

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	1
FED. ROAD DIST. NO. 1	ILLINOIS CONTRACT NO. 63134			

FOR INDEX OF SHEETS, SEE SHEET 2

FOR LIST OF STATE STANDARDS, SEE SHEET 2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

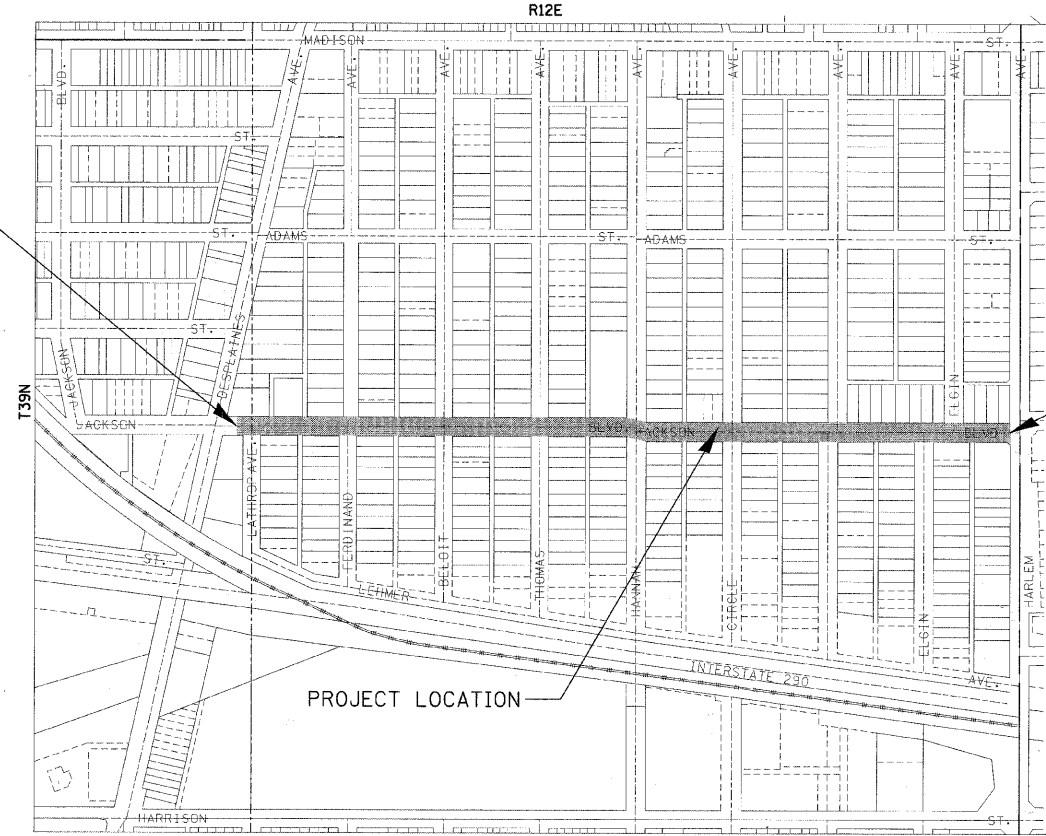
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

FAU ROUTE 1462 (JACKSON BLVD)  
SECTION 07-00105-00-PV  
PROJECT M-9003(195)  
JOB NO. C-91-253-09  
FROM DESPLAINES AVENUE TO HARLEM AVENUE  
VILLAGE OF FOREST PARK, COOK COUNTY



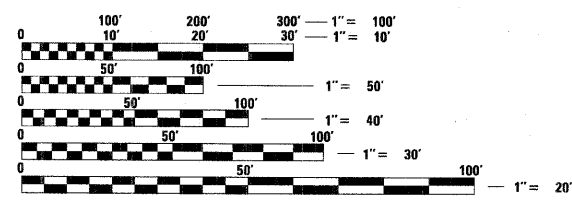
BEGIN IMPROVEMENTS  
JACKSON BOULEVARD  
STATION 100+83.00

END IMPROVEMENTS  
JACKSON BOULEVARD  
STATION 127+41.61



LOCATION MAP  
GROSS LENGTH = 2,658.61 FEET (0.50 MILES) NET LENGTH = 2,658.61 FEET (0.50 MILES)

DESIGN DESIGNATION  
(JACKSON BLVD) COLLECTOR  
TRAFFIC DATA:  
(JACKSON BLVD)  
ADT = 7,500 (2007)/8,000 (2030)  
POSTED/DESIGN SPEED = 25 MPH



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. 63134

CB  
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: 11/30/2009

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	<i>February 17, 2009</i> <i>Christopher Williams</i> VILLAGE OF FOREST PARK MAYOR
PASSED	<i>February 20, 2009</i> <i>Christopher Williams</i> DISTRICT 4 ENGINEER OF LOCAL ROADS AND STREETS
RELEASED FOR BID BASED ON LIMITED REVIEW	<i>February 20, 2009</i> <i>Diane M. O'Keefe</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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

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

**INDEX OF SHEETS**

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**IDOT HIGHWAY STANDARD DESCRIPTION**

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
602001-01	CATCH BASIN - TYPE A
602401-02	MANHOLE - 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
<b>DISTRICT 1 DETAILS:</b>	
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC13	TYPICAL PAVEMENT MARKINGS
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

<b>J.U.L.I.E. DIG TICKET NO.: X-0580694</b>					
<b>UTILITY COMPANY</b>	AT&T (SBC)	COMCAST	COMED	DuPage Water Commission	NICOR GAS
<b>CONSTRUCTION CONTACT PERSON</b>	Bobby Akhter, OSP Engineer	Ms. Mary Stefan	Mr. Tom Stutzman	Mr. Michael Schweizer	Ms. Constance Lane
<b>PHONE</b>	630-810-6274	630-600-6390	630-437-2236	630-834-0100	630-983-8676 EXT. 2362
<b>ADDRESS</b>	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
<b>FACILITIES IN / NEAR PROJECT</b>	NO	YES	YES	YES	YES
<b>COMMENTS / STATUS</b>	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. 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. 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 12/17/2008 Final Plans Sent 02/04/2009

**SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS**

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2009; THE LATEST EDITIONS OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD) AND "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS"; THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT STANDARD.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS.

**UTILITIES**

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

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

THE APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN ON THE DRAWINGS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. HOWEVER, THE VILLAGE OF FOREST PARK DOES NOT GUARANTEE THE COMPLETENESS OR ACCURACY OF THE INFORMATION REGARDING UTILITIES, EITHER PUBLIC OR PRIVATE SUCH AS SEWERS, GAS AND WATER MAINS, TELEPHONE AND ELECTRICAL DUCT LINES, MANHOLES, CATCH BASINS, AND SIMILAR STRUCTURES. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES THAT MAY INTERFERE WITH CONSTRUCTION OPERATIONS AND REPORT TO THE ENGINEER OMISSIONS AND DIFFERENCES FROM THE LOCATIONS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH ARE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

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

COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.

BEFORE STARTING ANY EXCAVATING, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 8-1-1 (OR 800-892-0123) FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE AND GAS FACILITIES AND THE VILLAGE OF FOREST PARK PUBLIC WORKS DEPT. FOR FIELD LOCATIONS OF BURIED WATER AND STORM FACILITIES (2 WORKING DAY ADVANCE NOTIFICATION IS REQUIRED).

**STAKING**

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

**STORM SEWER**

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

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

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE VILLAGE.

THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWERS. HOWEVER, THE NECESSARY PIPE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" OF THE TYPE AND SIZE REQUIRED.

WHEN THE REQUIRED VERTICAL AND HORIZONTAL CLEARANCES, AS SPECIFIED BY THE IEPA, BETWEEN PROPOSED STORM SEWER AND EXISTING OR PROPOSED WATER MAINS CANNOT BE MET, CIRCULAR PIPE SHALL BE INSTALLED OF WATER MAIN QUALITY PIPE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR WATER MAIN, EXCEPT THAT ONLY DUCTILE IRON PIPE WILL BE ALLOWED BENEATH PAVEMENTS. THIS PIPE WILL BE PAID FOR AS "STORM SEWER, WATER MAIN QUALITY".

ANY PORTIONS OF STORM SEWER AND MISSION COUPLINGS NEEDED TO CONNECT (EXTEND) EXISTING STORM SEWER TO PROPOSED STRUCTURES SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE STRUCTURE. PROPOSED STORM SEWER SHALL BE STORM SEWER OF THE TYPE AND SIZE REQUIRED.

**WATER MAIN**

FOR WATER MAIN SHUT OFFS, THE CONTRACTOR SHALL GIVE THE VILLAGE A MINIMUM OF 2 WORKING DAYS NOTICE. THE VILLAGE SHALL PROVIDE NOTIFICATION FORMS AND DETERMINE THE LIMIT OF THE AFFECTED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTION OF THE NOTIFICATION FORMS TO ALL AFFECTED RESIDENTS.

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

TOP OF WATER MAIN SHALL BE INSTALLED AT A MINIMUM DEPTH OF 5.5' BELOW FINISHED GRADE AND NO DEEPER THAN 8' FROM FINISHED GRADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE UTILITIES SUPERINTENDENT.

CHANGES IN DIRECTION OF WATER MAIN SHALL BE INSTALLED WITH APPROVED RETAINER FITTINGS AND THRUST BLOCKING.

WATER MAIN SHALL NOT BE SLEEVED OR ENCASED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE UTILITIES SUPERINTENDENT.

PRESSURE TESTING OF WATER MAIN SHALL INCLUDE HYDRANTS BY PRESSURE TESTING AGAINST INTERNAL VALVE OF HYDRANT.

ALL EXISTING BUFFALO BOXES LOCATED IN PROPOSED SIDEWALKS SHALL BE RELOCATED OR ADJUSTED AS DIRECTED BY THE ENGINEER.

ANY NECESSARY PUMPING OF WATER FROM THE TRENCHES SHALL BE INCLUDED IN THE COST OF THE PROPOSED WATER MAIN.

**MISCELLANEOUS**

ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. THE COST TO PROVIDE ACCESS SHALL BE PAID FOR AND INCLUDED IN THE ITEM AGGREGATE FOR TEMPORARY ACCESS.

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

ALL SAW-CUTTING SHALL BE INCIDENTAL TO REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAW-CUTTING WILL NOT BE MEASURED FOR PAYMENT.

RELOCATING EXISTING SIGNS: EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS" INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION. SPECIALTY SIGNAGE WILL BE ERECTED BY THE VILLAGE AND PROTECTED AND MAINTAINED BY THE CONTRACTOR.

ONE (1) EXISTING CONCRETE PLANTER BOX WILL BE RELOCATED BY THE CONTRACTOR FROM THE NORTHWEST CORNER OF JACKSON AND HANNAH TO A LOCATION WITHIN THE VILLAGE TO BE DETERMINED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE SIDEWALK REMOVAL AND REPLACEMENT PAY ITEMS.

PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

POLLUTION CONTROL: THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. CONSTRUCTION OPERATIONS SHALL BE CONFINED TO THE PERIOD BEGINNING AT 7:00 A.M. AND ENDING AT 6:00 P.M. WEEKDAYS, 8:00A.M. TO 4:00P.M. SATURDAY, AND NO WORK SHALL BE PERFORMED ON SUNDAYS OR HOLIDAYS, PER VILLAGE ORDINANCE.

THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND IS TO COMPARE THE SITE CONDITIONS AS INDICATED ON THE DRAWINGS.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS TO INSURE TRAFFIC MAINTENANCE, SURFACE DRAINAGE, ETC. THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD IN ACCORDANCE WITH THE REQUIREMENTS OF THE VILLAGE OF FOREST PARK, AND ANY OTHER GOVERNING AGENCIES.

THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS AND VEHICULAR TRAFFIC.

NO BURNING OR INCINERATION OF RUBBISH WILL BE PERMITTED ON SITE.

DO NOT SCALE DRAWINGS IF COORDINATES AND DIMENSIONS ARE GIVEN.

THE CONTRACTOR IS ADVISED THAT MUD AND DEBRIS MUST NOT BE DEPOSITED ON THE ADJACENT ROADWAYS. ANY DIRT AND DEBRIS ACCUMULATED ON THE PAVEMENT SHALL BE CLEANED BY THE CONTRACTOR WITHIN FOUR (4) HOURS OF THE INCIDENT OR HE WILL BE BACK CHARGED AT THE RATE OF \$500.00 PER INCIDENT PLUS THE COST OF THE VILLAGE'S FORCES TO COMPLETE THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO CORRECT DAMAGE AT HIS OWN EXPENSE THE GRADING AND CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER.

ALL GRASSED AREAS DISTURBED DURING THE CONSTRUCTION OPERATIONS SHALL BE SODDEN IN ACCORDANCE WITH SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS.

DETECTABLE WARNINGS MEETING ADA REQUIREMENTS SHALL BE INSTALLED AT ALL INTERSECTING STREETS AS DIRECTED BY THE ENGINEER (SEE IDOT STD. 424001-05 INCLUDED IN THE PLANS). CONTRACTOR SHALL VERIFY THAT ALL SLOPES MEET ADA REQUIREMENTS PRIOR TO INSTALLING DETECTABLE WARNINGS.

CHRISTOPHER B. BURKE ENGINEERING, LTD. IS NOT RESPONSIBLE FOR IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), INCLUDING MAINTENANCE AND/OR REPAIR OF SOIL EROSION AND SEDIMENT CONTROL MEASURES, FOR COMPLIANCE WITH THE GENERAL NPDES PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

**MWRDGC GENERAL NOTES**

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK.
2. ELEVATION DATUM IS NGVD '29 (USGS) CONVERSION EQUATION IS N/A
3. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
4. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
5. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO:

PIPE MATERIAL SPEC. JOINT SPEC.

**PVC GRAVITY SEWER PIPE**

6"-15" DIA. SDR 26  
ASTM D-3034

ASTM D-3212 OR  
ASTM D-2855

18"-27" DIA. F/DY=46  
ASTM F-679

ASTM D-3212 OR  
ASTM D-2855

**DUCTILE IRON SEWER PIPE**

ANSI A-21.51

ANSI A-21.11

**REINFORCED CONCRETE SEWER PIPE**

ASTM C76

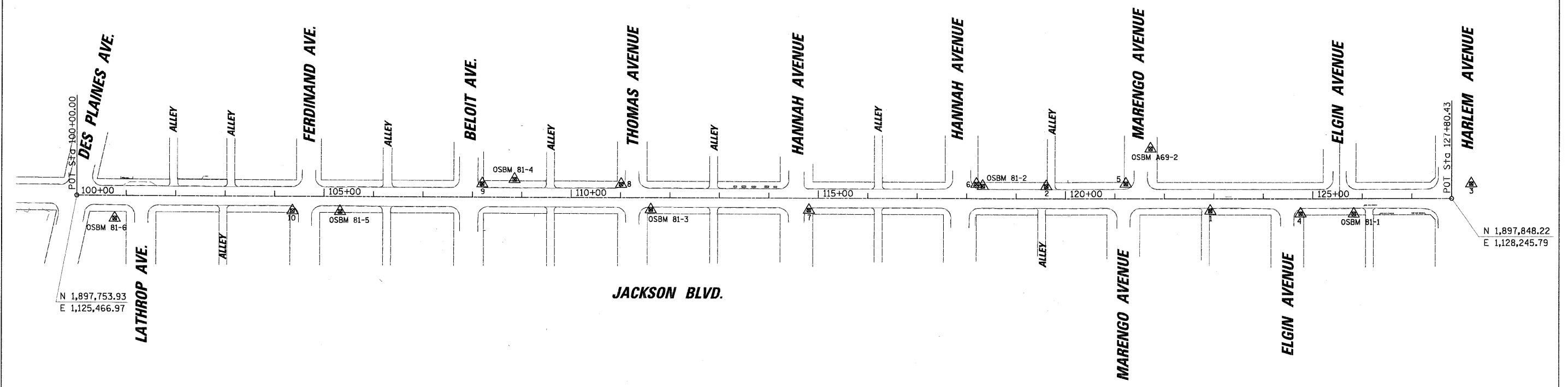
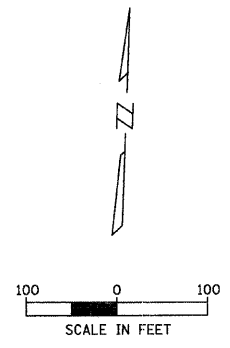
ASTM C-443

6. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS) REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH A MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE IDOT CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
7. "BAND-SEAL" COUPLINGS WITH STAINLESS STEEL SHEAR RINGS (A.K.A. NON-SHEAR COUPLINGS) SHALL BE USED IN THE CONNECTION OF SEWER PIPE OF DISSIMILAR MATERIALS.
8. WHEN CONNECTING TO AN EXISTING SEWER MAIN ONE OF THE FOLLOWING METHODS SHALL BE USED:
  1. USE FACTORY WYE OR TEE.
  2. REMOVE AN ENTIRE SECTION OF PIPE AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
  3. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND-SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
9. WHEREVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS.
10. ALL SANITARY MANHOLES (AND STORM MANHOLES IN COMBINED SEWER AREAS) SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE PRE-CAST REINFORCED CONCRETE. RESILIENT CONNECTORS CONFORMING TO ASTM C-923 SHALL BE USED BETWEEN MANHOLE AND PIPE FOR ALL SANITARY, STORM AND COMBINED STRUCTURES.
11. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.

**LANDSCAPING GENERAL NOTES**

1. ALL ALTERATIONS AND SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT.
2. CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
3. ALL LANDSCAPE IMPROVEMENTS SHALL MEET MUNICIPALITY REQUIREMENTS AND GUIDELINES, WHICH SHALL BE VERIFIED BY MUNICIPAL AUTHORITIES.
4. ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REFUSE ANY POOR MATERIAL OR WORKMANSHIP.
5. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
6. ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT, BACKFILLED WITH AMENDED SOIL IN A HOLE TWICE THE ROOTBALL DIAMETER, WATERED, FERTILIZED, PRUNED AND HAVE ALL TAGS AND ROPES REMOVED.
7. TREES SHALL HAVE A WATERING SAUCER CONSTRUCTED AT THEIR BASE.
8. LAWN AND BED AREAS SHALL BE ROTOTILLED AND CLUMPS OF SOIL, AGGREGATES AND DEBRIS RAKED OUT AND REMOVED FROM THE SITE.
9. ALL BEDS SHALL HAVE WEED PREEMERGENTS APPLIED AT THE RECOMMENDED RATE, AND SHREDDED HARDWOOD MULCH SPREAD AT A MINIMUM OF 3" DEPTH.
10. ALL DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.

FILE NAME =	USER NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
NEWFORESTPARK\070081\Civil\1\NOT_070081.DWG		DRAWN -	REVISED -			1462	07-00105-00-PV	COOK	49	3	
PLOT SCALE = N.T.S.		CHECKED -	REVISED -			CONTRACT NO. 63134					
PLOT DATE = 2/17/2009		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO



HORIZONTAL CONTROL POINTS						
CP. NO.	NORTHING	EASTING	STATION	ELEVATION	DESCRIPTION	OFFSET
1	N 1,897,806.81	E 1,127,759.24	122+92.75	620.55	CP-XCUT	24.89' RT
2	N 1,897,845.58	E 1,127,425.96	119+60.97	620.44	CP-XCUT	25.16' LT
3	N 1,897,879.45	E 1,128,284.33	127+80.43	620.14	CP-XCUT	29.90' LT
4	N 1,897,807.25	E 1,127,941.75	124+75.17	620.33	CP-XCUT	30.64' RT
5	N 1,897,855.93	E 1,127,586.58	121+21.85	620.49	CP-XCUT	30.06' LT
6	N 1,897,845.18	E 1,127,284.66	118+19.74	620.59	CP-XCUT	29.55' LT
7	N 1,897,779.81	E 1,126,947.92	114+80.98	620.64	CP-XCUT	24.36' RT
8	N 1,897,818.31	E 1,126,566.48	111+01.07	620.60	CP-XCUT	27.06' LT
9	N 1,897,808.79	E 1,126,285.70	108+20.12	621.01	CP-XCUT	27.06' LT
10	N 1,897,739.28	E 1,125,903.89	104+36.18	621.39	CP-XCUT	29.45' RT

ELEVATION BENCHMARKS DATUM:NGVD '29 (FOREST PARK DATUM)		
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 A69-2	SQUARE CUT ON WEST SIDE AT BASE OF 1ST LIGHT POLE NORTH OF JACKSON ST. ON MARENNGO AVE.	620.70
OSBM 81-1	SQUARE CUT ON EAST CORNER OF DOOR SILL OF #7210 TO #7212 JACKSON ST.	620.79
OSBM 81-2	X-CUT ON NORTHWEST BOLT OF HYDRANT AT NORTHEAST CORNER OF JACKSON BLVD. & CIRCLE AVE.	621.86
OSBM 81-3	X-CUT ON SOUTHEAST BOLT OF HYDRANT AT SOUTHEAST CORNER OF JACKSON BLVD. & THOMAS AVE.	622.22
OSBM 81-4	SQUARE CUT ON EAST SIDE OF DOOR SILL TO #7443 JACKSON BLVD.	622.34
OSBM 81-5	SQUARE CUT ON MOST WEST BASEMENT WINDOW SILL OF 2 STORY BRICK AT SOUTHEAST CORNER OF JACKSON BLVD. & FERDINAND AVE.	622.35
OSBM 81-6	SQUARE CUT ON MOST NORTHEAST CORNER OF BOTTOM STEP OF STAIRS ON NORTH SIDE OF #3556 AT SOUTHEAST CORNER OF DES PLAINES AVE. & JACKSON BLVD.	624.64
OSBM 81-7	SQUARE CUT ON WEST SIDE OF GARAGE DOOR OF MUNICIPAL POWER STATION BUILDING AT SOUTHEAST CORNER OF JACKSON BLVD. & JACKSON BLVD.	629.17

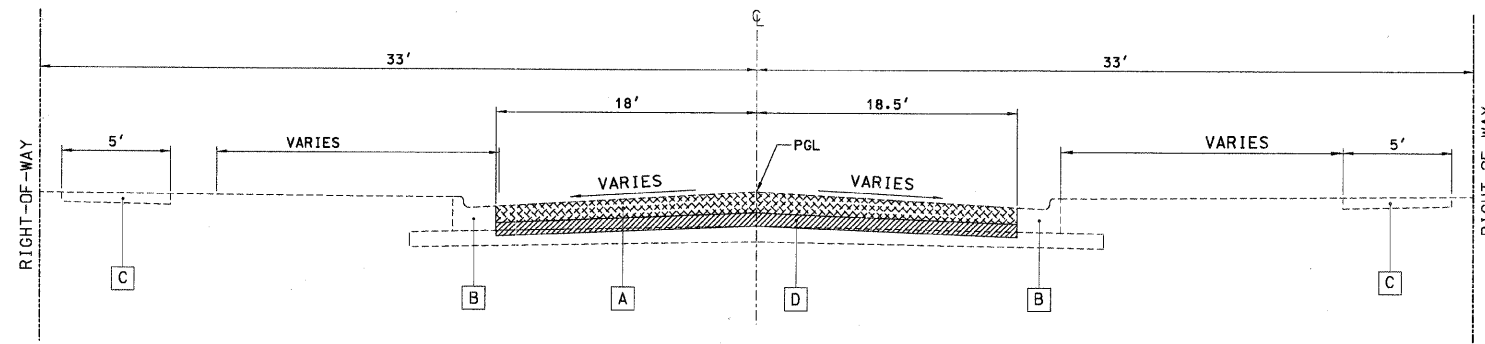
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	PLOT DATE = 2/17/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

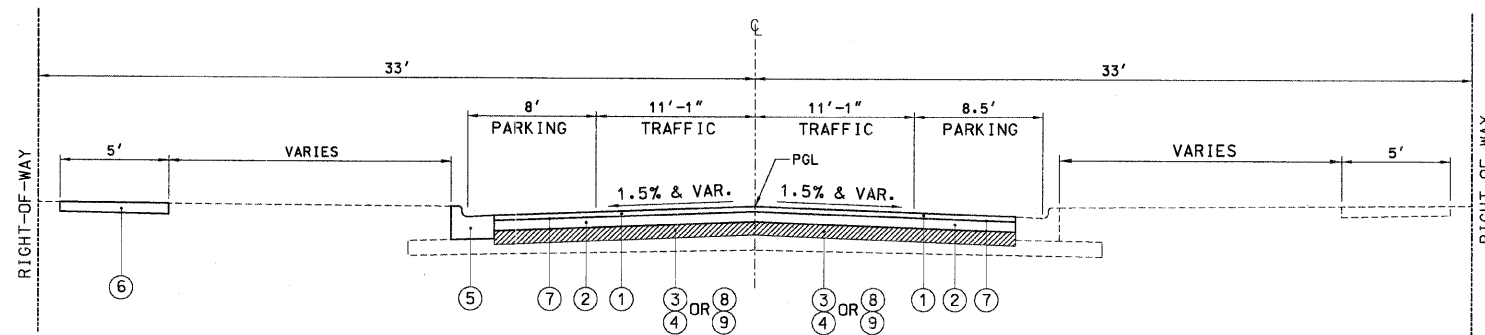
**HORIZONTAL ALIGNMENT AND BENCHMARKS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	4
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



EXISTING TYPICAL SECTION & REMOVAL ITEMS  
JACKSON BOULEVARD



PROPOSED TYPICAL SECTION  
JACKSON BOULEVARD

LEGEND

- A PAVEMENT REMOVAL (SPECIAL)
- B EXISTING COMBINATION CONCRETE CURB AND GUTTER (REMOVAL AS DIRECTED BY ENGINEER)
- C EXISTING PORTLAND CEMENT CONCRETE SIDEWALK (REMOVAL AS DIRECTED BY ENGINEER)
- D REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (SEE NOTE 2)
- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2"
- 2 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4" (IN 2 LIFTS)
- 3 PREPARATION OF BASE
- 4 AGGREGATE BASE REPAIR (AS DIRECTED BY ENGINEER)
- 5 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) (AS DIRECTED BY ENGINEER)
- 6 PORTLAND CEMENT CONCRETE SIDEWALK 5", SPECIAL (AS DIRECTED BY ENGINEER)
- 7 BITUMINOUS MATERIALS (PRIME COAT)
- 8 POROUS GRANULAR EMBANKMENT, SUBGRADE (SEE NOTE 2)
- 9 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (WITH P.G.E.S. - SEE NOTE 2)

NOTES:

1. THE ITEM PAVEMENT REMOVAL (SPECIAL) COVERS THE REMOVAL OF THE EXISTING ASPHALT PAVEMENT (3.0" TO 10.3") TO A DEPTH OF 6" BELOW THE PROPOSED FINISHED SURFACE. REMOVAL OF CRUSHED STONE BELOW THE EXISTING ASPHALT WILL BE PAID FOR AS EARTH EXCAVATION.
2. ESTIMATED QUANTITIES FOR ITEMS D AND 8 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		
PAVEMENT RESURFACING	AC-TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", 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	101+94	6	100+83 - 103+45	BLACK SILTY CLAY OVER STIFF CLAY LOAM (WC=29/18%)
B-2	104+96	NR	NR	STIFF TO VERY STIFF CLAY LOAM OVER SAND (WC=15/12%)
B-3	108+17	6	106+57 - 109+56	STIFF TO MEDIUM STIFF CLAY LOAM (WC=19/21%)
B-4	110+95	NR	NR	VERY STIFF TO STIFF CLAY LOAM (WC=16/17%)
B-5	113+97	NR	NR	STIFF SANDY CLAY LOAM (WC=14/19%)
B-6	116+97	6	115+47 - 118+47	SOFT DARK BROWN SANDY LOAM (WC=21/17%)
B-7	119+96	6	118+47 - 121+47	VERY STIFF TO STIFF CLAY LOAM (WC=20/24%)
B-8	122+98	NR	NR	VERY STIFF DARK BROWN / BLACK CLAY (WC=28/21%)
B-9	126+03	NR	NR	VERY STIFF CLAY (WC=17/23%)

SP REQ'D	SPECIALTY ITEM	CODE NO	DESCRIPTION	UNIT	TOTAL QUANTITY	1000	Y003	Y007	NON-PARTICIPATING
	*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	6	---	6	---	---
		20200100	EARTH EXCAVATION	CU YD	180	180	---	---	---
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1340	1340	---	---	---
Y		20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1135	1135	---	---	---
Y		20800250	TRENCH BACKFILL, SPECIAL	CU YD	210	---	---	210	---
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	6200	6200	---	---	---
		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	114	---	114	---	---
	*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	10	---	10	---	---
	*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	10	---	10	---	---
	*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	10	---	10	---	---
	*	25200200	SUPPLEMENTAL WATERING	UNIT	15	---	15	---	---
	*	25200110	SODDING, SALT TOLERANT	SQ YD	420	---	420	---	---
		28000510	INLET FILTERS	EACH	30	36	---	---	---
Y		35800100	PREPARATION OF BASE	SQ YD	11715	11715	---	---	---
Y		35800200	AGGREGATE BASE REPAIR	TON	750	750	---	---	---
		40800100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	5275	5275	---	---	---
		40800300	AGGREGATE (PRIME COAT)	TON	36	36	---	---	---
		40800895	CONSTRUCTING TEST STRIP	EACH	2	2	---	---	---
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19 0, N50	TON	2625	2625	---	---	---
		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1313	1313	---	---	---
		42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	12	12	---	---	---
Y		42400430	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, SPECIAL	SQ FT	11660	11660	---	---	---
		42400800	DETECTABLE WARNINGS	SQ FT	540	540	---	---	---
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	23	23	---	---	---
		44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	1529	1529	---	---	---
		44000600	SIDEWALK REMOVAL	SQ FT	6200	6200	---	---	---
Y		44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	11644	11644	---	---	---
		550A0040	STORM SEWERS, CLASS A, TYPE 1 10"	FOOT	19	---	---	19	---
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	82	---	---	82	---
		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	125	---	---	125	---
		550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	5	---	---	5	---
		550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	10	---	---	10	---
		55100300	STORM SEWER REMOVAL 8"	FOOT	39	---	---	39	---
		55100400	STORM SEWER REMOVAL 10"	FOOT	101	---	---	101	---
		55100500	STORM SEWER REMOVAL 12"	FOOT	37	---	---	37	---
		55100600	STORM SEWER REMOVAL 18"	FOOT	10	---	---	10	---
		55101200	STORM SEWER REMOVAL 24"	FOOT	20	---	---	20	---
Y	*	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	81	---	---	81	---
Y	*	56201400	CORPORATION STOPS 1"	EACH	1	---	---	1	---
Y	*	56400800	FIRE HYDRANT AND VALVE TO BE MOVED	EACH	3	---	---	3	---
Y	*	56500700	DOMESTIC WATER SERVICE BOXES TO BE REMOVED	EACH	1	---	---	1	---
Y	*	56500800	DOMESTIC WATER SERVICE BOXES	EACH	1	---	---	1	---
		60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	27	---	---	27	---
		60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	---	---	1	---
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	---	---	3	---
Y		60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	15	---	---	15	---
		60600605	CONCRETE CURB, TYPE B	FOOT	1003	---	1003	---	---
Y		60604200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6 12 (SPECIAL)	FOOT	1825	1825	---	---	---
		66900205	SPECIAL WASTE DISPOSAL	CU YD	8	8	---	---	---
		67100100	MOBILIZATION	L SUM	1	1	---	---	---
Y		70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	---	---	---
		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	70	70	---	---	---
		73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	10	10	---	---	---
	*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	146	146	---	---	---

SP REQ'D	SPECIALTY ITEM	CODE NO	DESCRIPTION	UNIT	TOTAL QUANTITY	1000	Y003	Y007	NON-PARTICIPATING
	*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7740	7740	---	---	---
	*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2070	2070	---	---	---
	*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	225	225	---	---	---
	*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	266	266	---	---	---
	*	81000800	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	465	465	---	---	---
	*	81017515	CONDUIT IN TRENCH, 1 1/4" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	95	95	---	---	---
Y	*	81030100	CONDUIT SPLICE	EACH	7	7	---	---	---
	*	81702415	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 3-1/8 NO. 6	FOOT	550	550	---	---	---
	*	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	900	900	---	---	---
	*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	94	94	---	---	---
Y	*	83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	70	70	---	---	---
	*	84200700	LIGHTING FOUNDATION REMOVAL	EACH	5	5	---	---	---
	*	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	5	5	---	---	---
	*	87900100	DRILL EXISTING FOUNDATION	EACH	2	2	---	---	---
Y		88600800	DETECTOR LOOP REPLACEMENT	FOOT	225	225	---	---	---
Y	*	K0030409	PERENNIAL, CAMPANULA CARPATICA 'BLUE CLIPS', (BLUE CLIPS CARPATHIAN HAREBELL), 1-QUART	EACH	183	---	183	---	---
Y	*	K0039125	HEMEROCALLIS 'HAPPY RETURNS' CONTAINER GROWN, 1-GALLON	UNIT	1,7	---	1,7	---	---
Y	*	K1005481	SHREDDED BARK MULCH 3"	SQ YD	202	---	202	---	---
Y	*	X0321478	MAINTENANCE OF EXISTING LIGHTING SYSTEMS	L SUM	1	1	---	---	---
Y	*	X0322951	CABLE SPLICE, SPECIAL	EACH	7	7	---	---	---
Y	*	X0712400	TEMPORARY PAVEMENT	SQ YD	280	---	---	280	---
Y	*	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	32	32	---	---	---
Y	*	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	2	---	---	---
Y	*	X4023000	TEMPORARY ACCESS (ROAD)	EACH	15	15	---	---	---
Y	*	X8950215	RELOCATE EXISTING HANDHOLE	EACH	2	2	---	---	---
Y	*	XX002260	STRUCTURES TO BE REMOVED	EACH	11	---	---	11	---
Y	*	XX004887	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	16	16	---	---	---
Y	*	XX005450	STORM SEWER WATER MAIN QUALITY 12"	FOOT	193	---	---	193	---
Y	*	XX005541	CURED-IN-PLACE PIPE (CIPP), 12"	FOOT	140	---	---	---	140
Y	*	XX005554	CURED-IN-PLACE PIPE (CIPP), 24"	FOOT	190	---	---	---	190
Y	*	XX008591	PAVEMENT TEXTURING	SQ FT	4950	4950	---	---	---
Y	*	XX008937	GROUND ROD, 5/8" DIA. X 10FT.	EACH	21	21	---	---	---
Y	*	XX008952	CATCH BASINS, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, WITH HALF TRAP	EACH	2	---	---	---	2
Y	*	XX011700	WATER MAIN FITTINGS	POUND	385	---	---	385	---
Y	*	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	200	200	---	---	---
Y	*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	---	---	---
Y	*	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	60	---	---	60	---
Y	*	Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	5	---	---	5	---
Y	*	Z0019600	DUST CONTROL WATERING	UNIT	150	150	---	---	---
Y	△	Z0078600	TRAINEES	HOUR	500	500	---	---	---
Y	*	XX007668	COPPER SERVICE, TYPE K 2" (BORED)	FOOT	50	---	---	50	---
Y	*	XX007668	COPPER SERVICE, TYPE K 2" (TRENCHED)	FOOT	50	---	---	50	---
Y	*	XX007850	HEMEROCALLIS 'LITTLE WINE CUP' (LITTLE WINE CUP DAYLILY), 1-GALLON CONTAINER	EACH	97	---	97	---	---
Y	*	XX007851	PEDESTRIAN BENCH, FURNISH	EACH	1	1	---	---	---
Y	*	XX007852	PEDESTRIAN BENCH, FURNISH AND INSTALL	EACH	11	11	---	---	---
Y	*	XX007853	PVC STORM AND SAN SEWER R&R 12" DIA, 0-15 FT LENGTH	EACH	1	---	---	---	1
Y	*	XX007854	PVC STORM AND SAN SEWER R&R 12" DIA, 16-30 FT LENGTH	EACH	1	---	---	---	1
Y	*	K0030428	PERENNIAL PLANTS, SPERBERGIA HEYEROLII (PRINCE DAVID'S) 1-GALLON CONTAINER	EACH	50	---	50	---	---
Y	*	XX007855	STORM SEWER WATER MAIN QUALITY 10"	FOOT	136	---	---	136	---
Y	*	XX007856	TRASH RECEPTACLE, FURNISH	EACH	1	1	---	---	---
Y	*	XX007857	TRASH RECEPTACLE, FURNISH AND INSTALL	EACH	11	11	---	---	---
Y	*	XX007858	TREE, ACER X FREEMANI AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 4" CALIPER, BALLED AND BURLAPPED	EACH	11	---	11	---	---
Y	*	XX007859	UNIT DUCT, 600V, 1/2" #5, 1/2" #6 NEUTRAL & 1/2" #6 GND. (XLP TYPE-USE) IN 1 1/4" DIA. SCH 40 HDPE, IN TRENCH	FOOT	920	920	---	---	---

△ Y080

### PLANTER VEGETATION SCHEDULE

**Deciduous Trees**

Sym.	Botanical Name	Common Name	Qty.	Size	Cond.
Ac fr	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Maple	11	4"	B & B

**Perennials / Groundcovers / Grasses**

Sym.	Botanical Name	Common Name	Qty.	Size	Cond.
Ca ca	Campanula carpatica 'Blue Clips'	Blue Clips Harebell	183	#1	Cont.
He HR	Hemerocallis 'Happy Returns'	Happy Returns Daylily	171	#1	Cont.
He LW	Hemerocallis 'Little Wine Cup'	Little Wine Cup Daylily	97	#1	Cont.
Sp he	Sporobolus heterolepis 'Tara'	Dwarf Prairie Dropseed	50	#1	Cont.

**CURED-IN-PLACE PIPE**

TYPE	SIZE (IN.)	STA. / OFF.	TO	STA. / OFF.	LENGTH (FEET)
COMBO	12	124+09 / 3.65 LT		125+48 / 4.43 LT	139
STORM	24	109+57 / 12.29 RT		111+44 / 9.33 RT	187

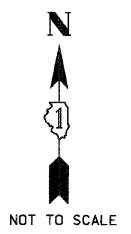
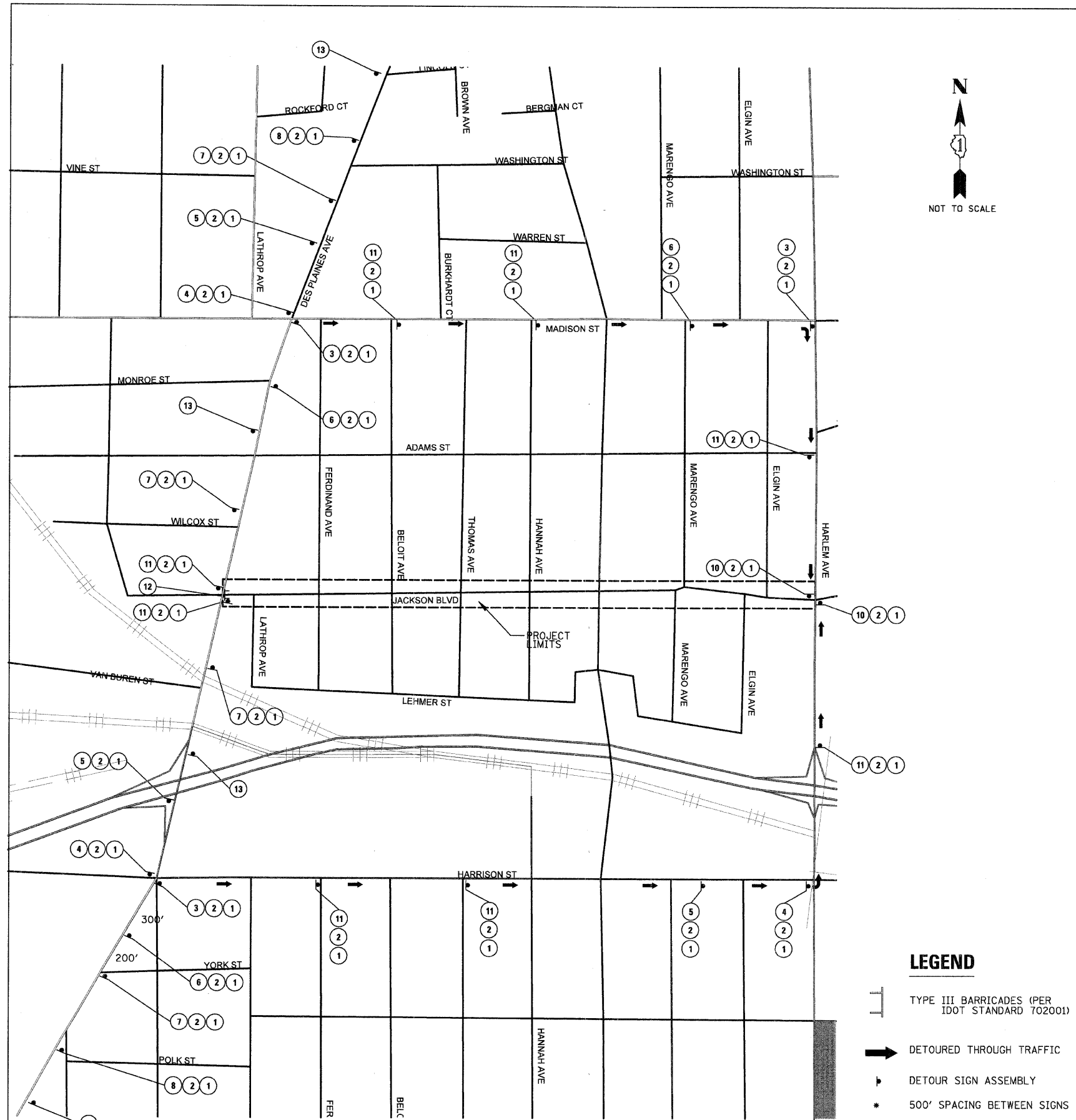
**PVC STORM AND SAN SEWER R&R 12" DIA, 0-15 FT LENGTH**

STA. / OFF.	TO	STA. / OFF.	LENGTH (FEET)
123+23 / 4.13 LT		123+35 / 4.06 LT	12

**PVC STORM AND SAN SEWER R&R 12" DIA, 16-30 FT LENGTH**

STA. / OFF.	TO	STA. / OFF.	LENGTH (FEET)
123+63 / 3.90 LT		123+84 / 3.79 LT	21

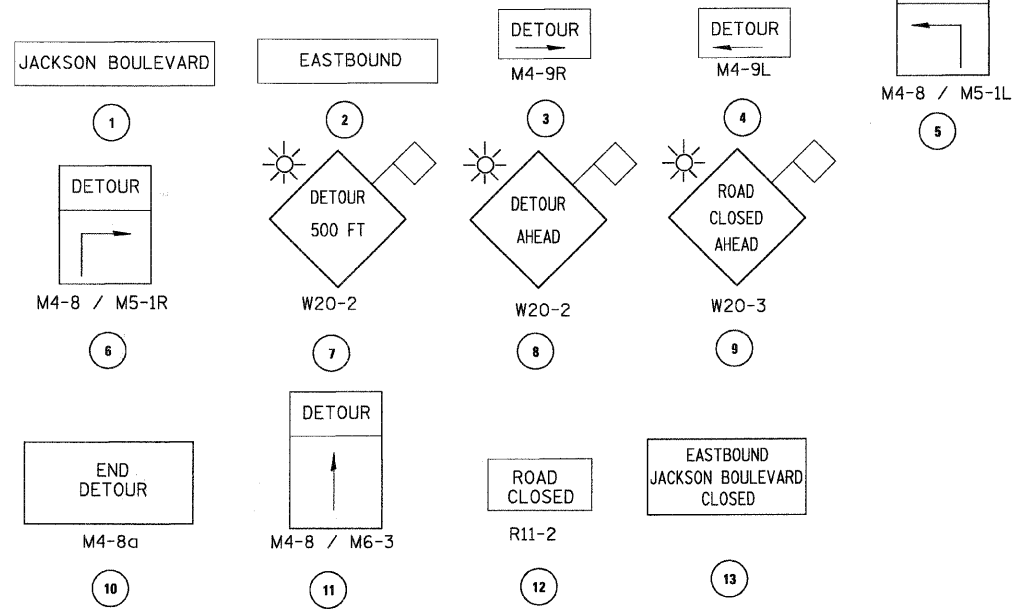
PROPOSED STORM SEWER STRUCTURES								PROPOSED STORM SEWER PIPES								TRENCH BACKFILL C.Y.
NUMBER	DESCRIPTION	LOCATION	RIM	INV (W)	INV (E)	INV (N)	INV (S)		DIA.	MAT'L	L	S	U/S INV.	D/S INV.	TYPE	
S 201	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 104+27.37 /18.35' LT.	620.74		617.82			P 201	10"	RCP	7	1%	617.82	617.75	1	1.0
S 202	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 104+56.84 /47.62' LT.	620.87		615.20			P 202	12"	DIP	20	1%	615.20	615.00	2	13.3
S 203	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 104+79.21 /44.90' LT.	620.80	615.00												
S 204	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 105+09.38 /18.23' LT.	620.54	617.54				P 203	10"	RCP	3	1%	617.54	617.51	1	0.4
S 205	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 104+73.74 /41.96' RT.	620.78			616.12		P 204	12"	RCP	31	1%	616.12	615.81	2	9.9
S 206	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 105+02.87 /18.19' RT.	620.70	616.03				P 205	12"	RCP	22	1%	616.03	615.81	2	8.0
S 207	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 107+47.32 /18.10' LT.	620.64				617.95	P 206	12"	DIP	25	1%	617.95	617.70	1	3.3
S 208	CATCH BASINS, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID, WITH HALF TRAP	STA. 107+74.76 /47.96' LT.	620.54		615.11			P 207	12"	RCP	16	1%	615.11	614.95	2	11.1
S 209	CATCH BASINS, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID, WITH HALF TRAP	STA. 108+10.20 /47.83' LT.	620.59	615.28				P 208	12"	RCP	15	1%	615.28	615.13	2	10.0
S 210	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 108+38.09 /17.94' LT.	620.64				617.95	P 209	12"	DIP	33	1%	617.95	617.62	1	4.4
S 211	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	STA. 107+47.32 /9.35' RT.	620.79	608.64	608.64	617.70	617.50									
S 212	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 107+47.56 /18.52' RT.	620.56			617.56		P 210	12"	RCP	6	1%	617.56	617.50	1	0.8
S 213	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 107+75.45 /48.24' RT.	620.54		617.39			P 211	10"	DIP	31	1%	617.39	617.08	1	5.4
S 214	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 108+10.18 /48.16' RT.	620.52	617.08		616.98		P 212	10"	DIP	8	1%	616.98	616.90	1	1.6
S 215	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 108+37.47 /18.34' RT.	620.63	616.55		617.62		P 213	12"	RCP	24	1%	616.55	616.31	2	7.0
S 301	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 110+79.30 /18.13' LT.	620.48		617.55			P 301	10"	RCP	9	1%	617.55	617.46	1	1.2
S 302	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 111+10.54 /48.71' LT.	620.45		617.85			P 302	10"	DIP	22	1%	617.85	617.63	1	3.0
S 303	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 111+35.84 /48.76' LT.	620.50			617.63	617.10	P 303	12"	DIP	29	1%	617.10	616.81	1	6.2
S 304	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 111+68.27 /18.18' LT.	620.21	617.21				P 304	12"	RCP	7	1%	617.21	617.14	1	1.2
S 305	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	STA. 110+83.86 /10.89' RT.	620.62	609.54	609.54		617.19									
S 306	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 110+83.86 /18.72' RT.	620.42			617.25		P 305	12"	RCP	6	1%	617.25	617.19	1	0.8
S 307	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 111+11.57 /42.08' RT.	620.50		617.50	616.55		P 306	12"	RCP	40	1%	616.55	616.15	1	9.4
S 308	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 111+36.10 /42.08' RT.	620.49	617.71				P 307	10"	DIP	21	1%	617.71	617.50	1	2.9
S 309	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 111+63.15 /18.48' RT.	620.20	616.17				P 308	12"	RCP	17	1%	616.17	616.00	2	5.1
S 310	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 114+07.21 /18.04' LT.	620.13			617.20	617.30	P 309	12"	RCP	2	1%	617.20	617.18	1	0.3
S 311	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	STA. 114+07.21 /22.40' LT.	620.70	610.71	610.71		617.18									
S 312	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 114+41.20 /44.94' LT.	620.17		617.50			P 311	10"	DIP	25	1%	617.50	617.25	1	4.4
S 313	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 114+69.81 /44.74' LT.	620.14	617.25			616.45	P 312	12"	DIP	20	1%	616.45	616.25	1	3.4
S 314	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 115+03.43 /18.11' LT.	620.17	617.35			617.45	P 313	12"	RCP	21	1%	617.35	617.14	1	4.7
S 315	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 114+08.25 /18.45' RT.	620.24			617.63		P 310	12"	DIP	33	1%	617.63	617.30	1	3.2
S 316	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 114+40.80 /45.53' RT.	620.10		617.50			P 314	10"	DIP	26	0.5%	617.50	617.37	1	3.5
S 317	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 114+70.00 /45.33' RT.	620.16	617.37		617.34		P 315	10"	DIP	3	1%	617.34	617.31	1	0.4
S 318	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	STA. 115+03.91 /18.62' RT.	620.29			617.78		P 316	12"	DIP	33	1%	617.78	617.45	1	4.4



**LEGEND**

- TYPE III BARRICADES (PER IDOT STANDARD 702001)
- DETOURED THROUGH TRAFFIC
- DETOUR SIGN ASSEMBLY
- 500' SPACING BETWEEN SIGNS

**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 70 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 BARRICADES. THE TYPE III BARRICADES USED AT THE POINT OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED 8 FEET IN WIDTH EACH, FOR A SINGLE APPROACH LANE.
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 EQUAL 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.

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PLCT DATE = 2/17/2009	DATE -	REVISED -	REVISED -

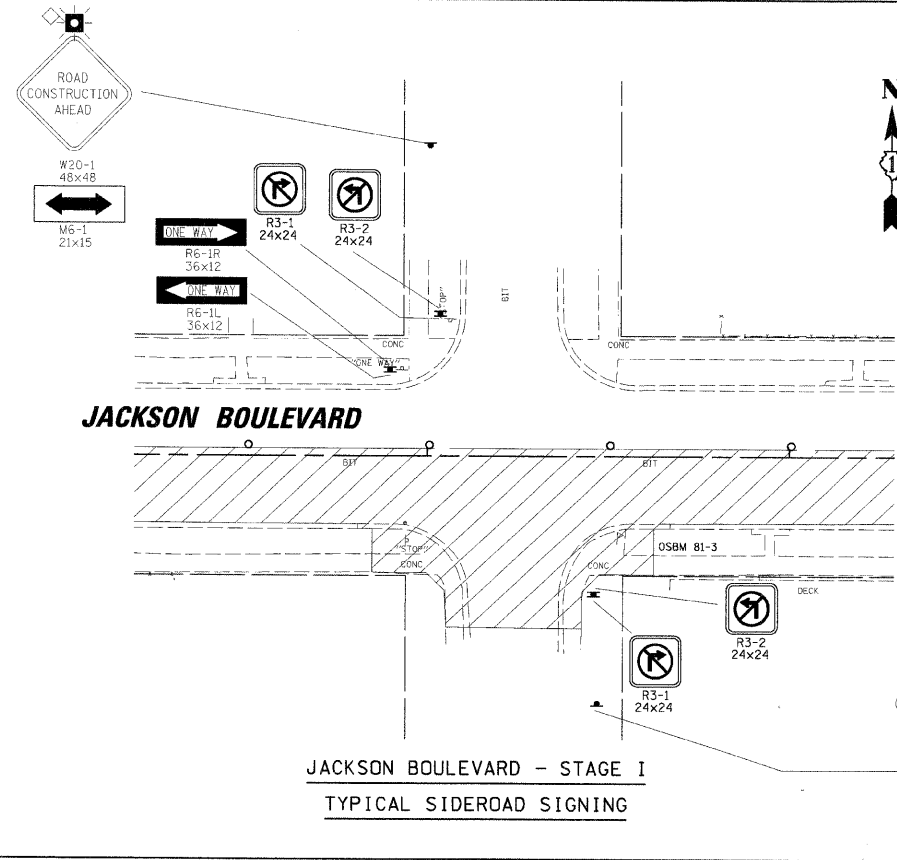
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN - JACKSON BOULEVARD**

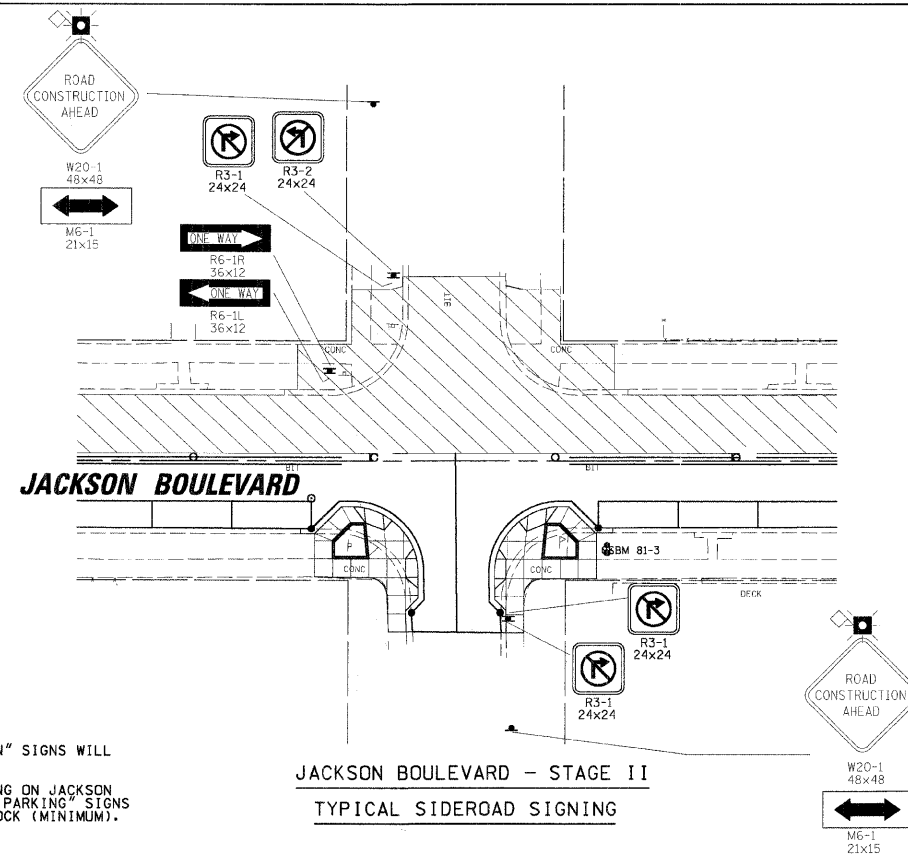
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F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



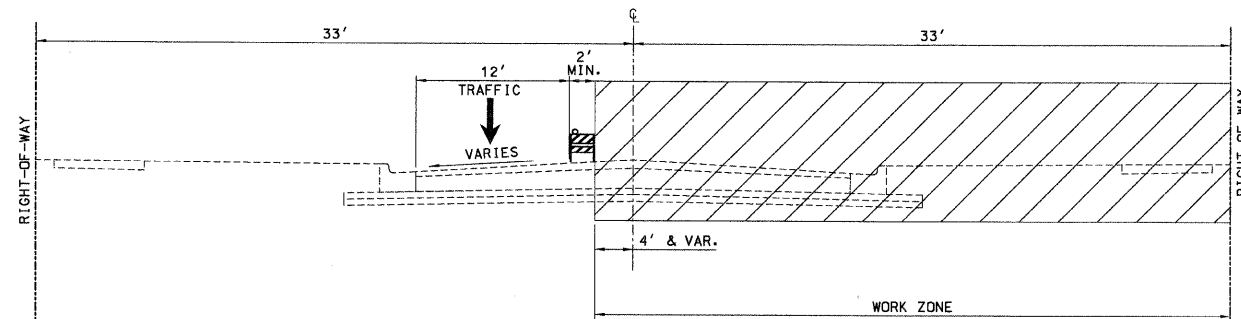


JACKSON BOULEVARD - STAGE I  
TYPICAL SIDEROAD SIGNING

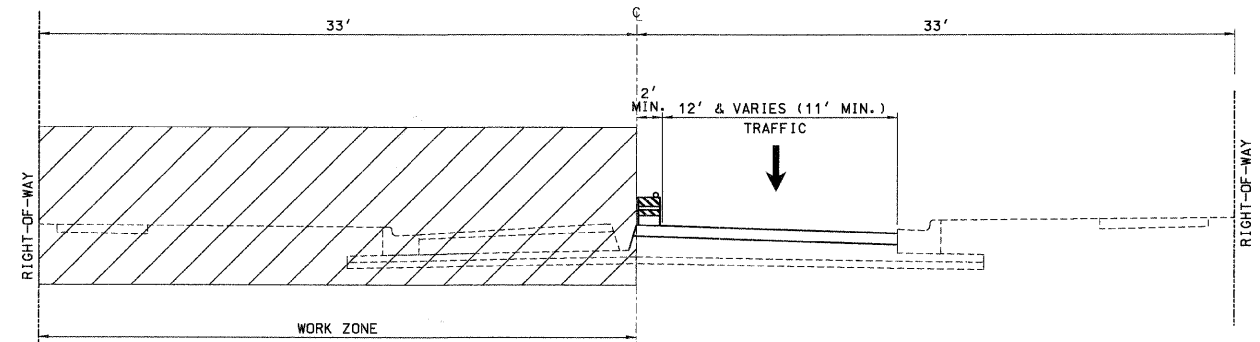


JACKSON BOULEVARD - STAGE II  
TYPICAL SIDEROAD SIGNING

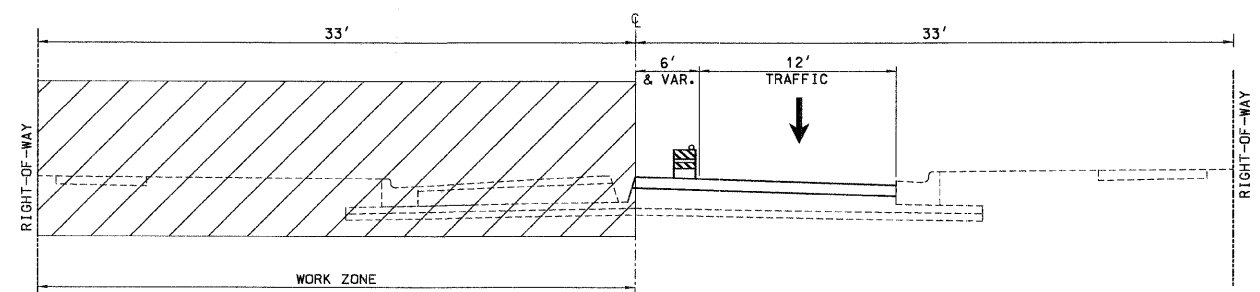
**SIGNING NOTES:**  
 1. "NO LEFT TURN" AND "NO RIGHT TURN" SIGNS WILL BE PLACED AT ALL ALLEYS.  
 2. THERE WILL BE NO ON-STREET PARKING ON JACKSON BOULEVARD DURING CONSTRUCTION. "NO PARKING" SIGNS (R7-1) WILL BE PLACED EVERY HALF-BLOCK (MINIMUM).



TYPICAL SECTIONS - STAGE I  
STA. 100+82.96 TO STA 127+41.61

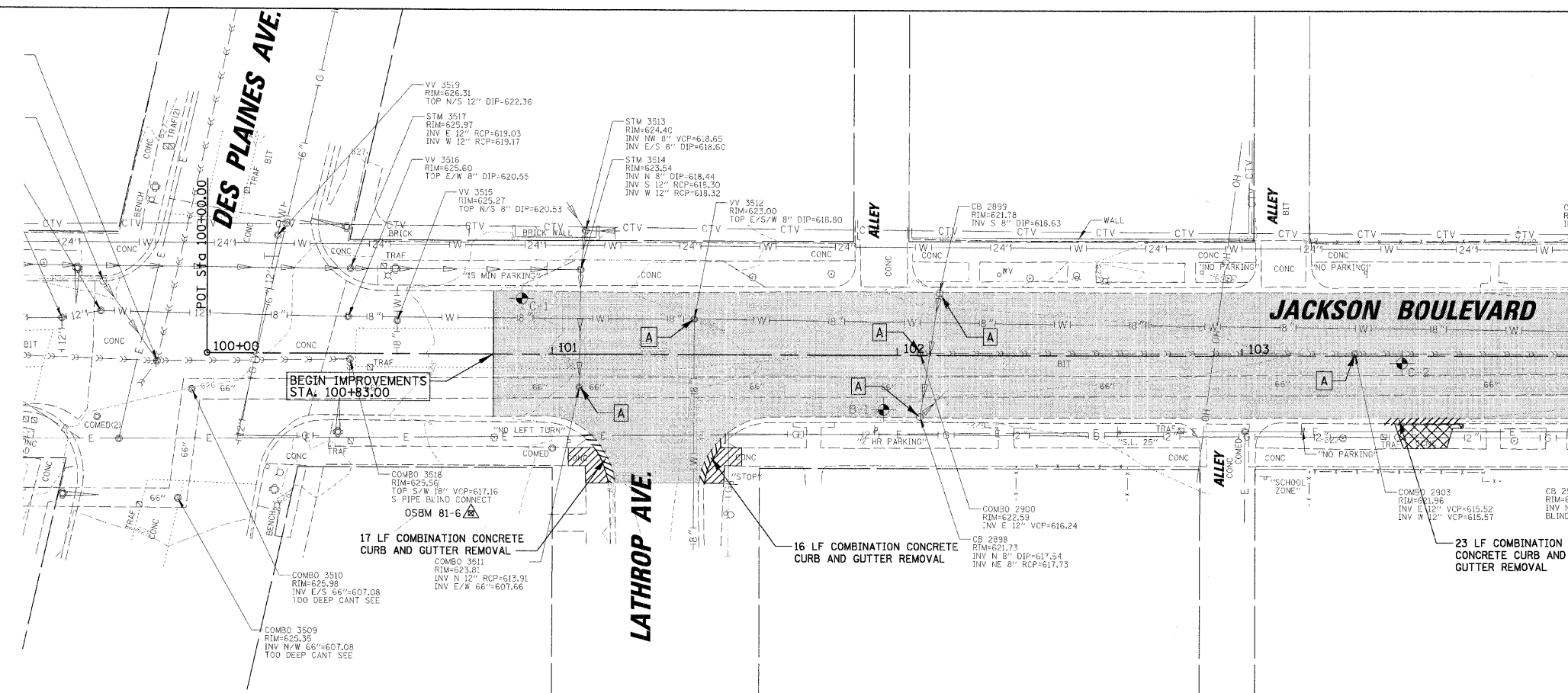
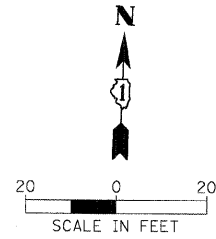


TYPICAL SECTIONS - STAGE II  
STA. 100+82.96 TO STA 116+50

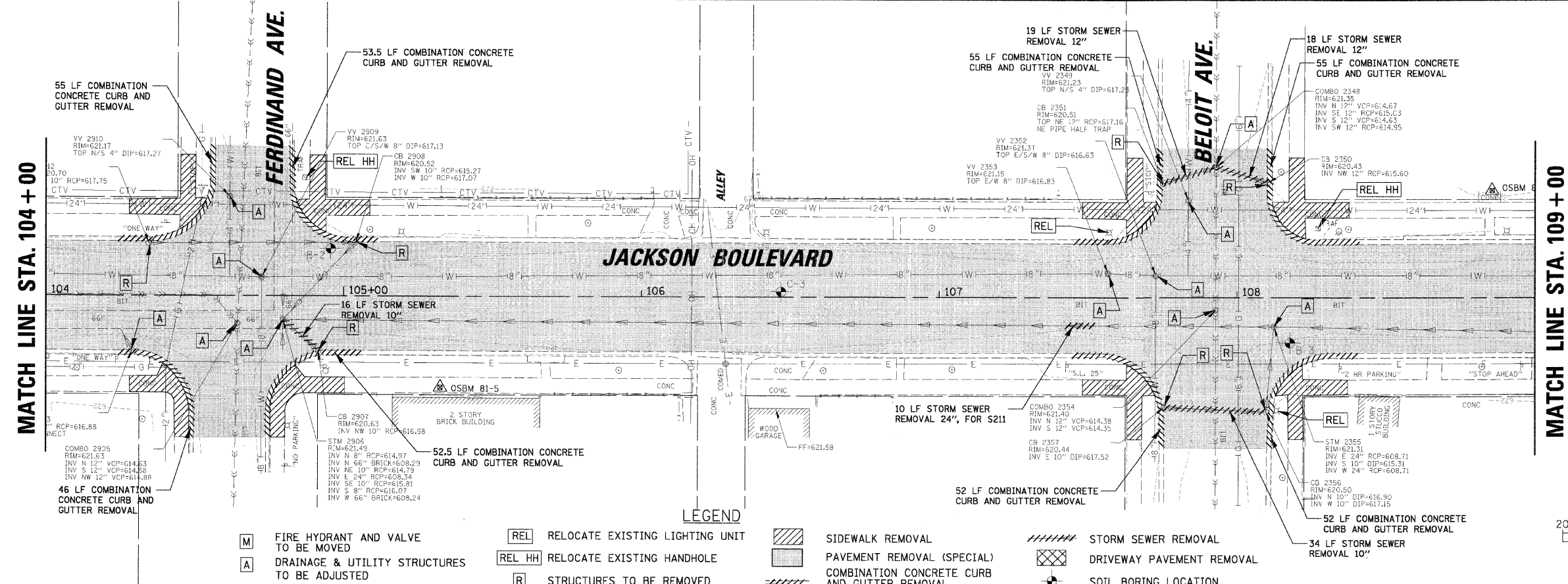


TYPICAL SECTIONS - STAGE II  
STA. 116+50 TO STA. 127+41.61

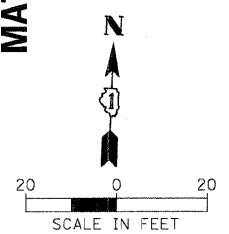
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PLOT SCALE = N.T.S.	CHECKED -	REVISED -	SCALE:			SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT
PLOT DATE = 2/17/2009	DATE -	REVISED -	CONTRACT NO. 63134								



MATCH LINE STA. 104 + 00



MATCH LINE STA. 109 + 00

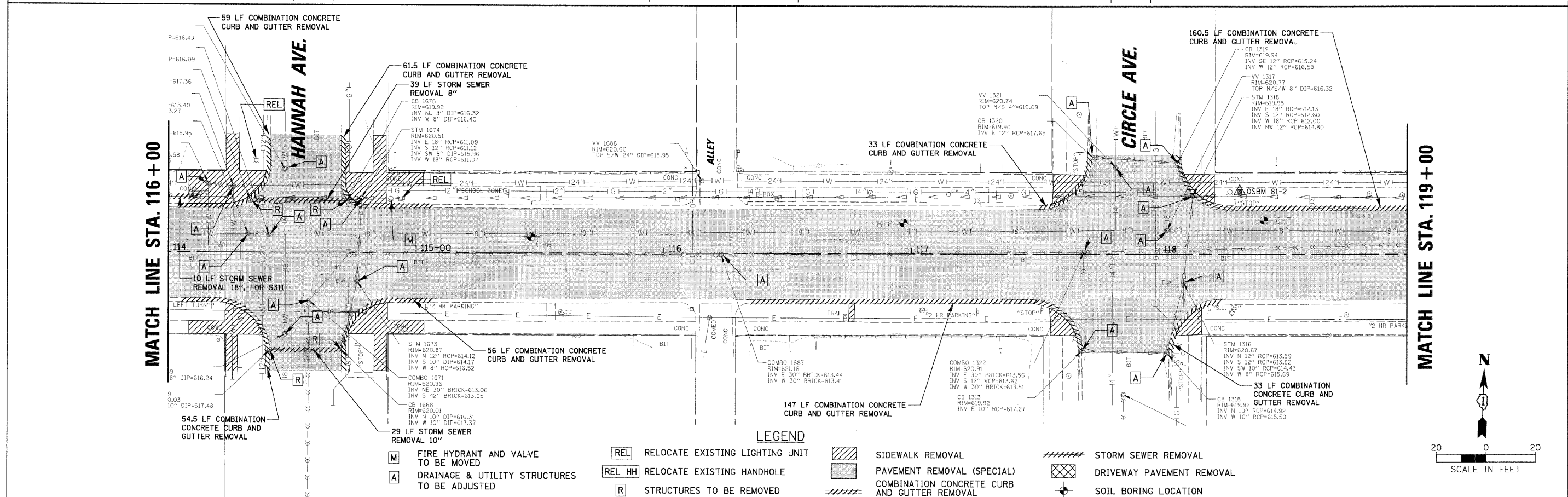
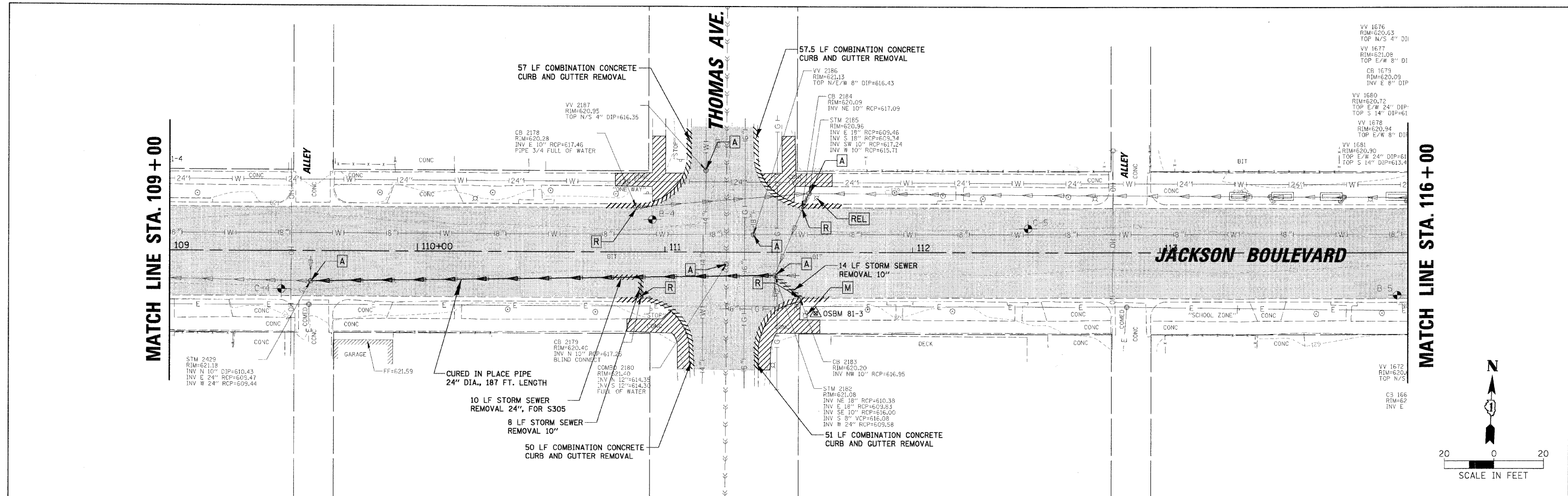


- |     |  |          |                                 |                  |  |                     |                           |
|-----|--|----------|---------------------------------|------------------|--|---------------------|---------------------------|
| [M] | FIRE HYDRANT AND VALVE TO BE MOVED           | [REL]    | RELOCATE EXISTING LIGHTING UNIT | [Hatched]        | SIDEWALK REMOVAL                             | [Dashed]            | STORM SEWER REMOVAL       |
| [A] | DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED | [REL HH] | RELOCATE EXISTING HANDHOLE      | [Stippled]       | PAVEMENT REMOVAL (SPECIAL)                   | [Cross-hatched]     | DRIVEWAY PAVEMENT REMOVAL |
|     |  | [R]      | STRUCTURES TO BE REMOVED        | [Diagonal lines] | COMBINATION CONCRETE CURB AND GUTTER REMOVAL | [Circle with cross] | SOIL BORING LOCATION      |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS - JACKSON BOULEVARD  
STA. 100 + 00 TO STA. 109 + 00**

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PLOT DATE = 2/17/2009	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			



- LEGEND**
- [M] FIRE HYDRANT AND VALVE TO BE MOVED
  - [A] DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
  - [REL] RELOCATE EXISTING LIGHTING UNIT
  - [REL HH] RELOCATE EXISTING HANDHOLE
  - [R] STRUCTURES TO BE REMOVED
  - [Hatched Box] SIDEWALK REMOVAL
  - [Cross-hatched Box] PAVEMENT REMOVAL (SPECIAL)
  - [Diagonal Lines] COMBINATION CONCRETE CURB AND GUTTER REMOVAL
  - [Dashed Box] STORM SEWER REMOVAL
  - [Cross-hatched Box] DRIVEWAY PAVEMENT REMOVAL
  - [Circle with X] SOIL BORING LOCATION

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		DATE -	REVISED -

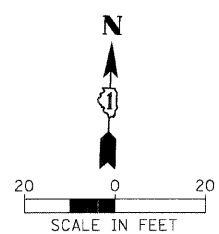
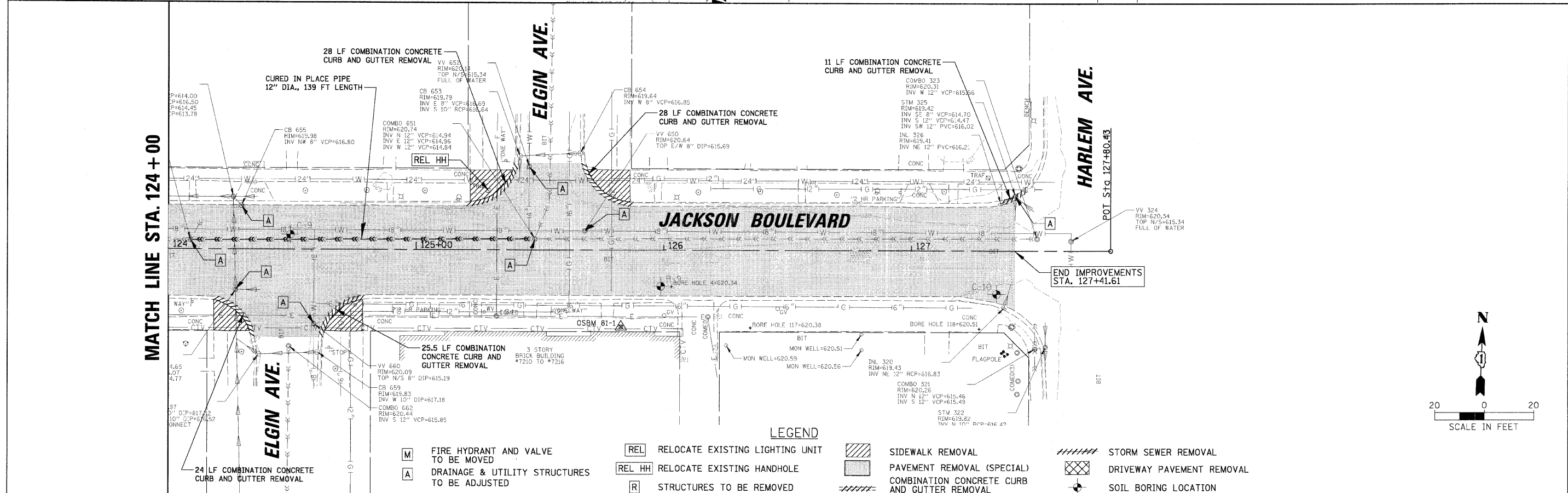
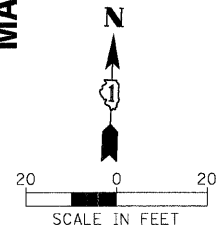
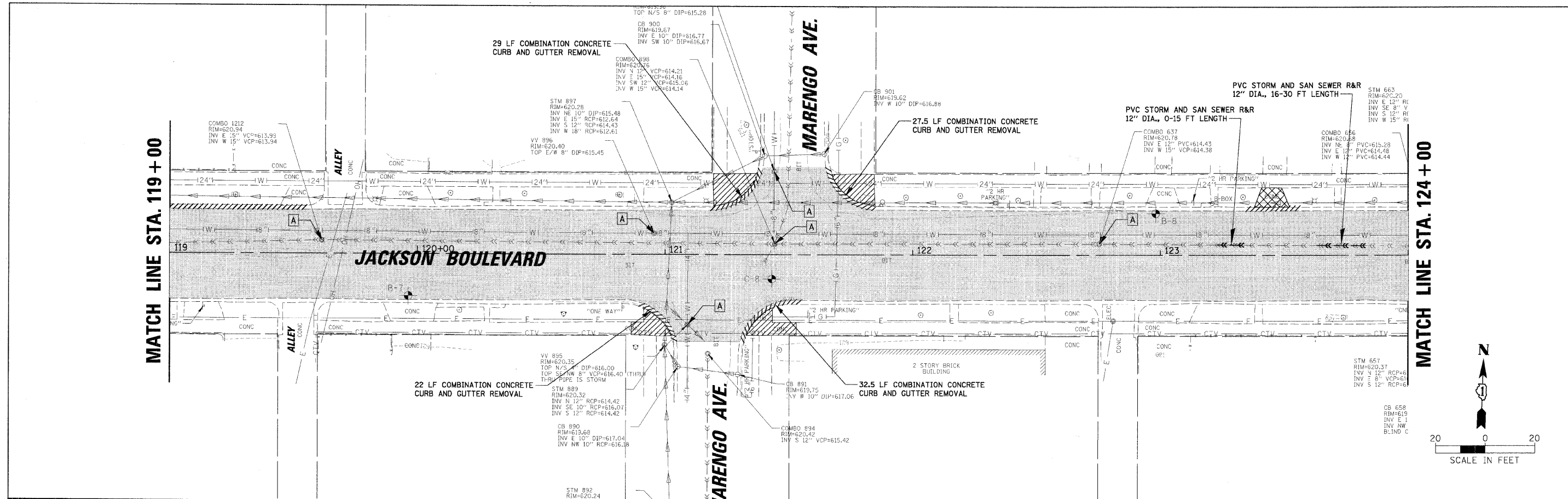
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS - JACKSON BOULEVARD  
STA. 109+00 TO STA. 119+00**

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

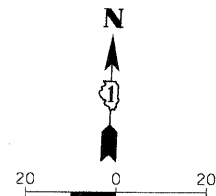
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1462	07-00105-00-PV	COOK	49	11
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				



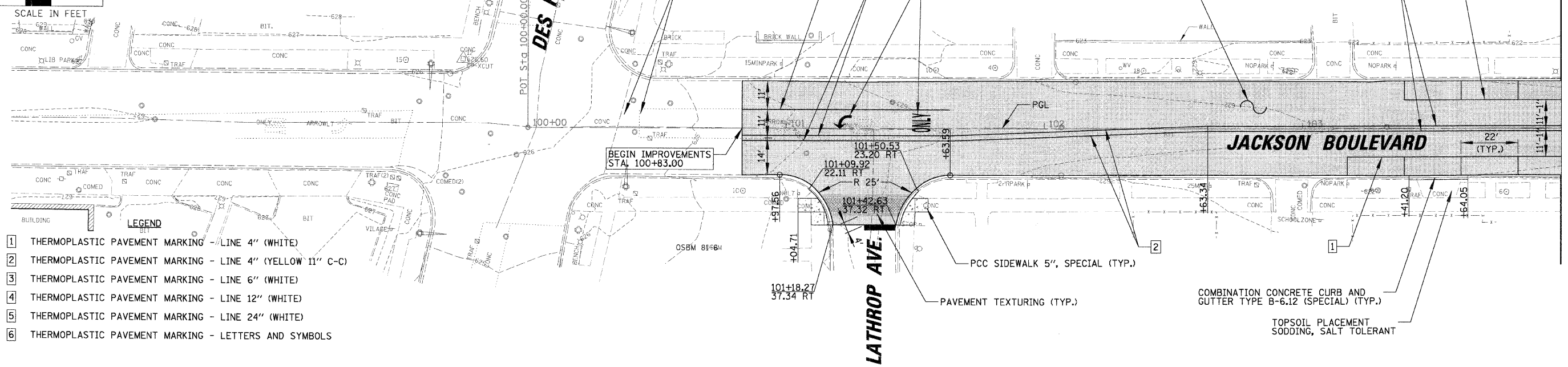
**LEGEND**

<b>[M]</b> FIRE HYDRANT AND VALVE TO BE MOVED	<b>[REL]</b> RELOCATE EXISTING LIGHTING UNIT	SIDEWALK REMOVAL	STORM SEWER REMOVAL
<b>[A]</b> DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	<b>[REL HH]</b> RELOCATE EXISTING HANDHOLE	PAVEMENT REMOVAL (SPECIAL)	DRIVEWAY PAVEMENT REMOVAL
<b>[R]</b> STRUCTURES TO BE REMOVED	<b>[R]</b> STRUCTURES TO BE REMOVED	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	SOIL BORING LOCATION

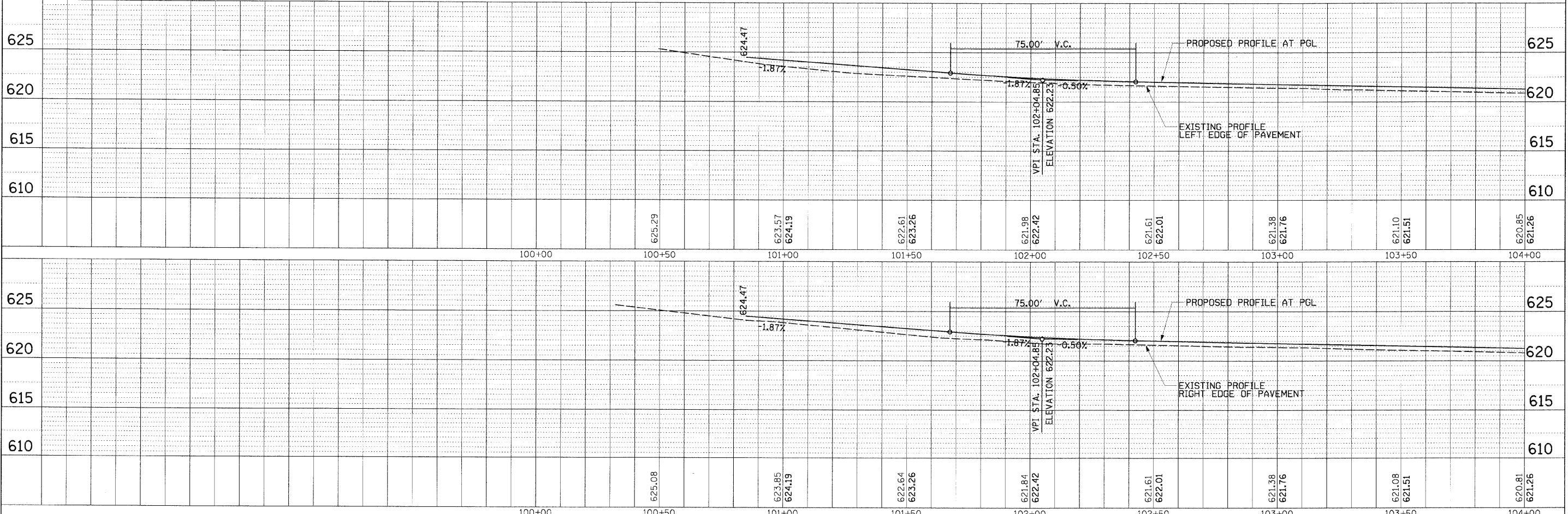
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PLOT DATE = 2/17/2009	DATE -	REVISED -	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							



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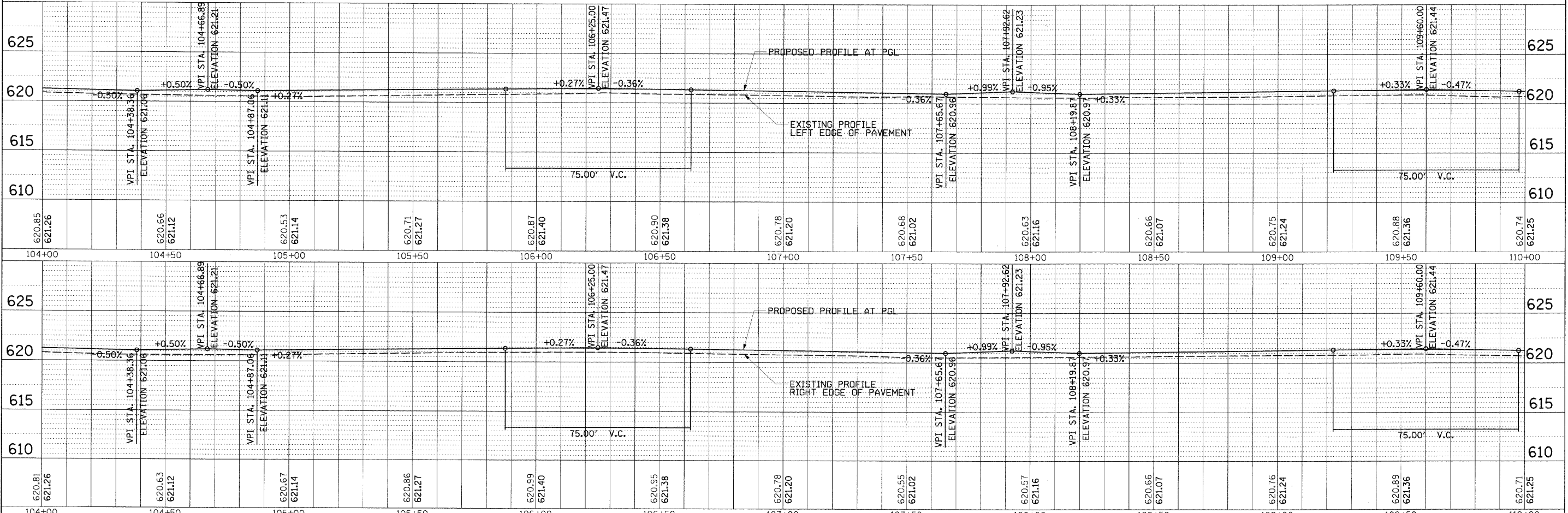
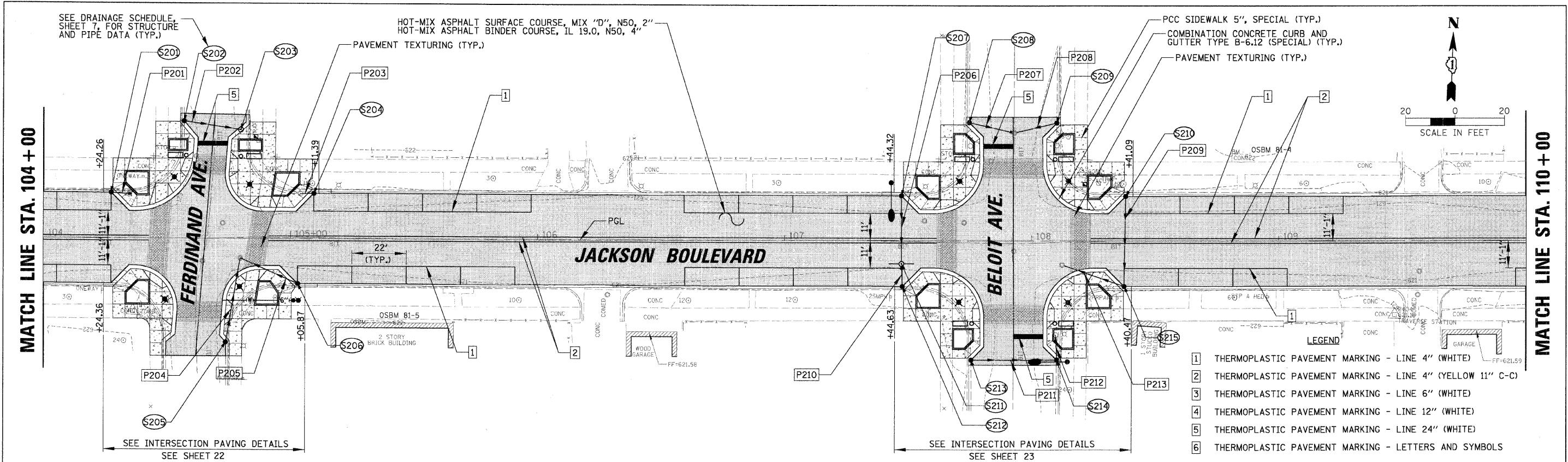
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FILE NAME =	USER NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE - JACKSON BOULEVARD</b> <b>STA. 100 + 00 TO STA. 104 + 00</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NA\F0RESTPARK\070081\Cv\1\VRPP_070081_01.SIT	PLLOT SCALE = 20'	CHECKED -	REVISED -			1462	07-00105-00-PV	COOK	49	13
PLLOT DATE = 2/17/2009	CHECKED -	REVISED -	CONTRACT NO. 63134							
			FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT							

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

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



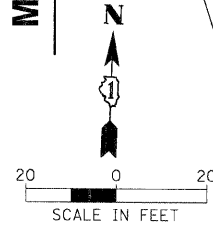
FILE NAME =	USER NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE - JACKSON BOULEVARD</b> <b>STA. 104+00 TO STA. 110+00</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\FORESTPARK\070081\VC\1\VP.PP_070081_02.SHT	PLLOT SCALE = 20'	CHECKED -	REVISED -			1462	07-00105-00-PV	COOK	49	14	
PLLOT DATE = 2/17/2009		DRAWN -	REVISED -			CONTRACT NO. 63134					
		CHECKED -	REVISED -			FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT					

PLAN SURVEYED BY DATE  
 PLOTTED BY  
 CHECKED BY  
 REVISIONS  
 RT. OF WAY CHECKED  
 NO. CAD FILE NAME

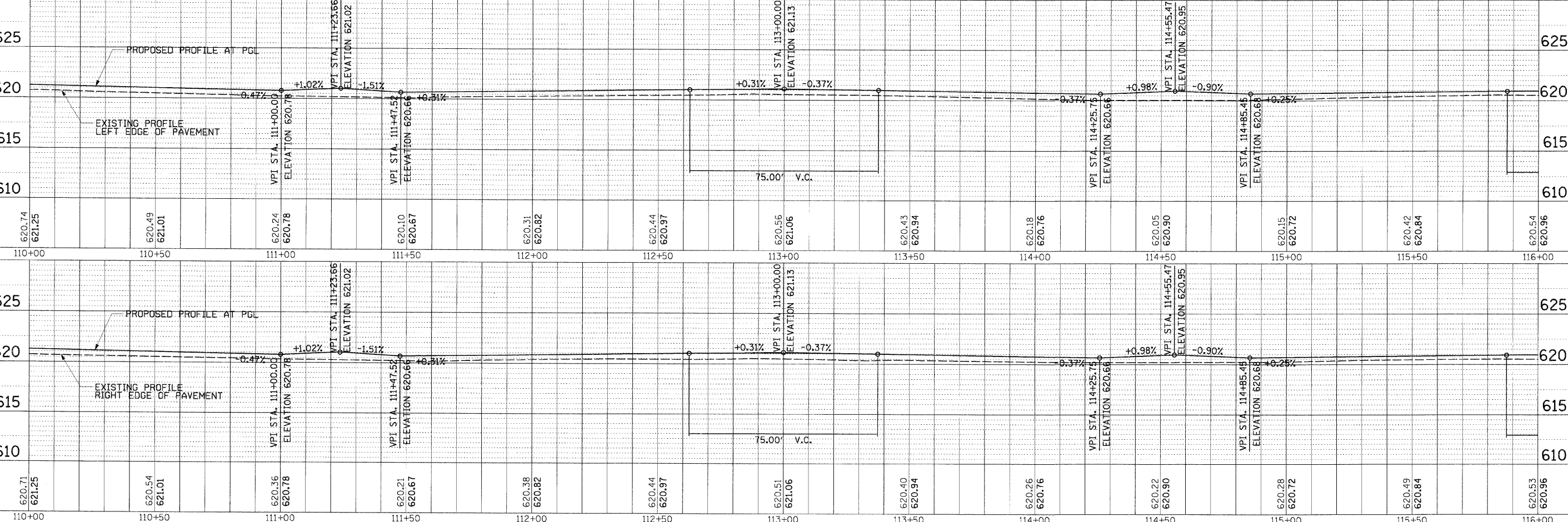
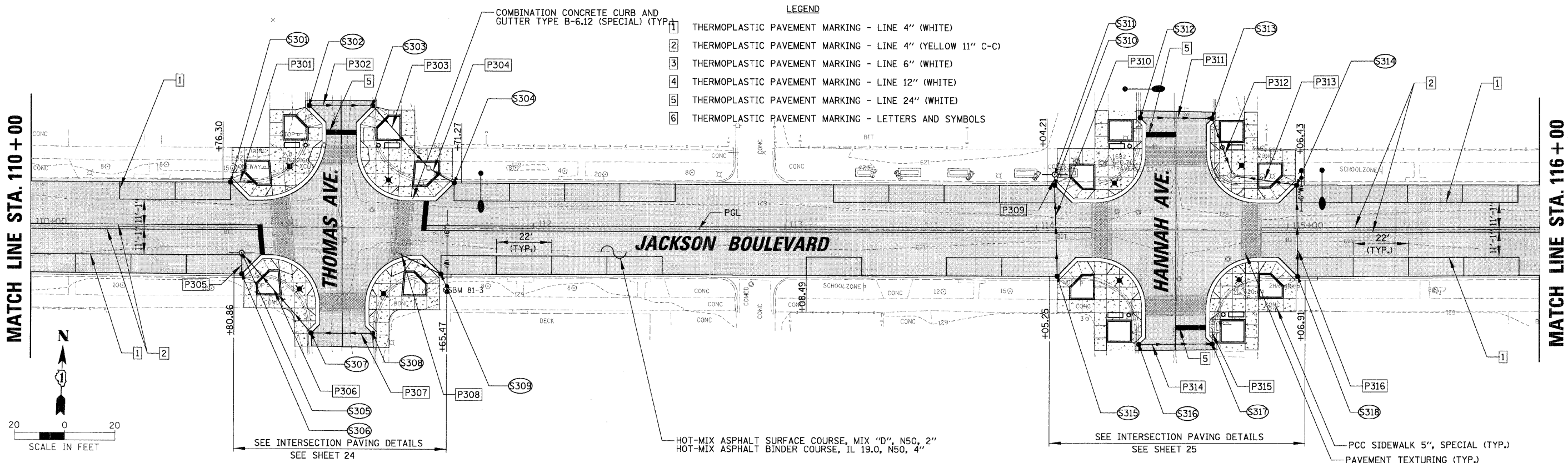
PROFILE SURVEYED BY DATE  
 PLOTTED BY  
 CHECKED BY  
 REVISIONS  
 STRUCTURE NOTATION DRWD  
 NO.

MATCH LINE STA. 110+00

MATCH LINE STA. 116+00



- 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

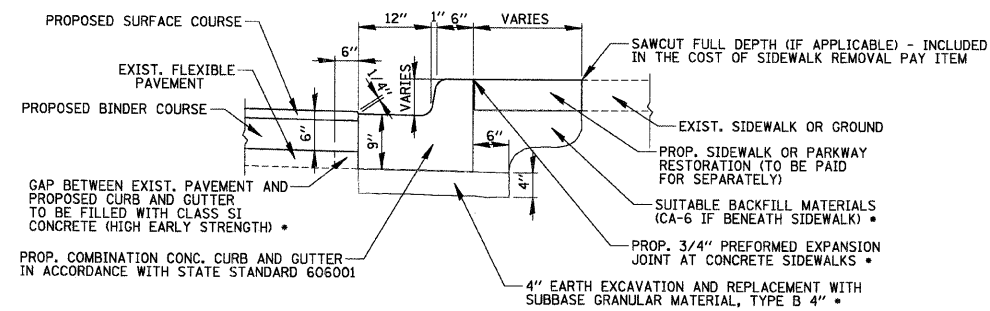


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PLOT SCALE = 20'	DRAWN -	REVISD -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 63134				
PLOT DATE = 2/17/2009	CHECKED -	REVISD -	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							





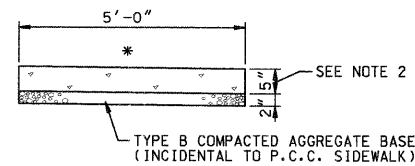




NOTE:  
LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB REMOVAL OR CURB AND GUTTER REMOVAL.

\* INCLUDED IN THE COST FOR COMBINATION CONCRETE CURB AND GUTTER

**COMBINATION CURB AND GUTTER ADJACENT TO EXIST. PAVEMENT AND/OR SIDEWALK**  
N.T.S.

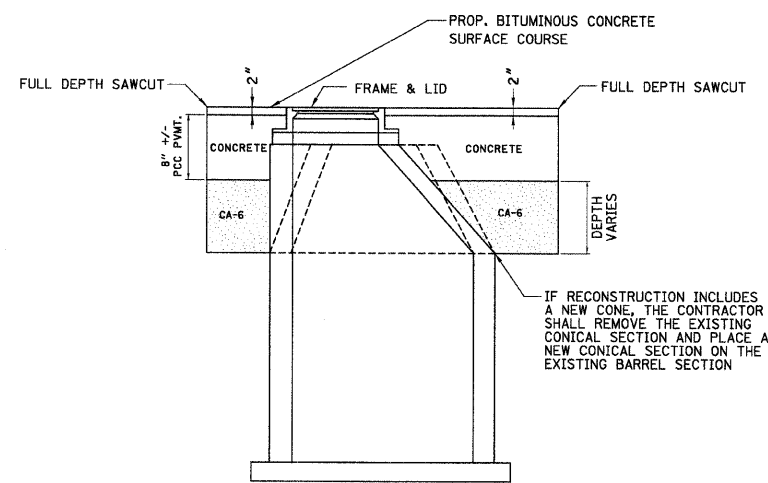
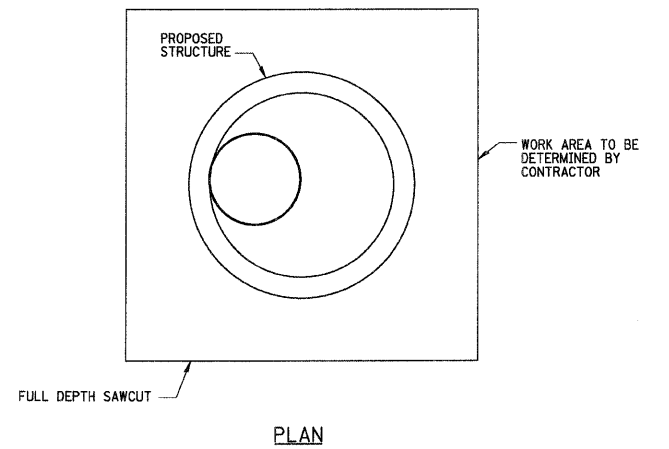


\* CROSS SLOPE 2% OR AS SHOWN ON CROSS SECTIONS

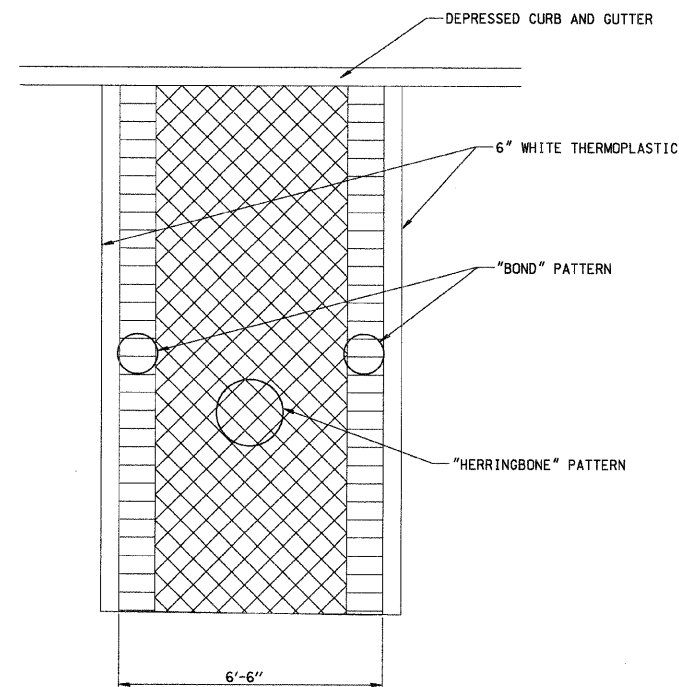
**NOTES:**

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)

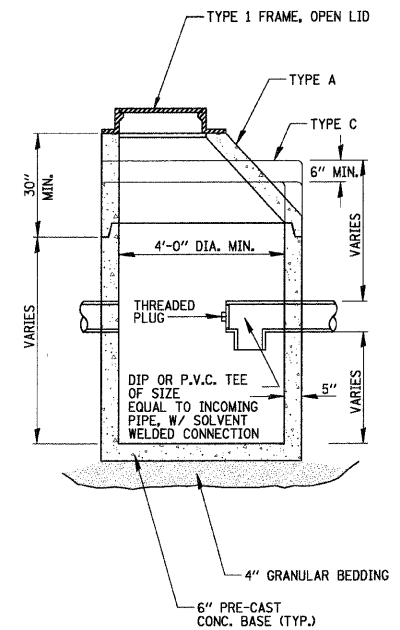
**P.C.C. SIDEWALK 5 INCH, SPECIAL**  
N.T.S.



**ELEVATION**  
**PAVEMENT PATCHING**  
**(INCIDENTAL TO REMOVAL AND RECONSTRUCTION OF STRUCTURES)**  
N.T.S.

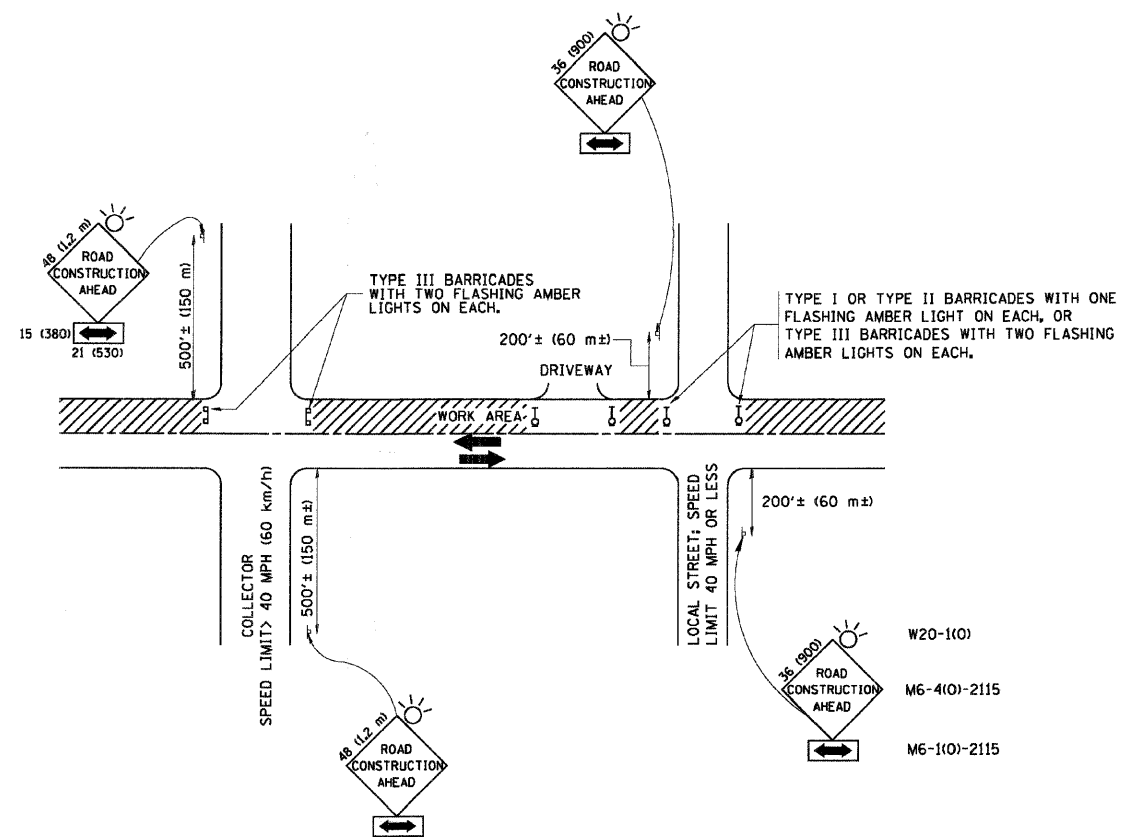


**PATTERN STAMPED CROSSWALKS**  
N.T.S.



**CATCH BASIN TYPE A WITH HALF TRAP**  
NOTE: INSTALL P.V.C. OR DIP TEE ON PIPES CONNECTING TO COMBINED OR RELIEF MANHOLES ONLY.  
N.T.S.

FILE NAME =	USER NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CONSTRUCTION DETAILS - JACKSON BOULEVARD</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\F0RESTPARK\070001\Civil\DET_070001.DWG	SHT	DRAWN -	REVISED -			1462	07-00105-00-PV	COOK	49	18	
	PLOT SCALE = N.T.S.	CHECKED -	REVISED -			CONTRACT NO. 63134					
	PLOT DATE = 2/17/2009	DATE -	REVISED -			FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT					
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	



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

**NOTES:**

**A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

- a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

- a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

**B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**

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

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 58.000' / 1 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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	19
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

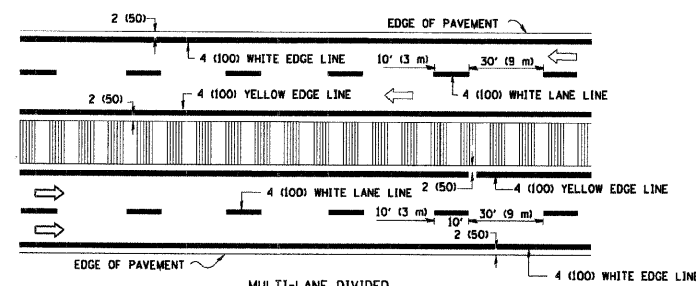
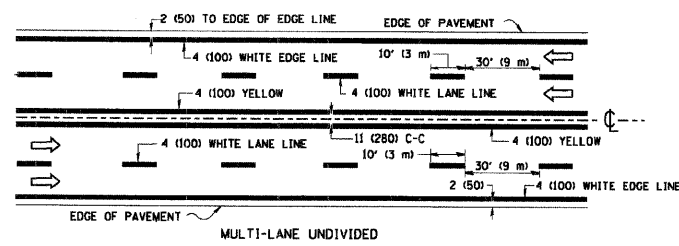
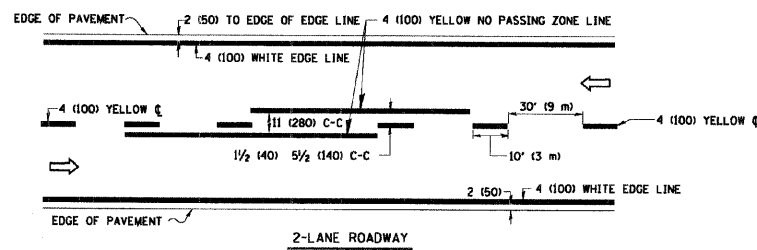
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS - JACKSON BOULEVARD**

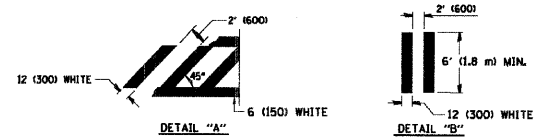
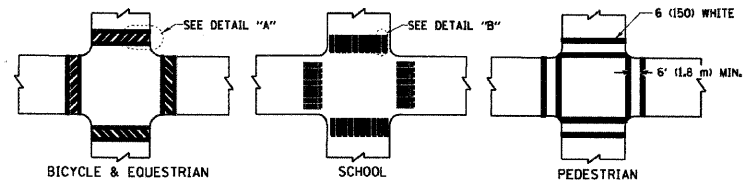
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	19
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

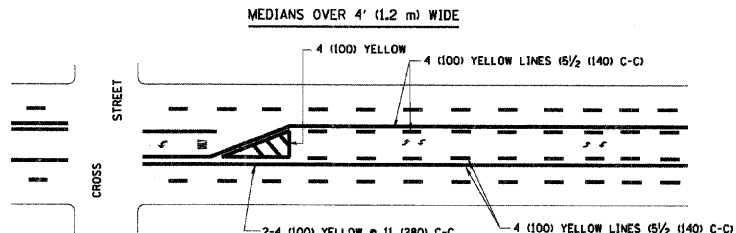
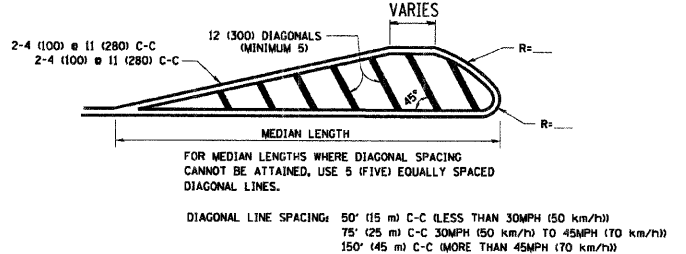
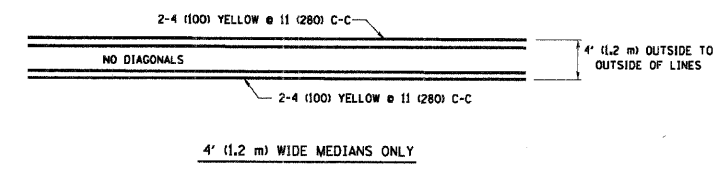


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

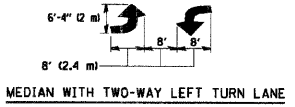
TYPICAL LANE AND EDGE LINE MARKING



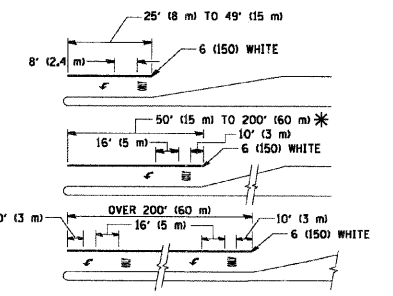
TYPICAL CROSSWALK MARKING



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



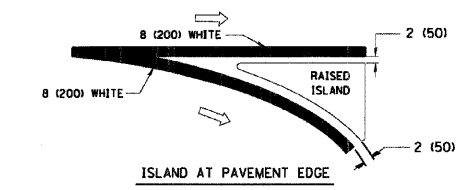
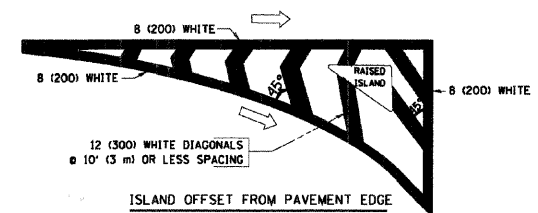
TYPICAL PAINTED MEDIAN MARKING



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>)

TYPICAL LEFT (OR RIGHT) TURN LANE

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	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100)	SKIP-DASH	WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
LANE LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	5 (125) ON FREEWAYS	SKIP-DASH	WHITE	
DOTTED LINES	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE, FULL SIZE LETTERS & SYMBOLS 8" (2.4m)	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8" (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN & A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL))	2 @ 6 (150)	SOLID	WHITE	NOT LESS THAN 6' (1.8 m) APART
	12 (300) @ 45°	SOLID	WHITE	2' (600) APART
	12 (300) @ 90°	SOLID	WHITE	SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.
	NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS			
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' (22.5 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.

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		DRAWN -	REVISED - A. HOUSEH 10-09-96
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	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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-13		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

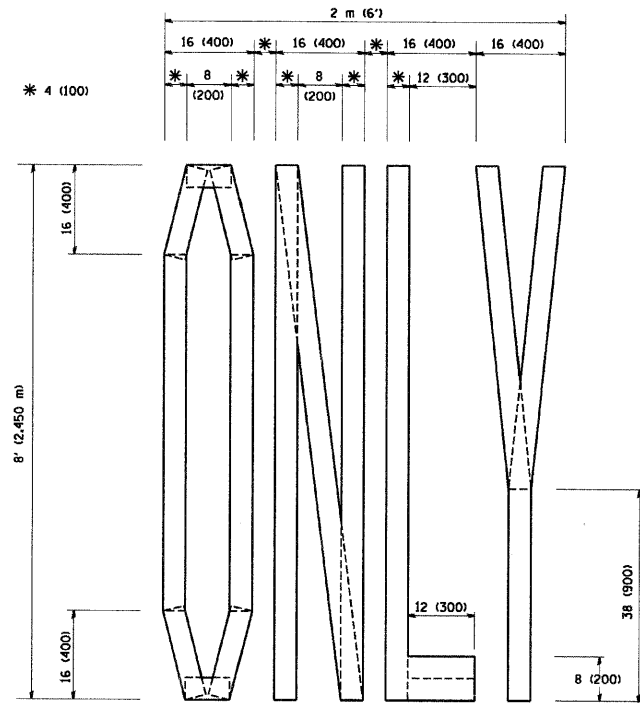
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	PLOT DATE = 2/17/2009	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

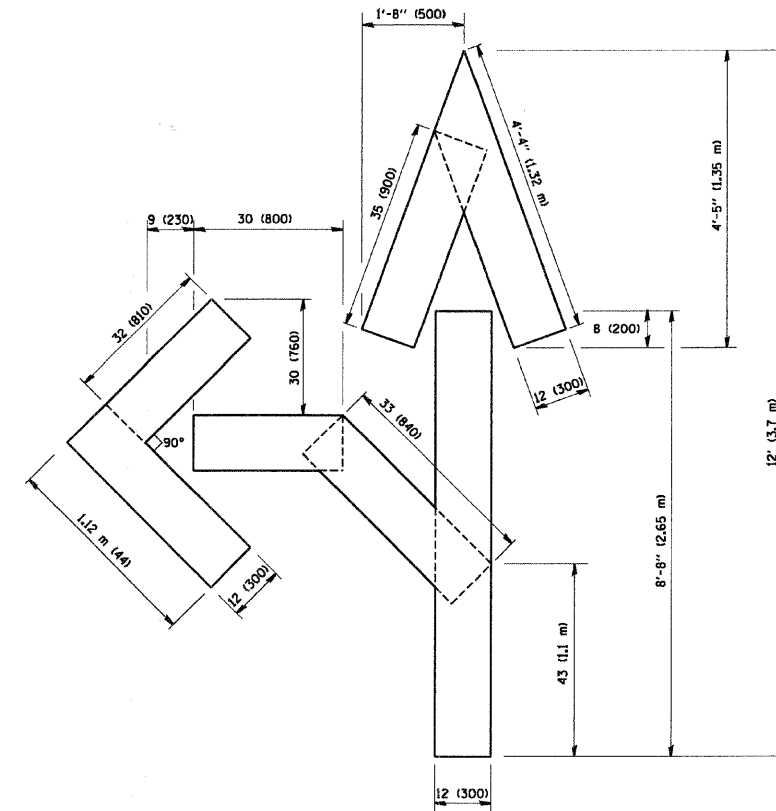
CONSTRUCTION DETAILS - JACKSON BOULEVARD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	20
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

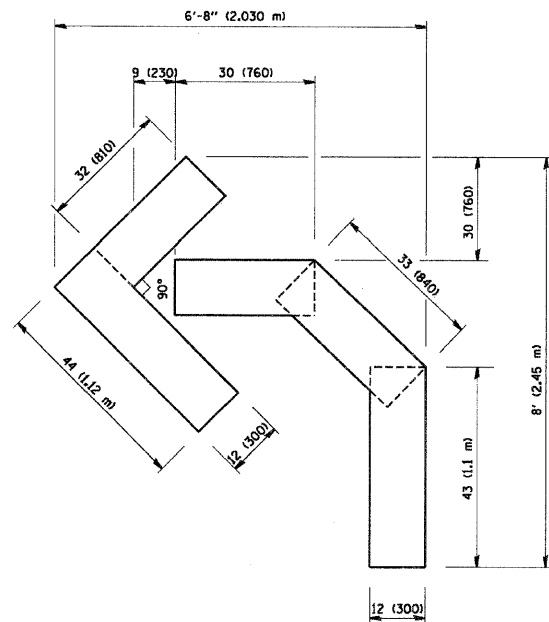
SCALE: SHEET NO. OF SHEETS STA. TO STA.



QUANTITY  
4 (100) LINE = 64.1 ft. (19.7 m)  
21.1 sq. ft. (1.97 sq. m)



QUANTITY  
4 (100) LINE = 82.5 ft. (25.3 m)  
27.5 sq. ft. (2.53 sq. m)



QUANTITY  
4 (100) LINE = 45.5 ft. (13.9 m)  
15.2 sq. ft. (1.39 sq. m)

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

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS  
FOR TRAFFIC STAGING

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	21
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63134	

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

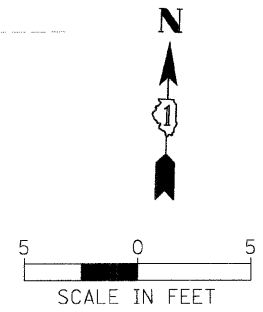
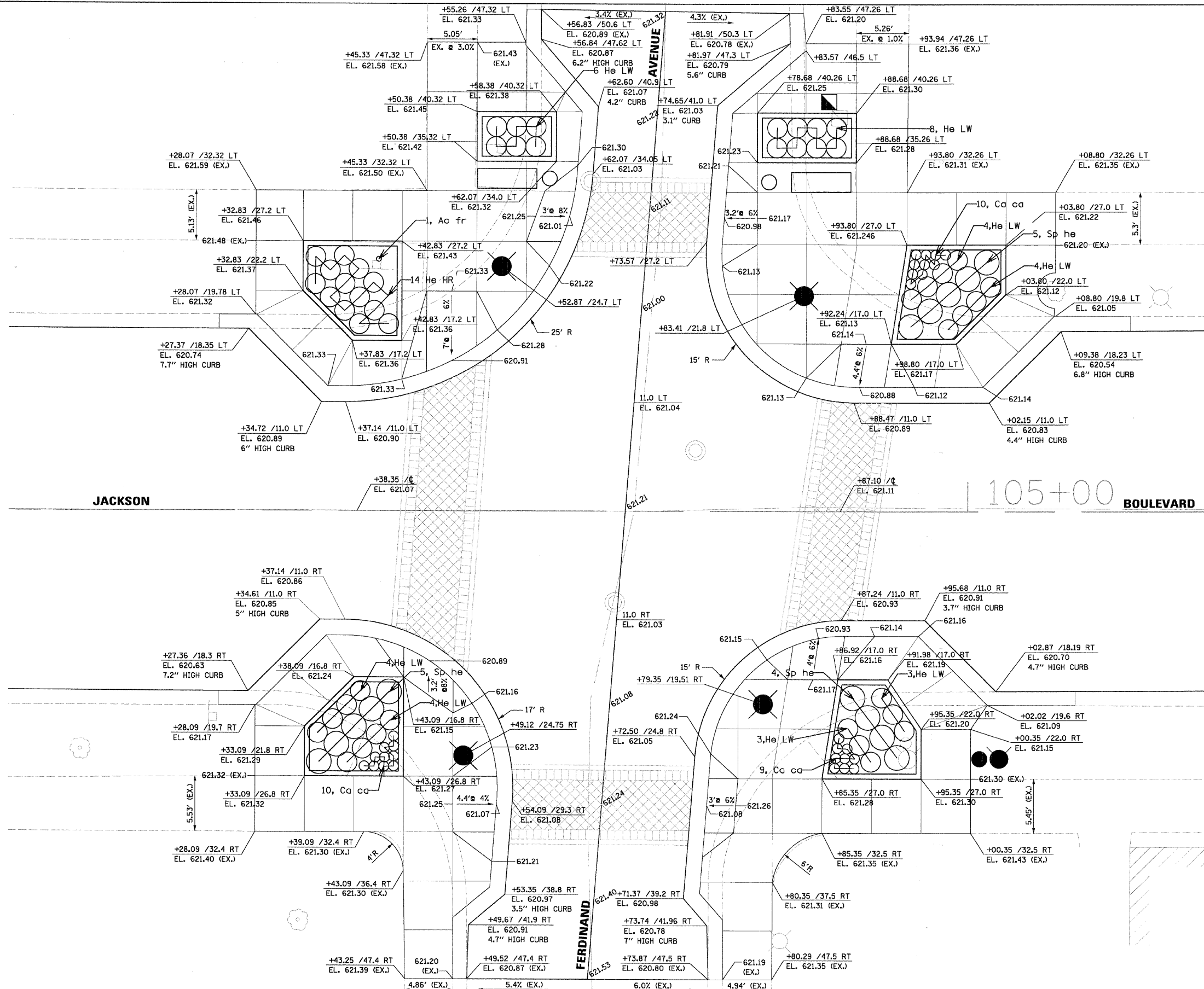
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS - JACKSON BOULEVARD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	21
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63134	

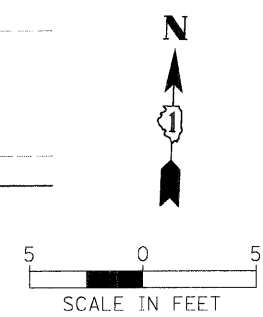
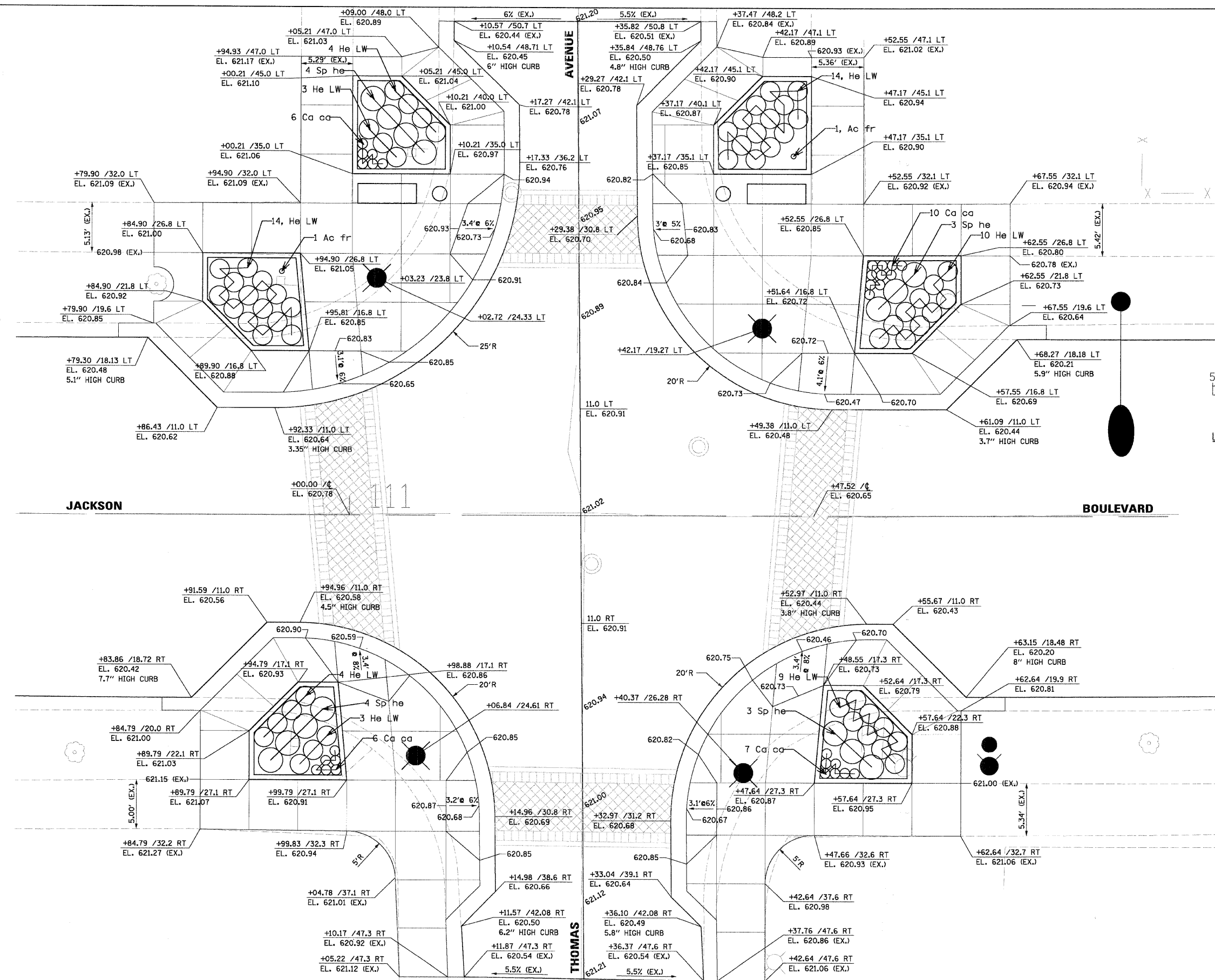
SCALE: SHEET NO. OF SHEETS STA. TO STA.



- LEGEND**
- TEXTURED PAVEMENT
  - PEDESTRIAN CROSSWALK
  - BENCH WITH BACK
  - TRASH RECEPTACLE
  - LIGHT POLE AND LUMINAIRE, ORNAMENTAL
  - PROPOSED HANDHOLE
  - PROPOSED TREE PER VEGETATION SCHEDULE

FILE NAME =	USER NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION PAVING AND LANDSCAPING DETAIL JACKSON BOULEVARD AND FERDINAND AVENUE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\FORESTPAR\070001\CIVIL\INT_070001_01.SHT		DRAWN -	REVISED -			1462	07-00105-00-PV	COOK	49	22	
PLOT SCALE = 5'		CHECKED -	REVISED -			CONTRACT NO. 63134					
PLOT DATE = 2/17/2009		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

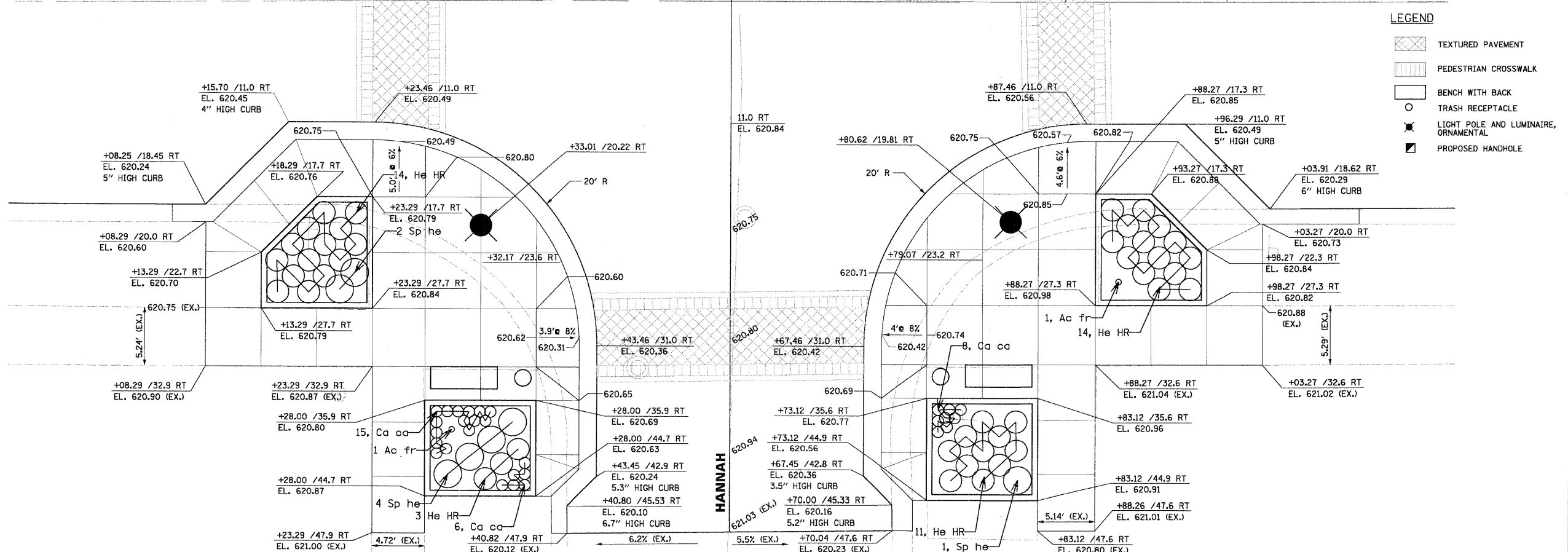
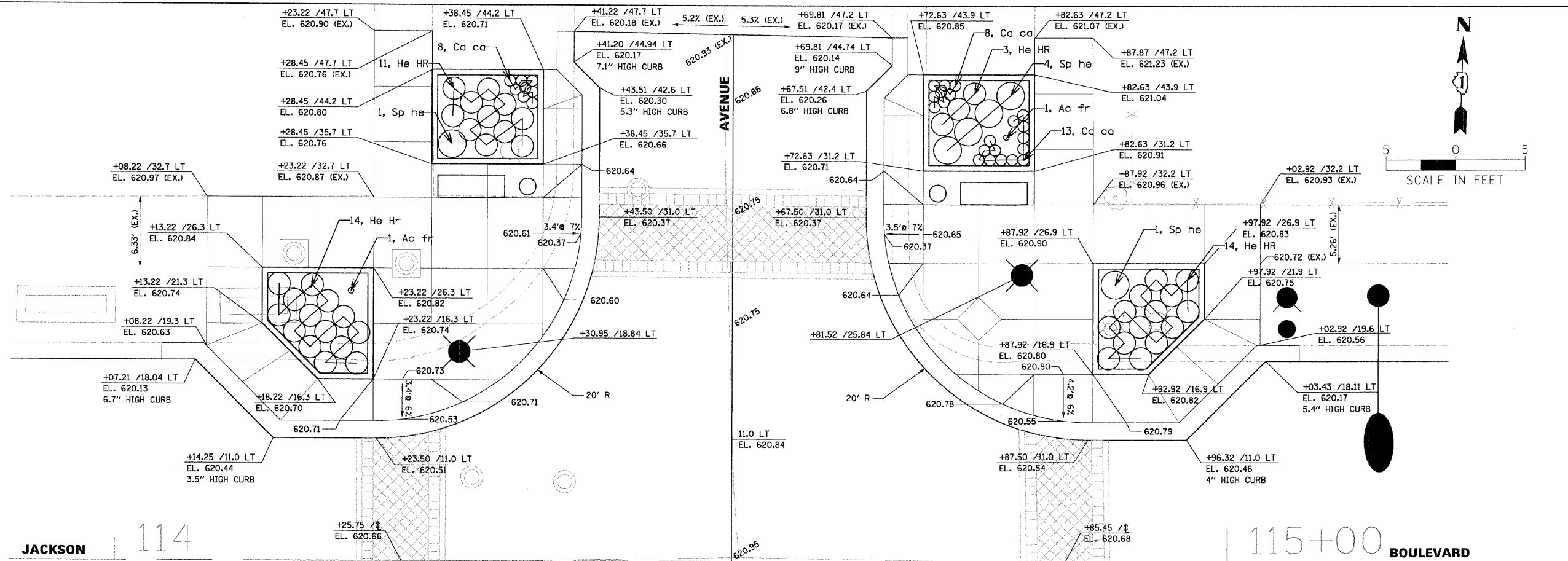




- LEGEND**
- TEXTURED PAVEMENT
  - PEDESTRIAN CROSSWALK
  - BENCH WITH BACK
  - TRASH RECEPTACLE
  - LIGHT POLE AND LUMINAIRE, ORNAMENTAL
  - PROPOSED HANDHOLE

FILE NAME = N:\FORESTPARK\070001\Civil\INT_072081_03.SHT	USER NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION PAVING AND LANDSCAPING DETAIL JACKSON BOULEVARD AND THOMAS AVENUE</b>	F.A. RTE. 1462	SECTION 07-00105-00-PV	COUNTY COOK	TOTAL SHEETS 49	SHEET NO. 24		
PLLOT SCALE = 5'	CHECKED -	REVISED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.						
PLLOT DATE = 2/17/2009	DATE -	REVISED -	REVISED -			CONTRACT NO. 63134						
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT												
3												





FILE NAME = N:\FORESTPARK\070081\CIVIL\INT_070081_04	USER NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION PAVING AND LANDSCAPING DETAIL JACKSON BOULEVARD AND HANNAH AVENUE</b>	F.A. RTE. 1462	SECTION 07-00105-00-PV	COUNTY COOK	TOTAL SHEETS 49	SHEET NO. 25	
PLLOT SCALE = 5'	CHECKED -	REVISED -	SCALE:			SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT	CONTRACT NO. 63134			
PLLOT DATE = 2/17/2009	DATE -	REVISED -									

## LIGHTING NOTES

1. CAST A GROUND ROD  $\frac{5}{8}$ " 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  $\frac{1}{4}$ " DIAMETER SCH 40 HDPE WITH 1/C #6, 1/C #6 NEUTRAL & 1/C #6 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 PLOWING 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 INSTALLTION COMPLIES WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS.

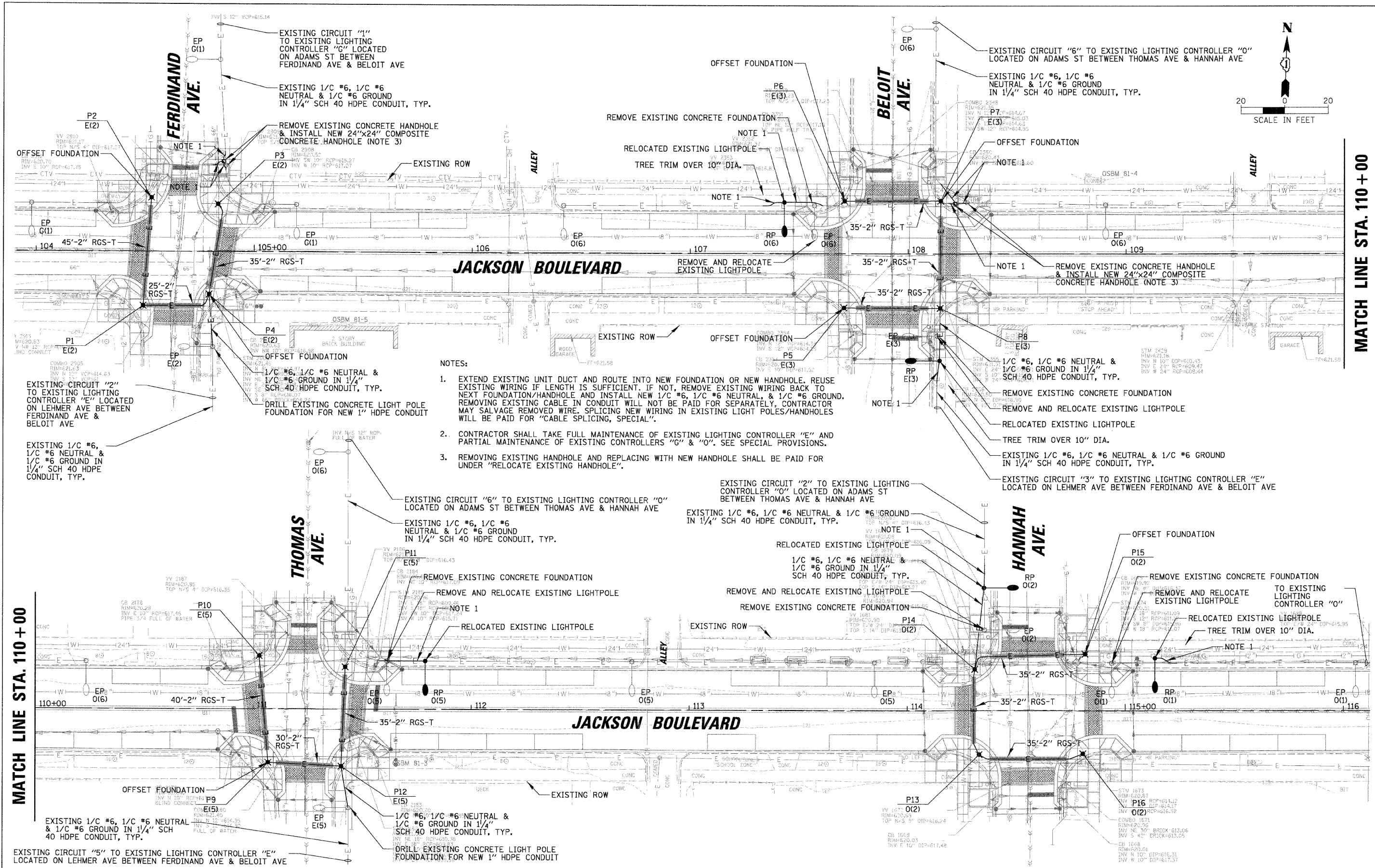
## BILL OF MATERIALS

CODE NO.	DESCRIPTION	UNIT	QUANTITY
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	465
81017515	CONDUIT IN TRENCH, $\frac{1}{4}$ " DIA., COILABLE NONMETALLIC CONDUIT	FOOT	95
81030100	CONDUIT SPLICE	EACH	7
81702415	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 3-1/C NO. 6	FOOT	550
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	900
82400700	LIGHTING FOUNDATION REMOVAL	EACH	5
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	5
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	94
83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	70
87900100	DRILL EXISTING FOUNDATION	EACH	2
X0321478	MAINTENANCE OF EXISTING LIGHTING SYSTEMS	LSUM	1
X0322951	CABLE SPLICE, SPECIAL	EACH	7
X8950215	RELOCATE EXISTING HANDHOLE	EACH	2
XX004887	ORNAMENTAL LIGHTING UNIT, COMPLETE	EACH	16
XX006937	GROUND ROD, $\frac{5}{8}$ " X 10FT.	EACH	21
	UNIT DUCT, 600V, 1/C #6, 1/C #6 NEUTRAL & 1/C #6 GND. (XLP TYPE-USE) IN $\frac{1}{4}$ " DIA. SCH 40 HDPE, IN TRENCH	FOOT	920

### LEGEND

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

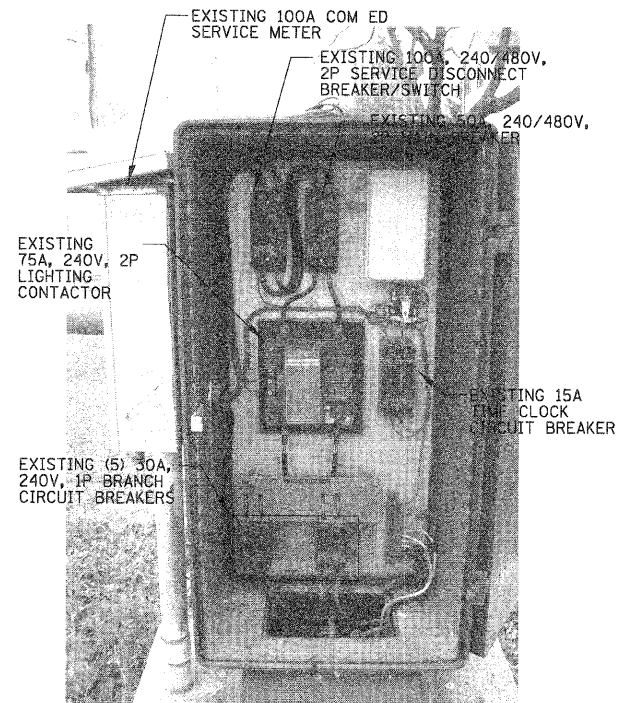
FILE NAME =	USER NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY LIGHTING IMPROVEMENTS - JACKSON BLVD. LIGHTING NOTES &amp; BILL OF MATERIALS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\072021\Map\NOT_072021.DWG	PLOT SCALE = N.T.S.	DRAWN -	REVISED -			1462	07-00105-00-PV	COOK	49	26
PLOT DATE = 2/17/2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 63134				
						SCALE:	SHEET NO.	OF	SHEETS	STA.



- 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 1/2" #6, 1/2" #6 NEUTRAL, & 1/2" #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 CONTROLLER "E" AND PARTIAL MAINTENANCE OF EXISTING CONTROLLERS "G" & "O". SEE SPECIAL PROVISIONS.
  3. REMOVING EXISTING HANDHOLE AND REPLACING WITH NEW HANDHOLE SHALL BE PAID FOR UNDER "RELOCATE EXISTING HANDHOLE".

FILE NAME = N:\FOREST\PARK\070001\Mech\LGIT_070001.DWG	USER NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY LIGHTING IMPROVEMENTS - JACKSON BLVD. LIGHTING PLAN</b>	F.A. RTE. 1462	SECTION 07-00105-00-PV	COUNTY COOK	TOTAL SHEETS 49	SHEET NO. 27		
PLOT SCALE = 20'	PLOT DATE = 2/17/2009	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				
		CHECKED -	REVISED -					CONTRACT NO. 63134				
		DATE -	REVISED -									

MATCH LINE STA. 110+00



### DESCRIPTION OF WORK

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).

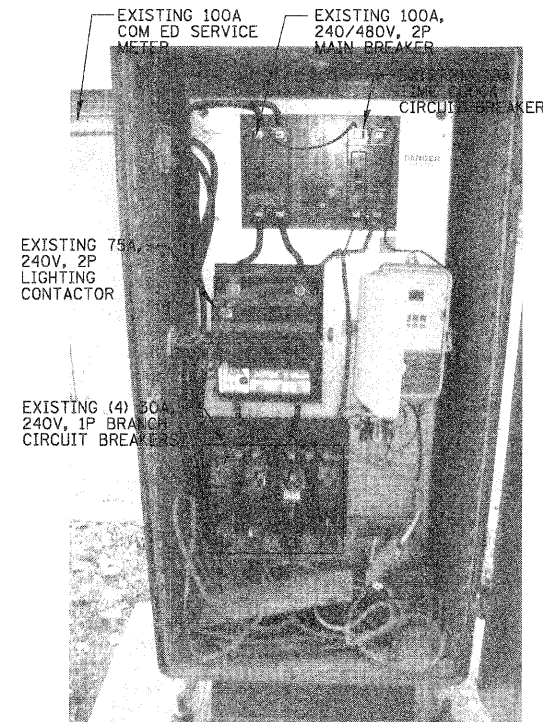
PROPOSED LIGHTING SHALL BE CONNECTED TO EXISTING LIGHTING CIRCUITS, AS SHOWN ON THE PLANS. NO WORK IS PROPOSED TO THIS CONTROLLER, IT IS SHOWN FOR INFORMATIONAL PURPOSES ONLY.

LIGHTING CONTROLLER LOADS	
DESCRIPTION OF LOAD	LOAD (AMPS)
REV. BRANCH CKT NO. 2	8.5 A
REV. BRANCH CKT NO. 3	8.5 A
REV. BRANCH CKT NO. 5	8.5 A
TOTAL LOAD ON EX. CONTROLLER "E"	25 A

NOTE: TABULATED LOADS INCLUDE PROPOSED LIGHT POLES.

### EXISTING LIGHTING CONTROLLER "E"

LOCATED ON SOUTH SIDE OF LEHMER AVE. BETWEEN FERDINAND AVE. & BELOIT AVE.



### DESCRIPTION OF WORK

CONTRACTOR SHALL TAKE PARTIAL MAINTENANCE OF EXISTING LIGHTING CONTROLLER, CIRCUIT THAT IS AFFECTED, 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).

PROPOSED LIGHTING SHALL BE CONNECTED TO EXISTING LIGHTING CIRCUITS, AS SHOWN ON THE PLANS. NO WORK IS PROPOSED TO THIS CONTROLLER, IT IS SHOWN FOR INFORMATIONAL PURPOSES ONLY.

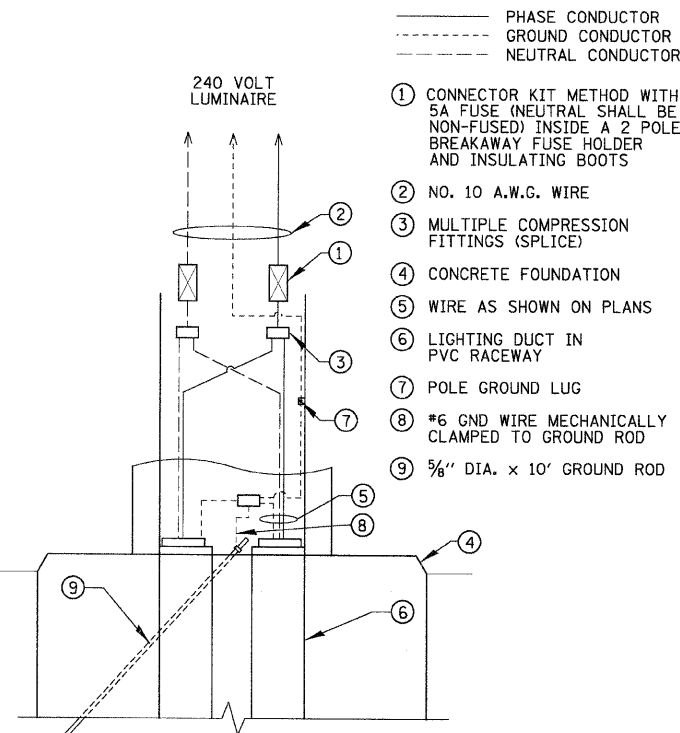
LIGHTING CONTROLLER LOADS	
DESCRIPTION OF LOAD	LOAD (AMPS)
REV. BRANCH CKT NO. 2	16 A
TOTAL LOAD ON EX. CONTROLLER "O"	40 A

NOTE: TABULATED LOADS INCLUDE PROPOSED LIGHT POLES.

### EXISTING LIGHTING CONTROLLER "O"

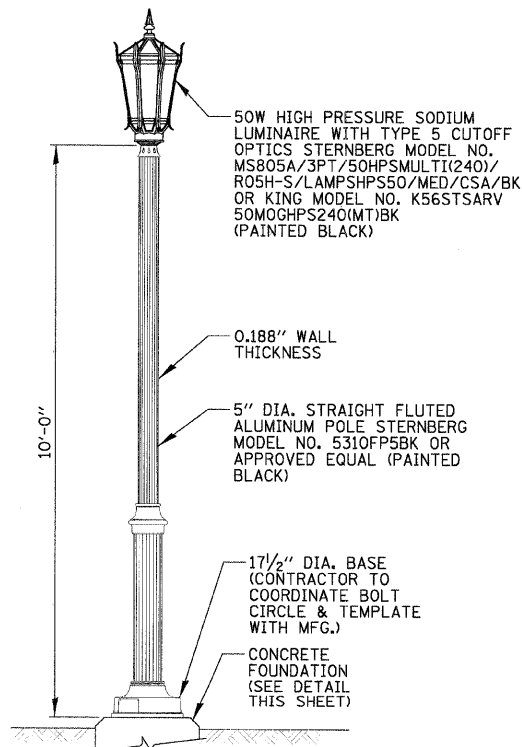
LOCATED ON NORTH SIDE OF ADAMS ST. BETWEEN THOMAS AVE. & HANNAH AVE.

FILE NAME = N:\FORESTPARK\270081\Mech\LD1_070081.D	USER NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY LIGHTING IMPROVEMENTS - JACKSON BLVD. LIGHTING DETAILS (1 OF 3)</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	SHT	DRAWN -	REVISED -			1462	07-00105-00-PV	COOK	49	28	
	PLOT SCALE = 20'	CHECKED -	REVISED -			CONTRACT NO. 63134					
	PLOT DATE = 2/17/2009	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



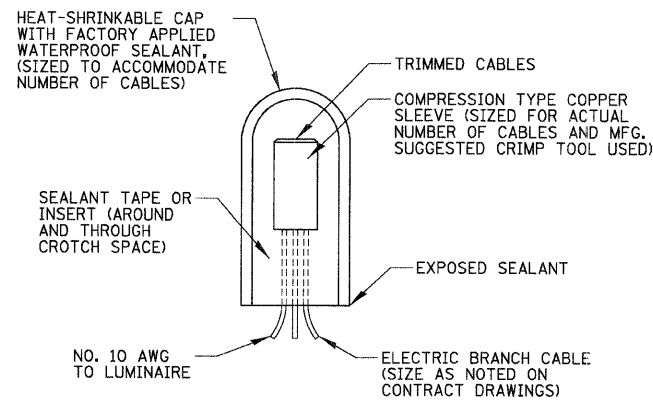
**POLE HANDHOLE WIRING DIAGRAM**

N.T.S.



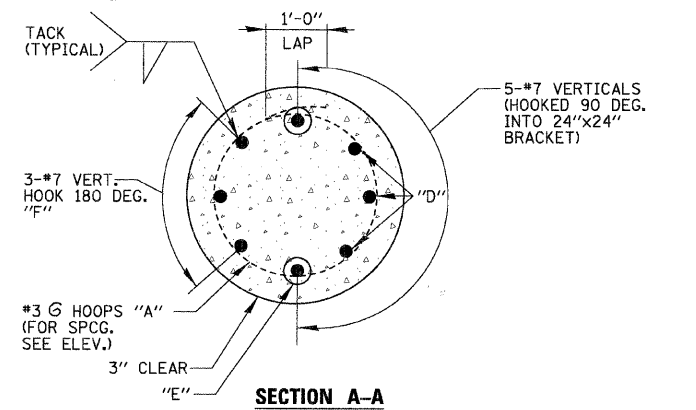
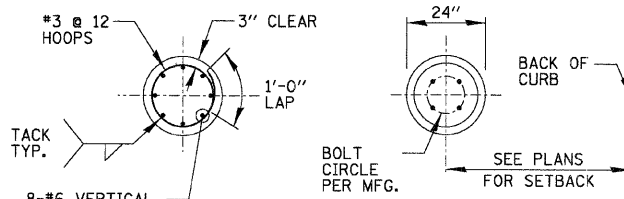
**ORNAMENTAL LIGHTPOLE DETAIL**

N.T.S.

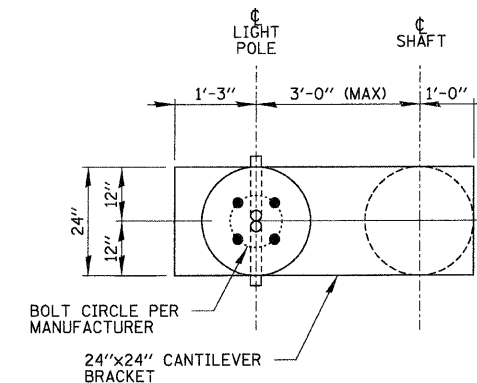


**SPlicing ELECTRIC CABLE**

N.T.S.

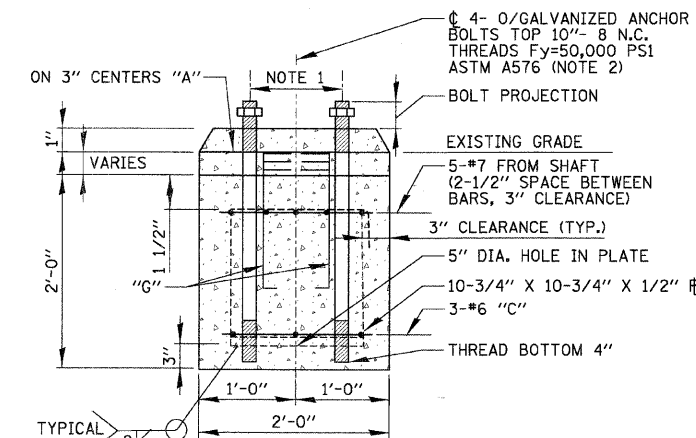


**SECTION A-A**

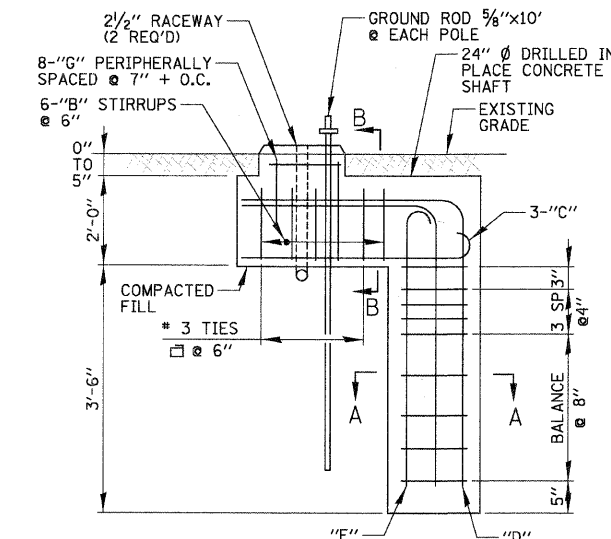


**NOTES:**

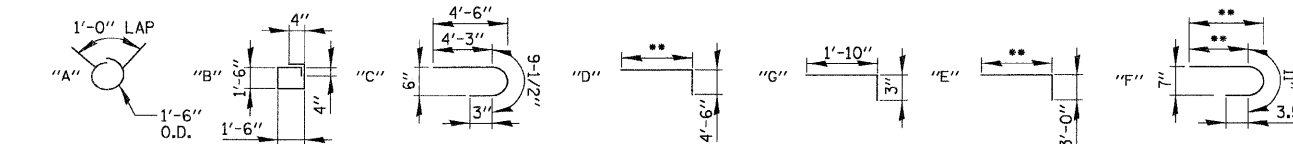
- BOLT CIRCLE PER POLE MANUFACTURER
- THE TOP OF THE ANCHOR BOLTS SHALL NOT PROJECT MORE THAN 4" ABOVE A 60" CHORD ALIGNED RADIALLY TO THE CENTERLINE OF THE ROADWAY, AND CONNECTING ANY POINT, WITHIN THE LENGTH OF THE CHORD, ON THE GROUND SURFACE ON ONE SIDE OF THE SUPPORT TO A POINT ON THE GROUND SURFACE 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".



**SECTION B-B**



**ELEVATION**



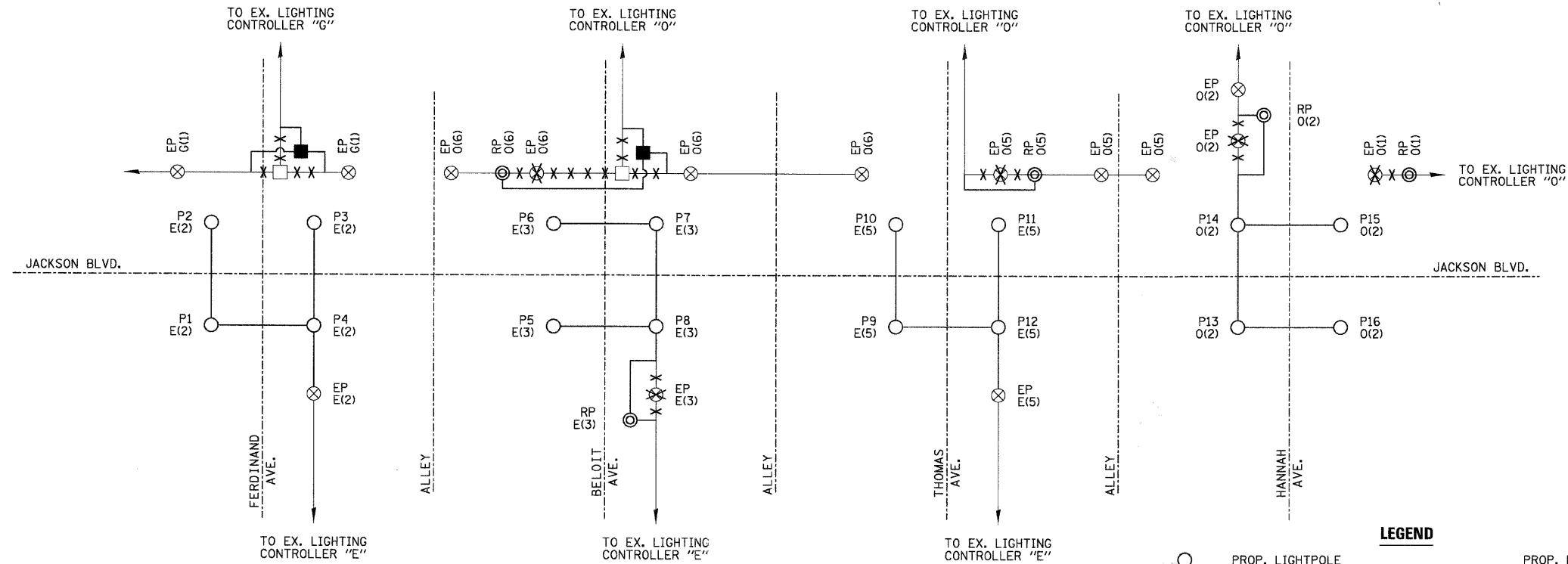
**ORNAMENTAL LIGHT POLE OFFSET CONCRETE FOUNDATION DETAIL**

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.

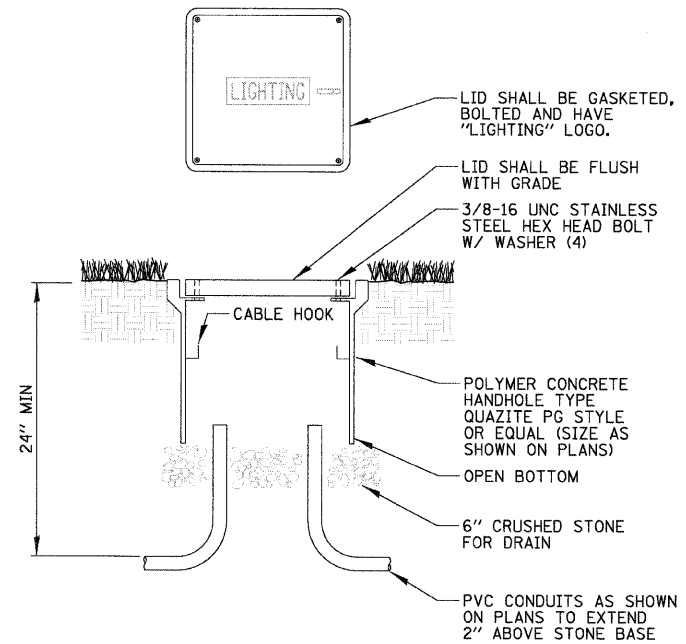
**CONCRETE FOUNDATION DETAIL**

N.T.S.



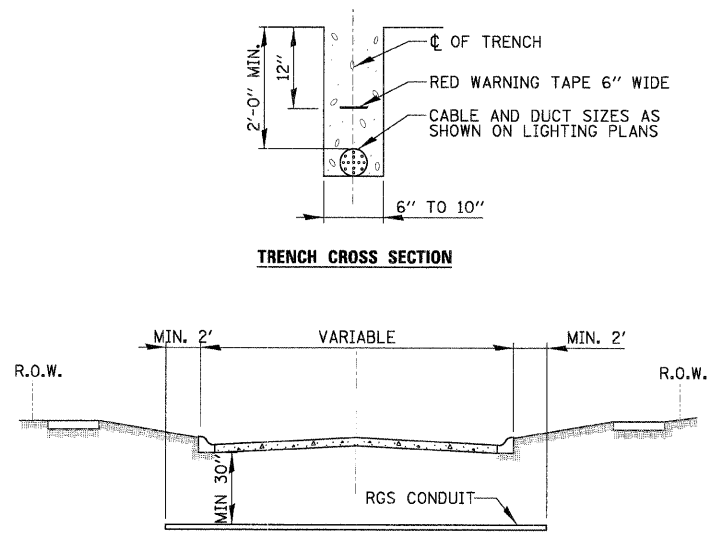
**ONE LINE CIRCUIT DIAGRAM**  
N.T.S.

- LEGEND**
- PROP. 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.



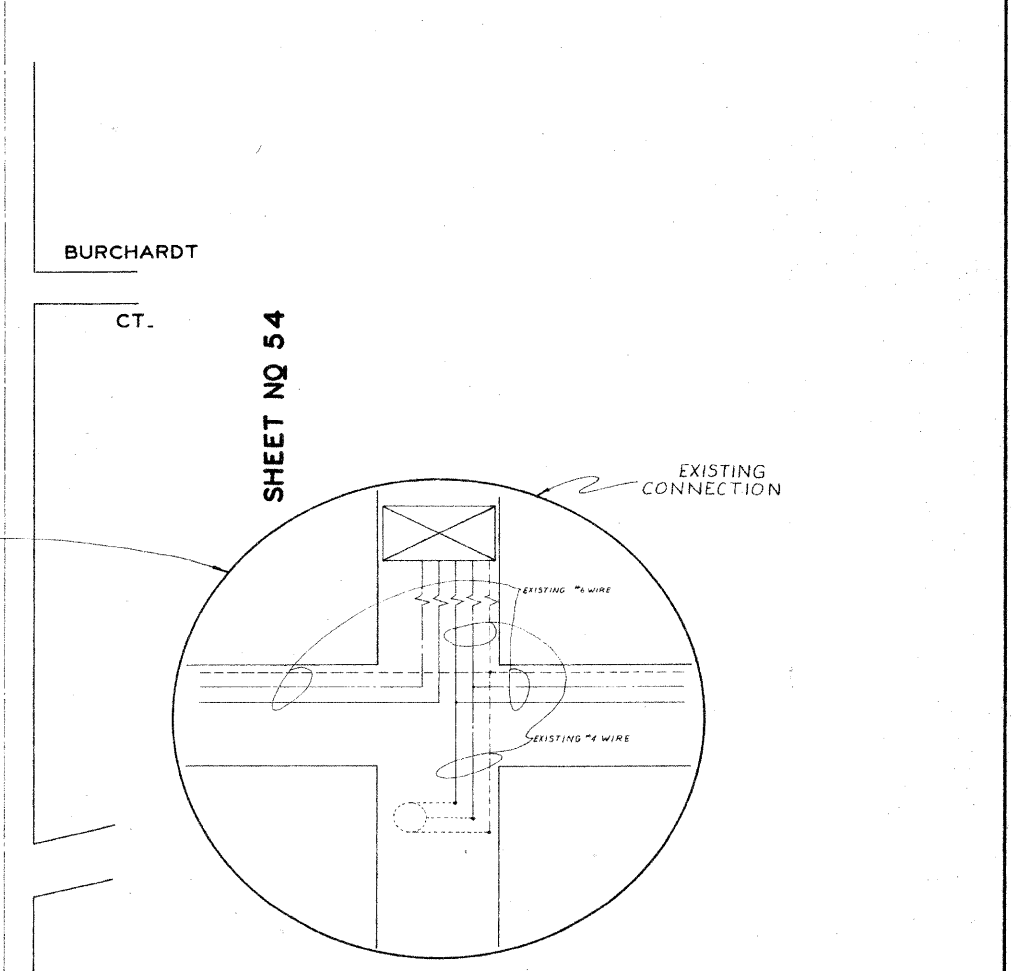
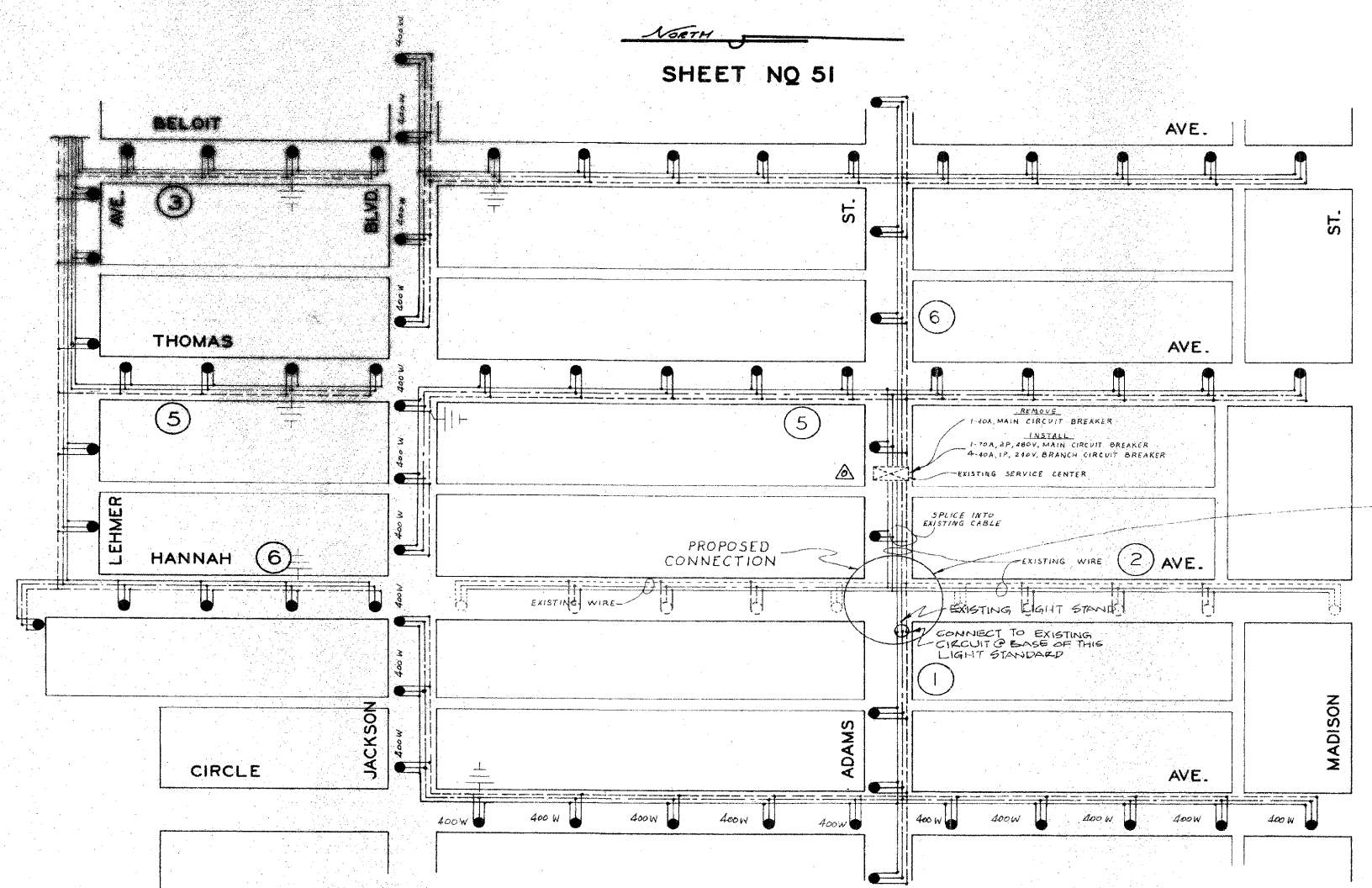
- CONDUIT SHALL BE HEAVY WALL RGS CONDUIT.
- CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- CONDUIT SHALL BE A MINIMUM OF 30" BELOW CURB BOTTOM.

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

**LUMINAIRE AND POLE SCHEDULE**

LIGHT POLE IDENTIFIER	PROPOSED LUMINAIRES			CONTROLLER IDENTIFIER
	QUANTITY	WATTAGE	CKT ID	
P1	(1)	50W	2	E
P2	(1)	50W	2	E
P3	(1)	50W	2	E
P4	(1)	50W	2	E
P5	(1)	50W	2	E
P6	(1)	50W	3	E
P7	(1)	50W	3	E
P8	(1)	50W	3	E
P9	(1)	50W	5	E
P10	(1)	50W	5	E
P11	(1)	50W	5	E
P12	(1)	50W	5	E
P13	(1)	50W	2	O
P14	(1)	50W	2	O
P15	(1)	50W	2	O
P16	(1)	50W	2	O





SHEET NO 51

SHEET NO 49

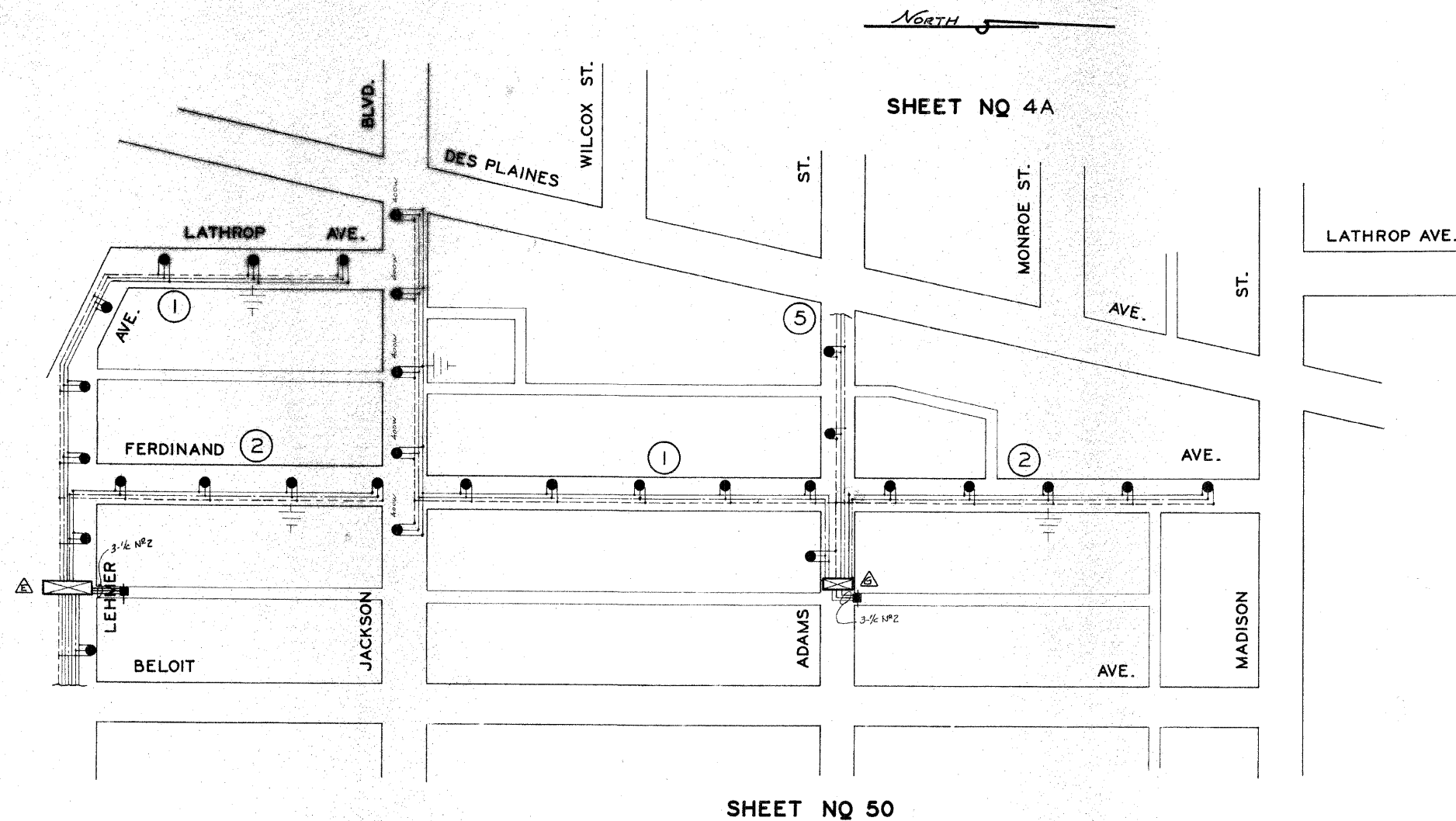
SHEET NO 54

**WIRING DIAGRAM**

**STREET LIGHTING IMPROVEMENT PROJECT**

<b>REVISIONS</b> DATE BY 1/1/75 MK AS EXIST		FOREST PARK, ILL. <b>EDWIN HANCOCK ENGINEERING CO.</b> CONSULTING ENGINEERS 7521 MADISON ST. FOREST PARK, ILL. 60130	DRAWN BY <i>CONS</i> CHECKED BY APPROVED BY FIELD NOTES <i>M.K.</i> <i>304-509</i> DATE <i>2-14-74</i> SCALE <i>1" = 100'</i> SHEET NO. <b>50</b> OF <b>56</b> SHEETS
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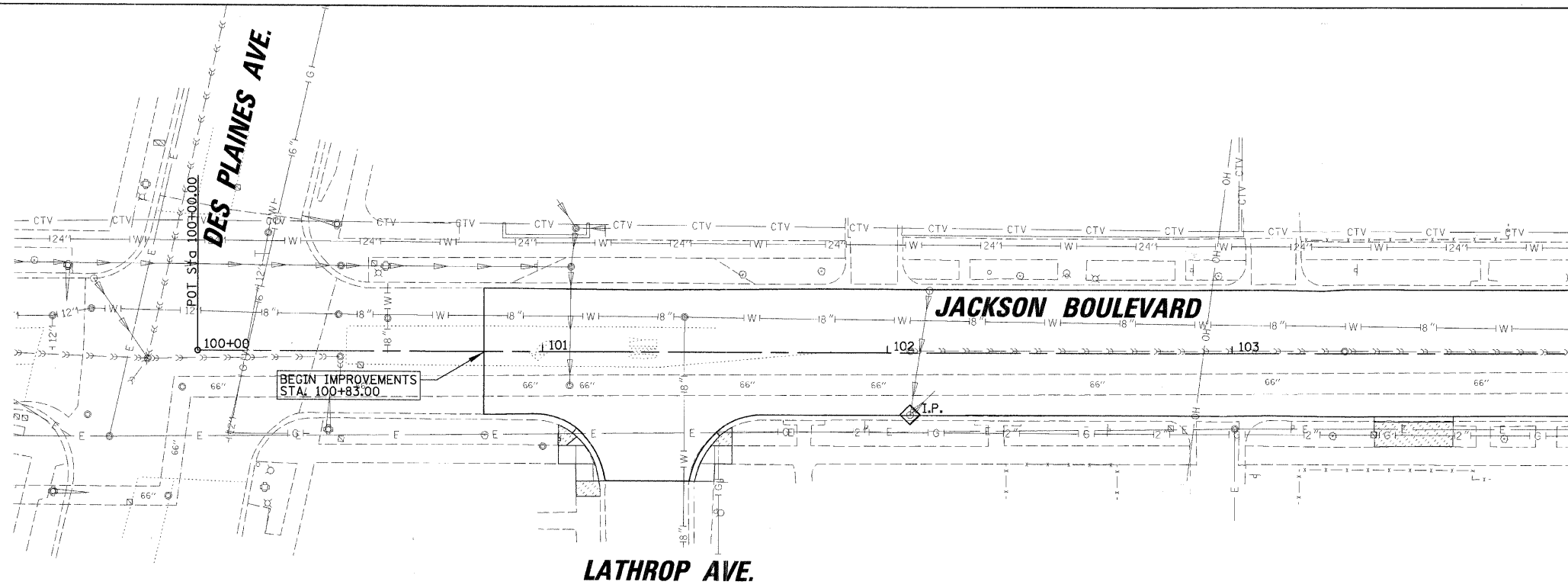
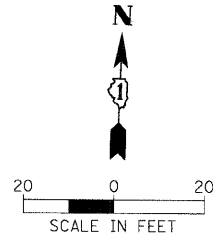
**WIRING DIAGRAM**

**STREET LIGHTING IMPROVEMENT PROJECT**

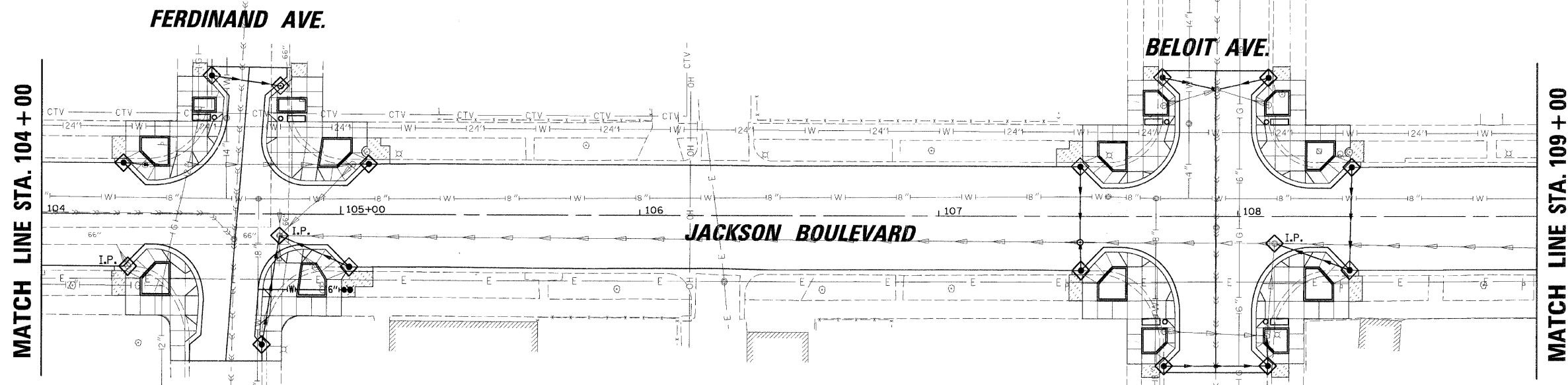
REVISIONS		FOREST PARK, ILL.	DRAWN BY	COMB
DATE	BY		CHECKED BY	
11/1/75	NK	APPROVED BY		
	HS BUILT	FIELD NOTES	MK	804 TO 809
		DATE	2-14-74	
		SCALE	1" = 50'	
		SHEET No.	51	OF 56 SHEETS

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

FILE NAME =	JSR NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY LIGHTING IMPROVEMENTS - JACKSON BLVD. EXISTING CIRCUIT DIAGRAM (2 OF 2) RECORD DRAWING</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FOREST\PRK\070081\Mech\REC_070081_02.SHT	DRAWN -	REVISED -	1462			07-00105-00-PV	COOK	49	33	
PLOT SCALE = 20'	CHECKED -	REVISED -	CONTRACT NO. 63134							
PLOT DATE = 2/17/2009	DATE -	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



MATCH LINE STA. 104 + 00

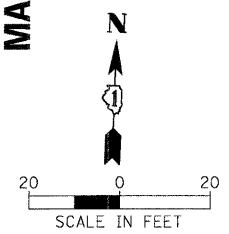


MATCH LINE STA. 104 + 00

MATCH LINE STA. 109 + 00

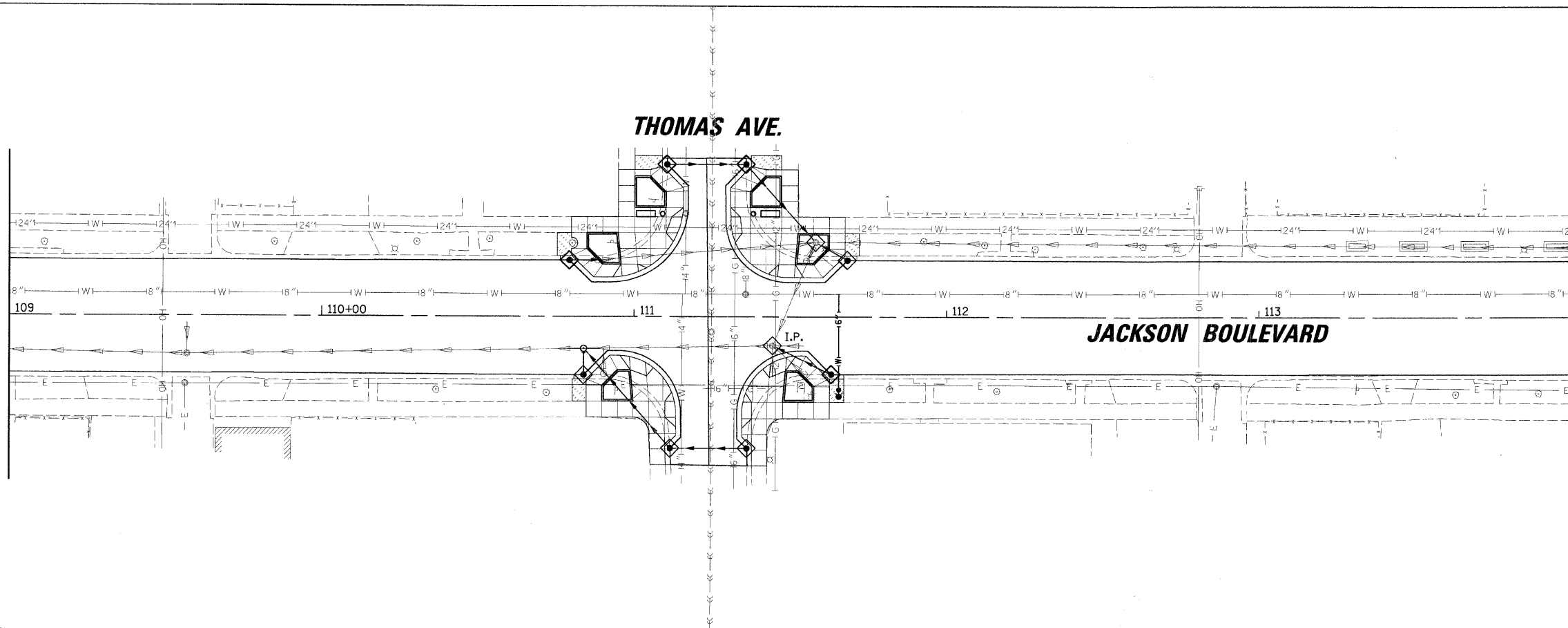
**LEGEND**

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

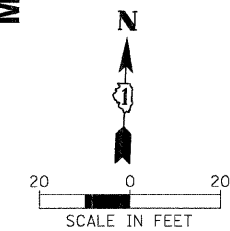


FILE NAME = N:\FORESTPARK\070201\Civil\ERO_070001_01	USER NAME = PRAZALAN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION AND SEDIMENT CONTROL PLANS STA. 100 + 00 TO STA. 109 + 00</b>	F.A. RTE. 1462	SECTION 07-00105-00-PV	COUNTY COOK	TOTAL SHEETS 49	SHEET NO. 34	
PLOT SCALE = 20'		CHECKED -	REVISED -			CONTRACT NO. 63134					
PLOT DATE = 2/17/2009		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
						SCALE: SHEET NO. OF SHEETS STA. TO STA.					

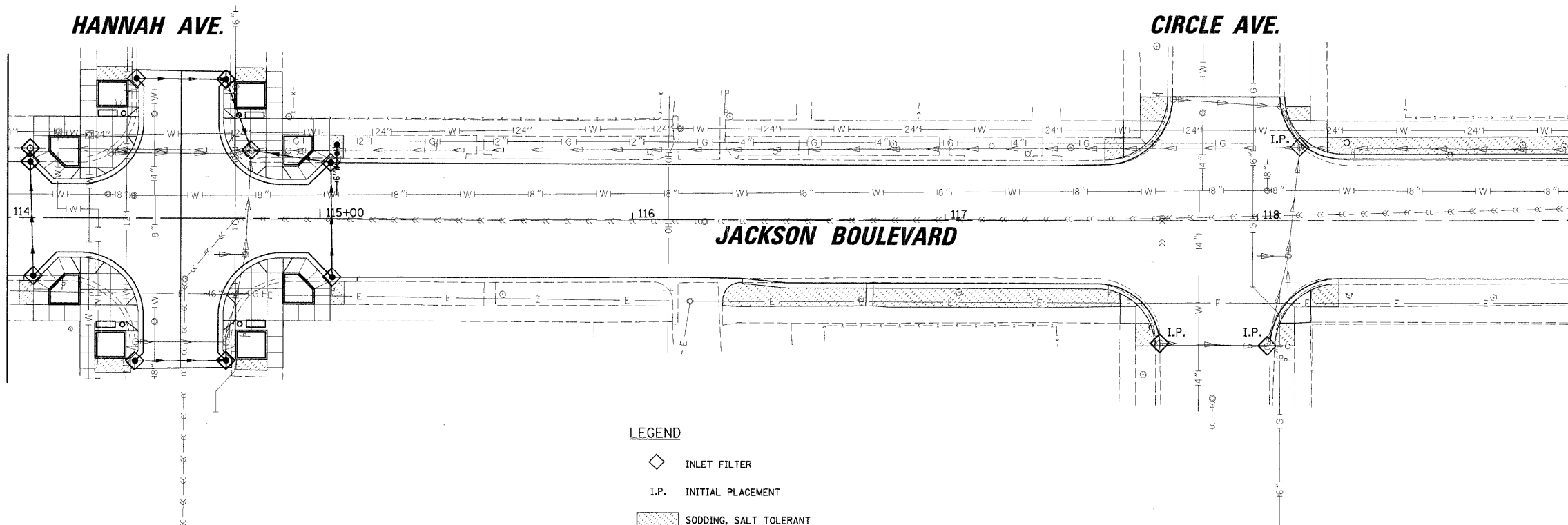
MATCH LINE STA. 109 + 00



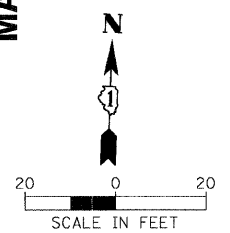
MATCH LINE STA. 116 + 00



MATCH LINE STA. 116 + 00



MATCH LINE STA. 119 + 00



- LEGEND**
- ◊ INLET FILTER
  - I.P. INITIAL PLACEMENT
  - ▨ SODDING, SALT TOLERANT

FILE NAME =	USER NAME = PRAZALAN
N:\FORESTPARK\070081\Civil\ERD_070081_02.SHT	
PLOT SCALE = 20'	
PLOT DATE = 2/17/2009	

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

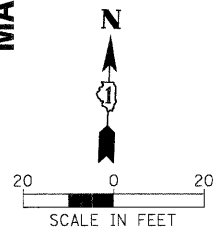
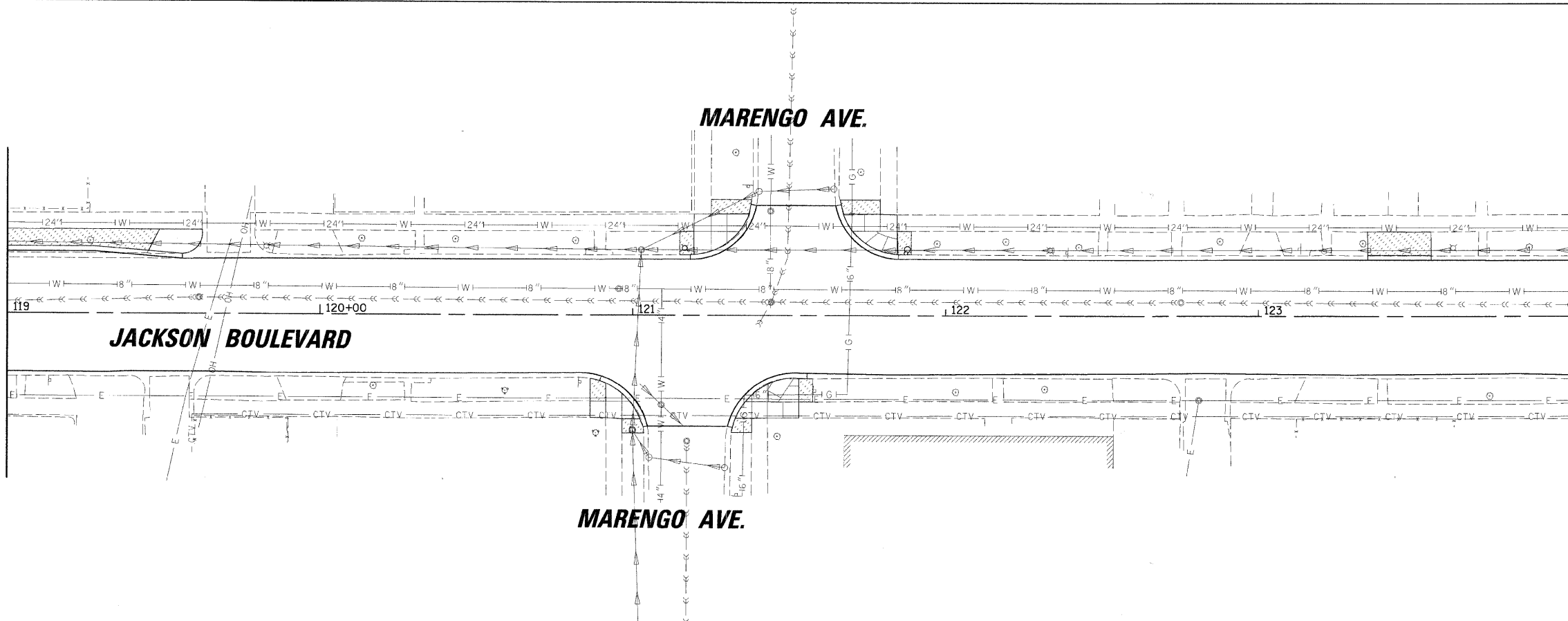
**EROSION AND SEDIMENT CONTROL PLANS  
STA. 109 + 00 TO STA. 119 + 00**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	35
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 119+00

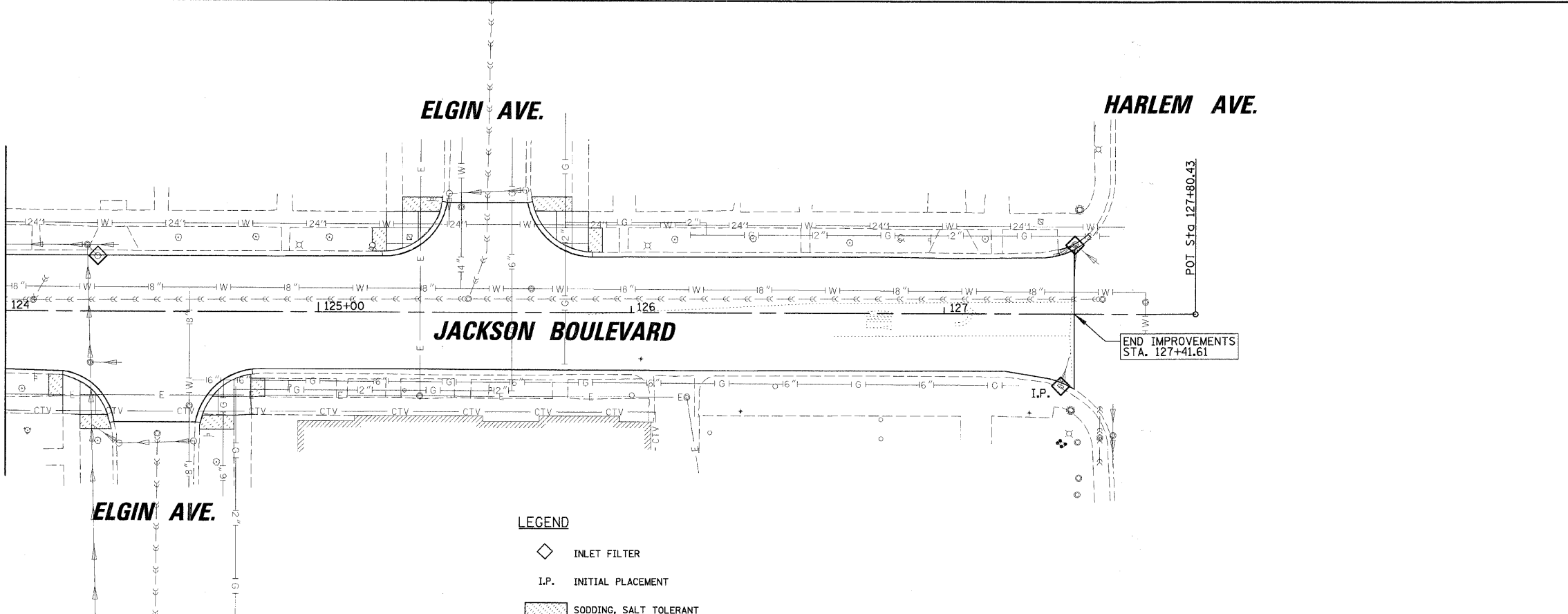
MATCH LINE STA. 124+00



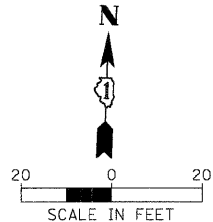
MATCH LINE STA. 124+00

POT Sta. 127+80.43

END IMPROVEMENTS STA. 127+41.61



- LEGEND**
- ◊ INLET FILTER
  - I.P. INITIAL PLACEMENT
  - ▨ SODDING, SALT TOLERANT



FILE NAME = N:\FORESTPARK\270081\Civil\ERD\_070081\_02.SHT  
 USER NAME = PRAZALAN  
 PLOT SCALE = 20'  
 PLOT DATE = 2/17/2009

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

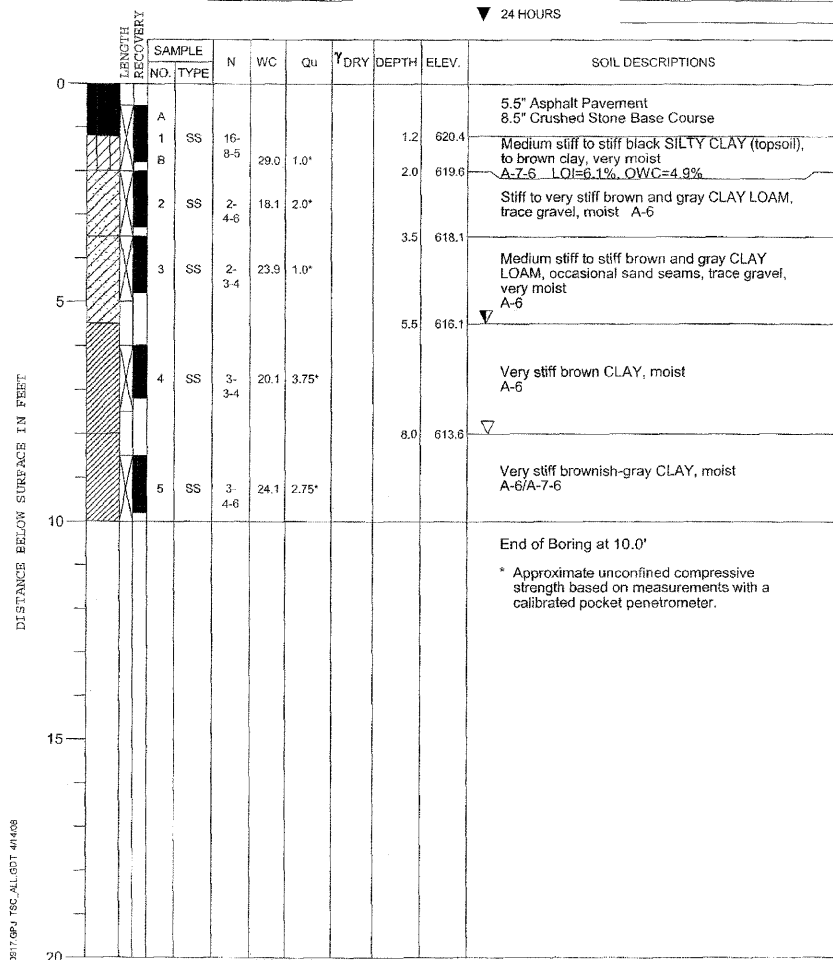
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLANS  
STA. 119+00 TO STA. 127+80**

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

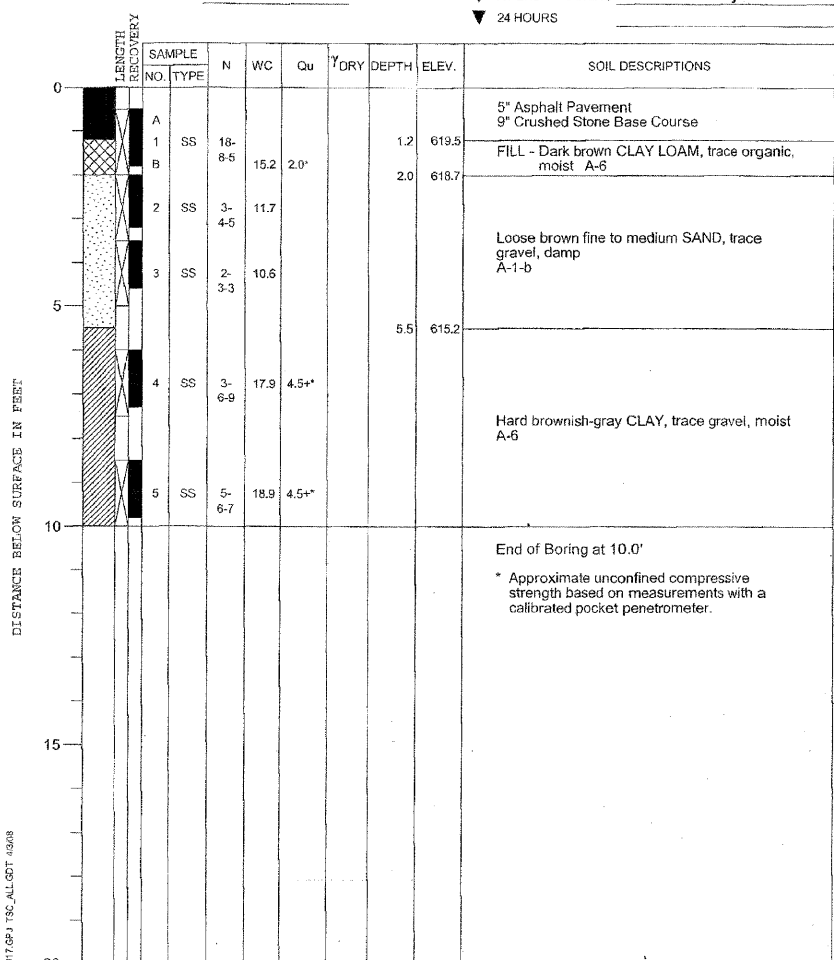
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	36
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

PROJECT **Jackson Blvd. Improvements, Des Plaines Ave. to Harlem Ave., Forest Park, IL**  
 CLIENT **Christopher B. Burke Engineering, Ltd., Rosemont, Illinois**  
 BORING **1** DATE STARTED **3-26-08** DATE COMPLETED **3-26-08** JOB **L-70,917**  
 ELEVATIONS WATER LEVEL OBSERVATIONS  
 GROUND SURFACE **621.6** WHILE DRILLING **5.5'**  
 END OF BORING **611.6** AT END OF BORING **8.0'**  
 24 HOURS



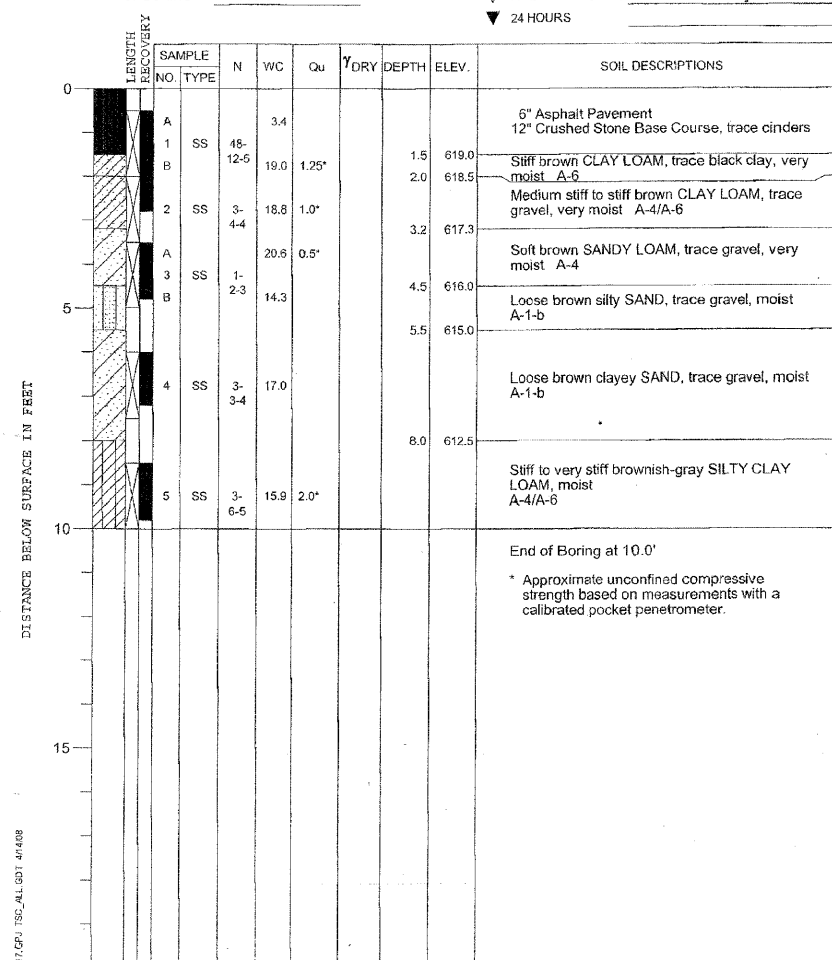
DRILL RIG NO. **256**  
 Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT **Jackson Blvd. Improvements, Des Plaines Ave. to Harlem Ave., Forest Park, IL**  
 CLIENT **Christopher B. Burke Engineering, Ltd., Rosemont, Illinois**  
 BORING **2** DATE STARTED **3-26-08** DATE COMPLETED **3-26-08** JOB **L-70,917**  
 ELEVATIONS WATER LEVEL OBSERVATIONS  
 GROUND SURFACE **620.7** WHILE DRILLING **Dry**  
 END OF BORING **610.7** AT END OF BORING **Dry**  
 24 HOURS



DRILL RIG NO. **256**  
 Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT **Jackson Blvd. Improvements, Des Plaines Ave. to Harlem Ave., Forest Park, IL**  
 CLIENT **Christopher B. Burke Engineering, Ltd., Rosemont, Illinois**  
 BORING **3** DATE STARTED **3-26-08** DATE COMPLETED **3-26-08** JOB **L-70,917**  
 ELEVATIONS WATER LEVEL OBSERVATIONS  
 GROUND SURFACE **620.5** WHILE DRILLING **Dry**  
 END OF BORING **610.5** AT END OF BORING **Dry**  
 24 HOURS



DRILL RIG NO. **256**  
 Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

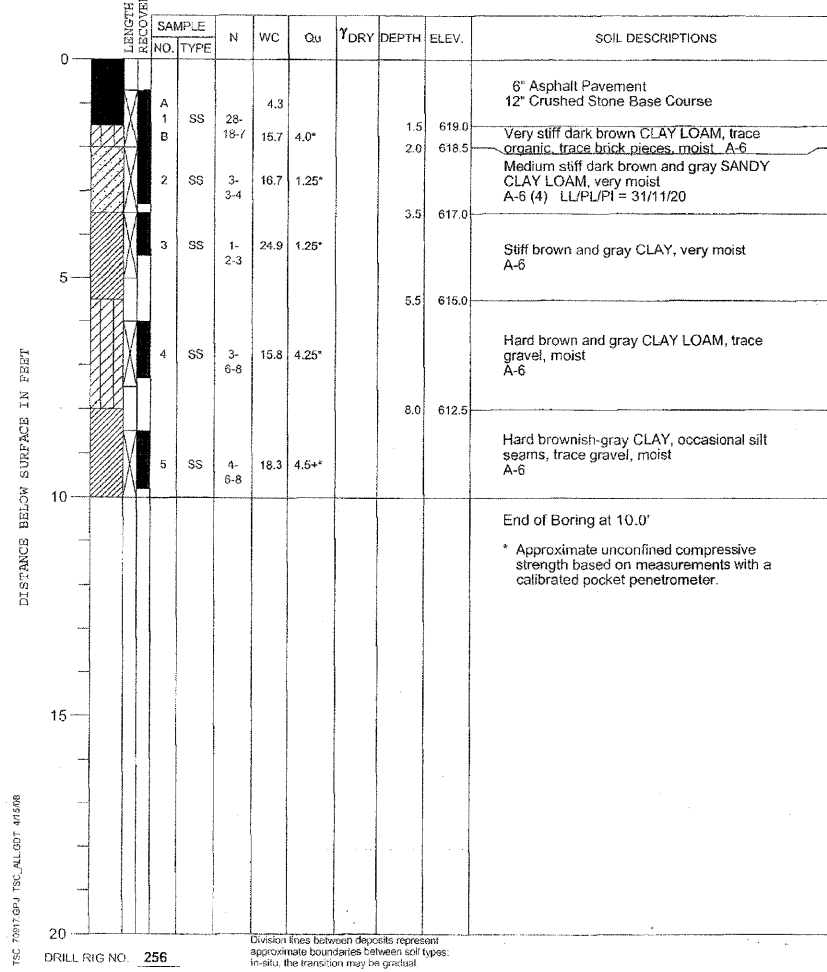
PROJECT Jackson Blvd. Improvements, Des Plaines Ave. to Harlem Ave., Forest Park, IL

CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois



BORING 4 DATE STARTED 3-26-08 DATE COMPLETED 3-26-08 JOB L-70,917

ELEVATIONS WATER LEVEL OBSERVATIONS  
 GROUND SURFACE 620.5 WHILE DRILLING Dry  
 END OF BORING 610.5 AT END OF BORING Dry  
 24 HOURS



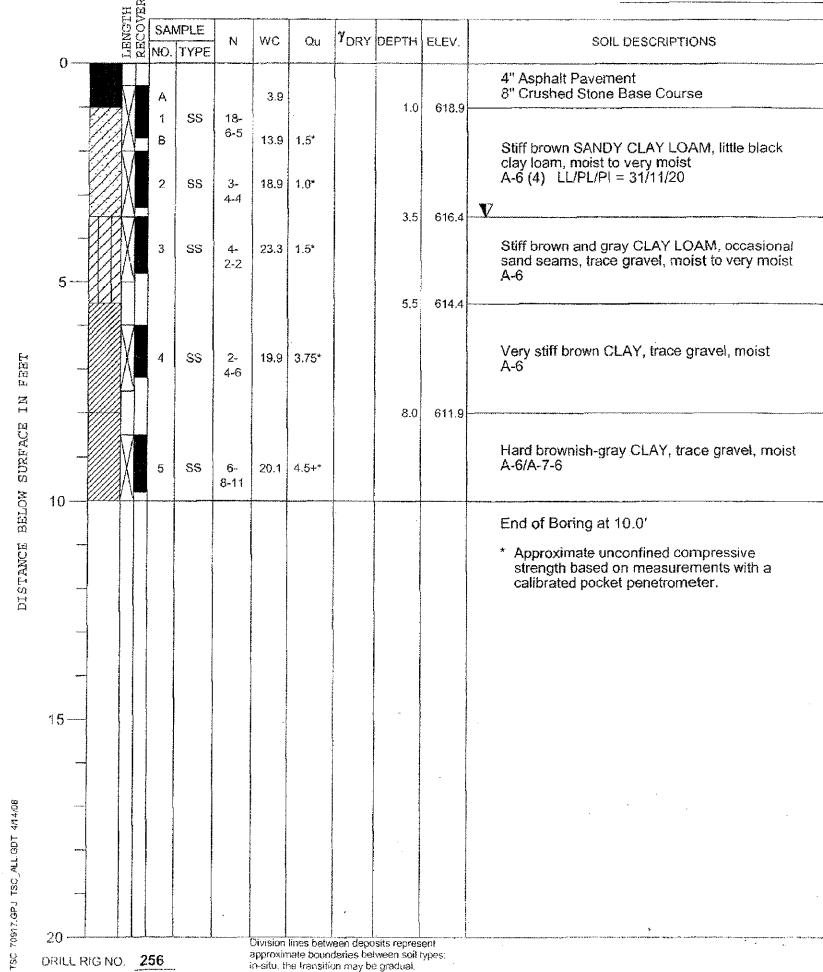
PROJECT Jackson Blvd. Improvements, Des Plaines Ave. to Harlem Ave., Forest Park, IL

CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois



BORING 5 DATE STARTED 3-26-08 DATE COMPLETED 3-26-08 JOB L-70,917

ELEVATIONS WATER LEVEL OBSERVATIONS  
 GROUND SURFACE 619.9 WHILE DRILLING 3.5'  
 END OF BORING 609.9 AT END OF BORING Dry  
 24 HOURS



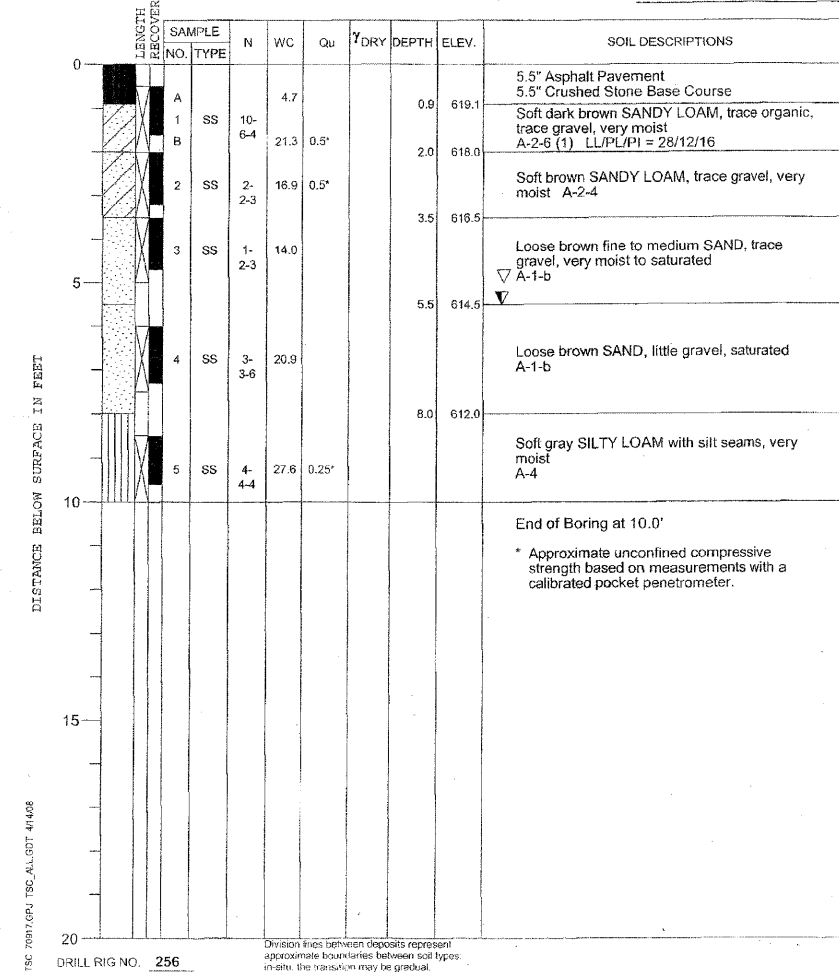
PROJECT Jackson Blvd. Improvements, Des Plaines Ave. to Harlem Ave., Forest Park, IL

CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois



BORING 6 DATE STARTED 3-26-08 DATE COMPLETED 3-26-08 JOB L-70,917

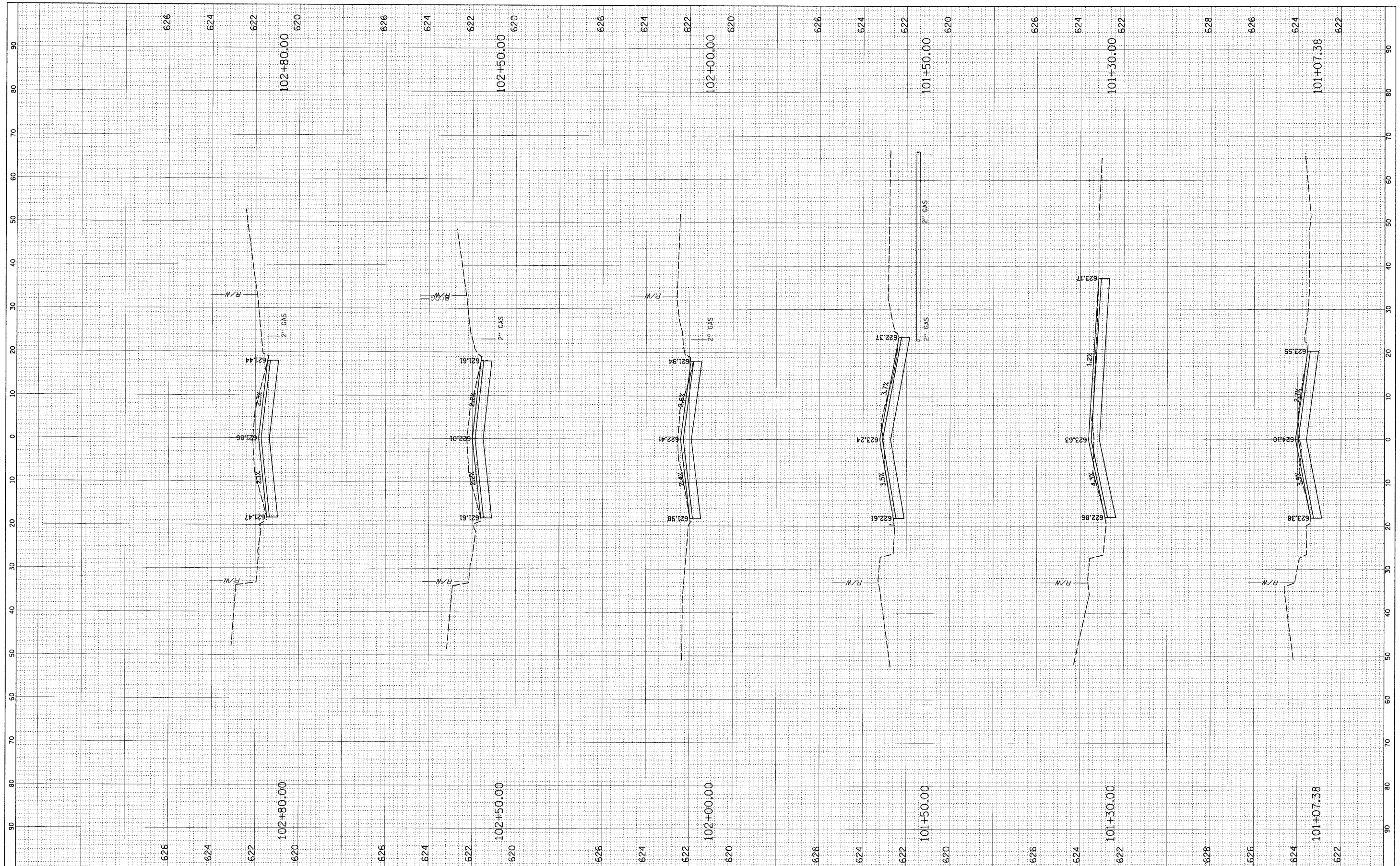
ELEVATIONS WATER LEVEL OBSERVATIONS  
 GROUND SURFACE 620.0 WHILE DRILLING 5.5'  
 END OF BORING 610.0 AT END OF BORING Dry  
 24 HOURS





FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

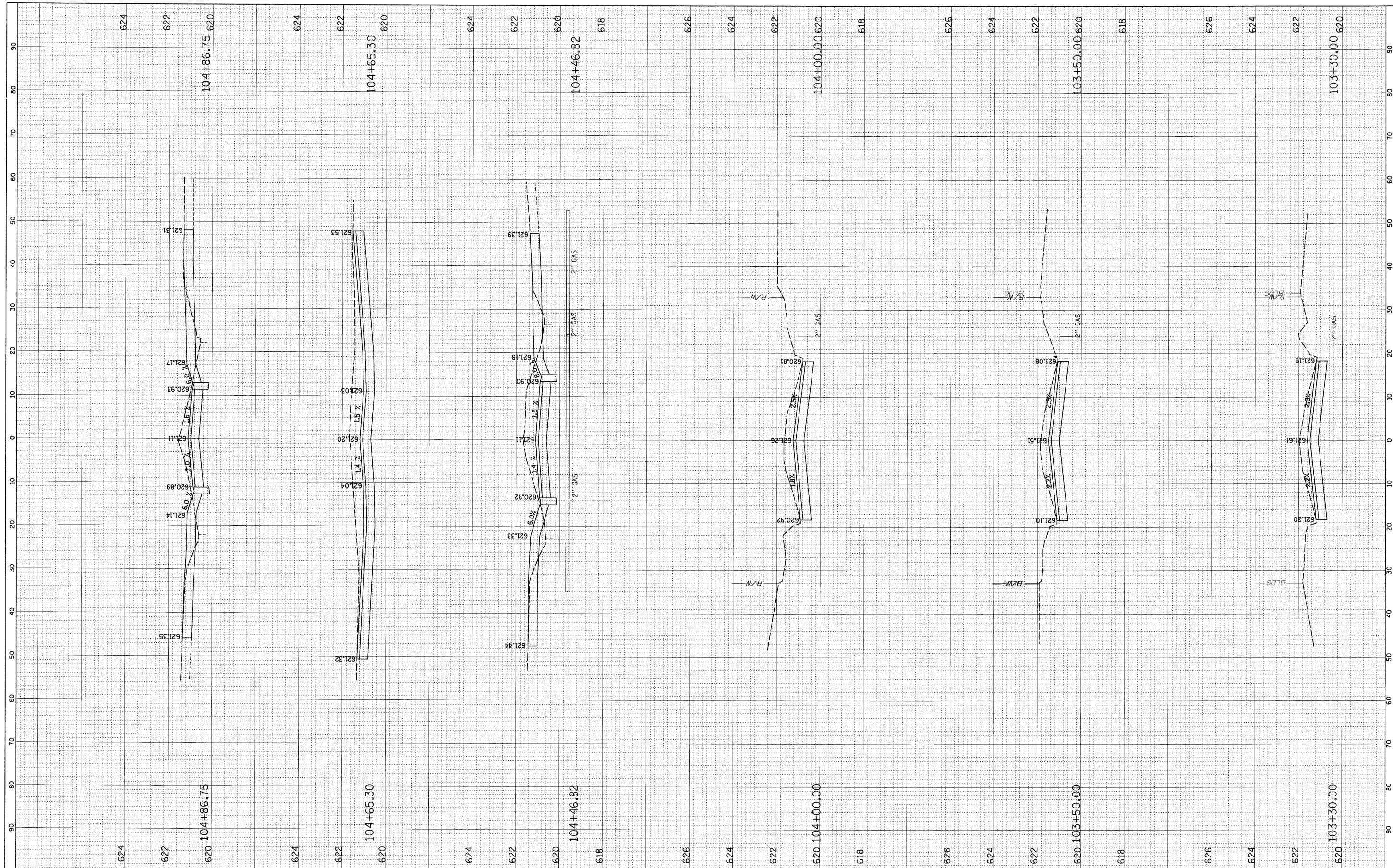


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	PLOT SCALE = 1"=10'	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 63134		
	PLOT DATE = 2/17/2009	CHECKED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -										



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		



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 USER NAME = PRAZALAN

DESIGNED -  
 DRAWN -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

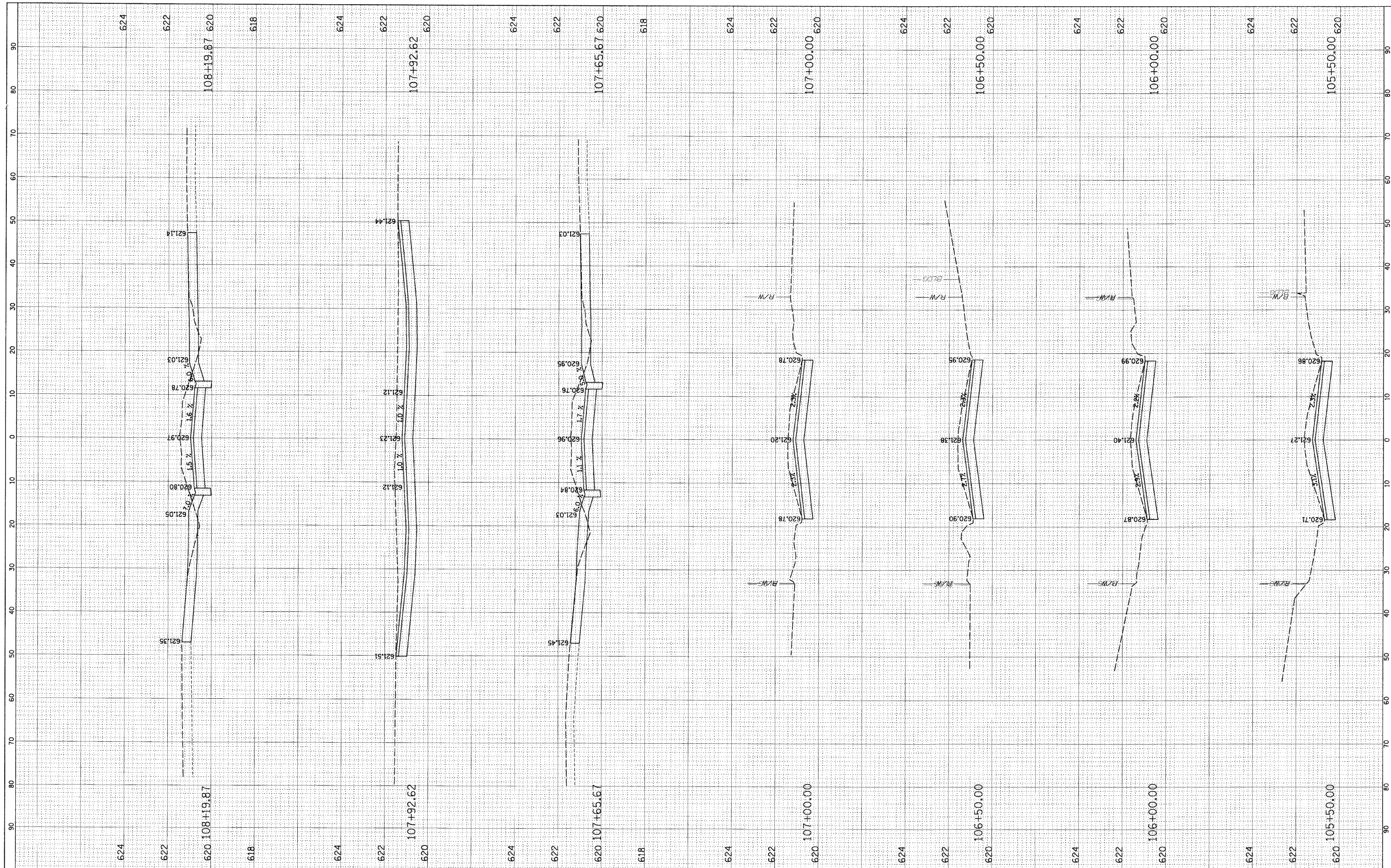
**CROSS-SECTIONS  
 JACKSON BOULEVARD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	41
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 63134				

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\070081\Civil\LAY\_07005.SHT

USER NAME = PRZALAN  
 PLOT SCALE = 1"  
 PLOT DATE = 2/17/2009

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

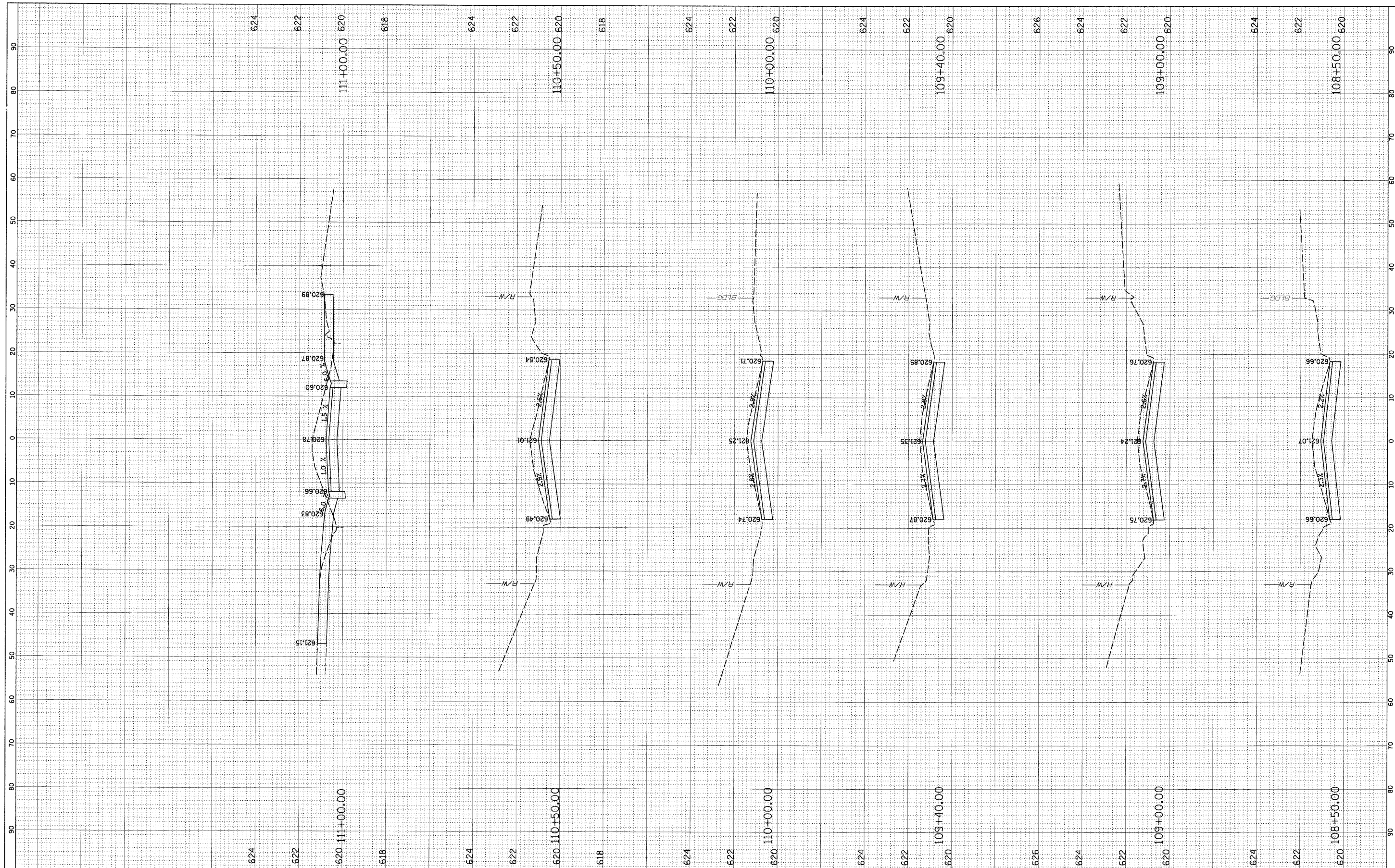
**CROSS-SECTIONS  
 JACKSON BOULEVARD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	42
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 63134				

FINAL SURVEY	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
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ORIGINAL SURVEY	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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FILE NAME = N:\FORESTPARK\072008\1\1\LAY\_070001.SHT

USER NAME = PRAZALAN  
 PLOT SCALE = 1"=10'  
 PLOT DATE = 2/17/2009

DESIGNED -  
 DRAWN -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

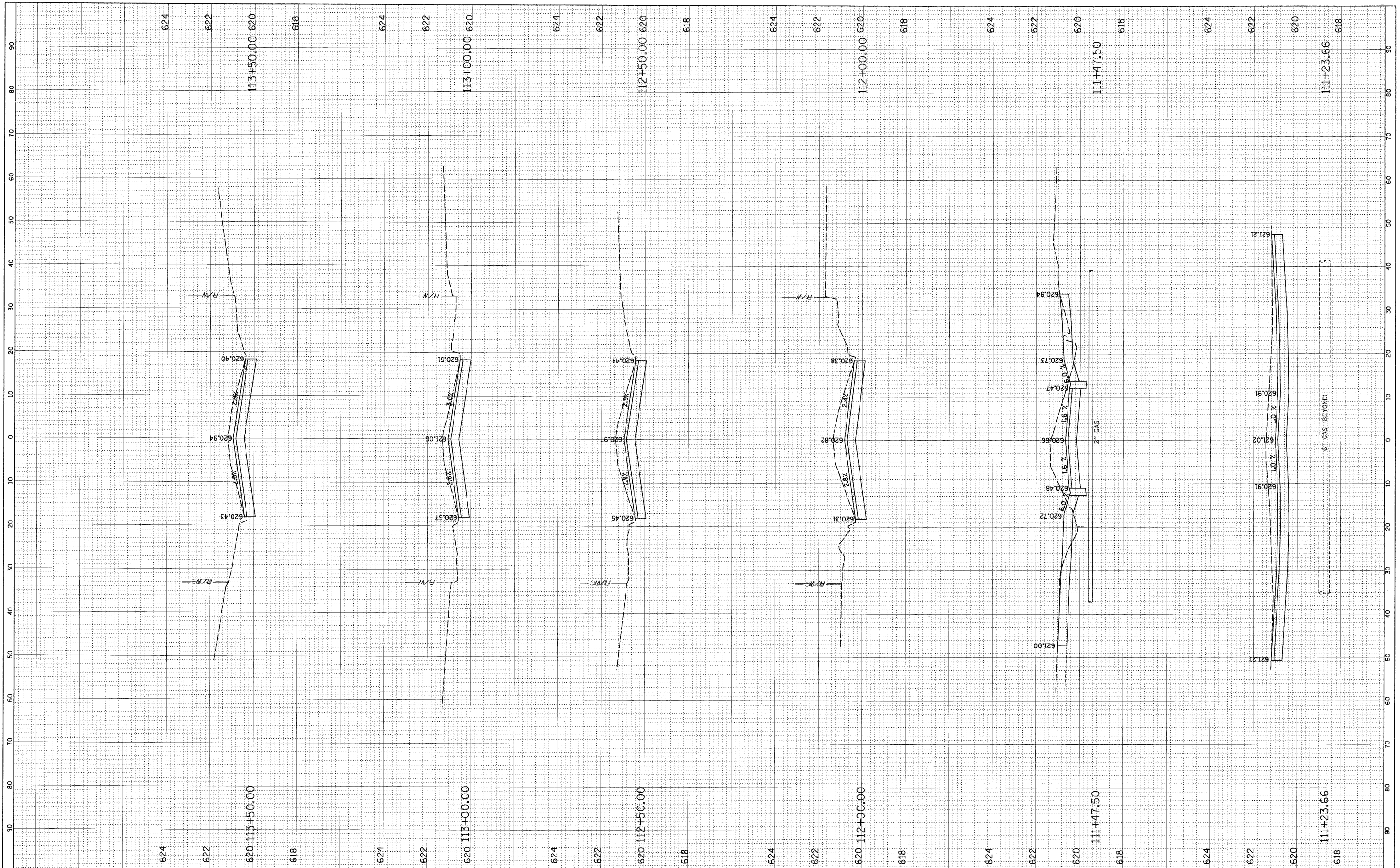
**CROSS-SECTIONS  
 JACKSON BOULEVARD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	43
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

FINAL SURVEY	CHECKED	BY	DATE
NOTE BOOK	PLOTTED		
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ORIGINAL SURVEY	CHECKED	BY	DATE
NOTE BOOK	PLOTTED		
	REMARKS		
	AREAS CHECKED		
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USER NAME = PRAZALAN  
 PLOT SCALE = 1"=10'  
 PLOT DATE = 2/17/2009

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

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

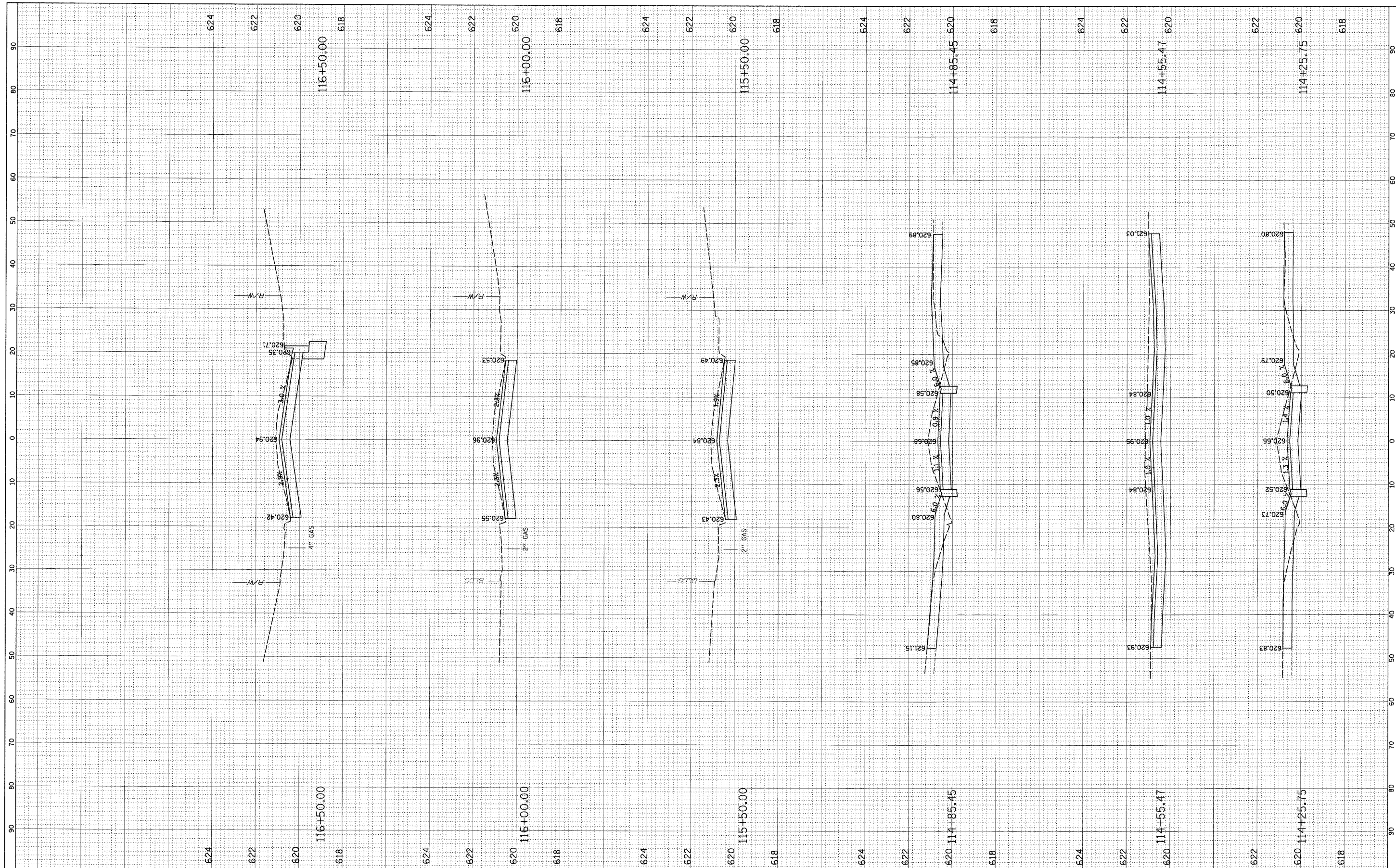
**CROSS-SECTIONS  
 JACKSON BOULEVARD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	44
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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USER NAME = PRAZALAN  
 PLOT SCALE = 1/8"  
 PLOT DATE = 2/17/2009

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

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

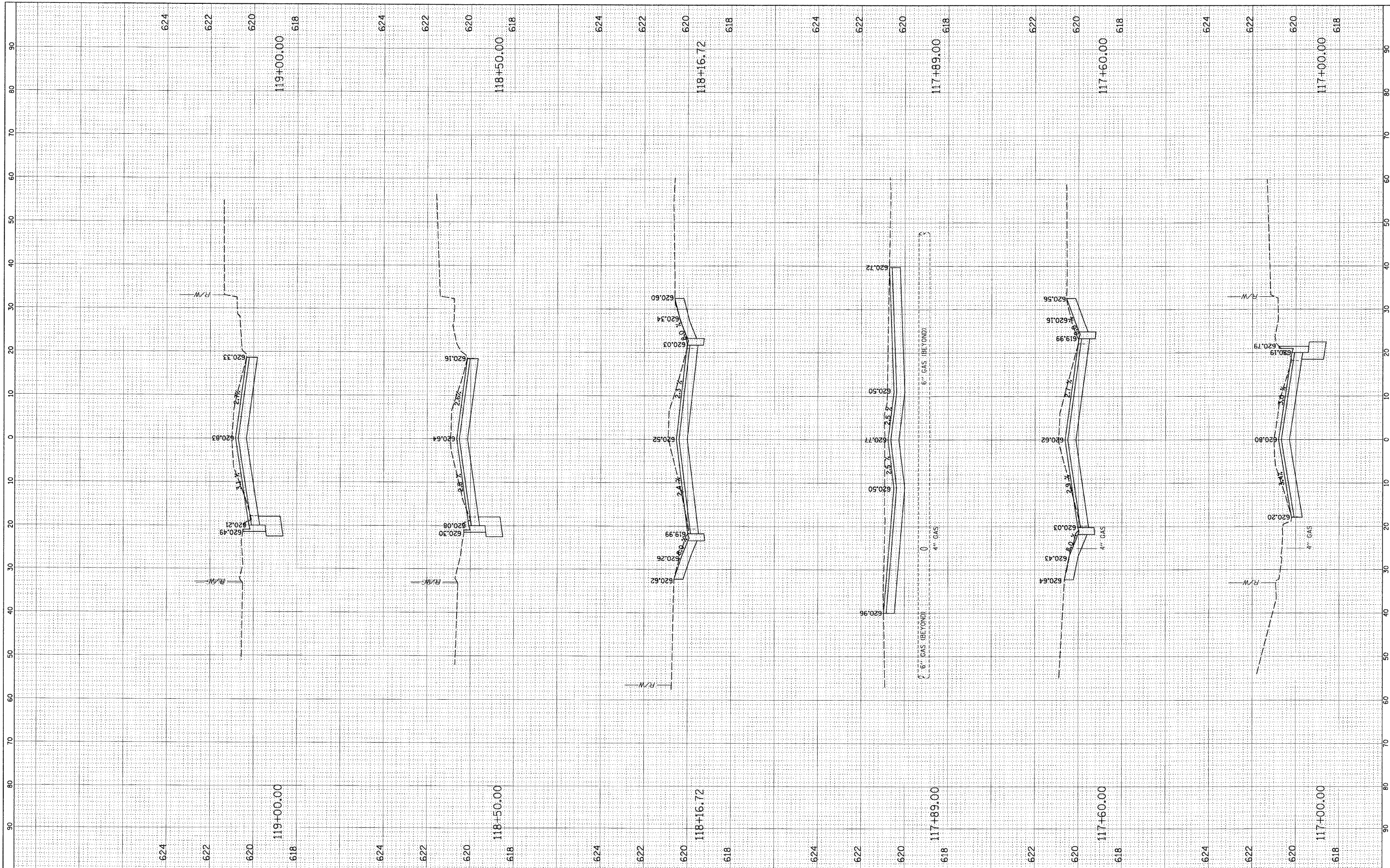
**CROSS-SECTIONS  
 JACKSON BOULEVARD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	45
CONTRACT NO. 63134				
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\070081\VC\vi\LAY\_070081.SHT  
 USER NAME = PRAZALAN

DESIGNED -  
 DRAWN -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

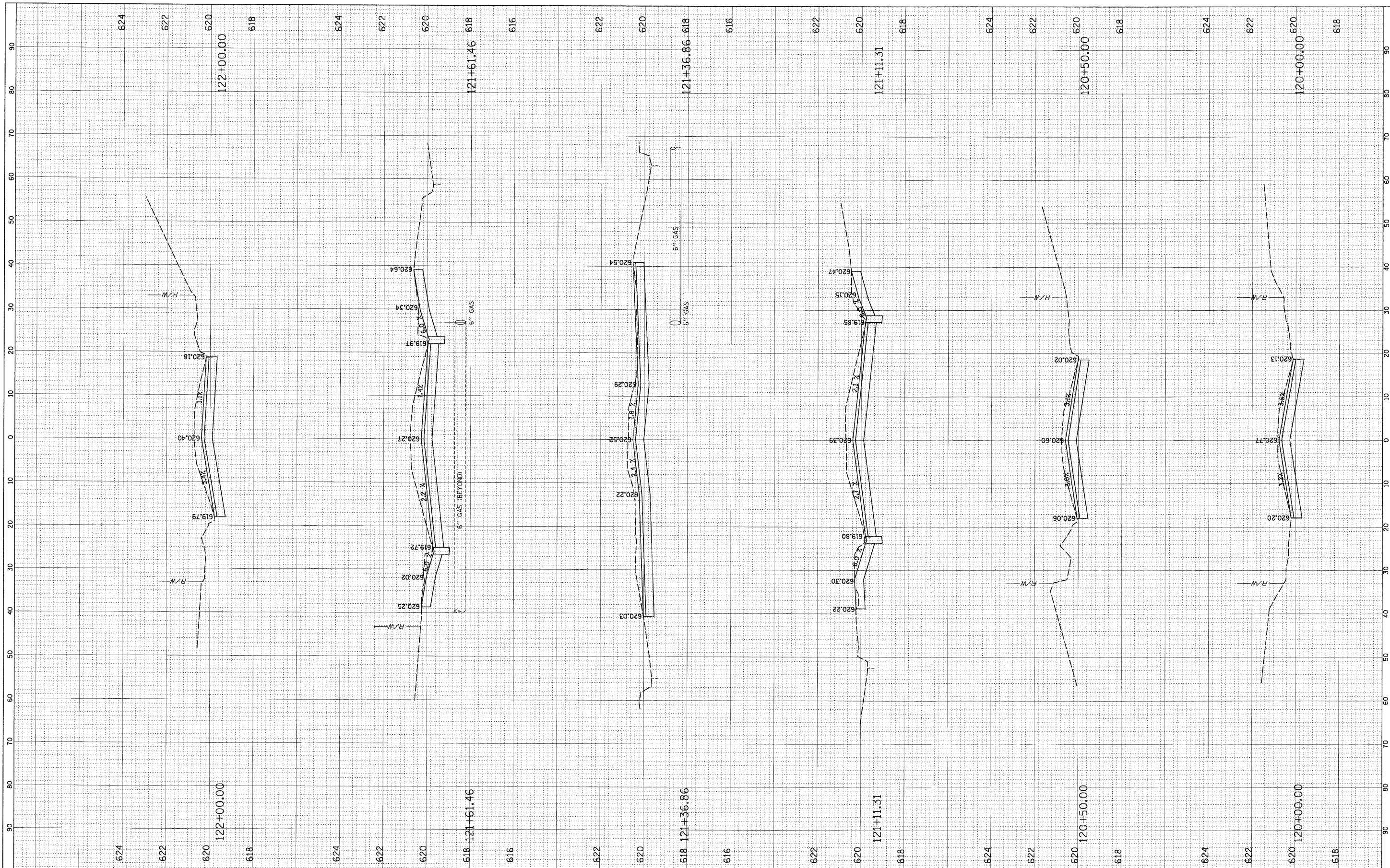
**CROSS-SECTIONS  
 JACKSON BOULEVARD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	46
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	CHECKED/NOTED	DATE
	BY	
	BY	
	BY	
	BY	
	BY	

ORIGINAL SURVEY NO.	CHECKED/NOTED	DATE
	BY	
	BY	
	BY	
	BY	
	BY	



FILE NAME = N:\FORESTPARK\072001\C\1\1\LAY\_07001.SHT  
 USER NAME = PRAZALAN

PLOT SCALE = 10'  
 PLOT DATE = 2/17/2009

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

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

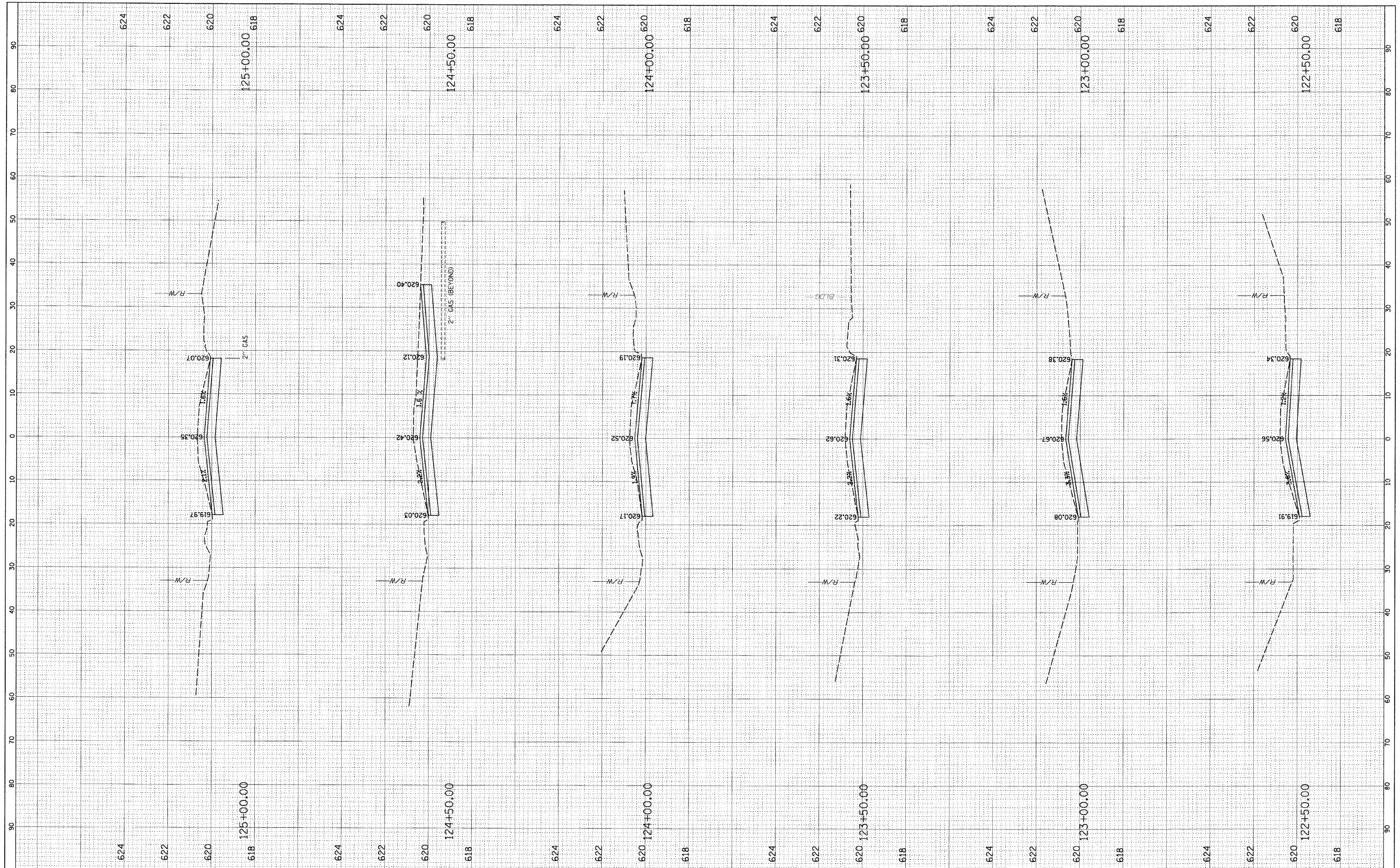
**CROSS-SECTIONS  
 JACKSON BOULEVARD**

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

F.A. RTE. 1462	SECTION 07-00105-00-PV	COUNTY COOK	TOTAL SHEETS 49	SHEET NO. 47
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 63134				

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

ORIGINAL SURVEY	DATE
NOTE BOOK	BY
NO.	
	AREAS CHECKED



FILE NAME = N:\FORESTPARK\072008\VC\1\LAY\_070081.SHT  
 USER NAME = PRZALAN

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISÉ -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS-SECTIONS  
 JACKSON BOULEVARD**

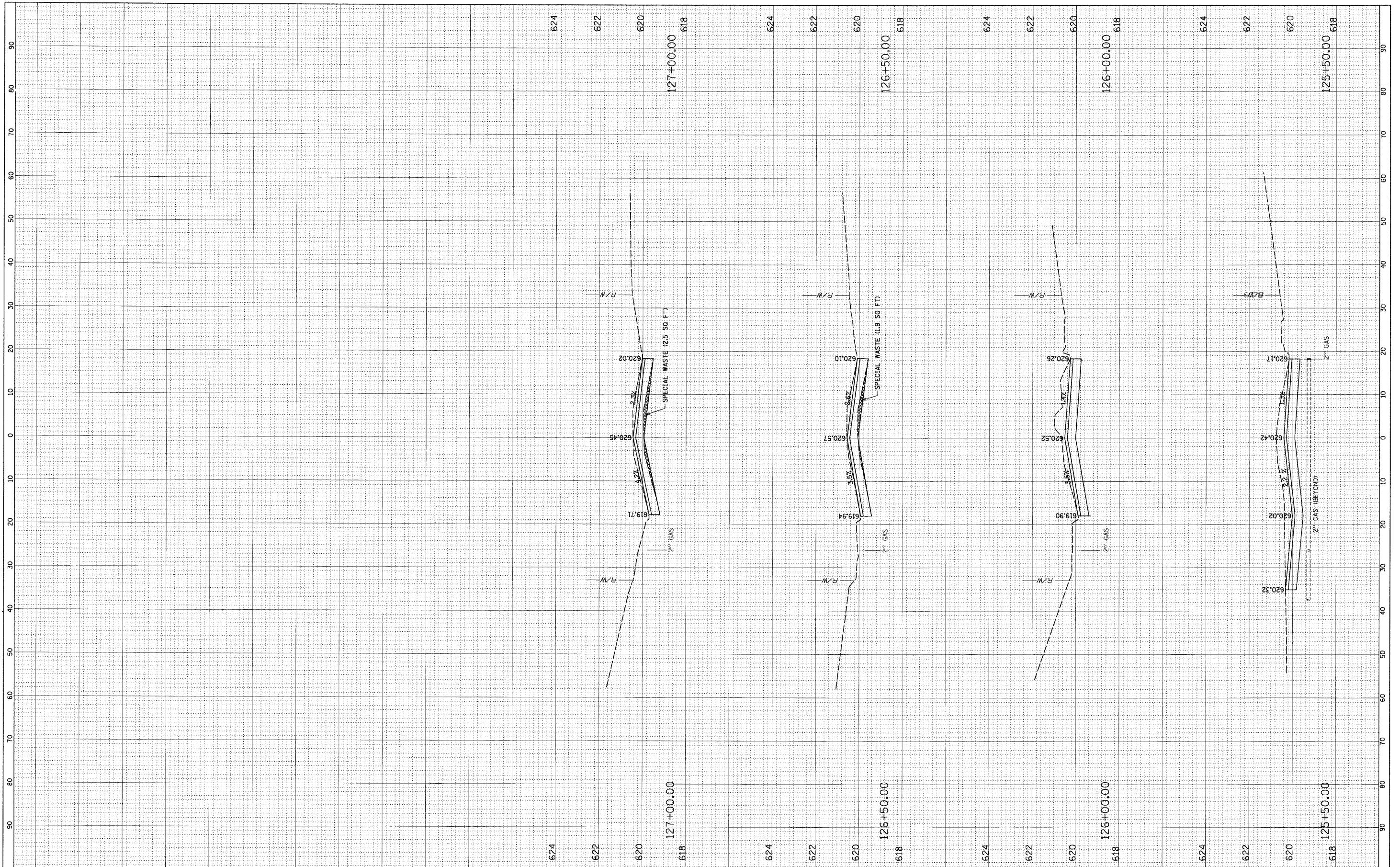
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	48
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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\07008\VC.vi\LAY\_070081.SHT

USER NAME = PRAZALAN  
 PLOT SCALE = 10'  
 PLOT DATE = 2/17/2009

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS-SECTIONS  
 JACKSON BOULEVARD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	49
CONTRACT NO. 63134				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				