

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00099-00-BT	DUPAGE	30	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

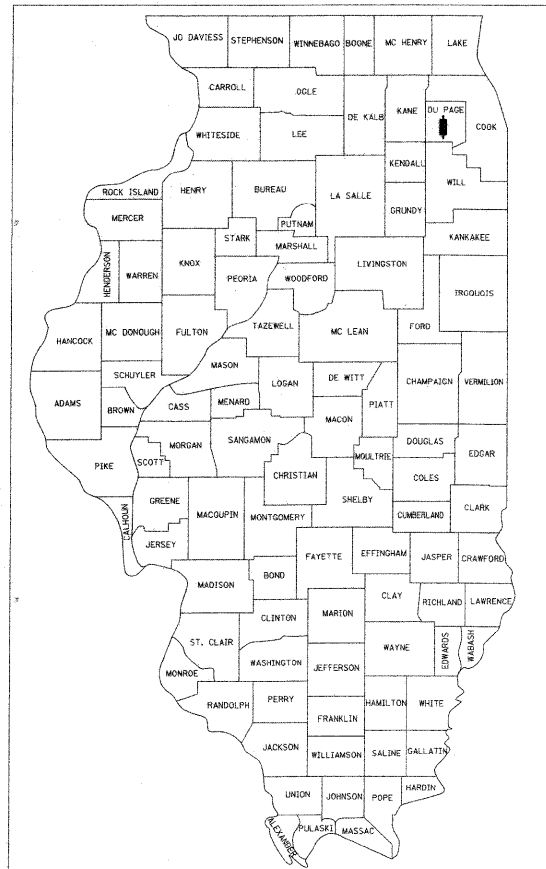
**BIKE PATH CONSTRUCTION
SECTION NO. 09-00099-00-BT
PROJECT NO. CMM-9003 (650)
JOB NO. C-91-715-09
VILLAGE OF DOWNERS GROVE
DuPAGE COUNTY**

INDEX OF SHEETS

DESCRIPTION

SHEET NO.

TITLE SHEET	1
GENERAL NOTES AND IDOT STANDARDS	2
SUMMARY OF QUANTITIES	3
PROPOSED AND EXISTING TYPICAL SECTIONS	4
ALIGNMENT, TIES AND BENCHMARKS	5-6
EARTHWORK SCHEDULE	7
BIKE PLAN SIGNAGE	8-14
BIKE PATH PLAN AND PROFILE	15-19
CONSTRUCTION DETAILS	20
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	21
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	22
CROSS SECTIONS	23-30



LOCATION OF SECTION INDICATED THIS: - [Black Rectangle]

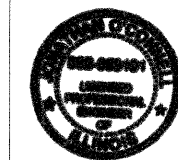
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED *Daniel Newton* 3/17, 2010

VILLAGE OF DOWNERS GROVE, DIRECTOR OF PUBLIC WORKS

PASSED *March 31* 2010
Chris Hebert
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

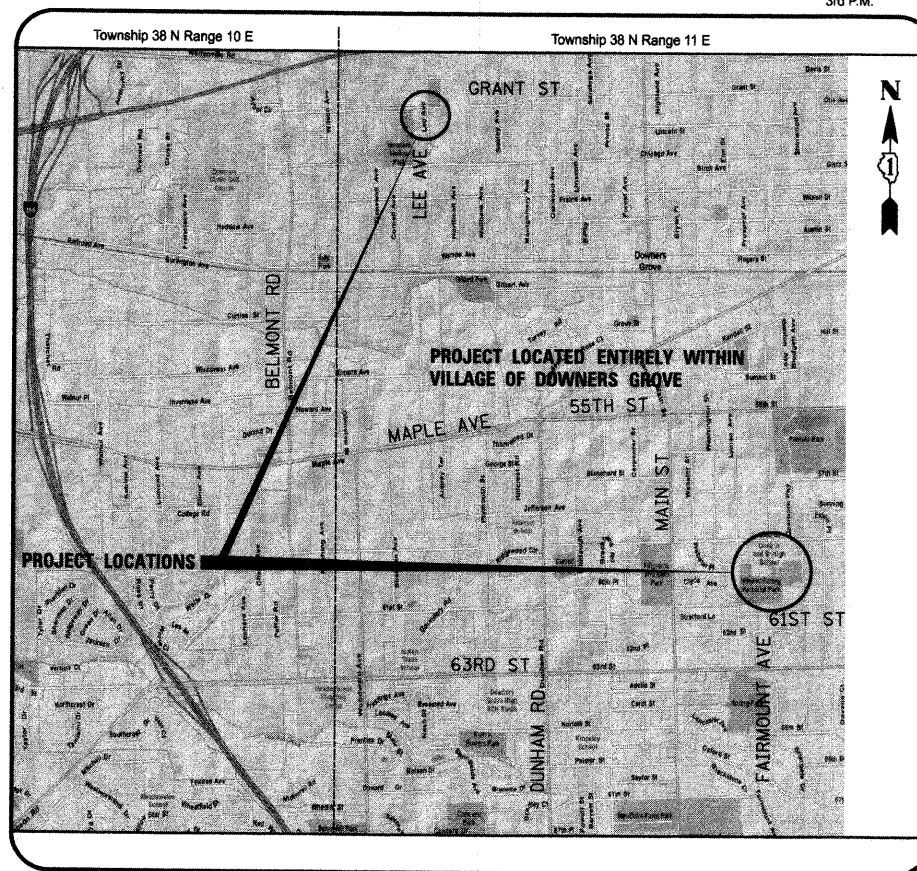
RELEASING FOR BID
BASED ON LIMITED
REVIEW *April 2* 2010
Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER



Jonathan O'Connell 3/17/2010
ENGINEER DATE

JONATHAN O'CONNELL
ILLINOIS REGISTRATION No. 062-059191
EXPIRATION DATE: 11/30/2011

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

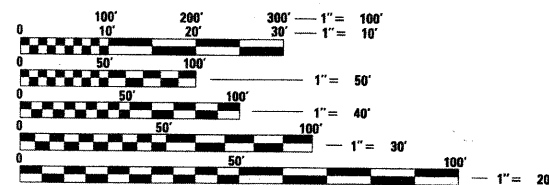


38 N Township

LOCATION MAP

N.T.S.

GROSS LENGTH OF PROJECT = 35,578 FEET (6.74 MI)
NET LENGTH OF PROJECT = 35,578 FEET (6.74 MI)
THIS IS THE COMBINED LENGTH OF ALL PROPOSED
BIKE PATHS AND THE STREETS THAT WILL BE SIGNED.



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
8-1-1 OR 1-800-892-0123

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

CONTRACT NO. 63451

FIELD ENGINEER: MARILYN SOLOMON
201 W. CENTER COURT
SCHAMBURG, ILLINOIS 60196-1096
(847) 705-4407

GENERAL NOTES

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2010; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD), "FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE COURSE, MIX "C", NSO. IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.

ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:

SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.

EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.

ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DESIGNATED BY THE ENGINEER.

ALL UNUSED SIGNS WILL BE RETURNED TO THE VILLAGE OR DISPOSED OF AS DIRECTED BY THE ENGINEER.

LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.

TREE PROTECTION

REFER TO THE VILLAGE OF DOWNERS GROVE MUNICIPAL CODE FOR ADDITIONAL REQUIREMENTS FOR TREE PROTECTION WITHIN THE CONSTRUCTION ZONE.

EARTH EXCAVATION

EXCAVATION REQUIRED TO CLEAN SIDE ROAD DITCHES, CONSTRUCT DRIVEWAYS OR CONSTRUCT SIDE ROAD APPROACHES SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.

ALL SUITABLE EXCESS MATERIAL FROM SEWER TRENCHES, WIDENING, SIDEROADS, ENTRANCES OR OTHER NECESSARY EXCAVATIONS SHALL BE USED IN THE CONSTRUCTION OF THE ROADWAY. PLACEMENT AND COMPACTION OF THIS MATERIAL SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF DOWNERS GROVE. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. HAND EXCAVATION SHALL BE PERFORMED IF MAJOR ROOTS ARE PRESENT. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC DAMAGE TO THE REMAINING TREE STRUCTURE. THE EXPENSE OF ANY REQUIRED HAND EXCAVATION AS DESCRIBED ABOVE, SHALL BE PAID FOR UNDER TREE PROTECTION, SPECIAL.

ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND COVER SHALL REMAIN.

THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

THE CONTRACTOR MUST COORDINATE WITH THE VILLAGE AND PROVIDE 72 HOURS ADVANCE NOTICE PRIOR TO CONSTRUCTION.

ANY SIDEWALK THAT IS BEING REMOVED FOR THE TRAIL INSTALLATION SHOULD NOT BE TAKEN OUT OF SERVICE UNTIL CLOSE TO WHEN THE TRAIL WILL BE CONSTRUCTED IN ITS PLACE.

CONTRACTOR WILL RESTORE AREAS ADJACENT TO THE PATH WITHIN TWO WEEKS OF PAVING THE PATH.

UTILITY COORDINATION

UTILITY COMPANY	Village of Downers Grove	DuPage Water Commission	Level 3 Communication, LLC	Downers Grove Sanitary District	AT&T (T-TCG)	Nicor Gas	ComEd	MCI	Comcast	AT&T (SBC)	XO Illinois, Inc.
CONSTRUCTION CONTACT PERSON	Michael Millette	Michael Schweizer	Jim Martin	Ted Cherkwak	Bobby Ahktar	Constance Lane	Tom Stutzman	Dean Boyers	Martha Gieras	David Pheips	Randy Wood
PHONE	830-434-5500	830-834-0100		830-989-0664	630-810-6274	630-983-8876	(630) 578-6798	(972) 729-7000	630-800-6346		630-371-3100
FAX	830-434-6571	630-834-0120		630-989-0827		630-983-8725			630-800-6390		
ADDRESS	Village of Downers Grove 5101 Walnut Avenue Downers Grove, IL 60515	DuPage Water Commission 600 E. Butterfield Road Elmhurst, IL 60128	Level 3 Communication, LLC 2101 Roberts Drive Broadview, IL 60155	Downers Grove Sanitary District 2710 Curtiss Street Downers Grove, IL 60515	AT&T (T-TCG) 4513 Western Avenue Lisle, IL 60532	Nicor Gas 1844 Ferry Road Naperville, IL 60563	ComEd 2 Lincoln Center Oakbrook Terrace, IL 60181	MCI 2400 N. Glenview Richardson, TX 75082	Comcast 888 Industrial Drive Elmhurst, IL 60126	AT&T (SBC) 1000 Commerce Dr. Floor 2 Oak Brook, IL 60523	XO Illinois, Inc. 810 Jorie Blvd, Suite 200 Oak Brook, IL 60523
FACILITIES IN / NEAR PROJECT	T.B.D	T.B.D.	T.B.D	T.B.D	T.B.D	T.B.D	T.B.D	T.B.D	T.B.D	T.B.D	T.B.D
COMMENTS / STATUS	Plans Sent December 22, 2009	Plans Sent December 22, 2009	Phone Call received 1/5/10. No Conflicts.	Plans Sent December 22, 2009	Plans Sent December 22, 2009	No Conflicts Anticipated.	No Conflicts Anticipated.	Plans Sent December 22, 2009	No Conflicts Anticipated.	Plans Sent December 22, 2009	Plans Sent December 22, 2009

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE OF DOWNERS GROVE IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE VILLAGE OF DOWNERS GROVE MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS.

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

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

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

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 8-1-1 OR 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, CABLE, TELEVISION FACILITIES, WATER, SANITARY AND STORM.

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE OF DOWNERS GROVE, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED, AND SHALL BE AS INDICATED ON THE PLANS. ELEVATIONS SHOWN AT POINT OF CURVE, ETC. ARE BACK OF CURB UNLESS OTHERWISE NOTED.

WATER, STORM SEWER AND SANITARY SEWER

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

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE THE COST OF THE PROPOSED PATH.

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR.

THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE VILLAGE WATER DEPARTMENT. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.

MISCELLANEOUS

DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED. PLAN THICKNESSES SHOULD BE CONSIDERED THE MINIMUM THICKNESS PERMITTED.

ALL SAWCUTTING SHALL BE INCLUDED IN THE COST OF REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

EROSION CONTROL

ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON THE SITE.

LIST OF HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS (USE RECTANGULAR PATTERN)
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
701301-03	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720021-02	SIGN PANELS EXTRUDED ALUMINUM TYPE

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/ DIRECTION AND MEANS/ METHODS OF CONSTRUCTION

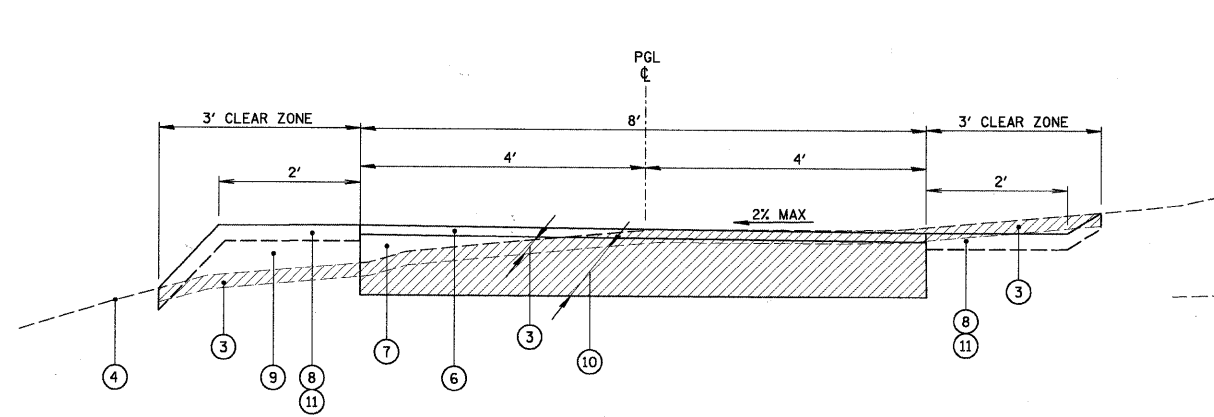
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		DRAWN -	REVISED -					09-00099-00-BT	DUPAGE	30	2
		CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO. 63451	
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

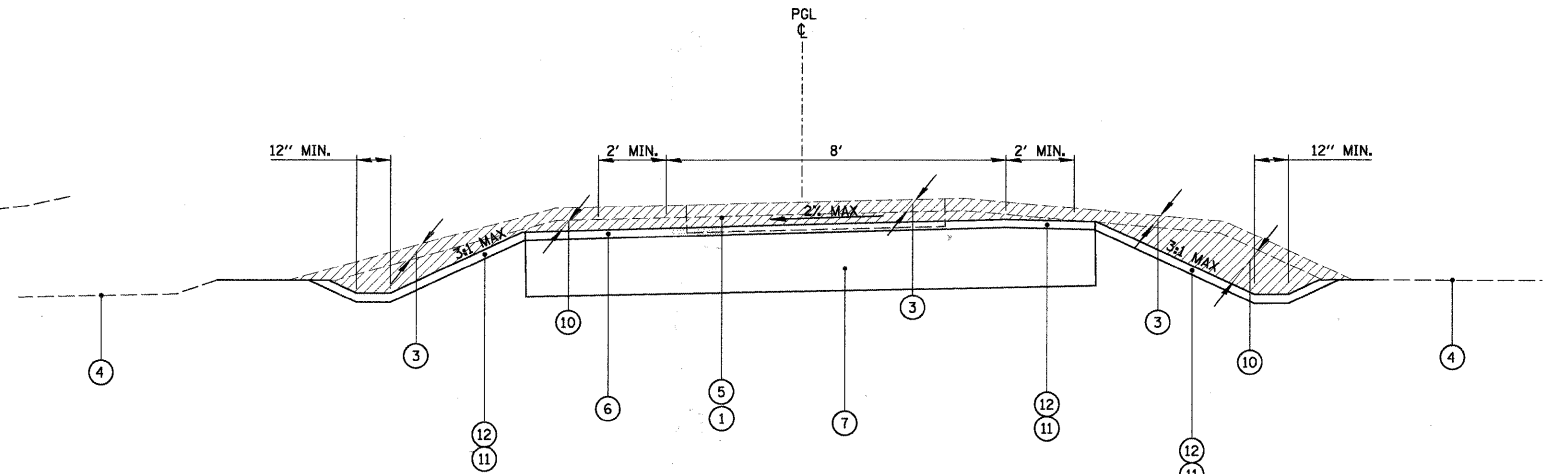
SPECIALTY ITEM	ITEM	DESCRIPTION	UNIT	Y-052 TOTAL QUANTITY
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	110
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30
	20101000	TEMPORARY FENCE	FOOT	60
	20200100	EARTH EXCAVATION	CU YD	830
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	65
	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	65
	20800250	TRENCH BACKFILL, SPECIAL	CU YD	10
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1800
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	40
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	40
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	40
*	25000830	HYDRAULIC SEEDING	ACRE	0.40
*	25100115	MULCH, METHOD 2	ACRE	0.40
*	25200110	SODDING, SALT TOLERANT	SQ YD	300
	28000400	PERIMETER EROSION BARRIER	FOOT	4000
	28000510	INLET FILTERS	EACH	2
	35102100	AGGREGATE BASE COURSE, TYPE B 9"	SQ YD	1500
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	260
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	300
	42400800	DETECTABLE WARNINGS	SQ FT	130
	44000100	PAVEMENT REMOVAL	SQ YD	70
	44000600	SIDEWALK REMOVAL	SQ FT	300
	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	20
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	30
	67100100	MOBILIZATION	L SUM	1
*	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
	72000100	SIGN PANEL - TYPE 1	SQ FT	400
	72900100	METAL POST TYPE A	FOOT	1920
*	A2000118	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	14
	X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	12
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
	XX002258	STRUCTURES TO BE ADJUSTED	EACH	1
	XX006459	LOCKABLE REMOVABLE POST	EACH	6
*	XX006910	TREE PROTECTION, SPECIAL	EACH	17

*INDICATES SPECIALTY ITEM

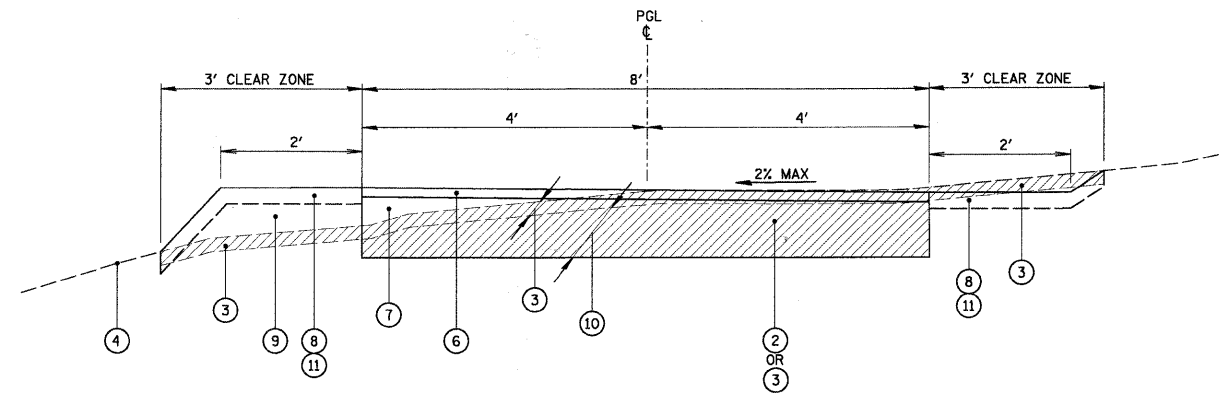
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		DRAWN -	REVISED -			09-00099-00-BT	DUPAGE	30	3	
		CHECKED -	REVISED -			CONTRACT NO. 63451				
		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT		



EXISTING/PROPOSED TYPICAL SECTION
FAIRMOUNT AVENUE
STA. 60+00 TO STA. 67+25.42
 N.T.S.



EXISTING/PROPOSED TYPICAL SECTION
GRANT STREET
STA. 30+02.10 TO STA. 31+05.00
 N.T.S.



EXISTING/PROPOSED TYPICAL SECTION
BIKE PATH CONNECTING LEE AVENUE TO DOWNERS DRIVE
STA. 40+00 TO STA. 48+09.46

LEGEND

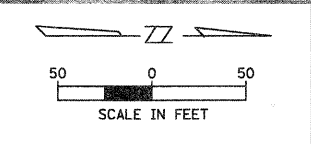
- ① EXISTING PAVEMENT
- ② EXISTING GRAVEL REMOVAL (PAID FOR AS EARTH EXCAVATION)
- ③ EXISTING TOPSOIL REMOVAL (APPROX. 4") (PAID FOR AS EARTH EXCAVATION)
- ④ EXISTING GRADE
- ⑤ EXISTING PAVEMENT REMOVAL
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ⑦ PROPOSED AGGREGATE BASE COURSE TYPE B - 9"
- ⑧ PROPOSED HYDROSEEDING, CLASS 3 W/ MULCH, METHOD 2
- ⑨ PROPOSED EMBANKMENT (PAID FOR AS EARTH EXCAVATION)
- ⑩ EARTH EXCAVATION
- ⑪ TOPSOIL FURNISH AND PLACE, 4"
- ⑫ SODDING, SALT TOLERANT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3" (IL 9.5mm)	4%±0.50 GYR.

NOTES:

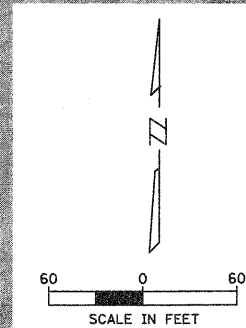
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT QUANTITIES IS 112 LBS/SY/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



ELEVATION BENCHMARKS DATUM: DUPAGE COUNTY NGVD '29		
NO.	DESCRIPTION	ELEV.
DGN05002	ALUMINUM DISK "DUPAGE CNTY MAPS" LOCATED APPROX. 99 FEET EAST OF THE CENTERLINE OF MAIN STREET AND 39 FEET SOUTH OF THE CENTERLINE OF U.S. RTE 34 (OGDEN AV)	748.06
OSBM 9-4	S. E. LIGHT IN YMCA PARKING AT CUL-DE-SAC OF FAIRMOUNT.	764.04



FILE NAME =	USER NAME = MAGOLDEN	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VILLAGE OF DOWNERS GROVE ALIGNMENT, TIES AND BENCHMARKS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\DownersGrove\080569\Civil\080569_1A_P1H.SHT		DRAWN -	REVISED -			09-00099-00-BT	DUPAGE	30	5	
PLOT SCALE = 50'		CHECKED -	REVISED -			CONTRACT NO. 63451				
PLOT DATE = 3/19/2010		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:						SHEET NO. OF SHEETS		STA. TO STA.		



ELEVATION BENCHMARKS DATUM: DUPAGE COUNTY NGVD '29		
NO.	DESCRIPTION	ELEV.
DGN05002	ALUMINUM DISK "DUPAGE CNTY MAPS" LOCATED APPROX. 99 FEET EAST OF THE CENTERLINE OF MAIN STREET AND 39 FEET SOUTH OF THE CENTERLINE OF U.S. RTE 34 (OGDEN AV)	748.06
OSBM 9-8	N.W. BOLT OF HYDRANT WEST OF LEE ON NORTH SIDE OF GRANT.	749.16

PROP. CURVE LEEDW-1 PI STA. = 40+35.47 $\Delta = 39^{\circ} 03' 42''$ (RT) D = 57' 17' 45" R = 100.00' T = 35.47' L = 68.18' E = 6.11' $\theta = 2\%$ P.C. STA = 40+00.00 P.T. STA = 40+68.18	PROP. CURVE LEEDW-2 PI STA. = 40+88.99 $\Delta = 24^{\circ} 43' 12''$ (LT) D = 60' 18' 41" R = 95.00' T = 20.82' L = 40.99' E = 2.25' $\theta = 2\%$ P.C. STA = 40+68.18 P.T. STA = 41+09.16	PROP. CURVE LEEDW-3 PI STA. = 41+66.40 $\Delta = 31^{\circ} 17' 06''$ (RT) D = 60' 18' 41" R = 95.00' T = 26.60' L = 51.87' E = 3.65' $\theta = 2\%$ P.C. STA = 41+29.80 P.T. STA = 41+81.67
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PROP. CURVE LEEDW-4 PI STA. = 43+67.09 $\Delta = 27^{\circ} 47' 58''$ (RT) D = 60' 18' 41" R = 95.00' T = 23.51' L = 46.09' E = 2.87' $\theta = 2\%$ P.C. STA = 43+43.58 P.T. STA = 43+89.68	PROP. CURVE LEEDW-5 PI STA. = 44+27.99 $\Delta = 32^{\circ} 21' 46''$ (LT) D = 60' 18' 41" R = 95.00' T = 27.57' L = 53.66' E = 3.92' $\theta = 2\%$ P.C. STA = 44+10.43 P.T. STA = 44+64.09
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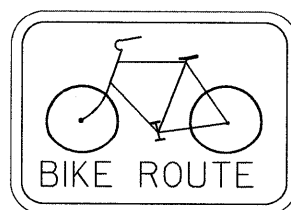
ELEVATION BENCHMARKS DATUM: DUPAGE COUNTY NGVD '29		
NO.	DESCRIPTION	ELEV.
DGN05002	ALUMINUM DISK "DUPAGE CNTY MAPS" LOCATED APPROX. 99 FEET EAST OF THE CENTERLINE OF MAIN STREET AND 39 FEET SOUTH OF THE CENTERLINE OF U.S. RTE 34 (OGDEN AV)	748.06
OSBM 9-6	N.E. BOLT OF HYDRANT AT N.E. CORNER OF GRANT AND DOWNERS.	760.63



EARTHWORK SCHEDULE

Station	Cut	Volume	CUT (Yd3)	Fill	Volume	EARTH BALANCE	TOPSOIL EXCAVATION	Volume	TOPSOIL PLACEMENT	Volume
	End Area ft ²	Yd ³	ADJUSTED FOR SHRINKAGE	End Area ft ²	Yd ³	Yd ³	End Area ft ²	Yd ³	End Area ft ²	Yd ³
30+25.00	56.4	51.94	44.15	0	0.00	44.15	12.1	11.48	12.6	11.39
30+50.00	55.8	57.41	48.80	0	0.00	48.80	12.7	12.36	12	11.30
30+75.00	68.2	35.46	30.14	0	0.14	30.00	14	8.66	12.4	6.67
31+00.00	8.4			0.3			4.7		2	
40+02.00	5.7	9.51	8.08	0	0.36	7.73	3.4	6.84	0.6	2.04
40+50.00	5	8.43	7.16	0.4	1.67	5.50	4.3	8.43	1.7	3.52
41+00.00	4.1	4.07	3.46	1.4	4.72	-1.26	4.8	9.35	2.1	4.44
41+50.00	0.3	8.43	7.16	3.7	3.43	3.74	5.3	9.17	2.7	4.91
42+00.00	8.8	13.43	11.41	0	0.19	11.23	4.6	8.24	2.6	3.98
42+50.00	5.7	5.28	4.49	0.2	7.59	-3.11	4.3	9.26	1.7	4.35
43+00.00	0	0.00	0.00	8	22.31	-22.31	5.7	11.57	3	6.57
43+50.00	0	0.00	0.00	16.1	19.91	-19.91	6.8	11.30	4.1	6.39
44+00.00	0	1.11	0.94	5.4	8.70	-7.76	5.4	10.00	2.8	5.09
44+50.00	1.2	3.15	2.68	4	6.57	-3.90	5.4	9.91	2.7	4.91
45+00.00	2.2	4.63	3.94	3.1	3.80	0.14	5.3	8.89	2.6	3.98
45+50.00	2.8	6.30	5.35	1	1.67	3.69	4.3	7.41	1.7	2.69
46+00.00	4	7.22	6.14	0.8	1.30	4.84	3.7	7.50	1.2	2.69
46+50.00	3.8	11.02	9.37	0.6	0.56	8.81	4.4	8.24	1.7	3.24
47+00.00	8.1	15.09	12.83	0	0.00	12.83	4.5	8.33	1.8	6.02
47+50.00	8.2	12.22	10.39	0	0.28	10.11	4.5	8.43	4.7	6.11
48+00.00	5			0.3			4.6		1.9	
60+00.00	5.4	9.72	8.26	0	0.09	8.17	4.9	9.07	2.2	4.07
60+50.00	5.1	8.43	7.16	0.1	0.65	6.51	4.9	8.43	2.2	3.52
61+00.00	4	8.80	7.48	0.6	0.56	6.92	4.2	8.80	1.6	3.89
61+50.00	5.5	9.63	8.19	0	0.19	8.00	5.3	9.35	2.6	4.35
62+00.00	4.9	8.98	7.63	0.2	0.46	7.17	4.8	9.44	2.1	4.54
62+50.00	4.8	9.44	8.03	0.3	0.28	7.75	5.4	9.54	2.8	4.63
63+00.00	5.4	10.37	8.81	0	0.00	8.81	4.9	9.17	2.2	4.07
63+50.00	5.8	10.65	9.05	0	0.09	8.96	5	10.46	2.2	5.37
64+00.00	5.7	12.50	10.63	0.1	0.09	10.53	6.3	12.87	3.6	7.87
64+50.00	7.8	17.13	14.56	0	0.00	14.56	7.6	15.93	4.9	10.93
65+00.00	10.7	14.81	12.59	0	0.46	12.13	9.6	15.46	6.9	10.46
65+50.00	5.3	9.35	7.95	0.5	0.83	7.12	7.1	11.20	4.4	6.30
66+00.00	4.8	9.72	8.26	0.4	0.37	7.89	5	8.52	2.4	3.61
66+50.00	5.7	13.06	11.10	0	0.00	11.10	4.2	8.06	1.5	3.06
67+00.00	8.4	5.52	4.69	0	0.00	4.69	4.5	3.52	1.8	1.56
67+20.00	6.5			0			5		2.4	
Total (CU YD) =		412.81	350.89		87.25	263.63		325.18		178.51

SIGNAGE DESIGN



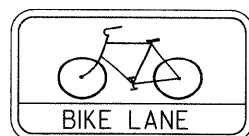
#1
SIGN D11-1
SIZE 24"X18" COLOR:
WHITE ON GREEN
REFLECTIVE

TYPE: 2" HIGHWAY GOTHIC
SYMBOL: 18.25" X 10 1/2"

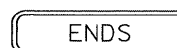
PLACE AT APPROXIMATELY
1/4 MILE INTERVALS AND
MAJOR INTERSECTIONS TO
CONFIRM ROUTE (PER
AASHTO).



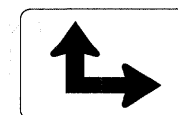
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COLOR: BLACK ON WHITE
REFLECTIVE



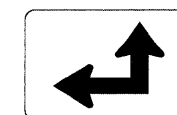
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COLOR: BLACK ON WHITE
REFLECTIVE



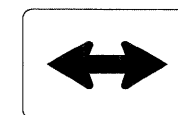
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SIGN R3-17bP
SIZE 24"X8"
COLOR: BLACK ON WHITE
REFLECTIVE



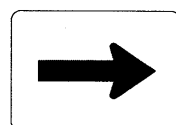
#5
SIGN M6-6
SIZE 12"X9"
COLOR: WHITE
ON GREEN
REFLECTIVE



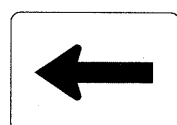
#5*
SIGN M6-6
SIZE 12"X9"
COLOR: WHITE
ON GREEN
REFLECTIVE



#6
SIGN M6-4
SIZE 12"X9"
COLOR: WHITE
ON GREEN
REFLECTIVE



#7
SIGN M6-1
SIZE 12"X9"
COLOR: WHITE
ON GREEN
REFLECTIVE



#8
SIGN M6-1
SIZE 12"X9"
COLOR: WHITE
ON GREEN
REFLECTIVE



#9
SIGN M4-14
SIZE 12"X6"
COLOR: WHITE
ON GREEN
REFLECTIVE



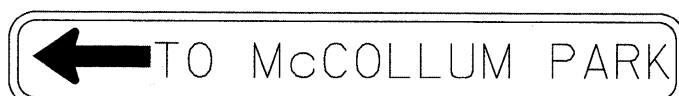
#10
SIGN M4-6
SIZE 12"X6"
COLOR: WHITE
ON GREEN
REFLECTIVE

ESTIMATED SIGNAGE QUANTITIES

#	MUTCD Code #	Size (Inches)	Sign-Specific Text	Description	Quantity (SQ FT)
1	D11-1	24 x 18		Bike Route	87
2	R3-17aP	24 x 8		Ahead	2
3	R3-17	24 x 18		Bike Lane	3
4	R3-17bP	24 x 8		Ends	1
5	M6-6	12 x 9		Directional Arrows	3
5*	M6-6	12 x 9		Directional Arrows	1
6	M6-4	12 x 9		Directional Arrows	10
7	M6-1	12 x 9		Directional Arrows	11
8	M6-1	12 x 9		Directional Arrows	13
9	M4-14	12 x 6		Begin	5
10	M4-6	12 x 6		End	4
11	D1-1b R	24 x 6		To McCollum Park	2
11*	D1-1b L	24 x 6		To McCollum Park	2
12	R1-1	18 x 18		Stop Sign	3
13	NA	18 x 9		Directional Arrows	4
14	W11-1	30 x 30		Bike Path	8
15	W16-7P	24 x 12		Bike Path	8



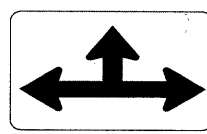
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SIZE 24"X6"
COLOR: WHITE
ON GREEN
REFLECTIVE



#11*
SIGN D1 - 1b
L SIZE 24"X6"
COLOR: WHITE
ON GREEN
REFLECTIVE



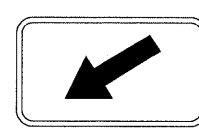
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REFLECTIVE



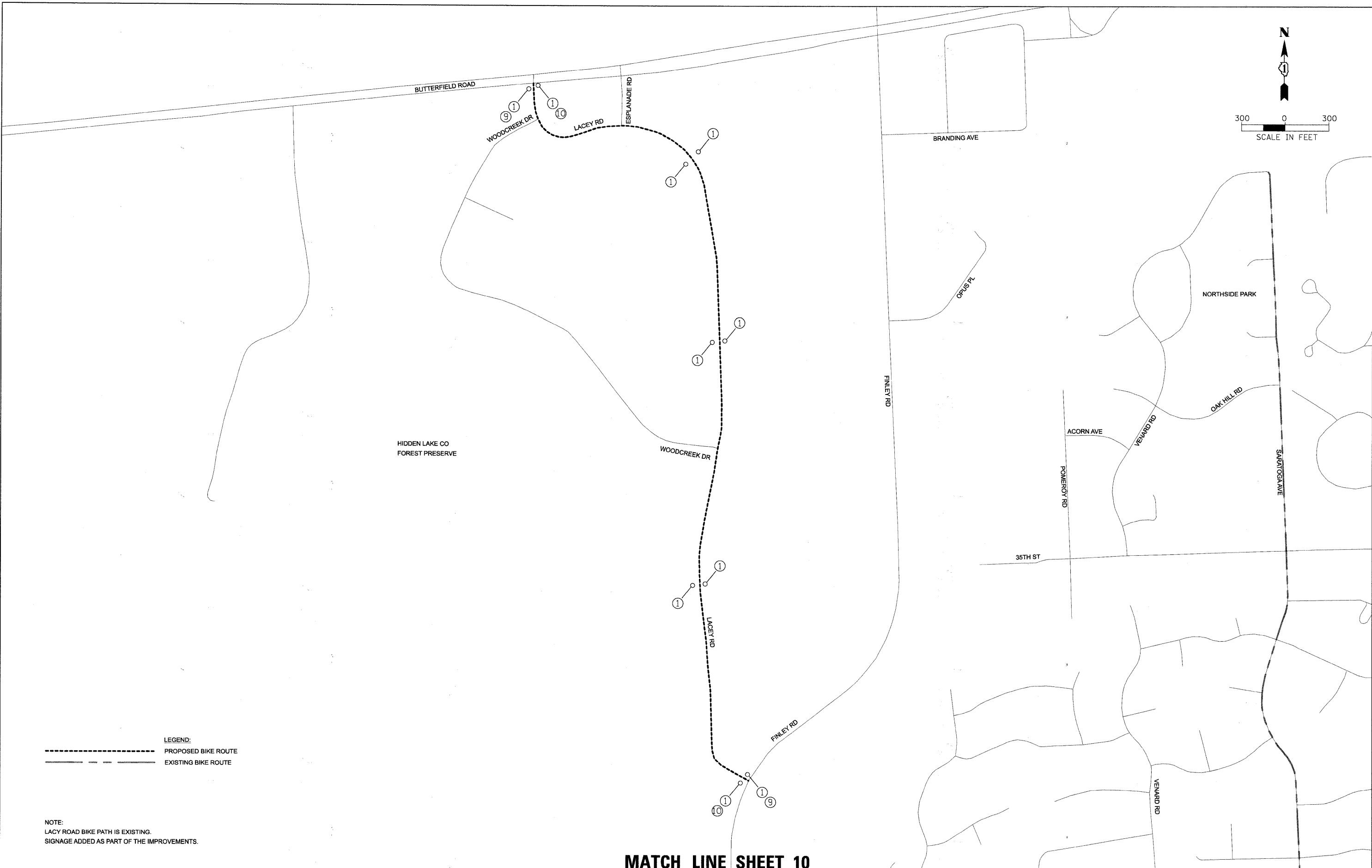
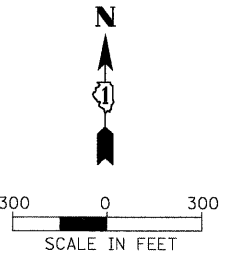
#13
SIGN M6-6
SIZE 18"X9"
COLOR: WHITE
ON GREEN
REFLECTIVE



#14
SIGN W11-1
SIZE 30"X30"
COLOR: BLACK ON FLUORESCENT
YELLOW GREEN REFLECTIVE



#15
SIGN W16-7P
SIZE 24"X12"
COLOR: BLACK ON FLUORESCENT
YELLOW GREEN REFLECTIVE

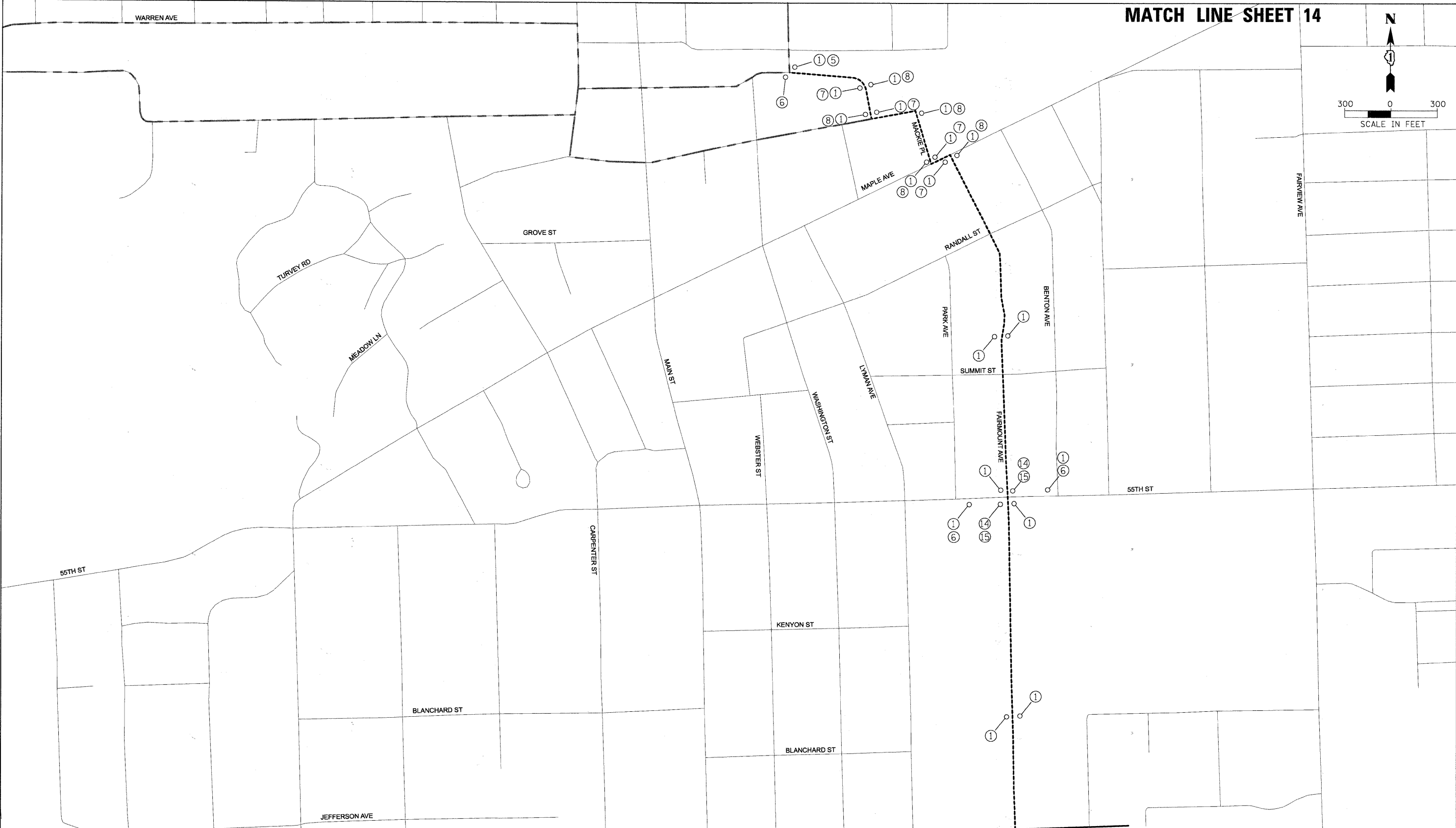
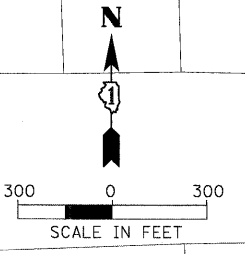


LEGEND:
 - - - - - PROPOSED BIKE ROUTE
 - - - - - EXISTING BIKE ROUTE

NOTE:
 LACY ROAD BIKE PATH IS EXISTING.
 SIGNAGE ADDED AS PART OF THE IMPROVEMENTS.

MATCH LINE SHEET 10

FILE NAME = N:\DownersGrove\080569\Civ11\080569_01.SHT	USER NAME = MAGGIDEN	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VILLAGE OF DOWNERS GROVE BIKE PATH SIGNAGE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 300'	DRAWN -	REVISED -	09-00099-00-BT			DUPAGE	30	9		
PLOT DATE = 3/19/2010	CHECKED -	REVISED -	CONTRACT NO. 63451							
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
		SCALE:			SHEET NO. OF SHEETS STA. TO STA.					



LEGEND:
 - - - - - PROPOSED BIKE ROUTE
 _____ EXISTING BIKE ROUTE

FILE NAME = N:\DownersGrove\080569\Civil\080569_03.SHT	USER NAME = MAGOLDEN	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

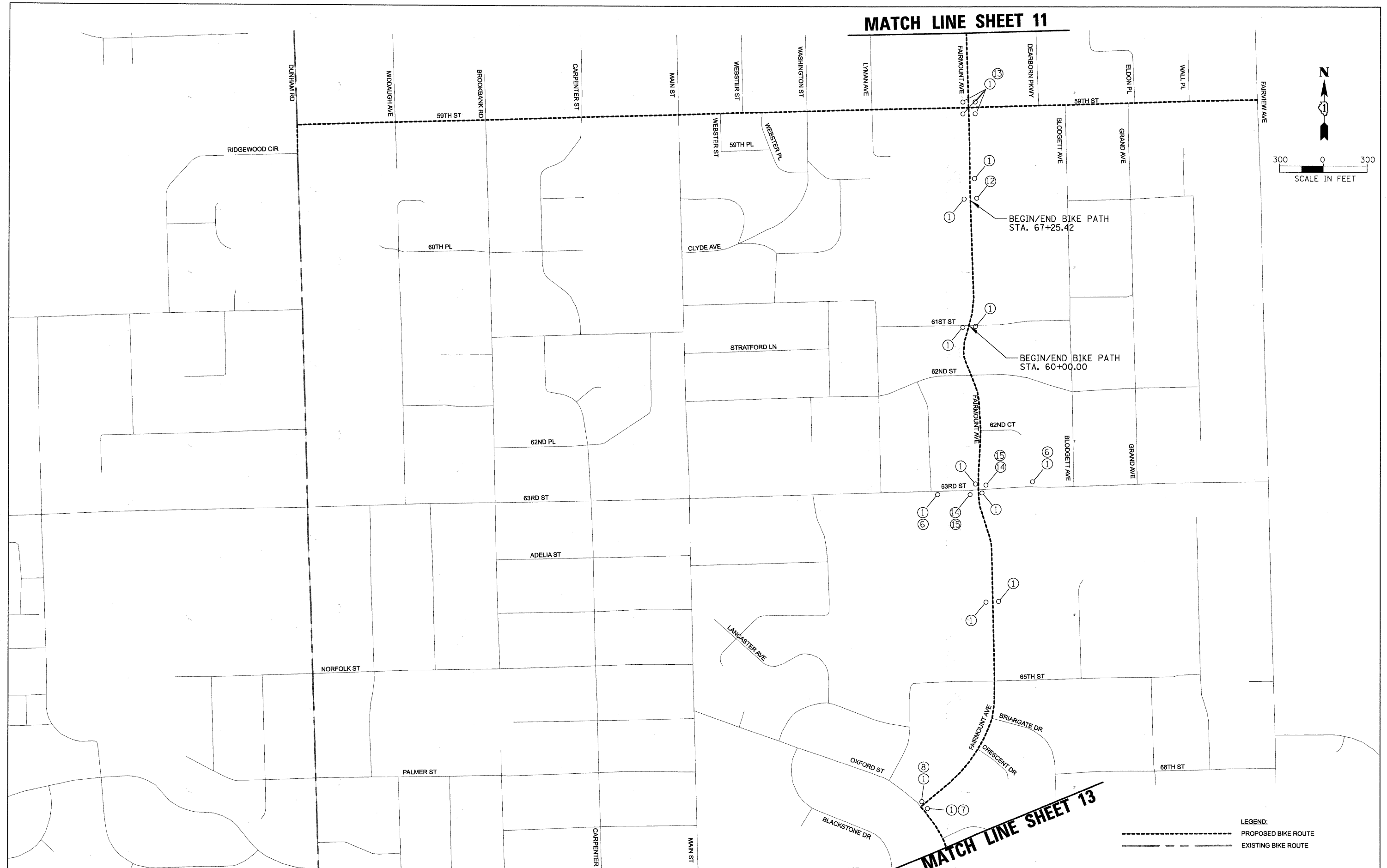
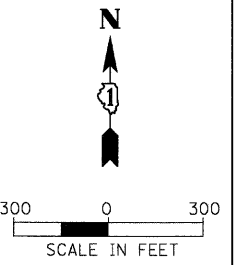
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

VILLAGE OF DOWNERS GROVE
 BIKE PATH SIGNAGE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00099-00-BT	DUPAGE	30	11
CONTRACT NO. 63451				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.

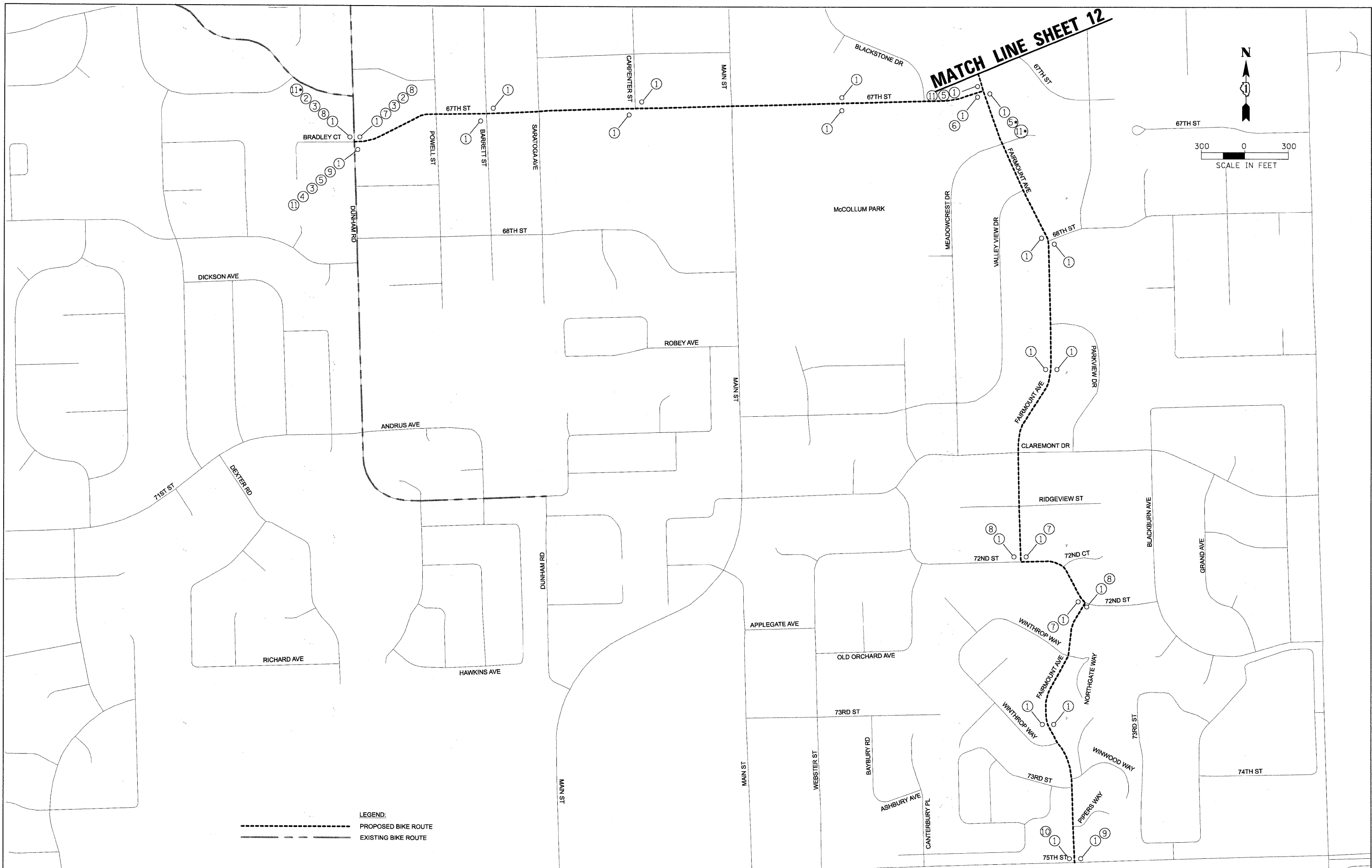
MATCH LINE SHEET 11



MATCH LINE SHEET 13

LEGEND:
 - - - - - PROPOSED BIKE ROUTE
 - - - - - EXISTING BIKE ROUTE

FILE NAME = N:\DownersGrove\080569\Civi1\080569_04.SHT	USER NAME = MAGOLDEN	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VILLAGE OF DOWNERS GROVE BIKE PATH SIGNAGE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 300'		DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	09-0099-00-BT	DUPAGE	30	12	
PLOT DATE = 3/19/2010		CHECKED -	REVISED -					CONTRACT NO. 63451				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



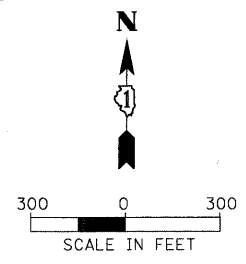
FILE NAME = N:\DownersGrove\080569\Civ\1\080569_05.SHT	USER NAME = MAGOLDEN	DESIGNED -	REVISED -
PLOT SCALE = 300'	PLOT DATE = 3/19/2010	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

VILLAGE OF DOWNERS GROVE BIKE PATH SIGNAGE			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-0099-00-BT	DUPAGE	30	13
CONTRACT NO. 63451			ILLINOIS FED. AID PROJECT	

MATCH LINE SHEET 10



MATCH LINE SHEET 11

LEGEND:
 - - - - - PROPOSED BIKE ROUTE
 _____ EXISTING BIKE ROUTE

FILE NAME =	USER NAME = MAGOLDEN	DESIGNED -	REVISED -
N:\DownersGrove\080569\C1v1\080569_06.dwg		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

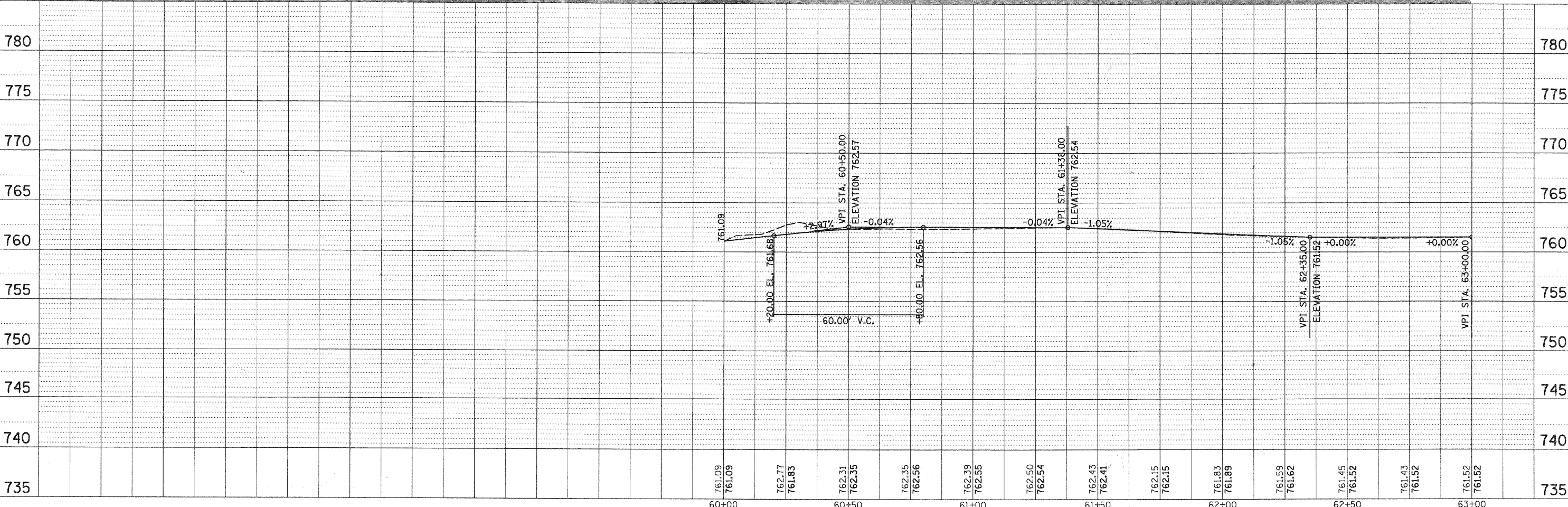
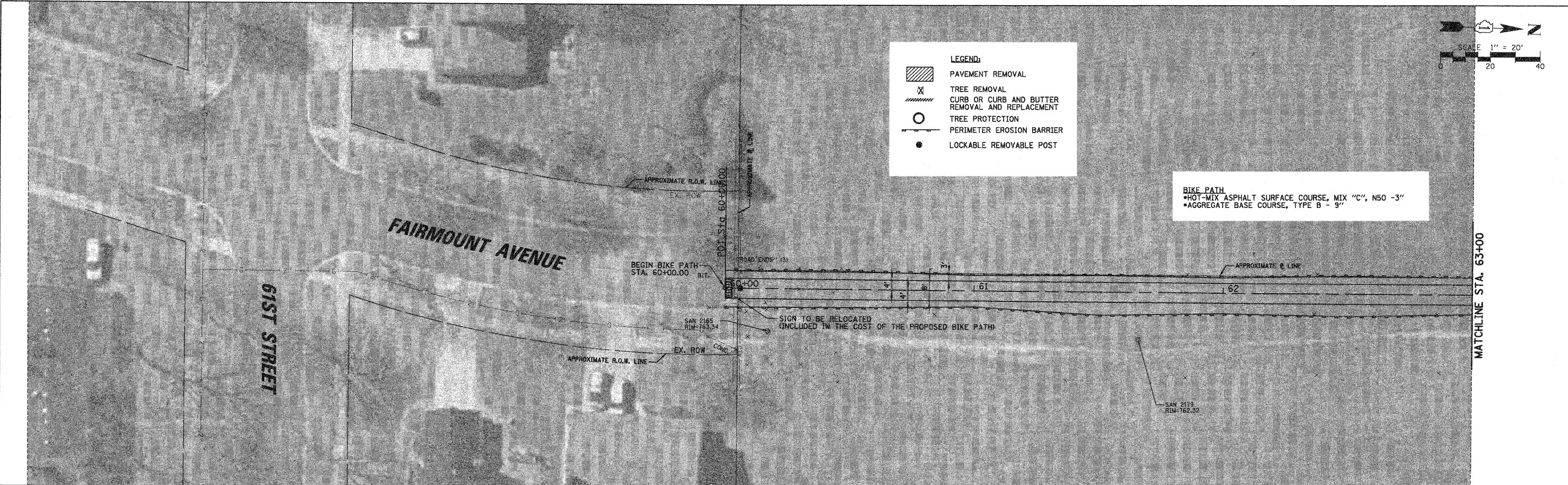
**VILLAGE OF DOWNERS GROVE
BIKE PATH SIGNAGE**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00099-00-BT	DUPAGE	30	14
CONTRACT NO. 63451				
ILLINOIS FED. AID PROJECT				

PLAN	DATE
BY	
SKETCHED	
PLOTTED	
ALIGNED	
CHECKED	
NO. _____	
NOTE BOOK	
CADD FILE NAME	

PROFILE	DATE
BY	
SKETCHED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NO. _____	
NOTE BOOK	



FILE NAME =	USER NAME = MACOLDEN	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VILLAGE OF DOWNERS GROVE BIKE PATH PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
No:\DownersGrove\080969\Civil\APP080969_F...	-_01.SHT	DRAWN -	REVISED -			09-00099-00-BT	DUPAGE	30	15		
PLOT SCALE = 20'	CHECKED -	REVISED -	SCALE:			SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
PLOT DATE = 3/19/2010	DATE -	REVISED -	CONTRACT NO. 63451								

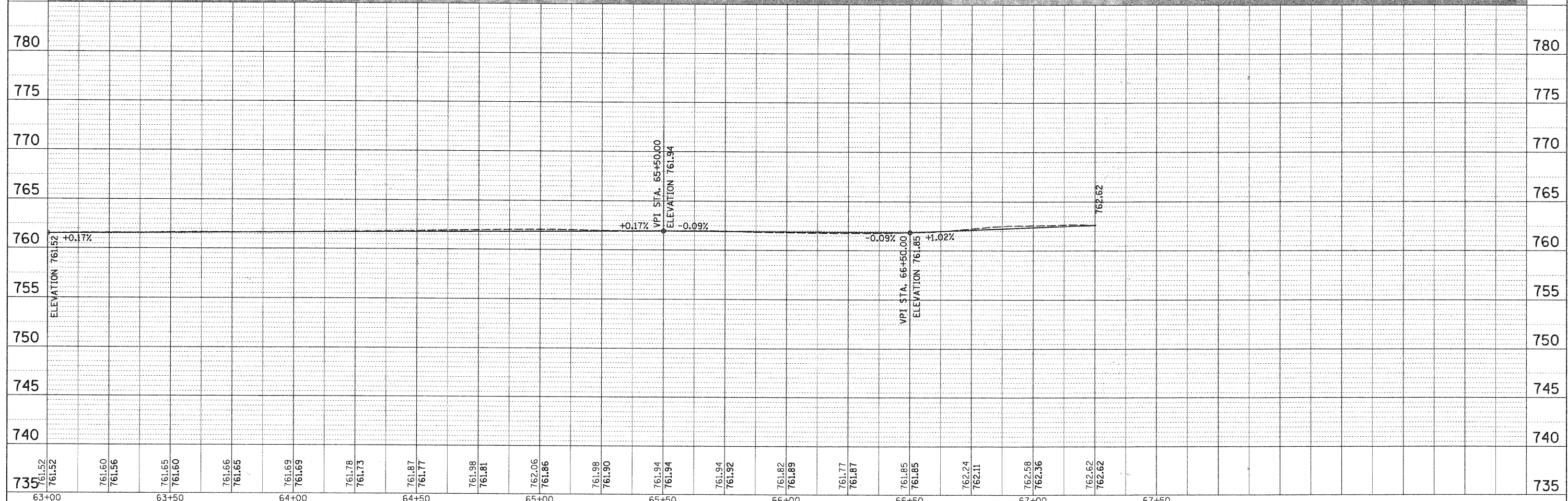
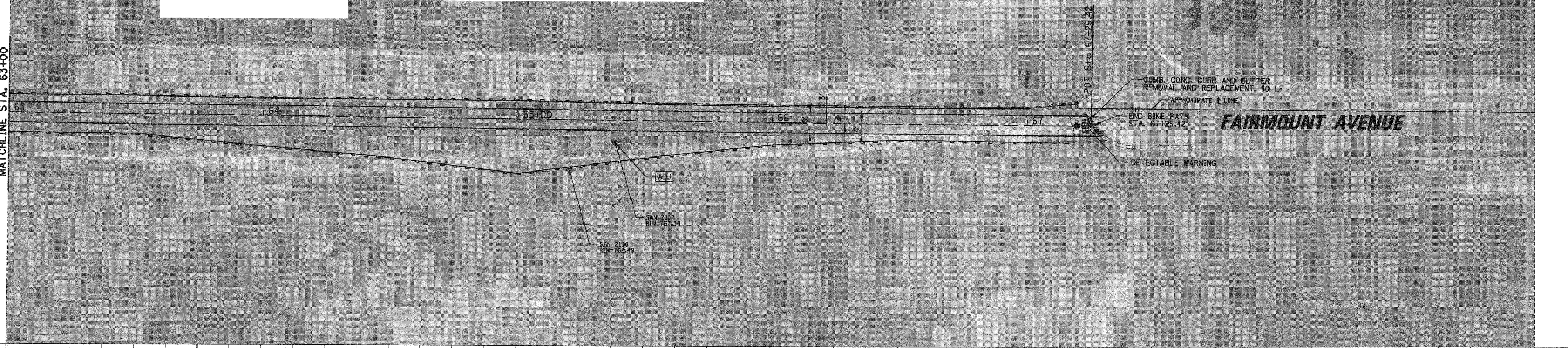


LEGEND:

- PAVEMENT REMOVAL
- TREE REMOVAL
- CURB OR CURB AND BUTTER REMOVAL AND REPLACEMENT
- TREE PROTECTION
- PERIMETER EROSION BARRIER
- LOCKABLE REMOVABLE POST

BIKE PATH
 •HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 -3"
 •AGGREGATE BASE COURSE, TYPE B - 9"

MATCHLINE STA. 63+00



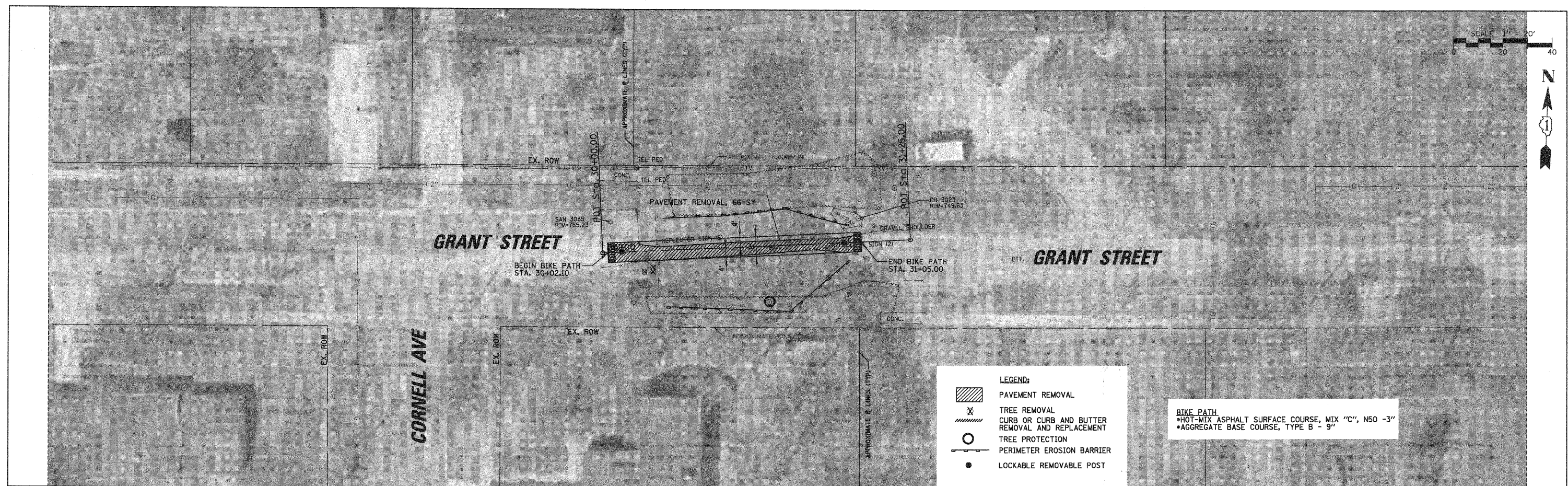
PLAN	DATE
BY	
REVIEWED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
NOTE BOOK	
NO.	
ADD FILE NAME	

PROFILE	DATE
BY	
REVIEWED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK	
NO.	
STRUCTURE NOTATION	

FILE NAME =	USER NAME = MAGOLDEN	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VILLAGE OF DOWNERS GROVE BIKE PATH PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\DownersGrove\080569\Civil\RP080569.F	_02.SHT	DRAWN -	REVISED -			09-00099-00-BT	DUPAGE	30	16	
PLLOT SCALE = 20'	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 63451		ILLINOIS FED. AID PROJECT		
PLLOT DATE = 3/19/2010	DATE -	REVISED -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.		

PLAN
 BY: _____ DATE: _____
 CHECKED: _____
 PLOTTED: _____
 NOTE BOOK NO. _____
 ALIGNMENT CHECKED: _____
 CAD FILE NAME: _____

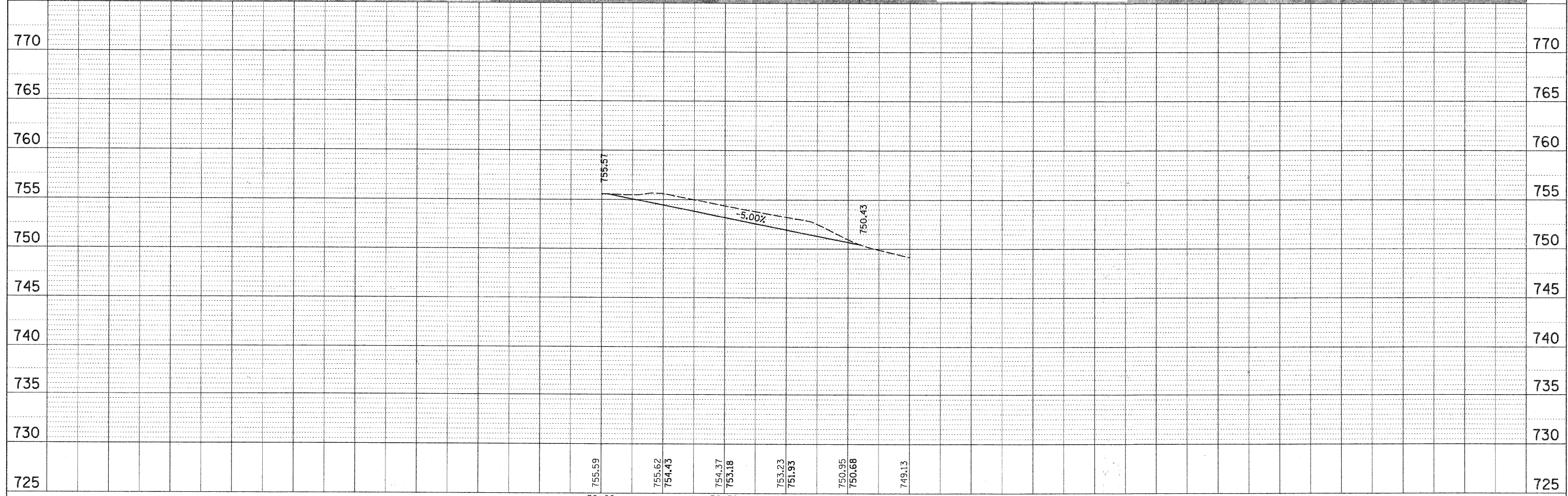
PROFILE
 BY: _____ DATE: _____
 CHECKED: _____
 PLOTTED: _____
 NOTE BOOK NO. _____
 GRADES CHECKED: _____
 STRUCTURE NOTATIONS OK: _____



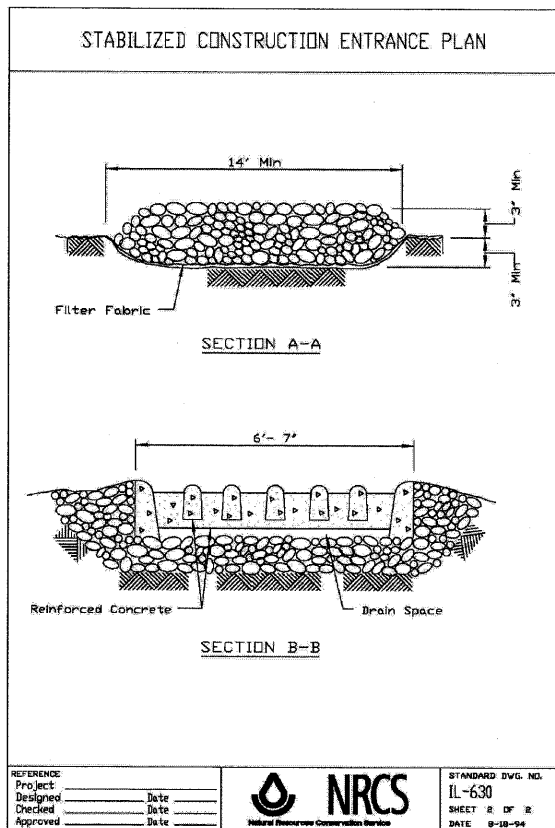
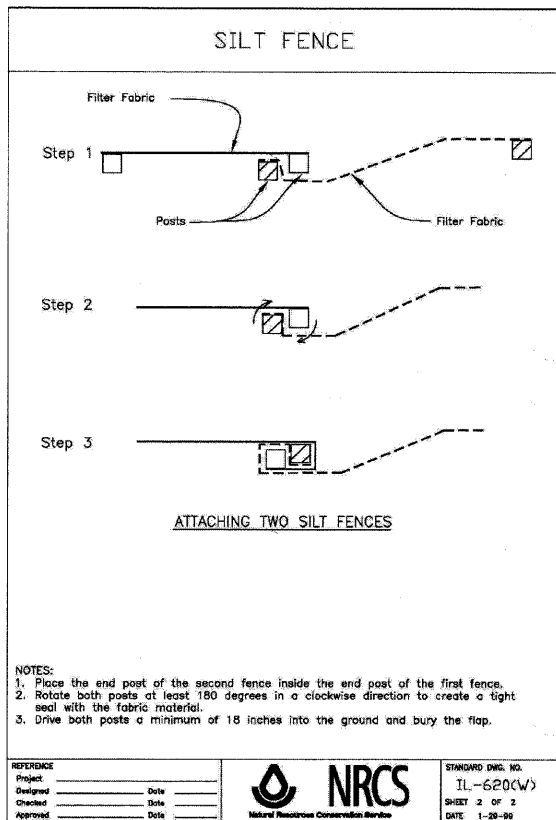
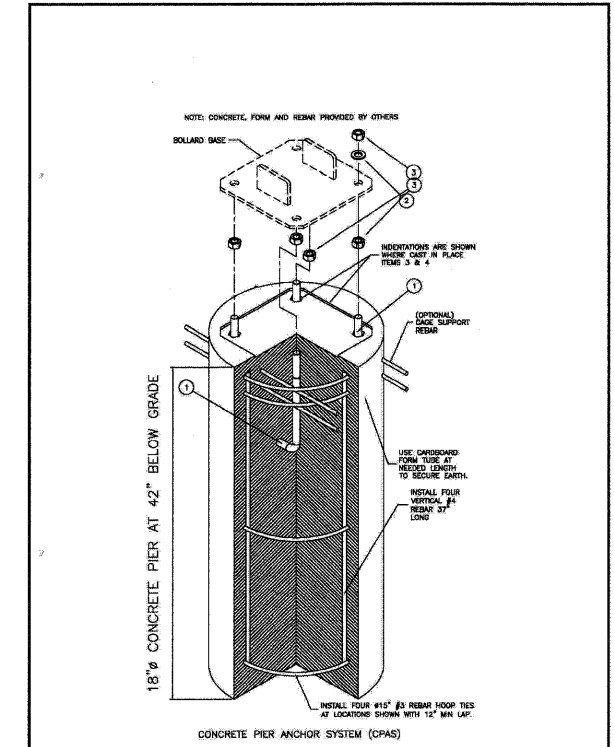
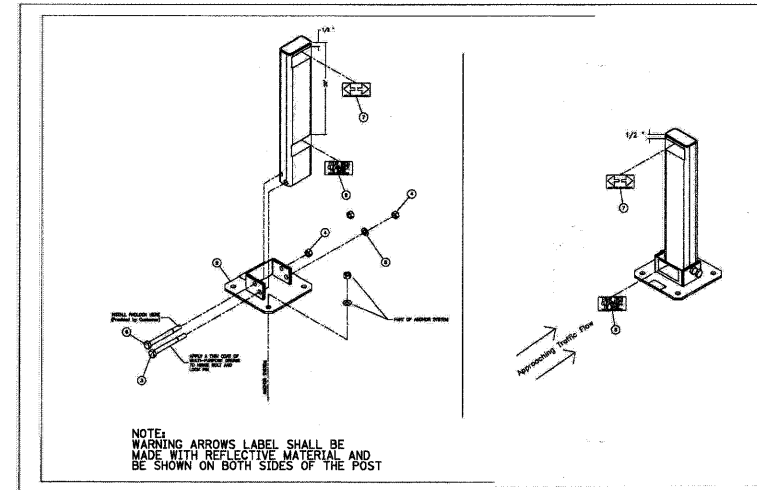
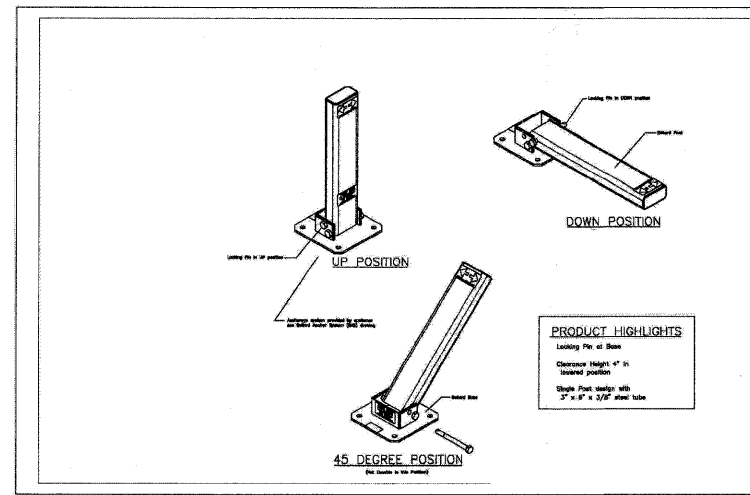
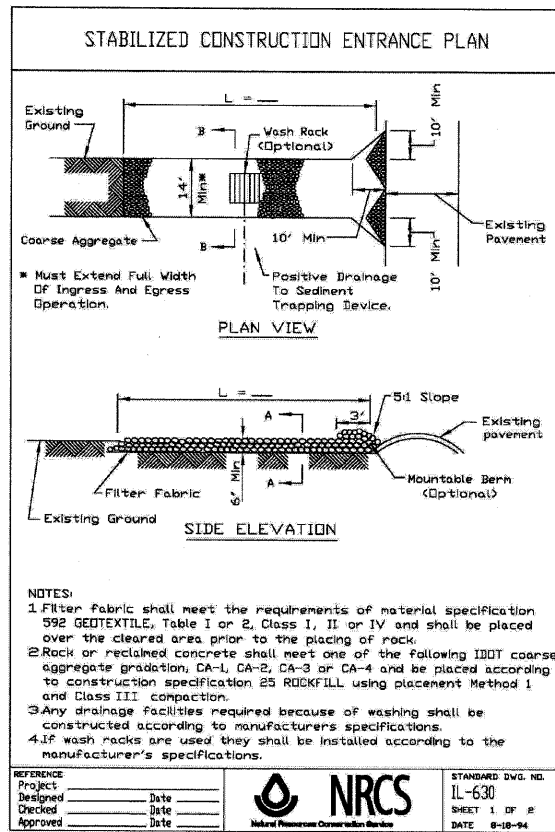
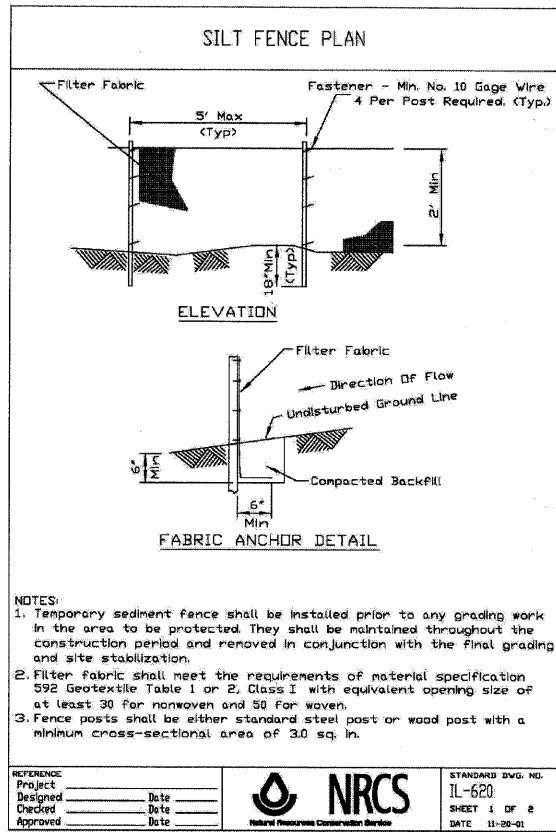
LEGEND:

- PAVEMENT REMOVAL
- TREE REMOVAL
- CURB OR CURB AND BUTTER REMOVAL AND REPLACEMENT
- TREE PROTECTION
- PERIMETER EROSION BARRIER
- LOCKABLE REMOVABLE POST

BIKE PATH
 •HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 -3"
 •AGGREGATE BASE COURSE, TYPE B - 9"

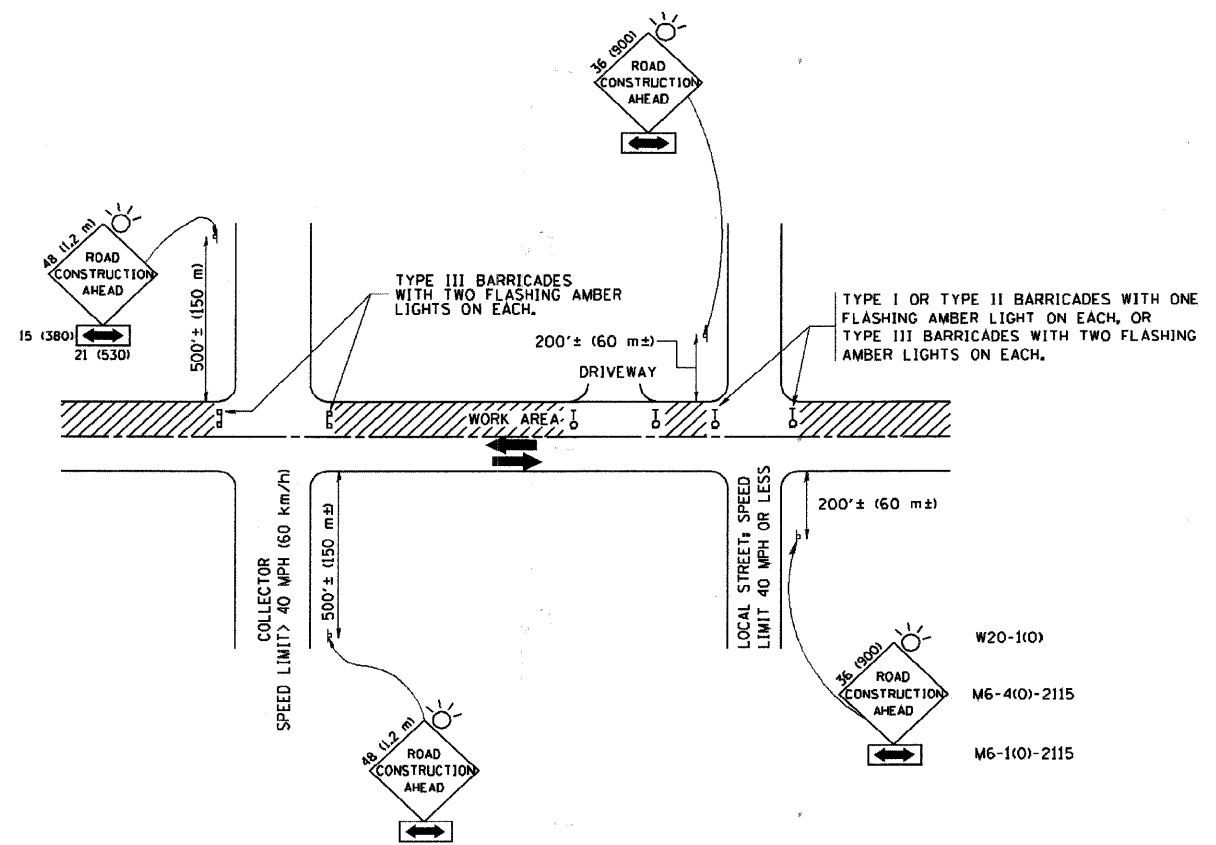


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PLOT SCALE = 20'		CHECKED -	REVISED -	PLOT DATE = 3/19/2010			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 63451			
ILLINOIS FED. AID PROJECT															



LOCKABLE REMOVABLE POST DETAIL

FILE NAME =	USER NAME = MAGOLDEN	DESIGNED -	REVISED -	STATE OF ILLINOIS	VILLAGE OF DOWNERS GROVE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\DownersGrove\080569\Cv1\080569_UET.SHT				DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS		09-00099-00-BT	DUPAGE	30	20
PLOT SCALE = 15'	PLOT DATE = 3/19/2010	CHECKED -	REVISED -				CONTRACT NO. 63451			
							ILLINOIS FED. AID PROJECT			
		DATE	REVISED	SCALE:		SHEET NO. OF 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 = M:\distatd\22x34\col0.dgn	USER NAME = gaglianob	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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	09-00099-00-BT	DUPAGE	30	21
		PLOT SCALE = 50,000 / IN.	CHECKED -		REVISED - A. HOUSEH 10-15-96			TC-10		CONTRACT NO.	63451	
		PLOT DATE = 1/4/2008	DATE - 06-89		REVISED - T. RAMMACHER 01-06-00			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.

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).

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.)

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".

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)
1/4" (5) **

18" (450) MAX.

3" (75) MIN.

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

* 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.

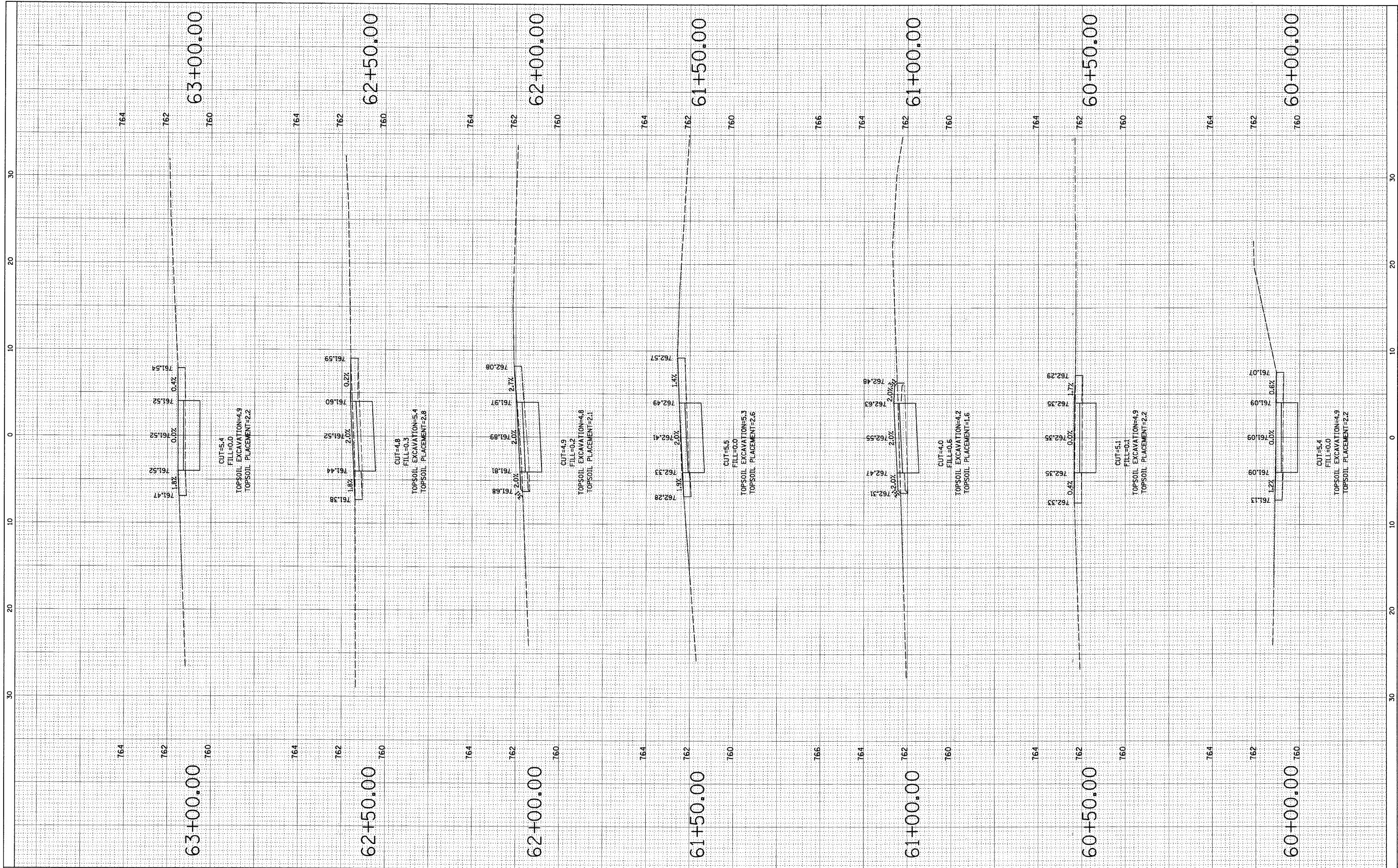
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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PLDT 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.	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	REPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	REPLATE		
	AREAS CHECKED		



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

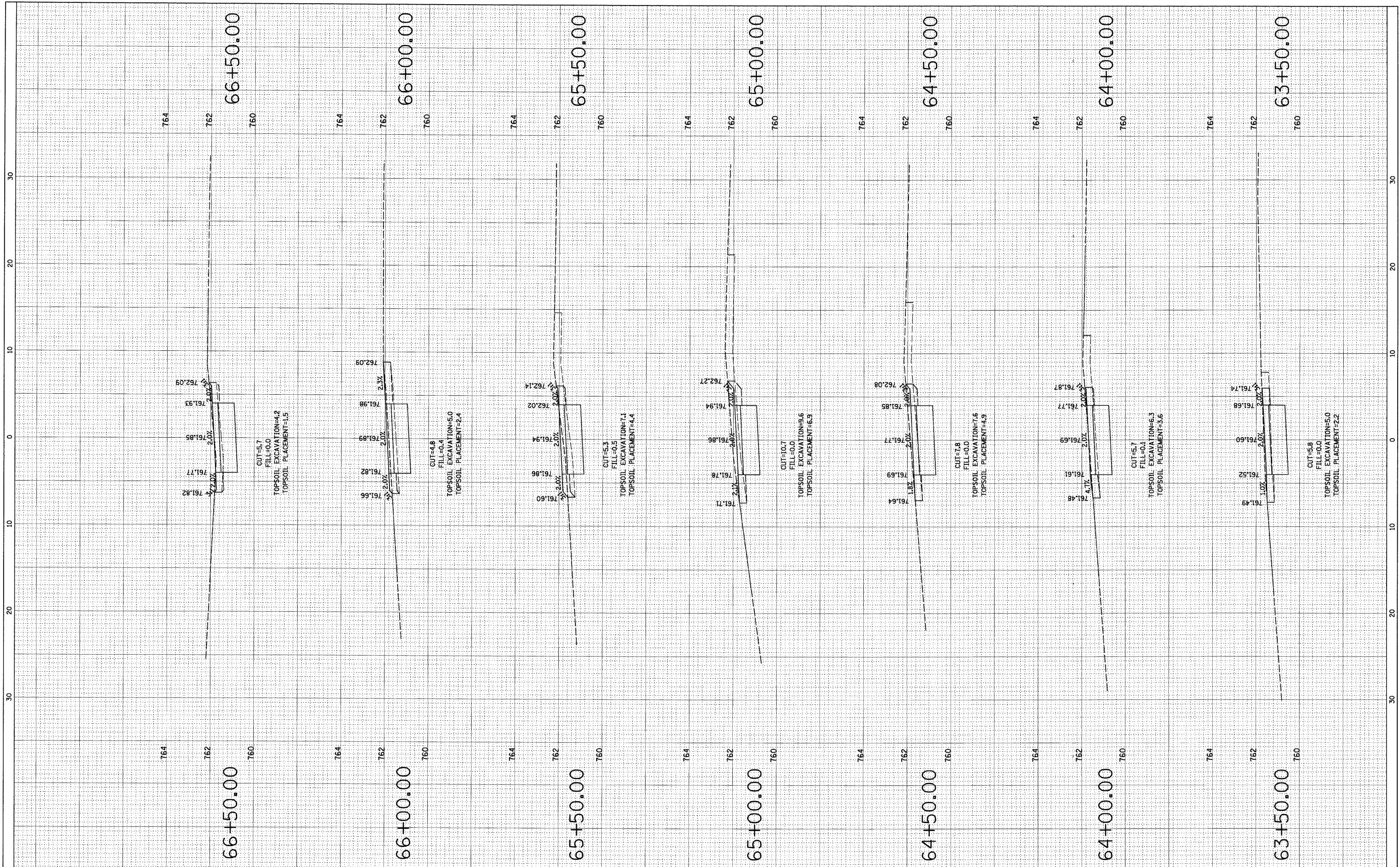
**VILLAGE OF DOWNERS GROVE
 CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00099-00-BT	DUPAGE	30	23
CONTRACT NO. 63451				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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	AREAS CHECKED		

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NOTE BOOK NO.	PLOTTED		
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	AREAS CHECKED		



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 PLOT SCALE = 5'
 PLOT DATE = 3/19/2018

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

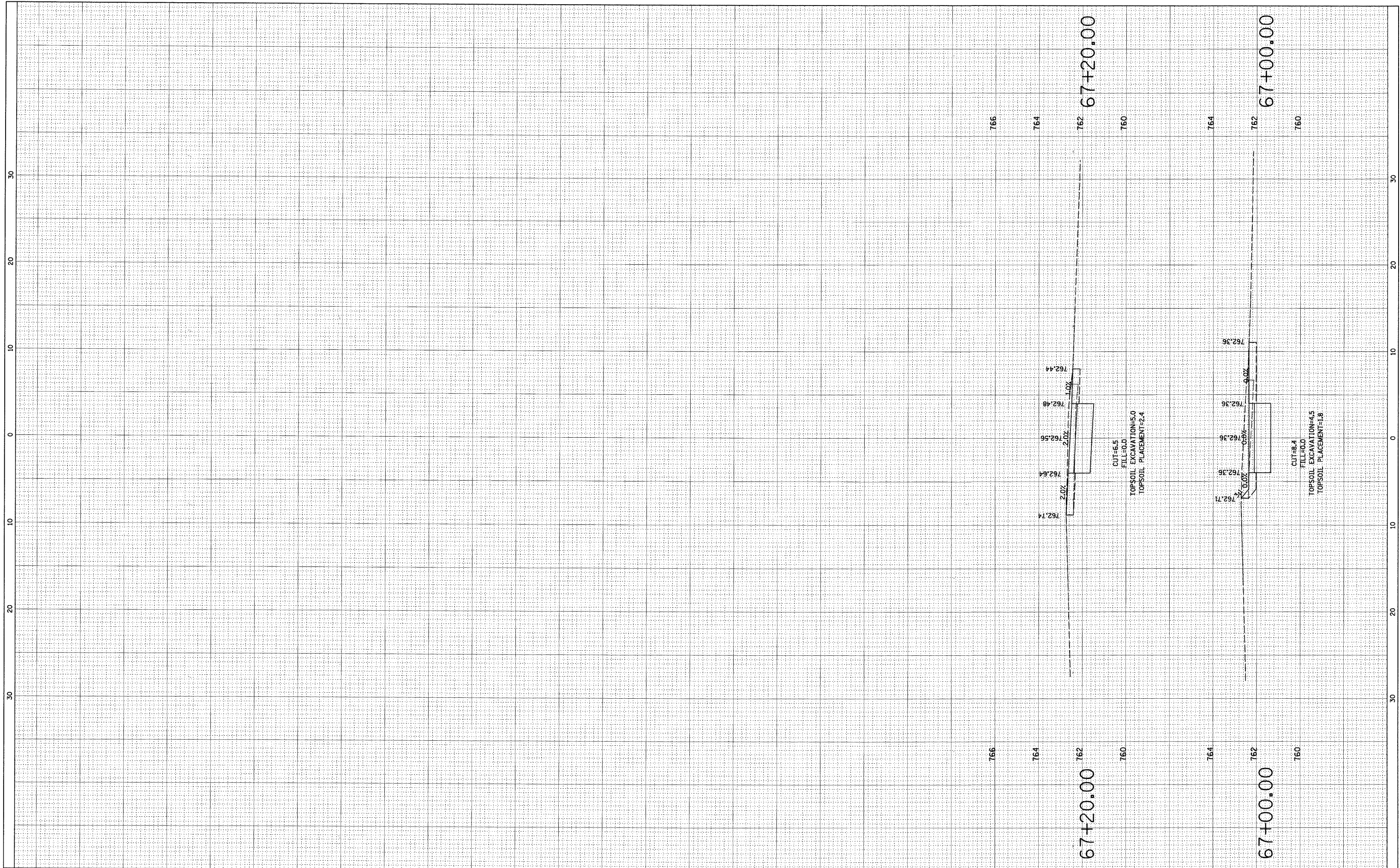
**VILLAGE OF DOWNERS GROVE
 CROSS SECTIONS**

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CONTRACT NO. 63451				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

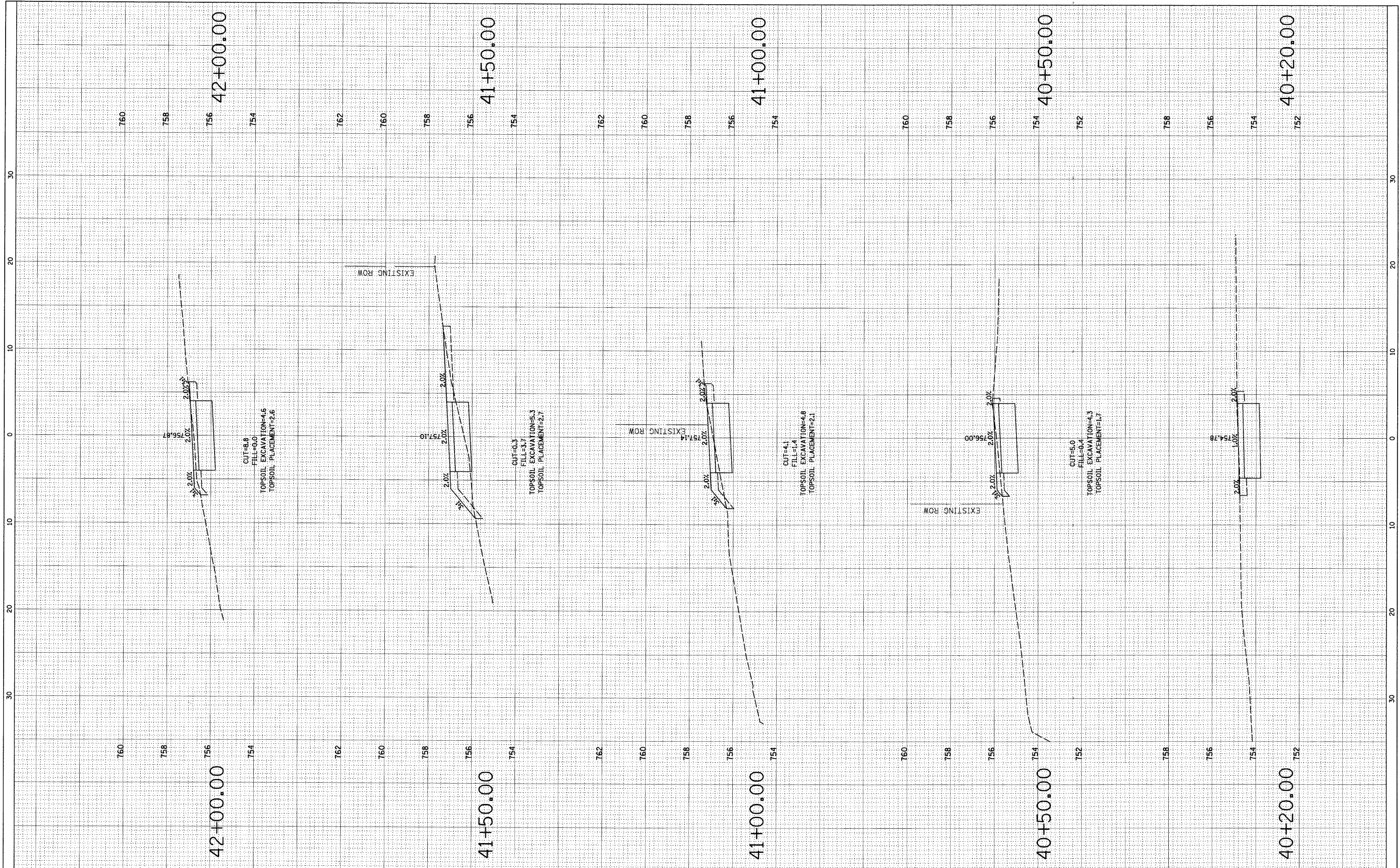
**VILLAGE OF DOWNERS GROVE
 CROSS SECTIONS**

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CONTRACT NO. 63451				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

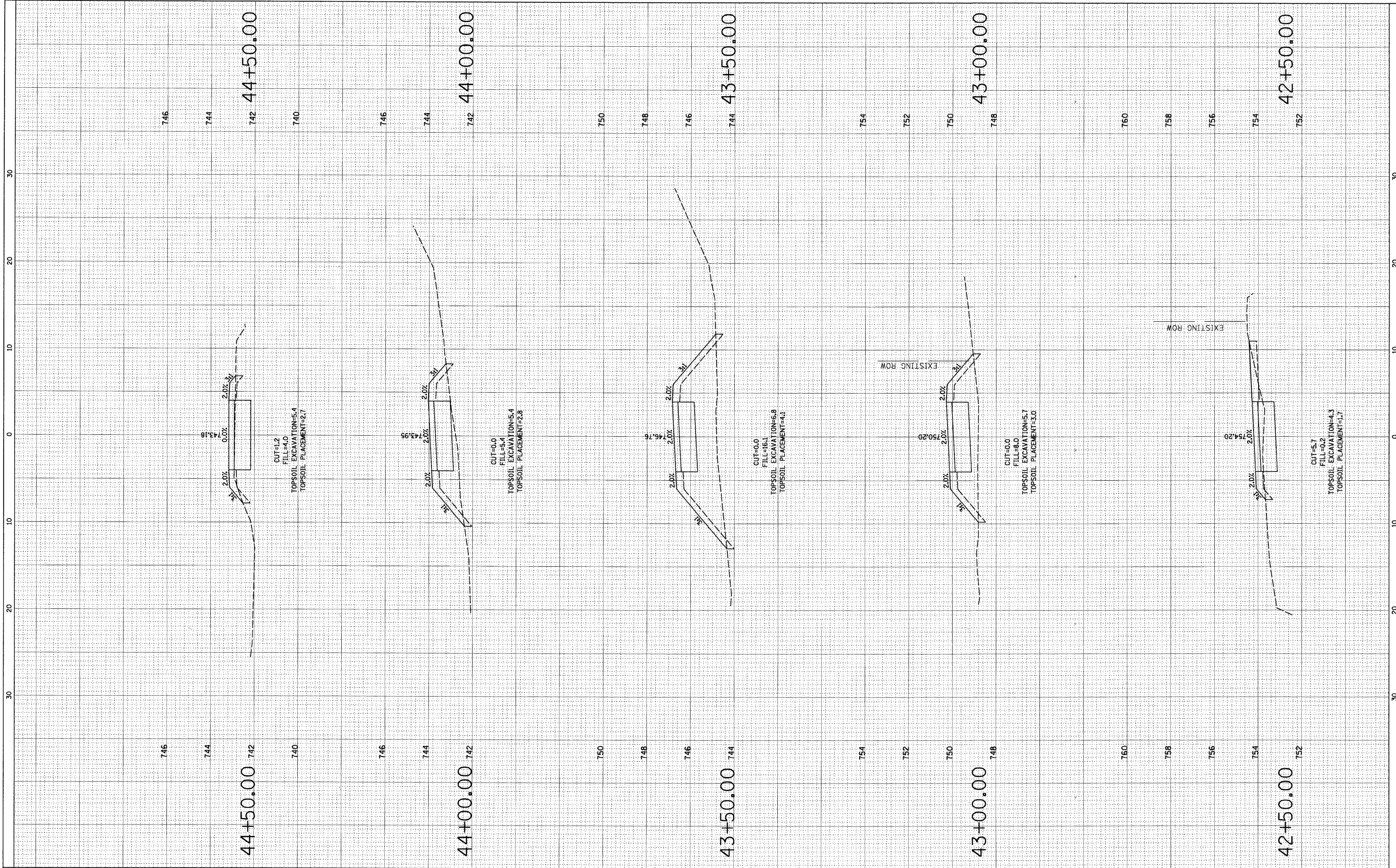
**VILLAGE OF DOWNERS GROVE
 CROSS SECTIONS**

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CONTRACT NO. 63451				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

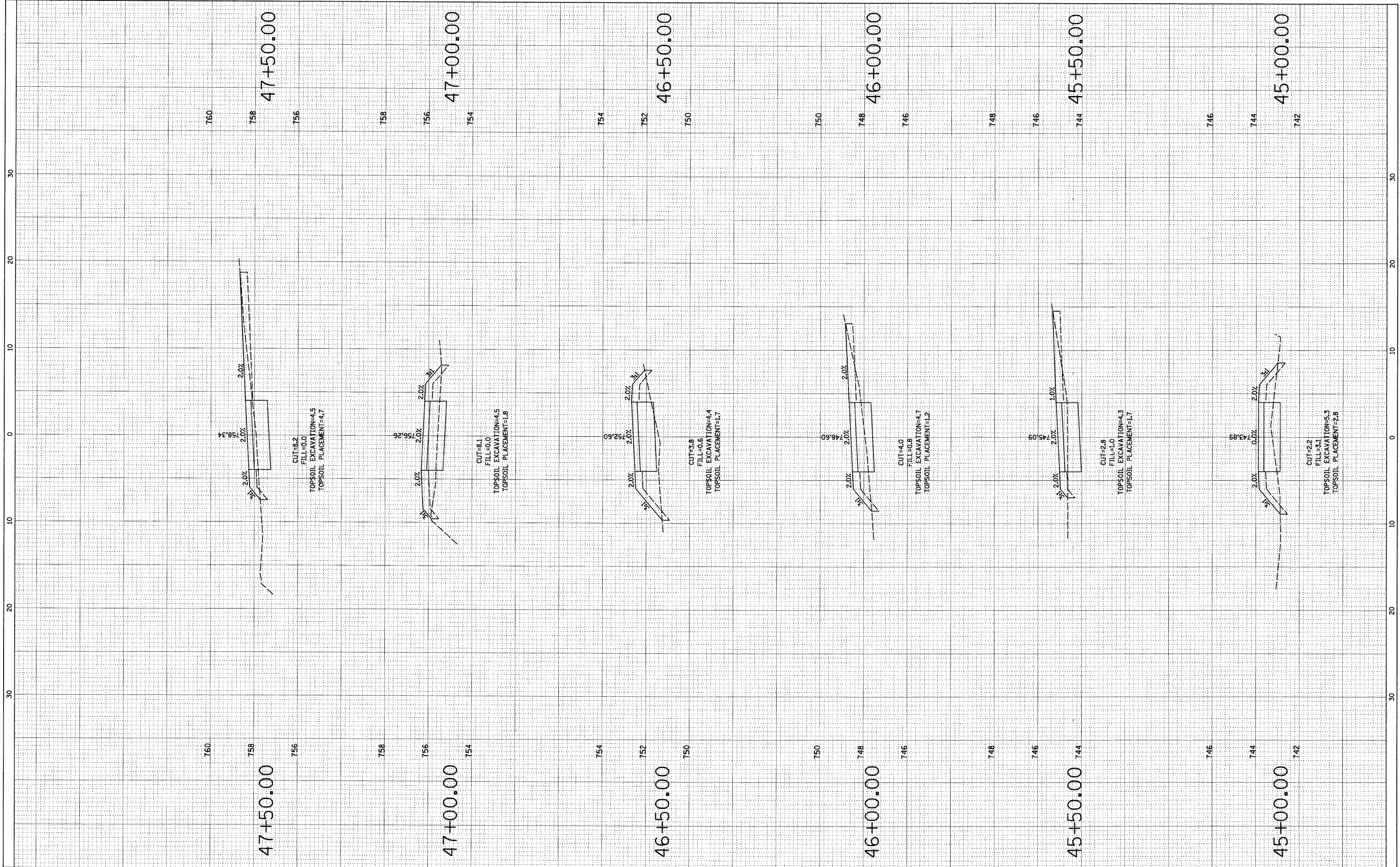
**VILLAGE OF DOWNERS GROVE
 CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00099-00-BT	DUPAGE	30	28
CONTRACT NO. 63451				
ILLINOIS FED. AID PROJECT				

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ORIGINAL SURVEY	SURVEYED	BY	DATE
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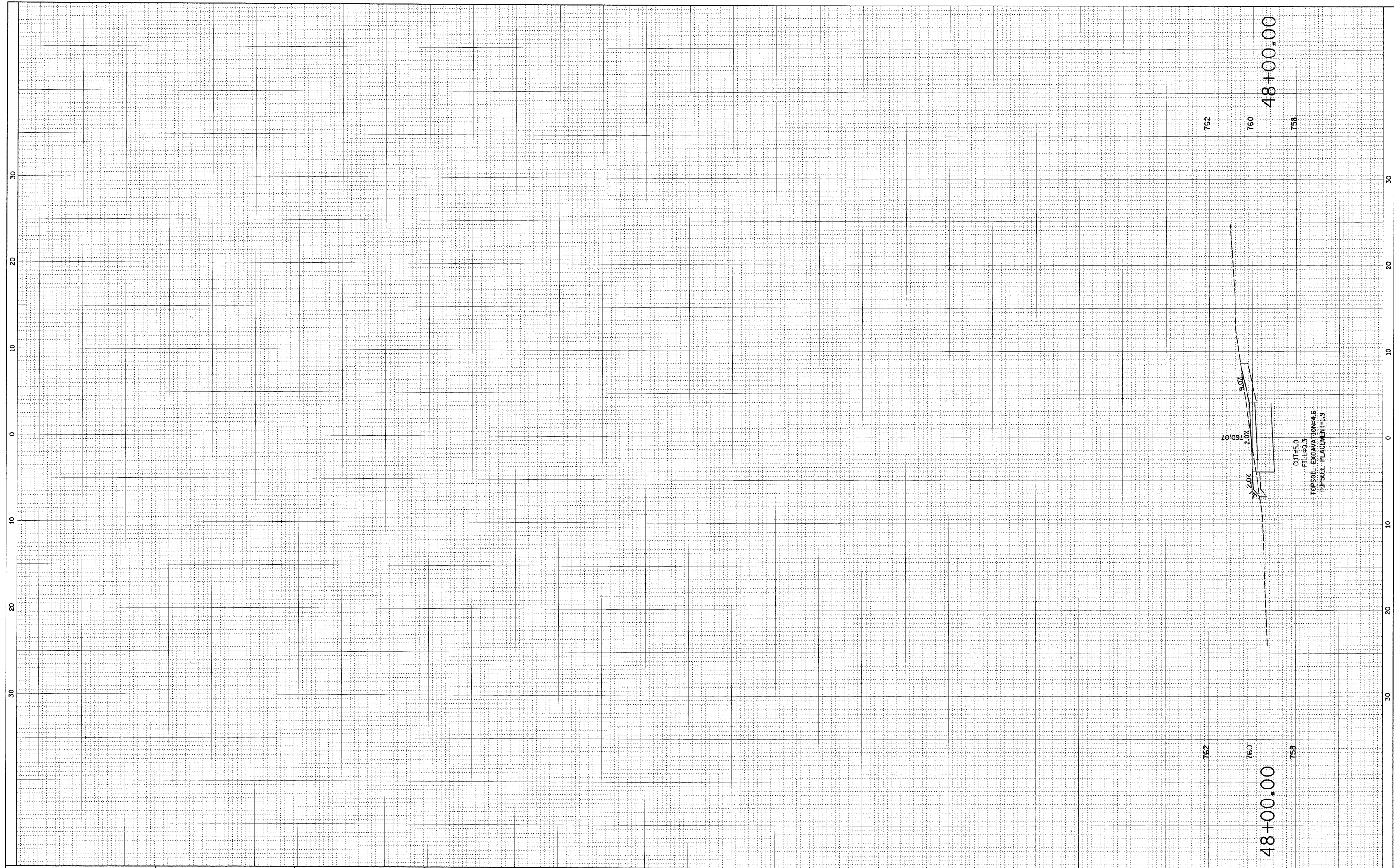
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF DOWNERS GROVE
 CROSS SECTIONS**
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00099-00-BT	DUPAGE	30	29
CONTRACT NO. 63451				
ILLINOIS FED. AID PROJECT				

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NOTE BOOK NO.	PLOTTED		
	DATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
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 PLOT DATE = 3/19/2018

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF DOWNERS GROVE
 CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00099-00-BT	DUPAGE	30	30
CONTRACT NO. 63451				

ILLINOIS FED. AID PROJECT