

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 63148		

FOR INDEX OF SHEETS, SEE SHEET 2

FOR LIST OF STATE STANDARDS, SEE SHEET 2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY

FAU ROUTE 1702 (HARVARD STREET)  
SECTION 07-00106-00-PV  
PROJECT M-HPP-3056(001)  
JOB NO. C-91-193-07  
FROM DESPLAINES AVENUE TO HARLEM AVENUE  
VILLAGE OF FOREST PARK, COOK COUNTY



LOCATION MAP  
GROSS LENGTH = 3,761.34 FEET (0.71 MILES) NET LENGTH = 3,761.34 FEET (0.71 MILES)

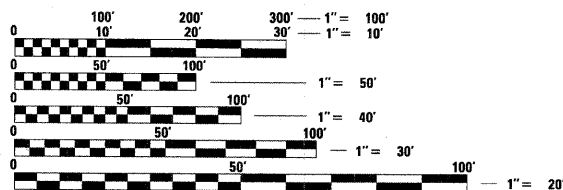
DESIGN DESIGNATION  
(HARVARD STREET) COLLECTOR

TRAFFIC DATA:  
(HARVARD STREET)

ADT = 2,800 (2007)/3,000 (2030)  
POSTED/DESIGN SPEED = 25 MPH

BEGIN IMPROVEMENTS  
HARVARD STREET  
STATION 100+58.77

END IMPROVEMENTS  
HARVARD STREET  
STATION 138+20.11



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

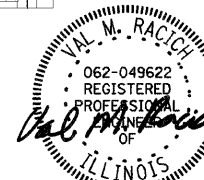
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123 OR 811  
T39N, R12E, SECTION 13

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

CONTRACT NO. 63148

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

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



PROFESSIONAL DESIGN FIRM NO.: 184-001175  
EXPIRATION DATE: APRIL 30, 2011

VAL M. RACICH  
ILLINOIS REGISTRATION No. 062-049622 ENGINEER  
EXPIRATION DATE: 11/30/2011

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	February 19, 2009 <i>Anthony Calabrese</i> MAYOR VILLAGE OF FOREST PARK
PASSED	February 19, 2009 <i>Cheryl Christman</i> DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS
RELEASED FOR BID BASED ON LIMITED REVIEW	February 20, 2009 <i>Diane M. O'Keefe</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

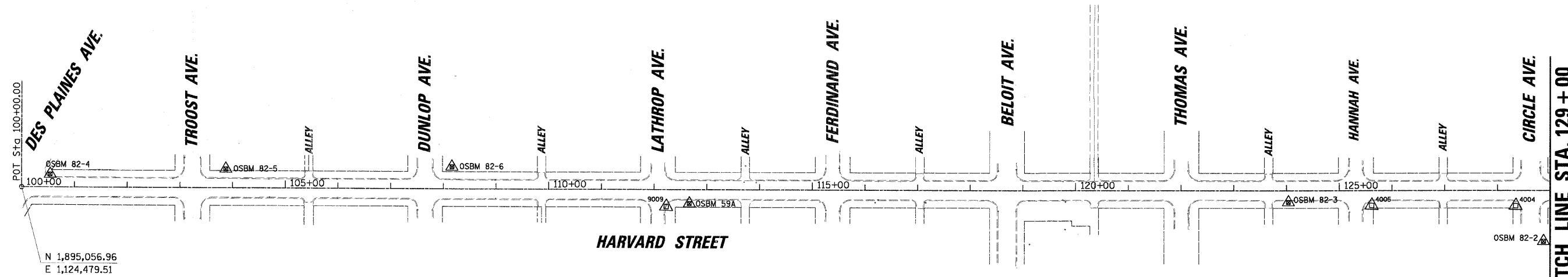
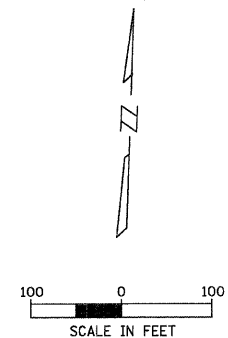
SHEET NO.	
1	COVER SHEET
2	INDEX OF SHEETS / INDEX OF STANDARDS
3	GENERAL NOTES
4	HORIZONTAL ALIGNMENT AND BENCHMARKS
5	TYPICAL SECTIONS - HARVARD STREET
6-7	SUMMARY OF QUANTITIES - HARVARD STREET
8	SCHEDULES OF QUANTITIES - HARVARD STREET
9	DETOUR PLAN - HARVARD STREET
10	MAINTENANCE OF TRAFFIC - HARVARD STREET
11-14	REMOVAL PLANS - HARVARD STREET
15-21	ROADWAY PLAN AND PROFILE - HARVARD STREET
22-28	DRAINAGE & UTILITIES PLAN AND PROFILE - HARVARD STREET
29-34	CONSTRUCTION DETAILS - HARVARD STREET
35	GATEWAY LANDSCAPING DETAILS
36	INTERSECTION PAVING AND LANDSCAPING DETAIL - FERDINAND AVE.
37	INTERSECTION PAVING AND LANDSCAPING DETAIL - BELOIT AVE.
38	INTERSECTION PAVING AND LANDSCAPING DETAIL - EAST OF BELOIT AVE.
39	INTERSECTION PAVING AND LANDSCAPING DETAIL - THOMAS AVE.
40	INTERSECTION PAVING AND LANDSCAPING DETAIL - CIRCLE AVE.
41	LIGHTING NOTES AND BILL OF MATERIALS
42-43	LIGHTING PLAN
44-46	LIGHTING DETAILS
47-49	LIGHTING RECORD DRAWINGS
50-53	EROSION / SEDIMENT CONTROL AND LANDSCAPING PLANS
54-55	SOIL BORINGS - HARVARD STREET
56-75	CROSS SECTION SHEETS

**IDOT HIGHWAY STANDARD ITEM DESCRIPTION**

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C & D PATCHES
602001-01	CATCH BASIN - TYPE A
602011-01	CATCH BASIN - TYPE C
602401-02	MANHOLE - TYPE A
602406-03	MANHOLE - TYPE A 6 FT DIA
602501-01	VALVE VAULT TYPE A
602601-02	PRECAST REINF CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME & LIDS - TYPE 1
606001-04	CONC CURB TYPE B & COMBO CONC C & G
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-05	URBAN LANE CLOSURE 2L 2W - UNDIVIDED
701701-06	URBAN LANE CLOSURE MULTI LANE INTERSECTION
701801-04	LANE CLOSURE MULTI LANE 1W 2W + CROSSWALK OR SW 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 & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
DISTRICT 1 DETAILS:	
BD22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC13	TYPICAL PAVEMENT MARKINGS

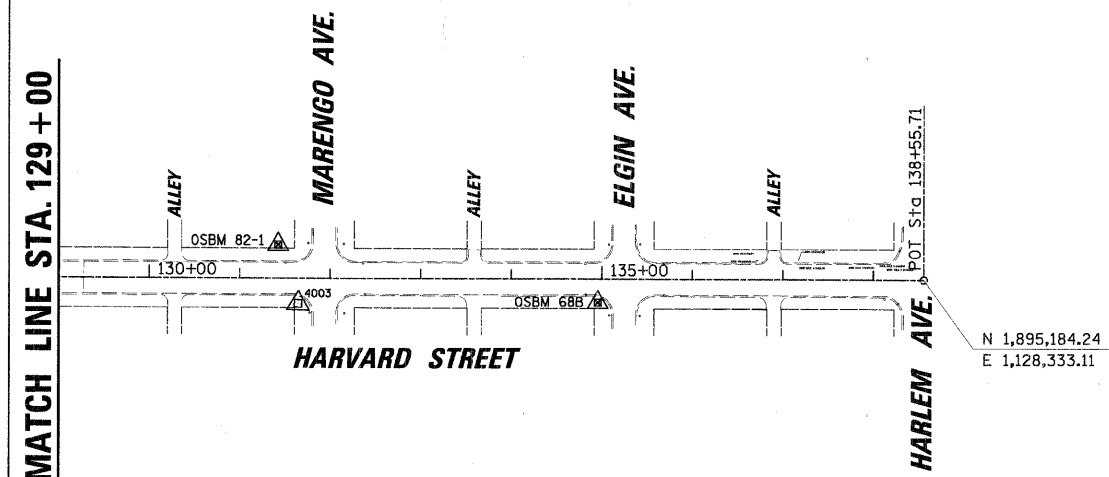
J.U.L.E. DIG TICKET NO.: X-0580700					
UTILITY COMPANY	AT&T (SBC)	COMCAST	COMED	DuPage Water Commission	NICOR GAS
CONSTRUCTION CONTACT PERSON	Bobby Akhter, OSP Engineer	Ms. Mary Stefan	Mr. Tom Stutzman	Mr. Michael Schweitzer	Ms. Constance Lane
PHONE	630-810-6274	630-600-6390	630-437-2236	630-834-0100	630-983-8676 EXT. 2362
ADDRESS	AT&T (SBC)	COMCAST	COMED	DuPage Water Commission	NICOR GAS
	4513 Western Avenue, Room 250	688 Industrial Drive	2 Lincoln Center	600 E. Butterfield Road	1844 Ferry Road
	Lisle, IL 60532	Elmhurst, IL 60126	Oakbrook Terrace, IL 60181	Elmhurst, IL 60126	Naperville, IL 60563-9600
FACILITIES IN / NEAR PROJECT	NO	YES	YES	YES	YES
COMMENTS / STATUS	ATT LNS CLEAR. Design Locate Letter Sent 02/28/2007. Response 03/08/2007. Preliminary Plans Sent 10/27/2008. Pre-Final Plans Sent 11/24/2008. Final Plans Sent 02/04/2009.	Aerial and underground lines. Design Locate Letter Sent 02/28/2007. Response 03/09/2007. Preliminary Plans Sent 10/24/2008. Response 11/06/2008. Pre-Final Plans Sent 11/24/2008. Response 12/15/2008. Final Plans Sent 02/04/2009.	Aerial and CE manholes. Design Locate Letter Sent 02/28/2007. Response 03/14/2007. Preliminary Plans Sent 10/24/2008. Response 11/21/2008. Pre-Final Plans Sent 11/24/2008. Response 01/12/2009. Final Plans Sent 02/04/2009.	No response at time of printing. Design Locate Letter Sent 02/28/2007. Response 03/29/2007. Preliminary Plans Sent 10/24/2008. Pre-Final Plans Sent 11/24/2008. Final Plans Sent 02/04/2009.	Underground lines. Design Locate Letter Sent 02/28/2007. Response 03/29/2007. Preliminary Plans Sent 10/24/2008. Response 11/05/2008. Pre-Final Plans Sent 11/24/2008. Response 12/19/2008. Final Plans Sent 02/04/2009.





N 1,895,056.96  
E 1,124,479.51

MATCH LINE STA. 129 + 00



N 1,895,184.24  
E 1,128,333.11

MATCH LINE STA. 129 + 00

HORIZONTAL CONTROL POINTS						
CP. NO.	NORTHING	EASTING	STATION	ELEVATION	DESCRIPTION	OFFSET
9009	N 1,895,065.44	E 1,125,702.95	112+23.06	621.21	CP-XCUT	31.91' RT
4005	N 1,895,113.71	E 1,127,040.38	125+61.35	620.16	CP-XCUT	27.82' RT
4004	N 1,895,122.01	E 1,127,313.45	128+34.55	619.96	CP-XCUT	28.54' RT
4003	N 1,895,133.22	E 1,127,643.11	131+64.40	619.54	CP-XCUT	28.22' RT

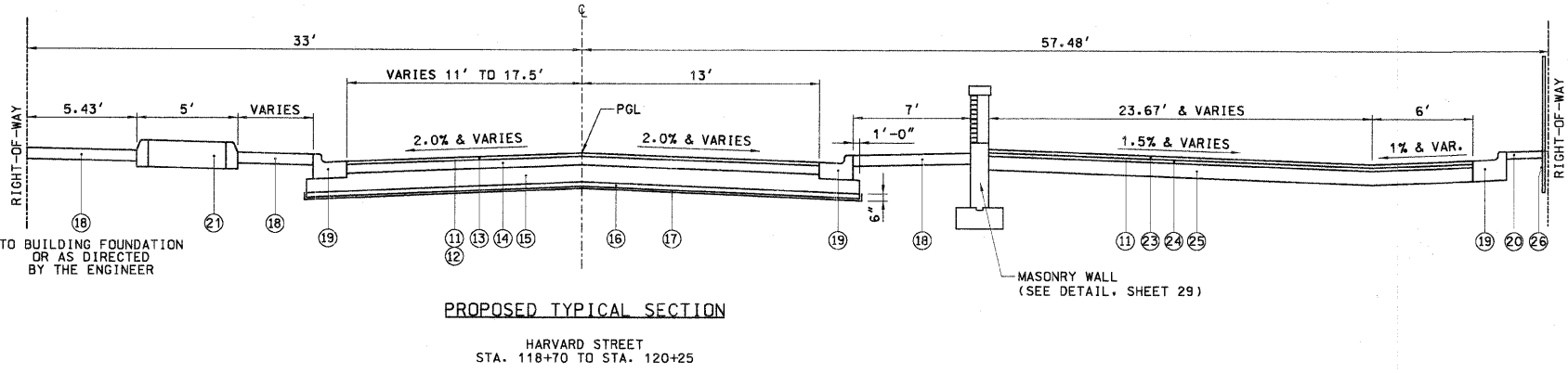
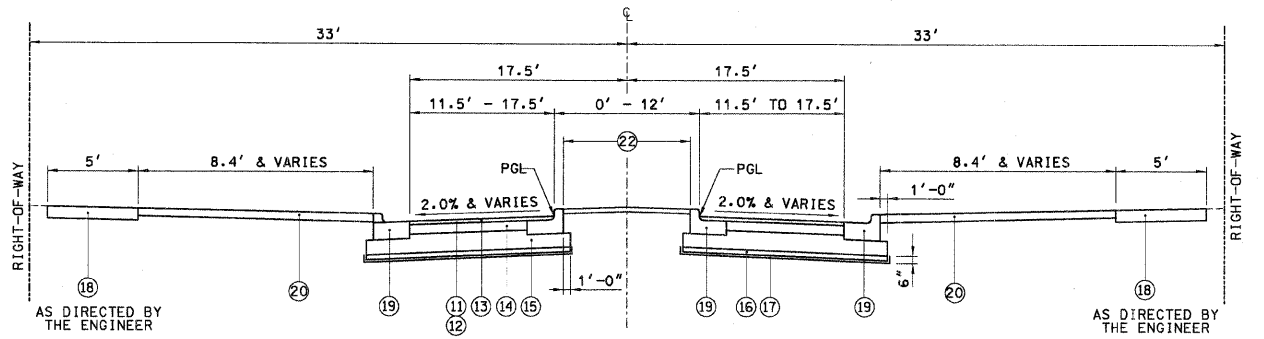
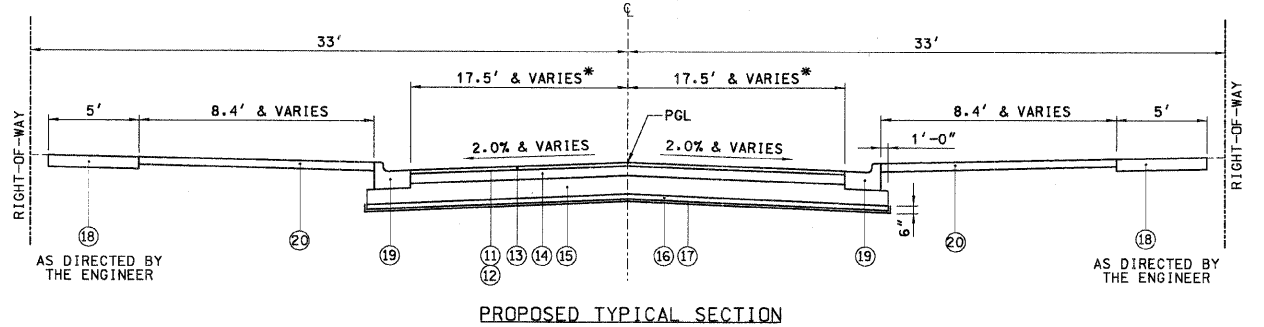
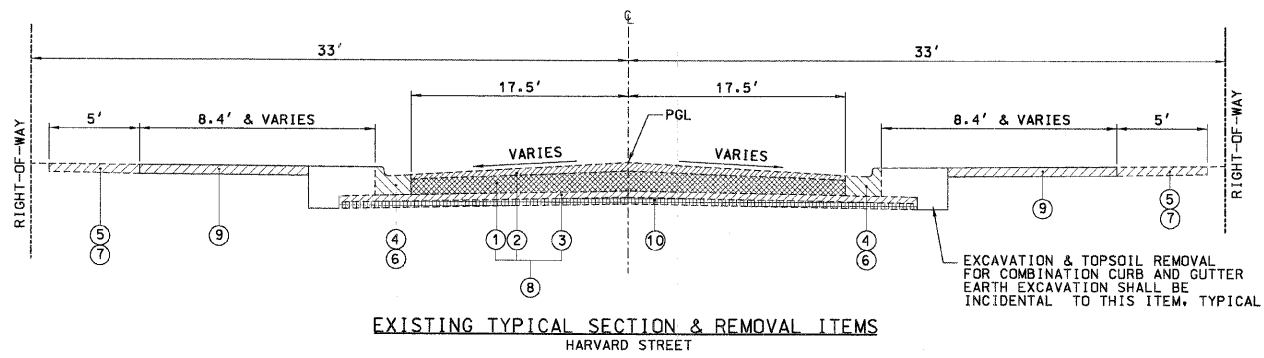
ELEVATION BENCHMARKS DATUM: NGVD '29		
NO.	DESCRIPTION	ELEV.
VILLAGE BM	SOUTHEAST FLANGE BOLT OF HYDRANT WEST SIDE OF VAN BUREN 200+ FEET SOUTH OF 2 STORY BRICK CHAPEL	628.10
OSBM 688	ARROW BOLT OF HYDRANT AT SOUTHWEST CORNER OF ELGIN AVE & HARVARD ST	620.73
OSBM 82-1	SQUARE CUT ON WEST CORNER OF DOOR SILL TO 7301 HARVARD ST AT NORTHWEST CORNER OF MARENGO	620.43
OSBM 82-2	SQUARE CUT ON FIRST LIGHT POLE SOUTH OF HARVARD ST ON CIRCLE AVE	619.85
OSBM 82-3	SQUARE CUT ON NORTHEAST CORNER OF CONCRETE PAD FOR TRAFFIC CONTROL BOX AT ALLEY BETWEEN HANNAH AVE & THOMAS AVE	621.52
OSBM 59A	SQUARE CUT ON LIGHT BASE AT SOUTHEAST CORNER OF HARVARD ST & LATHROP AVE	621.27
OSBM 82-4	SQUARE CUT ON NORTHEAST CORNER OF CONCRETE PAD FOR TRAFFIC CONTROL BOX AT NORTHEAST CORNER OF DES PLAINES AVE & HARVARD ST	625.38
OSBM 82-5	MOST EAST CORNER OF WINDOW SILL AT SOUTHWEST CORNER OF 2 STORY BRICK BUILDING AT NORTHEAST CORNER OF HARVARD ST & TROOST AVE	622.95
OSBM 82-6	SQUARE CUT ON MOST SOUTHWEST CORNER OF WINDOW SILL AT CORNER OF BUILDING AT NORTHEAST CORNER OF HARVARD ST & DUNLOP AVE	622.44

FILE NAME = N:\FORESTPARK\070002\Civil\BNH_070002.S	USER NAME = JBARNETT	DESIGNED -	REVISED -
PLOT SCALE = 100'	PLOT DATE = 2/18/2009	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

HORIZONTAL ALIGNMENT AND BENCHMARKS				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	4
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① EXISTING PORTLAND CEMENT CONCRETE BASE COURSE: 6.1" TO 12"
  - ② EXISTING BITUMINOUS BINDER AND SURFACE COURSE: 3.6" TO 7.1"
  - ③ EXISTING CRUSHED STONE SUB-BASE: 0" TO 7"
  - ④ EXISTING COMBINATION CONCRETE CURB AND GUTTER
  - ⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
  - ⑥ COMBINATION CONCRETE CURB AND GUTTER REMOVAL
  - ⑦ SIDEWALK REMOVAL (AS DIRECTED BY THE ENGINEER)
  - ⑧ PAVEMENT REMOVAL: 10.6" TO 17.6" & EARTH EXCAVATION (SEE NOTE 1)
  - ⑨ TOPSOIL EXCAVATION AND PLACEMENT
  - ⑩ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (SEE NOTE 2)
  - ⑪ BITUMINOUS MATERIALS (PRIME COAT)
  - ⑫ AGGREGATE (PRIME COAT)
  - ⑬ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50: 2"
  - ⑭ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50: 4" (IN 2 LIFTS)
  - ⑮ AGGREGATE SUBGRADE 12"
  - ⑯ POROUS GRANULAR EMBANKMENT, SUBGRADE (SEE NOTE 2)
  - ⑰ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (WITH P.G.E.S. - SEE NOTE 2)
  - ⑱ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL
  - ⑲ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
  - ⑳ SODDING, SALT TOLERANT
  - ㉑ CONCRETE CURB, TYPE B
  - ㉒ LANDSCAPED MEDIAN
  - ㉓ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50: 1.5"
  - ㉔ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50: 1.5"
  - ㉕ AGGREGATE BASE COURSE TYPE B: 10"
  - ㉖ WOOD POST AND RAIL FENCE

**NOTES:**

1. THE ITEM PAVEMENT REMOVAL (SPECIAL) COVERS THE REMOVAL OF THE EXISTING ASPHALT 3.6" TO 7.1" AND THE EXISTING PORTLAND CEMENT CONCRETE BASE COURSE (6.1" TO 12"). REMOVAL OF ADDITIONAL CRUSHED STONE SUBBASE BELOW THE EXISTING P.C.C. BASE COURSE WILL BE PAID FOR AS EARTH EXCAVATION.
2. ESTIMATED QUANTITIES FOR ITEMS 10, 16 AND 17 WERE BASED ON A ROADWAY SOILS INVESTIGATION. ACTUAL LOCATION AND DEPTH OF UNDERCUTS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. EXCAVATION TO PROPOSED SUBGRADE ELEVATION SHALL BE PAID FOR AS EARTH EXCAVATION. EXCAVATION REQUIRED BELOW PROPOSED SUBGRADE ELEVATION TO PLACE POROUS GRANULAR EMBANKMENT, SUBGRADE, SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.
3. SEE CROSS SECTIONS FOR PROPOSED PAVEMENT CROSS SLOPES.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
FULL-DEPTH PAVEMENT, 6"	AC-TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PG 64-22*	4% @ 50 GYR

\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PC 58-22.  
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT PAVEMENT QUANTITIES IS 112 LBS/SY/IN.

ESTIMATED QUANTITIES FOR UNDERCUTTING AND POROUS GRANULAR EMBANKMENT-SUBGRADE (PGES) REPLACEMENT FILL				
BORING NO.	ESTIMATED STATION LOCATION	ESTIMATED THICKNESS OF PGES (INCHES)	ESTIMATED STATION LIMITS OF PGES	ANTICIPATED SOIL CONDITIONS AT SUBGRADE LEVEL
B-1	102+85	6	100+59 - 104+30	SOFT SANDY LOAM OVER STIFF CLAY (WC=20/23%)
B-2	105+75	6	104+30 - 107+25	LOOSE TO MEDIUM DENSE SANDY LOAM (WC=17/18%)
B-3	108+75	NR	NR	STIFF CLAY LOAM OVER STIFF SANDY LOAM (WC=22/10%)
B-4	111+70	6	110+25 - 113+20	STIFF TO VERY STIFF CLAY (WC=28/20%)
B-5	114+70	6	113+20 - 116+20	STIFF CLAY LOAM OVER VERY STIFF CLAY (WC=24/21%)
B-6	117+70	NR	NR	STIFF TO VERY STIFF CLAY (WC=22/23%)
B-7	120+75	6	119+25 - 122+10	SOFT SANDY LOAM OVER STIFF CLAY (WC=21%)
B-8	123+50	NR	NR	STIFF TO VERY STIFF CLAY (WC=22/18%)
B-9	126+80	6	125+15 - 128+35	STIFF TO VERY STIFF CLAY (WC=25/23%)
B-10	129+85	NR	NR	STIFF TO VERY STIFF CLAY (WC=21%)
B-11	132+85	NR	NR	LOOSE FINE SAND (WC=13%)
B-12	135+85	NR	NR	LOOSE SILTY SAND OVER LOOSE FINE LOAM (WC=16%)

SP REQ'D	SPECIALTY ITEM	CODE NO	DESCRIPTION	UNIT	TOTAL QUANTITY	1000-2A		Y003		Y007		VILLAGE QUANTITY
						HPP QUANTITY	STP QUANTITY	HPP QUANTITY	STP QUANTITY	HPP QUANTITY	STP QUANTITY	
		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	40				40			
		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	186				186			
	*	20101200	TREE ROOT PRUNING	EACH	50				50			
	*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	1				1			
		20200100	EARTH EXCAVATION	CU YD	2950	2950						
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1440		1440					
Y		20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1642		1642					
Y	*	20800250	TRENCH BACKFILL, SPECIAL	CU YD	4240					526		3714
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	8635	8635						
	*	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	660				660			
	*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	55				55			
	*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	55				55			
	*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	55				55			
	*	25200200	SUPPLEMENTAL WATERING	UNIT	145				145			
	*	25200110	SODDING, SALT TOLERANT	SQ YD	4245				4245			
		28000510	INLET FILTERS	EACH	60		60					
		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	832		832					
		35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	365		365					
		40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	7280	7280						
		40600300	AGGREGATE (PRIME COAT)	TON	48	48						
		40600895	CONSTRUCTING TEST STRIP	EACH	2		2					
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	33		33					
		40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	33		33					
		40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SQ YD	15875	15875						
		42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	832		832					
Y		42400430	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, SPECIAL	SQ FT	20360	20360						
		42400800	DETECTABLE WARNINGS	SQ FT	1150		1150					
		44000100	PAVEMENT REMOVAL	SQ YD	17224		17224					
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	894		894					
		44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	7876		7876					
		44000600	SIDEWALK REMOVAL	SQ FT	14135		14135					
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	54					54		
		550A0330	STORM SEWERS, CLASS A, TYPE 2 10"	FOOT	31					31		
		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	84					84		
		55100400	STORM SEWER REMOVAL 10"	FOOT	185					185		
		55100500	STORM SEWER REMOVAL 12"	FOOT	70					70		
Y	*	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	228							228
Y	*	56103100	DUCTILE IRON WATER MAIN 8"	FOOT	3942							3942
Y	*	56104800	WATER VALVES 4"	EACH	4							4
Y	*	56105000	WATER VALVES 8"	EACH	18							18

SP REQ'D	SPECIALTY ITEM	CODE NO	DESCRIPTION	UNIT	TOTAL QUANTITY	1000-2A		Y003		Y007		VILLAGE QUANTITY
						HPP QUANTITY	STP QUANTITY	HPP QUANTITY	STP QUANTITY	HPP QUANTITY	STP QUANTITY	
Y	*	56105200	WATER VALVES 12"	EACH	1							1
Y	*	56106200	ADJUSTING WATER MAIN 4"	FOOT	20							20
Y	*	56108710	TAPPING VALVES AND SLEEVES 4"	EACH	5							5
Y	*	56108800	TAPPING VALVES AND SLEEVES 6"	EACH	2							2
Y	*	56108900	TAPPING VALVES AND SLEEVES 8"	EACH	1							1
Y	*	56109100	TAPPING VALVES AND SLEEVES 12"	EACH	1							1
Y	*	56201400	CORPORATION STOPS 1"	EACH	3							3
	*	56300300	ADJUSTING WATER SERVICE LINES	FOOT	45					45		
Y	*	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	8							8
Y	*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	8					8		
Y	*	56500700	DOMESTIC WATER SERVICE BOXES TO BE REMOVED	EACH	2							2
Y	*	56500800	DOMESTIC WATER SERVICE BOXES	EACH	2							2
		60107700	PIPE UNDERDRAINS 6"	FOOT	429							429
		60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6							6
Y		60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	18							18
Y		60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1							1
Y		60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	12							12
		60600605	CONCRETE CURB, TYPE B	FOOT	1275					1275		
Y		60604200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	9414					9414		
		66900205	SPECIAL WASTE DISPOSAL	CU YD	202					202		
		67100100	MOBILIZATION	L SUM	1					1		
Y		70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1					1		
	*	72000100	SIGN PANEL - TYPE 1	SQ FT	8					8		
		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	77					77		
		72900200	METAL POST - TYPE B	FOOT	27					27		
		73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	11					11		
	*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	16					16		
	*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10955					10955		
	*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2480					2480		
	*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	500					500		
	*	78000850	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	365					365		
	*	81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	510					510		
Y	*	81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	75					75		
	*	81017515	CONDUIT IN TRENCH, 1 1/4" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	820					820		
Y	*	81030100	CONDUIT SPLICE	EACH	11					11		
	*	81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	1					1		
	*	81702415	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 3-1/C NO. 6	FOOT	1390					1390		
	*	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2640					2640		
	*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	124					124		
Y	*	83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	20					20		

FILE NAME = N:\FORESTPARK\070082\Civil\QUA_070082.d	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES - HARVARD STREET</b>	F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 6	
	PLOT SCALE = N.T.S.	DRAWN -	REVISED -			CONTRACT NO. 63148					
	PLOT DATE = 2/18/2009	CHECKED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.			

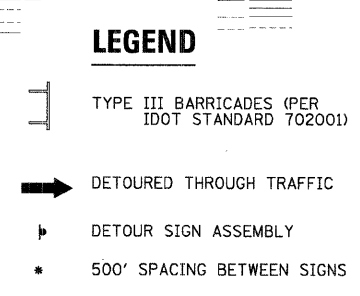
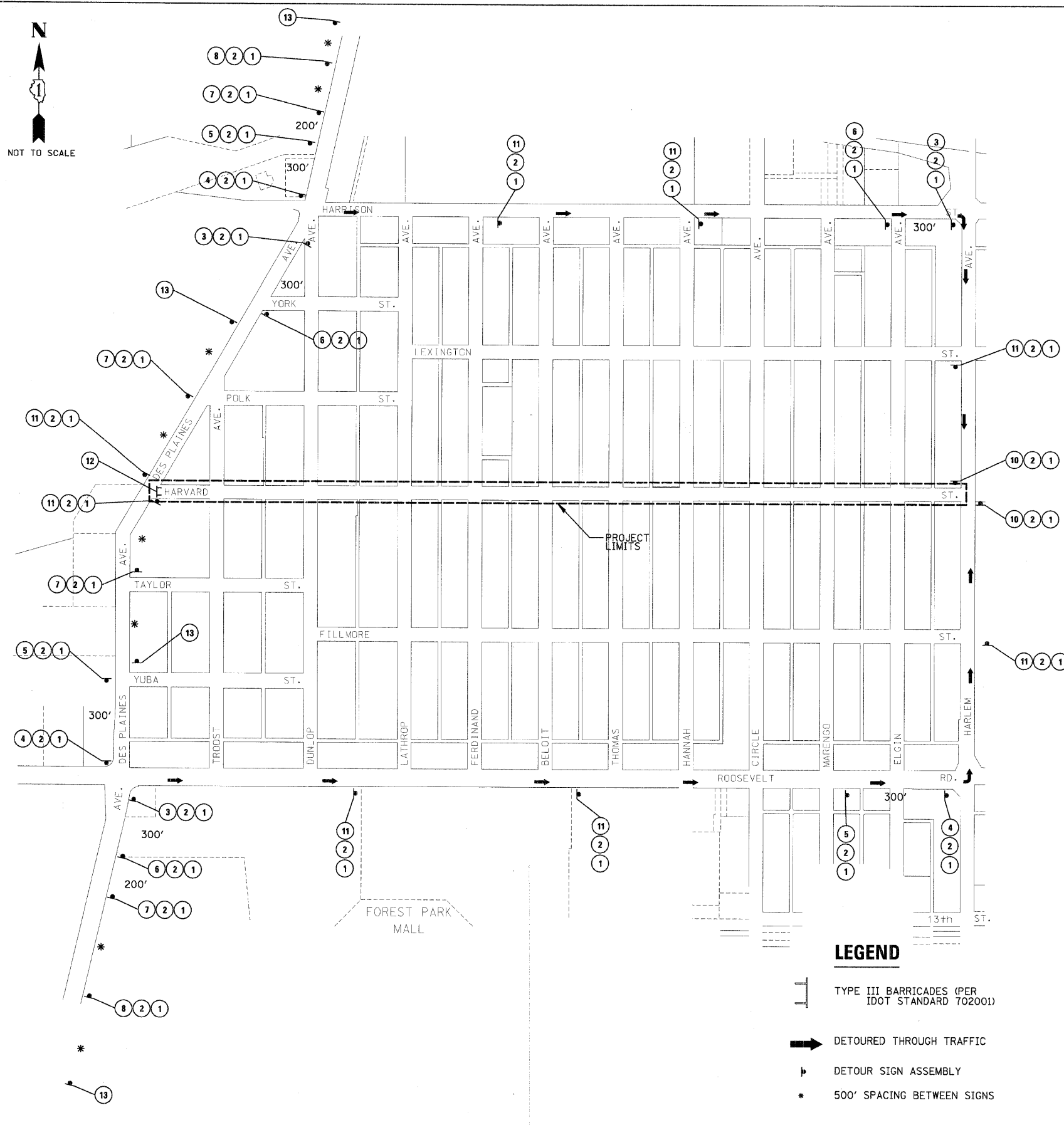
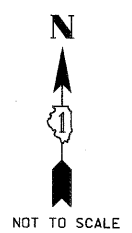
SP REQ'D	SPECIALTY ITEM	CODE NO	DESCRIPTION	UNIT	TOTAL QUANTITY	1000-2A		Y003		Y007		VILLAGE QUANTITY
						HPP QUANTITY	STP QUANTITY	HPP QUANTITY	STP QUANTITY	HPP QUANTITY	STP QUANTITY	
	*	84200700	LIGHTING FOUNDATION REMOVAL	EACH	5		5					
	*	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	3		3					
	*	C2007224	SHRUB, ROSA KNOCKOUT (KNOCKOUT ROSE), 24" HEIGHT, CONTAINER	EACH	28				28			
Y	*	K0030409	PERENNIAL, CAMPANULA CARPATICA 'BLUE CLIPS', (BLUE CLIPS CARPATHIAN HAREBELL), 1-QUART	EACH	208				208			
Y	*	K0039125	HEMEROCALLIS 'HAPPY RETURNS' CONTAINER GROWN, 1-GALLON	UNIT	182				182			
Y	*	K1005481	SHREDDED BARK MULCH 3"	SQ YD	570				570			
Y	*	X0301335	WATER MAIN REMOVAL 8"	FOOT	25							25
Y	*	X0301430	PRECAST CONCRETE PARKING BLOCK	EACH	7		7					
Y	*	X0321478	MAINTENANCE OF EXISTING LIGHTING SYSTEMS	L SUM	1		1					
Y	*	X0322951	CABLE SPLICE, SPECIAL	EACH	9		9					
Y	*	X0323449	REMOVE EXISTING WATER VALVE	EACH	4							4
Y	*	X0323455	ADJUST MONITORING WELLS	EACH	4		4					
Y	*	X0323814	SANITARY SEWER REMOVAL, 18"	FOOT	10		10					
Y	*	X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	500							500
Y	*	X0712400	TEMPORARY PAVEMENT	SQ YD	150		150					
Y	*	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	50	50						
Y	*	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	3						
Y	*	X4023000	TEMPORARY ACCESS (ROAD)	EACH	20	20						
Y	*	X8950130	MODIFY EXISTING LIGHTING CONTROLLER	EACH	4		4					
Y	*	X8950215	RELOCATE EXISTING HANDHOLE	EACH	3		3					
Y	*	XX000479	WATER MAIN REMOVAL 6 INCH	FOOT	345							345
Y	*	XX001011	BICYCLE RACKS	EACH	1		1					
Y	*	XX001446	PLUG AND BLOCK WATER MAIN	EACH	54							54
Y	*	XX002082	SANITARY SEWER REMOVAL 24"	FOOT	324		10					314
Y	*	XX002260	STRUCTURES TO BE REMOVED	EACH	26						16	10
Y	*	XX003352	SANITARY SEWER REMOVAL 27"	FOOT	10		10					
Y	*	XX004887	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	16		16					
Y	*	XX005195	COMBINED SEWER MANHOLE, 4'-DIAMETER TYPE 1 FRAME, CLOSED LID	EACH	1						1	
Y	*	XX005308	HEMEROCALLIS 'STELLA D'ORO' CONTAINER GROWN (1 GALLON)	EACH	440				440			
Y	*	XX005450	STORM SEWER WATER MAIN QUALITY 12"	FOOT	313						313	
Y	*	XX005544	CURED-IN-PLACE PIPE (CIPP), 18"	FOOT	283							283
Y	*	XX005695	SANITARY SEWER SERVICE LEADS RELOCATE AND RECONNECT	FOOT	30							30
Y	*	XX005701	ALLEY APRON APPROACH PAVEMENT REMOVAL	SQ YD	93		93					
Y	*	XX006259	STEEL CASING PIPE 20"	FOOT	132							132
Y	*	XX006591	PAVEMENT TEXTURING	SQ FT	7860		7860					
Y	*	XX006937	GROUND ROD, 5/8" DIA. X 10FT.	EACH	21		21					
Y	*	XX006952	CATCH BASINS, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, WITH HALF TRAP	EACH	24						24	
Y	*	XX011700	WATER MAIN FITTINGS	POUND	4100							4100
Y	*	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	18230	18230						
Y	*	Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1						

SP REQ'D	SPECIALTY ITEM	CODE NO	DESCRIPTION	UNIT	TOTAL QUANTITY	1000-2A		Y003		Y007		VILLAGE QUANTITY
						HPP QUANTITY	STP QUANTITY	HPP QUANTITY	STP QUANTITY	HPP QUANTITY	STP QUANTITY	
Y	*	Z0007602	BUILDING REMOVAL NO. 2	L SUM	1	1						
Y	*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1					
Y	*	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	90						90	
Y	*	Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	5						5	
Y	*	Z0019600	DUST CONTROL WATERING	UNIT	150		150					
Y	*	Z0049801	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1		1					
Y	*	Z0049802	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 2	L SUM	1		1					
Y	*	Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1		1					
Y	*	Z0049902	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 2	L SUM	1		1					
Y	*	Z0057300	SANITARY SEWER 18"	FOOT	5		5					
Y	*	Z0057500	SANITARY SEWER 24"	FOOT	319		5					314
Y	*	Z0057600	SANITARY SEWER 27"	FOOT	5		5					
Y	*	Z0057700	SANITARY SEWER 30"	FOOT	5		5					
Y	*	Z0076600	TRAINEES	HOUR	1000		1000					
Y	*	Z0077900	WOOD POST AND RAIL FENCE	FOOT	120		120					
Y	*	XX007669	COPPER SERVICE, TYPE K 1" (BORED)	FOOT	50							50
Y	*	XX007668	COPPER SERVICE, TYPE K 1" (TRENCHED)	FOOT	40							40
Y	*	XX007893	ASBESTOS SURVEY AND REPORT	EACH	2		2					
Y	*	XX007894	ALLEY APRON APPROACH PAVEMENT REMOVAL	SQ YD	340		340					
Y	*	XX007895	COMBINED SEWER MANHOLE, 5'-DIAMETER TYPE 1 FRAME, CLOSED LID	EACH	4						4	
Y	*	XX007896	CURED-IN-PLACE PIPE (CIPP), 30"	FOOT	162							162
Y	*	XX007897	GERANIUM PRATENSE 'MIDNIGHT REITER' (MIDNIGHT REITER GERANIUM), 1-GALLON CONTAINER	EACH	72				72			
Y	*	XX007898	HEMEROCALLIS 'LITTLE WINE CUP' (LITTLE WINE CUP DAYLILY), 1-GALLON CONTAINER	EACH	163				163			
Y	*	XX007898	HEMEROCALLIS 'ROSY RETURNS' (ROSY RETURNS DAYLILY), 1-GALLON CONTAINER	EACH	196				196			
Y	*	XX007899	MASONRY WALL	FOOT	137		137					
Y	*	XX007899	PEDESTRIAN BENCH, FURNISH	EACH	2		2					
Y	*	XX007899	PEDESTRIAN BENCH, FURNISH AND INSTALL	EACH	14		14					
Y	*	XX007900	PVC STORM AND SAN SEWER R&R 15" DIA, 41-50 FT LENGTH	EACH	1							1
Y	*	XX007901	RELOCATE EXISTING LIGHTING UNIT, SPECIAL	EACH	2		2					
Y	*	XX007901	SANITARY SEWER REMOVAL 30"	FOOT	10		10					
Y	*	XX007902	PERENNIAL BITIS SPOROBIOLUS (PRAIRIE DROPSEED), 1-GALLON CONTAINER	EACH	72				72			
Y	*	XX007903	STORM SEWER WATER MAIN QUALITY 10"	FOOT	137						137	
Y	*	XX007904	TRASH RECEPTACLE, FURNISH	EACH	1		1					
Y	*	XX007905	TRASH RECEPTACLE, FURNISH AND INSTALL	EACH	15		15					
Y	*	XX007906	TREE ULMUS ACCOLADE (HYBRID ELM) 4" CALIPER, BALLED AND BURLAPPED	EACH	11				11			
Y	*	XX007907	TREE ACER X FREEMANI AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE) 4" CALIPER, BALLED AND BURLAPPED	EACH	14				14			
Y	*	XX007908	UNIT DUCT, 600V, 1/C #10, 1/C #10 NEUTRAL & 1/C #10 GND. (XLP TYPE-USE) IN 1" DIA. SCH 40 HDPE, BORED & PULLED	FOOT	1970		1970					
Y	*	XX007909	UNIT DUCT, 600V, 2/C #6, 2/C #6 NEUTRAL & 1/C #6 GND. (XLP TYPE-USE) IN 1 1/4" DIA. SCH 40 HDPE, BORED & PULLED	FOOT	200		200					

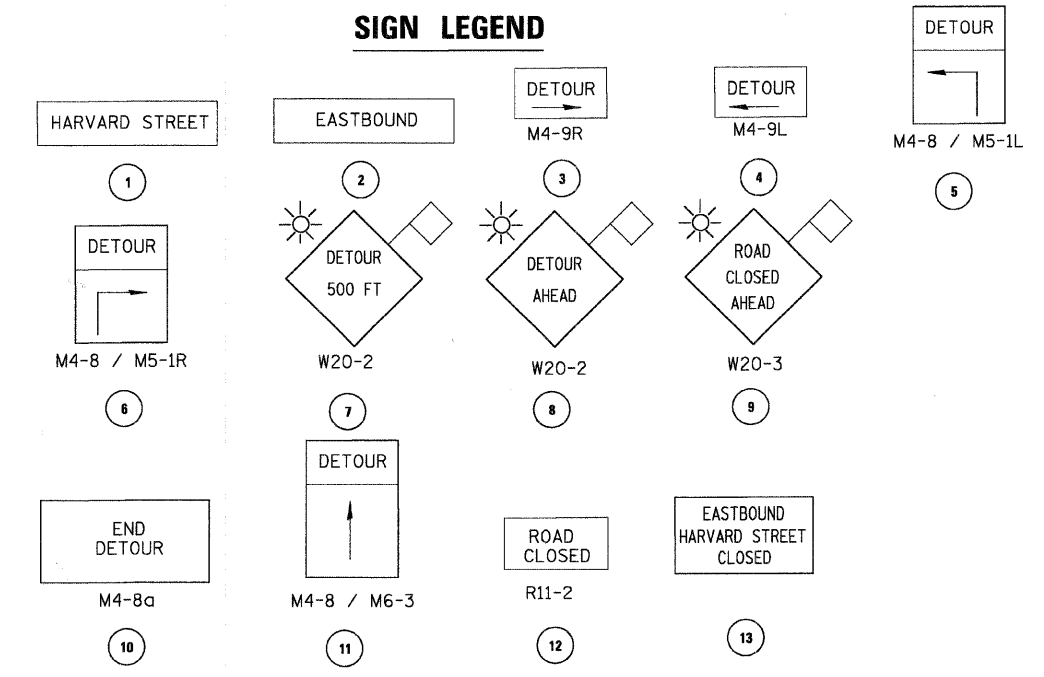
Δ Y080







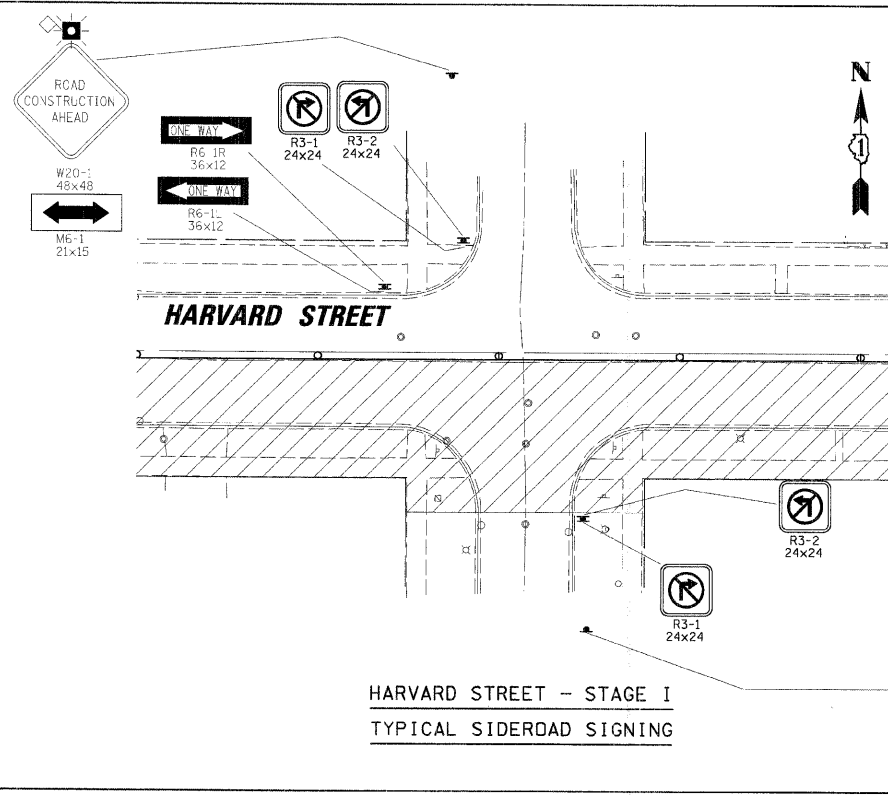
**SIGN LEGEND**



**DETOUR GENERAL NOTES**

1. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007", "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES ADOPTED 2004", THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION.
2. THE DURATION OF THIS DETOUR SHALL NOT EXCEED 150 CONSECUTIVE CALENDAR DAYS. THE CONTRACTOR SHALL PROCEED WITH THE WORK IN AN EXPEDITIOUS MANNER TO REDUCE THE LENGTH OF TIME THAT THE DETOURS NEED TO BE IN EFFECT.
3. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
4. IF DEEMED NECESSARY BY THE ENGINEER, A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR SHALL BE HELD AT LEAST TWO WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT.
5. THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK. THE VILLAGE OF FOREST PARK REPRESENTATIVE FOR THIS DETOUR IS: MR. MICHAEL STIRK, PE; VILLAGE ENGINEER (847)823 0500.
6. IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT, THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF ANY SIGNS.
7. LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.
8. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND INSPECTED AND APPROVED BY THE ENGINEER.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.
10. THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL THAT IS DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION".
11. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.
12. ALL DETOUR SIGNING SHALL BE POST MOUNTED IF THE ROAD CLOSURE IS TO EXCEED FOUR (4) CALENDAR DAYS.
13. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF ARTICLE 1084.02 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION OF THE SIGNS. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
14. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
15. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1084.01 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
16. WHEN REQUIRED THE MINIMUM DIMENSIONS OF THE ORANGE WARNING FLAGS SHOWN IN THESE PLANS ARE 18" X 18".
17. ALL BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO (2) AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
18. THE "ROAD CLOSED" (R11-2) SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO (2) AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
19. THE ROAD NAME SIGN SHALL HAVE A BLACK LEGEND ON FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A 9" X VARIABLE OR A 12" X VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6" WITH 5" LOWER CASE.
20. DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
21. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED WITHIN 25 FT BEHIND THE TYPE III BARRICADES. IN ANY EVENT ARTICLE 701.04 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
23. THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) HOURS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
24. THE PENALTY FOR EXCEEDING THE TIME LIMIT, AS STATED IN DETOUR GENERAL NOTE 2 OF THESE PLANS, SHALL BE EQUAL TO THE CHARGE FOR TRAFFIC CONTROL DEFICIENCY OF \$1000.00 PER DAY, FOR EVERY CALENDAR DAY THE DETOUR AND ROAD CLOSURE EXCEEDS THE TIME LIMIT SET IN DETOUR GENERAL NOTE 2. THIS PENALTY CAN BE ASSESSED IN ADDITION TO THE PENALTY SPECIFIED IN THE SPECIAL PROVISION FOR TRAFFIC CONTROL AND PROTECTION AND BOTH PENALTIES CAN BE CHARGED CONCURRENTLY.

FILE NAME = N:\FOREST PARK\07002\Civil\1\1\1\011_070022.SHT	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETOUR PLAN - HARVARD STREET</b>	F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 9		
PLOT SCALE = N.T.S.	DRAWN -	REVISED -	SCALE:			SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 63148					
PLOT DATE = 2/18/2009	CHECKED -	REVISED -										
	DATE -	REVISED -										

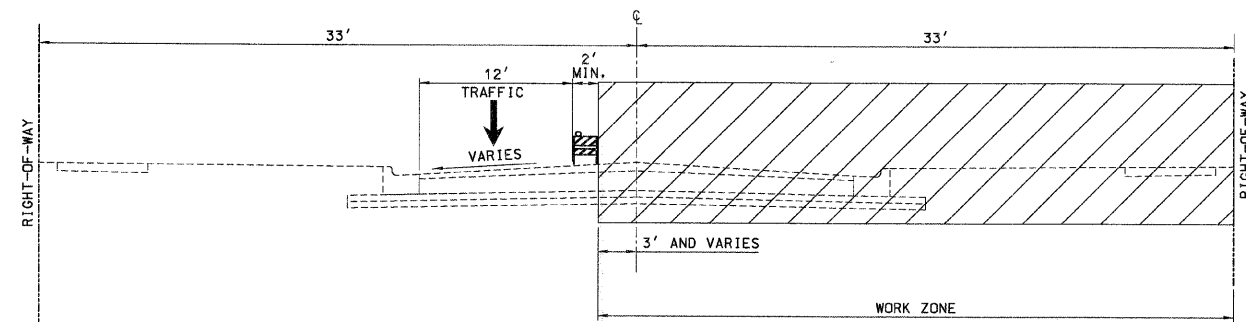


HARVARD STREET - STAGE I  
TYPICAL SIDEROAD SIGNING

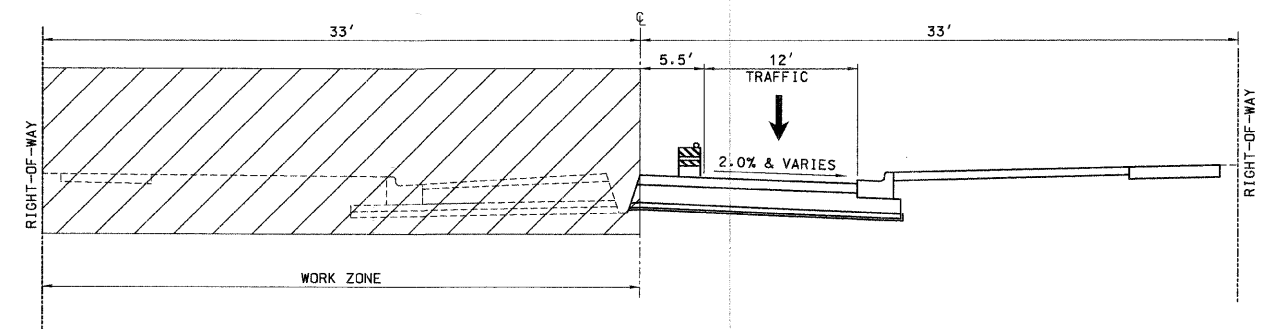


HARVARD STREET - STAGE II  
TYPICAL SIDEROAD SIGNING

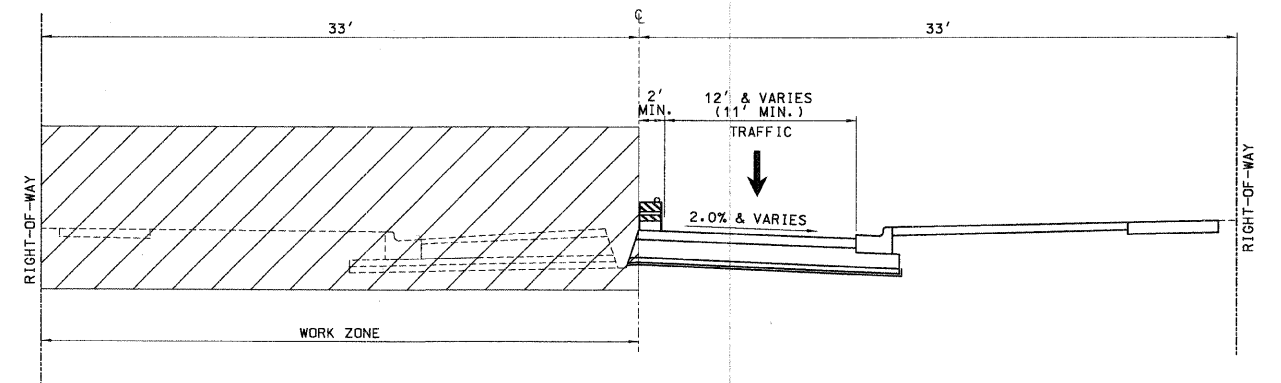
**SIGNING NOTES:**  
 1. "NO LEFT TURN" AND "NO RIGHT TURN" SIGNS WILL BE PLACED AT ALL ALLEYS.  
 2. THERE WILL BE NO ON-STREET PARKING ON HARVARD STREET DURING CONSTRUCTION. "NO PARKING" SIGNS (R7-1) WILL BE PLACED EVERY HALF-BLOCK (MINIMUM).



TYPICAL SECTIONS - STAGE I  
STA. 100+58.77 TO STA 138+20.11



TYPICAL SECTIONS - STAGE II  
STA. 100+58.77 TO STA 113+50  
STA. 130+50 TO STA 138+20.11



TYPICAL SECTIONS - STAGE II  
STA. 113+50 TO STA 130+50

FILE NAME = N:\FORESTPARK\070022\Civil\MOT2_070022.dwg	USER NAME = JBARNETT	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	PLOT DATE = 2/18/2009	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

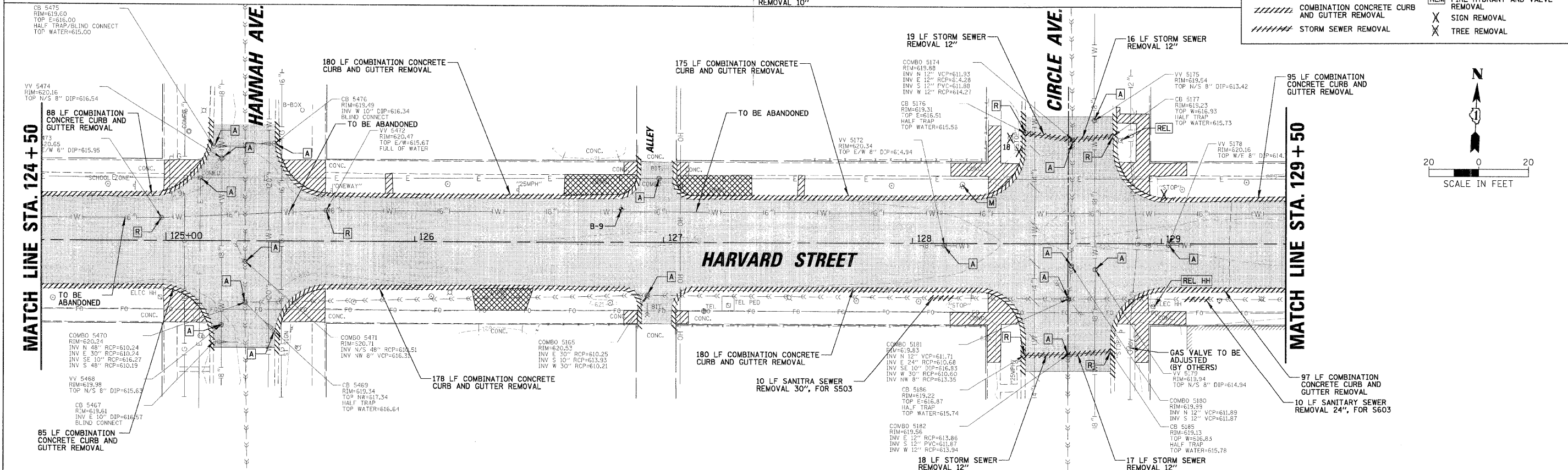
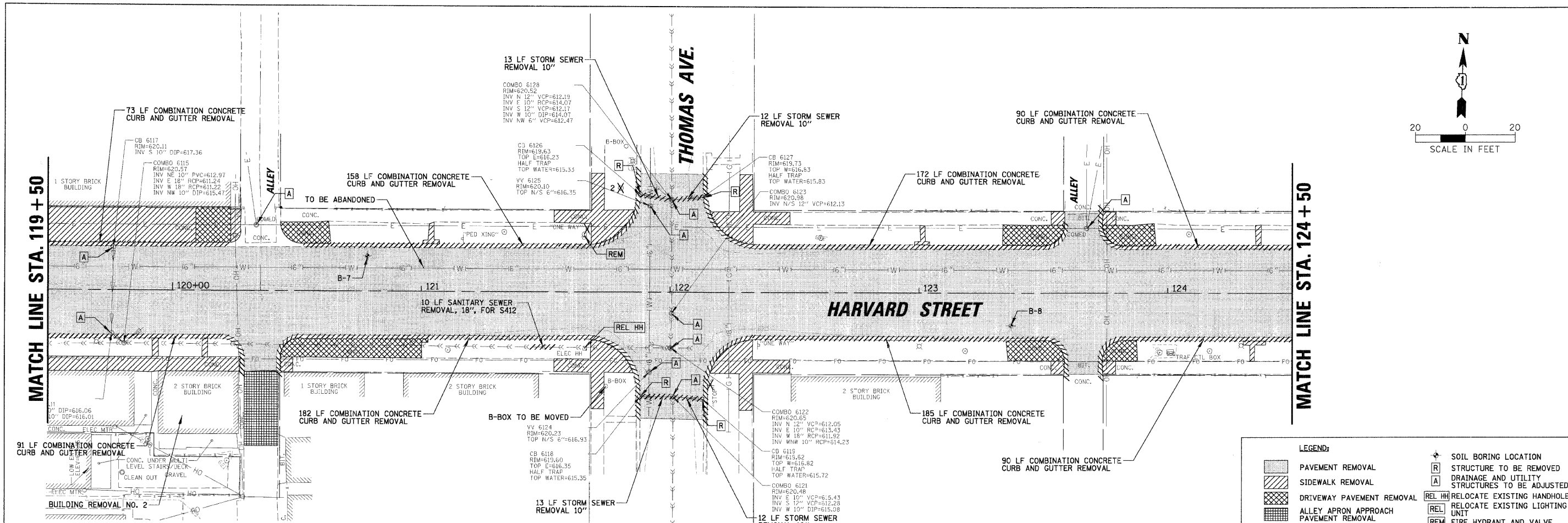
MAINTENANCE OF TRAFFIC - HARVARD STREET

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	10
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



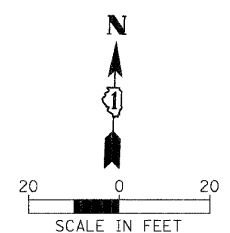
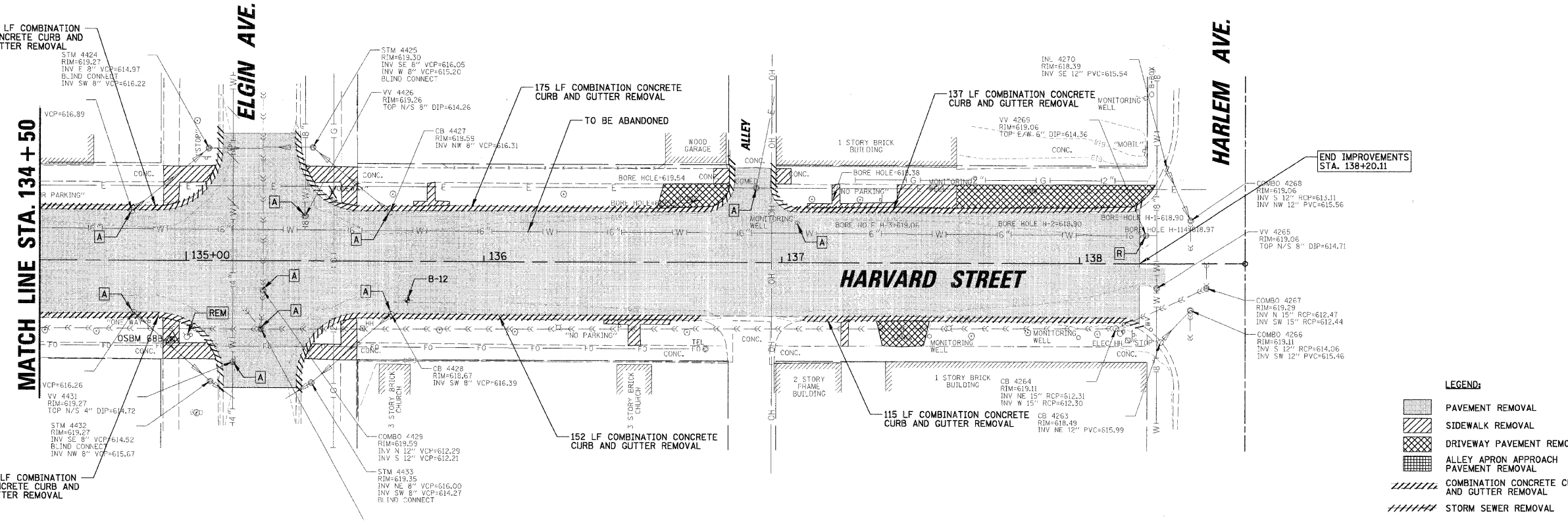
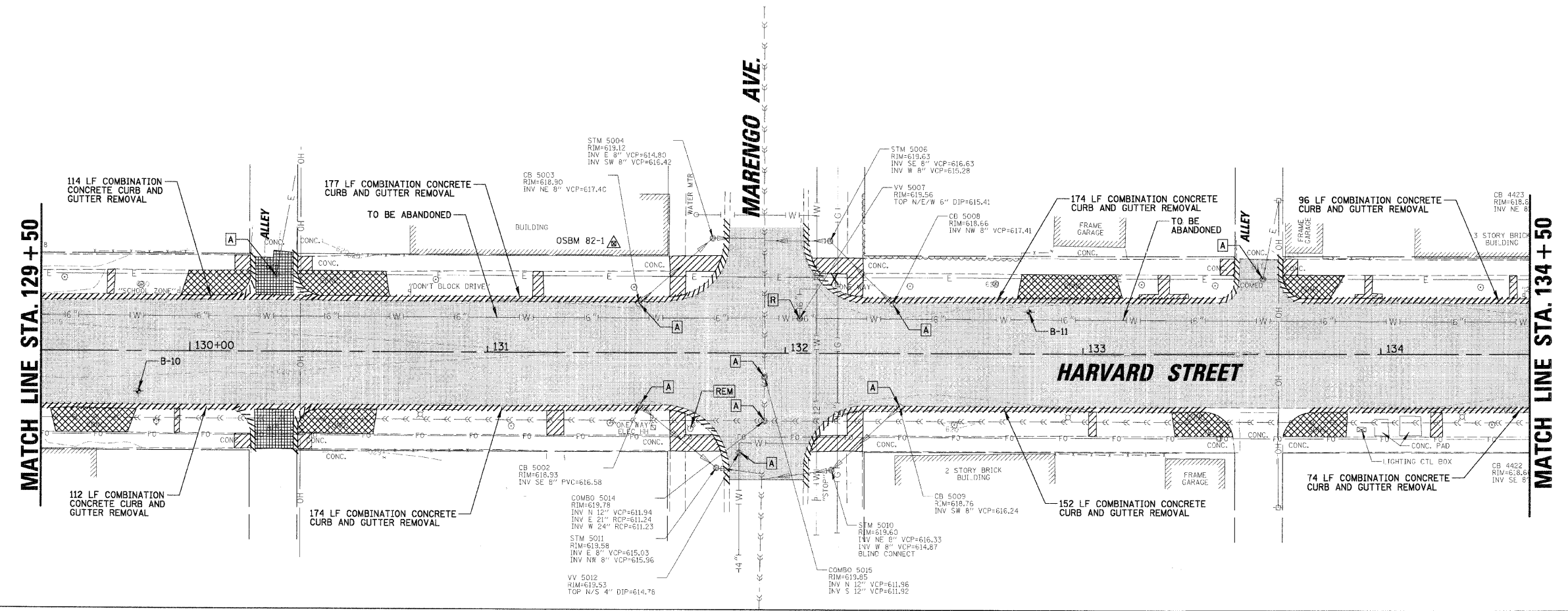
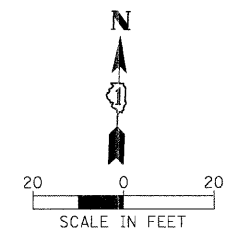




**LEGEND:**

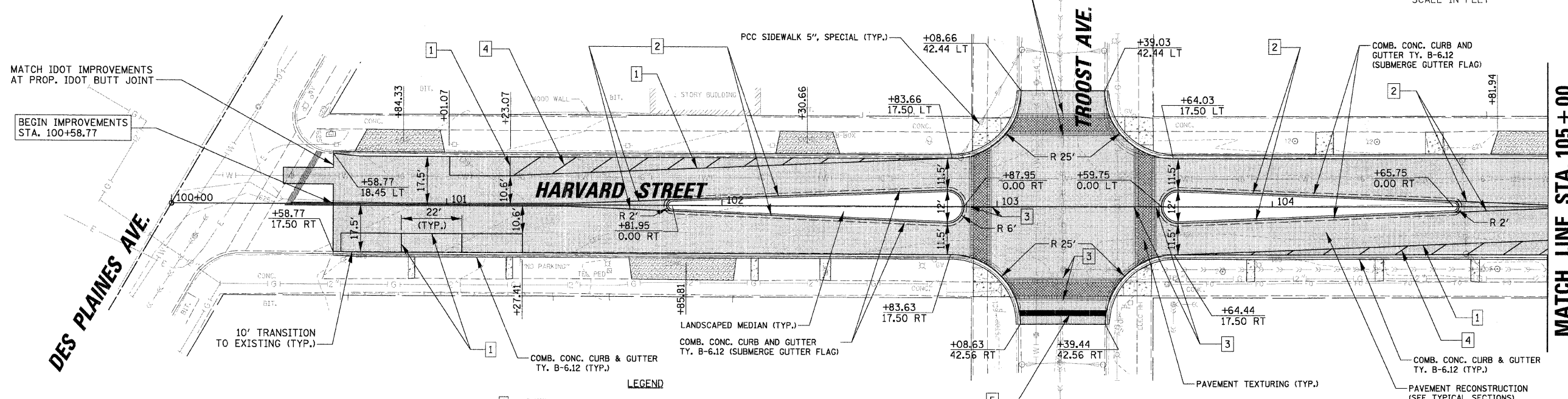
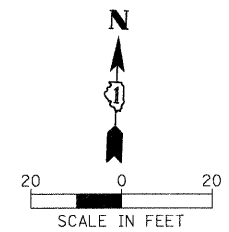
	PAVEMENT REMOVAL		SOIL BORING LOCATION
	SIDEWALK REMOVAL		STRUCTURE TO BE REMOVED
	DRIVEWAY PAVEMENT REMOVAL		DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED
	ALLEY APRON APPROACH PAVEMENT REMOVAL		RELOCATE EXISTING HANDHOLE UNIT
	COMBINATION CONCRETE CURB AND GUTTER REMOVAL		RELOCATE EXISTING LIGHTING UNIT
	STORM SEWER REMOVAL		FIRE HYDRANT AND VALVE REMOVAL
			SIGN REMOVAL
			TREE REMOVAL

FILE NAME = N:\FORESTPARK\070082\Civil\REM_070082.DWG	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS - HARVARD STREET STA. 119 + 50 TO STA. 129 + 50</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 20'	PLOT DATE = 2/18/2009	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	1702	07-00106-00-PV	COOK	75 13
		CHECKED -	REVISED -							CONTRACT NO. 63148			
		DATE -	REVISED -							FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			



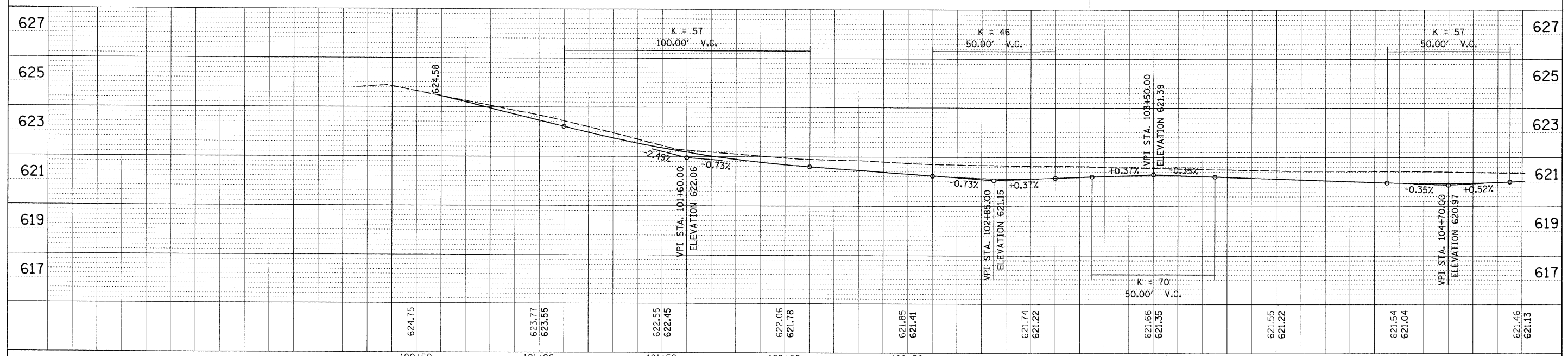
- LEGEND:**
- PAVEMENT REMOVAL
  - SIDEWALK REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - ALLEY APRON APPROACH PAVEMENT REMOVAL
  - COMBINATION CONCRETE CURB AND GUTTER REMOVAL
  - STORM SEWER REMOVAL
  - SOIL BORING LOCATION
  - STRUCTURE TO BE REMOVED
  - DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED
  - RELOCATE EXISTING HANDHOLE UNIT
  - RELOCATE EXISTING LIGHTING
  - FIRE HYDRANT AND VALVE REMOVAL
  - SIGN REMOVAL
  - TREE REMOVAL

FILE NAME = N:\FORESTPARK\070082\Civil\REM_070082.dwg	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS - HARVARD STREET STA. 129 + 50 TO STA. 138 + 20.11</b>	F.A.U. RTE. = 1702	SECTION = 07-00106-00-PV	COUNTY = COOK	TOTAL SHEETS = 75	SHEET NO. = 14		
PLOT SCALE = 20'	PLOT DATE = 2/18/2009	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 63148			
CHECKED -	DATE -	REVISIONS	REVISIONS									
DATE -	DATE -	REVISIONS	REVISIONS									
DATE -	DATE -	REVISIONS	REVISIONS									



- LEGEND**
- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
  - 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW 11" C-C)
  - 3 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
  - 4 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - 5 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
  - 6 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

- LEGEND:**
- [Pattern] HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
  - [Pattern] HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50
  - [Pattern] PCC DRIVEWAY PAVEMENT, 7 INCH
  - [Pattern] ALLEY APRON APPROACH PAVEMENT
  - [Pattern] PCC, SIDEWALK 5", SPECIAL



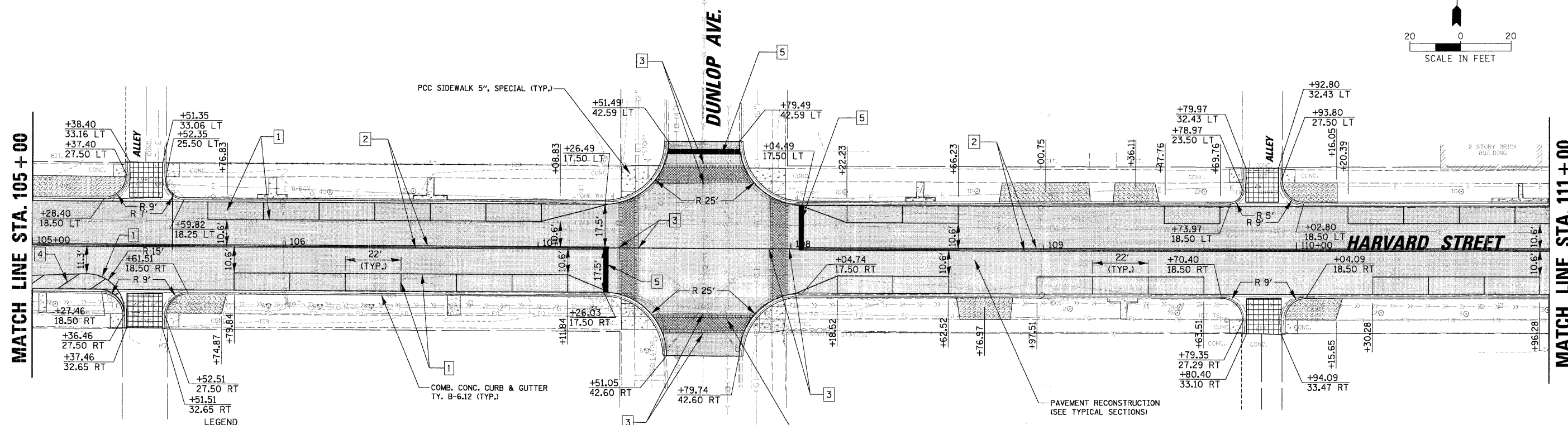
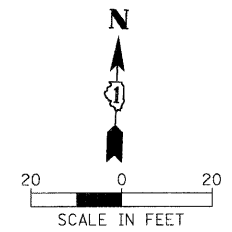
**PLAN**

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

**PROFILE**

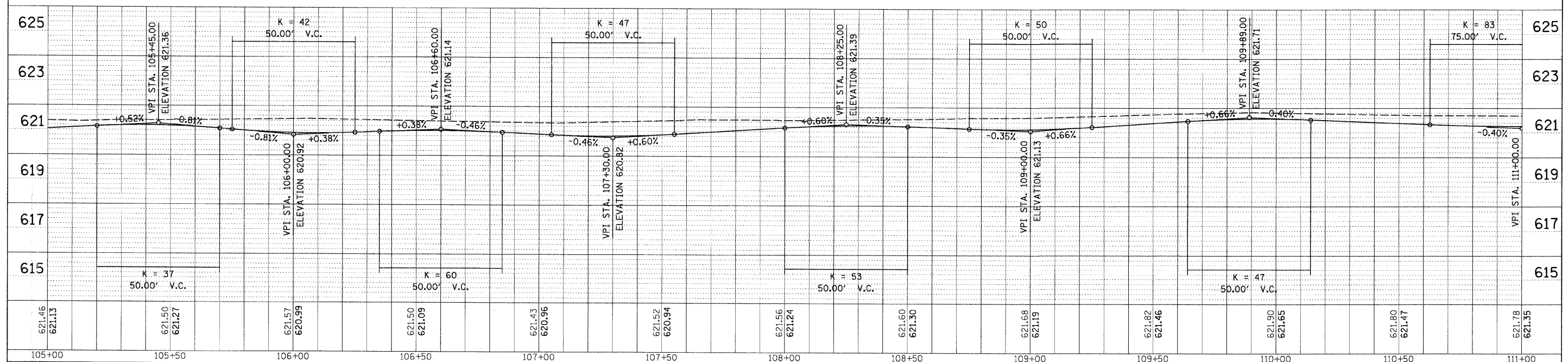
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

FILE NAME = N:\FORESTPARK\270082\Civil\RPP_070082_01.dwg	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE - HARVARD STREET STA. 100+00.00 TO STA. 105+00.00</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 20'	DRAWN -	REVISED -			1702	07-00106-00-PV	COOK	75	15	
	PLOT DATE = 2/18/2009	CHECKED -	REVISED -			CONTRACT NO. 63148					
		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



- LEGEND:**
- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
  - 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW 11" C-C)
  - 3 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
  - 4 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - 5 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
  - 6 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

- LEGEND:**
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
  - PCC DRIVEWAY PAVEMENT, 7 INCH
  - ALLEY APRON APPROACH PAVEMENT
  - PCC, SIDEWALK 5", SPECIAL



PLAN

DATE	BY
REVIEWED	DATE
DESIGNED	BY
DRAWN	BY
CHECKED	BY
DATE	BY

PROFILE

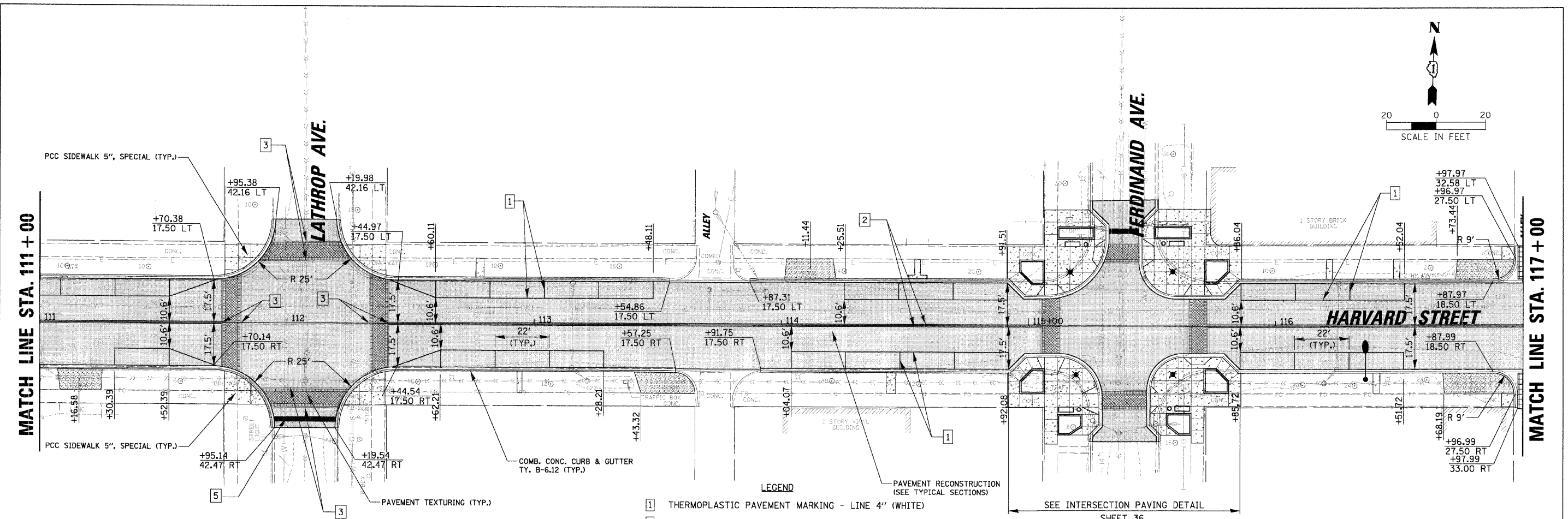
DATE	BY
REVIEWED	DATE
DESIGNED	BY
DRAWN	BY
CHECKED	BY
DATE	BY

FILE NAME = N:\FORESTPARK\070082\Civil\RPP_070082_02.dwg	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE - HARVARD STREET STA. 105+00.00 TO STA. 111+00.00</b>			F.A.U. R.T.E. = 1702	SECTION = 07-00106-00-PV	COUNTY = COOK	TOTAL SHEETS = 75	SHEET NO. = 16			
PLOT SCALE = 20'	PLOT DATE = 2/18/2009	DRAWN -	REVISED -					SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 63148				
CHECKED -	DATE -	DRAWN -	REVISED -					FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT							



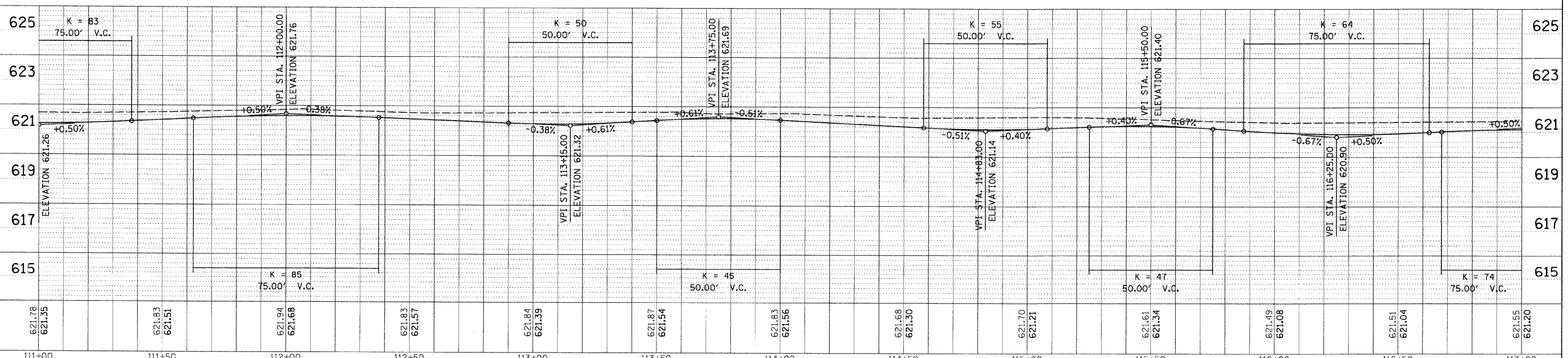
PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	REVISIONS	
	NO. BY DATE	
	NO. BY DATE	
	NO. BY DATE	
	NO. BY DATE	
	NO. BY DATE	
	NO. BY DATE	
	NO. BY DATE	
	NO. BY DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	REVISIONS	
	NO. BY DATE	
	NO. BY DATE	
	NO. BY DATE	
	NO. BY DATE	
	NO. BY DATE	
	NO. BY DATE	
	NO. BY DATE	



- LEGEND**
- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
  - 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW 11" C-C)
  - 3 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
  - 4 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - 5 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
  - 6 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

- LEGEND:**
- [Pattern] HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
  - [Pattern] HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
  - [Pattern] PCC DRIVEWAY PAVEMENT, 7 INCH
  - [Pattern] ALLEY APRON APPROACH PAVEMENT
  - [Pattern] PCC, SIDEWALK 5", SPECIAL

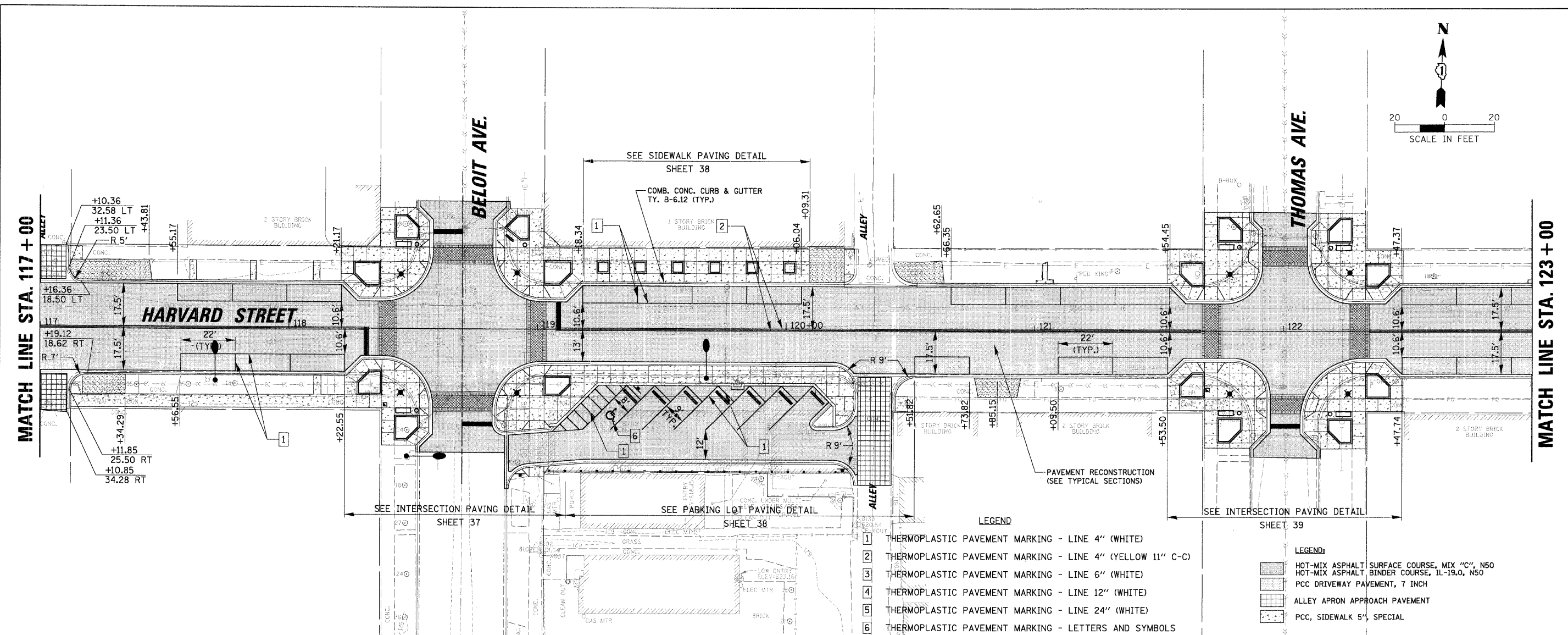


FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE - HARVARD STREET STA. 111+00.00 TO STA. 117+00.00</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NEWFORESTPARK\070082\Civil\RPP_070082_03.DWG		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	COOK	75	17
		CHECKED -	REVISED -										
		DATE -	REVISED -										

CONTRACT NO. 63148  
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

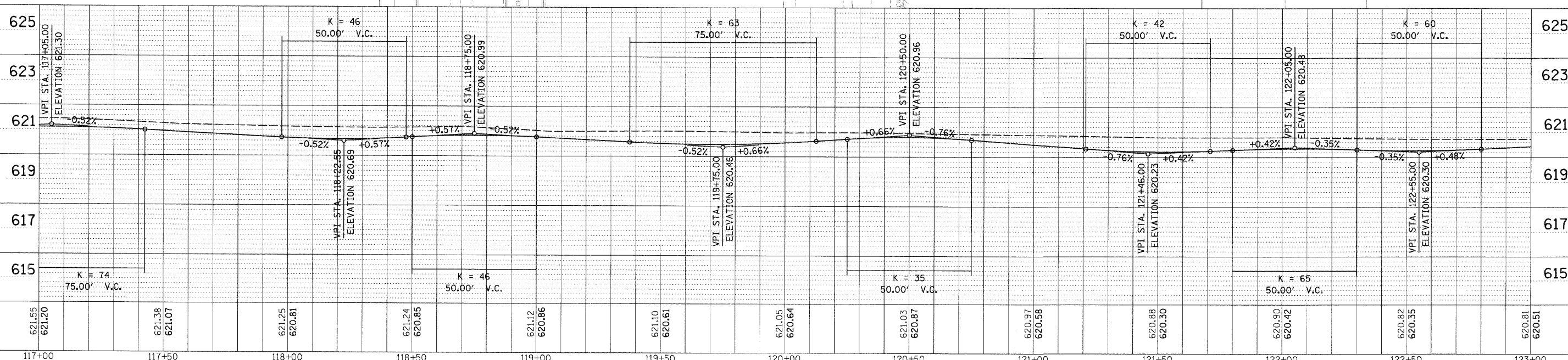
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	REVISIONS		
	CAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	REVISIONS		
	STRUCTURE NOTATIONS		



- LEGEND**
- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
  - 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW 11" C-C)
  - 3 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
  - 4 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - 5 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
  - 6 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

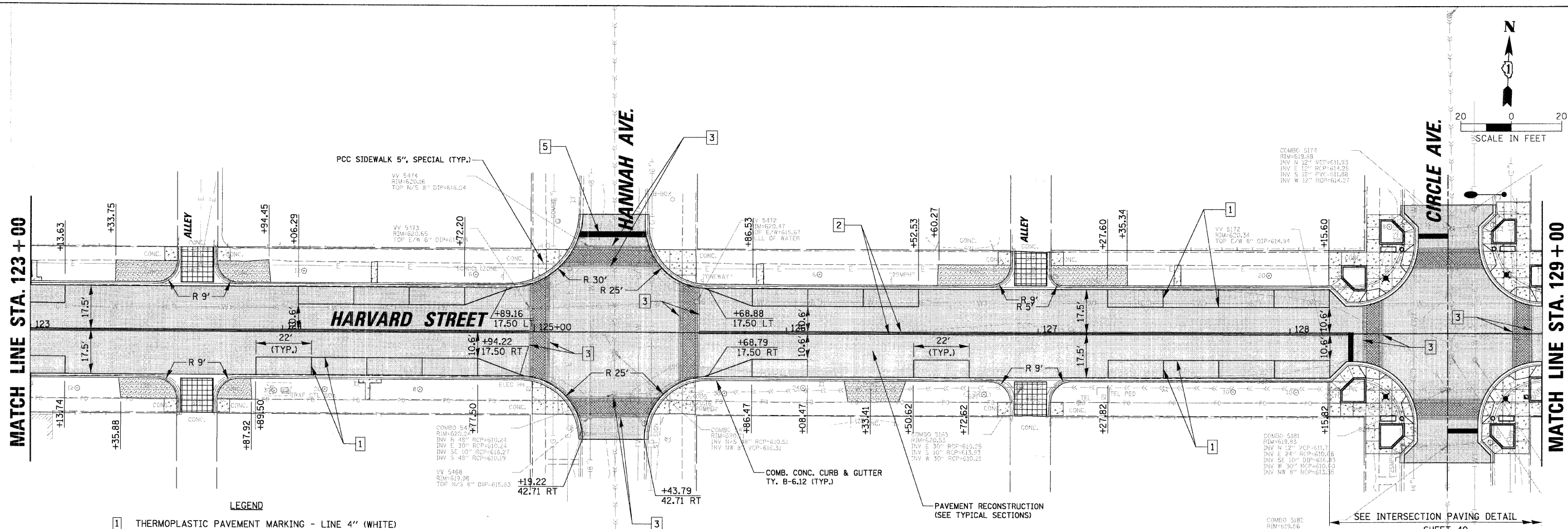
- LEGEND:**
- [Symbol] HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
  - [Symbol] HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
  - [Symbol] PCC DRIVEWAY PAVEMENT, 7 INCH
  - [Symbol] ALLEY APRON APPROACH PAVEMENT
  - [Symbol] PCC, SIDEWALK 5", SPECIAL



FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE - HARVARD STREET STA. 117+00.00 TO STA. 123+00.00</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\FORESTPARK\070082\Civil\RPP_070082_04.dwt	PLLOT SCALE = 20'	DRAWN -	REVISED -			1702	07-00106-00-PV	COOK	75	18	
PLLOT DATE = 2/18/2009	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 63148					
	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

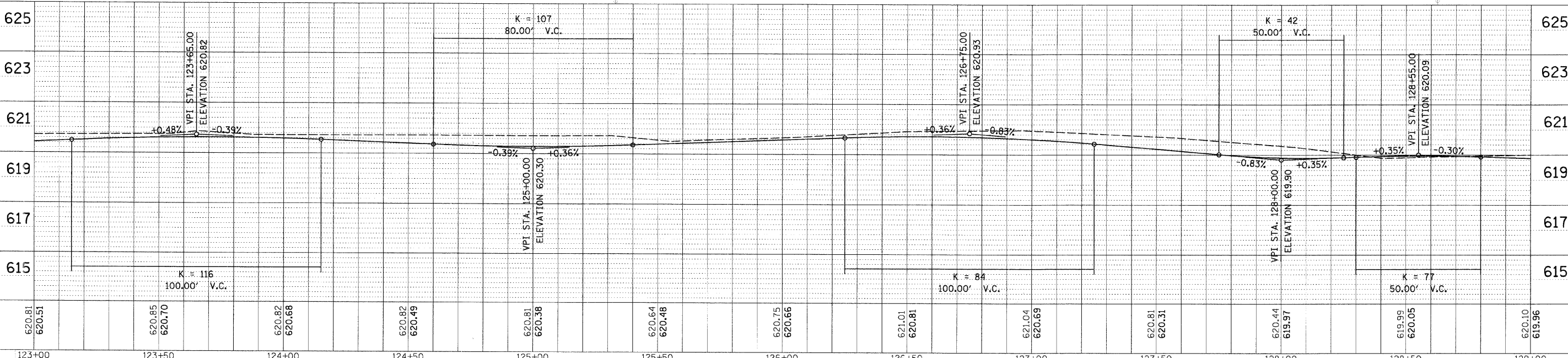
PLAN	DATE
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

PROFILE	DATE
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

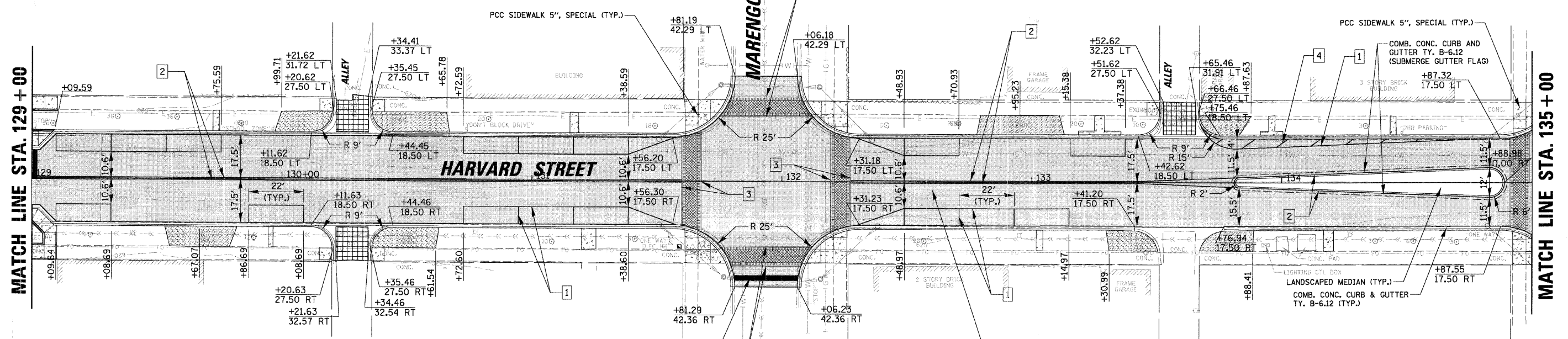
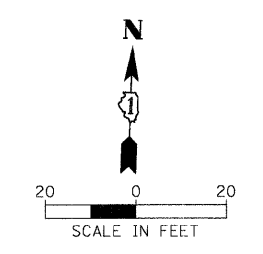


- LEGEND**
- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
  - 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW 11" C-C)
  - 3 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
  - 4 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - 5 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
  - 6 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

- LEGEND**
- [Pattern] HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
  - [Pattern] HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
  - [Pattern] PCC DRIVEWAY PAVEMENT, 7 INCH
  - [Pattern] ALLEY APRON APPROACH PAVEMENT
  - [Pattern] PCC, SIDEWALK 5", SPECIAL

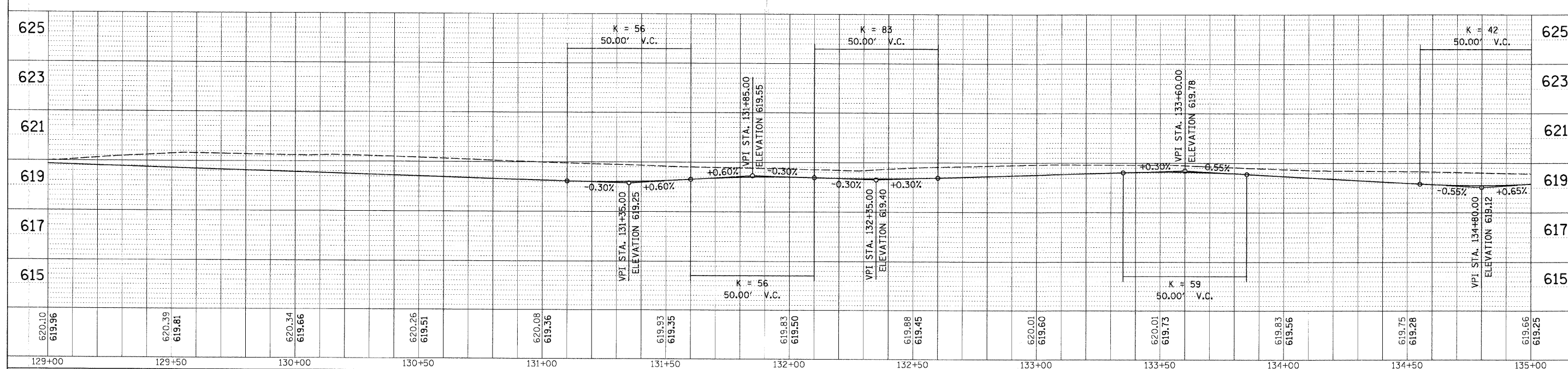


FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE - HARVARD STREET</b> <b>STA. 123+00.00 TO STA. 129+00.00</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\FORESTPARK\070082\Civil\RPP_070082_05.DWT		DRAWN -	REVISED -			1702	07-00106-00-PV	COOK	75	19	
PLOT SCALE = 2"		CHECKED -	REVISED -			CONTRACT NO. 63148					
PLOT DATE = 2/18/2009		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



- LEGEND**
- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
  - 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW 11" C-C)
  - 3 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
  - 4 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - 5 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
  - 6 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

- LEGEND:**
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
  - PCC DRIVEWAY PAVEMENT, 7 INCH
  - ALLEY APRON APPROACH PAVEMENT
  - PCC, SIDEWALK 5", SPECIAL



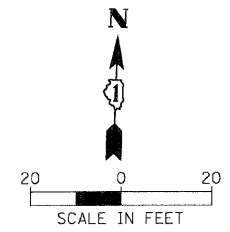
PLAN

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

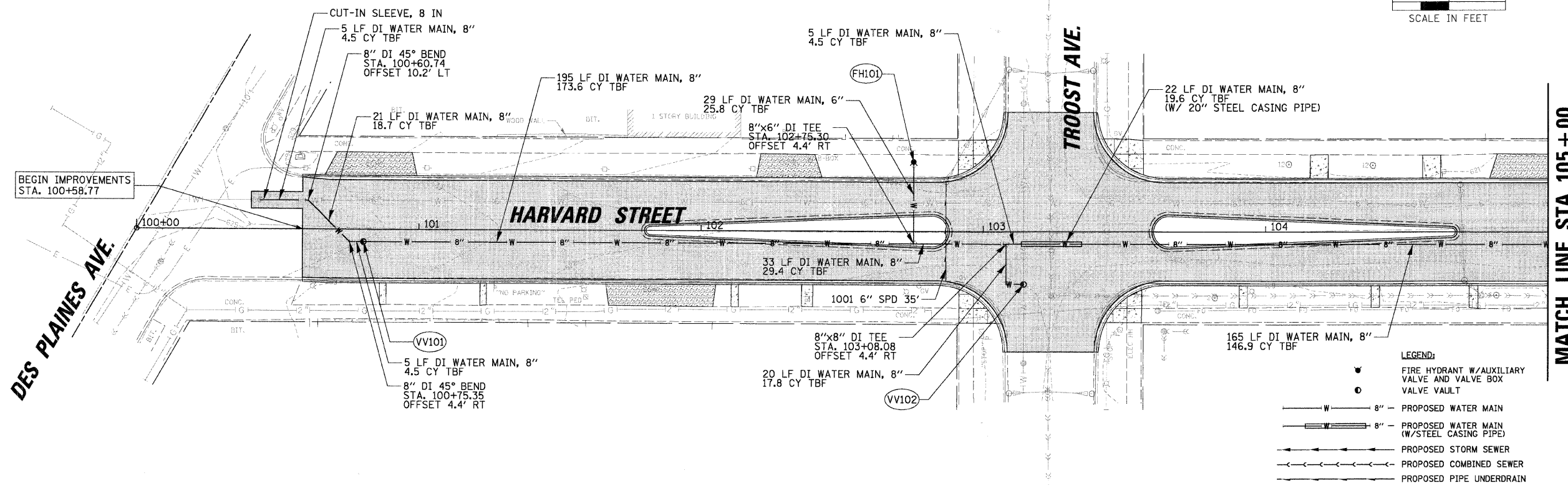
PROFILE

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	



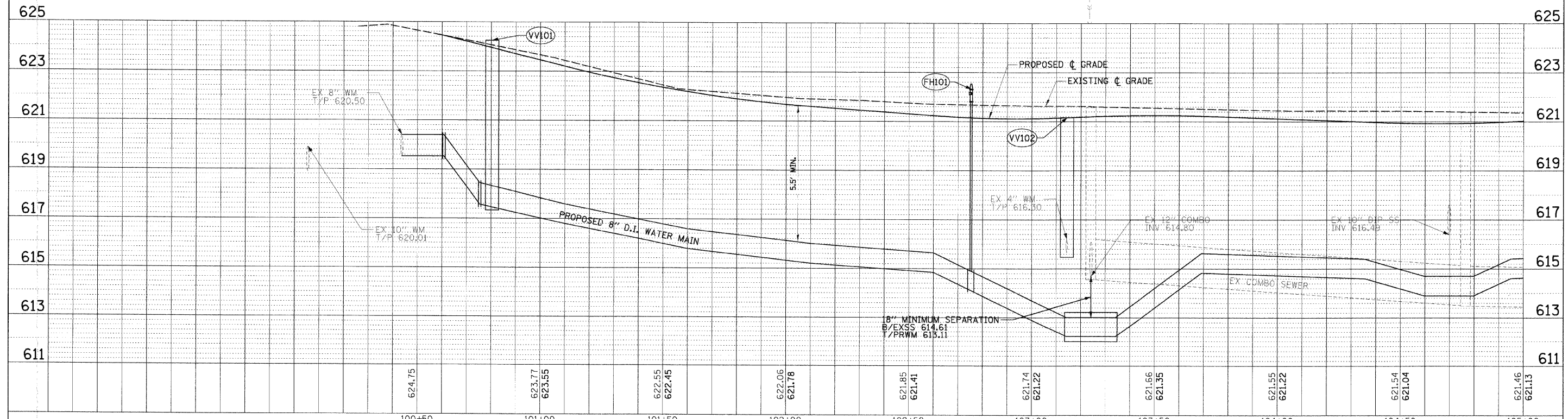


PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	

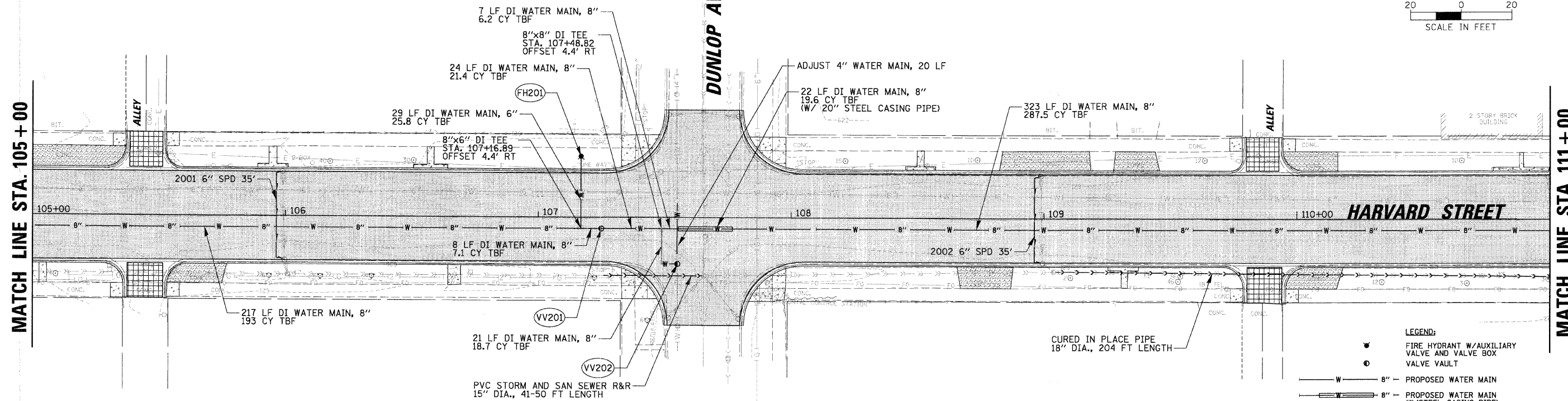
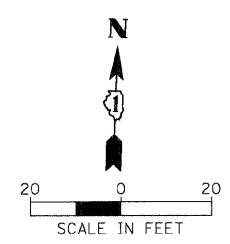


- LEGEND:**
- FIRE HYDRANT W/AUXILIARY VALVE AND VALVE BOX
  - VALVE VAULT
  - W — 8" — PROPOSED WATER MAIN
  - W — 8" — PROPOSED WATER MAIN (W/STEEL CASING PIPE)
  - S — PROPOSED STORM SEWER
  - CS — PROPOSED COMBINED SEWER
  - U — PROPOSED PIPE UNDERDRAIN

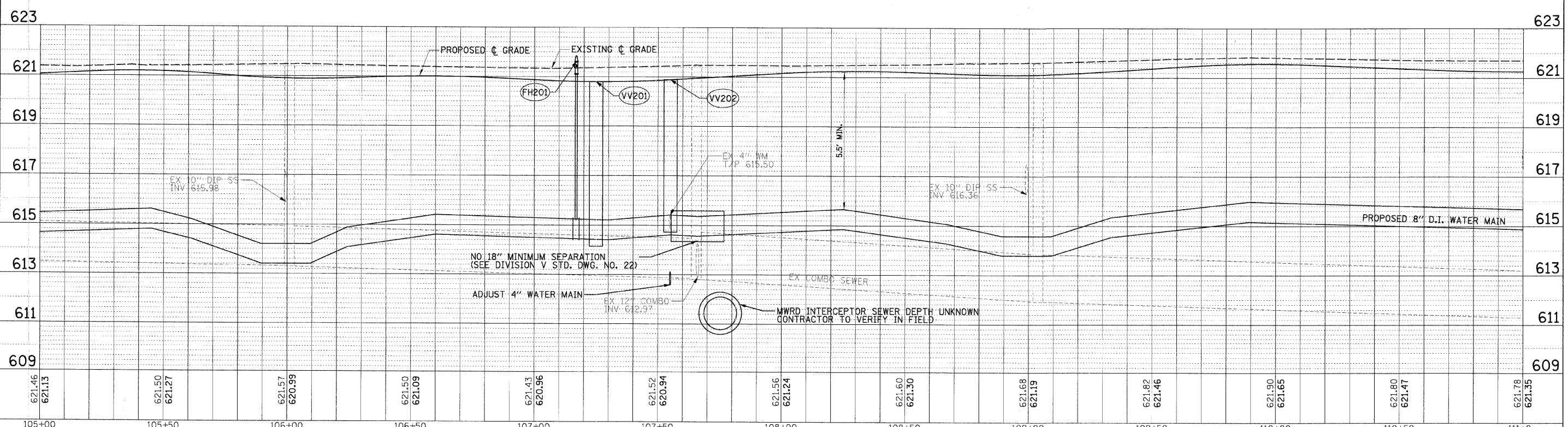
PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	



FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES PLAN AND PROFILE - HARVARD STREET STA. 100+00.00 TO STA. 105+00.00</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\FORESTPARK\070002\Civil\1\DP-070002-01.DWG	PLLOT SCALE = 20'	DRAWN -	REVISED -			1702	07-00106-00-PV	COOK	75	22	
PLLOT DATE = 2/18/2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 63148					
		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



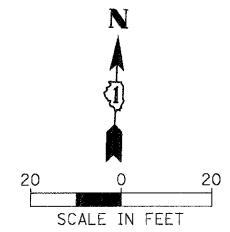
- LEGEND:**
- FIRE HYDRANT W/AUXILIARY VALVE AND VALVE BOX
  - VALVE VAULT
  - 8" - PROPOSED WATER MAIN
  - 8" - PROPOSED WATER MAIN (W/STEEL CASING PIPE)
  - PROPOSED STORM SEWER
  - PROPOSED COMBINED SEWER
  - PROPOSED PIPE UNDERDRAIN



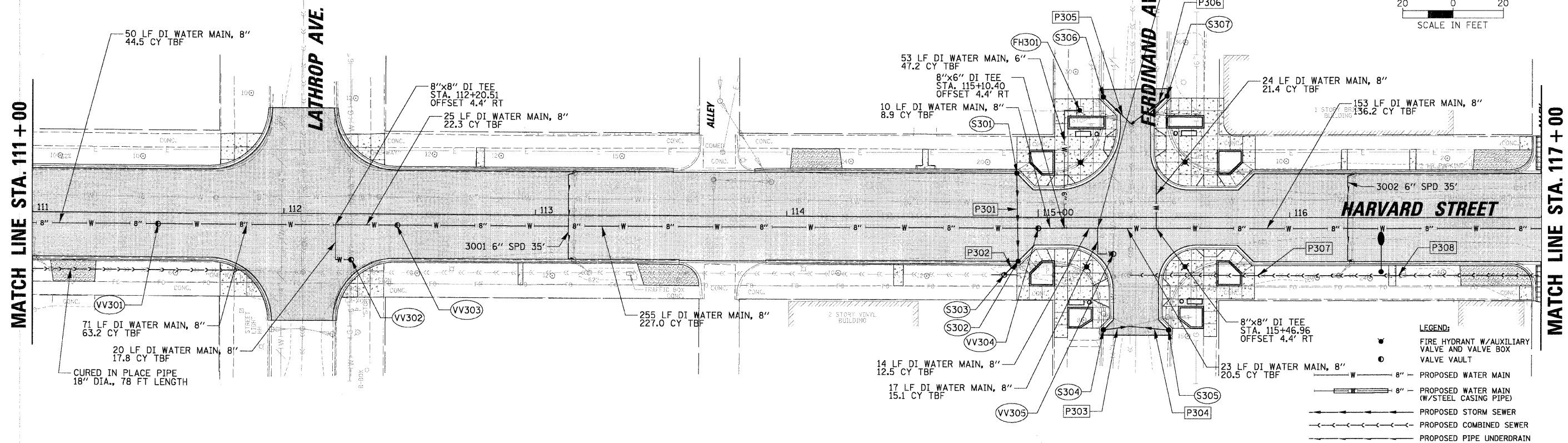
PLAN	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	

PROFILE	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	

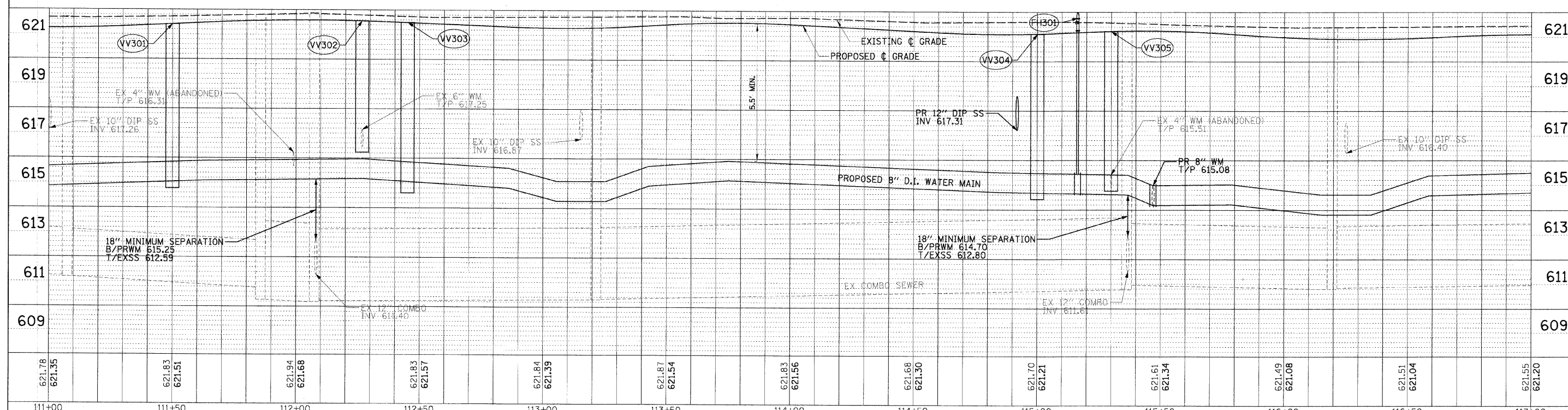
FILE NAME = N:\FORESTPARK\W\082\CV\1\NDPP_070802_22.DWT	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES PLAN AND PROFILE - HARVARD STREET STA. 105+00.00 TO STA. 111+00.00</b>	F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 23
PLOT SCALE = 20'	CHECKED -	REVISED -	CONTRACT NO. 63148							
PLOT DATE = 2/18/2009	DATE -	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
						SCALE:	SHEET NO. OF SHEETS	STA. TO STA.		



DATE	
BY	
DESIGNED	
CHECKED	
PLANNED	
NOTED	
FILE NAME	
NO.	

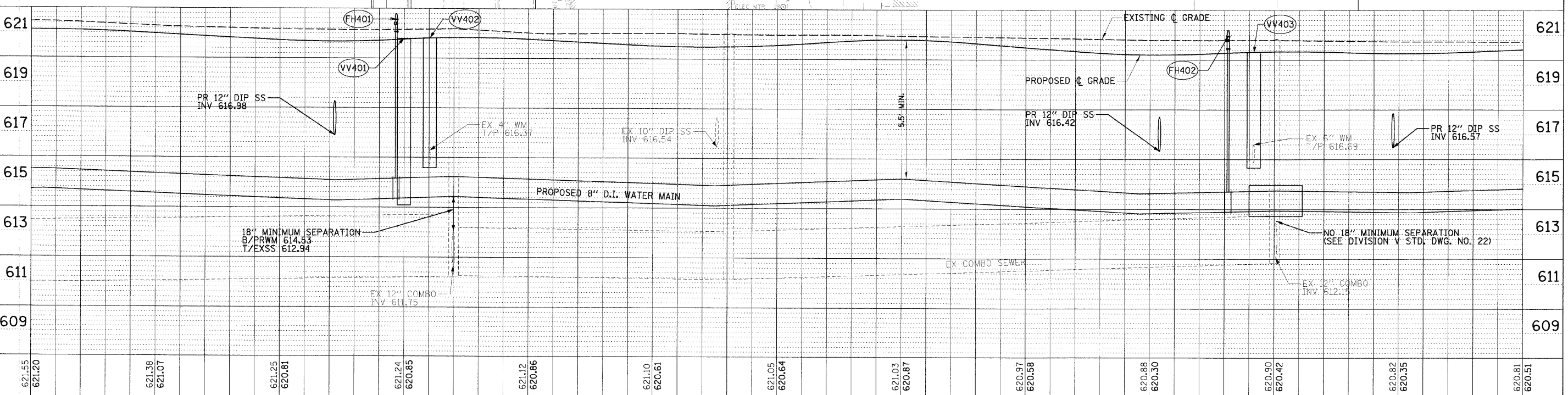
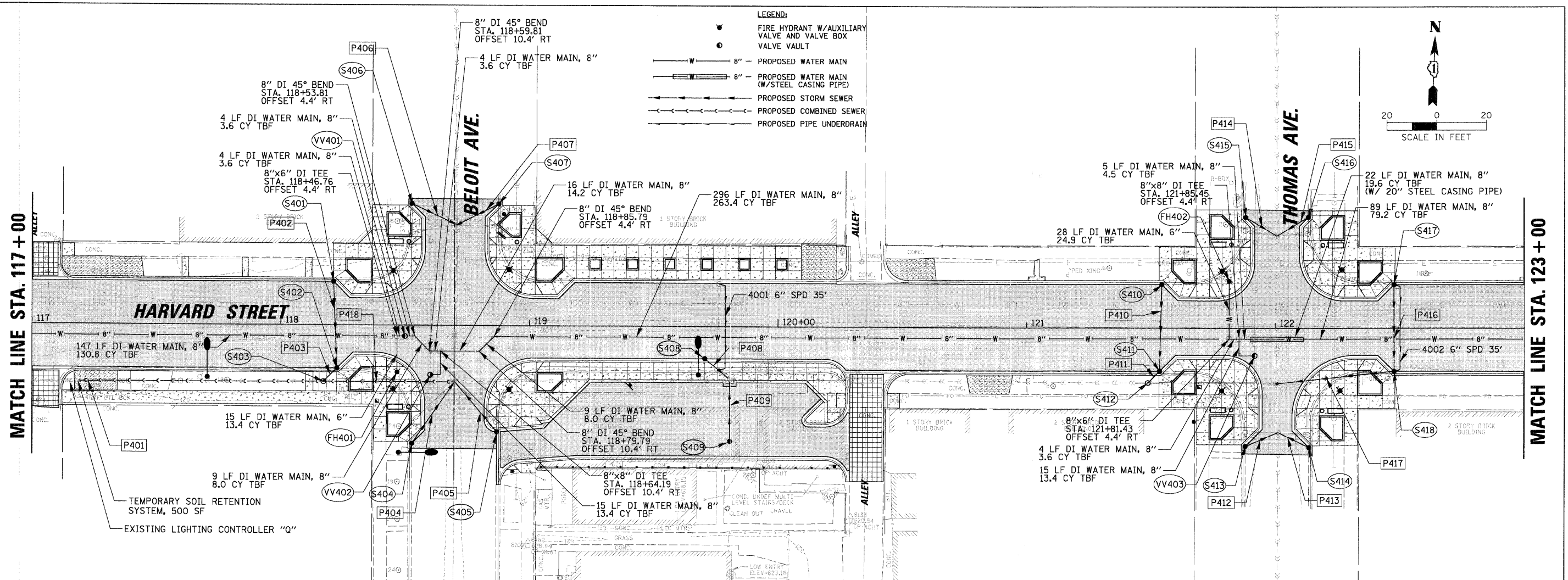


DATE	
BY	
DESIGNED	
CHECKED	
PLANNED	
NOTED	
FILE NAME	
NO.	



FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES PLAN AND PROFILE - HARVARD STREET</b> <b>STA. 111+00.00 TO STA. 117+00.00</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
No: F0RESTPARK\270092\Civil\NDPP_070MR2_03.DWT	PLLOT SCALE = 20'	DRAWN -	REVISED -			1702	07-00106-00-PV	COOK	75	24	
PLLOT DATE = 2/18/2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 63148					
		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

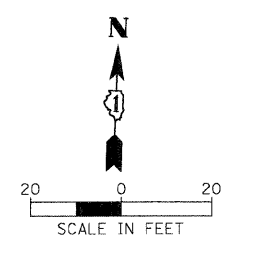




621.55 621.20	621.38 621.07	621.25 620.81	621.24 620.85	621.12 620.86	621.10 620.61	621.05 620.64	621.03 620.87	620.97 620.58	620.88 620.30	620.90 620.42	620.82 620.35	620.81 620.51
117+00	117+50	118+00	118+50	119+00	119+50	120+00	120+50	121+00	121+50	122+00	122+50	123+00

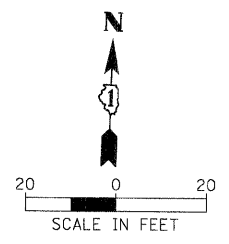
FILE NAME = N:\FORESTPARK\070202\Civil\DDP_070202_24.DWG	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES PLAN AND PROFILE - HARVARD STREET</b> <b>STA. 117+00.00 TO STA. 123+00.00</b>							
PLOT SCALE = 20'	CHECKED -	REVISOR -	F.A.U. RTE. = 1702									
PLOT DATE = 2/18/2009	DATE -	REVISED -	SECTION = 07-00106-00-PV									
			COUNTY = COOK									
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 63148		
										FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT		



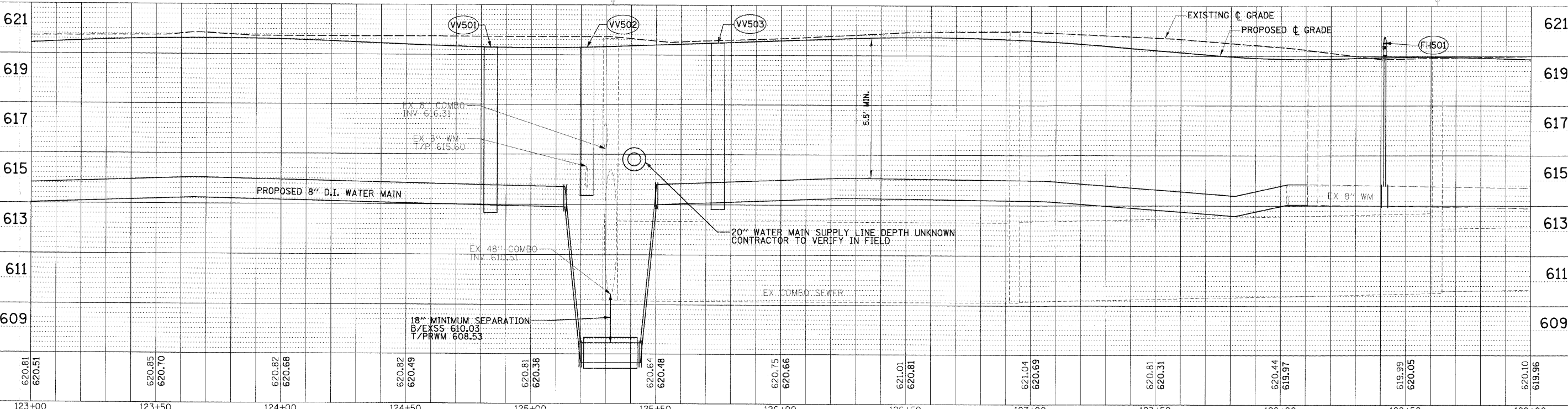
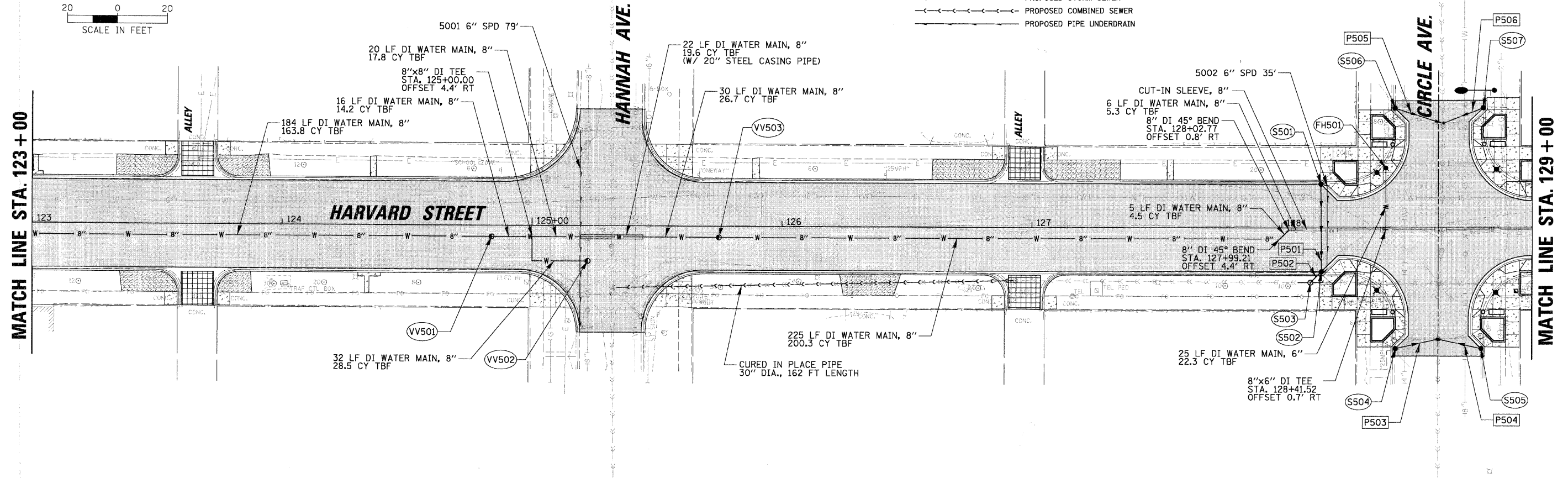
DATE	BY	DATE	BY

DATE	BY	DATE	BY



- LEGEND:**
- FIRE HYDRANT W/AUXILIARY VALVE AND VALVE BOX
  - VALVE VAULT
  - PROPOSED WATER MAIN
  - PROPOSED WATER MAIN (W/STEEL CASING PIPE)
  - PROPOSED STORM SEWER
  - PROPOSED COMBINED SEWER
  - PROPOSED PIPE UNDERDRAIN



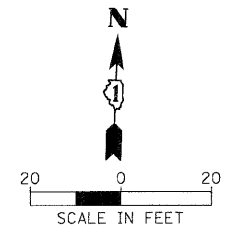
**PLAN**

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

**PROFILE**

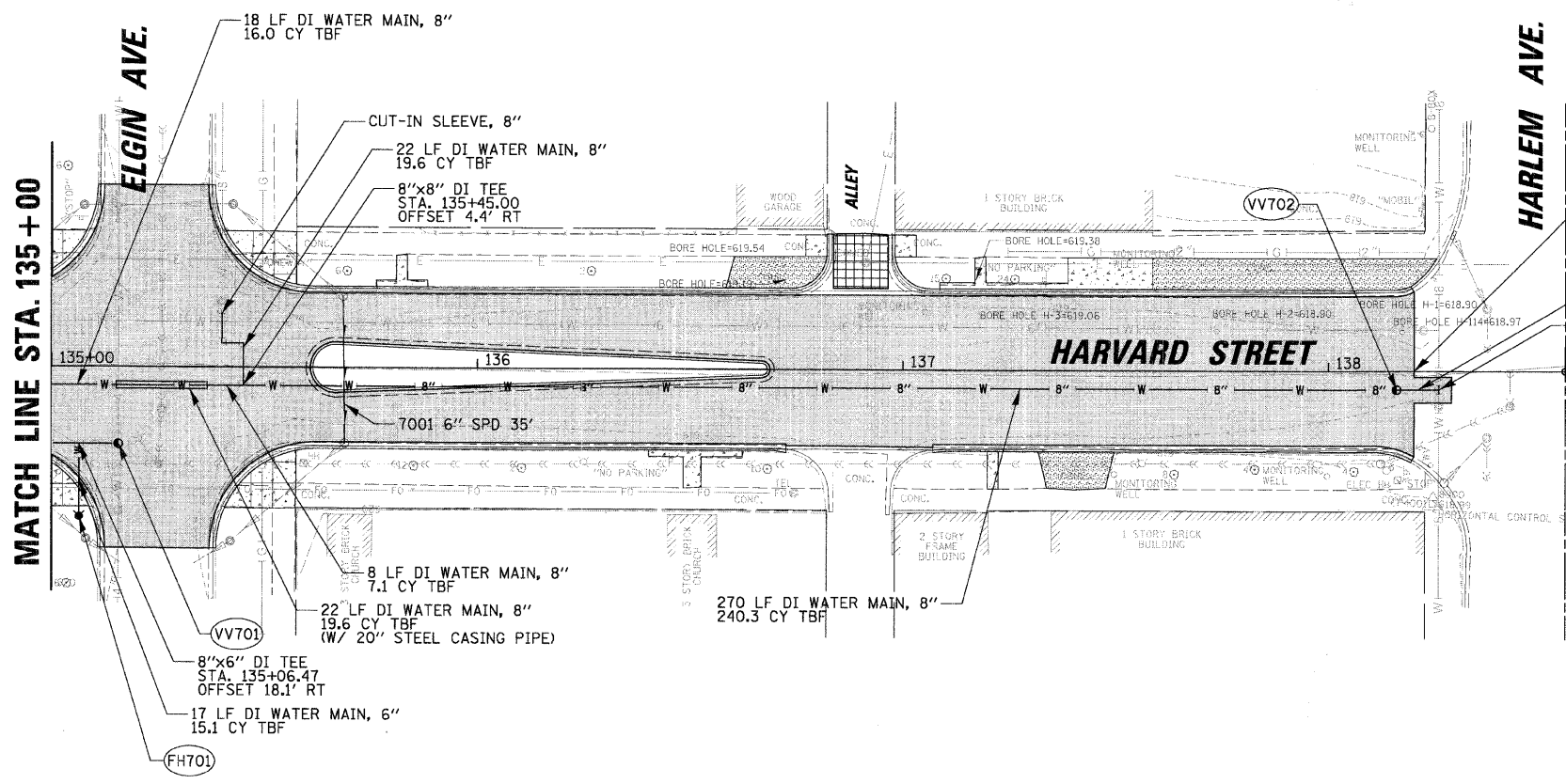
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	





PLAN	DATE
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

PROF. ILL.	DATE
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

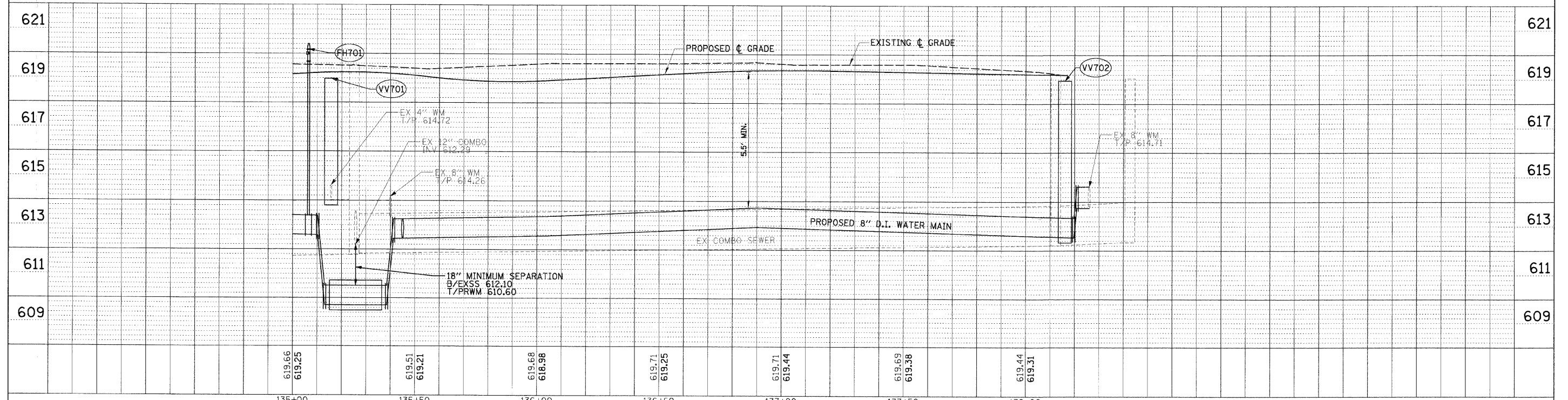


END IMPROVEMENTS  
STA. 138+20.11

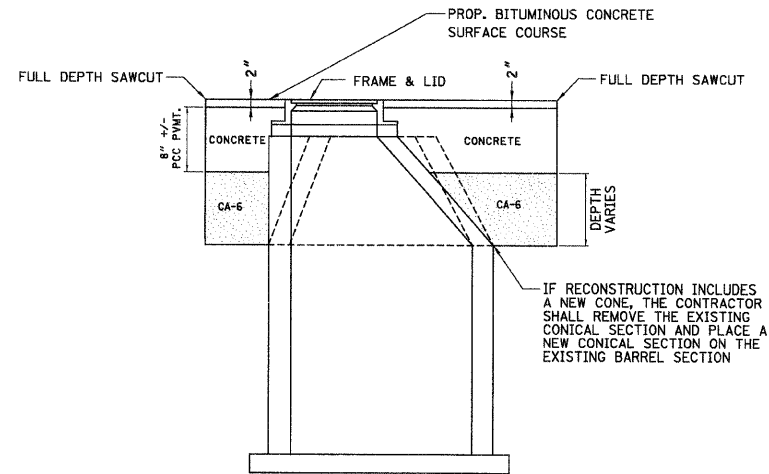
10 LF DI WATER MAIN, 8"  
8.9 CY TBF

8"x8" DI TEE  
STA. 138+25.98  
OFFSET 4.4' RT

- LEGEND:**
- FIRE HYDRANT W/AUXILIARY VALVE AND VALVE BOX
  - VALVE VAULT
  - 8" - PROPOSED WATER MAIN
  - 8" - PROPOSED WATER MAIN (W/STEEL CASING PIPE)
  - PROPOSED STORM SEWER
  - PROPOSED COMBINED SEWER
  - PROPOSED PIPE UNDERDRAIN



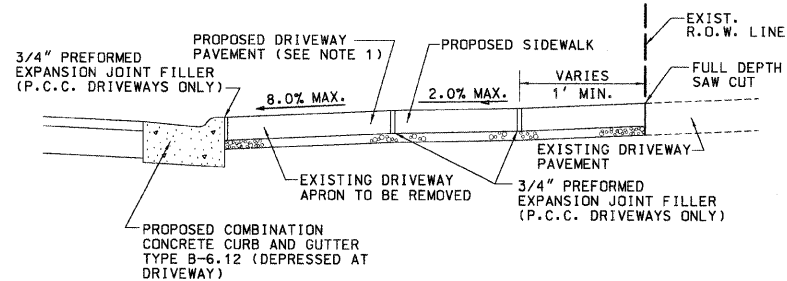
FILE NAME = N:\FORESTPARK\070082\Civil\DDP_070082_07.dwg	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES PLAN AND PROFILE - HARVARD STREET STA. 135+00.00 TO STA. 138+20.11</b>	F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 28		
PLOT SCALE = 20'	CHECKED -	REVISED -	SCALE: _____			SHEET NO. _____	OF _____	SHEETS _____	STA. _____	TO STA. _____	CONTRACT NO. 63148	
PLOT DATE = 2/18/2009	DATE -	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT									



ELEVATION

PAVEMENT PATCHING  
(INCIDENTAL TO REMOVAL AND  
RECONSTRUCTION OF STRUCTURES)

N.T.S.

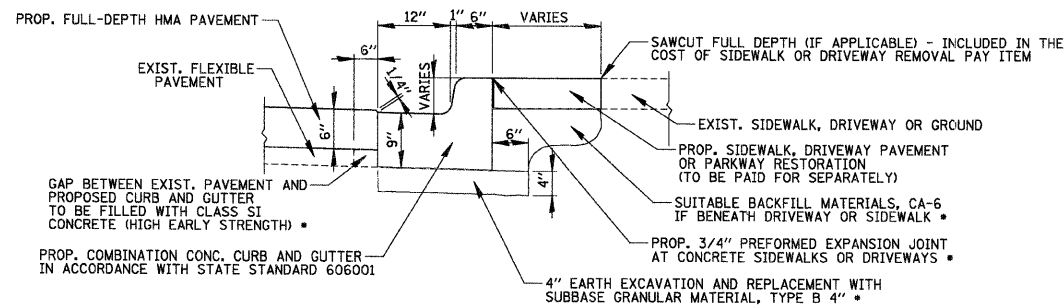


NOTES:

1. THE PROPOSED DRIVEWAY PAVEMENT SHALL CONSIST OF:  
A) 7" PORTLAND CEMENT CONCRETE AND 4" OF AGGREGATE BASE COURSE TYPE B IF THE EXISTING DRIVEWAY IS P.C. CONCRETE, OR
2. PREFORMED EXPANSION JOINT FILLER SHALL BE CONSIDERED INCIDENTAL TO P.C.C. DRIVEWAY PAVEMENT, OR

SECTION  
TYPICAL DRIVEWAY DETAILS

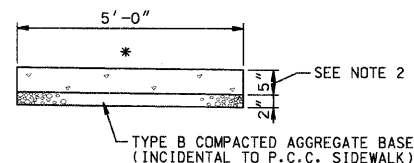
N.T.S.



NOTE:  
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 REMOVAL OR CURB AND GUTTER REMOVAL.

COMBINATION CURB AND GUTTER ADJACENT TO EXIST. PAVEMENT AND/OR SIDEWALK

N.T.S.



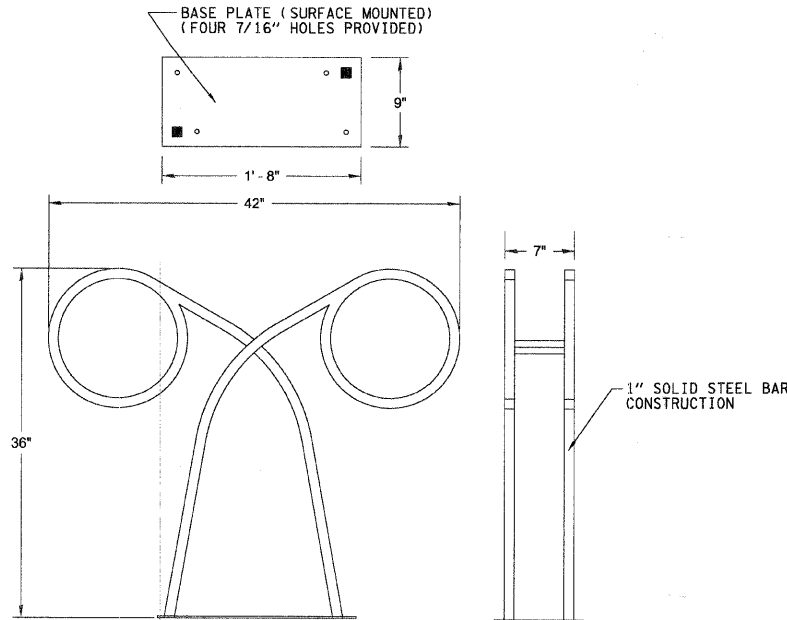
\* CROSS SLOPE 2% OR AS SHOWN ON CROSS SECTIONS

NOTES:

1. ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE INCIDENTAL TO THE P.C.C. SIDEWALK 5 INCH, SPECIAL.
2. THICKNESS SHALL BE INCREASED TO 7" WHERE SIDEWALK IS ADJACENT TO A CONCRETE DRIVEWAY. (COST INCIDENTAL)

P.C.C. SIDEWALK 5 INCH, SPECIAL

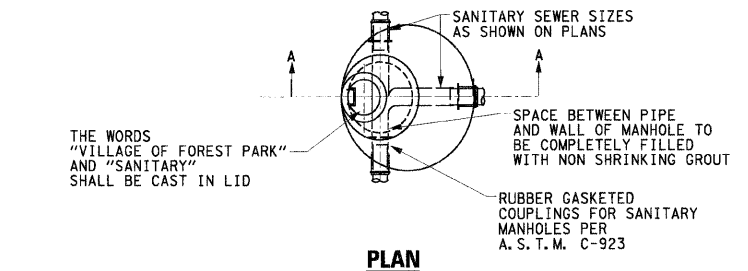
N.T.S.



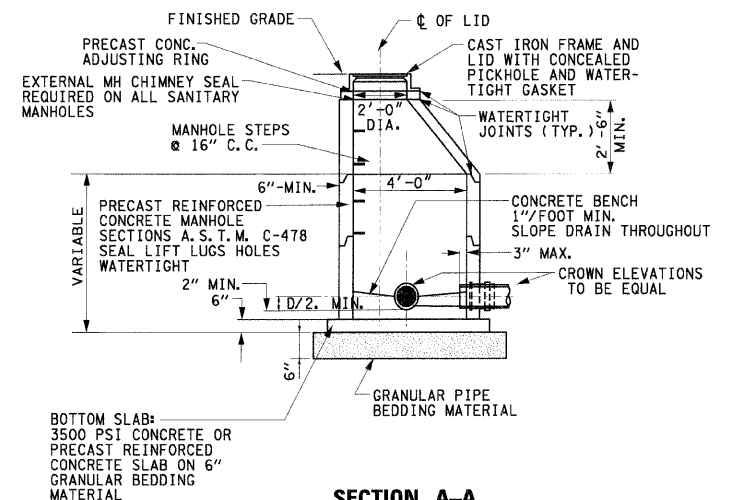
NOTES: (1) IRONSMITH OASIS MODEL BR1 BIKE RACK OR APPROVED EQUAL. PRIOR TO ORDERING, CONTRACTOR SHALL SUBMIT MANUFACTURER'S TECHNICAL DATA, INCLUDING CERTIFICATION THAT EACH PRODUCT COMPLIES WITH THE SPECIFIED REQUIREMENTS. SUBMITTAL MUST SHOW COMPLETE DIMENSIONING AS WELL AS THE ANCHORING DETAIL.

BICYCLE RACKS DETAIL

N.T.S.



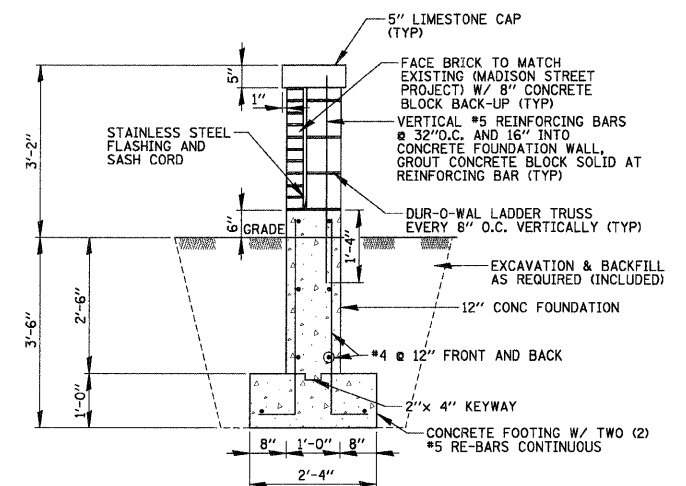
PLAN



SECTION A-A

STANDARD SANITARY MANHOLE

N.T.S.



NOTE: 1. PLACE 3/4" EXPANSION JOINTS AT 40' CENTERS.

WALL DETAIL

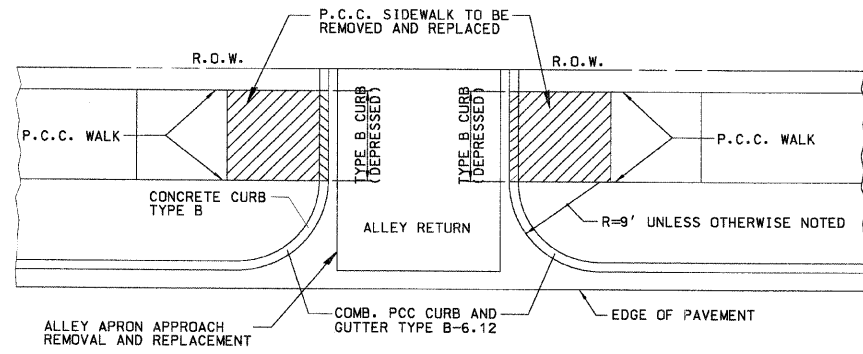
N.T.S.

FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -
N:\FORESTPARK\070002\C.V.I\DET_070002.SHT		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

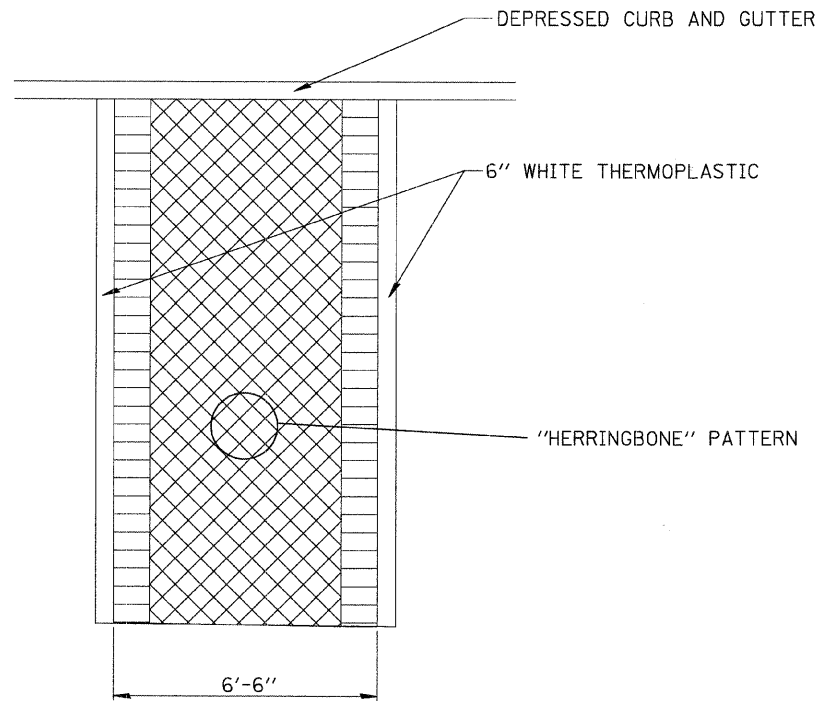
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS - HARVARD STREET			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

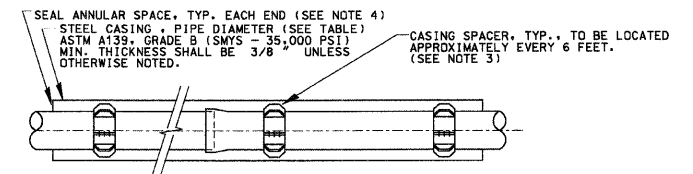
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	29
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TYPICAL ALLEY RETURN  
N.T.S.



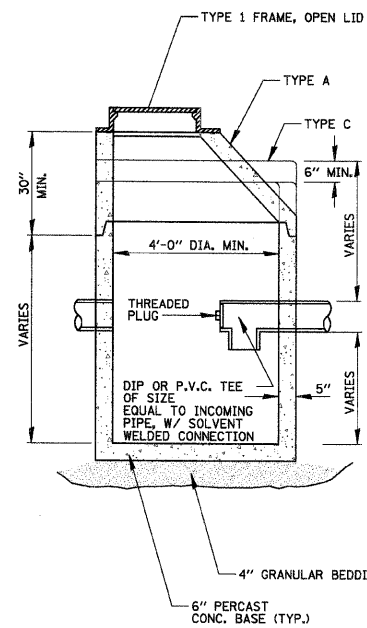
PATTERN STAMPED CROSSWALKS  
N.T.S.



CARRIER PIPE DIA.	STEEL CASING PIPE DIA.
8"	20"

- NOTES:
- STEEL CASING SHALL BE ONE CONTINUOUS SECTION
  - SMYS - SPECIFIC MINIMUM YIELD STRENGTH
  - CASING SPACERS TO BE CASCADE MODEL CSS OR APPROVED EQUAL.
  - CASING END SEALS TO BE CASCADE MODEL CCES END SEALS OR APPROVED EQUAL. MORTARING OF CASING ENDS SUBJECT TO PRE-APPROVAL.
  - FOR WATERMAIN ALL PUSH JOINTS IN CASING SHALL HAVE "FIELD LOCK GASKETS".

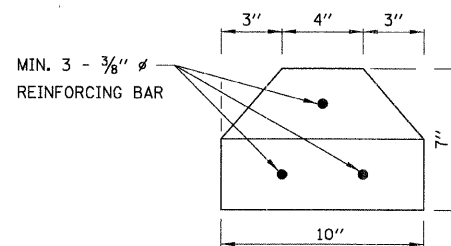
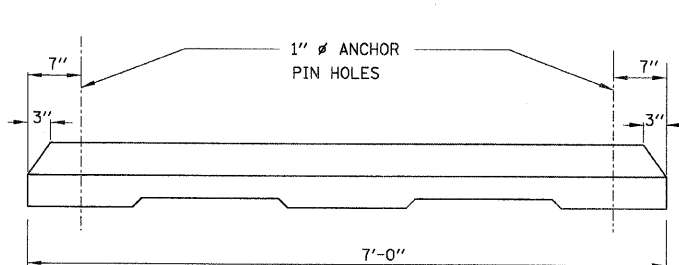
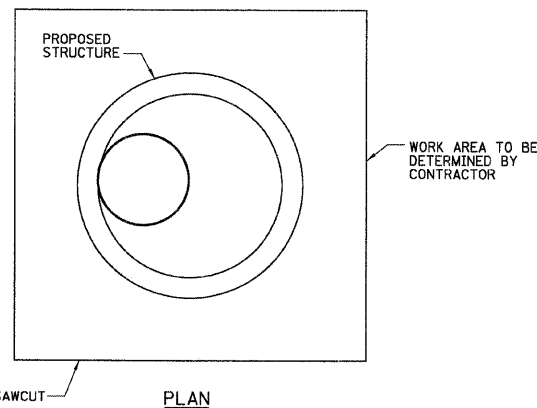
STEEL CASING PIPE DETAIL  
N.T.S.



CATCH BASIN TYPE A WITH HALF TRAP

NOTE: INSTALL P.V.C. OR DIP TEE ON PIPES CONNECTION TO COMBINED OR RELIEF MANHOLES ONLY.

N.T.S.



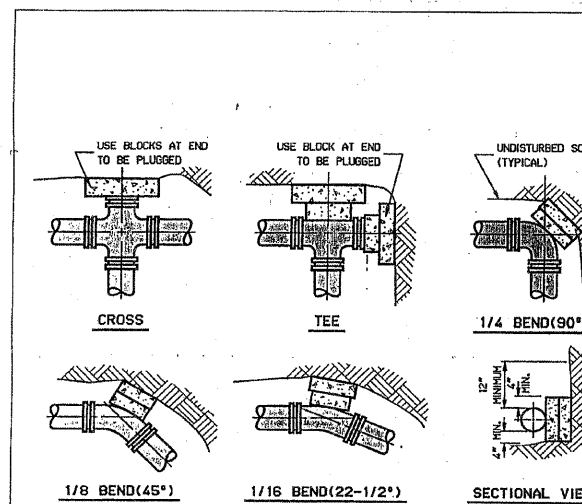
PRECAST CONCRETE PARKING BLOCK

N.T.S.

NOTES:

ANCHOR PINS SHALL BE 3/4" DIAMETER, 3' LONG.

CLASS PC CONCRETE SHALL BE USED THROUGHOUT.



GENERAL NOTES:

- THRUST BLOCKS TO BE USED AT 1/16 (22-1/2°) OR GREATER BENDS AND AT ALL ENDS TO BE PLUGGED.
- THRUST BLOCKS TO BE CONCRETE BLOCKS PLACED AGAINST FIRM, UNDISTURBED SOIL.

EDWIN HANCOCK ENGINEERING COMPANY  
B. E.  
2281/2009

THRUST BLOCK DETAIL  
DIVISION XII DRAWING NO. 7

VILLAGE OF FOREST PARK  
WATER MAIN SYSTEM  
SUPPLEMENTAL DETAILS

FILE NAME = N:\FORESTPARK\070082\Civil\DET_070082_02.SHT	USER NAME = JBARNETT	DESIGNED -	REVISED -
PLOT SCALE = N.T.S.	PLOT DATE = 2/18/2009	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

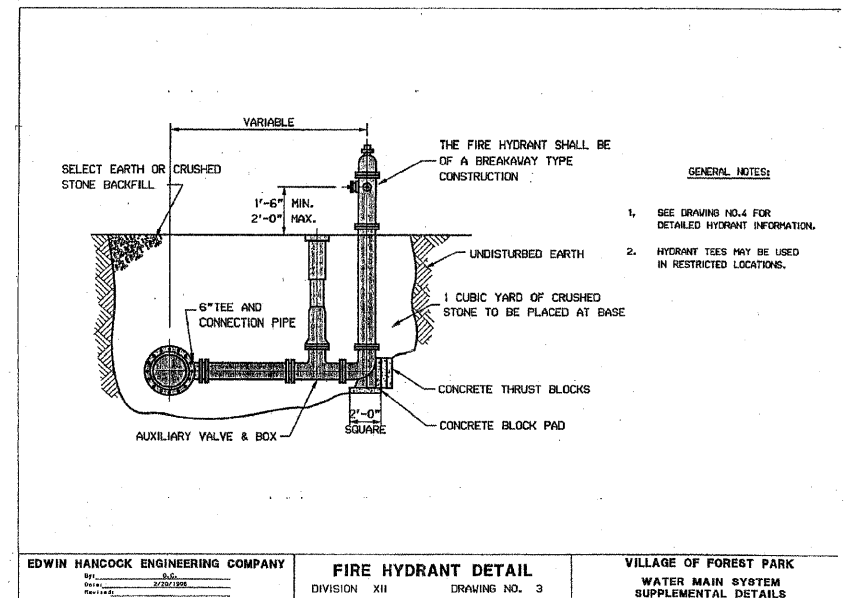
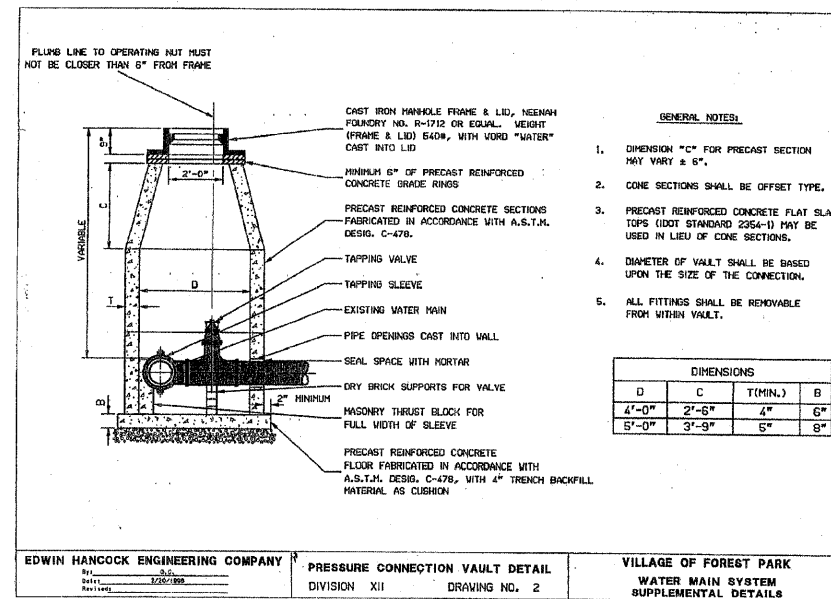
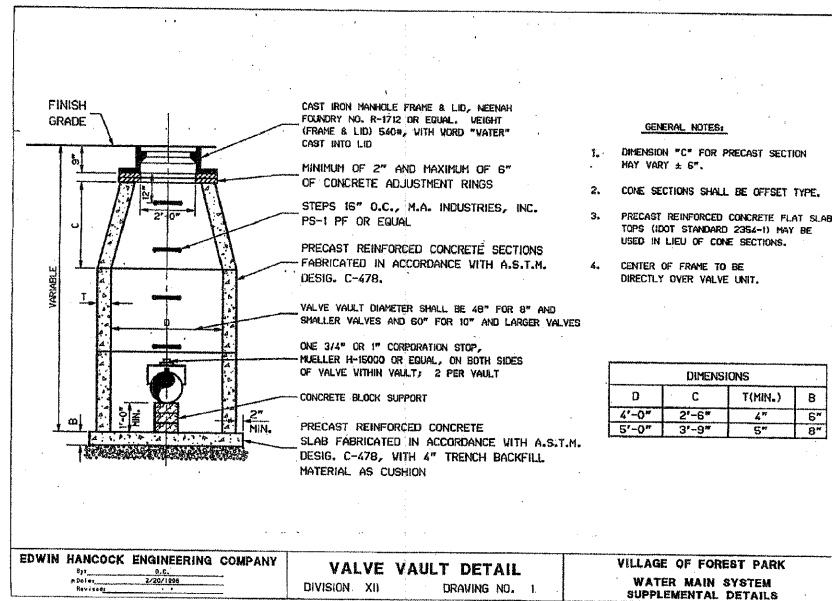
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS - HARVARD STREET

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

F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 30
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

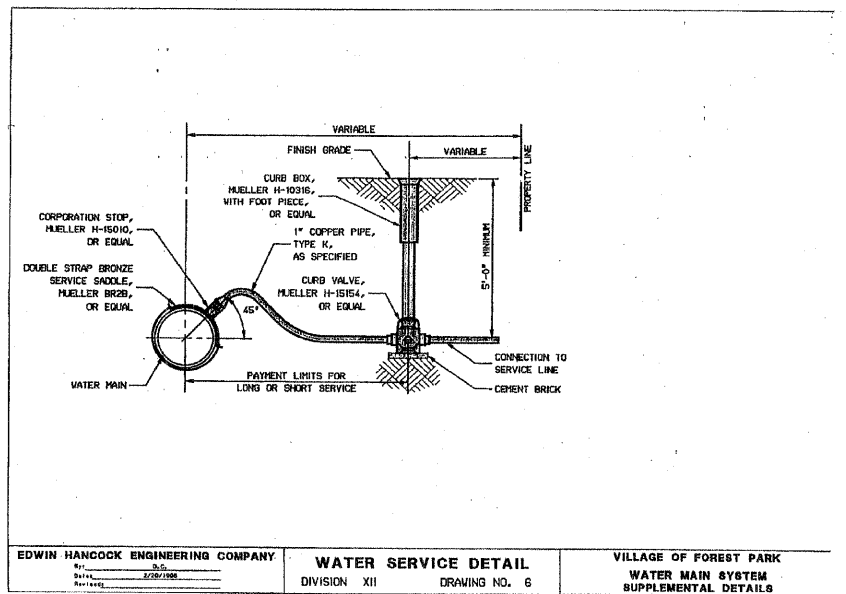
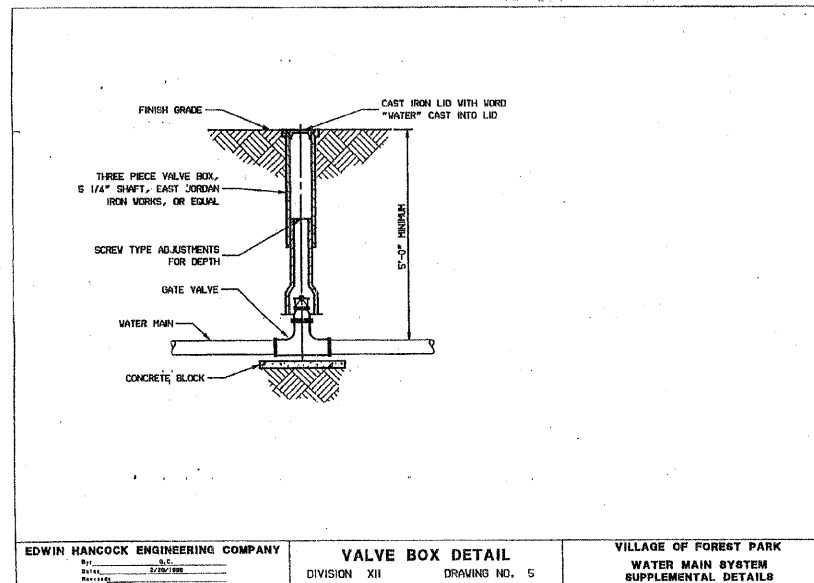
CONTRACT NO. 63148



**VILLAGE OF FOREST PARK WATER DEPARTMENT**

HYDRANT MANUFACTURER	WATEROUS PACER VB-67
CONSTRUCTION	BREAKAWAY
MAIN VALVE OPENING	5 1/4"
NUMBER OF 2 1/2" HOSE NOZZLES	TWO
SIZE OF PUMPER NOZZLE	4"
TYPE OF INLET CONNECTION	FLANGED WITH AUXILIARY VALVE
SIZE OF INLET CONNECTION	6"
DEPTH OF BURY	5'-6"
DIRECTION OF OPENING	LEFT
SIZE OF OPERATING NUT	1 1/2"
HOSE AND PUMPER THREAD	NATIONAL STANDARD
COLOR	YELLOW
PACKING	CONVENTIONAL

**EDWIN HANCOCK ENGINEERING COMPANY**  
 FIRE HYDRANT INFORMATION  
 DIVISION XII DRAWING NO. 4  
 VILLAGE OF FOREST PARK  
 WATER MAIN SYSTEM  
 SUPPLEMENTAL DETAILS



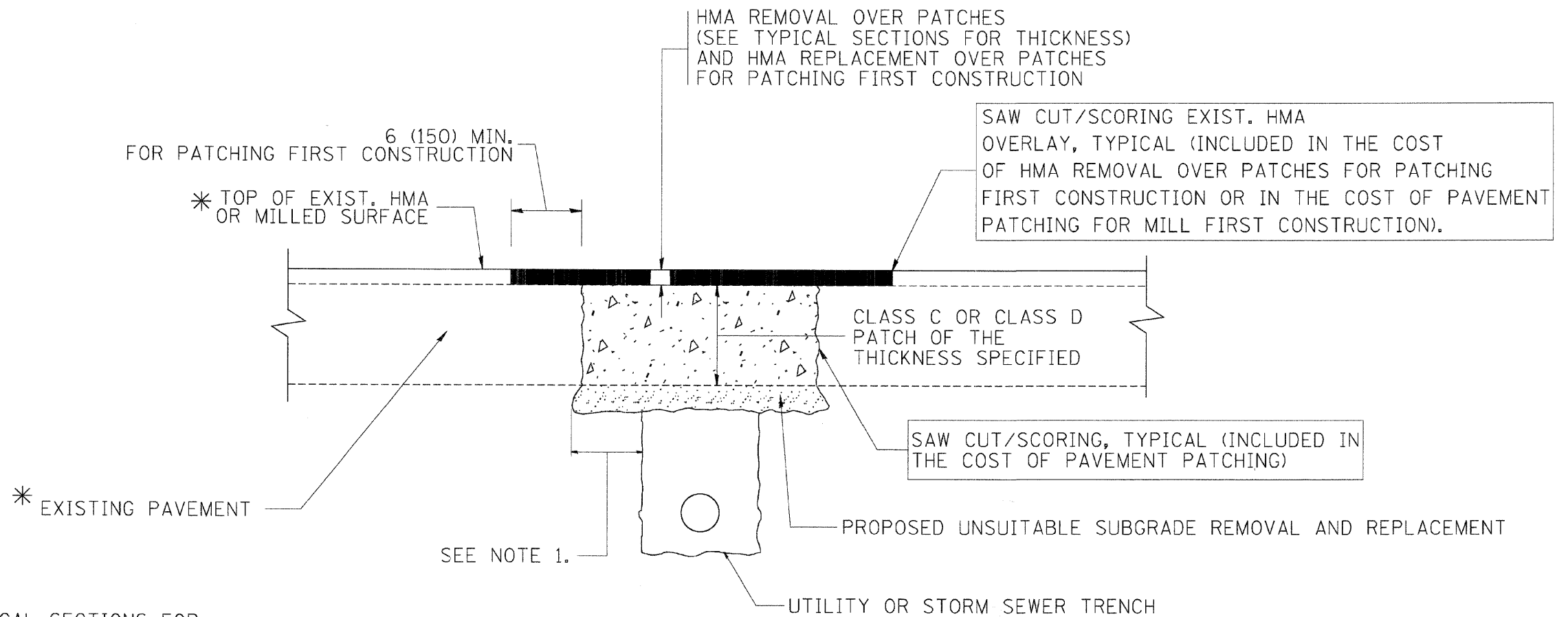
FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -
N:\FORESTPARK\070082\Civil\DET_070082_03.SHT		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS - HARVARD STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	31
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME = c:\proj\secta\c1\state22\34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 09-04-07
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			75	32
BD400-04 (BD-22)			CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

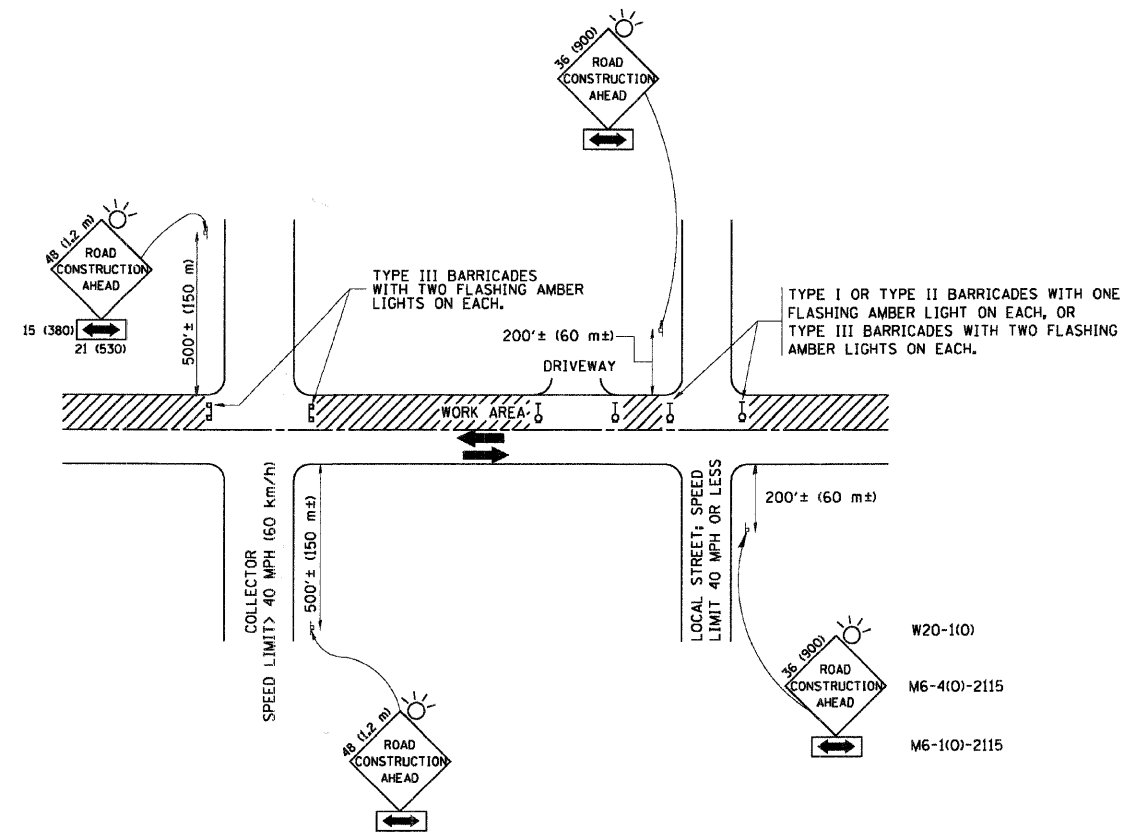
FILE NAME = N:\FORESTPARK\070202\Civil\DET_070002.dgn	USER NAME = JBARNETT	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 200'	CHECKED -	REVISED -
	PLOT DATE = 2/18/2009	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS - HARVARD STREET	
SCALE:	SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	32
			CONTRACT NO. 63148	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





**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. 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:\diststd\22x34\vc10.dgn	USER NAME = gajlonabt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000 1/4 IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

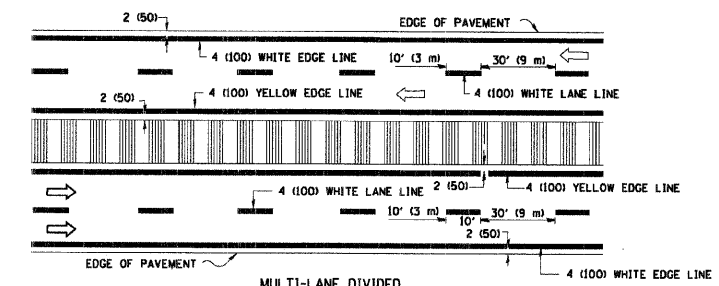
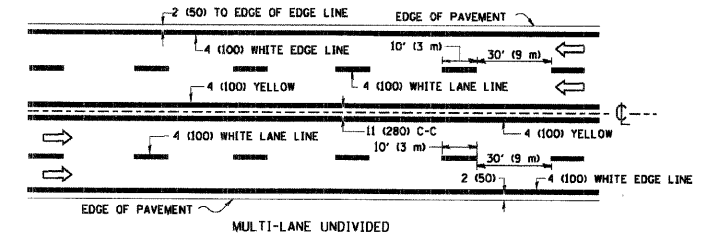
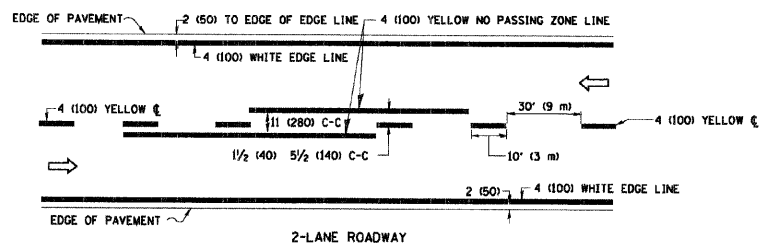
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-10			CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = N:\FORESTPARK\070082\Civil\DET_070082_05.SHT	USER NAME = JBARNETT	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 200'	CHECKED -	REVISED -
	PLOT DATE = 2/18/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

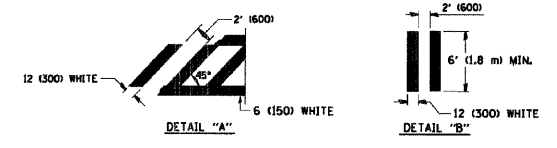
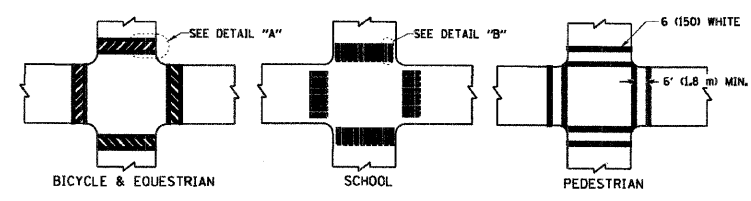
**CONSTRUCTION DETAILS - HARVARD STREET**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	33
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

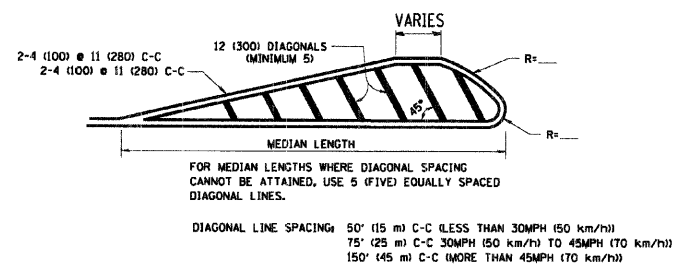
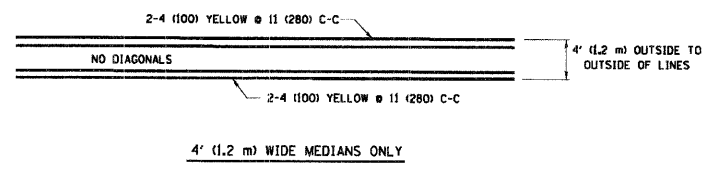


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

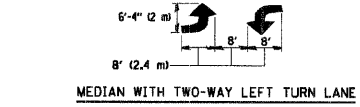
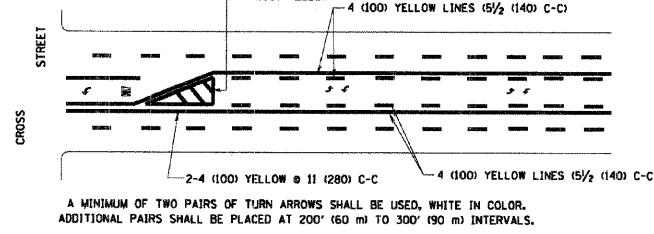
TYPICAL LANE AND EDGE LINE MARKING



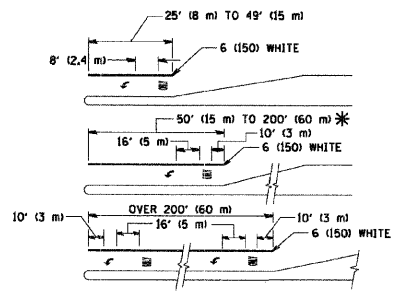
TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING

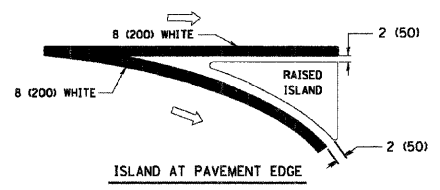
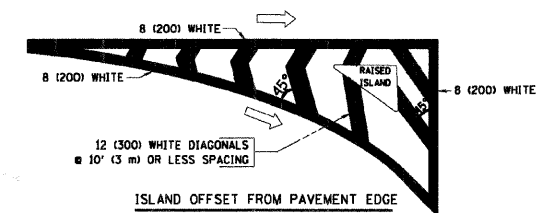


TYPICAL TURN LANE MARKING



FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
 \* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE, FULL SIZE LETTERS & SYMBOLS 18" (2.4m)	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL))	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' (4.5 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
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 = W:\distcd\22x34\1013.dgn	USER NAME = geglienobt	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
		DRAWN -	REVISED - A. HOUSEH 10-09-96
	PLOT SCALE = 50.000 "/ IN.	CHECKED -	REVISED - A. HOUSEH 10-17-96
	PLOT DATE = 1/4/2008	DATE - 03-19-90	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1	SHEETS	STA. TO STA.

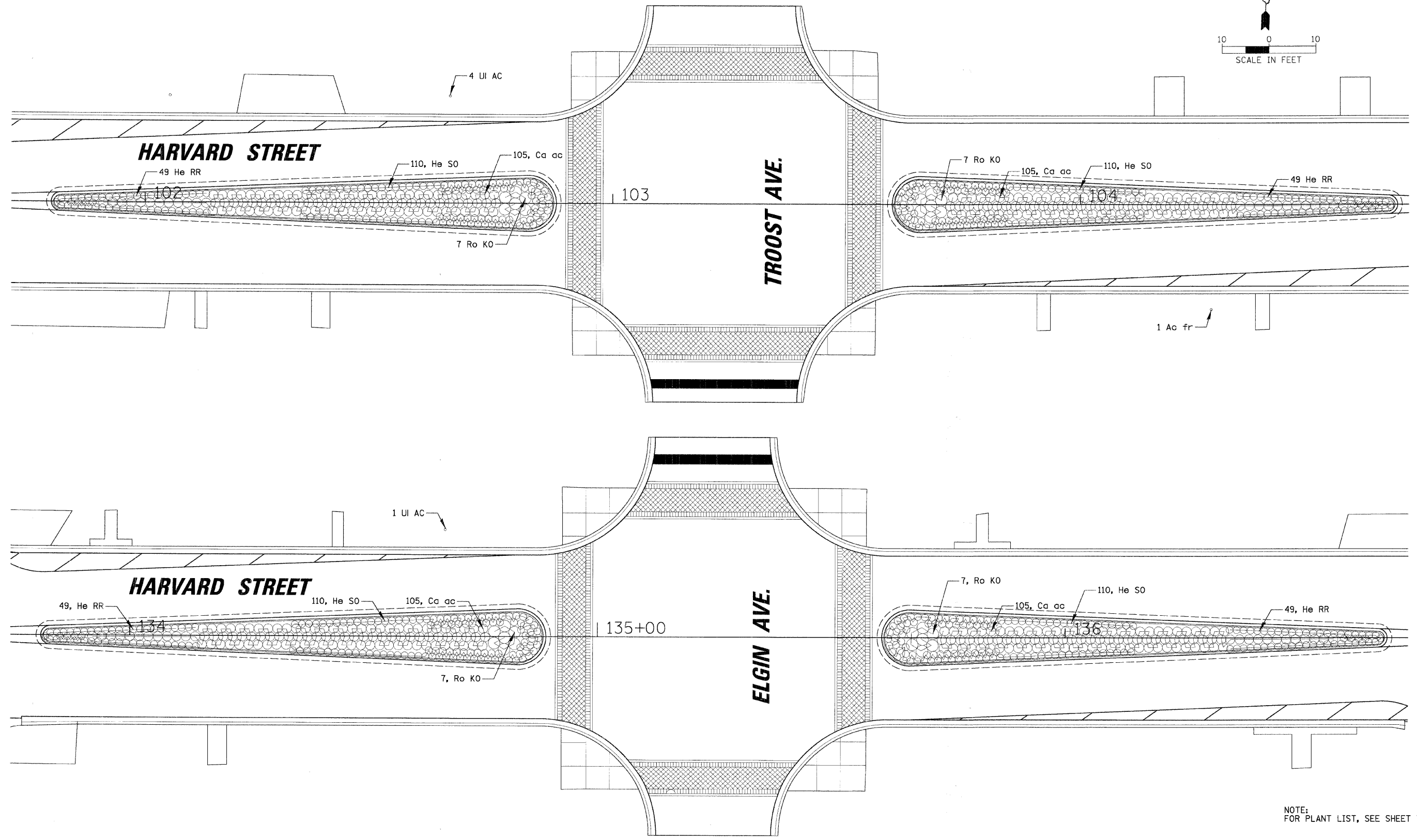
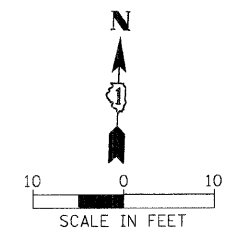
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-13		75	34
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

FILE NAME = N:\FORESTPARK\070082\1\INDET_070082_05.SHT	USER NAME = JBARNETT	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 200'	CHECKED -	REVISED -
	PLOT DATE = 2/19/2009	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS - HARVARD STREET			
SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	34
CONTRACT NO. 63148				



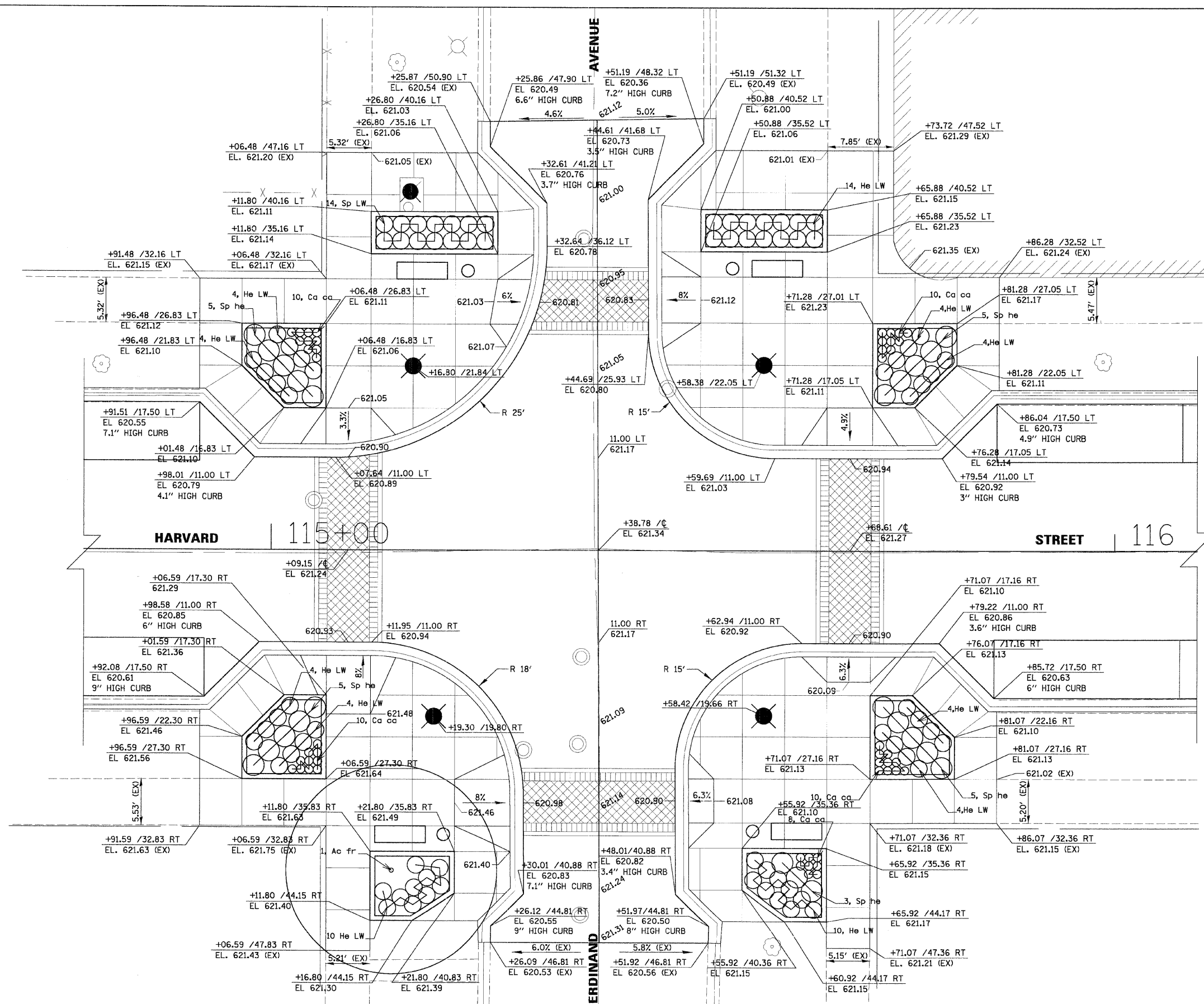
NOTE:  
FOR PLANT LIST, SEE SHEET 7.

FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -
N:\FORESTPARK\070082\Civil\ISP_070082_01.SHT		DRAWN -	REVISED -
PLOT SCALE = 1/8"		CHECKED -	REVISED -
PLOT DATE = 2/18/2009		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>GATEWAY LANDSCAPING DETAILS</b>				
SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	35
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
- TEXTURED PAVEMENT
  - BENCH WITH BACK
  - BICYCLE RACKS
  - TRASH RECEPTACLE
  - LIGHT POLE AND LUMINAIRE, ORNAMENTAL
  - PROPOSED HANDHOLE

NOTE:  
FOR PLANT LIST, SEE SHEET 7.

FILE NAME = N:\FOREST\PAK\070002\Civil\INT_070002.D	USER NAME = JBARNETT	DESIGNED -	REVISED -
PLOT SCALE = 6"	CHECKED -	REVISIED -	REVISIED -
PLOT DATE = 2/18/2009	DATE -	REVISIED -	REVISIED -

DESIGNED -	REVISED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

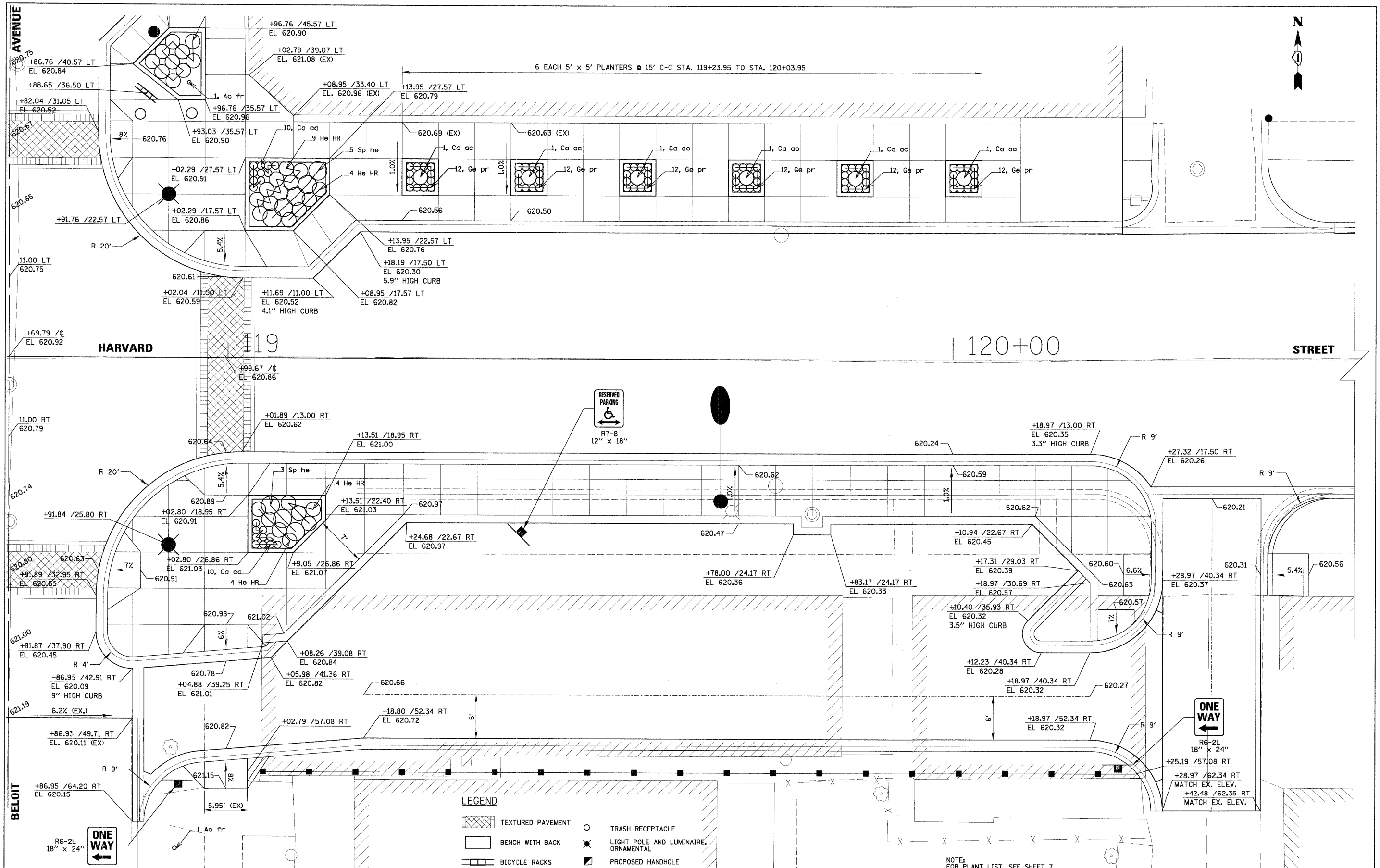
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION PAVING AND LANDSCAPING DETAIL  
FERDINAND AVENUE**

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

F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 36
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				





FILE NAME = N:\FORCSTPARK\070002\CV\INTL\070002\_02.sht  
 USER NAME = JSBARNETT  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

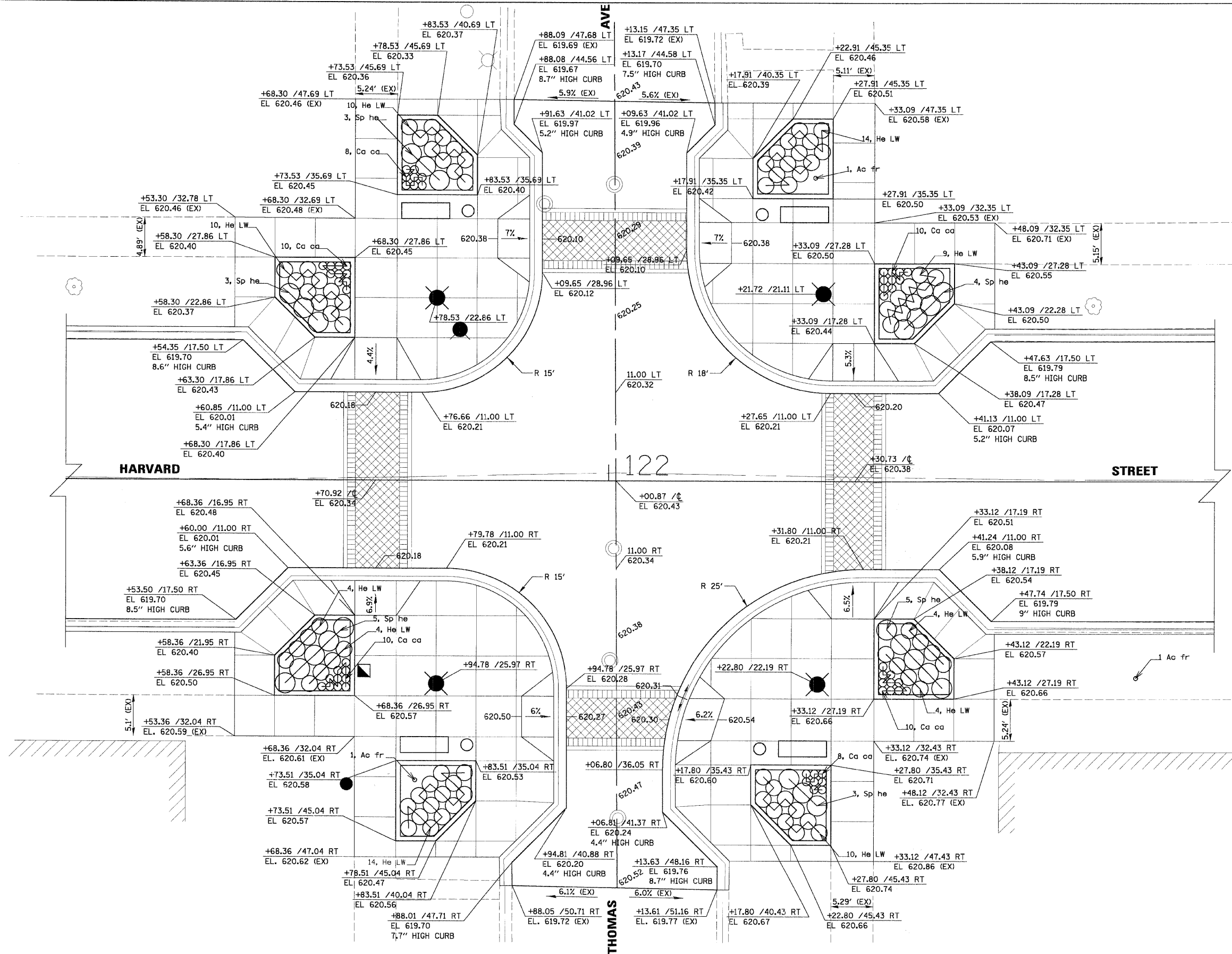
REVISIONS  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**INTERSECTION PAVING AND LANDSCAPING DETAIL**  
**EAST OF BELOIT AVENUE**

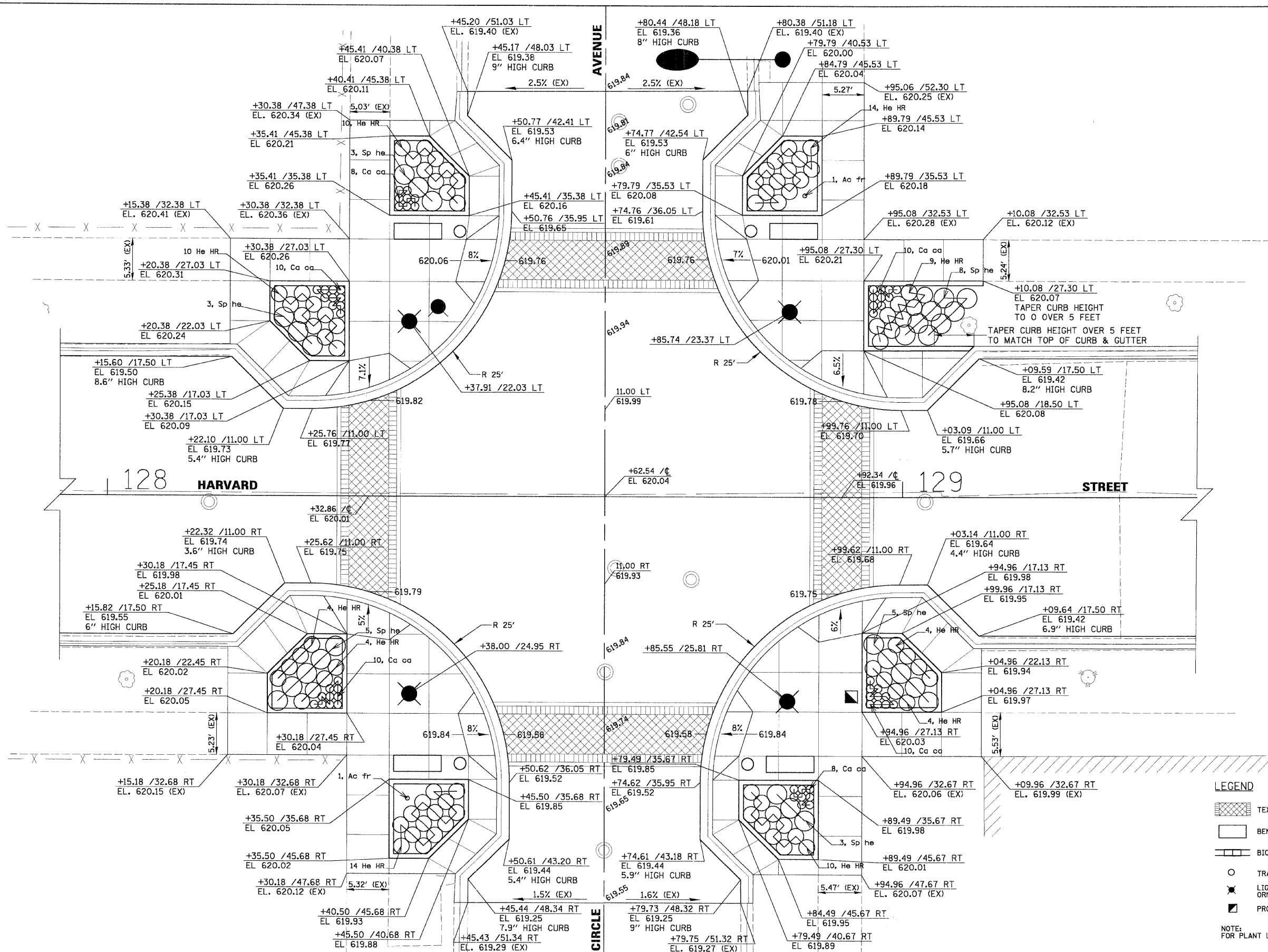
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO.  
 1702 07-00106-00-PV COOK 75 38  
 CONTRACT NO. 63148  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



- LEGEND**
- TEXTURED PAVEMENT
  - BENCH WITH BACK
  - BICYCLE RACKS
  - TRASH RECEPTACLE
  - LIGHT POLE AND LUMINAIRE, ORNAMENTAL
  - PROPOSED HANDHOLE
- NOTE:  
FOR PLANT LIST, SEE SHEET 7.

FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION PAVING AND LANDSCAPING DETAIL THOMAS AVENUE</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\FORESTPARK\070082\Civil\INT_070082_03.SHT		DRAWN -	REVISED -			1702	07-00106-00-PV	COOK	75	39	
PLOT SCALE = 8"		CHECKED -	REVISED -			CONTRACT NO. 63148					
PLOT DATE = 2/18/2009		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



- LEGEND**
- TEXTURED PAVEMENT
  - BENCH WITH BACK
  - BICYCLE RACKS
  - TRASH RECEPTACLE
  - LIGHT POLE AND LUMINAIRE, ORNAMENTAL
  - PROPOSED HANDHOLE
- NOTE:  
FOR PLANT LIST, SEE SHEET 7.

FILE NAME = N:\FORESTPARK\070082\Civil\INTL_070082_04.SHT	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION PAVING AND LANDSCAPING DETAIL CIRCLE AVENUE</b>	F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 40	
PLOT SCALE = 6'	PLOT DATE = 2/18/2009	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 63148			
CHECKED -	DATE -	REVISED -	REVISED -								
DATE -	DATE -	REVISED -	REVISED -								






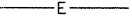

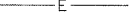


## LIGHTING NOTES

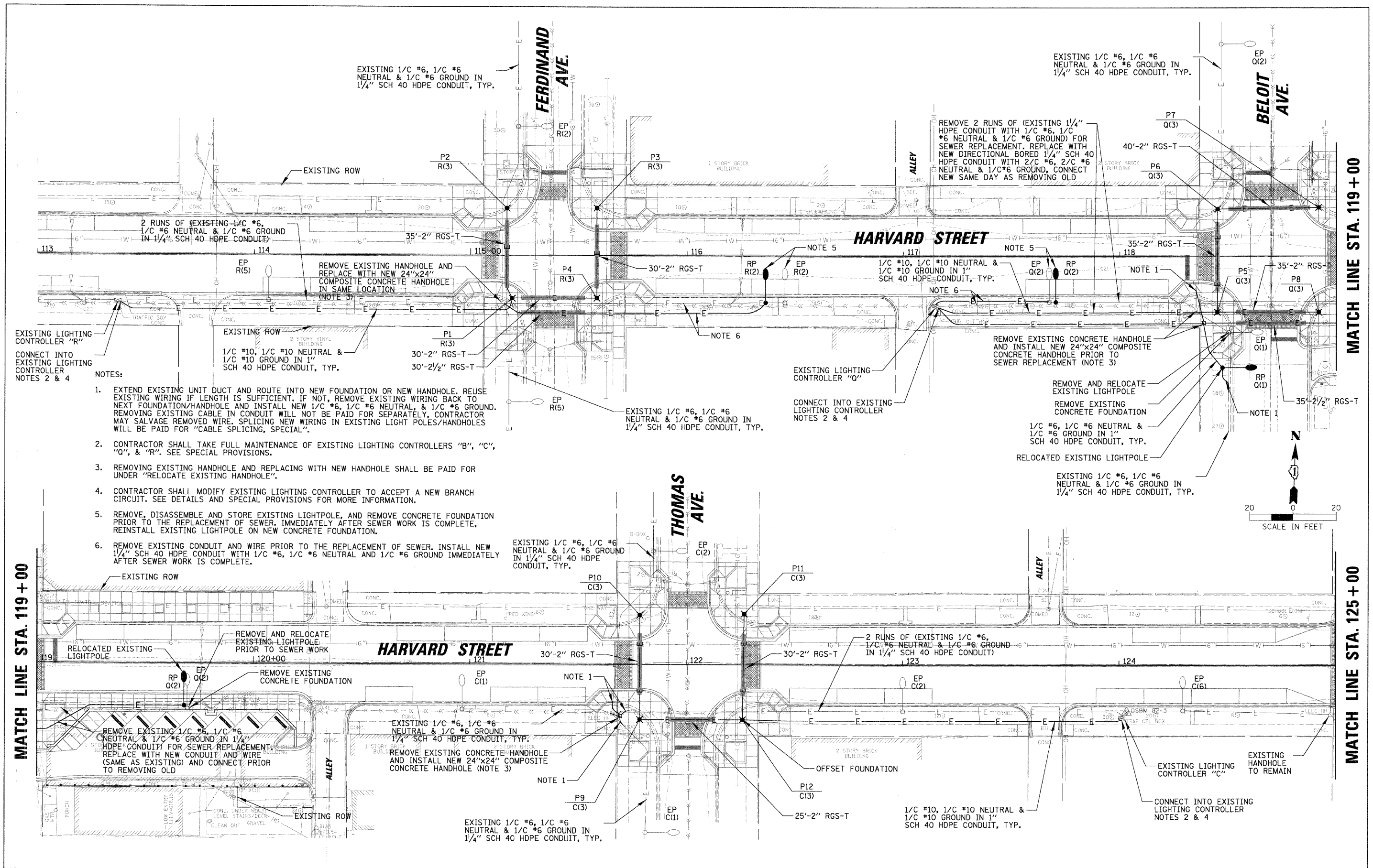
1. CAST A GROUND ROD 5/8 " IN DIAMETER BY 10 FEET IN LENGTH INSIDE EVERY CONCRETE POLE FOUNDATION AND CONNECT TO THE POLE GROUNDING LUG VIA A #6 SOLID COPPER WIRE WITH A MECHANICAL CONNECTION AT THE GROUND ROD AND PIGTAIL SPLICE INSIDE THE POLE HANDHOLE.
2. ALL POLE HANDHOLES SHALL FACE AWAY FROM TRAFFIC.
3. UNIT DUCT SHALL BE 1" DIAMETER SCH 40 HDPE WITH 1/C #10, 1/C #10 NEUTRAL & 1/C #10 GROUND XLP-TYPE USE CABLES.
4. LUMINAIRES SHALL BE LEVEL & HAVE A TIGHT FIT ON MAST ARMS TO THE OWNER'S SATISFACTION. THIS WORK SHALL INCLUDE FIELD ADJUSTING OF THE LUMINAIRE WHICH WILL BE INCIDENTAL TO THE "LIGHTPOLE" PAY ITEM.
5. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT FROM THE VILLAGE OF FOREST PARK BEFORE THE START OF WORK.
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
  - A. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", AS PREPARED BY IDOT.
  - B. "THE NATIONAL ELECTRICAL CODE".
  - C. MUNICIPAL CODES & STANDARDS.
7. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED SUFFICIENTLY.
8. TO MAINTAIN THE STRUCTURAL INTEGRITY OF LIGHT POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE CONTRACTOR SHALL NOT BE PAID FOR POLES UNTIL LUMINAIRES ARE INSTALLED.
9. BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD UTILITIES CALL COM ED FOR LOCATION APPROVAL.
10. NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN REVIEWED BY THE OWNER'S REPRESENTATIVE.
11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND LIGHTING CONTROLLERS FOR EXAMINATION AND CONFIRMATION WITH THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGERING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL PROPOSED ITEMS SHALL BE CONFIRMED WITH THE OWNER'S REPRESENTATIVE PRIOR TO STARTING WORK.
12. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE MECHANICAL TYPE UL LISTED FOR DIRECT BURIAL USE, AS SPECIFIED, AND SHALL BE REVIEWED BY THE OWNER'S REPRESENTATIVE PRIOR TO POURING CONCRETE OR BACKFILLING, AS APPLICABLE.
13. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE REVIEWED BY THE RESIDENT ENGINEER PRIOR TO BACKFILLING OR DURING FLOWING OPERATIONS, AS APPLICABLE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE AND THE TOP OF THE FOUNDATIONS HEIGHTS.
15. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
16. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
17. ALL DISTURBED AREA WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. THE WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
18. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123.
19. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
20. THE WORK PERFORMED UNDER THIS CONTRACT SHALL IN NO WAY INTERFERE WITH THE NORMAL OPERATION OF ANY EXISTING UTILITY SERVICE. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ITEMS OF EQUIPMENT REQUIRED TO MAINTAIN SUCH NORMAL OPERATION AT NO ADDITIONAL COST TO THE OWNER. THE COST ASSOCIATED FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT.
21. THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLATION COMPLIES WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS.

## BILL OF MATERIALS

CODE NO.	DESCRIPTION	UNIT	QUANTITY
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	510
81000700	CONDUIT IN TRENCH, 2 1/2 " DIA., GALVANIZED STEEL	FOOT	75
81017515	CONDUIT IN TRENCH, 1 1/4 " DIA., COILABLE NONMETALLIC CONDUIT	FOOT	820
81030100	CONDUIT SPLICE	EACH	11
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	1
81702415	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 3-1/C NO. 6	FOOT	1390
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2640
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	124
83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	20
84200700	LIGHTING FOUNDATION REMOVAL	EACH	5
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	3
X0321478	MAINTENANCE OF EXISTING LIGHTING SYSTEMS	LSUM	1
X0322951	CABLE SPLICE, SPECIAL	EACH	9
X8950130	MODIFY EXISTING LIGHTING CONTROLLER	EACH	4
X8950215	RELOCATE EXISTING HANDHOLE	EACH	3
XX004887	ORNAMENTAL LIGHTING UNIT, COMPLETE	EACH	16
XX006937	GROUND ROD, 5/8 " X 10FT.	EACH	21
	REMOVE, STORE AND REINSTALL EXISTING LIGHTING UNIT	EACH	2
	UNIT DUCT, 600V, 1/C #10, 1/C #10 NEUTRAL & 1/C #10 GND. (XLP TYPE-USE) IN 1" DIA. SCH 40 HDPE, BORED & PULLED	FOOT	1970
	UNIT DUCT, 600V, 2/C #6, 2/C #6 NEUTRAL & 1/C #6 GND. (XLP TYPE-USE) IN 1 1/4 " DIA. SCH 40 HDPE, BORED & PULLED	FOOT	200

### LEGEND

              	<p>50W HIGH PRESSURE SODIUM POST TOP LUMINAIRE WITH TYPE V CUTOFF OPTICS MOUNTED ON A 10'-0" ORNAMENTAL LIGHT POLE</p> <p>RELOCATED COBRA HEAD TYPE LUMINAIRE MOUNTED ON AN 8' MAST ARM ON A 25' SPUN ALUMINUM LIGHT POLE (OWNED &amp; MAINTAINED BY THE VILLAGE OF FOREST PARK)</p> <p>EXISTING COBRA HEAD TYPE LUMINAIRE MOUNTED ON AN 8' MAST ARM ON A 25' SPUN ALUMINUM LIGHT POLE (OWNED &amp; MAINTAINED BY THE VILLAGE OF FOREST PARK)</p> <p>PROPOSED WIRE IN UNIT DUCT AS SHOWN ON LIGHTING PLANS</p> <p>PROPOSED RGS CONDUIT SLEEVE FOR UNIT DUCT UNDER PAVEMENT</p> <p>EXISTING ELECTRIC CABLES IN UNIT DUCT</p> <p>EXISTING LIGHTING CONTROLLER</p> <p>PROPOSED COMPOSITE CONCRETE HANDHOLE</p> <p>EXISTING CONCRETE HANDHOLE</p>	<p>P1 ← PROPOSED POLE NUMBER</p> <p>E(2) ← EXISTING LIGHTING CIRCUIT IDENTIFIER</p> <p>← EXISTING CONTROLLER IDENTIFIER</p> <p>RP ← RELOCATED POLE</p> <p>EP ← EXISTING POLE</p> <p>2" RGS ← RIGID GALVANIZED STEEL CONDUIT</p> <p>T OR P ← TRENCHED OR PUSHED</p> <p>—) —) —) —) ← EXISTING SANITARY SEWER</p> <p>—) —) ← EXISTING STORM SEWER</p> <p>—  W  — ← EXISTING WATERMAIN</p> <p>— OH — ← EXISTING OVERHEAD WIRES</p> <p>— G — ← EXISTING GAS LINE</p>
--	---	--



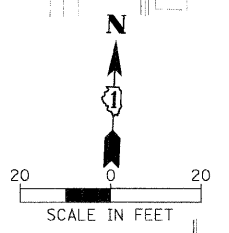
EXISTING LIGHTING CONTROLLER "R"  
CONNECT INTO EXISTING LIGHTING CONTROLLER NOTES 2 & 4

NOTES:

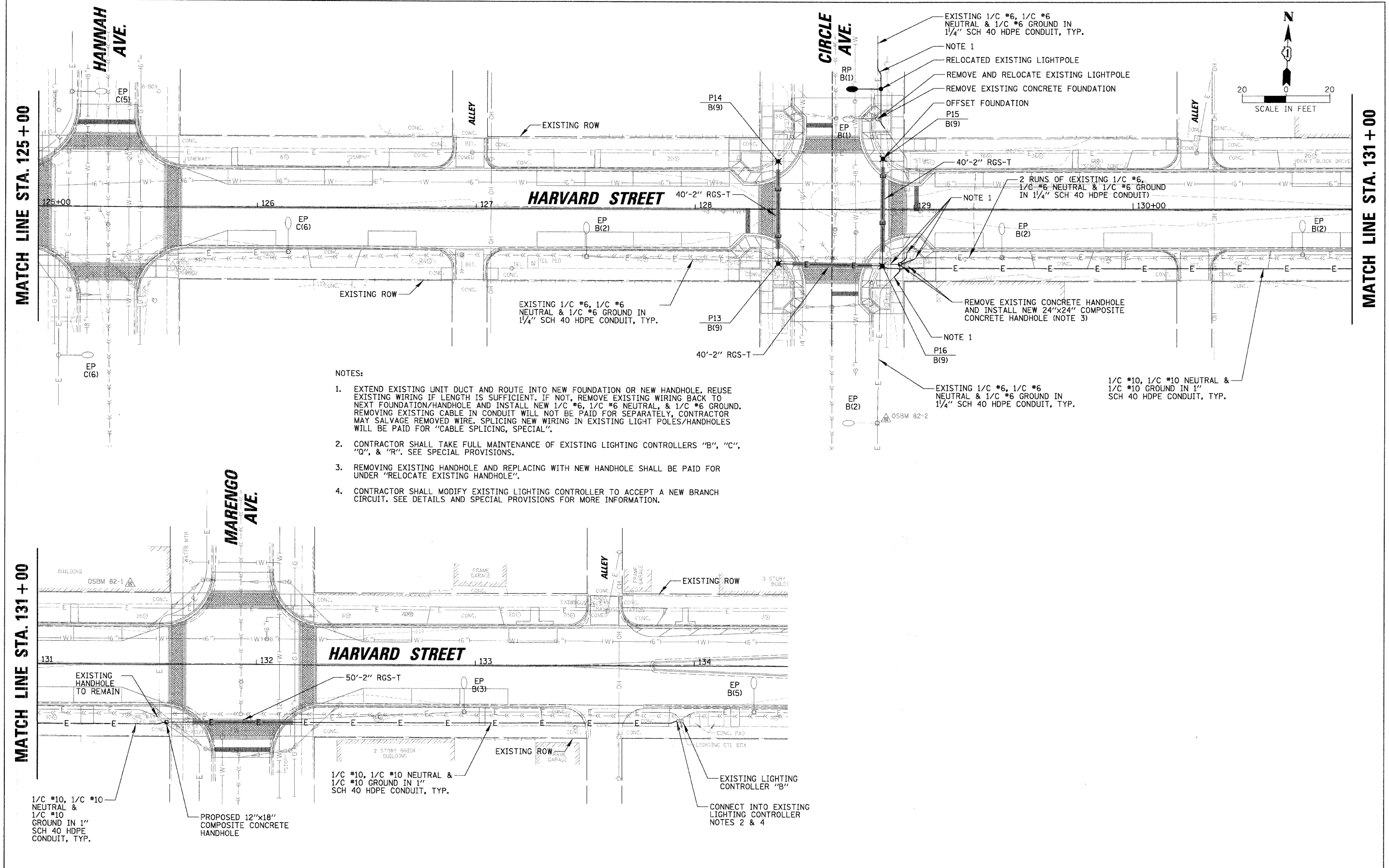
1. EXTEND EXISTING UNIT DUCT AND ROUTE INTO NEW FOUNDATION OR NEW HANDHOLE. REUSE EXISTING WIRING IF LENGTH IS SUFFICIENT. IF NOT, REMOVE EXISTING WIRING BACK TO NEXT FOUNDATION/HANDHOLE AND INSTALL NEW 1/C #6, 1/C #6 NEUTRAL & 1/C #6 GROUND. REMOVING EXISTING CABLE IN CONDUIT WILL NOT BE PAID FOR SEPARATELY, CONTRACTOR MAY SALVAGE REMOVED WIRE. SPLICING NEW WIRING IN EXISTING LIGHT POLES/HANDHOLES WILL BE PAID FOR "CABLE SPLICING, SPECIAL".
2. CONTRACTOR SHALL TAKE FULL MAINTENANCE OF EXISTING LIGHTING CONTROLLERS "B", "C", "Q", & "R". SEE SPECIAL PROVISIONS.
3. REMOVING EXISTING HANDHOLE AND REPLACING WITH NEW HANDHOLE SHALL BE PAID FOR UNDER "RELOCATE EXISTING HANDHOLE".
4. CONTRACTOR SHALL MODIFY EXISTING LIGHTING CONTROLLER TO ACCEPT A NEW BRANCH CIRCUIT. SEE DETAILS AND SPECIAL PROVISIONS FOR MORE INFORMATION.
5. REMOVE, DISASSEMBLE AND STORE EXISTING LIGHTPOLE, AND REMOVE CONCRETE FOUNDATION PRIOR TO THE REPLACEMENT OF SEWER. IMMEDIATELY AFTER SEWER WORK IS COMPLETE, REINSTALL EXISTING LIGHTPOLE ON NEW CONCRETE FOUNDATION.
6. REMOVE EXISTING CONDUIT AND WIRE PRIOR TO THE REPLACEMENT OF SEWER. INSTALL NEW 1/4" SCH 40 HDPE CONDUIT WITH 1/C #6, 1/C #6 NEUTRAL AND 1/C #6 GROUND IMMEDIATELY AFTER SEWER WORK IS COMPLETE.

MATCH LINE STA. 119 + 00

MATCH LINE STA. 125 + 00



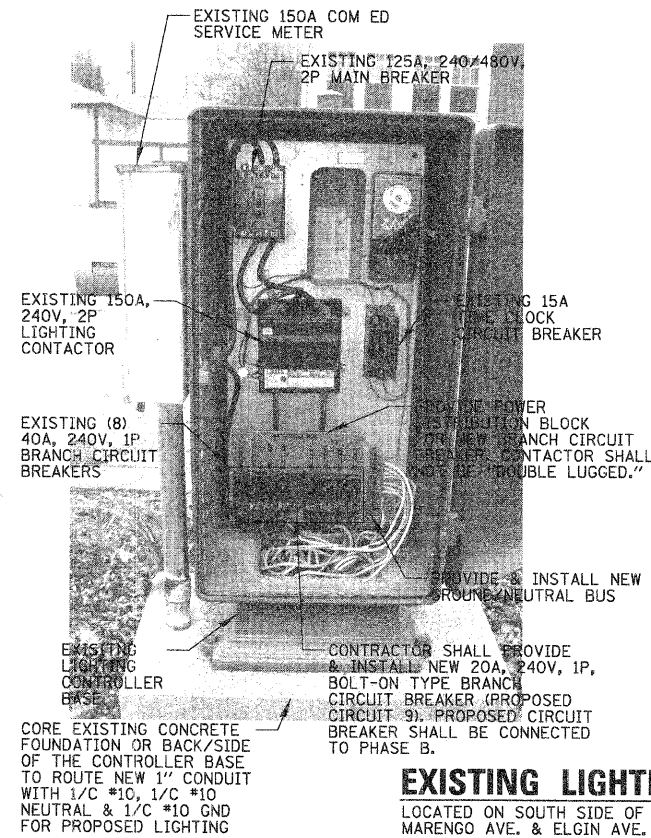
FILE NAME = N:\FORESTPARK\070082\Mech\LG1_070082.dwg	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY LIGHTING IMPROVEMENTS - HARVARD ST. LIGHTING PLAN (1 OF 2)</b>	F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 42	
PLOT SCALE = 20"	PLOT DATE = 2/19/2004	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 63148			
CHECKED -	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT					
DATE -	REVISED -	REVISED -	REVISED -								



**NOTES:**

1. EXTEND EXISTING UNIT DUCT AND ROUTE INTO NEW FOUNDATION OR NEW HANDHOLE. REUSE EXISTING WIRING IF LENGTH IS SUFFICIENT. IF NOT, REMOVE EXISTING WIRING BACK TO NEXT FOUNDATION/HANDHOLE AND INSTALL NEW 1/C #6, 1/C #6 NEUTRAL, & 1/C #6 GROUND. REMOVING EXISTING CABLE IN CONDUIT WILL NOT BE PAID FOR SEPARATELY. CONTRACTOR MAY SALVAGE REMOVED WIRE. SPLICING NEW WIRING IN EXISTING LIGHT POLES/HANDHOLES WILL BE PAID FOR "CABLE SPLICING, SPECIAL".
2. CONTRACTOR SHALL TAKE FULL MAINTENANCE OF EXISTING LIGHTING CONTROLLERS "B", "C", "O", & "R". SEE SPECIAL PROVISIONS.
3. REMOVING EXISTING HANDHOLE AND REPLACING WITH NEW HANDHOLE SHALL BE PAID FOR UNDER "RELOCATE EXISTING HANDHOLE".
4. CONTRACTOR SHALL MODIFY EXISTING LIGHTING CONTROLLER TO ACCEPT A NEW BRANCH CIRCUIT. SEE DETAILS AND SPECIAL PROVISIONS FOR MORE INFORMATION.

FILE NAME = N:\FORESTPARK\070082\Mech\LG1_070082_02.SHT	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY LIGHTING IMPROVEMENTS - HARVARD ST. LIGHTING PLAN (2 OF 2)</b>	F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 43	
PLOT SCALE = 20'		CHECKED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.					
PLOT DATE = 2/18/2009		DATE -	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT					
CONTRACT NO. 63148											



**EXISTING LIGHTING CONTROLLER "B"**

LOCATED ON SOUTH SIDE OF HARVARD ST. BETWEEN MARENGO AVE. & ELGIN AVE.

**DESCRIPTION OF WORK**

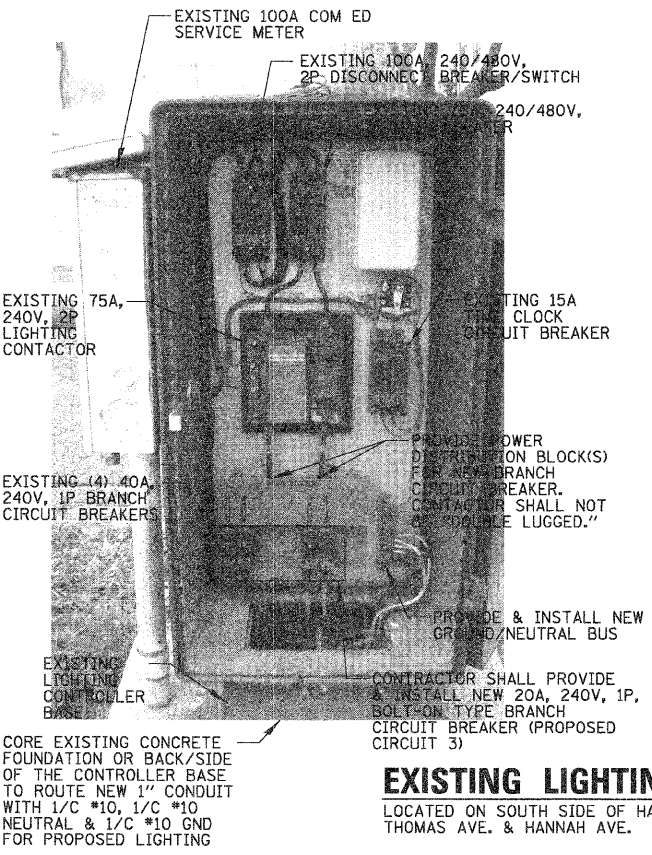
CONTRACTOR SHALL MODIFY EXISTING LIGHTING CONTROLLER FOR PROPOSED LIGHTING CIRCUIT. THIS WORK SHALL INCLUDE ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO ROUTE NEW CONDUIT AND WIRING INTO CONTROLLER BASE, ADD NEW BRANCH CIRCUIT BREAKER, POWER DISTRIBUTION BLOCK(S) AND MAKE ALL NECESSARY ELECTRICAL CONNECTIONS/ MODIFICATIONS TO THE EXISTING LIGHTING CONTROLLER.

PROPOSED CIRCUIT BREAKERS & WIRING SHALL BE LABELED WITH CIRCUIT MARKERS. ALL EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL.

WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "MODIFY EXISTING LIGHTING CONTROLLER."

CONTRACTOR SHALL TAKE FULL MAINTENANCE OF EXISTING LIGHTING CONTROLLER & LIGHTING SYSTEM DURING CONSTRUCTION OF THIS CONTRACT. THIS WORK SHALL INCLUDE MAINTENANCE OF LIGHTING UNITS, CABLE RUNS AND LIGHTING CONTROLS. IN CASE OF A POLE KNOCKDOWN OR EQUIPMENT DAMAGED BY EITHER THE MOTORING PUBLIC OR CONTRACTOR OPERATIONS, THE CONTRACTOR SHALL CLEAR AND RESTORE THE EXISTING SYSTEM TO ORIGINAL CONDITION (SEE CONTRACT SPECIFICATIONS).

LIGHTING CONTROLLER LOADS	
DESCRIPTION OF LOAD	LOAD (AMPS)
NEW BRANCH CIRCUIT NO. 9	2 A
TOTAL LOAD ON EX. CONTROLLER "B"	90 A



**EXISTING LIGHTING CONTROLLER "C"**

LOCATED ON SOUTH SIDE OF HARVARD ST. BETWEEN THOMAS AVE. & HANNAH AVE.

**DESCRIPTION OF WORK**

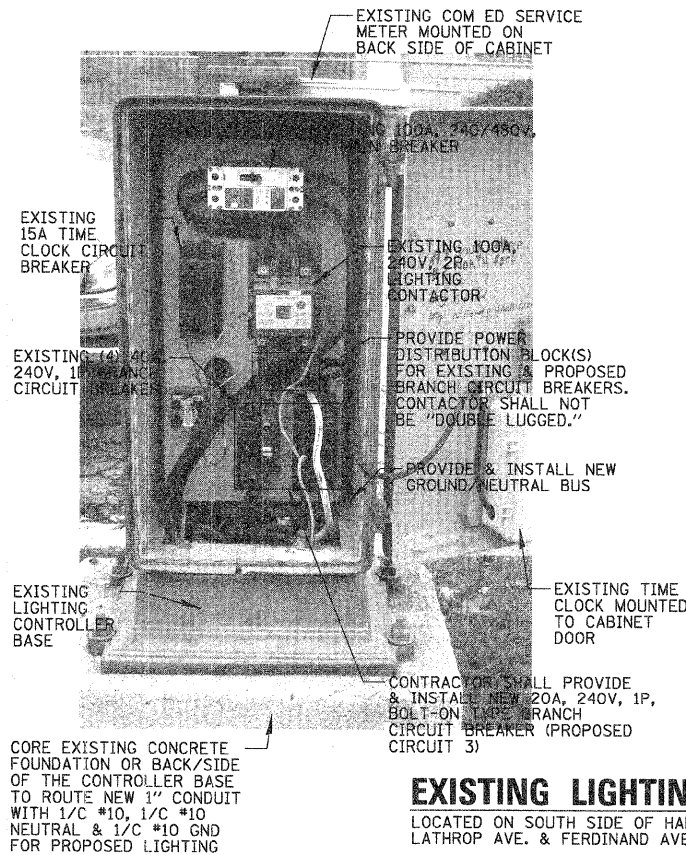
CONTRACTOR SHALL MODIFY EXISTING LIGHTING CONTROLLER FOR PROPOSED LIGHTING CIRCUIT. THIS WORK SHALL INCLUDE ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO ROUTE NEW CONDUIT AND WIRING INTO CONTROLLER BASE, ADD NEW BRANCH CIRCUIT BREAKER, POWER DISTRIBUTION BLOCK(S) AND MAKE ALL NECESSARY ELECTRICAL CONNECTIONS/ MODIFICATIONS TO THE EXISTING LIGHTING CONTROLLER.

PROPOSED CIRCUIT BREAKERS & WIRING SHALL BE LABELED WITH CIRCUIT MARKERS. ALL EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL.

WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "MODIFY EXISTING LIGHTING CONTROLLER."

CONTRACTOR SHALL TAKE FULL MAINTENANCE OF EXISTING LIGHTING CONTROLLER & LIGHTING SYSTEM DURING CONSTRUCTION OF THIS CONTRACT. THIS WORK SHALL INCLUDE MAINTENANCE OF LIGHTING UNITS, CABLE RUNS AND LIGHTING CONTROLS. IN CASE OF A POLE KNOCKDOWN OR EQUIPMENT DAMAGED BY EITHER THE MOTORING PUBLIC OR CONTRACTOR OPERATIONS, THE CONTRACTOR SHALL CLEAR AND RESTORE THE EXISTING SYSTEM TO ORIGINAL CONDITION (SEE CONTRACT SPECIFICATIONS).

LIGHTING CONTROLLER LOADS	
DESCRIPTION OF LOAD	LOAD (AMPS)
NEW BRANCH CIRCUIT NO. 3	2 A
TOTAL LOAD ON EX. CONTROLLER "C"	45 A



**EXISTING LIGHTING CONTROLLER "R"**

LOCATED ON SOUTH SIDE OF HARVARD ST. BETWEEN LATHROP AVE. & FERDINAND AVE.

**DESCRIPTION OF WORK**

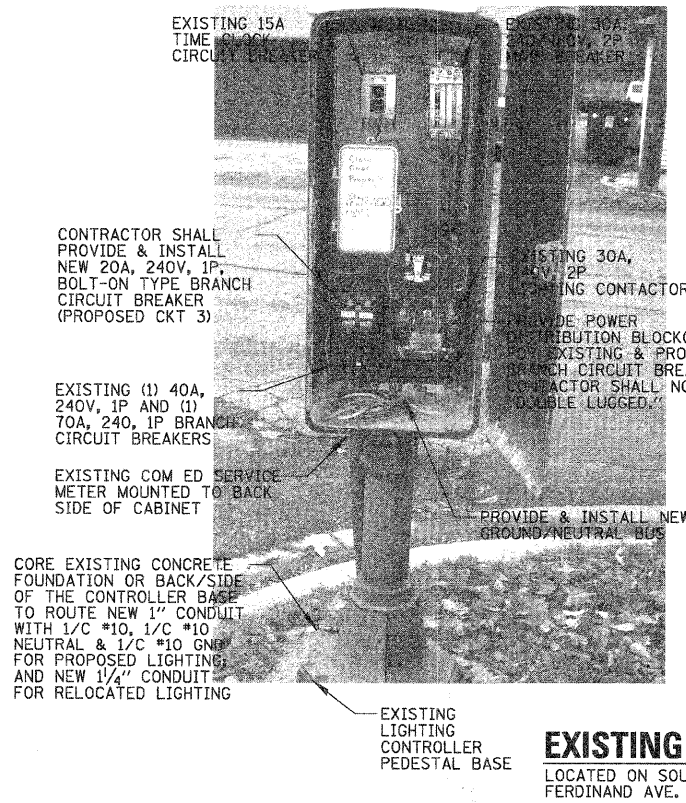
CONTRACTOR SHALL MODIFY EXISTING LIGHTING CONTROLLER FOR PROPOSED LIGHTING CIRCUIT. THIS WORK SHALL INCLUDE ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO ROUTE NEW CONDUIT AND WIRING INTO CONTROLLER BASE, ADD NEW BRANCH CIRCUIT BREAKER, POWER DISTRIBUTION BLOCK(S) AND MAKE ALL NECESSARY ELECTRICAL CONNECTIONS/ MODIFICATIONS TO THE EXISTING LIGHTING CONTROLLER.

PROPOSED CIRCUIT BREAKERS & WIRING SHALL BE LABELED WITH CIRCUIT MARKERS. ALL EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL.

WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "MODIFY EXISTING LIGHTING CONTROLLER."

CONTRACTOR SHALL TAKE FULL MAINTENANCE OF EXISTING LIGHTING CONTROLLER & LIGHTING SYSTEM DURING CONSTRUCTION OF THIS CONTRACT. THIS WORK SHALL INCLUDE MAINTENANCE OF LIGHTING UNITS, CABLE RUNS AND LIGHTING CONTROLS. IN CASE OF A POLE KNOCKDOWN OR EQUIPMENT DAMAGED BY EITHER THE MOTORING PUBLIC OR CONTRACTOR OPERATIONS, THE CONTRACTOR SHALL CLEAR AND RESTORE THE EXISTING SYSTEM TO ORIGINAL CONDITION (SEE CONTRACT SPECIFICATIONS).

LIGHTING CONTROLLER LOADS	
DESCRIPTION OF LOAD	LOAD (AMPS)
NEW BRANCH CIRCUIT NO. 3	2 A
TOTAL LOAD ON EX. CONTROLLER "R"	38 A



**EXISTING LIGHTING CONTROLLER "Q"**

LOCATED ON SOUTH SIDE OF HARVARD ST. BETWEEN FERDINAND AVE. & BELOIT AVE.

**DESCRIPTION OF WORK**

CONTRACTOR SHALL MODIFY EXISTING LIGHTING CONTROLLER FOR PROPOSED LIGHTING CIRCUIT. THIS WORK SHALL INCLUDE ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO ROUTE NEW CONDUIT AND WIRING INTO CONTROLLER BASE, ADD NEW BRANCH CIRCUIT BREAKER, POWER DISTRIBUTION BLOCK(S) AND MAKE ALL NECESSARY ELECTRICAL CONNECTIONS/ MODIFICATIONS TO THE EXISTING LIGHTING CONTROLLER.

PROPOSED CIRCUIT BREAKERS & WIRING SHALL BE LABELED WITH CIRCUIT MARKERS. ALL EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL.

WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "MODIFY EXISTING LIGHTING CONTROLLER."

CONTRACTOR SHALL TAKE FULL MAINTENANCE OF EXISTING LIGHTING CONTROLLER & LIGHTING SYSTEM DURING CONSTRUCTION OF THIS CONTRACT. THIS WORK SHALL INCLUDE MAINTENANCE OF LIGHTING UNITS, CABLE RUNS AND LIGHTING CONTROLS. IN CASE OF A POLE KNOCKDOWN OR EQUIPMENT DAMAGED BY EITHER THE MOTORING PUBLIC OR CONTRACTOR OPERATIONS, THE CONTRACTOR SHALL CLEAR AND RESTORE THE EXISTING SYSTEM TO ORIGINAL CONDITION (SEE CONTRACT SPECIFICATIONS).

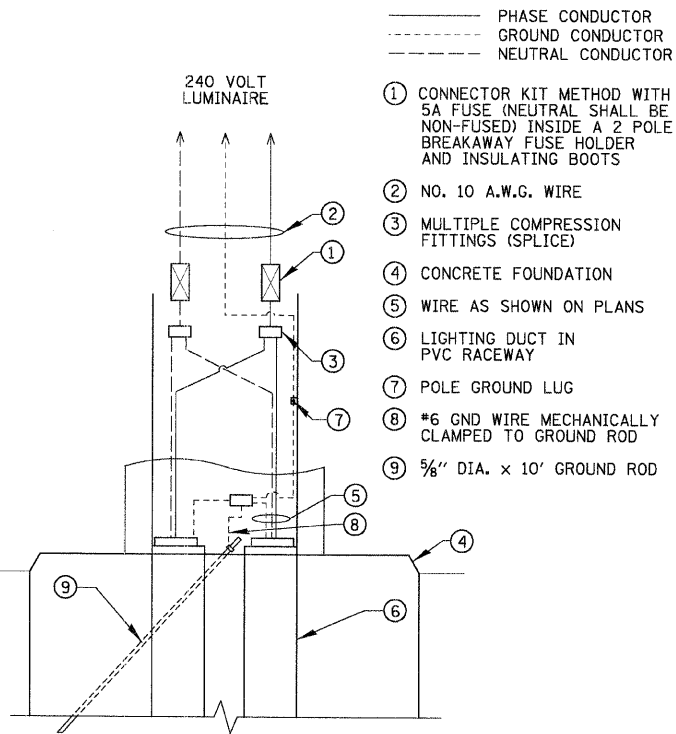
LIGHTING CONTROLLER LOADS	
DESCRIPTION OF LOAD	LOAD (AMPS)
NEW BRANCH CIRCUIT NO. 3	2 A
TOTAL LOAD ON EX. CONTROLLER "Q"	18 A

FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -
NONFORESTPARK\070082\Arch\LD1_070082_01.SHT		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

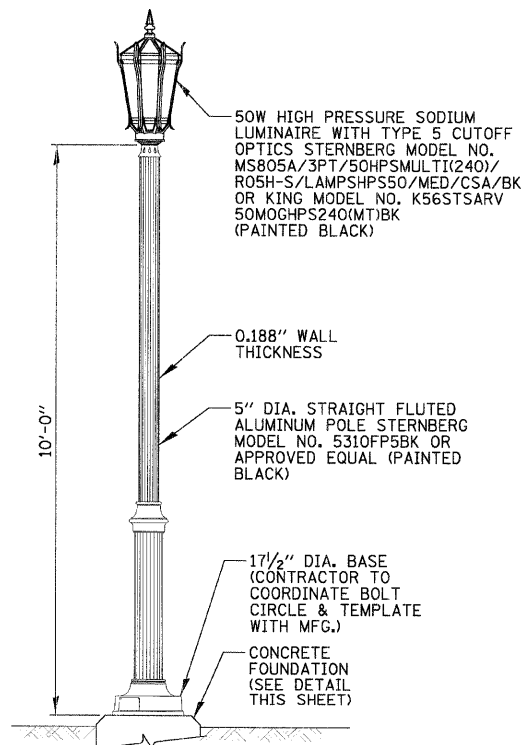
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY LIGHTING IMPROVEMENTS - HARVARD ST.  
LIGHTING DETAILS (1 OF 3)**

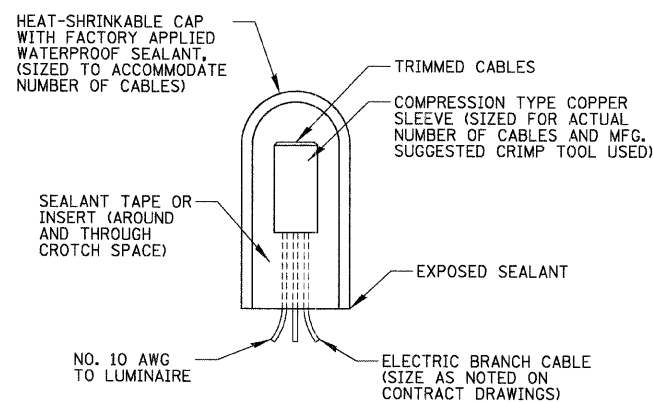
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	44
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



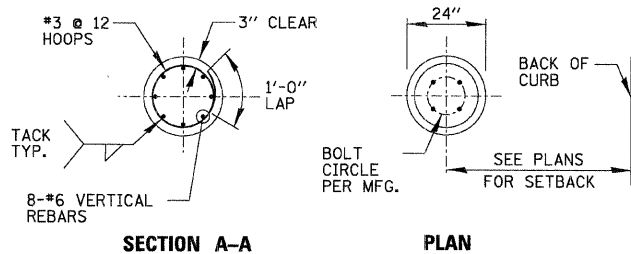
**POLE HANDHOLE WIRING DIAGRAM**  
N.T.S.



**ORNAMENTAL LIGHTPOLE DETAIL**  
N.T.S.

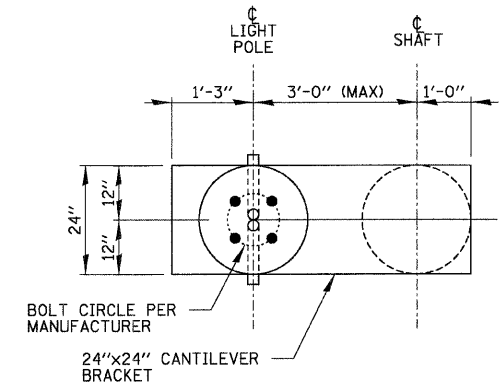
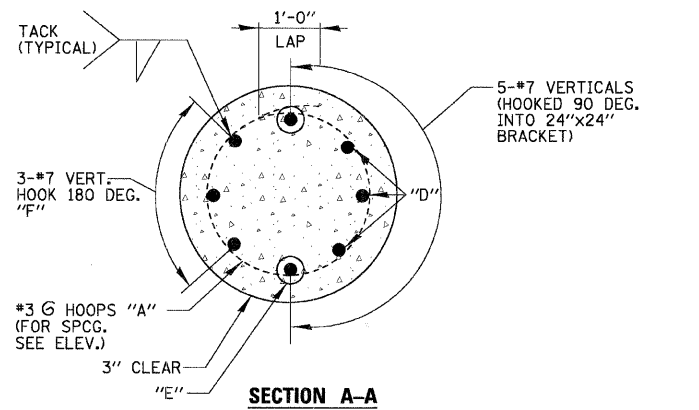


**SPlicing ELECTRIC CABLE**  
N.T.S.



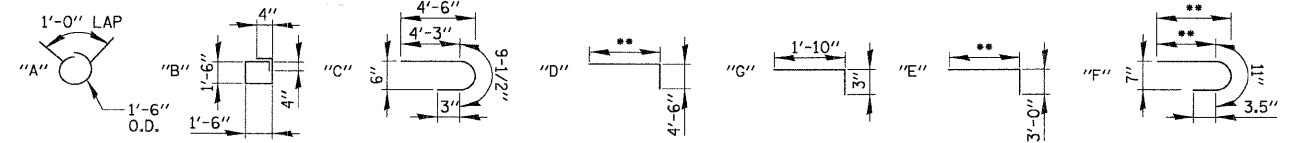
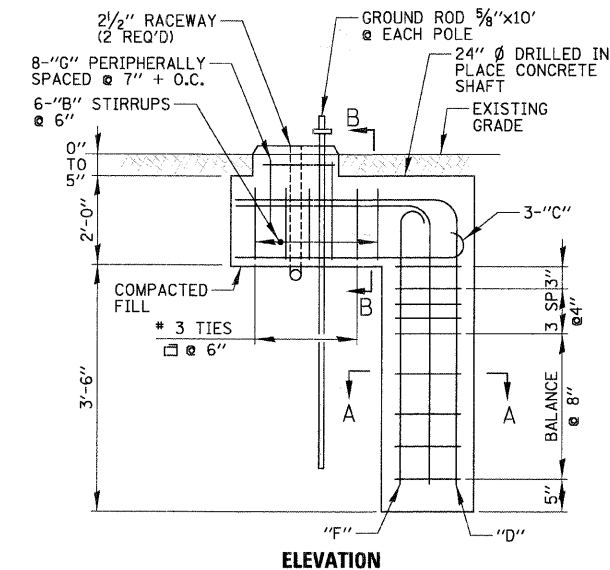
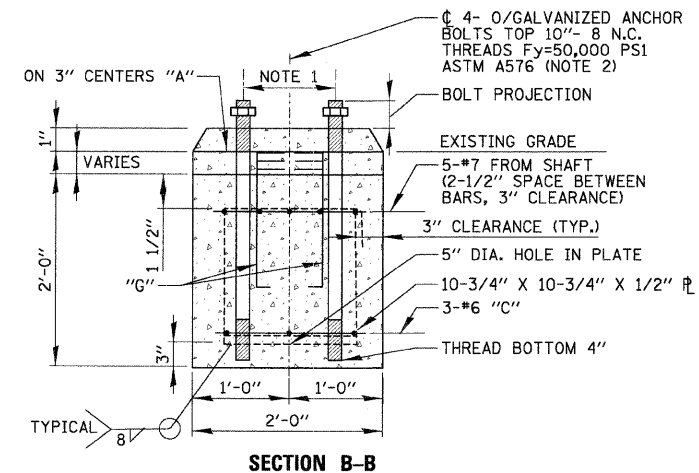
- NOTES:
- GROUND ROD SHALL BE CAST INTO CONCRETE FOUNDATION WITH 8 FEET IN CONTACT WITH SOIL.
  - FOUNDATION WILL BE PAID FOR UNDER "LIGHT POLE FOUNDATION, 24" DIAMETER.
  - USE THIS FOUNDATION FOR ALL LIGHT POLES, UNLESS OTHERWISE INDICATED, ON LIGHTING PLAN SHEETS.
  - FOUNDATIONS SHALL NOT PROTRUDE MORE THAN 4" ABOVE FINISHED GRADE INCLUDING ANCHOR RODS.

**CONCRETE FOUNDATION DETAIL**  
N.T.S.



**PLAN-CANTILEVERED BRACKET**

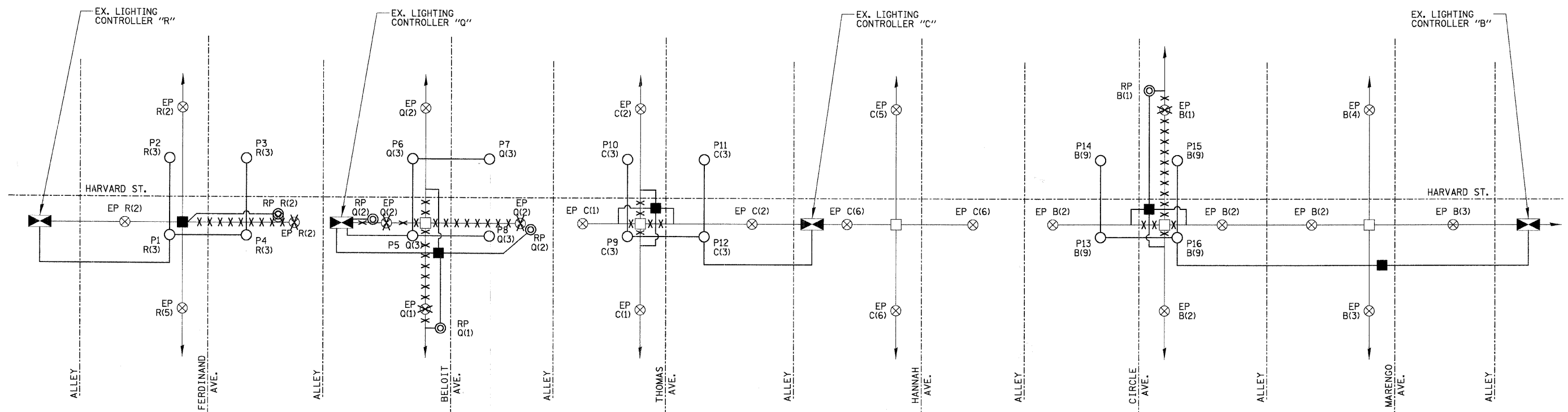
- NOTES:
- BOLT CIRCLE PER POLE MANUFACTURER
  - THE TOP OF THE ANCHOR BOLTS SHALL NOT PROJECT MORE THAN 4" ABOVE A 60" CHORD ALIGNED RADIALLY TO THE CENTERLINE OF THE ROADWAY, AND CONNECTING ANY POINT, WITHIN THE LENGTH OF THE CHORD, ON THE GROUND SURFACE ON ONE SIDE OF THE SUPPORT TO A POINT ON THE GROUND SURFACE ON THE OTHER SIDE.
  - CONCRETE SHALL BE 3500 PSI AT 14 DAYS
  - HOLE FOR FOUNDATION SHAFT SHALL BE AUGERED
  - REINFORCING BARS SHALL CONFORM TO BILLET STEEL BARS. (ASTM-A615) SPECIFICATIONS WITH A 6000 PSI MINIMUM YIELD STRENGTH.
  - FOUNDATION AS SHOWN REPRESENTS 9.5 LINEAL FEET FOR "LIGHT POLE FOUNDATION, OFFSET, 24" DIAMETER".



**ORNAMENTAL LIGHT POLE OFFSET CONCRETE FOUNDATION DETAIL**  
N.T.S.

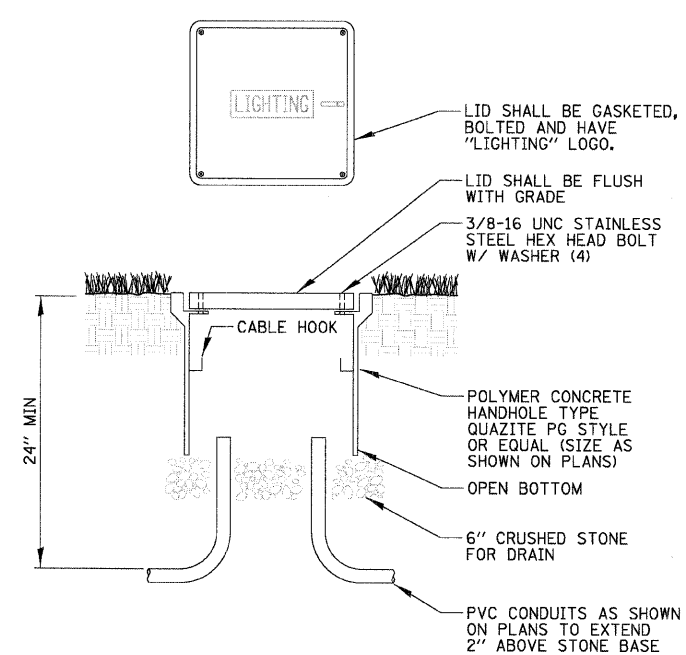
BILL OF MATERIALS				
QUAN.	MARK	SIZE	LENGTH	SHAPE
•	A	#3	5'-9"	○
6	B	#3	6'-8"	□
3	C	#6	5'-3 1/2"	⌒
8	D	#6	2'-1"	⌒
3	E	#7	**	⌒
2	F	#7	**	⌒
3	G	#7	**	⌒
				11
CLASS DS CONC. CU. YDS.			1.7	
ANCHOR BOLTS NO.			4	
ANCHOR BOLT PLATE NO.			1	

- \* QUANTITY AS REQUIRED  
\*\* SIZE AS REQUIRED



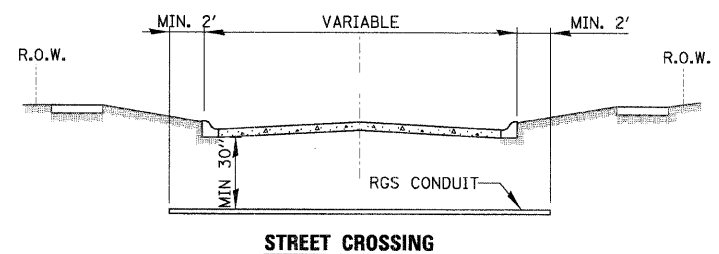
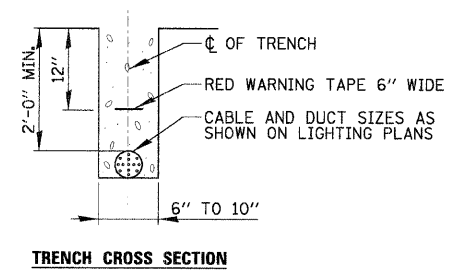
**ONE LINE CIRCUIT DIAGRAM**  
N.T.S.

- LEGEND**
- PROP. LIGHTPOLE
  - ⊗ RELOCATED EX. LIGHTPOLE
  - ⊗ EX. LIGHTPOLE
  - PROP. ELECTRIC LINE
  - EX. ELECTRIC LINE
  - ⊠ EX. LIGHTING CONTROLLER
  - PROP. HANDHOLE
  - EX. HANDHOLE
  - POLE NUMBER
  - ( ) LUMINAIRE CIRCUIT ID
  - EX. LIGHTING CONTROLLER ID
  - - - ROADWAY



- NOTES:**
- ALL SPLICES SHALL BE WATERPROOF.
  - POLYMER CONCRETE HANDHOLE AND LID SHALL BE GREEN IN LANDSCAPED AREAS AND MATCH COLOR IN CONCRETE/BRICK AREAS.

**POLYMER CONCRETE HANDHOLE**  
N.T.S.

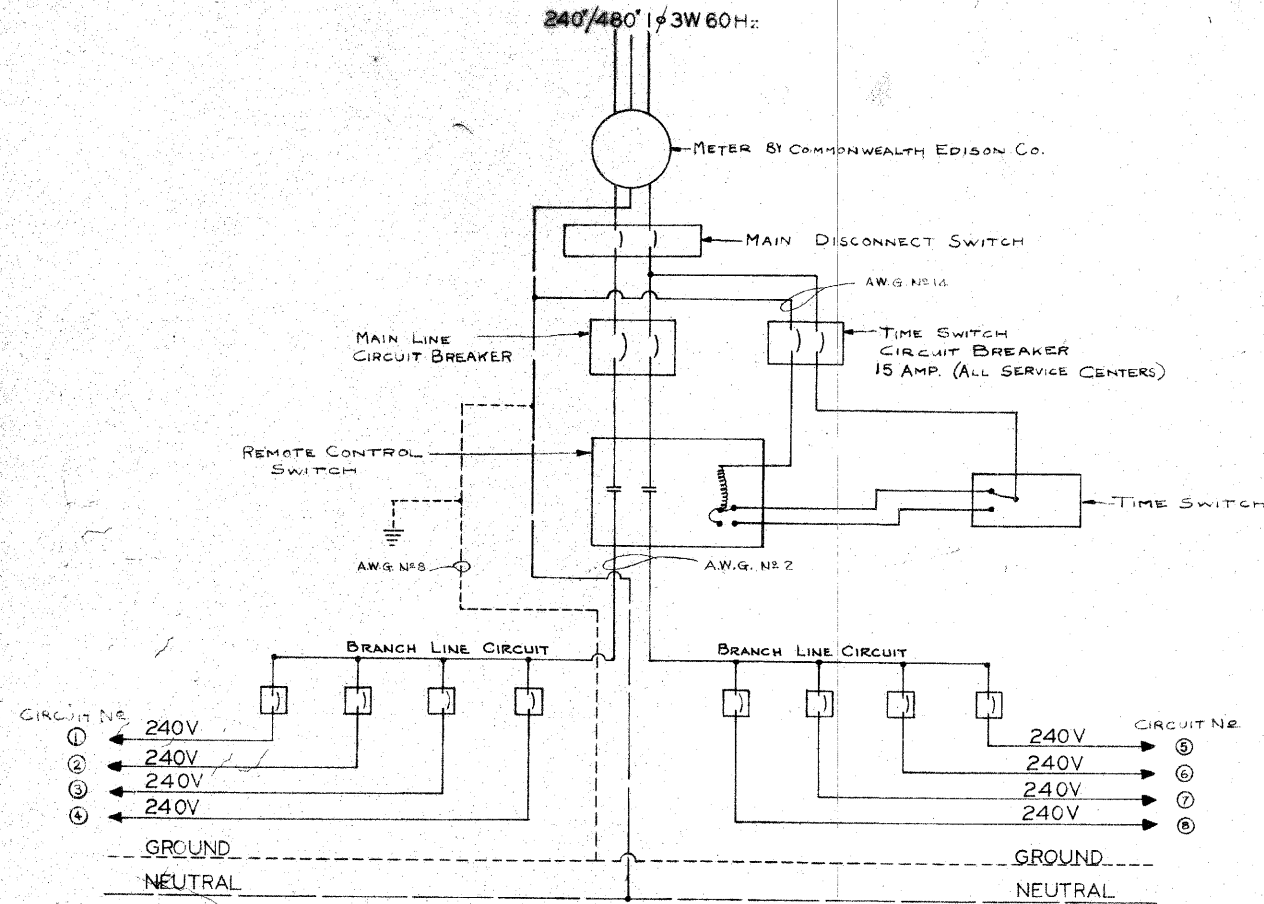


- CONDUIT SHALL BE HEAVY WALL RGS CONDUIT.
- CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- CONDUIT SHALL BE A MINIMUM OF 30" BELOW CURB BOTTOM.

**ELECTRIC CONDUIT INSTALLATION**  
N.T.S.

**LUMINAIRE AND POLE SCHEDULE**

LIGHT POLE IDENTIFIER	PROPOSED LUMINAIRES			CONTROLLER IDENTIFIER
	QUANTITY	WATTAGE	CKT ID	
P1	(1)	50W	3	R
P2	(1)	50W	3	R
P3	(1)	50W	3	R
P4	(1)	50W	3	R
P5	(1)	50W	3	Q
P6	(1)	50W	3	Q
P7	(1)	50W	3	Q
P8	(1)	50W	3	Q
P9	(1)	50W	3	C
P10	(1)	50W	3	C
P11	(1)	50W	3	C
P12	(1)	50W	3	C
P13	(1)	50W	9	B
P14	(1)	50W	9	B
P15	(1)	50W	9	B
P16	(1)	50W	9	B



CONTROL CIRCUIT DIAGRAM

SERVICE CENTER COMPONENT SCHEDULE

SERVICE CENTER	MAIN DISCONNECT	MAIN LINE CIRCUIT BREAKER - WORKING SIZE	REMOTE CONTROL	BRANCH LINE CIRCUIT BREAKER QUANTITY	SECONDARY BREAKERS								
					1	2	3	4	5	6	7	8	
A	100 AMP, 2P, NA	100 AMP, 2P, #2	100 AMP	8	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P
B	150 AMP, 2P, NA	125 AMP, 2P, #1	150 AMP	8	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P
C	100 AMP, 2P, NA	70 AMP, 2P, #2	75 AMP	4	40A, 1P	40A, 1P			40A, 1P	40A, 1P			
D	100 AMP, 2P, NA	70 AMP, 2P, #2	75 AMP	4	40A, 1P	40A, 1P			40A, 1P	40A, 1P			
E	100 AMP, 2P, NA	50 AMP, 2P, #2	75 AMP	5	30A, 1P	30A, 1P			30A, 1P	30A, 1P	30A, 1P		
F	100 AMP, 2P, NA	50 AMP, 2P, #2	75 AMP	4	30A, 1P	30A, 1P			30A, 1P	30A, 1P			
G	100 AMP, 2P, NA	60 AMP, 2P, #2	75 AMP	3	30A, 1P	30A, 1P			50A, 1P				
H	100 AMP, 2P, NA	50 AMP, 2P, #2	75 AMP	5	30A, 1P	30A, 1P	30A, 1P		30A, 1P	30A, 1P			
I	100 AMP, 2P, NA	100 AMP, 2P, #2	100 AMP	7	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P		
J	100 AMP, 2P, NA	100 AMP, 2P, #2	100 AMP	2	50A, 1P				50A, 1P				
K	100 AMP, 2P, NA	100 AMP, 2P, #2	100 AMP	8	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P	40A, 1P
L	100 AMP, 2P, NA	100 AMP, 2P, #2	100 AMP	2	40A, 1P				70A, 1P				
M	100 AMP, 2P, NA	100 AMP, 2P, #2	100 AMP	4	60A, 1P	40A, 1P			60A, 1P	40A, 1P			
N	100 AMP, 2P, NA	100 AMP, 2P, #2	75 AMP	2									
O	100 AMP, 2P, NA	70 AMP, 2P, #2	75 AMP	4	40A, 1P	40A, 1P			40A, 1P	40A, 1P			
P		30 AMP, 2P, #	30 AMP										
Q		30 AMP, 2P, #2	30 AMP	2	40A, 1P				70A, 1P				
R		70 AMP, 2P, #2	100 AMP	4	40A, 1P	40A, 1P			40A, 1P	40A, 1P			
S		70 AMP, 2P, #2	100 AMP	2	40A, 1P				40A, 1P				
T	100 AMP, 2P, NA	100 AMP, 2P, #2	100 AMP	4	60A, 1P	60A, 1P			60A, 1P	60A, 1P			
U		70 AMP, 2P, #	60 AMP	3	30A, 1P	15A, 1P			15A, 1P	15A, 1P			
V		150 AMP, 2P	150 AMP	1	50A, 1P								
W		70 AMP, 2P	75 AMP	2	50A, 1P				30A, 1P				
EXISTING CONTROLLER (REBUILT)													
EXISTING CONTROLLER													
120 V. OPERATION													
PHOTOELECTRIC CELL OPERATION													

STREET LIGHTING IMPROVEMENT PROJECT

REVISIONS	DATE	BY	FOREST PARK, ILL.	DRAWN BY R. J. M.
	11-1-75	MK		CHECKED BY
	AS BUILT			APPROVED BY
			<b>EDWIN HANCOCK ENGINEERING CO.</b>	FIELD NOTES MK BOOK NO. 804-809
			CONSULTING ENGINEERS	DATE 2-14-74
			7521 MADISON ST. FOREST PARK, ILL. 60130	SCALE
				SHEET NO. 43 OF 56 SHEETS

FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -
N:\FORESTPARK\070082\Mech\REC_070082_01.SHT		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 2/18/2009	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING IMPROVEMENTS - HARVARD ST.  
 EXISTING CONTROLLER SCHEDULE RECORD DRAWING

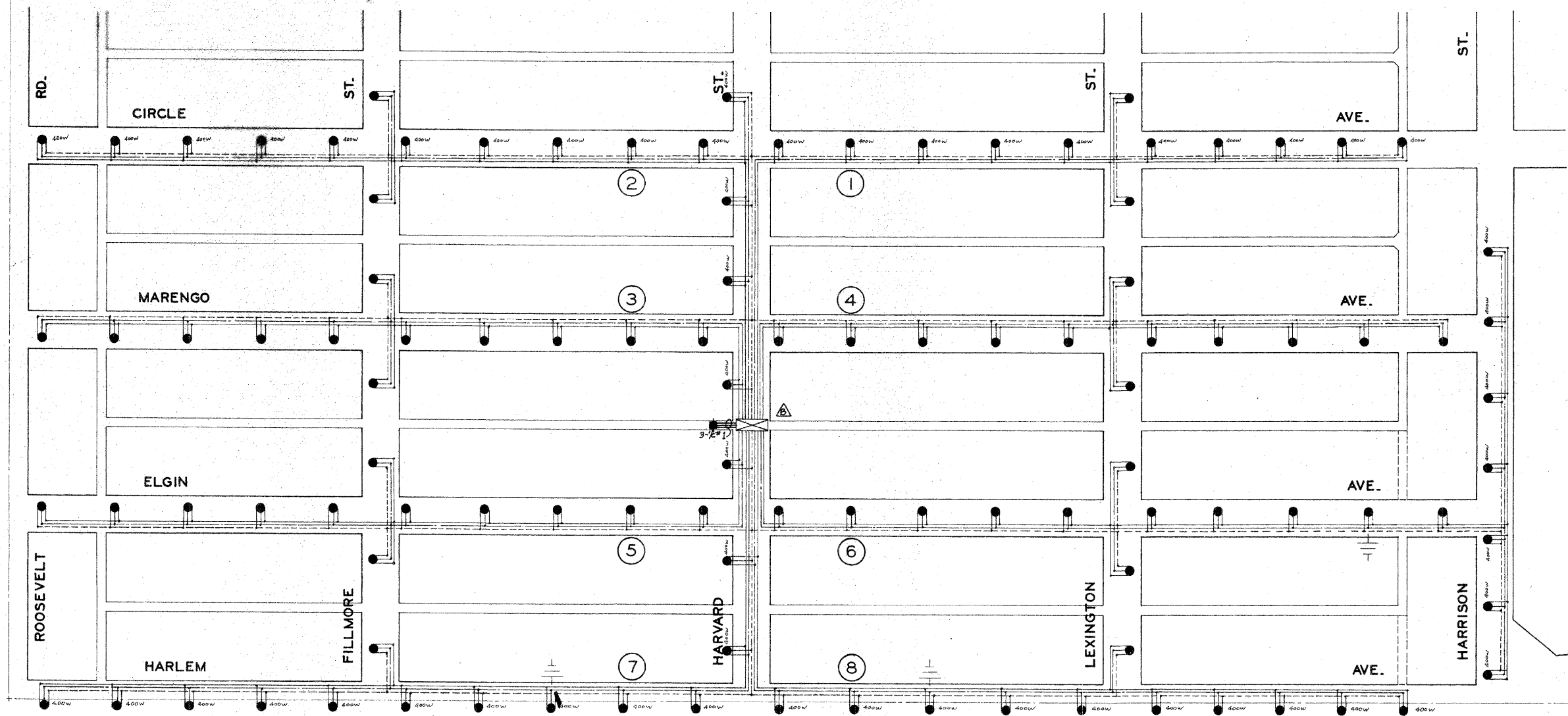
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	47
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

SHEET NO 47



SHEET NO 45



NOTE: HARLEM AVE. TO HAVE 400 WATT MERCURY VAPOR LUMINAIES.

**WIRING DIAGRAM**

**STREET LIGHTING IMPROVEMENT PROJECT**

REVISIONS		FOREST PARK, ILL.	DRAWN BY	COMB
DATE	BY		CHECKED BY	
4/15/74	C.N.	APPROVED BY		
11/1/75	MK	FIELD NOTES	MK	BOOK NO. 804-809
	AS SHOWN	DATE	2-14-74	
		SCALE	1" = 100'	
		SHEET NO.	46	OF 56 SHEETS

**EDWIN HANCOCK ENGINEERING CO.**  
CONSULTING ENGINEERS  
7521 MADISON ST. FOREST PARK, ILL. 60130

FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -
N:\FORESTPARK\070082\Mech\REC_070082_02.SHT		DRAWN -	REVISED -
PLOT SCALE = 2"		CHECKED -	REVISED -
PLOT DATE = 2/16/2009		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

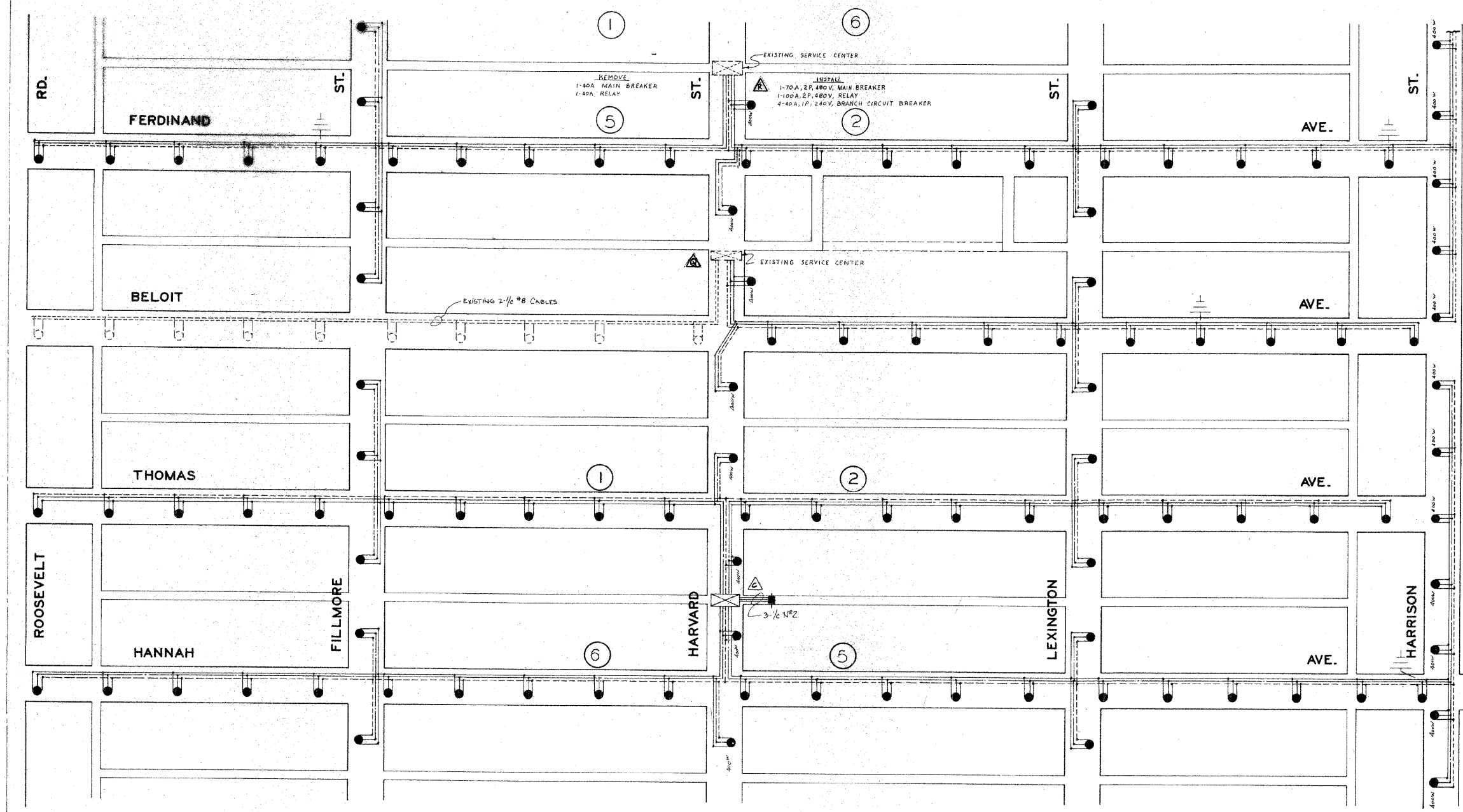
**ROADWAY LIGHTING IMPROVEMENTS - HARVARD ST.**  
**EXISTING CIRCUIT DIAGRAM (1 OF 2) RECORD DRAWING**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	48
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT			CONTRACT NO. 63148	

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



SHEET NO 48



SHEET NO 46

WIRING DIAGRAM

STREET LIGHTING IMPROVEMENT PROJECT

<b>REVISIONS</b> DATE BY 11/1/75 MK AS BUILT		DRAWN BY COMB CHECKED BY APPROVED BY EDWIN HANCOCK ENGINEERING CO. CONSULTING ENGINEERS 7521 MADISON ST. FOREST PARK, ILL. 60130	FIELD NOTES MK DATE 2-14-74 SCALE 1" = 100' SHEET NO. 47 OF 56 SHEETS
---	--	---	--

FILE NAME =	USER NAME = JBARNETT	DESIGNED -	REVISED -
Na\FORSTPARK\070082\Mech\REC_070082_05.SHT		DRAWN -	REVISED -
PLOT SCALE = 20'		CHECKED -	REVISED -
PLOT DATE = 2/18/2009		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING IMPROVEMENTS - HARVARD ST.  
EXISTING CIRCUIT DIAGRAM (2 OF 2) RECORD DRAWING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	49
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

BEGIN IMPROVEMENTS  
STA. 100+58.77

DES PLAINES AVE.

100+00

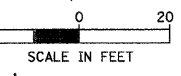
101

HARVARD STREET

TROOST AVE.

103

104



MATCH LINE STA. 105 + 00

3 UI AC

4 UI AC

1 Ac fr

LEGEND:

- INLET FILTERS
- I.P. INITIAL PLACEMENT
- SODDING, SALT TOLERANT

NOTE: FOR PLANT LIST, SEE SHEET 7.

MATCH LINE STA. 105 + 00

ALLEY

105+00

106

107

DUNLOP AVE.

HARVARD STREET

108

109

ALLEY

110+00

MATCH LINE STA. 110 + 50

1 Ac fr

1 Ac fr

FILE NAME = N:\FORESTPARK\070082\Civil\ERD.070082.d	USER NAME = JBARNETT	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 2/18/2009	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION /SEDIMENT CONTROL AND LANDSCAPING PLAN

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

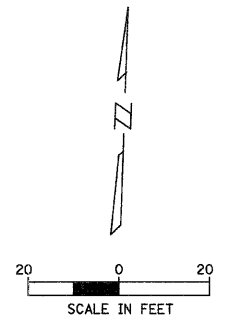
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	50
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 110+50

LATHROP AVE.

HARVARD STREET

MATCH LINE STA. 115+00



LEGEND:  
 □ INLET FILTERS  
 I.P. INITIAL PLACEMENT  
 [Hatched Box] SODDING, SALT TOLERANT  
 NOTE: FOR PLANT LIST, SEE SHEET 7.

MATCH LINE STA. 115+00

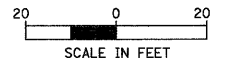
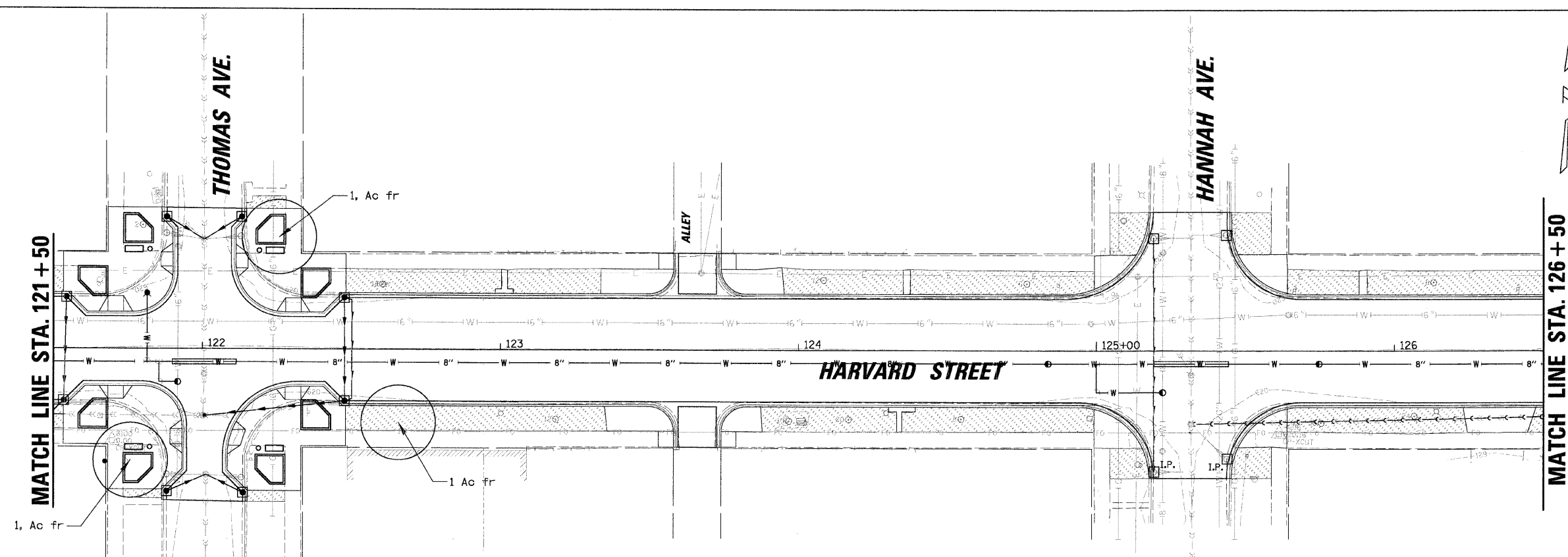
FERDINAND AVE.

HARVARD STREET

BELOIT AVE.

MATCH LINE STA. 120+50

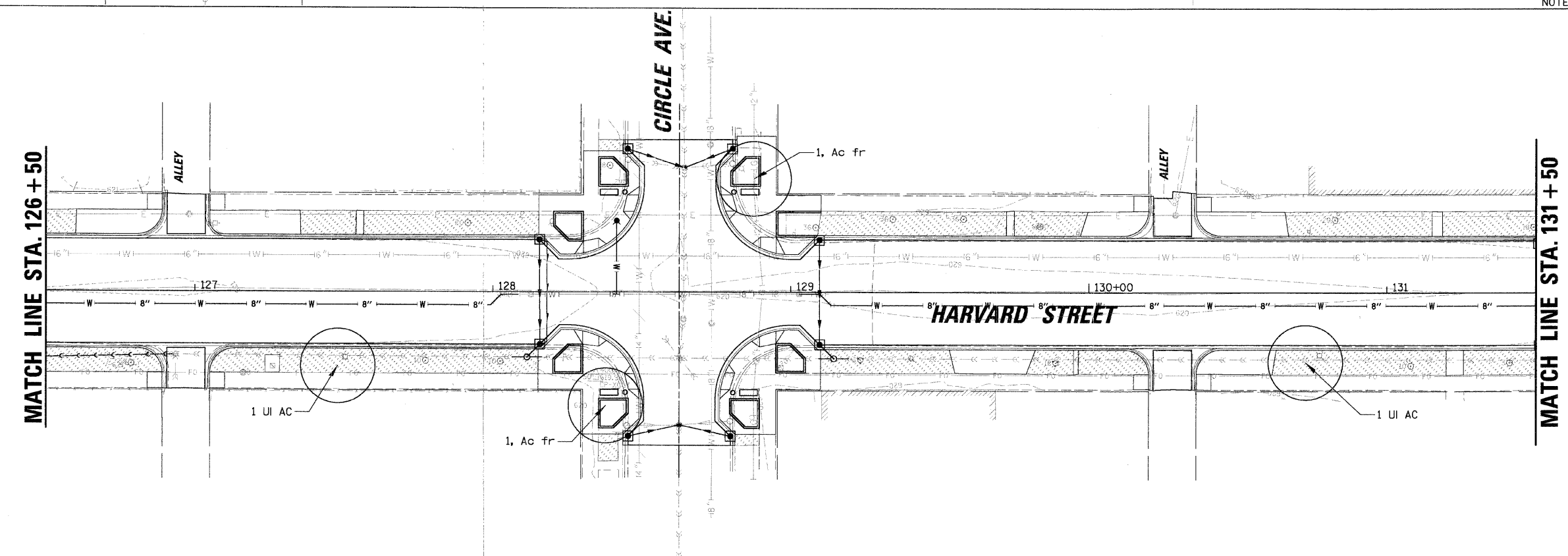
FILE NAME = N:\FORESTPARK\070082\Civil\VERO_070082_02.SHT	USER NAME = JBARNEIT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION /SEDIMENT CONTROL AND LANDSCAPING PLAN</b>	F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 51	
PLOT SCALE = 20'	PLOT DATE = 2/19/2009	DRAWN -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.					
CHECKED -	DATE -	REVISED -	REVISED -			CONTRACT NO. 63148					
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT											



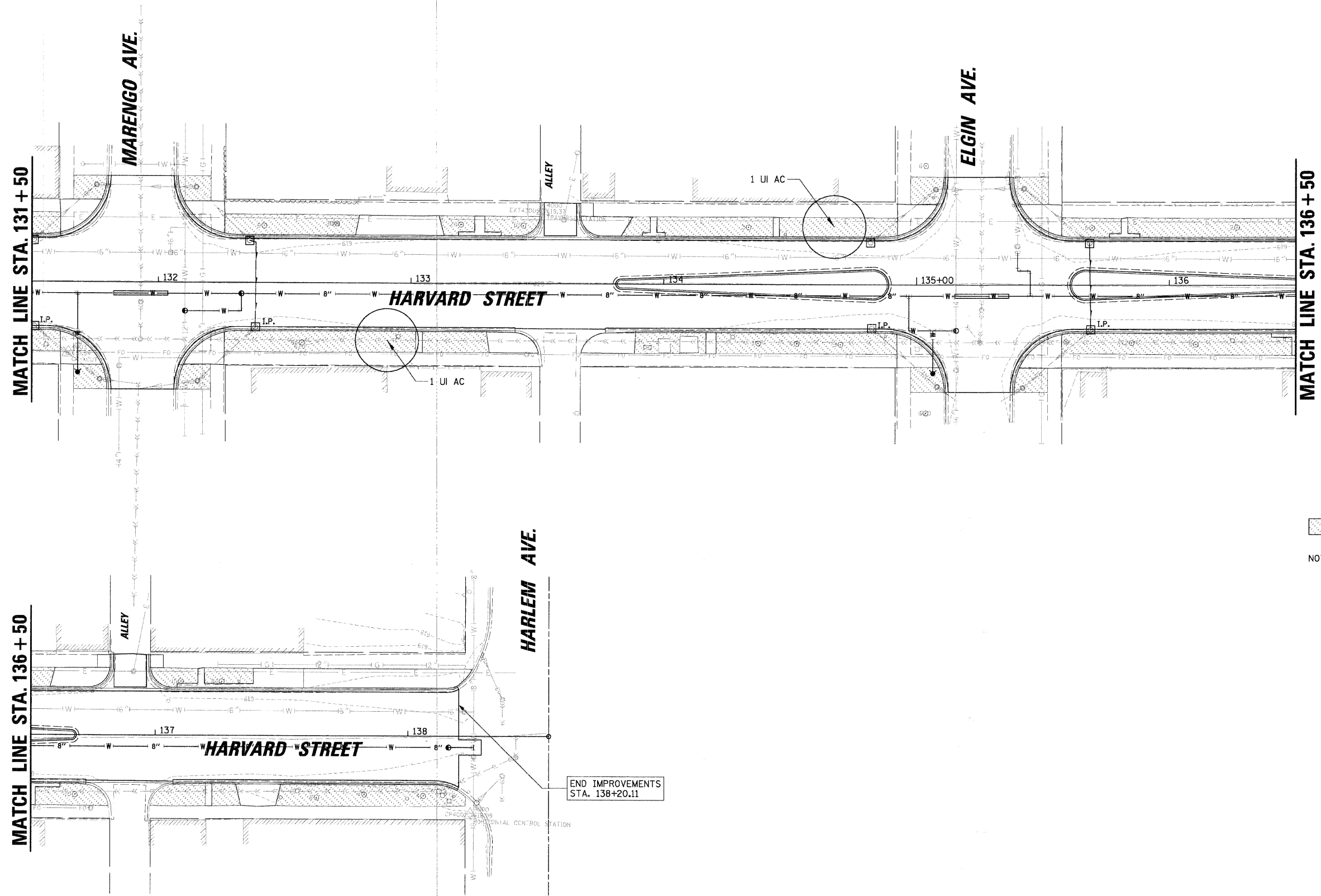
**LEGEND:**

- INLET FILTERS
- I.P. INITIAL PLACEMENT
- SODDING, SALT TOLERANT

NOTE: FOR PLANT LIST, SEE SHEET 7.



FILE NAME = N:\FORESTPARK\070002\Civil\CREC_070002_03.SHT	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION /SEDIMENT CONTROL AND LANDSCAPING PLAN</b>	F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 52	
PLOT SCALE = 20"	PLOT DATE = 2/18/2009	DRAWN -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.					
CHECKED -	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
						CONTRACT NO. 63148					



**LEGEND:**

- INLET FILTERS
- I.P. INITIAL PLACEMENT
- SODDING, SALT TOLERANT

NOTE: FOR PLANT LIST, SEE SHEET 7.

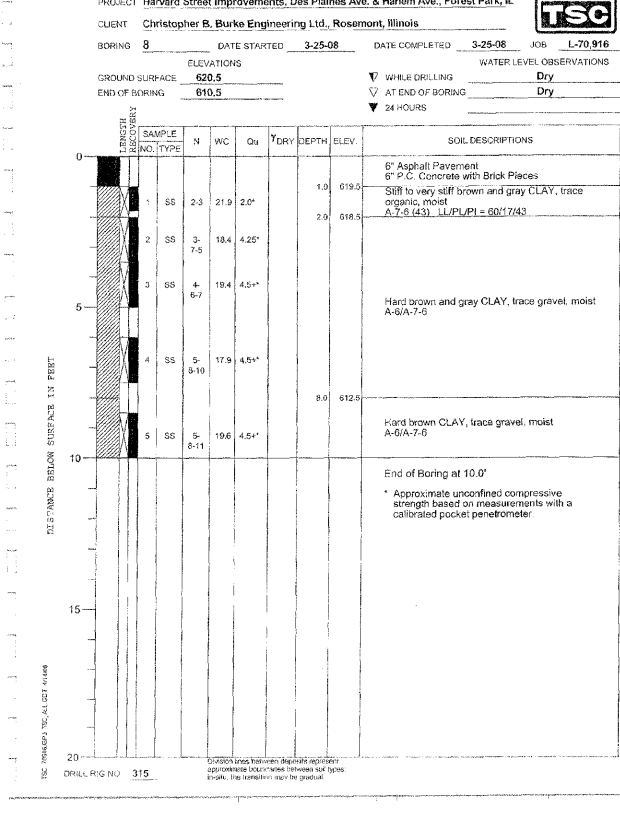
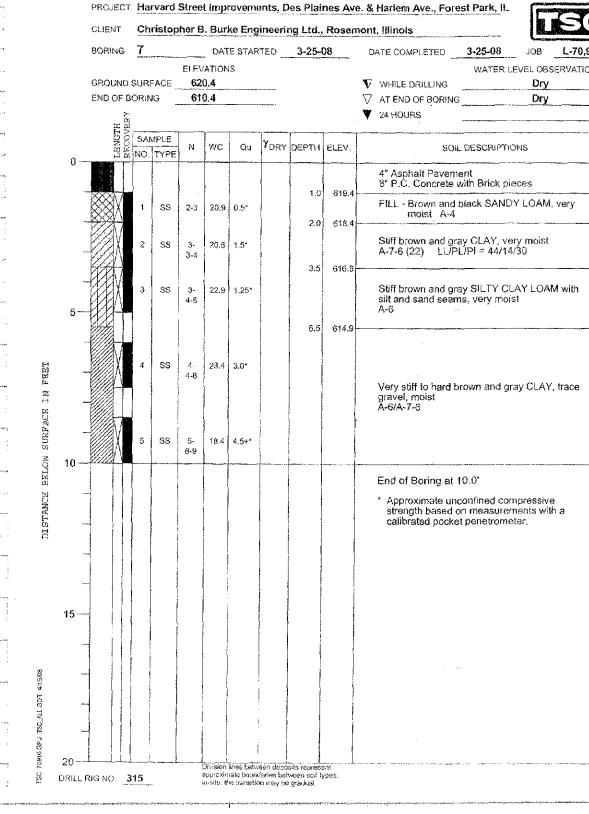
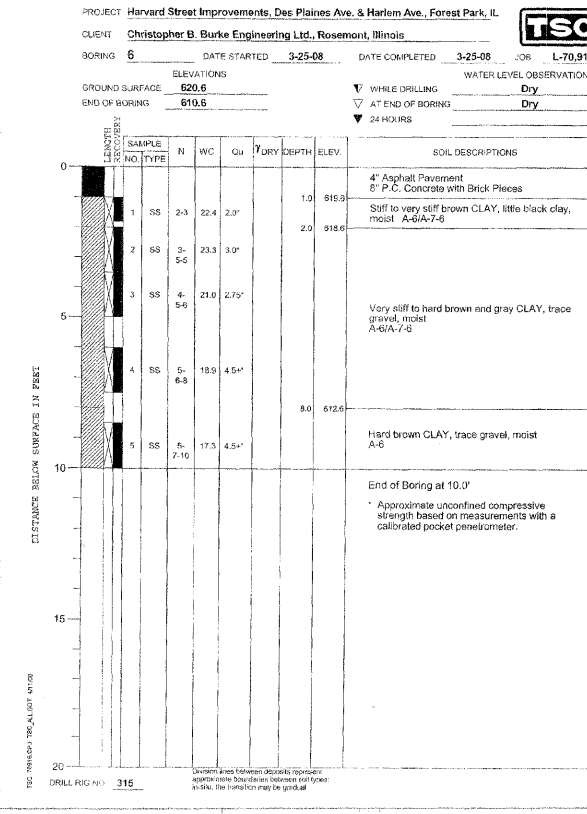
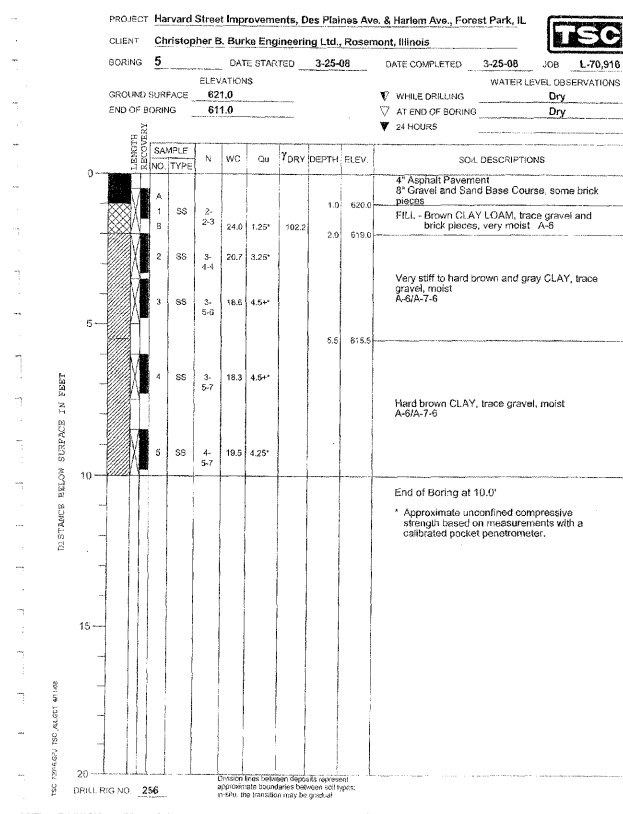
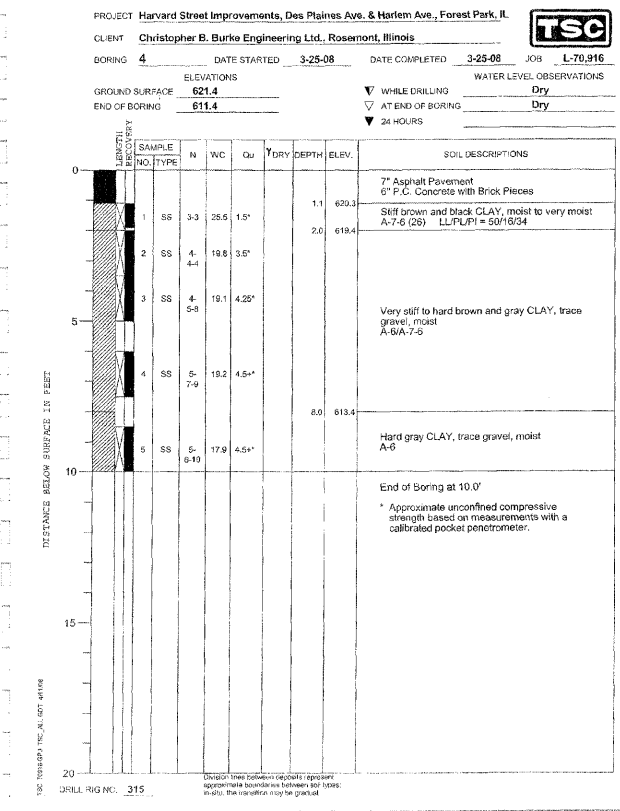
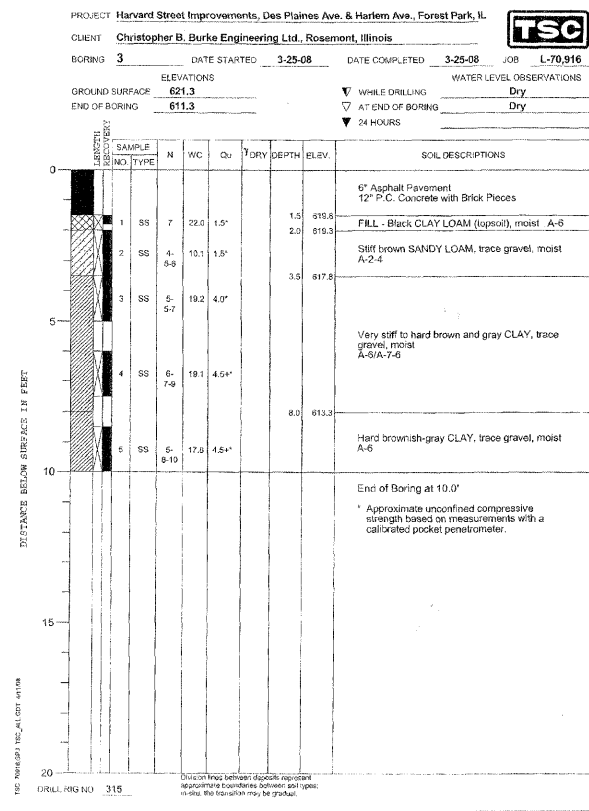
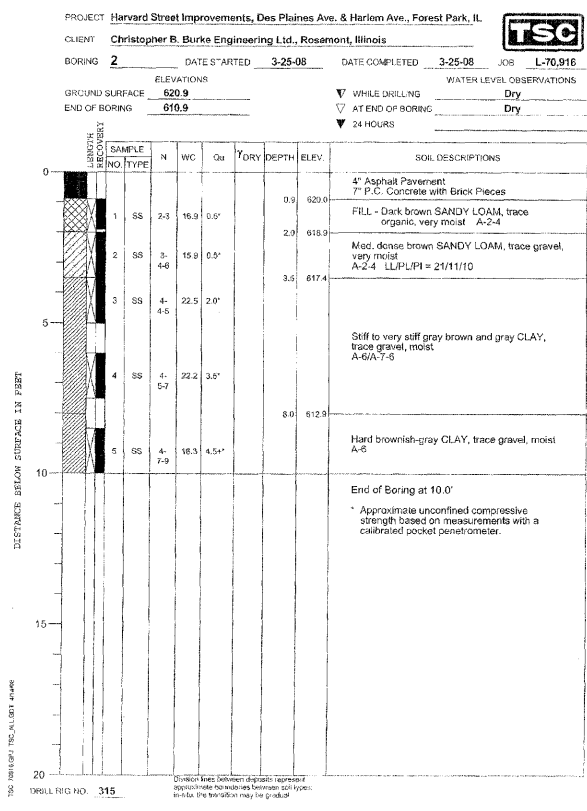
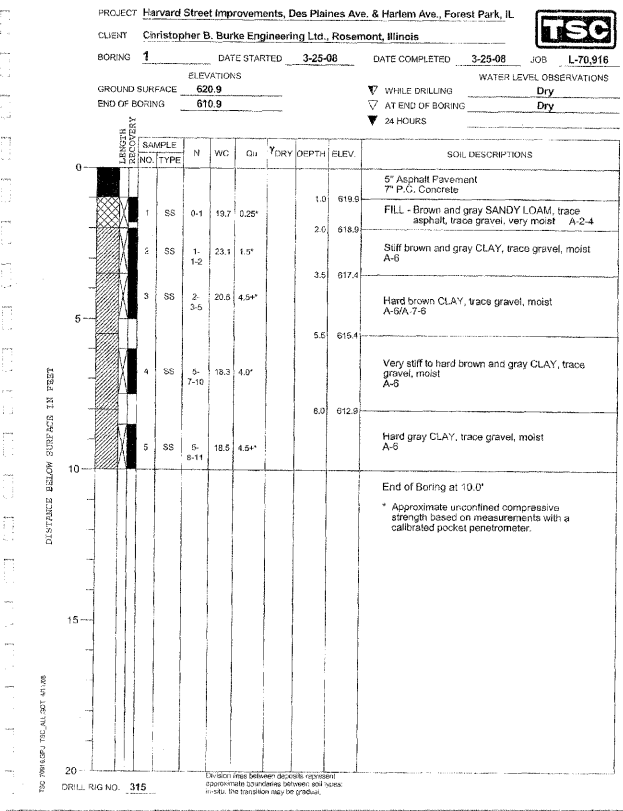
FILE NAME = N:\FORESTPARK\070082\C\1\VER0_070082_04.SHT	USER NAME = JBARNETT	DESIGNED -	REVISED -
PLOT SCALE = 20'	PLOT DATE = 2/18/2009	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

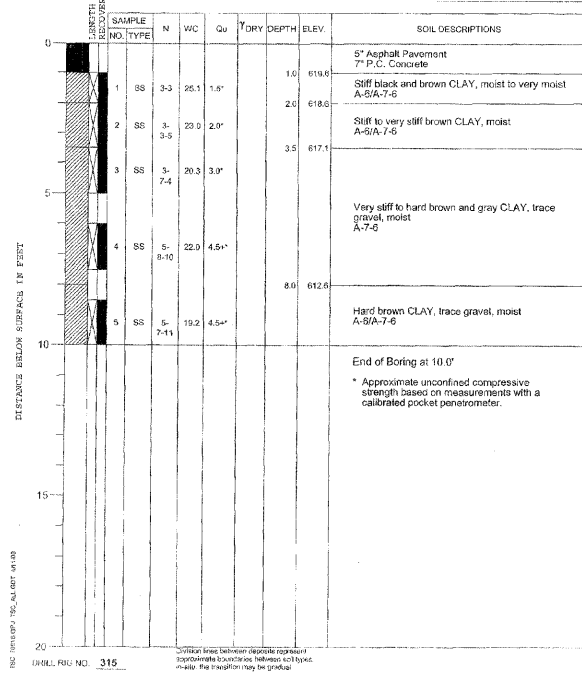
**EROSION /SEDIMENT CONTROL AND LANDSCAPING PLAN**

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

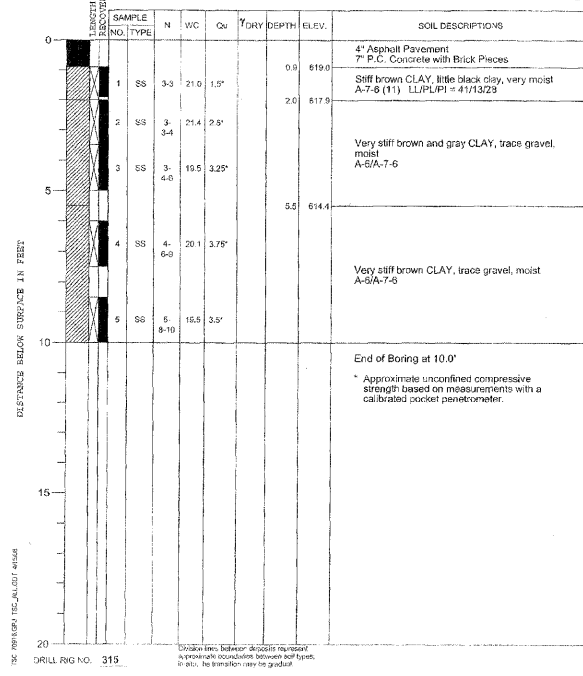
F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 53
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



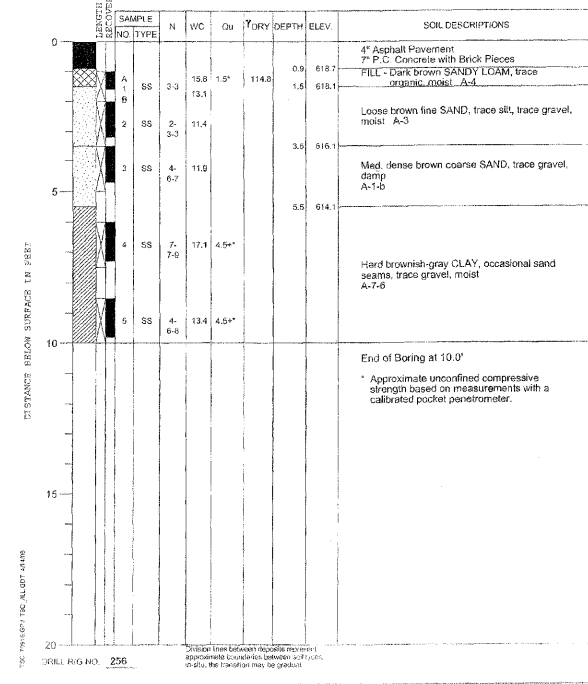
PROJECT Harvard Street Improvements, Des Plaines Ave. & Harlem Ave., Forest Park, IL  
 CLIENT Christopher B. Burke Engineering Ltd., Rosemont, Illinois  
 BORING 9 DATE STARTED 3-25-08 DATE COMPLETED 3-25-08 JOB L-70,916  
 ELEVATIONS  
 GROUND SURFACE 626.6  
 END OF BORING 610.6  
 WHILE DRILLING Dry  
 AT END OF BORING Dry  
 24 HOURS



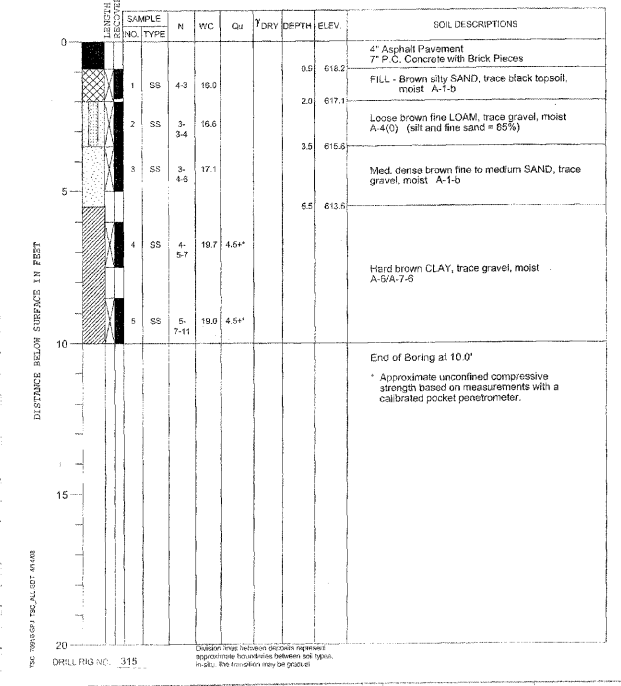
PROJECT Harvard Street Improvements, Des Plaines Ave. & Harlem Ave., Forest Park, IL  
 CLIENT Christopher B. Burke Engineering Ltd., Rosemont, Illinois  
 BORING 10 DATE STARTED 3-25-08 DATE COMPLETED 3-25-08 JOB L-70,916  
 ELEVATIONS  
 GROUND SURFACE 619.9  
 END OF BORING 609.9  
 WHILE DRILLING Dry  
 AT END OF BORING Dry  
 24 HOURS



PROJECT Harvard Street Improvements, Des Plaines Ave. & Harlem Ave., Forest Park, IL  
 CLIENT Christopher B. Burke Engineering Ltd., Rosemont, Illinois  
 BORING 11 DATE STARTED 3-25-08 DATE COMPLETED 3-25-08 JOB L-70,916  
 ELEVATIONS  
 GROUND SURFACE 619.6  
 END OF BORING 609.6  
 WHILE DRILLING Dry  
 AT END OF BORING Dry  
 24 HOURS

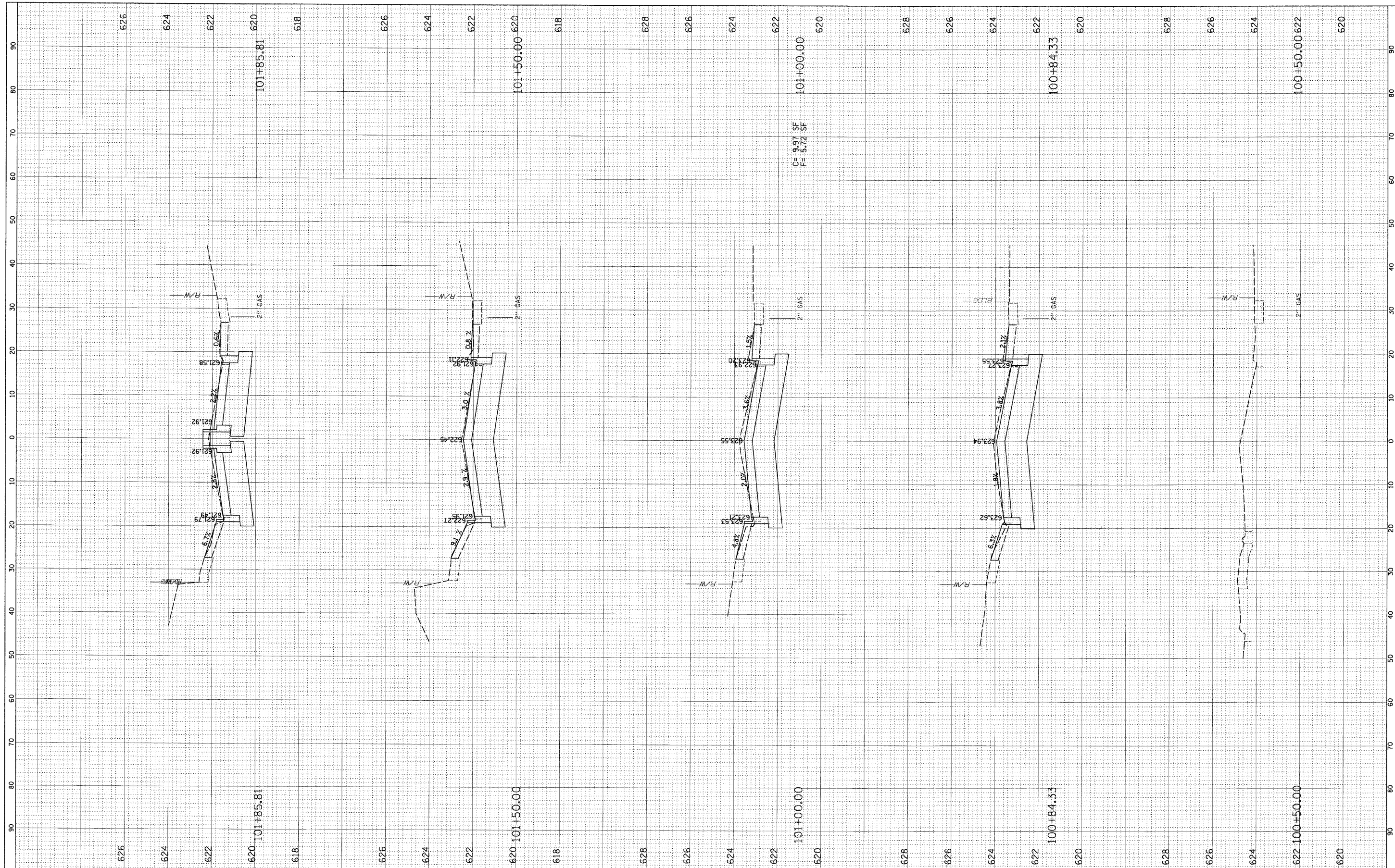


PROJECT Harvard Street Improvements, Des Plaines Ave. & Harlem Ave., Forest Park, IL  
 CLIENT Christopher B. Burke Engineering Ltd., Rosemont, Illinois  
 BORING 12 DATE STARTED 3-25-08 DATE COMPLETED 3-25-08 JOB L-70,916  
 ELEVATIONS  
 GROUND SURFACE 619.1  
 END OF BORING 609.1  
 WHILE DRILLING Dry  
 AT END OF BORING Dry  
 24 HOURS



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

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



FILE NAME = N:\FORESTPARK\070082\Cv1\LAY\_070082.SHT

USER NAME = JBARNETT  
 PLOT SCALE = 1"=40'  
 PLOT DATE = 2/18/2009

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS-SECTIONS  
 HARVARD STREET**

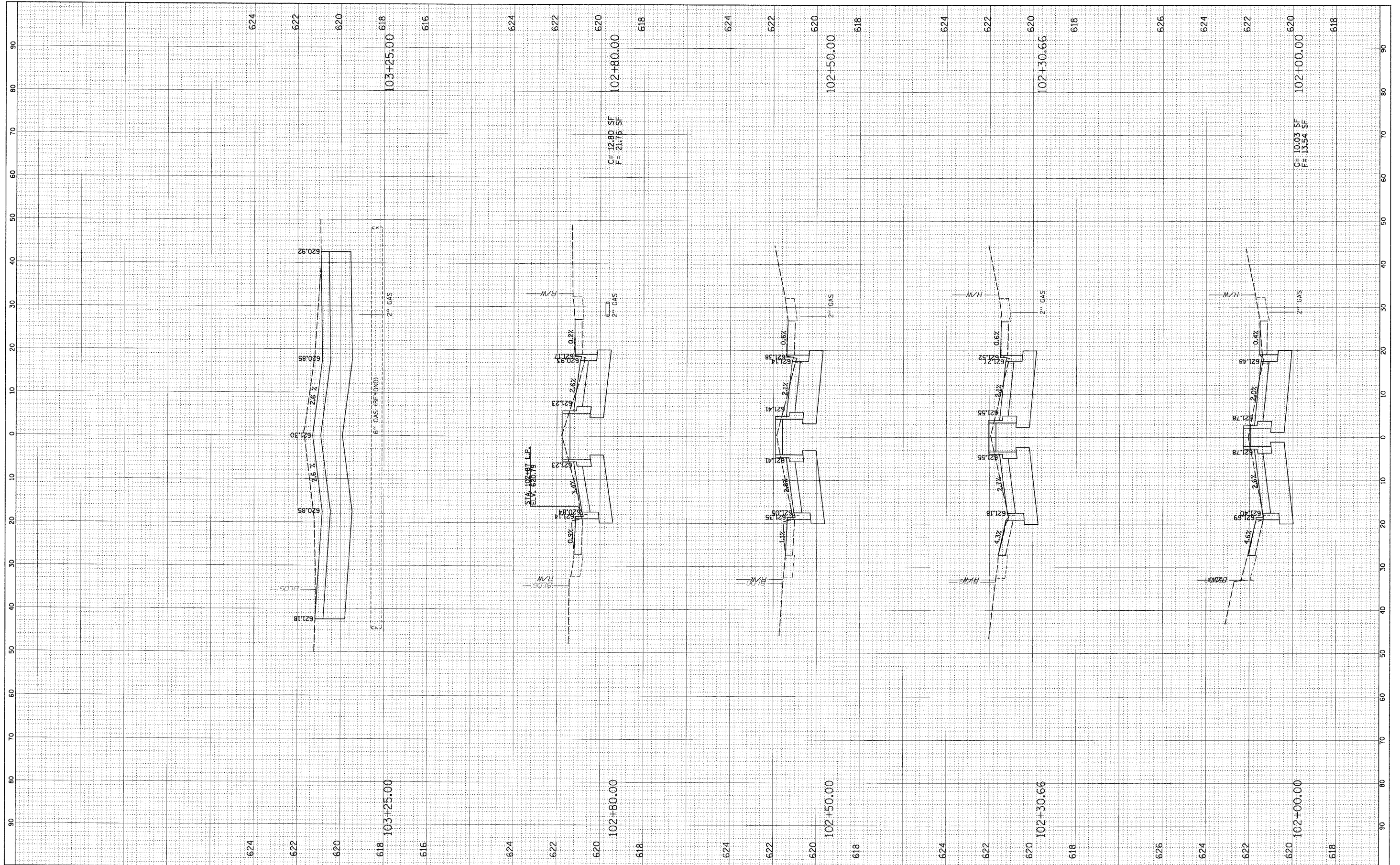
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	56
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FINAL	SUPERVISED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SUPERVISED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



FILE NAME = N:\FORESTPARK\070082\Civil\A\072082.SHI

USER NAME = JBARNETT  
 PLOT SCALE = 10'  
 PLOT DATE = 2/18/2009

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

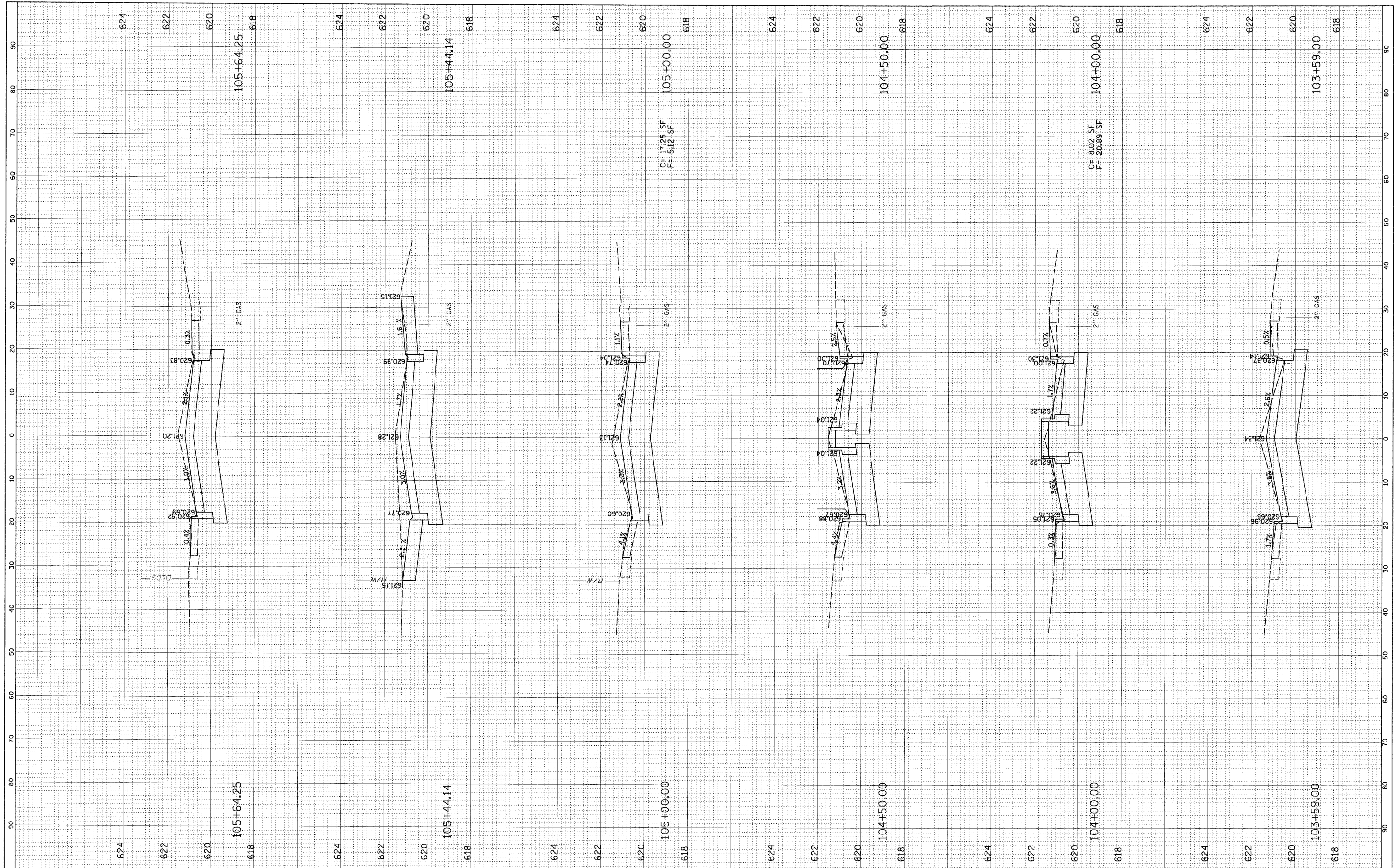
**CROSS-SECTIONS  
HARVARD STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	57
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = N:\FORESTPARK\0700B2\Civil\LAY\_0700B2.SHT

USER NAME = JBARNETT  
 PLOT SCALE = 1/8"  
 PLOT DATE = 2/19/2009

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

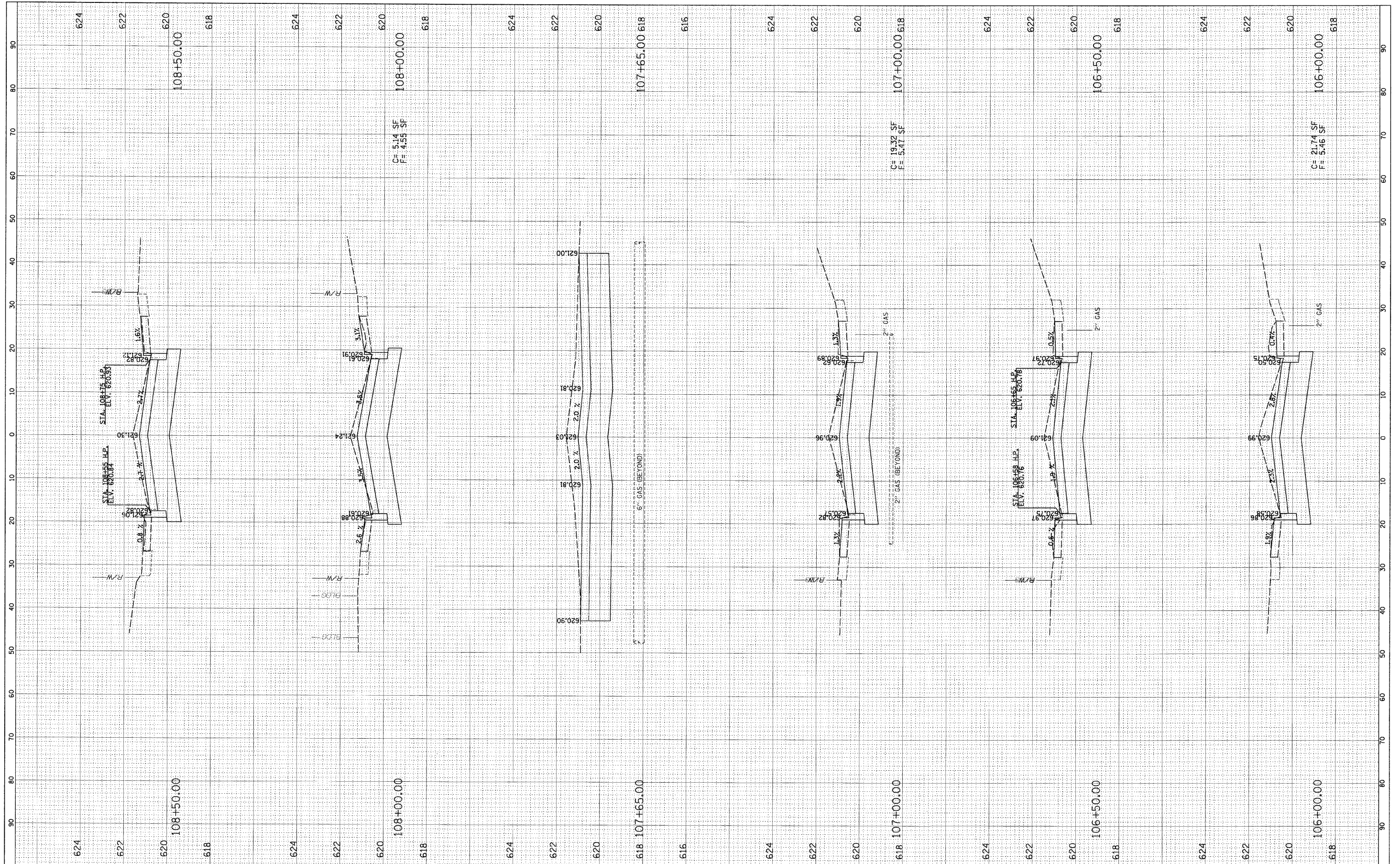
**CROSS-SECTIONS  
HARVARD STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	58
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

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

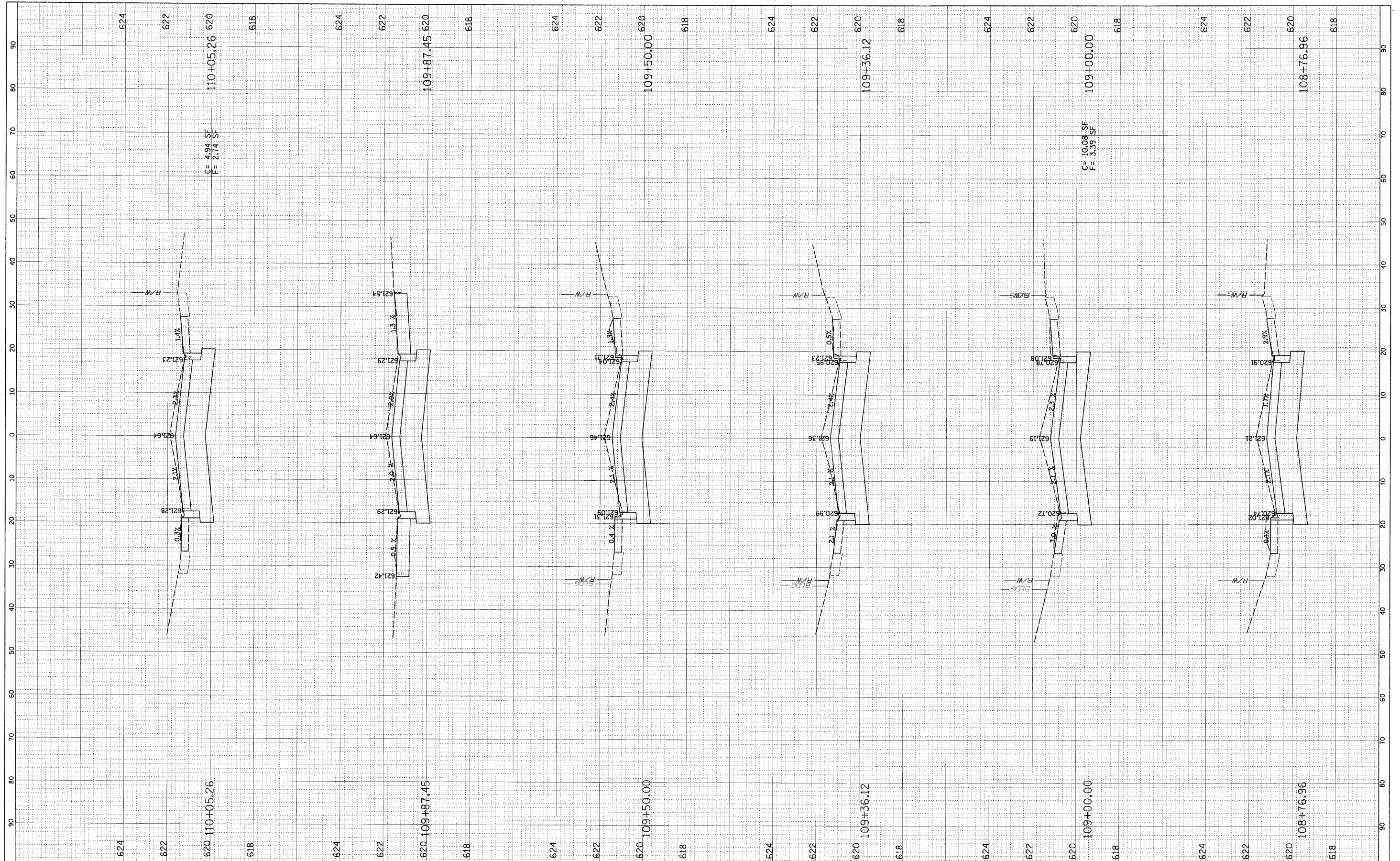
ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		



FILE NAME = N:\FORESTPARK\0700282\Civil\LAY_0700282.SHT	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS-SECTIONS HARVARD STREET</b>				F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 59
	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 63148		
	PLOT DATE = 2/19/2009	CHECKED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -										

FINAL SURVEY	SURVISED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
NO.	CHECKED		

ORIGINAL SURVEY	SURVISED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
NO.	CHECKED		



FILE NAME = N:\FORESTPARK\070022\C1\1\LAY\_070022.SHT  
 USER NAME = JBARNETT  
 PLOT SCALE = 1" = 10'  
 PLOT DATE = 2/19/2009

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

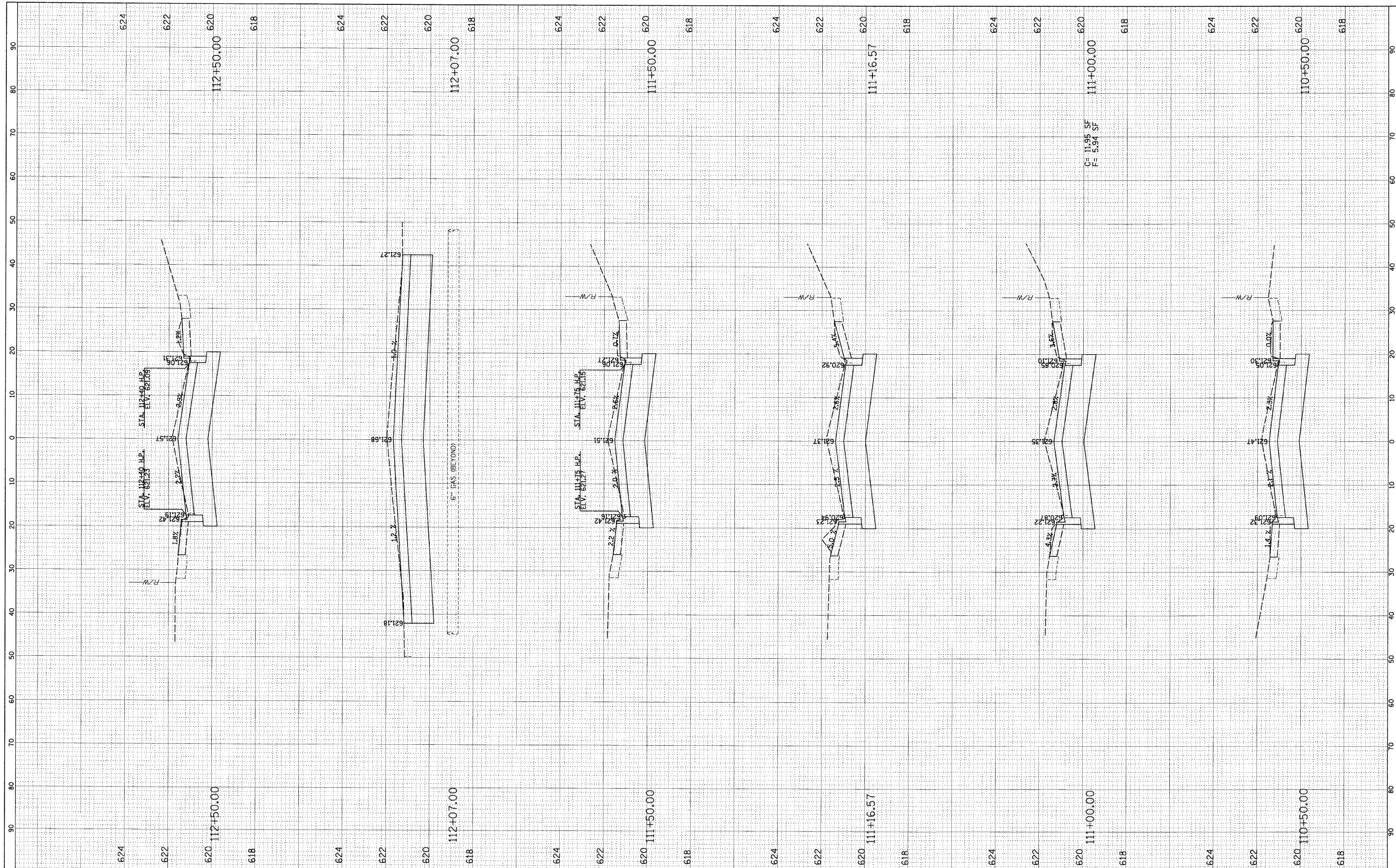
**CROSS-SECTIONS  
 HARVARD STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	60
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	DATE
SHEET	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SHEET	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



FILE NAME = N:\FORESTPARK\070022\Civil\LAY\_070022.SHT  
 USER NAME = JOHNETT  
 PLOT SCALE = 10'  
 PLOT DATE = 2/19/2009

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

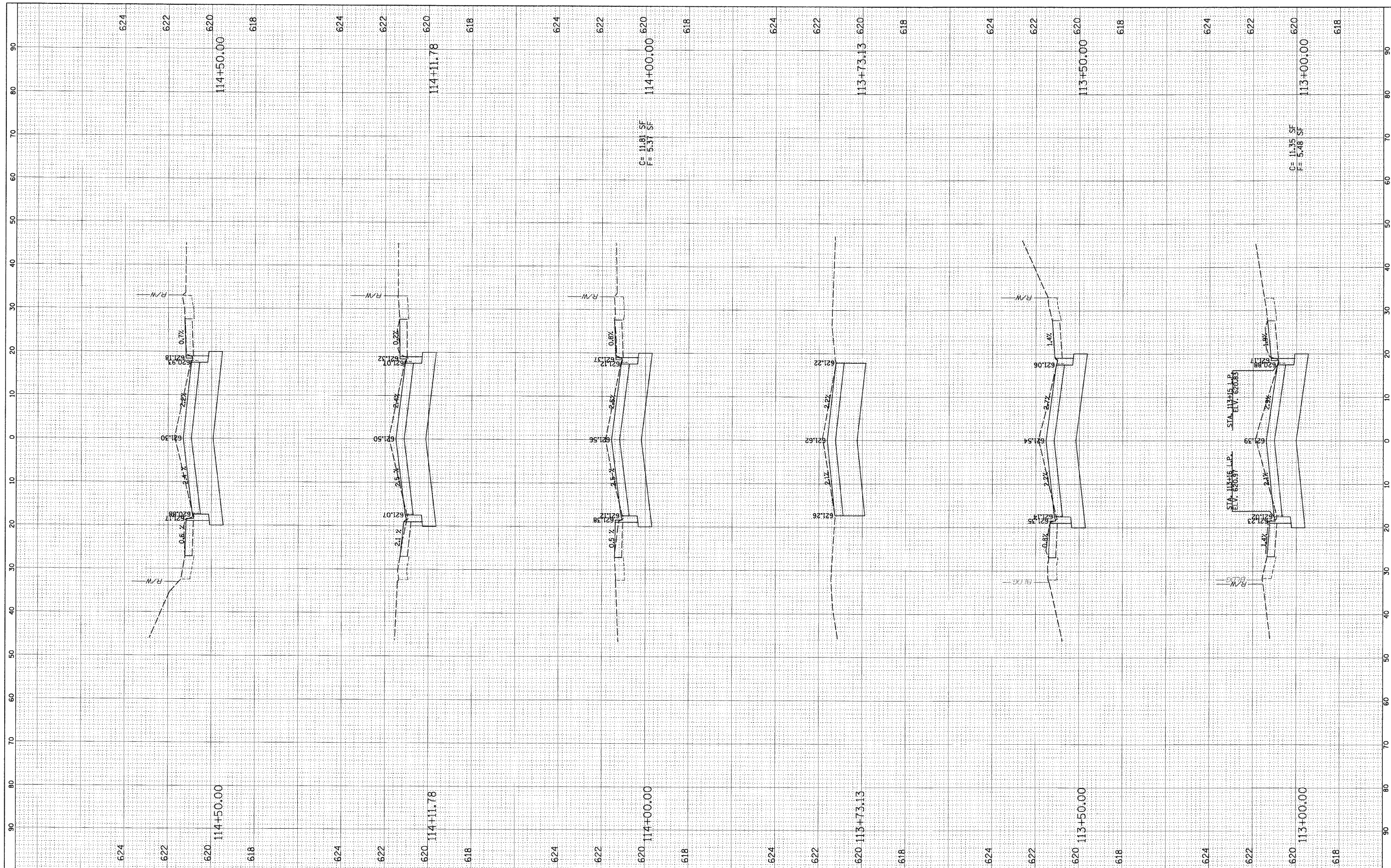
**CROSS-SECTIONS  
 HARVARD STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	61
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
NO. _____		
REVISIONS		
DATE		
BY		
NO.		

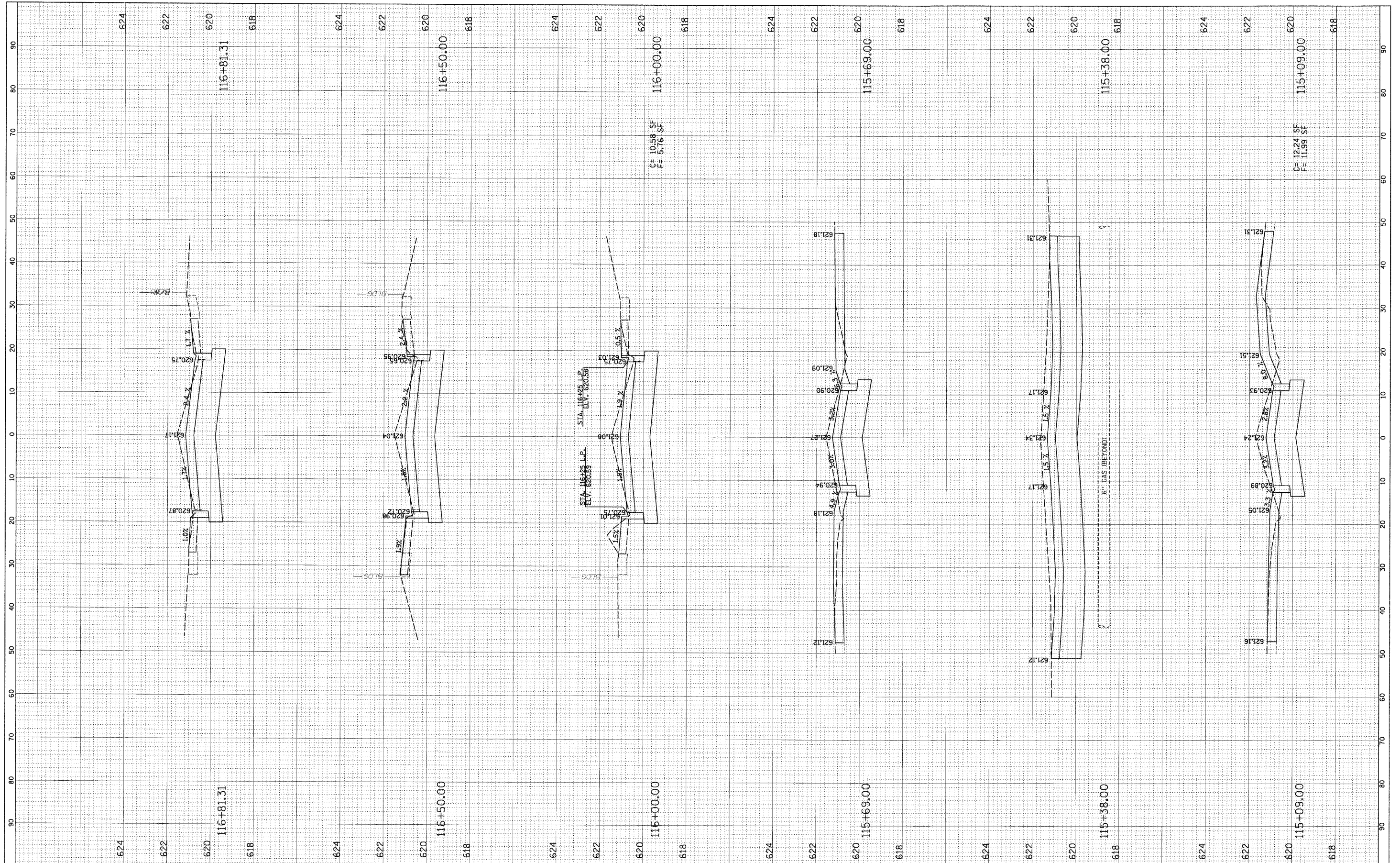
ORIGINAL SURVEY	BY	DATE
NO. _____		
REVISIONS		
DATE		
BY		
NO.		



FILE NAME = N:\FORESTPARK\070082\Cv1\LAY_070082.SHT	USER NAME = JBARNETT	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS-SECTIONS HARVARD STREET</b>				F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 62
	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 63148		
	PLOT DATE = 2/18/2009	CHECKED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -										

FINAL SURVEY NO.	SUPERVISOR	DATE
NOTE BOOK NO.	PLOTTED	BY
AREAS CHECKED	TEMPLATE	DATE
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SUPERVISOR	DATE
NOTE BOOK NO.	PLOTTED	BY
AREAS CHECKED	TEMPLATE	DATE
	AREAS CHECKED	



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS-SECTIONS  
HARVARD STREET**

FILE NAME = N:\FORESTPARK\070082\Cv1\LAY\_070082.SHT  
 USER NAME = JBARNETT  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE - 2/18/2009

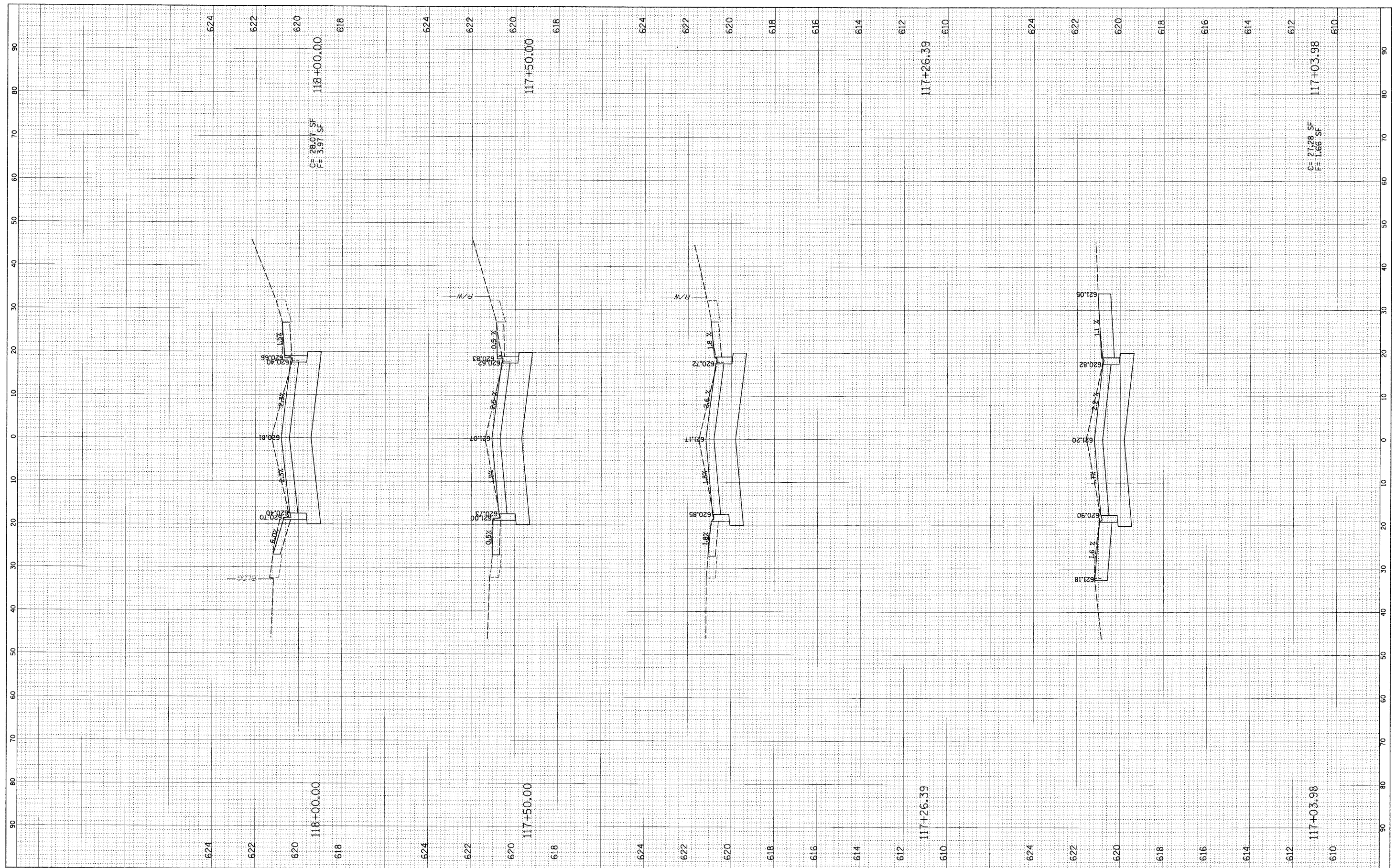
REVISIONS:  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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

F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 63
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 63148				

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

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



FILE NAME = N:\FORESTPARK\070002\C1\1\LAY\_070002.SHT

USER NAME = JOHANNETT  
 PLOT SCALE = 1"=40'  
 PLOT DATE = 2/19/2009

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

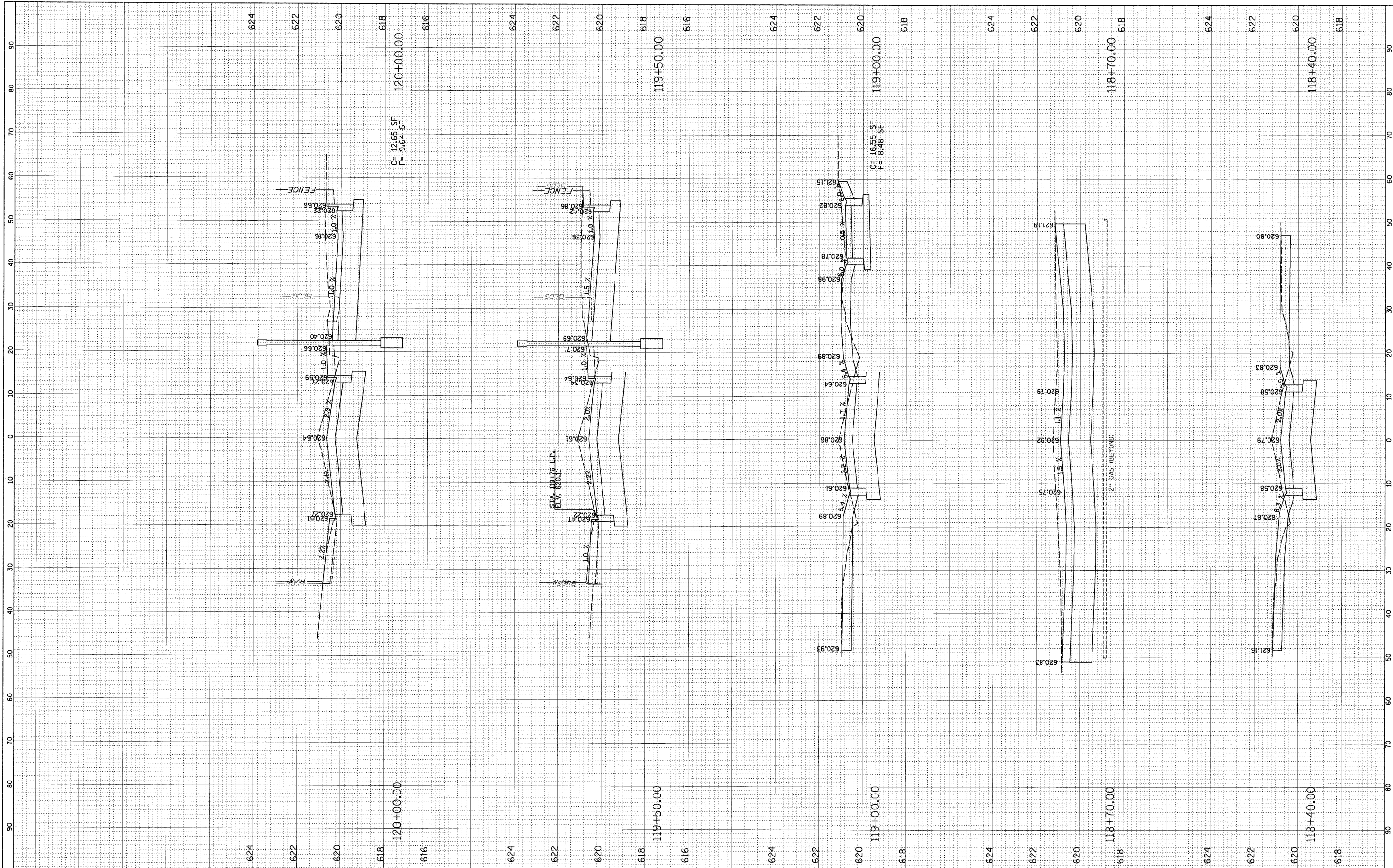
<b>CROSS-SECTIONS HARVARD STREET</b>				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	64
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



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

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



FILE NAME = N:\FORESTPARK\072002\Cv1\1\6Y\_070002.SHT  
 USER NAME = JBARNETT

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISD -  
 REVISD -  
 REVISD -  
 REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

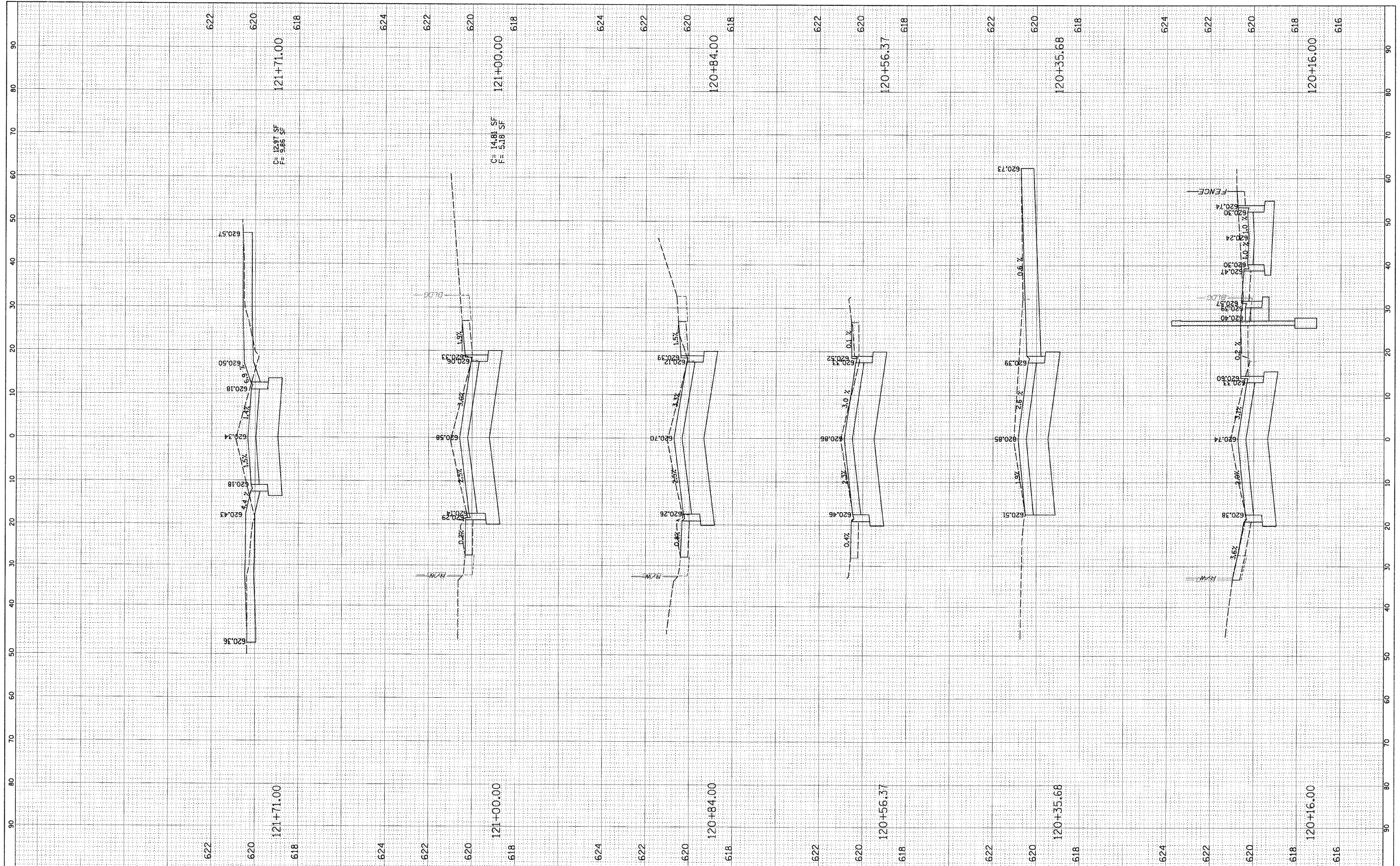
**CROSS-SECTIONS  
 HARVARD STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	65
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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



FILE NAME = N:\FORESTPARK\070022\Cv1\LAY\_070022.SHT

USER NAME = JBARNETT  
 PLOT SCALE = 10'  
 PLOT DATE = 2/19/2009

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

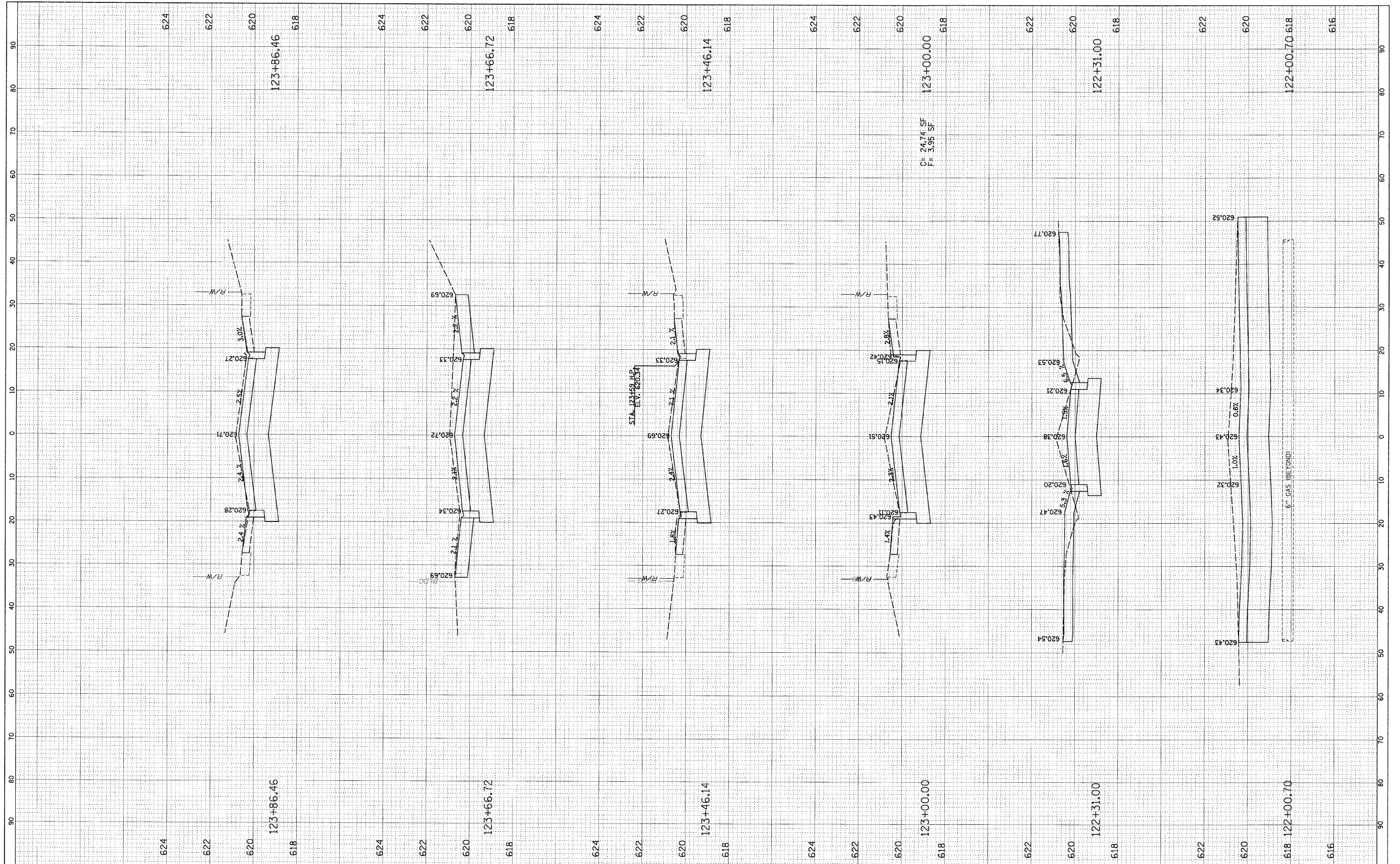
**CROSS-SECTIONS  
 HARVARD STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	66
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

FINAL SURVEY SUPERVED BY DATE  
 SURVEY PLOTTED BY  
 NOTE BOOK NO. TEMPLATE AREAS CHECKED  
 NO. AREAS UNCHECKED

ORIGINAL SURVEY SUPERVED BY DATE  
 SURVEY PLOTTED BY  
 NOTE BOOK NO. TEMPLATE AREAS CHECKED  
 NO. AREAS UNCHECKED



C= 24.74 SF  
 F= 3.95 SF

FILE NAME = N:\FORESTPARK\070082\Civil\LAY\_070082.SHT  
 USER NAME = JGARRETT  
 PLOT SCALE = 10'  
 PLOT DATE = 2/18/2009

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

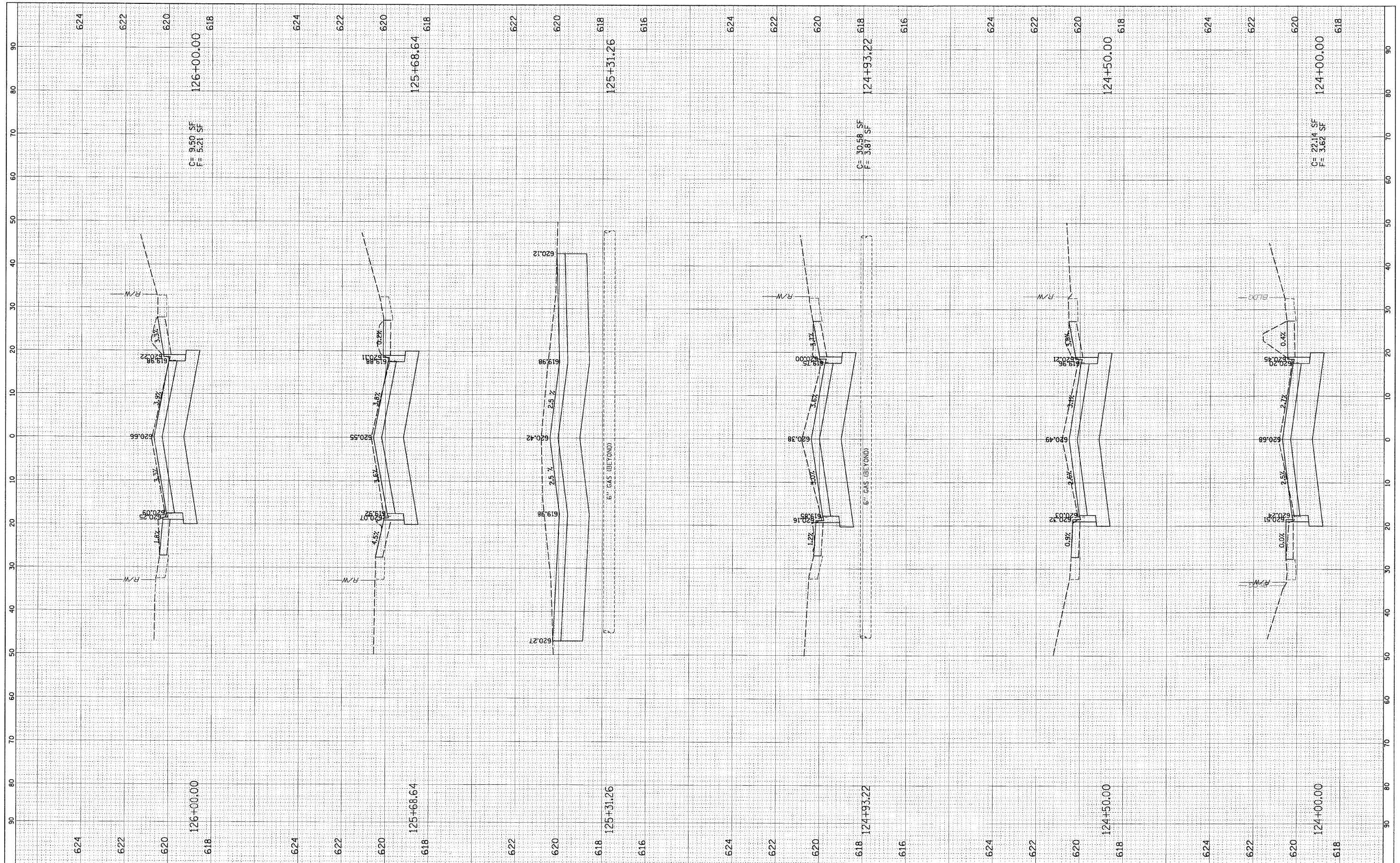
CROSS-SECTIONS  
 HARVARD STREET

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

F.A.U. RTE. 1702	SECTION 07-00106-00-PV	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 67
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = N:\FORESTPARK\072082\Civil\LAY\_070082.SHT  
 USER NAME = JBARNETT  
 PLOT SCALE = 1" = 10'  
 PLOT DATE = 2/18/2009

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

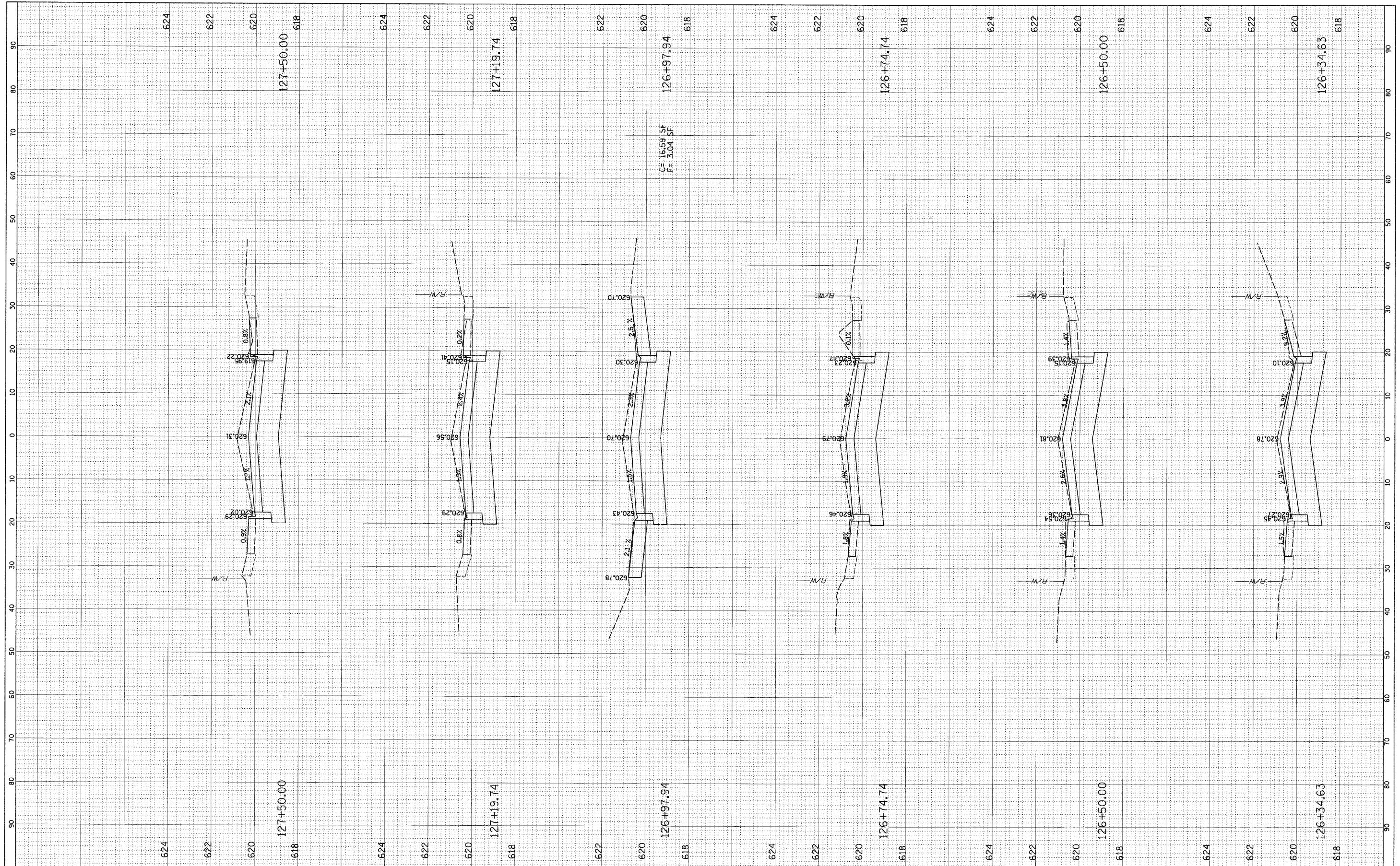
**CROSS-SECTIONS  
HARVARD STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
1702	07-00106-00-PV	COOK	75 68
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63148

FINISH	SURVEYED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
AREAS CHECKED		

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
AREAS CHECKED		



FILE NAME = N:\FORESTPARK\070082\Civil\LAY\_070082.SHT  
 USER NAME = JBARNETT

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISD -  
 REVISD -  
 REVISD -  
 REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

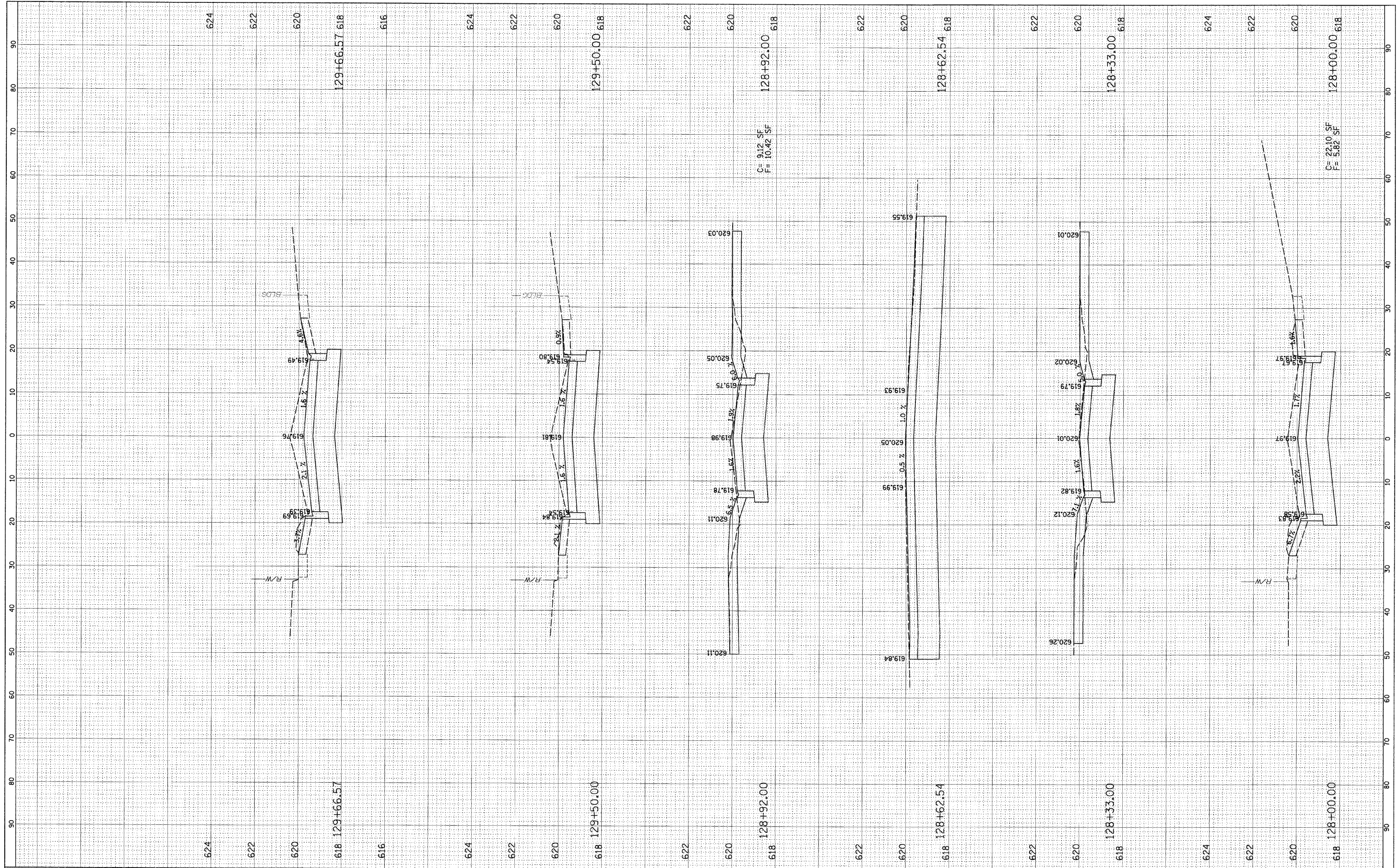
**CROSS-SECTIONS  
 HARVARD STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	69
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63148	

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

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



FILE NAME = N:\FORESTPARK\072082\Civil\LAY\_070802.SHT

USER NAME = JBARNETT  
 PLOT SCALE = 10'  
 PLOT DATE = 2/18/2009

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

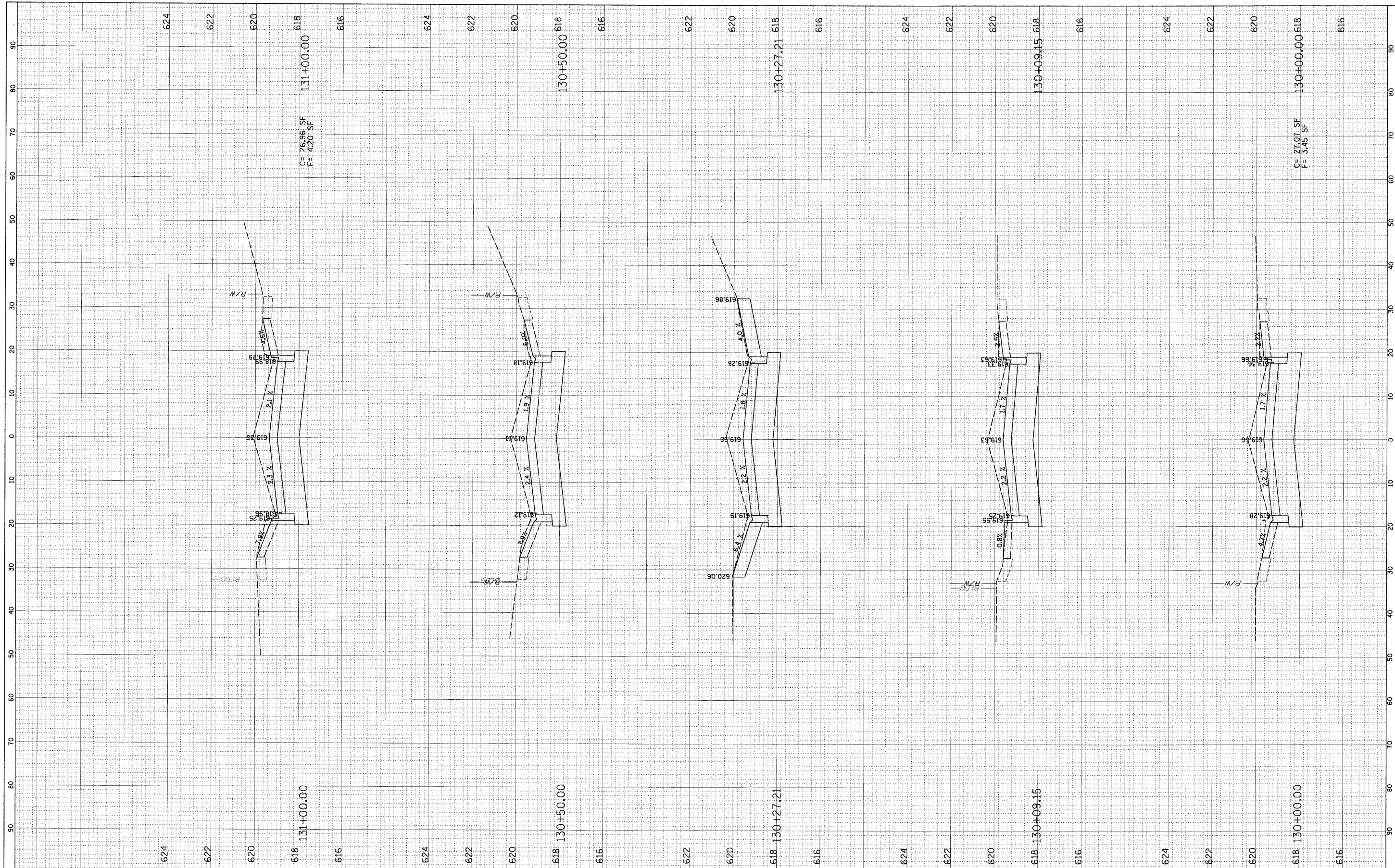
**CROSS-SECTIONS  
 HARVARD STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	70
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = N:\FORESTPARK\070082\Civil\LAY\_070082.SHT  
 USER NAME = JBARNETT

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

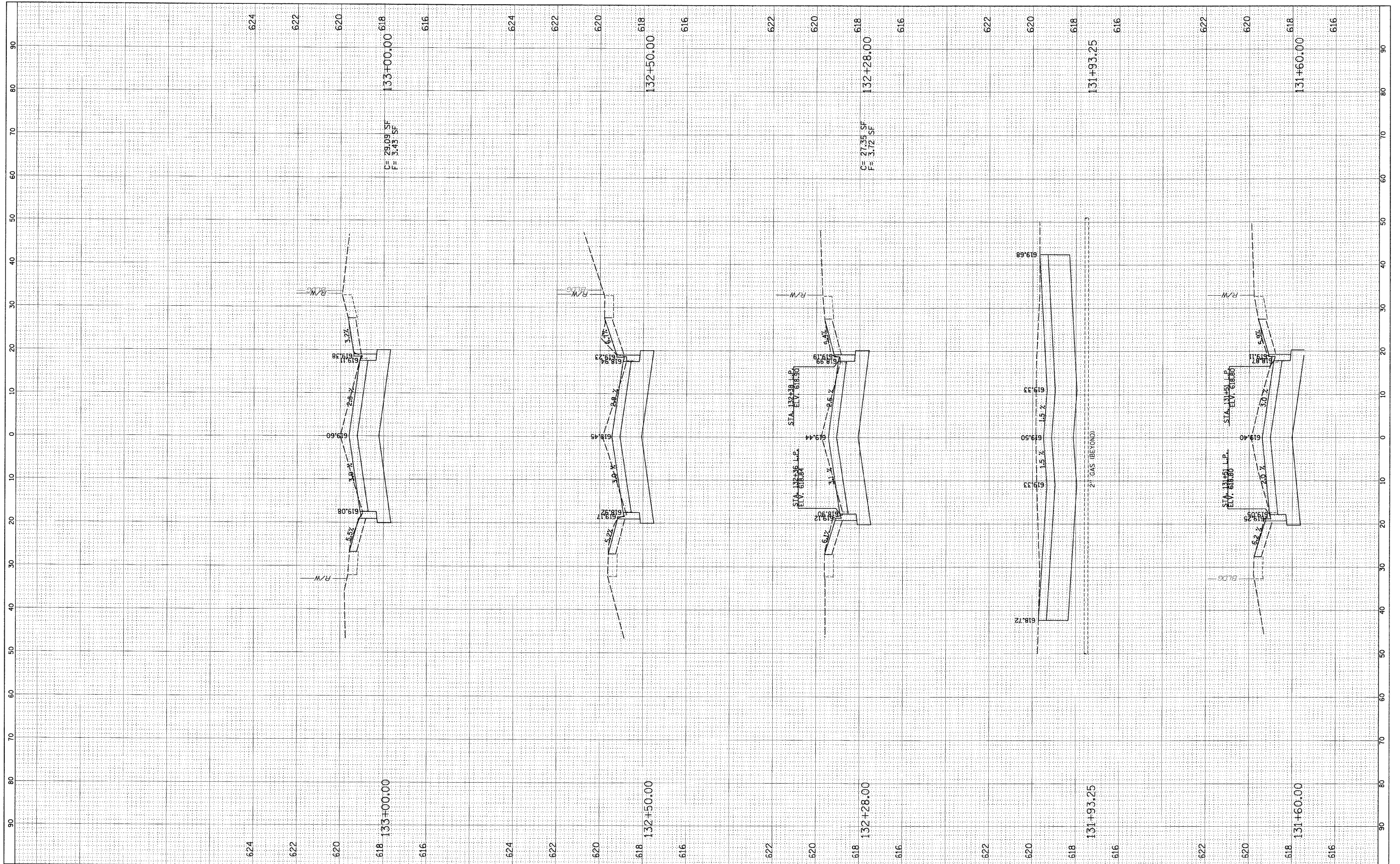
**CROSS-SECTIONS  
 HARVARD STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	71
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 63148				

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

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



FILE NAME = N:\FORESTPARK\070052\Civil\RAY\_070052.SHT  
 USER NAME = J3ARNETT

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS-SECTIONS  
 HARVARD STREET**

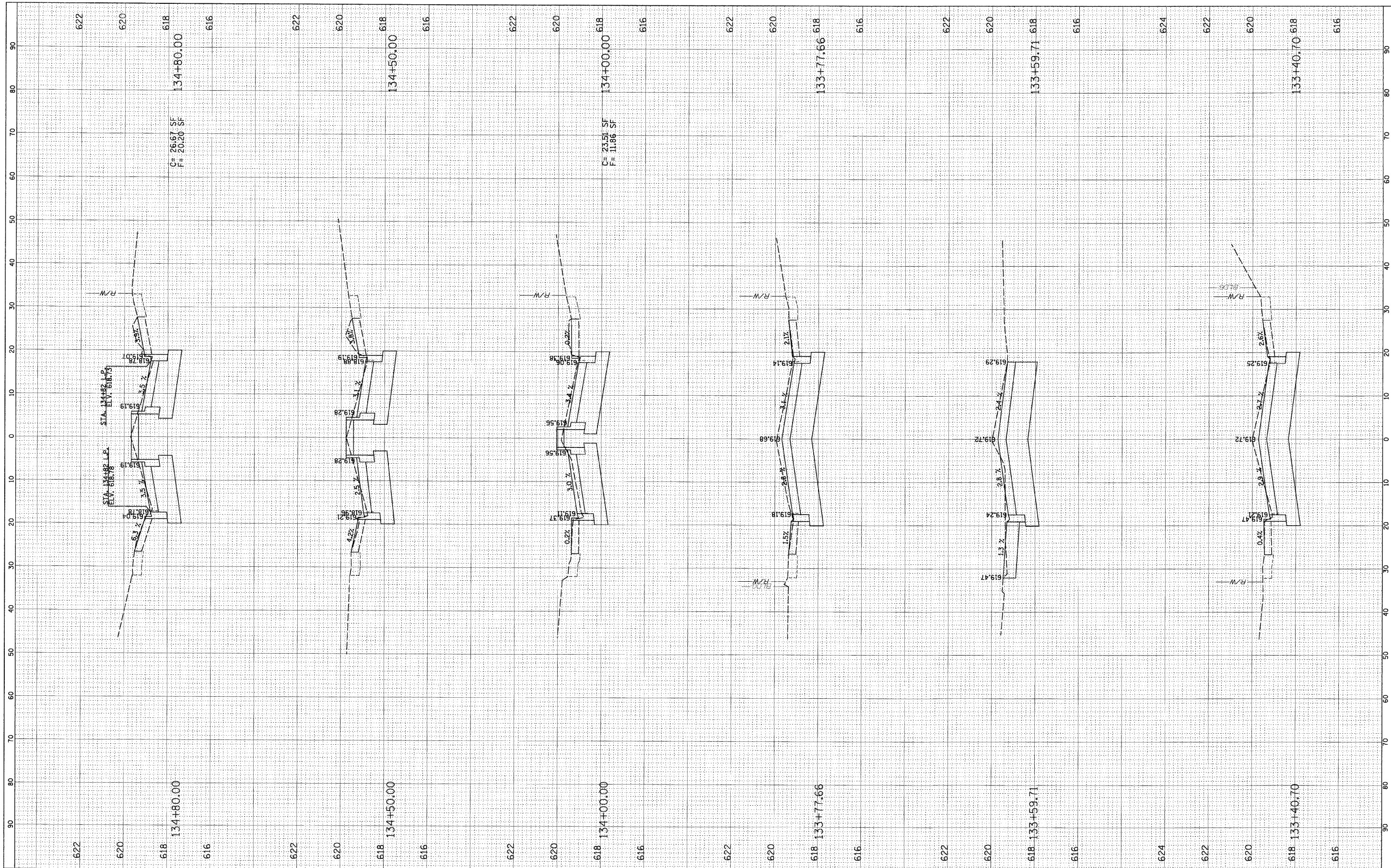
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	72
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63148	



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

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



FILE NAME = N:\FCRESTPARK\070082\Civil\LAY\_070082.SHT  
 USER NAME = JBARNETT  
 PLOT SCALE = 10'  
 PLOT DATE = 2/18/2009

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

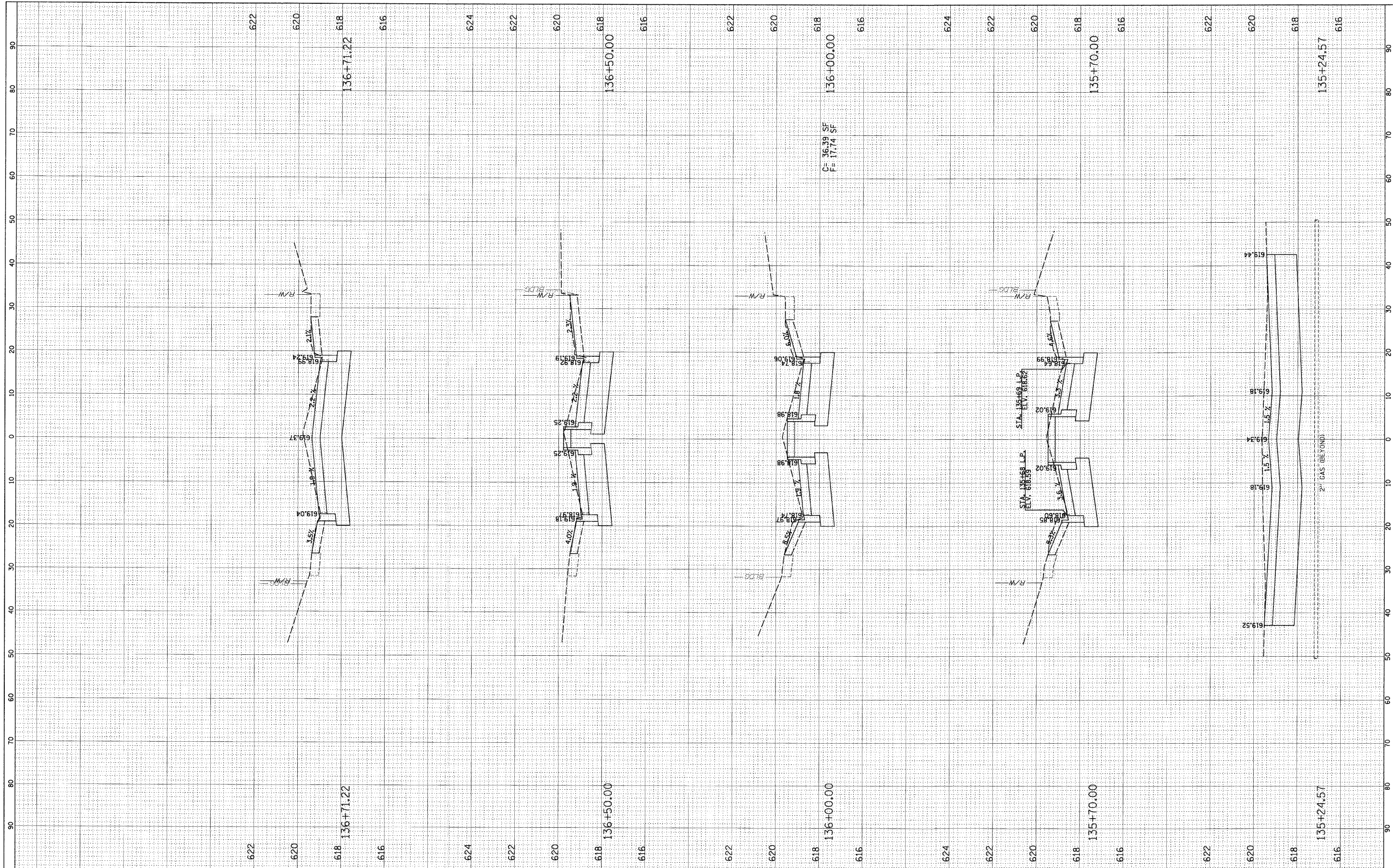
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS-SECTIONS  
 HARVARD STREET**  
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	73
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63148	

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

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



C = 36.39 SF  
F = 17.74 SF

FILE NAME = N:\FORESTPARK\070022\C\LAY\_070022.SHT

USER NAME = JBARWETT  
PLOT SCALE = 10'  
PLOT DATE = 2/18/2009

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

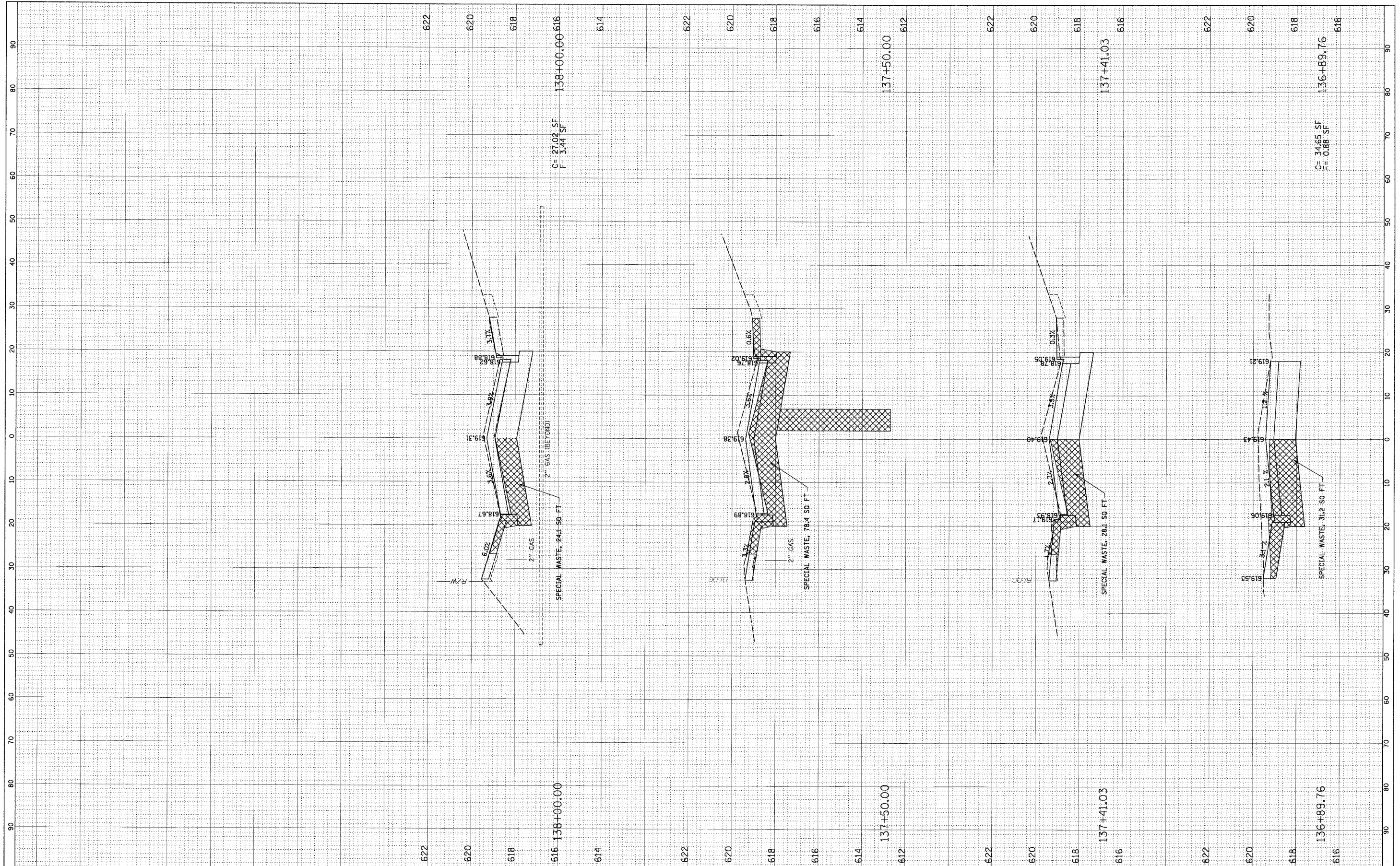
**CROSS-SECTIONS  
HARVARD STREET**

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

F.A.U. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	74
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



FILE NAME = \\FORESTPARK\0700B2\Civil\LAY\_0700B2.SHT  
 USER NAME = JBARINCT

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1702	07-00106-00-PV	COOK	75	75
CONTRACT NO. 63148				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				