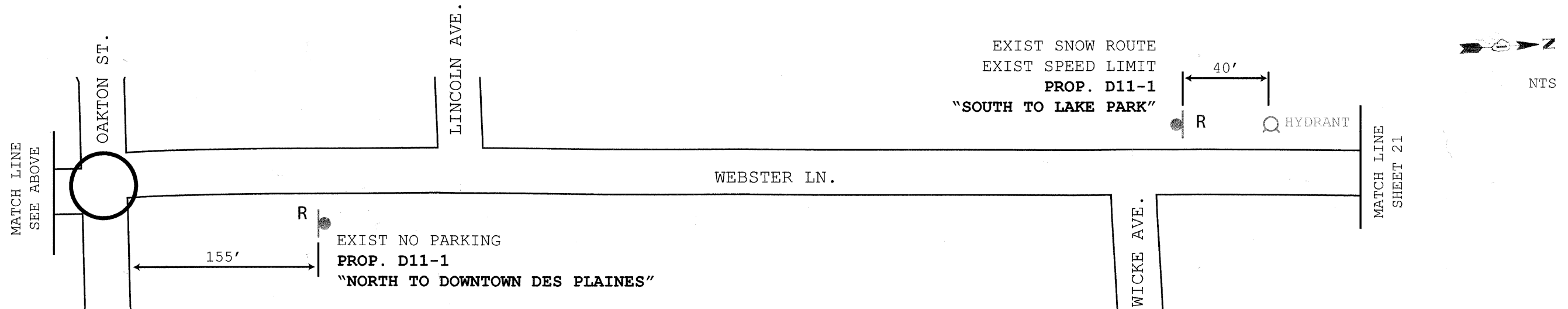
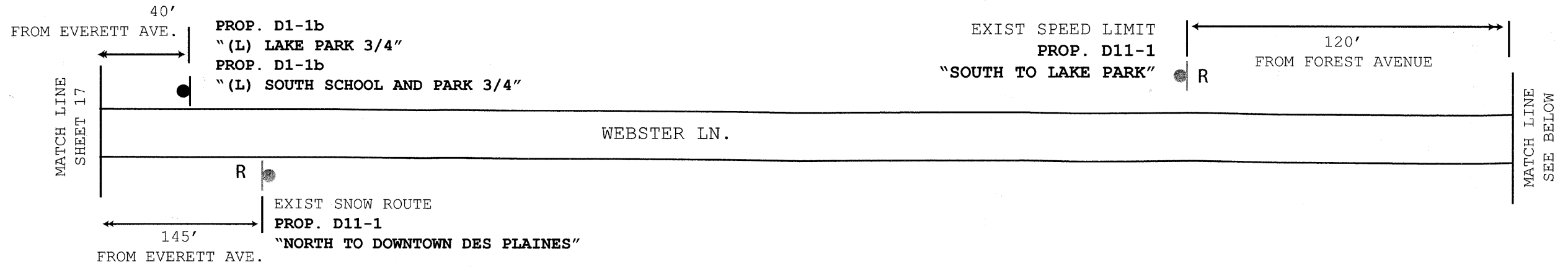
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-R	COOK	54	32
CONTRACT NO. 63359				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NTS



TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -	CITY OF DES PLAINES STAGE 1 BIKE NETWORK	SIGNING PLAN PROSPECT LANE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TG	REVISED -			09-00208-00-BT	COOK	54	33	
	CHECKED - DAJ	REVISED -			CONTRACT NO. 63359				
	DATE - 04/26/10	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



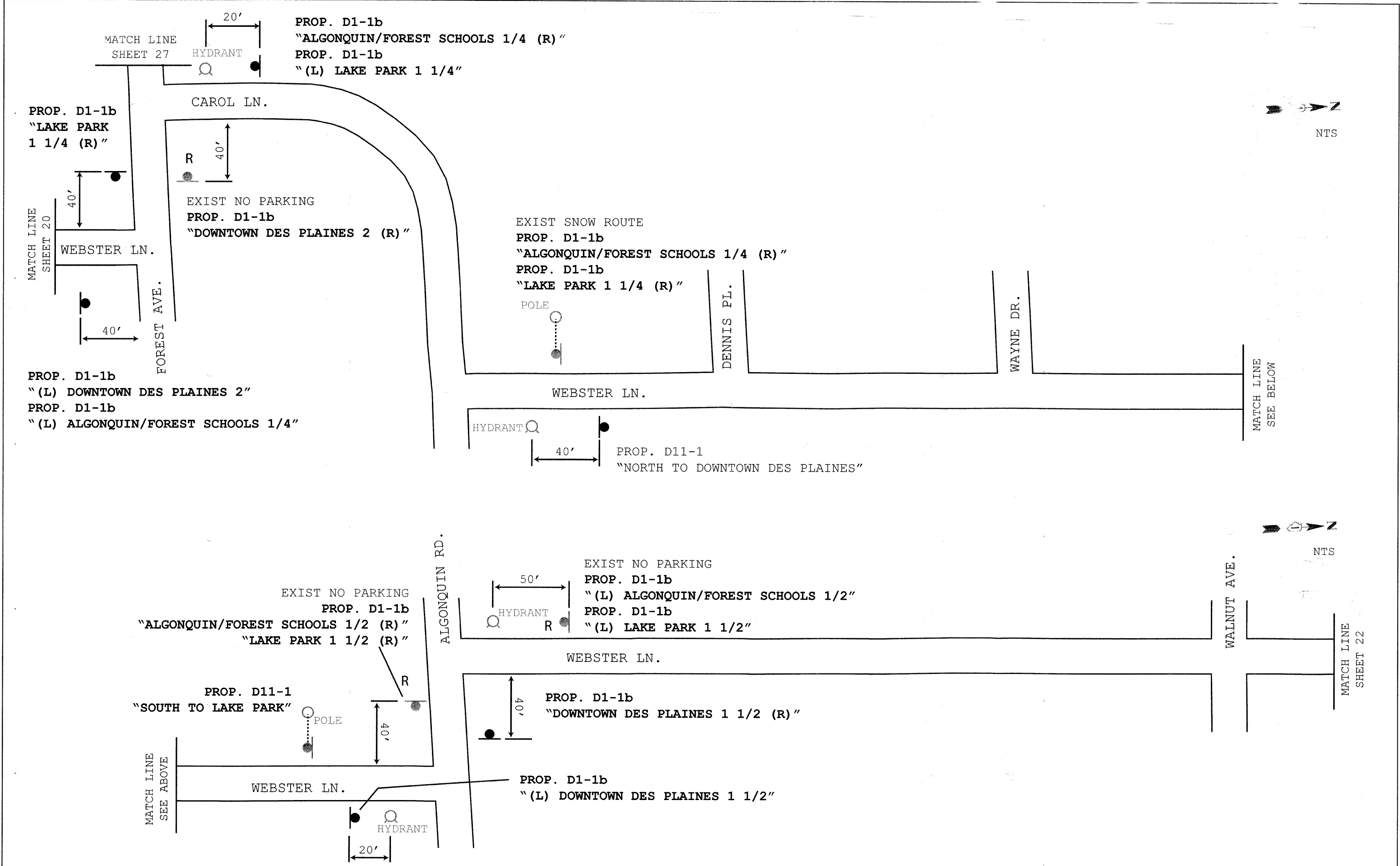
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
WEBSTER LANE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	34
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
WEBSTER LANE/CAROL LANE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	35
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 63359



OAKWOOD AVE.

NTS

MATCH LINE
SHEET 21

PROP. D11-1
"SOUTH TO LAKE PARK"

10'

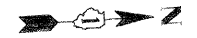
HYDRANT

WEBSTER LN.

MATCH LINE
SEE BELOW

WALNUT AVE.

PROP. D11-1
"NORTH TO DOWNTOWN DES PLAINES"



NTS

MATCH LINE
SEE ABOVE

EXIST NO PARKING
EXIST SLOW CHILDREN
PROP. D11-1
"SOUTH TO LAKE PARK"

120'

FROM THACKER

R

WEBSTER LN.

MATCH LINE
SHEET 5

OAKWOOD AVE.

PROP. D1-1b
"DOWNTOWN DES PLAINES 1 (R)"
PROP. D1-1b
"(L) PRAIRIE LAKES PARK 1/2" FROM THACKER

40'

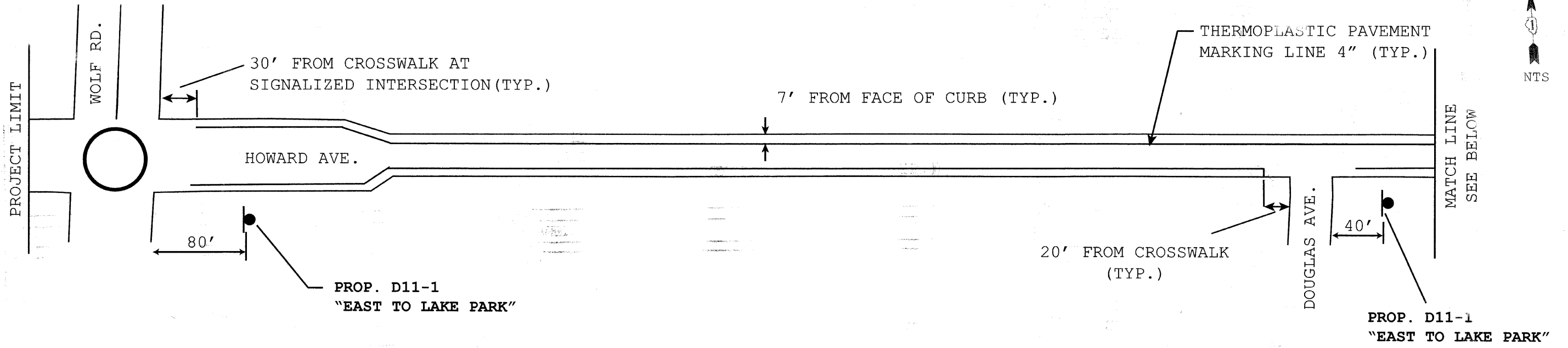
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

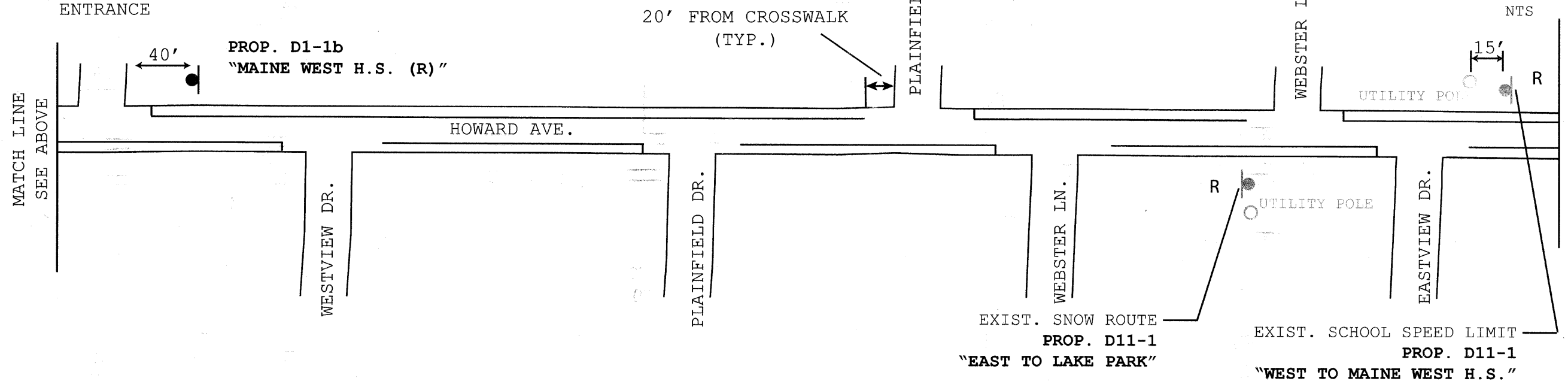
CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
WEBSTER LANE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	36
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



MAINE WEST HIGH SCHOOL ENTRANCE



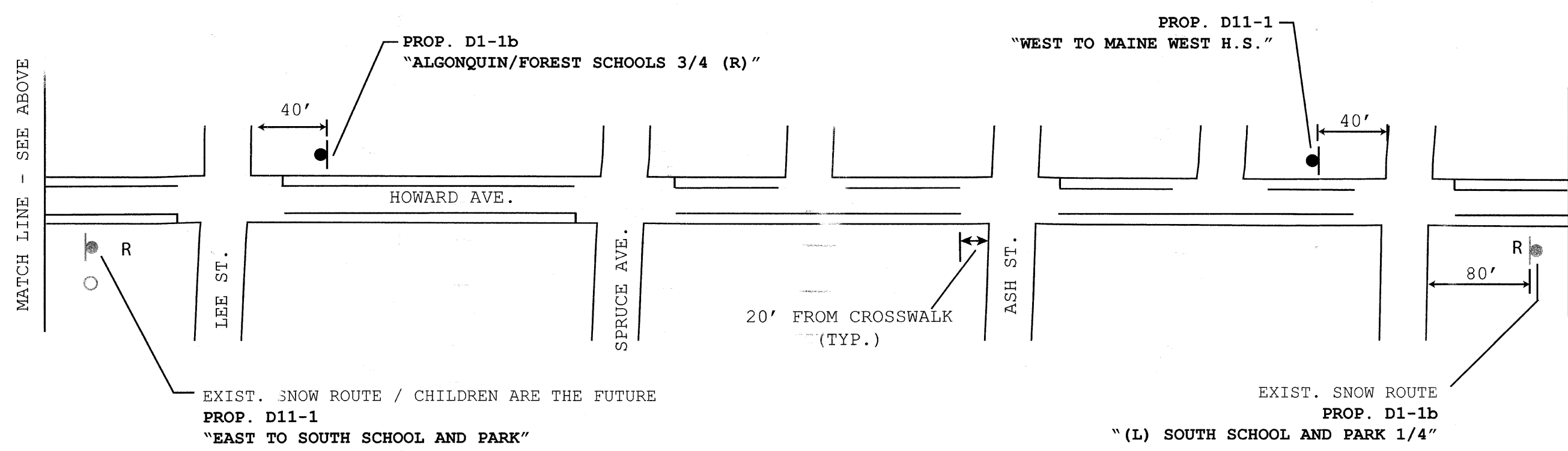
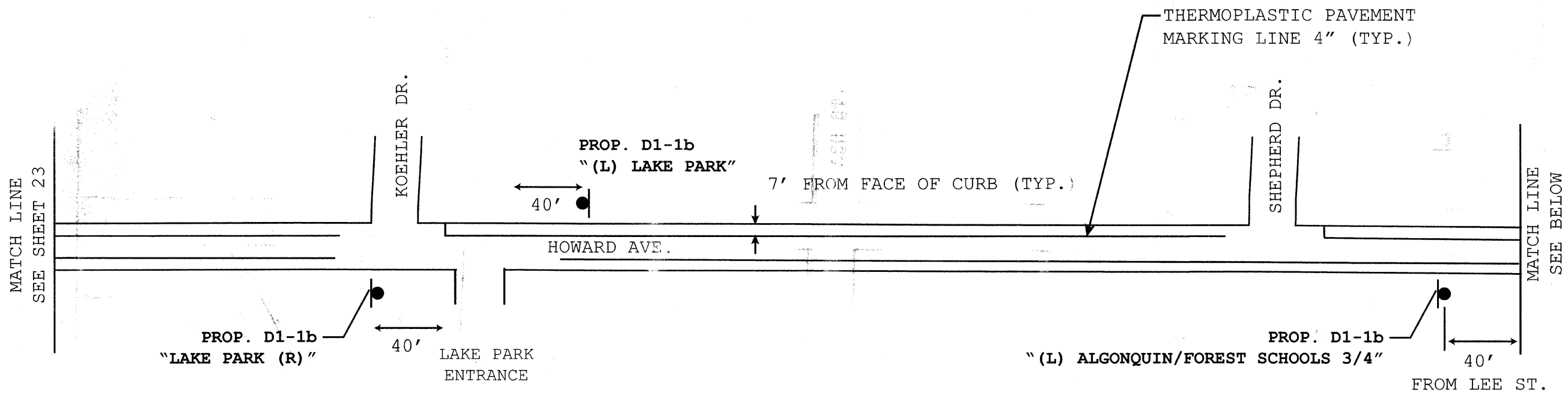
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
HOWARD AVENUE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	37
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



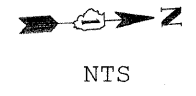
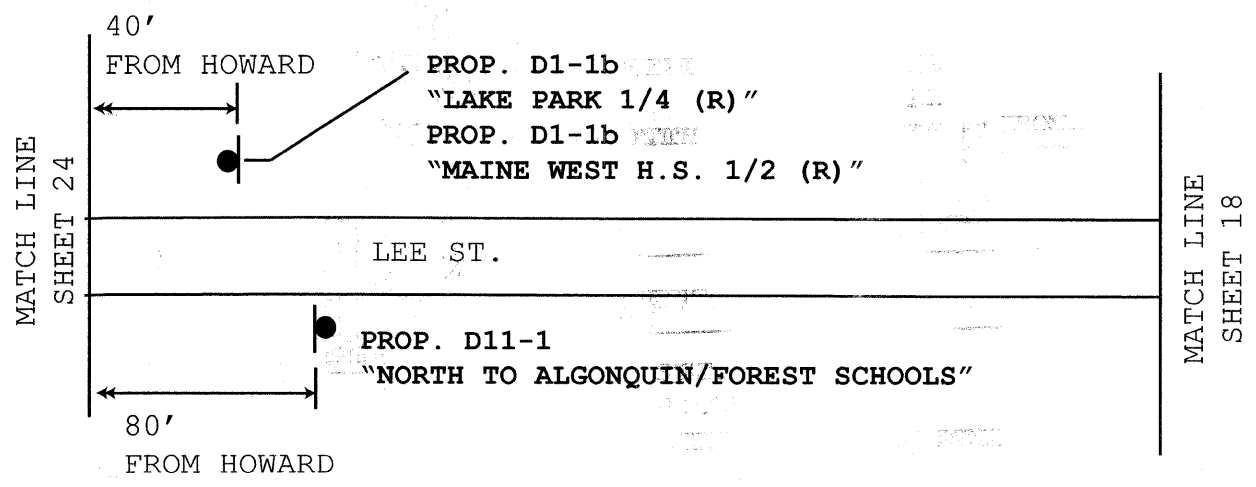
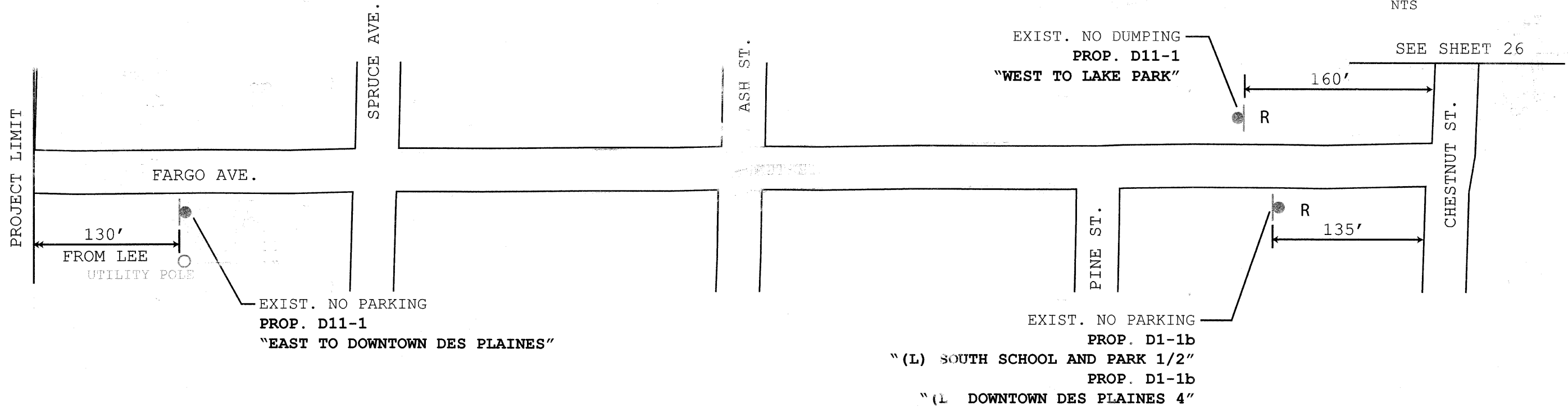
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

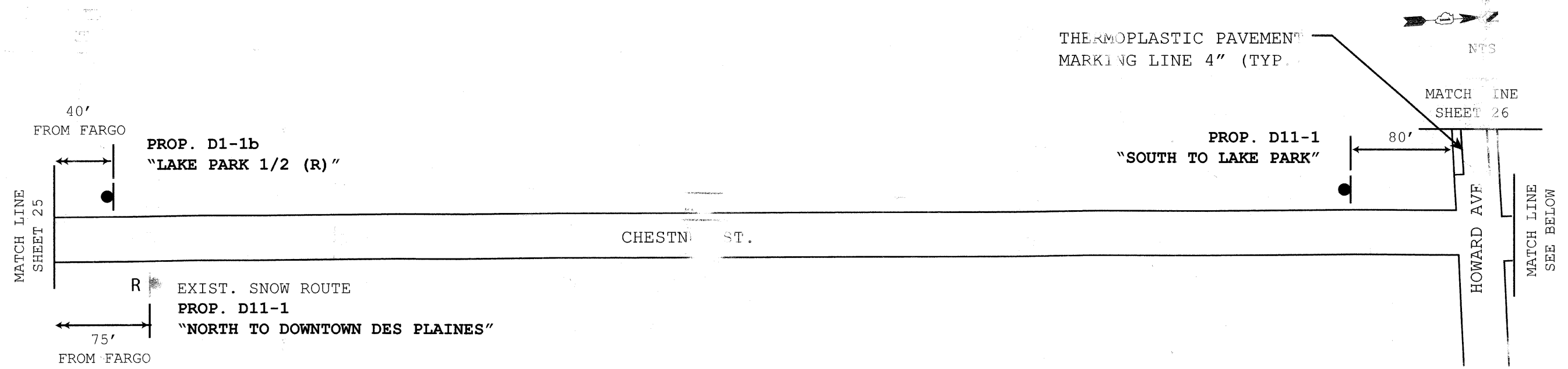
CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
HOWARD AVENUE

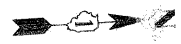
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	38
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -	CITY OF DES PLAINES STAGE 1 BIKE NETWORK	SIGNING PLAN FARGO AVENUE/LEE STREET	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TG	REVISED -			09-00208-00-BT	COOK	54	39	
	CHECKED - DAJ	REVISED -			CONTRACT NO. 63359				
	DATE - 04/26/10	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING LINE 4" (TYP.)



NTS

MATCH LINE SHEET 26

PROP. D11-1 "SOUTH TO LAKE PARK"

80'

HOWARD AVE.

MATCH LINE SEE BELOW

40' FROM FARGO
PROP. D1-1b
"LAKE PARK 1/2 (R)"

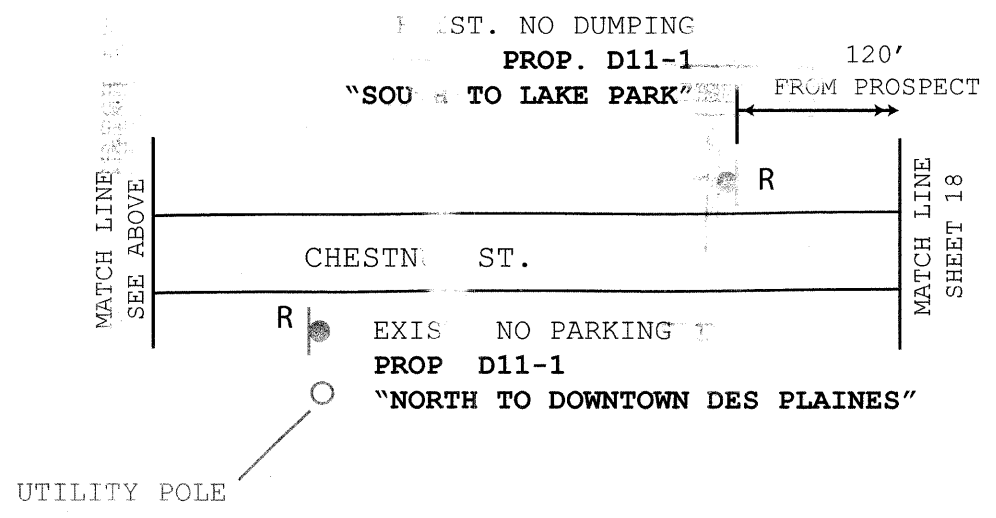
MATCH LINE SHEET 25

R EXIST. SNOW ROUTE
PROP. D11-1
"NORTH TO DOWNTOWN DES PLAINES"
75' FROM FARGO

CHESTN ST.



NTS



EXIST. NO DUMPING
PROP. D11-1 "SOUTH TO LAKE PARK"
120' FROM PROSPECT

MATCH LINE SEE ABOVE

MATCH LINE SHEET 18

R EXIS NO PARKING
PROP D11-1
"NORTH TO DOWNTOWN DES PLAINES"

UTILITY POLE

TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

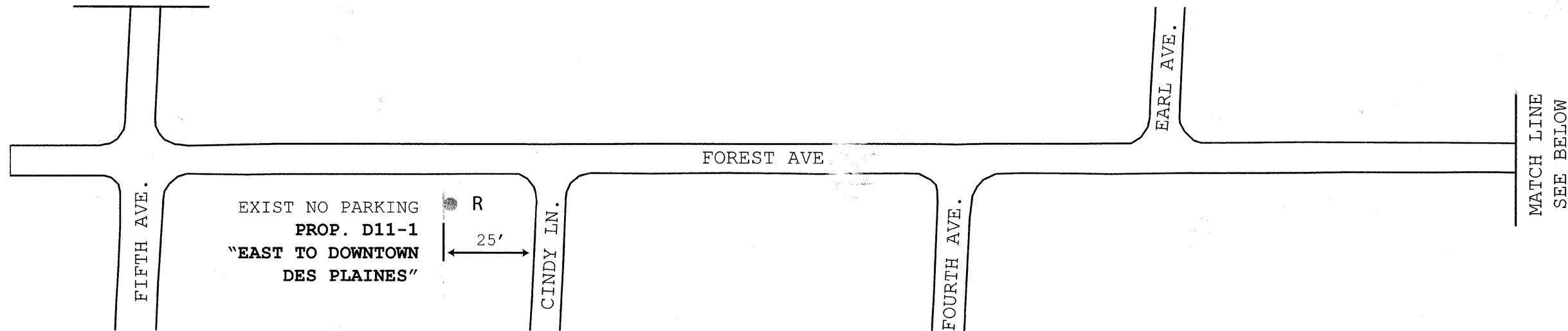
CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
CHESTNUT STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	40
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	

MATCH LINE
SHEET 28

NTS

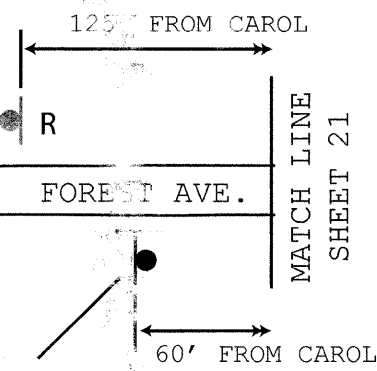


MATCH LINE
SEE BELOW

EXIST NO PARKING
PROP. D11-1
"WEST TO ALGONQUIN/
FOREST SCHOOLS"

MATCH LINE
SEE ABOVE

DENNIS PL.



MATCH LINE
SHEET 21

PROP. D1-1b
"(S) LAKE PARK 1 1/4"
PROP D1-1b
"(L) DOWNTOWN DES PLAINES 1 3/4"



NTS

TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
FOREST AVENUE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	41
CONTRACT NO. 63359				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCH
SHEET 27

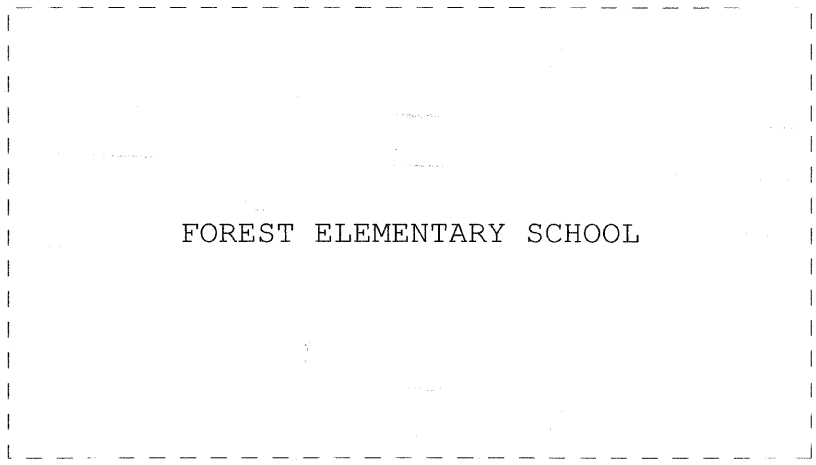
40' FROM FOREST
 PROP. D1-1b
 "(L) DOWNTOWN DES PLAINES 2"
 PROP. D1-1b
 "(L) LAKE PARK 1 1/2"

FIFTH AVE

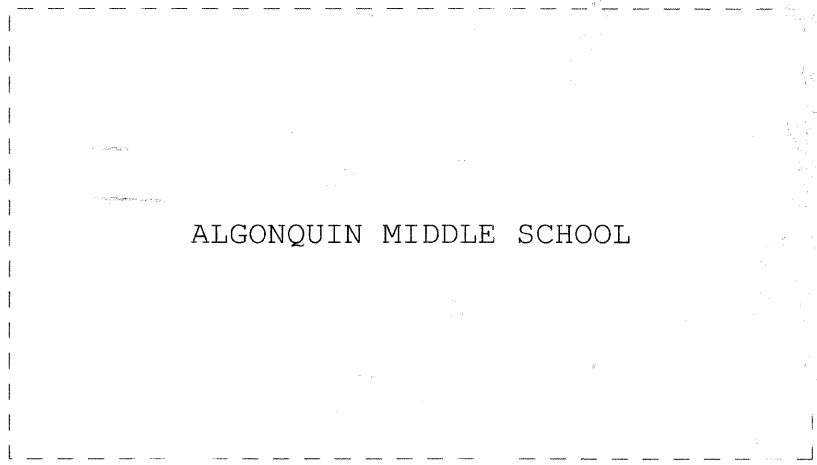
VAN BUREN AVE.

ALGONQUIN RD

PROJECT LIMIT



FOREST ELEMENTARY SCHOOL



ALGONQUIN MIDDLE SCHOOL

DESIGNED
 DRAWN
 CHECKED
 DATE

TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
 STAGE 1 BIKE NETWORK

SIGNING PLAN
 FIFTH AVENUE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	42
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	

MATCH LINE
SHEET 31

40'
FROM JOYCE

PROP. D1-1b
"FRIENDSHIP SCHOOL AND PARK 1/4 (R)"

CORDIAL DR.

MARSHAL DR.

MATCH LINE
SEE BELOW

NTS

PLEASANT LN.

DOVER DR.

COURTESY LN.

MARSHALL DR.

MATCH LINE
SEE ABOVE

DOVER DR.

60'

R
EXIST SNOW ROUTE
PROP. D11-1
"NORTH TO FRIENDSHIP
SCHOOL AND PARK"

R
EXIST SNOW ROUTE
PROP. D1-1b
"(L) (S) FRIENDSHIP SCHOOL AND PARK 1/2"

80'
FROM MARSHALL DR.

MATCH LINE
SHEET 30



NTS

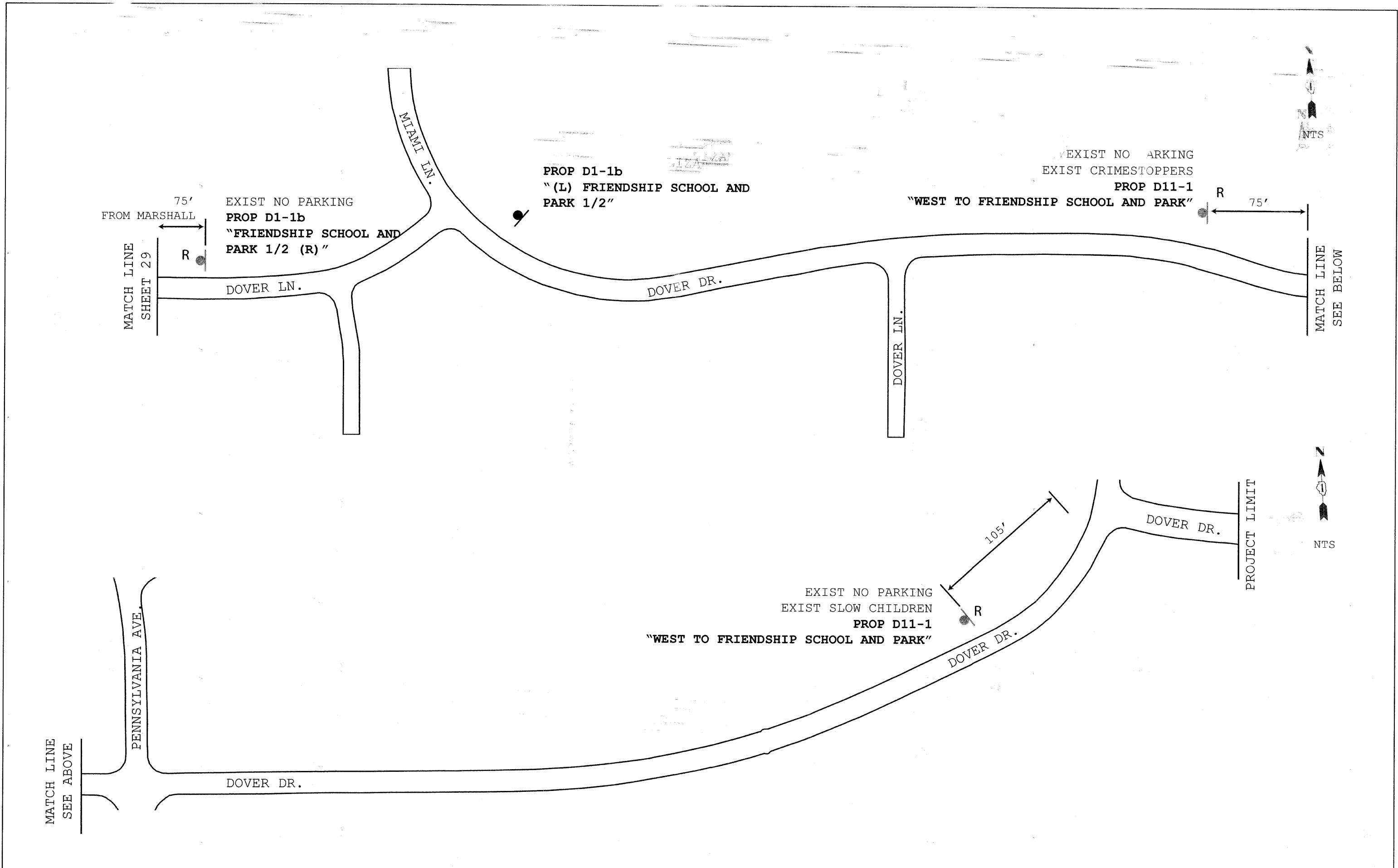
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
CORDIAL DRIVE/MARSHALL DRIVE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	43
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



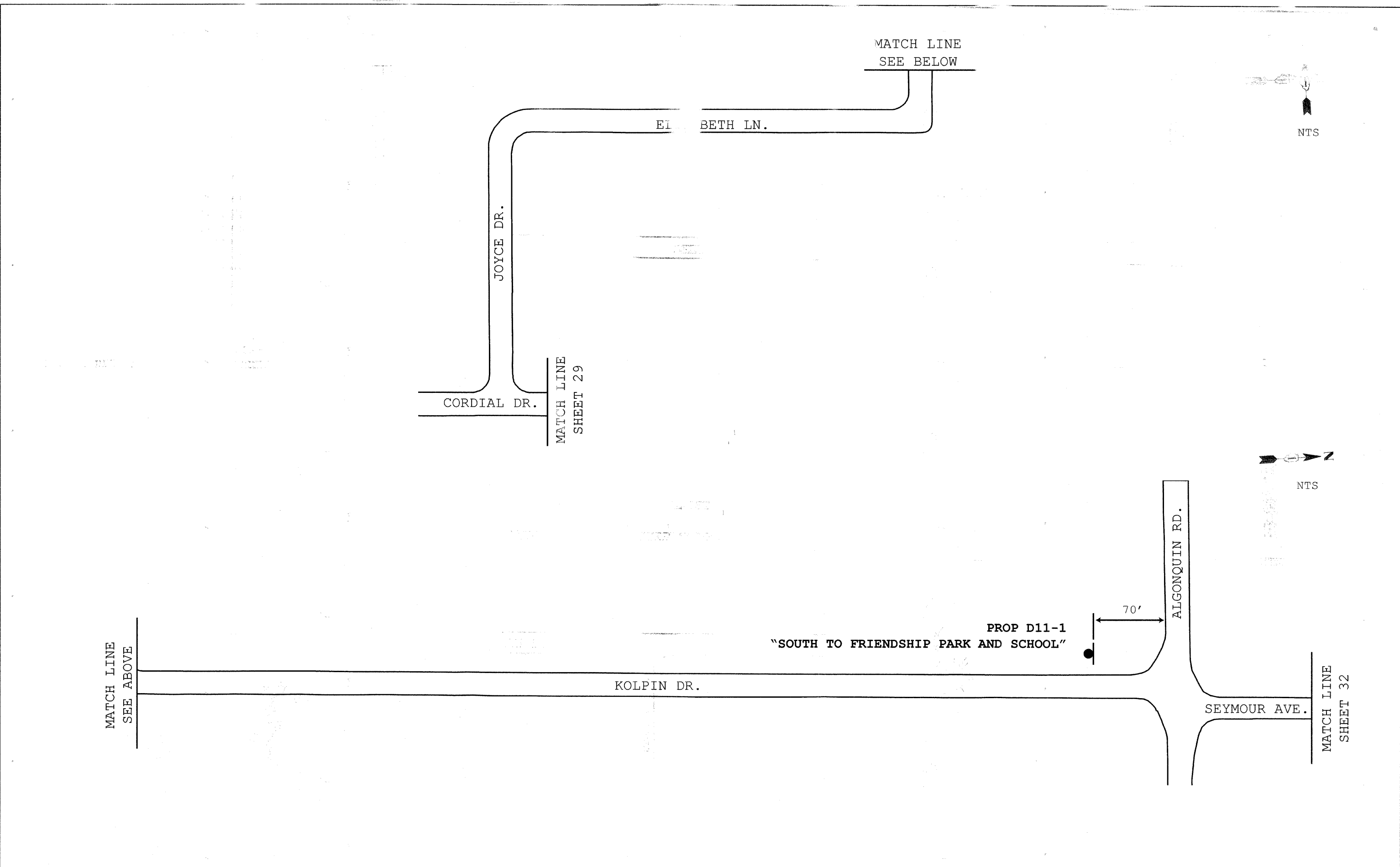
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

**SIGNING PLAN
DOVER DRIVE**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	44
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



MATCH LINE
SEE ABOVE

MATCH LINE
SHEET 29

MATCH LINE
SEE BELOW

NTS

NTS

MATCH LINE
SHEET 32

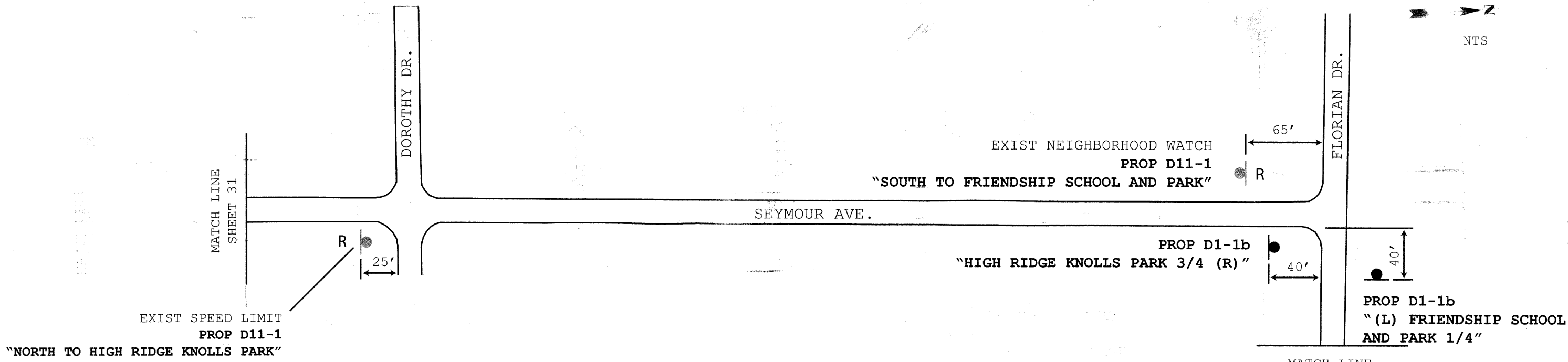
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

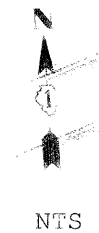
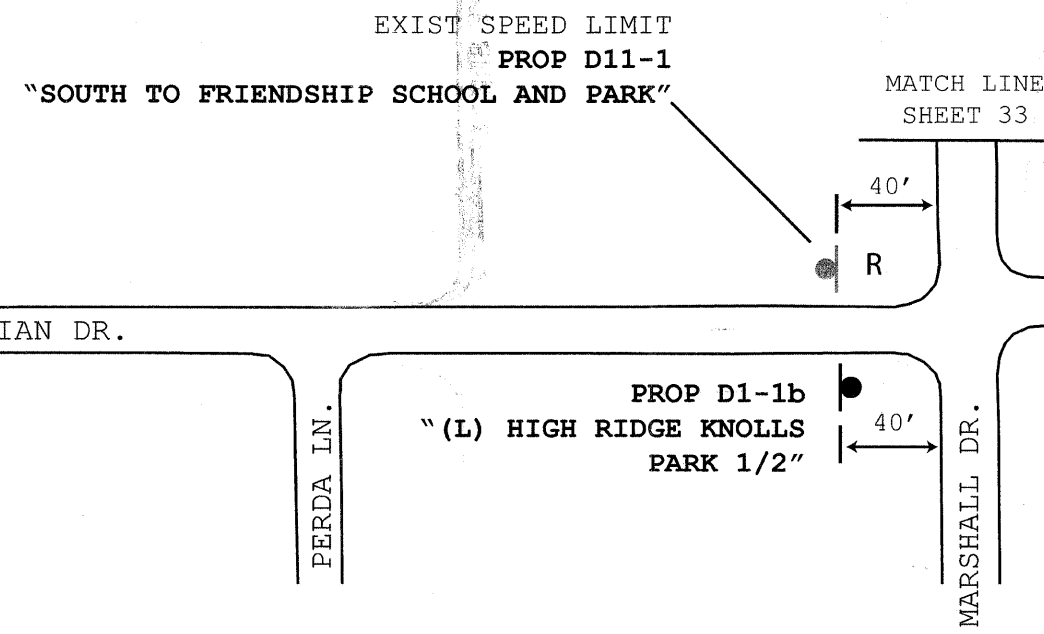
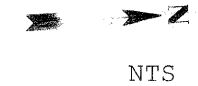
**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

**SIGNING PLAN
KOLPIN DRIVE**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	45
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



MATCH LINE
SEE BELOW



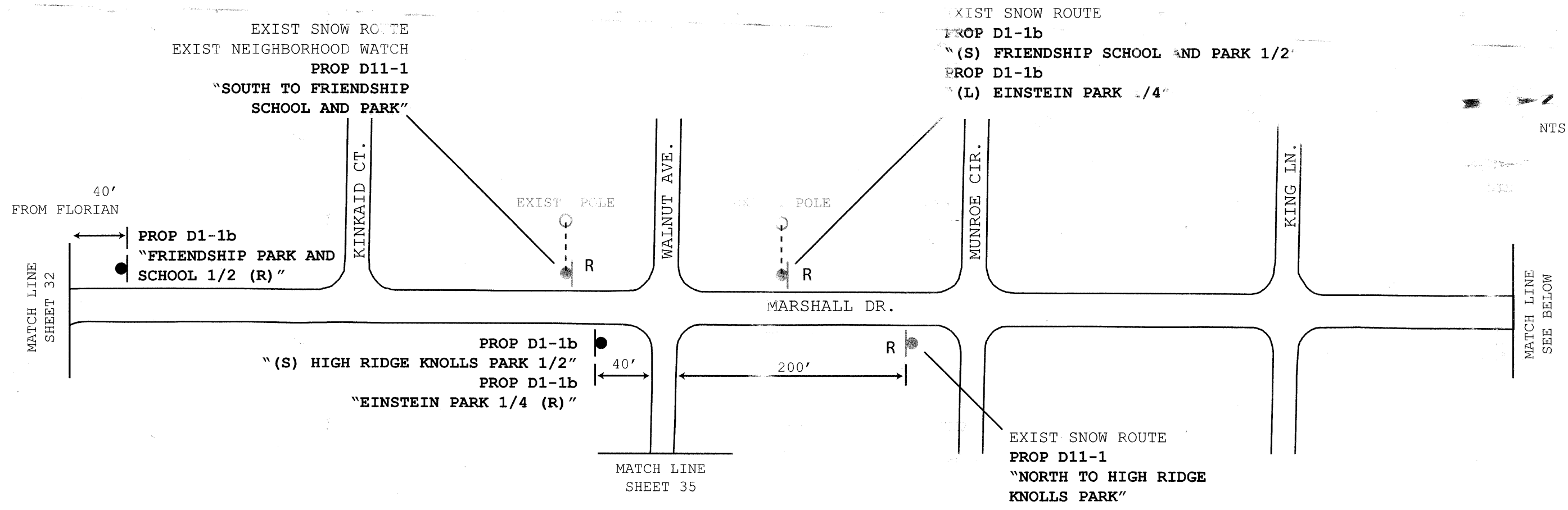
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

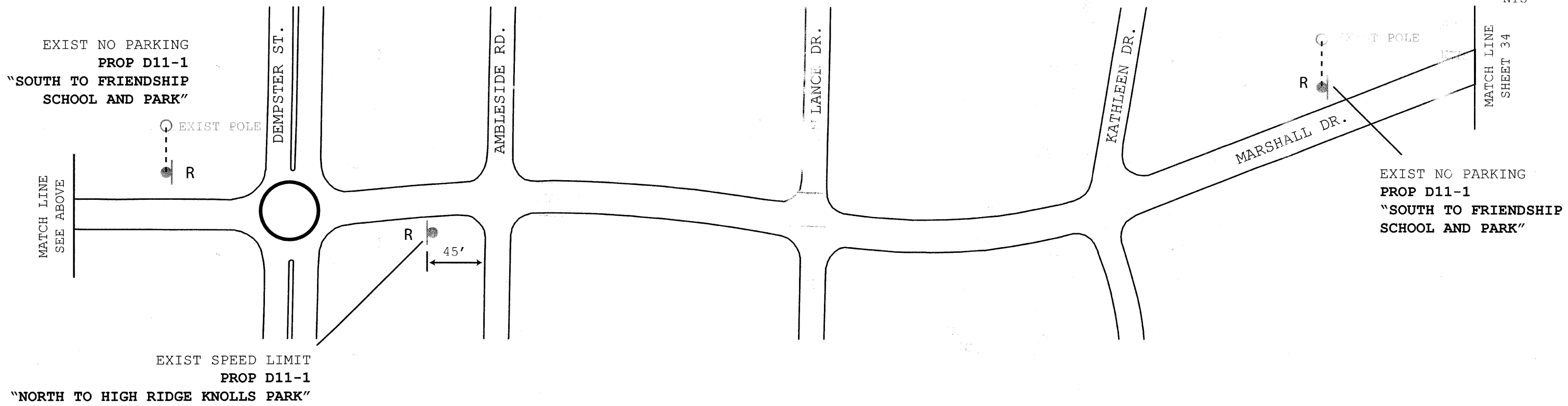
**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

**SIGNING PLAN
SEYMOUR AVENUE/FLORIAN DRIVE**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-B	COOK	54	46
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



NTS



NTS

TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -	CITY OF DES PLAINES STAGE 1 BIKE NETWORK	SIGNING PLAN MARSHALL DRIVE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TG	REVISED -			09-00208-00-BT	COOK	54	47	
	CHECKED - DAJ	REVISED -			CONTRACT NO. 63359				
	DATE - 04/26/10	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

EXIST. 10A

3/12 1/2



MATCH LINE
SHEET 33

MILLERS RD.

SANDY LN.

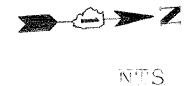
WESTMERE RD.

MARSHALL DR.

MATCH LINE
SEE BELOW

40'

PROP D11-1
"NORTH TO BRENTWOOD SCHOOL AND PARK"



MATCH LINE
SEE ABOVE

DEBRA DR.

DULLES RD.

MARSHALL DR.

PROP D11-1
"SOUTH TO HIGH RIDGE
KNOLLS PARK"

40'

PROP D1-1b
"BRENTWOOD SCHOOL AND PARK 1/4 (R)"

MATCH LINE
SHEET 1

TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
MARSHALL DRIVE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	48
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	

40'
FROM MARSHALL

MATCH LINE
SHEET 33

PROP D1-1b
"(L) FRIENDSHIP SCHOOL AND PARK 1/2"
PROP D1-1b
"HIGH RIDGE KNOLLS 1/2 (R)"

WALNUT AVE.

100'

R

FROM MARSHALL

EXIST SNOW ROUTE
EXIST CRIMESTOPPERS
PROP D11-1
"EAST TO PRAIRIE LAKES PARK"

EXIST SPEED LIMIT
PROP D11-1
"WEST TO EINSTEIN PARK"

MATCH LINE
SEE ABOVE

EXIST SNOW ROUTE
PROP D11-1
"WEST TO EINSTEIN
PARK"

150'

R

ANDERSON TER.

LEAHY CIR.

INGRAM PL.

SPRUANCE PL.

95'

R

MOUNT PROSPECT RD.

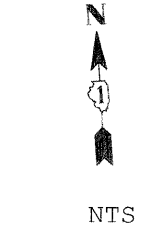
HYDRANT

40'

R

EXIST SNOW ROUTE
PROP D11-1
"EAST TO PRAIRIE
LAKES PARK"

WALNUT AVE.



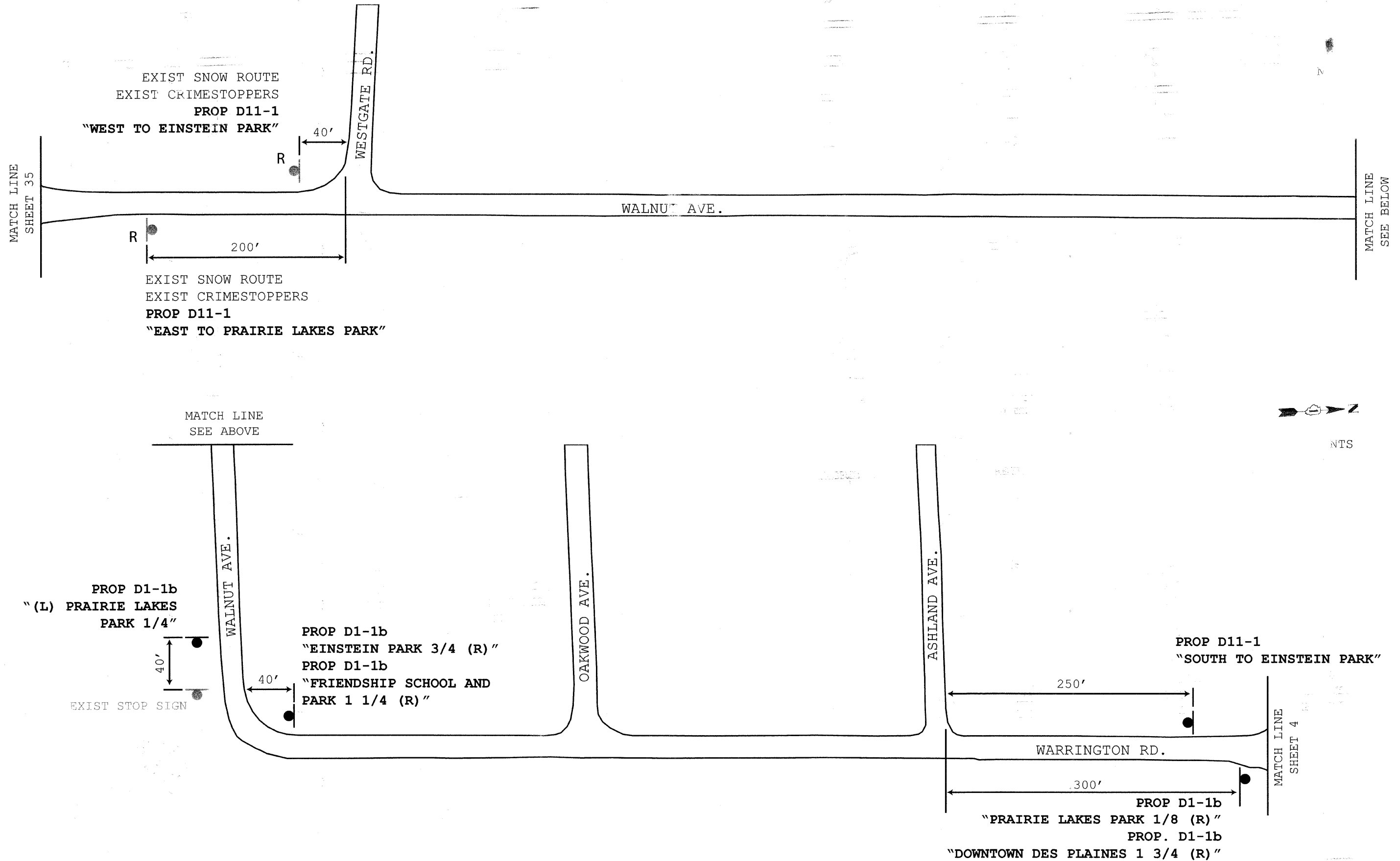
TYLIN INTERNATIONAL

DESIGNED - SM	REVISED -
DRAWN - TG	REVISED -
CHECKED - DAJ	REVISED -
DATE - 04/26/10	REVISED -

CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

SIGNING PLAN
WALNUT AVENUE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	49
CONTRACT NO. 63359				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

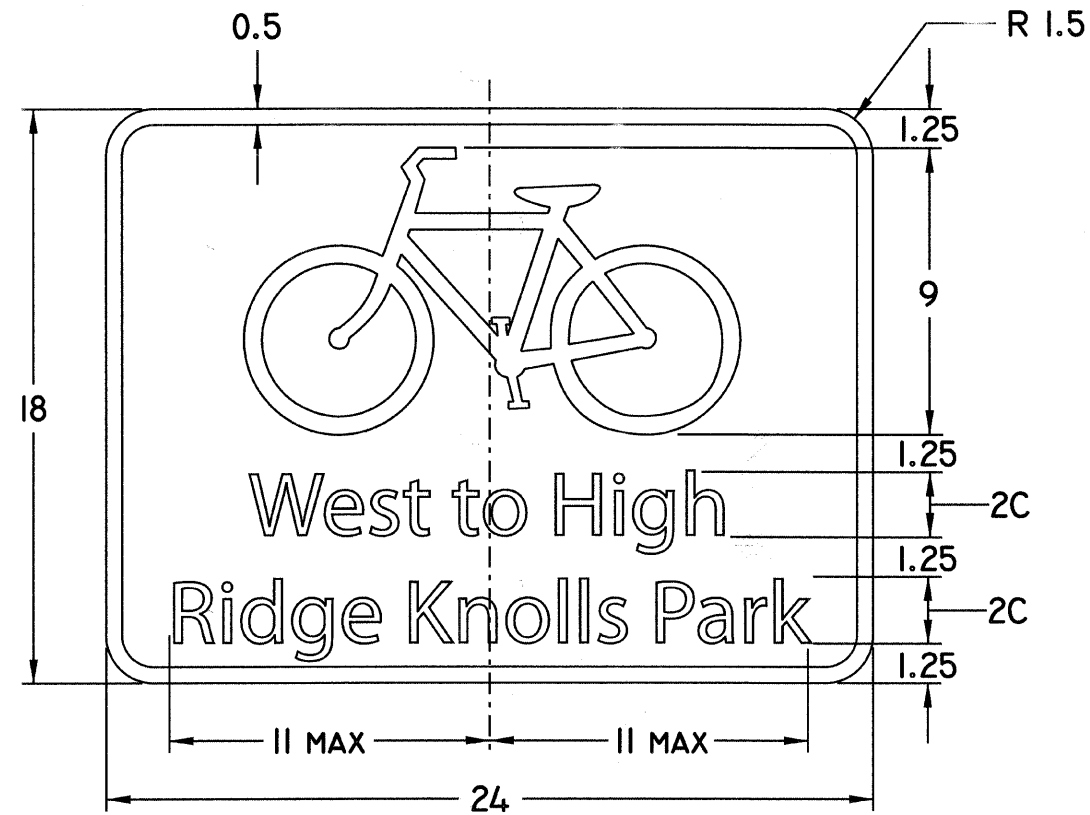


TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -
	DRAWN - TG	REVISED -
	CHECKED - DAJ	REVISED -
	DATE - 04/26/10	REVISED -

**CITY OF DES PLAINES
STAGE 1 BIKE NETWORK**

**SIGNING PLAN
WALNUT AVENUE/WARRINGTON ROAD**

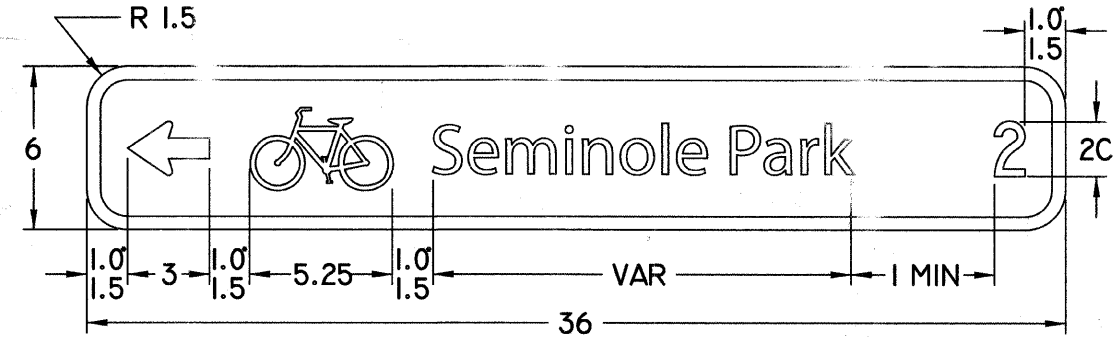
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	50
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



COLORS: LEGEND - WHITE (RETROREFLECTIVE)
 BACKGROUND - GREEN (RETROREFLECTIVE)
 BORDER - WHITE (RETROREFLECTIVE)

- NOTES: 1. ALL UNITS IN INCHES.
 2. LEGEND TEXT WILL VARY.
 3. SEE PAGE 6-7 OF THE FHWA STANDARD HIGHWAY SIGNS MANUAL FOR BIKE SYMBOL DESIGN DETAIL.
 4. UNLESS OTHERWISE NOTED, CENTER LEGEND HORIZONTALLY ON SIGN.

D11-1



COLORS: LEGEND - WHITE (RETROREFLECTIVE)
 BACKGROUND - GREEN (RETROREFLECTIVE)
 BORDER - WHITE (RETROREFLECTIVE)

- NOTES: 1. ALL UNITS IN INCHES.
 2. LEGEND TEXT WILL VARY.
 3. SEE PAGE 6-7 OF THE FHWA STANDARD HIGHWAY SIGNS MANUAL FOR BIKE SYMBOL DESIGN DETAIL.
 4. UNLESS OTHERWISE NOTED, CENTER LEGEND VERTICALLY ON SIGN.
 5. THE SHORTEST POSSIBLE PANEL LENGTH SHALL BE USED FOR INDEPENDENTLY MOUNTED SIGNS.
 6. ALL PANELS IN A GIVEN ASSEMBLY SHALL BE OF EQUAL LENGTH, WHERE THE LENGTH IS BASED ON THE SHORTEST POSSIBLE PANEL LENGTH FOR THE LONGEST INDIVIDUAL LEGEND IN THAT ASSEMBLY.
 7. UNLESS OTHERWISE NOTED, PANEL LENGTHS SHALL BE EITHER 30" OR 36".

D1-1b

TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -	CITY OF DES PLAINES STAGE 1 BIKE NETWORK	SIGN DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TG	REVISED -			09-00208-00-BT	COOK	54	51	
	CHECKED - DAJ	REVISED -			CONTRACT NO. 63359				
	DATE - 04/26/10	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

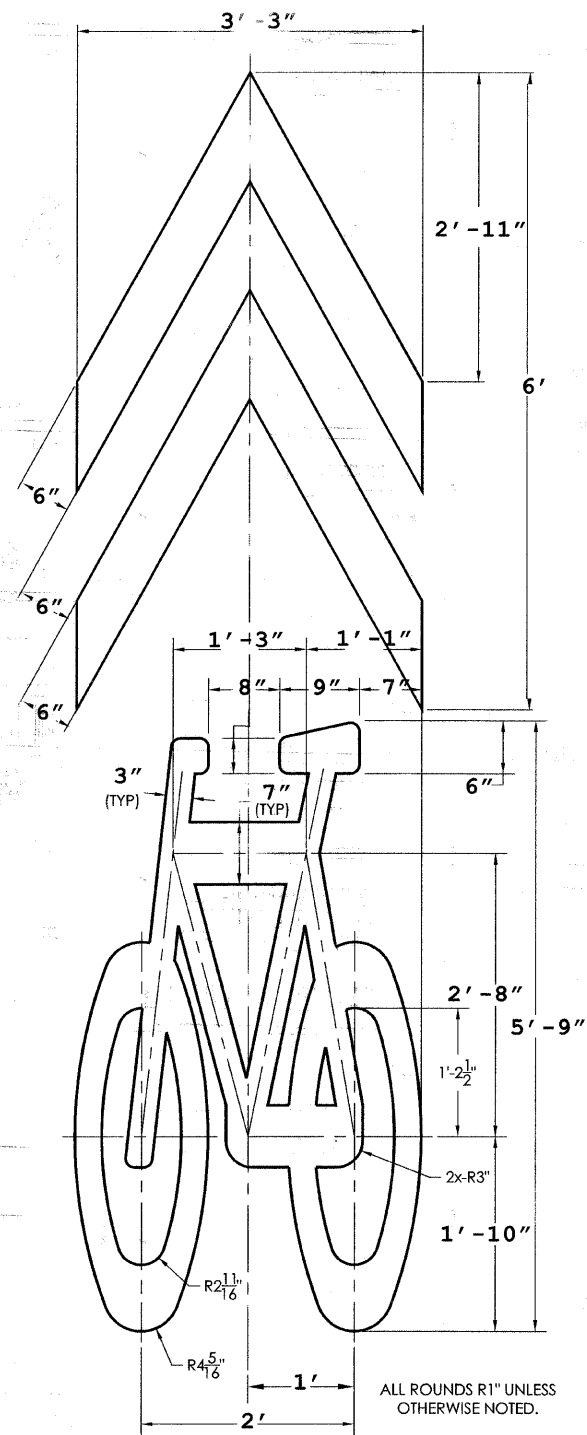


COLORS: LEGEND - BLACK
 BACKGROUND - FLOURESCENT YELLOW-GREEN (RETROREFLECTIVE)
 BORDER - FLOURESCENT YELLOW-GREEN (RETROREFLECTIVE)

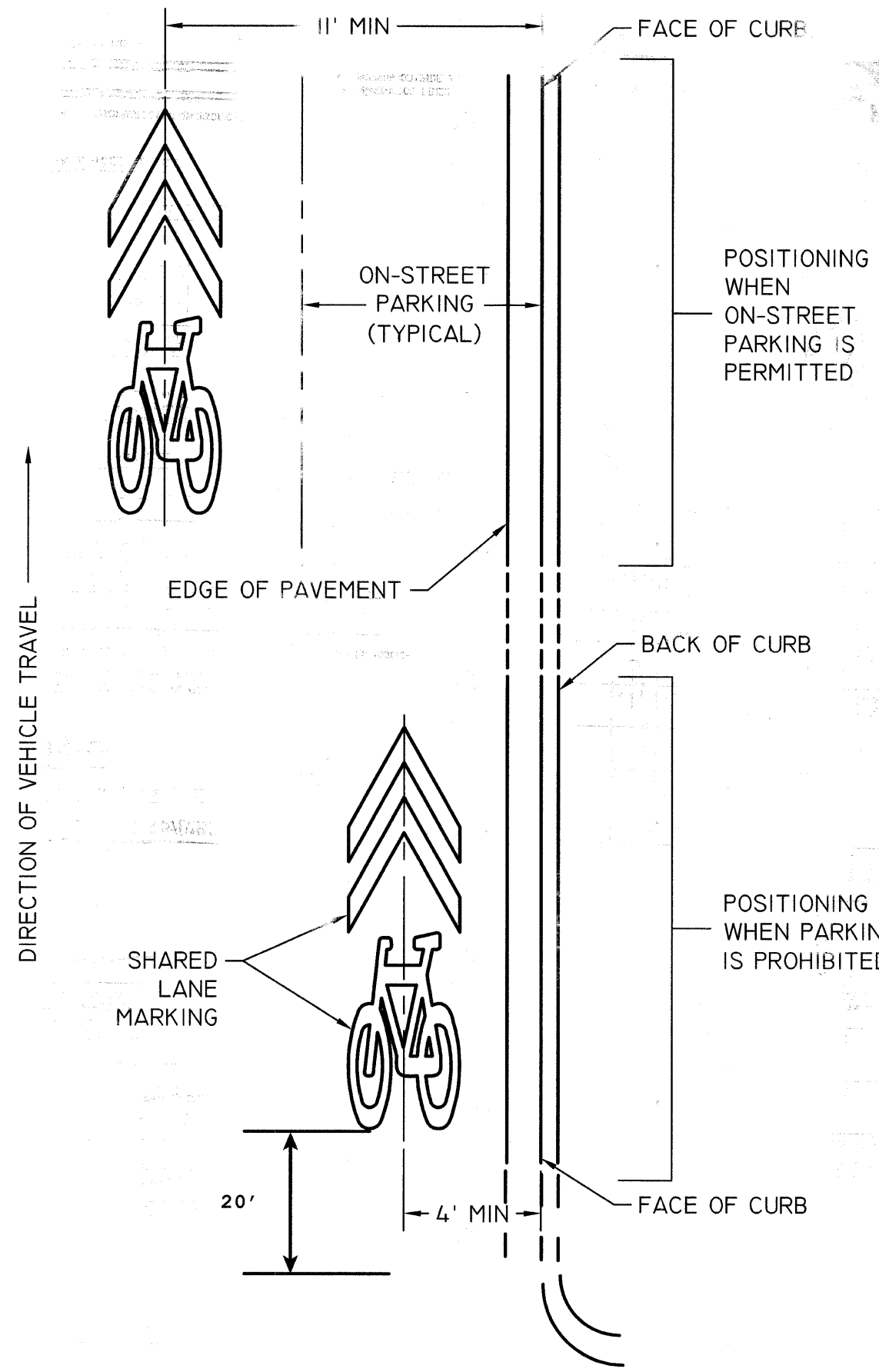
NOTES: 1. ALL UNITS IN INCHES.

W11-1a

TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -	CITY OF DES PLAINES STAGE 1 BIKE NETWORK	SIGN DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TG	REVISED -			09-00208-00-BT	COOK	54	52	
	CHECKED - DAJ	REVISED -			CONTRACT NO. 63359				
	DATE - 04/26/10	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SHARED LANE MARKING SYMBOL



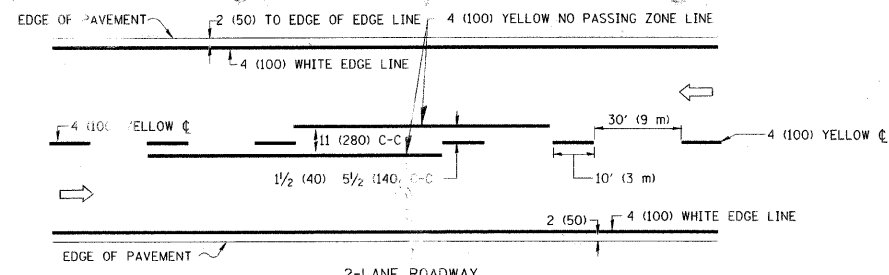
LATERAL SYMBOL PLACEMENT

TYLIN INTERNATIONAL	DESIGNED - SM	REVISED -
	DRAWN - TG	REVISED -
	CHECKED - DAJ	REVISED -
	DATE - 04/26/10	REVISED -

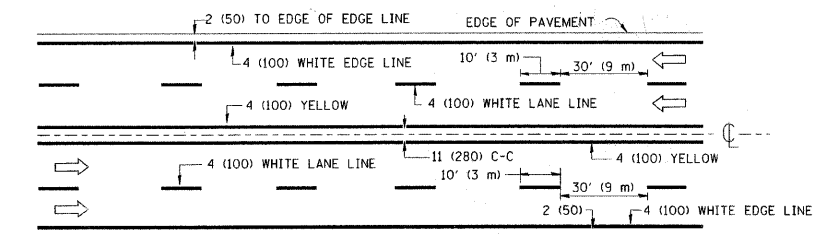
CITY OF DES PLAINES
STAGE 1 BIKE NETWORK

PAVEMENT MARKING DETAILS

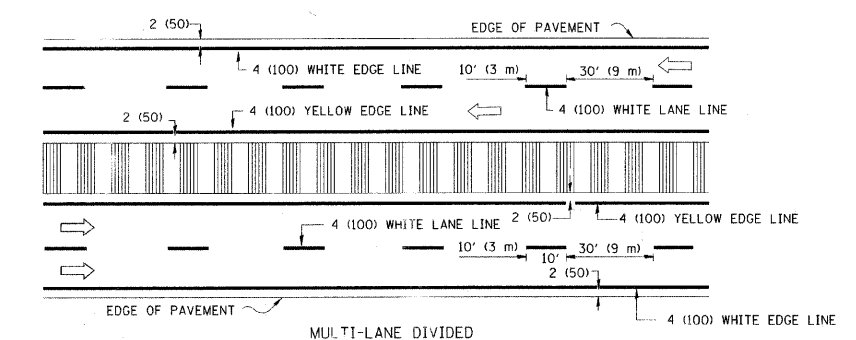
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00208-00-BT	COOK	54	53
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63359	



2-LANE ROADWAY



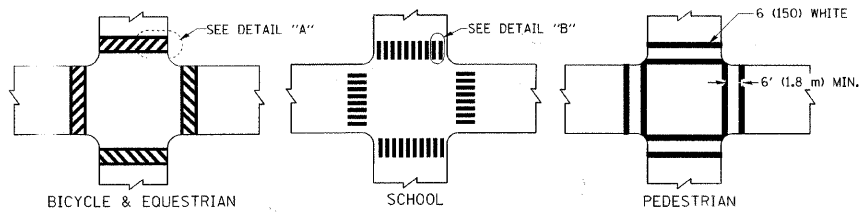
MULTI-LANE UNDIVIDED



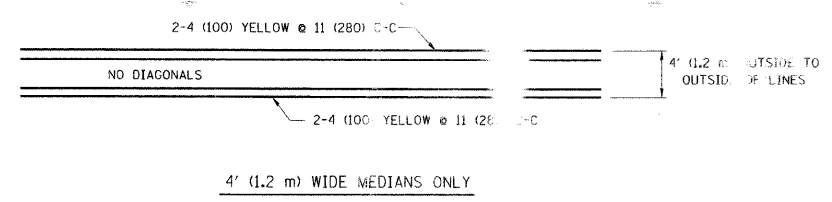
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

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

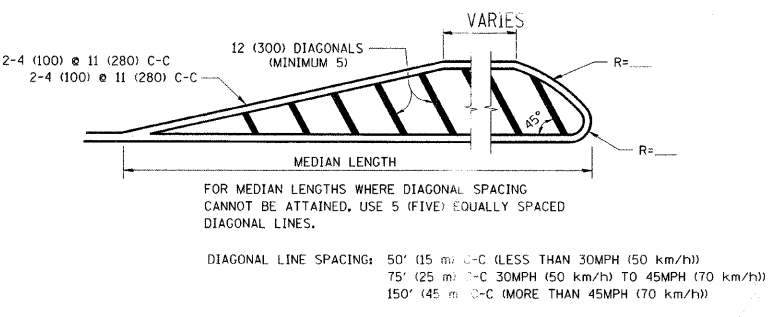
TYPICAL LANE AND EDGE LINE MARKING



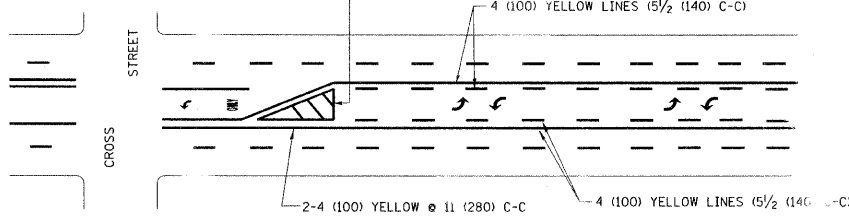
TYPICAL CROSSWALK MARKING



4' (1.2 m) WIDE MEDIANS ONLY

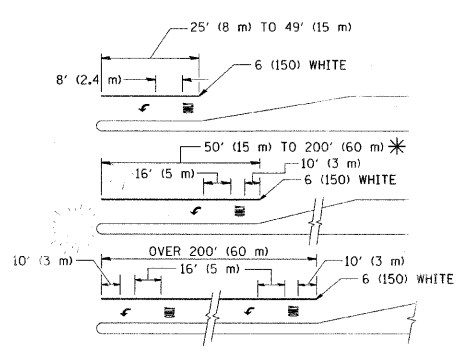


MEDIANS OVER 4' (1.2 m) WIDE



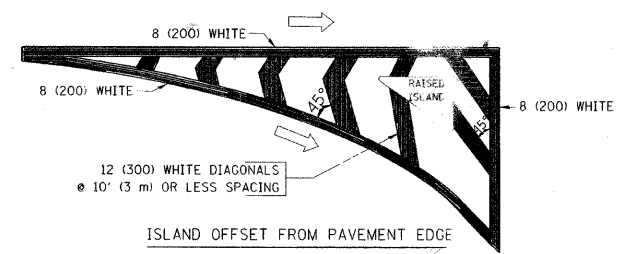
MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

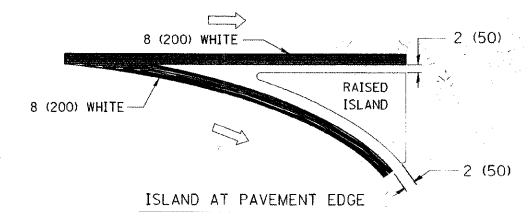


TYPICAL LEFT (OR RIGHT) TURN LANE

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 1/2 (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)	SKIP-DASH	WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	5 (125) ON FREEWAYS	SKIP-DASH	WHITE	
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	2' (600) LINE WITH 6' SPACE
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	SEE TYPICAL TURN LANE MARKING DETAIL
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN)	2 @ 6 (150)	SOLID	WHITE	NOT LESS THAN 6' (1.8 m) APART
A. DIAGONALS (BIKE & EQUESTRIAN)	12 (300) @ 45°	SOLID	WHITE	2' (600) APART
B. LONGITUDINAL BARS (SCHOOL)	12 (300) @ 90°	SOLID	WHITE	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°	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 78000! 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 (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 = drivakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
ci:\pw\work\wide...	akosgn\d0106315\to3.dgn	DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS			09-00208-00-BT		54	54
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.	CONTRACT NO. 63359	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

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
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

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

3" (75) MIN.

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

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.

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.

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.

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. -	SECTION	COUNTY	TOTAL	SHEET
01\pw_work\pwsdot\drivakosgn\d0108315\bd24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	09-00208-00-BT	COOK	54	54a
		PLOT SCALE = 50.000' / IN.	REVISED - M. GOMEZ 01-22-01					BD600-06 (BD-24)		CONTRACT NO.		
		PLOT DATE = 12/15/2009	REVISED - R. BORO 12-15-09					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				