

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	1
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

HARWOOD HEIGHTS
F.A.U. 1362 (LAWRENCE AVENUE)
Section No.: 06-00047-00-LS
Project No.: CMM-M-TE-0001 (695)
Harlem Ave. to Olcott Ave.
ROADWAY RECONSTRUCTION
COOK COUNTY
JOB No.: C-91-005-07

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES AND LIST OF HIGHWAY STANDARDS
3	ALIGNMENT, TIES AND BENCHMARKS
4	SUMMARY OF QUANTITIES
5	EARTHWORK AND TREE REMOVAL SCHEDULES
6	STRUCTURE SCHEDULE
7	PIPE SCHEDULE
8	TYPICAL SECTIONS
9-10	REMOVAL PLAN
11-14	ROADWAY PLAN AND PROFILE
15-18	DRAINAGE PLAN AND PROFILE
19	PAVEMENT MARKING AND SIGNING PLAN
20	LIGHTING GENERAL NOTES
21-24	LIGHTING PLAN
25-27	LIGHTING DETAILS
28-34	STREETScape AND LANDSCAPING PLAN
35-37	STREETScape DETAILS
38-39	STREETScape PLANTING PLAN
40	CONSTRUCTION DETAILS
41	WATER CONTROL STRUCTURE DETAIL
42	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
43	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
44	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
45	BUTT JOINT AND HMA TAPER
46	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
47	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
48	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
49-59	CROSS-SECTIONS LAWRENCE AVENUE



LIST OF STATE STANDARDS LOCATED ON SHEET NO. 2

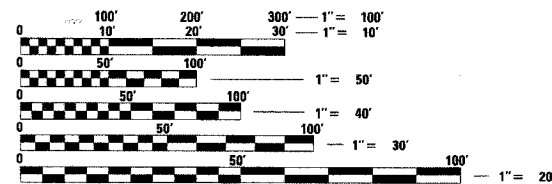
PROJECT LOCATED IN THE VILLAGE OF HARWOOD HEIGHTS

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

CALL JULIE 1-800-892-0123 WITH THE FOLLOWING:

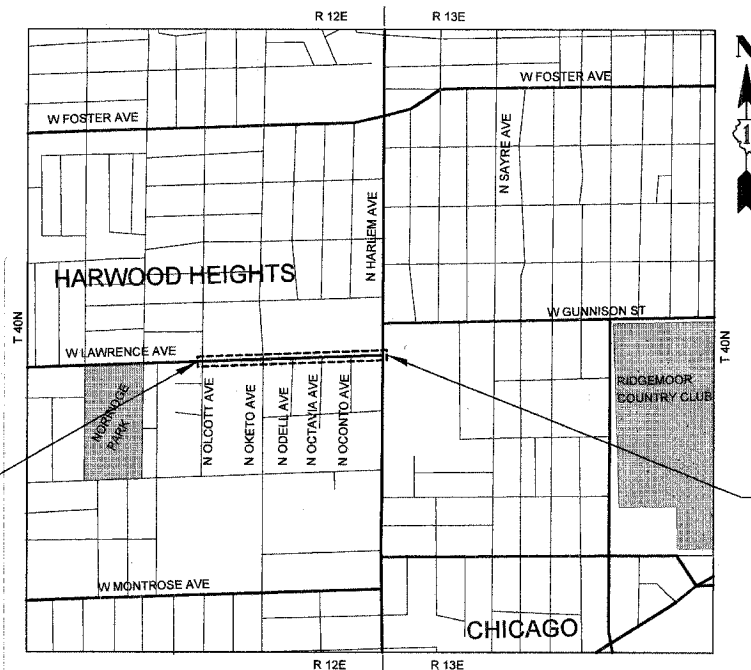
COUNTY COOK
CITY-TOWNSHIP HARWOOD HEIGHTS
SEC. & 1/4 SEC. NO. + S.E. 1/4 OF 12, T40N R12E
N.E. 1/4 OF 13, T40N R12E

48 HOURS BEFORE YOU DIG.
EXCLUDING SAT., SUN., & HOLIDAYS



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.

CONTRACT NO. 83905



DESIGN DESIGNATION: 1630 (08) ARTERIAL

TRAFFIC DATA
F.A.U. 1362 (LAWRENCE AVENUE) ADT = (2005) = 16,900

POSTED SPEED LIMIT
F.A.U. 1362 (LAWRENCE AVENUE) = 35 MPH

DESIGN SPEED
F.A.U. 1362 (LAWRENCE AVENUE) = 35 MPH

BEGIN IMPROVEMENTS
STA. 12 + 57.21

END IMPROVEMENTS
STA. 31 + 01.54

LOCATION MAP

GROSS LENGTH OF PROJECT = 0.35 MILES (1844 FEET)
NET LENGTH OF PROJECT = 0.35 MILES (1844 FEET)



LEE M. FELL P.E.
ENGINEER
DATE: 10-27-07
ILLINOIS REGISTRATION No. 062-053708
EXPIRATION DATE: 11/2009



ANTHONY J. DERICCO P.E.
ENGINEER
DATE: 10-29-07
ILLINOIS REGISTRATION No. 062-057484
EXPIRATION DATE: 11/2009

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED October 25 20 07
VILLAGE OF HARWOOD HEIGHTS Margaret Walker
MAYOR

PASSED November 6 20 07
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW Nov. 7 20 07
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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: 04/30/09

ASSOCIATE FIELD ENGINEER: JESSICA FELICIANO
201 W. CENTER COURT
SCHALMUR, ILLINOIS 60196-1096
(847) 705-4487

F.A. DIST.	SECTION	COUNTY	TOTAL SHEET NO.
1362	06-00047-00-LS	COOK	59
STA.	TO STA.		2
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

LIST OF HIGHWAY STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 353001-04 PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
- 424001-05 CURB RAMPS FOR SIDEWALK
- 442101-07 CLASS B PATCHES
- 442201-03 CLASS C & D PATCHES
- 602001 CATCH BASIN, TYPE A
- 602011 CATCH BASIN, TYPE C
- 602301-01 INLET, TYPE A
- 602401-01 MANHOLE, TYPE A
- 602406-02 MANHOLE, TYPE A, 1800 mm (72") DIAMETER
- 602601-01 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-01 CAST IRON STEPS
- 604001-02 FRAME AND LIDS, TYPE 1
- 604036-01 GRATE, TYPE B
- 606001-03 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501-04 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-02 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701602-03 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-05 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-05 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-03 LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS
- 814001-01 HANDHOLES

GENERAL NOTES

1. 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, 2008; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD), "FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

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

3. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT. IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.

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

- A. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
- B. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
- C. ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DESIGNATED BY THE ENGINEER.
- D. ALL UNUSED SIGNS WILL BE RETURNED TO THE VILLAGE OR DISPOSED OF AS DIRECTED BY THE ENGINEER.
- E. LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.

4. EARTH EXCAVATION

- A. EXCAVATION REQUIRED TO CLEAN SIDE ROAD DITCHES, CONSTRUCT DRIVEWAYS OR CONSTRUCT SIDE ROAD APPROACHES SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION.
- B. ALL SUITABLE EXCESS MATERIAL FROM SEWER TRENCHES, WIDENING, SIDEROADS, ENTRANCES OR OTHER NECESSARY EXCAVATIONS SHALL BE USED IN THE CONSTRUCTION OF THE ROADWAY. PLACEMENT AND COMPACTION OF THIS MATERIAL SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

5. DRAINAGE

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

B. DURING THE CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS CAUSED BY THE CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

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

D. DRAINAGE STRUCTURE OFFSETS AS SHOWN ON THE PLANS ARE GIVEN TO THE FOLLOWING POINTS:
 (A) FOR STRUCTURES FALLING IN THE CURB LINE - TO THE EDGE OF PAVEMENT. (B) FOR ALL OTHER STRUCTURES - TO THE CENTER OF THE STRUCTURE.
 RIM ELEVATIONS SHOWN ON THE PLANS FOR DRAINAGE STRUCTURES IN THE CURB LINE ARE THE EDGE OF PAVEMENT GRADE. FLAT TOPS AND CONES ARE TO BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTERLINE OF THE ROAD, UNLESS OTHERWISE NOTED ON THE STRUCTURE IN THE PLANS OR EXISTING UTILITY CONFLICT PROHIBITS. ALL FLAT TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.

E. ASPHALT OR CONCRETE PAVEMENT CROSSINGS SHALL NOT BE LEFT IN GRAVEL OVERNIGHT. THIS WILL INCLUDE THE MAIN ROAD AND SIDE STREETS. TEMPORARY ASPHALT PATCHING AT THE CONTRACTOR'S EXPENSE MAY BE USED IN LIEU OF IMMEDIATE PAVEMENT REPLACEMENT.

F. ALL OPENINGS IN EXISTING DRAINAGE STRUCTURES AND PIPES RESULTING FROM STORM SEWER/PIPE CULVERT REMOVAL SHALL BE PLUGGED IN ACCORDANCE WITH SECTION 550.05 OF THE STANDARD SPECIFICATIONS. THIS COST WILL BE INCLUDED IN THE ASSOCIATED STORM SEWER/PIPE CULVERT REMOVAL ITEM.

G. ALL NON-WATER MAIN QUALITY CONCRETE STORM SEWER PIPES WILL HAVE RUBBER GASKET JOINTS.

6. DRIVEWAYS OR ENTRANCES

A. THE CONTRACTOR SHALL CONSTRUCT ALL COMMERCIAL AND PRIVATE DRIVEWAYS IN ACCORDANCE WITH THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. THE FOLLOWING MINIMUM REQUIREMENTS SHALL BE MET:

- 1) ASPHALT DRIVEWAYS- (ASPHALT)
 HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50-1 1/2"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2 1/4"
 SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- 2) CONCRETE DRIVEWAYS- (CONC)
 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 9 INCH
 AGGREGATE BASE COURSE, TYPE B 3"

7. ALL ELEVATIONS SHOWN ON THESE PLANS ARE ON N.G.V.D. OF 1929 DATUM.

8. ANY REFERENCE TO STANDARDS IN THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE LATEST STANDARDS OF THE DEPARTMENT.

9. THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS.

10. UTILITIES

A. 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.

B. THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES, AND OTHER UTILITY LINES ARE APPROXIMATE. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

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

D. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES (48 HOURS NOTIFICATION IS REQUIRED.)

E. THE CONTACT FOR TRAFFIC SIGNALS AND ROADWAY LIGHTING WILL BE LARRY KESLINKE, 708-410-5314

11. WATER, STORM SEWER, AND SANITARY SEWER

A. 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 CONTRACT.

B. ALL FRAMES TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLES, CATCH BASIN, INLET, VALVE VAULT OR METER VAULT SHALL HAVE CAST INTO THE LID "VILLAGE OF HARWOOD HEIGHTS" AND THE FOLLOWING: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM", ALL LIDS TO BE USED ON SANITARY SEWER STRUCTURES SHALL BEAR THE WORDS "SANITARY". ALL LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORDS "WATER". THIS SHALL BE CONSIDERED INCIDENTAL TO THE FRAME AND LID PROVIDED.

C. THE VILLAGE MAY ASSIST THE CONTRACTOR IN THE INITIAL LOCATING OF THE EXISTING SANITARY AND WATER SERVICES TO THE INDIVIDUAL RESIDENCES WITHIN THE PROJECT LIMITS. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING KNOWLEDGE OF THE LOCATIONS OF THESE SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AS-BUILT KNOWLEDGE OF THE LOCATION OF THE NEWLY INSTALLED SERVICES AND MAINS. THE VILLAGE WILL NOT BE RESPONSIBLE FOR LOCATING NEW MAINS OR SERVICES FOR THE CONTRACTOR. FOR THE DURATION OF THE CONTRACT, THE CONTRACTOR SHALL MAKE THE AS-BUILT UNDERGROUND UTILITY INFORMATION AVAILABLE TO THE VILLAGE WHENEVER REQUESTED.

D. FOR WATER MAIN SHUT OFFS, THE CONTRACTOR SHALL GIVE THE CITY A MINIMUM OF 48 HOURS 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 AT LEAST 24 HOURS PRIOR TO SHUT OFF. ALL SHUT OFFS SHALL BE FOR A MAXIMUM TIME OF FOUR (4) HOURS.

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

12. MISCELLANEOUS

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

B. DEPRESSED CURBS ACCESSIBLE TO THE HANDICAPPED SHALL BE PROVIDED AT ALL CROSSWALKS ADJACENT TO SIDEWALK AND SHARED USE PATH.

C. TYPE "A" SIDEWALK RAMPS FOR THE HANDICAPPED SHALL BE INSTALLED AT ALL INTERSECTING STREETS (SEE STANDARD 424001 FOR CONSTRUCTION DETAILS).

D. DETECTABLE WARNINGS, PAID FOR UNDER "BRICK PAVERS", SHALL BE PLACED IN SIDEWALK BEHIND DEPRESSED CONCRETE CURB AND GUTTER.

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

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

G. PLEASE CONTACT WALTER CZARNY, IDOT TRAFFIC FIELD ENGINEER @ 773-685-8386 A MINIMUM OF (2) WEEKS PRIOR TO FINAL PAVEMENT MARKING PLACEMENT.

13. LANE CLOSURES

A. THE CONTRACTOR SHALL WORK EXPEDITIOUSLY TO OPEN TRAFFIC LANES CLOSED DUE TO ROADWORK. THE ENGINEER SHALL BE THE SOLE JUDGE OF WHEN A LANE IS READY TO BE OPENED TO TRAFFIC.

B. THE OPENING OF THE LANE TO TRAFFIC SHALL BE IN ACCORDANCE WITH SECTION 107.29 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

C. ROADWORK REQUIRING A CLOSURE OF A LANE, WHICH HAS BEEN OPENED PREVIOUSLY TO TRAFFIC, WILL BE ALLOWED AT THE DISCRETION OF THE ENGINEER AND UNDER THE FOLLOWING CONDITIONS:

- 1) THE LANE CLOSURE SHALL ONLY BE IN EFFECT WHILE WORKERS ARE PRESENT IN OR NEAR THE CLOSED LANE.
- 2) THE CLOSED LANE WILL BE REOPENED TO TRAFFIC AT THE END OF THE WORKDAY.
- 3) ALL TRAFFIC CONTROL DEVICES PERTAINING TO THE LANE CLOSURE SHALL BE REMOVED FROM THE ROADWAY AT THE END OF THE WORKDAY.

14. INCLUDED IN THIS CONTRACT ARE TEN BUS CONCRETE PLATFORMS TO BE PAID FOR AND CONSTRUCTED AS "PCC CONCRETE SIDEWALK 5", SPECIAL" ON GUNNISON AVENUE. THESE WILL BE LOCATED IN THE FIELD BY THE ENGINEER.

REVISIONS	
NAME	DATE

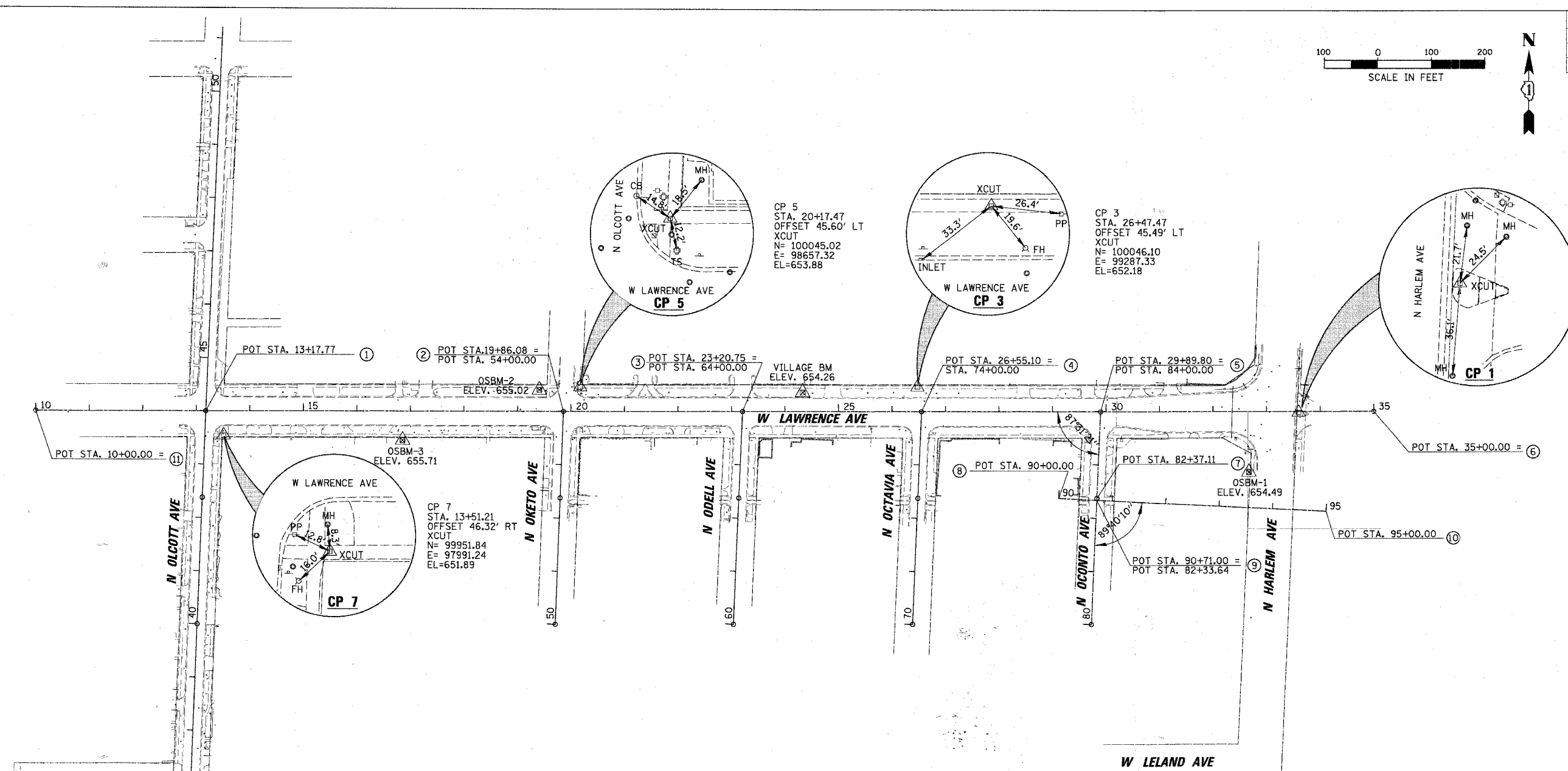
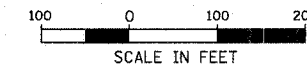
ILLINOIS DEPARTMENT OF TRANSPORTATION

LAWRENCE AVENUE
 GENERAL NOTES AND
 LIST OF HIGHWAY STANDARDS

SCALE: VERT.
 HORIZ. 50'
 DATE 10/29/2007

DRAWN BY PMM
 CHECKED BY LMF

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



POINT NO.	STA.	NORTHING	EASTING
1	44+00.00	99998.10	97957.65
2	19+86.08	99999.36	98626.03
3	23+20.75	99999.99	98960.70
4	26+55.10	100000.62	99295.05
5	29+89.80	100001.26	99629.75
6	35+00.00	100002.22	100139.94
7	82+37.11	99838.50	99623.01
8	90+00.00	99838.38	99551.95
9	90+71.00	99835.04	99622.87
10	95+00.00	99814.83	100051.39
11	10+00.00	99,997.50	97,639.95

NO.	DESCRIPTION	ELEV.
VILLAGE	TOP OF NORTH FLANGE BOLT OF FIRE	654.26
BENCH	HYDRANT ON NORTH SIDE OF LAWRENCE	
MARK	AND ODELL	
OSBM-1	CONCRETE PLANTER AROUND OLD WARSAW	654.49
	SIGN AT SOUTHWEST CORNER OF HARLEM	
	AND LAWRENCE	
OSBM-2	X CUT ON NORTHERLY FLANGE BOLT OF	655.02
	HYDRANT 45' WEST AND 41' NORTH OF	
	INTERSECTION OF LAWRENCE AND OKETO	
OSBM-3	SQUARE CUT ON NORTHWEST CORNER OF	655.71
	CONCRETE CAP OF BRICK AND METAL SIGN	
	FOR NORWOOD PARK FIRE STATION	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**LAWRENCE AVENUE
ALIGNMENT, TIES & BENCHMARKS**

SCALE: VERT. 1"=20'
HORIZ. 1"=100'
DATE 10/29/2007

DRAWN BY PMM
CHECKED BY LMF

10/29/2007
N:\HW\WOOD\HEIGHTS\0627\N\C\1\0627\B\N\B\N
P:\HW\WOOD\HEIGHTS\0627\N\C\1\0627\B\N\B\N
P:\HW\WOOD\HEIGHTS\0627\N\C\1\0627\B\N\B\N

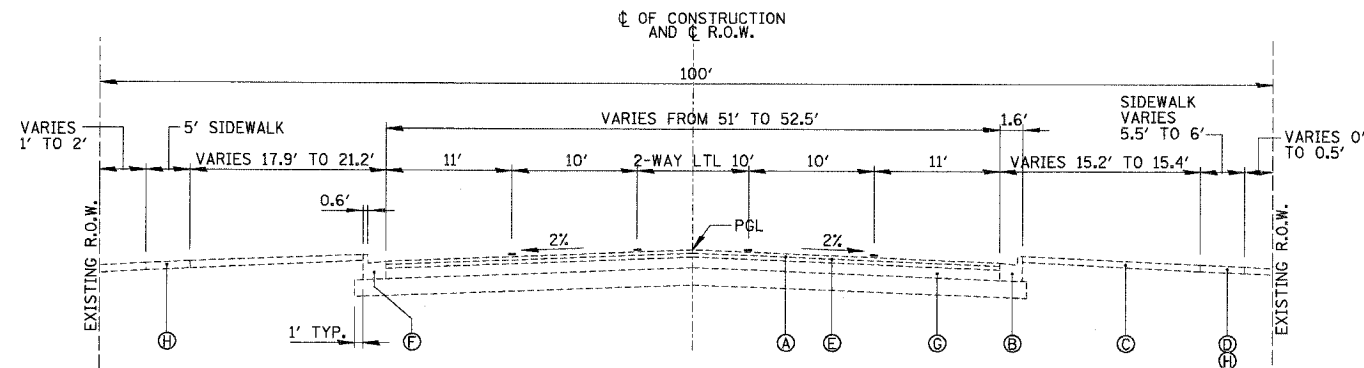
SUMMARY OF QUANTITIES

IDOT PAY ITEM	DESCRIPTION	UNIT	1000-2A	7000-2A	Y003	Y030-IE	Y003 NON-PARTICIPATING	TOTAL QUANTITY
20100110	TREE REMOVAL (8 TO 15 UNITS DIAMETER)	UNIT	0	0	118	0	0	118
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	0	0	38	0	0	38
20101100	TREE TRUNK PROTECTION	EACH	0	0	5	0	0	5
20101200	TREE ROOT PRUNING	EACH	0	0	10	0	0	10
20203100	EARTH EXCAVATION	CY	0	2190	0	0	0	2190
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	0	337	0	0	0	337
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CY	0	337	0	0	0	337
20800250	TRENCH BACKFILL, SPECIAL	CY	530	0	0	0	0	530
21101515	TOPSOIL FURNISH AND PLACE 4"	SY	0	0	898	0	0	898
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	0	0	12	0	0	12
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	0	0	12	0	0	12
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	0	0	12	0	0	12
25100105	MULCH METHOD	ACRE	0	0	0.1	0	0	0.1
25200110	SODDING, SALT TOLERANT	SY	0	0	828	0	0	828
25200200	SUPPLEMENTAL WATERING	UNIT	0	0	5	0	0	5
28000510	INLET FILTERS	EACH	55	0	0	0	0	55
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SY	0	1061	0	0	0	1061
35101400	AGGREGATE BASE COURSE, TYPE B	TON	114	0	0	0	0	114
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 6"	SY	0	1773	0	0	0	1773
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	500	0	0	0	0	500
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	0	1289	0	0	0	1289
40600300	AGGREGATE (PRIME COAT)	TON	114	0	0	0	0	114
40600500	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	0	28	0	0	0	28
40600600	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	0	229	0	0	0	229
40600310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	20	0	0	0	0	20
40600340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	112	0	0	0	0	112
42300500	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6"	SY	534	0	0	0	0	534
42400430	PORTLAND CEMENT CONCRETE SIDEWALK 3" INCH, SPECIAL	SF	0	24270	0	0	0	24270
44000100	PAVEMENT REMOVAL	SY	0	790	0	0	0	790
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SY	10363	0	0	0	0	10363
44000200	DRIVEWAY PAVEMENT REMOVAL	SF	2045	0	0	0	0	2045
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	0	3839	0	0	0	3839
44000600	SIDEWALK REMOVAL	SF	0	0	9315	0	0	9315
44002122	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SY	318	0	0	0	0	318
44200348	CLASS B PATCHES, TYPE I, 9 INCH	SY	23	0	0	0	0	23
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SY	66	0	0	0	0	66
44200962	CLASS B PATCHES, TYPE III, 9 INCH	SY	79	0	0	0	0	79
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SY	151	0	0	0	0	151
55019500	STORM SEWERS, TYPE I, R.C.C. STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	826	0	0	0	0	826
55019600	STORM SEWERS, TYPE I, R.C.C. STORM DRAIN, AND SEWER PIPE, CLASS IV 18"	FOOT	15	0	0	0	0	15
55019700	STORM SEWERS, TYPE I, R.C.C. STORM DRAIN, AND SEWER PIPE, CLASS IV 18"	FOOT	86	0	0	0	0	86
55019800	STORM SEWERS, TYPE I, R.C.C. STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	81	0	0	0	0	81
55020300	STORM SEWERS, TYPE I, R.C.C. STORM DRAIN, AND SEWER PIPE, CLASS III 36"	FOOT	187	0	0	0	0	187
55100400	STORM SEWER REMOVAL 10"	FOOT	135	0	0	0	0	135
55100600	STORM SEWER REMOVAL 12"	FOOT	6	0	0	0	0	6
60107600	PIPE UNDERDRAINS 4"	FOOT	200	0	0	0	0	200
60200105	CATCH BASINS, TYPE A, 4" DIAMETER, TYPE I FRAME, OPEN LID	EACH	2	0	0	0	0	2
60201105	CATCH BASINS, TYPE A, 4" DIAMETER, TYPE II FRAME AND GRATE	EACH	18	0	0	0	0	18
60201110	CATCH BASINS, TYPE A, 4" DIAMETER, TYPE III FRAME AND GRATE	EACH	5	0	0	0	0	5
60204805	CATCH BASINS, TYPE A, 6" DIAMETER, TYPE II FRAME AND GRATE	EACH	6	0	0	0	0	6
60207905	CATCH BASINS, TYPE C, TYPE II FRAME AND GRATE	EACH	15	0	0	0	0	15
60207915	CATCH BASINS, TYPE C, TYPE III FRAME AND GRATE	EACH	2	0	0	0	0	2
60218400	MANHOLES, TYPE A, 4" DIAMETER, TYPE I FRAME, CLOSED LID	EACH	6	0	0	0	0	6
60221100	MANHOLES, TYPE A, 6" DIAMETER, TYPE I FRAME, CLOSED LID	EACH	11	0	0	0	0	11
60223800	MANHOLES, TYPE A, 6" DIAMETER, TYPE I FRAME, CLOSED LID	EACH	1	0	0	0	0	1
60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	0	0	0	0	3
60255500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE I FRAME, CLOSED LID	EACH	1	0	0	0	0	1
60255600	MANHOLES TO BE ADJUSTED	EACH	19	0	0	0	0	19
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE I FRAME, CLOSED LID	EACH	5	0	0	0	0	5
60290100	INLETS TO BE ADJUSTED	EACH	3	0	0	0	0	3
60295700	VALVE VAULTS TO BE ADJUSTED	EACH	10	0	0	0	0	10
60500040	REMOVING MANHOLES	EACH	4	0	0	0	0	4
60500050	REMOVING CATCH BASINS	EACH	4	0	0	0	0	4
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-8-12	FOOT	0	3818	0	0	0	3818
68800200	NON-SPECIAL WASTE DISPOSAL	CY	50	0	0	0	0	50
68800400	SPECIAL WASTE GROUND WATER DISPOSAL	GAL	275	0	0	0	0	275
68800450	SPECIAL WASTE PLANS AND REPORT	L.SUM	1	0	0	0	0	1
68800530	SOIL DISPOSAL ANALYSIS	EACH	3	0	0	0	0	3
69901000	BACKFILL PLUGS	CY	30	0	0	0	0	30
67000400	ENGINEER'S FIELD OFFICE, TYPE A	GAL. MO.	7	0	0	0	0	7
67100100	MOBILIZATION	L.SUM	0	0	1	0	0	1

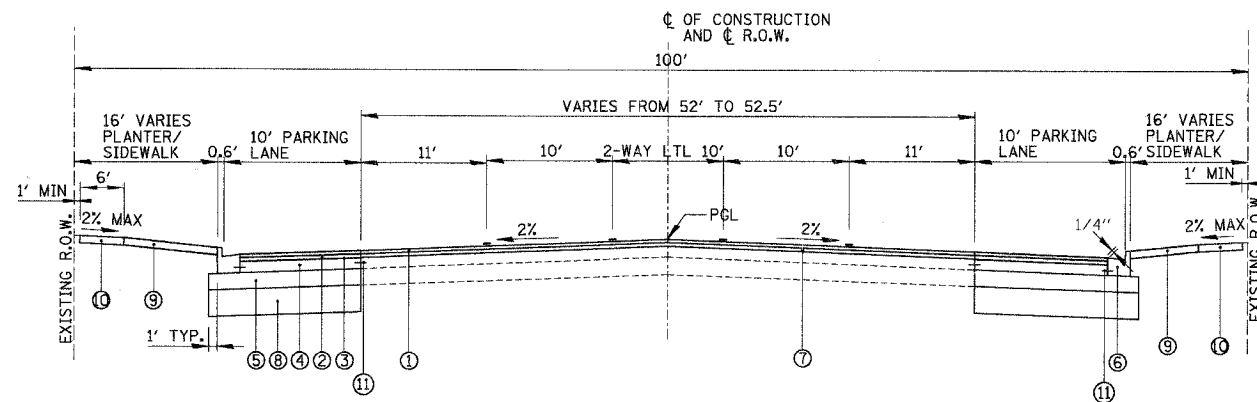
* SPECIALTY ITEM

IDOT PAY ITEM	DESCRIPTION	UNIT	1000-2A	7000-2A	Y003	Y030-IE	Y003 NON-PARTICIPATING	TOTAL QUANTITY
70102800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L.SUM	1	0	0	0	0	1
70102802	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L.SUM	1	0	0	0	0	1
70102825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701605	L.SUM	1	0	0	0	0	1
70102832	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L.SUM	1	0	0	0	0	1
70102835	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L.SUM	1	0	0	0	0	1
70102840	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L.SUM	1	0	0	0	0	1
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	13091	0	0	0	0	13091
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SF	4364	0	0	0	0	4364
72000100	SIGN PANEL - TYPE 1	SF	58	0	0	0	0	58
72001000	METAL POST - TYPE A	FOOT	86	0	0	0	0	86
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SF	285	0	0	0	0	285
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10798	0	0	0	0	10798
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2263	0	0	0	0	2263
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	84	0	0	0	0	84
78000800	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	176	0	0	0	0	176
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	120	0	0	0	0	120
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	120	0	0	0	0	120
80400100	ELECTRIC SERVICE INSTALLATION	EACH	0	0	0	1	0	1
81017510	CONDUIT IN TRENCH, 1" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	0	0	0	110	0	110
81017520	CONDUIT IN TRENCH, 1 1/2" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	0	0	0	2935	0	2935
81017525	CONDUIT IN TRENCH, 2" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	0	0	0	309	0	309
81017545	CONDUIT IN TRENCH, 4" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	0	0	0	1390	0	1390
81017555	CONDUIT IN TRENCH, 6" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	0	0	0	1740	0	1740
81019800	CONDUIT PUSHED, 2 1/2" DIA., GALV. STEEL	FOOT	0	0	0	455	0	455
81019800	CONDUIT PUSHED, 4" DIA., GALV. STEEL	FOOT	0	0	0	100	0	100
81022400	CONDUIT ENCASED IN CONCRETE, 3" DIA., PVC	FOOT	0	0	0	309	0	309
81030800	CONDUIT BORED AND PULLED, COILABLE NONMETALLIC CONDUIT, 1 1/2"	FOOT	0	0	0	1100	0	1100
81030800	CONDUIT BORED AND PULLED, COILABLE NONMETALLIC CONDUIT, 2"	FOOT	0	0	0	100	0	100
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	0	0	0	8	0	8
81400200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	0	0	0	10605	0	10605
82502600	LIGHTING CONTROLLER TYPE 05-RCS 200AMP - 480 VOLT	EACH	0	0	0	1	0	1
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	0	0	0	360	0	360
84200600	REMOVAL OF EXISTING LIGHTING UNIT NO SALVAGE	EACH	0	0	0	6	0	6
84200700	LIGHTING FOUNDATION REMOVAL	EACH	0	0	0	6	0	6
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	0	0	0	1	0	1
84500100	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	0	0	0	1	0	1
86600600	DETECTOR LOOP REPLACEMENT	FOOT	400	0	0	0	0	400
88800100	PEDESTRIAN PUSH-BUTTON	EACH	0	0	1	0	0	1
82000786	TREE AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 6" HEIGHT, SHRUBFORM, BALLED AND BURLAPPED	EACH	0	0	11	0	0	11
82001286	TREE CORNUS ALTERNIFOLIA PACODA DOGWOOD, 8" HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	0	0	8	0	0	8
82007916	SHRUB ROSA MEIPITAC (CAREFREE WONDER ROSE), 18" HEIGHT, CONTAINER	EACH	0	0	32	0	0	32
82012772	SHRUB VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 6" HEIGHT, BALLED AND BURLAPPED	EACH	0	0	4	0	0	4
82009918	SHRUB SPIREA X BUMAL DA GOLD FLAME (GOLD FLAME SPIREA), 18" HEIGHT, CONTAINER	EACH	0	0	88	0	0	88
D2001854	EVERGREEN, JUNIPERUS HORIZONTALIS WALTONII (BLUE RUG JUNIPER), 18" SPREAD BALLED AND BURLAPPED	EACH	0	0	7	0	0	7
D2001215	EVERGREEN, JUNIPERUS SABINA BROADMOOR (BROADMOOR JUNIPER), 18" WIDTH BALLED AND BURLAPPED	EACH	0	0	2	0	0	2
D2003424	EVERGREEN, TAXUS X MEDIA BROWNII (BROWN ANGLAJAPANESE YEW), 2" WIDTH, BALLED AND BURLAPPED	EACH	0	0	20	0	0	20
X0300535	PLANTER	EACH	0	0	0	0	33	33
X0301467	PERENNIAL PLANTS, GALLON POT	UNIT	0	0	15	0	0	15
X0301787	WATER CONTROL STRUCTURE, TYPE A	EACH	1	0	0	0	0	1
X0320189	EXPOSED AGGREGATE SURFACE (SPECIAL)	SF	0	0	0	6103	0	6103
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	55	0	0	0	0	55
X0444150	BENCHES	EACH	0	0	0	0	33	33
X0640300	BRICK PAVERS	SF	0	0	0	0	11471	11471
X4087107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	480	0	0	0	0	480
X6028300	INLETS TO BE REMOVED, SPECIAL	EACH	10	0	0	0	0	10
X8950200	REBUILD EXISTING HANDHOLE	EACH	4	0	0	0	0	4
X0003959	TRASH RECEPTACLES	EACH	0	0	0	0	7	7
X0001011	BICYCLE RACKS	EACH	0	0	0	0	19	19
X0003711	BUS SHELTER REMOVAL	EACH	0	0	1	0	0	1
X0004144	DRINKING FOUNTAIN	EACH	0	0	0	0	1	1
X0004145	CONCRETE PLANTER WALL	CU YD	0	0	1252	0	0	1252
X0004146	LIGHTING UNIT COMPLETE, TYPE F1	EACH	0	0	0	45	0	45
X0005293	BRICK PAVEMENT CROSSWALK	SF	0	0	0	0	6154	6154
X0005762	TREE CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	0	0	25	0	0	25
X0005892	CLASS D PATCHES, 6" (SPECIAL)	SY	60	0	0	0	0	60
X0005471	STORM SEWERS, TYPE I, WATER MAIN QUALITY PIPE, SDR-21 12"	FOOT	236	0	0	0	0	236
20013758	CONSTRUCTION LAYOUT	L.SUM	1	0	0	0	0	1
20076600	TRAINERS	HOOR	0	0	0	1000	0	1000
X0001200	BUS SHELTER PLATFORM	EACH	0	0	10	0	0	10
X0001205	LIGHT POLE COMPLETE IN PLACE, TYPE F1	EACH	0	0	45	0	0	45
X0001206	SKATEBOARD DETERRENT	FOOT	0	0	0	0	565	565
X0001207	TREE, TILIA CORDATA GLENLEVEN (GLENLEVEN LITTLE LEAF LINDEN) 2" CALIPER, BALLED AND BURLAPPED	EACH	0	0	7	0	0	7
X0001208	UNIT DUCT, 1" SCH 40 WITH 1/2" #10, 1/2" #10 NEUTRAL, & 1/2" #10 GND	FOOT	0	0	0	440	0	440
X0001209	UNIT DUCT, WITH #10 #6, 1/2" #6 NEUTRAL, & 1/2" #6 GND, 600V (ALP-TYPE USE) IN 1 1							

CONTRACT NO. 83905			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
1362	06-00047-00-LS	COOK	59
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



**LAWRENCE AVENUE
EXISTING TYPICAL CROSS SECTION
STA. 12 + 57.21 TO STA. 31 + 01.54**



**LAWRENCE AVENUE
PROPOSED TYPICAL CROSS SECTION
STA. 12 + 57.21 TO STA. 31 + 01.54**

LEGEND:

EXISTING:

- (A) EXISTING PAVEMENT (APPROXIMATELY 12")
- (B) EXISTING CURB & GUTTER
- (C) EXISTING GROUND LINE
- (D) EXISTING SIDEWALK
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (F) COMBINATION CURB & GUTTER REMOVAL
- (G) EXISTING PCC BASE COURSE
- (H) SIDEWALK REMOVAL

PROPOSED:

- (1) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, N70-1 1/2"
- (2) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70-2 1/4"
- (3) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (4) PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (5) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (6) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (7) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" MIN)
- (8) PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE UNDERCUTTING (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)
- (9) EXPOSED AGGREGATE SURFACE (SPECIAL)
- (10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL
- (11) 18"-NO. 6 DOWEL BARS AT 24" ON CENTER DRILLED INTO PAVEMENT WITH EPOXY GROUT (PAID FOR SEPARATELY FOR WIDENING, BUT NOT INCIDENTAL FOR THE COST OF THE PROPOSED CURB AND GUTTER)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	AC-TYPE	VOIDS
ROADWAY WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70-1 1/2" (IL-9.5 mm)	PG 64-22	4%±70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N70-2 1/4"	PG 64-22/*	4%±70 GYR.
CLASS D PATCHES, (HMA BINDER IL-19MM) 6" (SPECIAL)	PG 64-22/*	4%±70 GYR.
ROADWAY RESURFACING		
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" MIN)	SBS/SBR PG 76-28/-22	4%±50 GYR.
MIXTURE TYPE (DRIVEWAYS)	AC-TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50-1 1/2" (IL-9.5 mm)	PG 64-22	4%±50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N50-2 1/4"	PG 64-22/*	4%±50 GYR.

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
- * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.
2. POROUS GRANULAR EMBANKMENT, SUBGRADE HAS BEEN PROVIDED TO REPLACE SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. THE REMOVAL AND REPLACEMENT AREA SHALL EXTEND TO 12 INCHES BEYOND THE CURB AND GUTTER AND COME UP AT A 1:1 SLOPE TO EXISTING GROUND SURFACE. THESE LIMITS MAY BE ALTERED BY THE ENGINEER IF FIELD CONDITIONS SO WARRANT. REMOVAL OF THESE UNSUITABLE SOILS SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL."
3. ALL CURB AND GUTTER JOINTS SHALL MATCH THE EXISTING PCC BASE COURSE JOINTS.

REVISIONS	
NAME	DATE

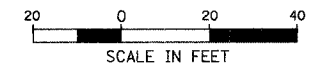
ILLINOIS DEPARTMENT OF TRANSPORTATION

**LAWRENCE AVENUE
TYPICAL SECTIONS**

SCALE: VERT.
HORIZ. 50'
DATE 10/29/2007

DRAWN BY MH
CHECKED BY LMF

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	9
STA. 10+00		TO STA. 22+50		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



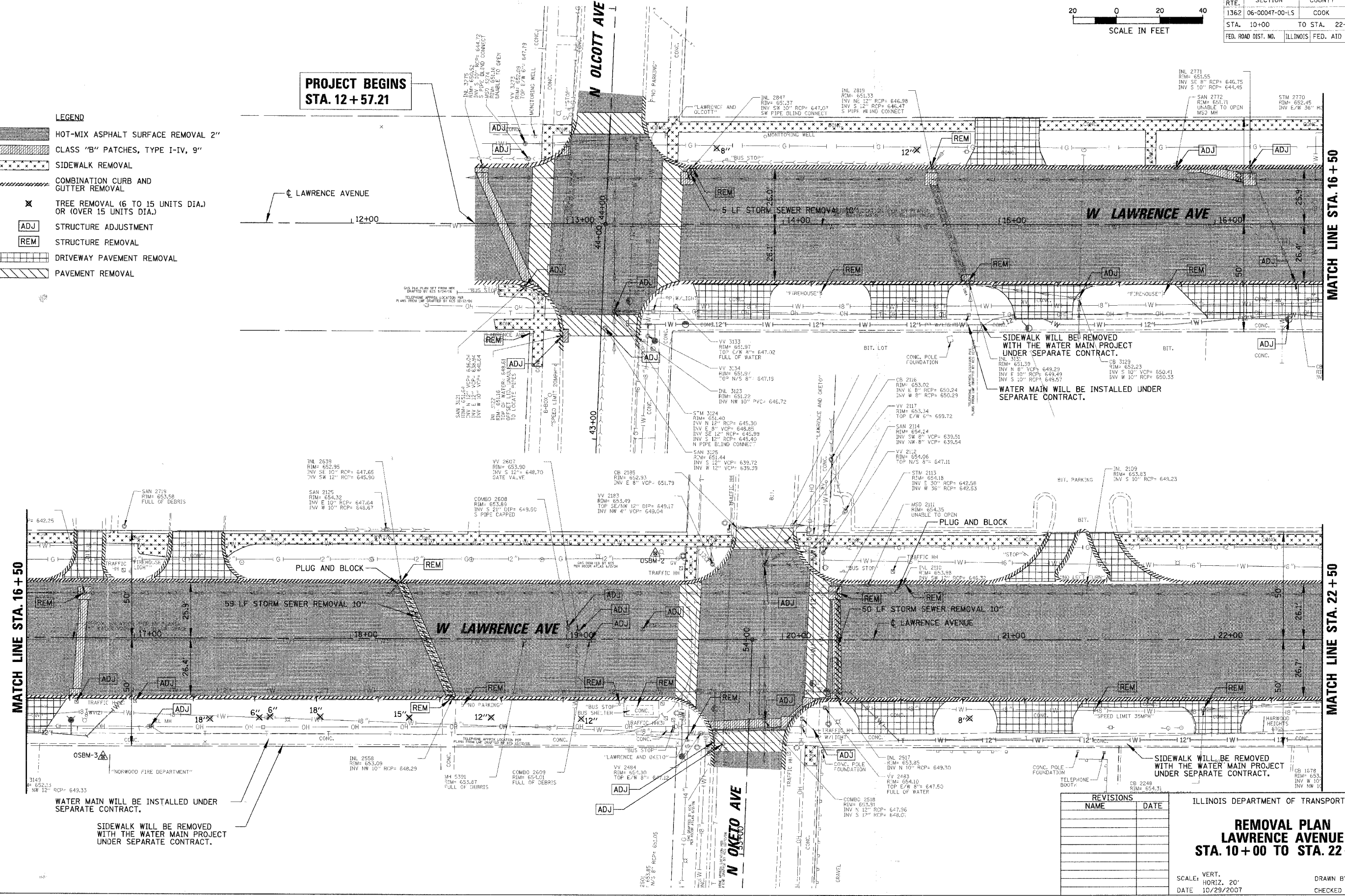
- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL 2"
 - CLASS "B" PATCHES, TYPE I-IV, 9"
 - SIDEWALK REMOVAL
 - COMBINATION CURB AND GUTTER REMOVAL
 - TREE REMOVAL (6 TO 15 UNITS DIA.) OR (OVER 15 UNITS DIA.)
 - STRUCTURE ADJUSTMENT
 - STRUCTURE REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT REMOVAL

**PROJECT BEGINS
STA. 12 + 57.21**

MATCH LINE STA. 16 + 50

MATCH LINE STA. 16 + 50

MATCH LINE STA. 22 + 50



SIDEWALK WILL BE REMOVED WITH THE WATER MAIN PROJECT UNDER SEPARATE CONTRACT.

WATER MAIN WILL BE INSTALLED UNDER SEPARATE CONTRACT.

WATER MAIN WILL BE INSTALLED UNDER SEPARATE CONTRACT.

SIDEWALK WILL BE REMOVED WITH THE WATER MAIN PROJECT UNDER SEPARATE CONTRACT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

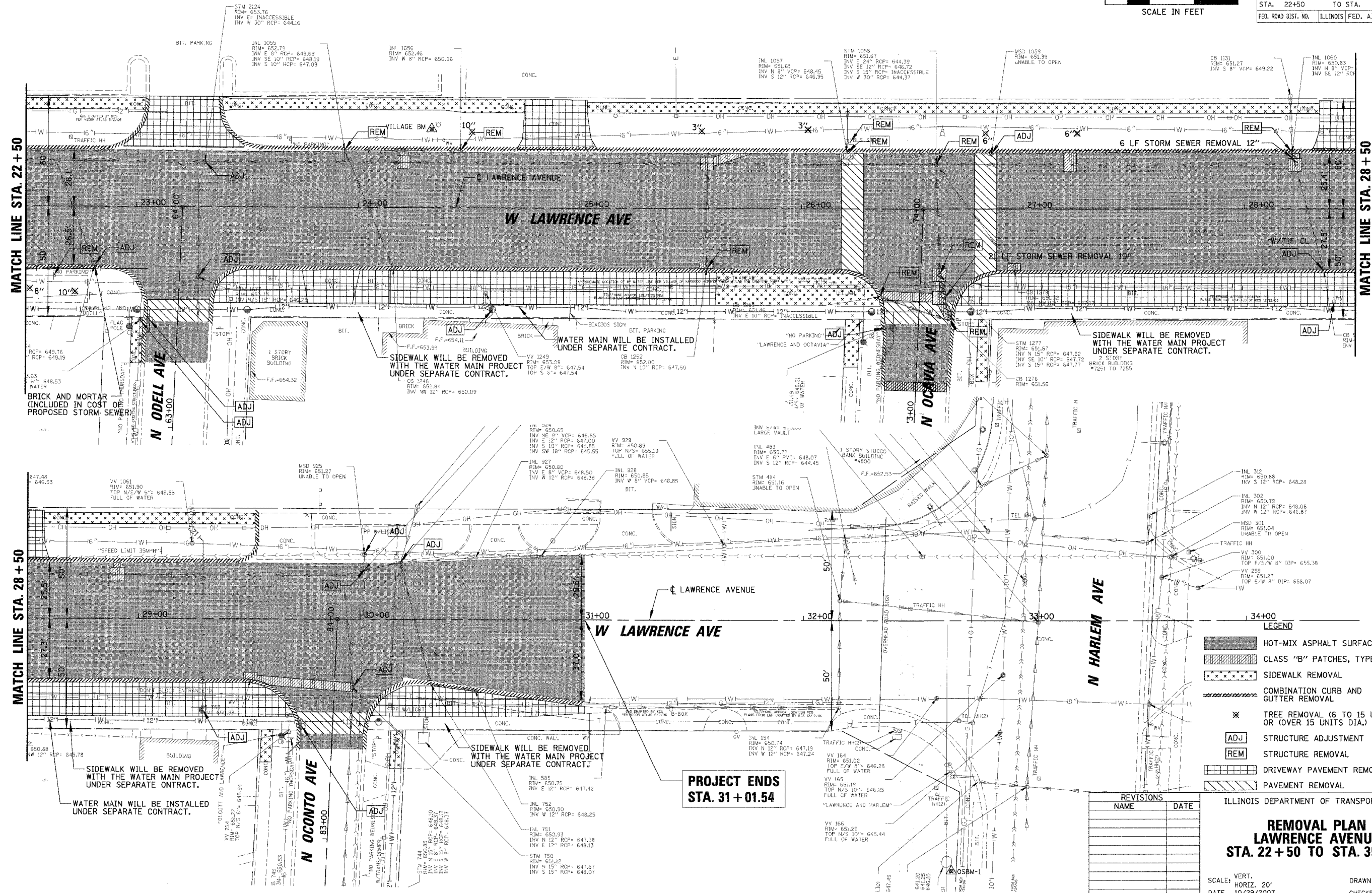
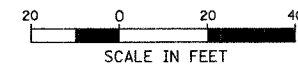
**REMOVAL PLAN
LAWRENCE AVENUE
STA. 10+00 TO STA. 22+50**

SCALE: VERT. 1"=20'
HORIZ. 1"=40'
DATE 10/29/2007

DRAWN BY PMM
CHECKED BY LMF

PLOT DATE = 10/29/2007
FILE NAME = N:\HARDWOOD\HARDWOOD\83905\1362\06-00047-00-LS\1362-00-LS-09-01.dwg
USER NAME = RMAGNELL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	10
STA. 22+50		TO STA. 35+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2"
- CLASS "B" PATCHES, TYPE I-IV, 9"
- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- TREE REMOVAL (6 TO 15 UNITS DIA.) OR (OVER 15 UNITS DIA.)
- STRUCTURE ADJUSTMENT
- STRUCTURE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL

REVISIONS

NO.	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

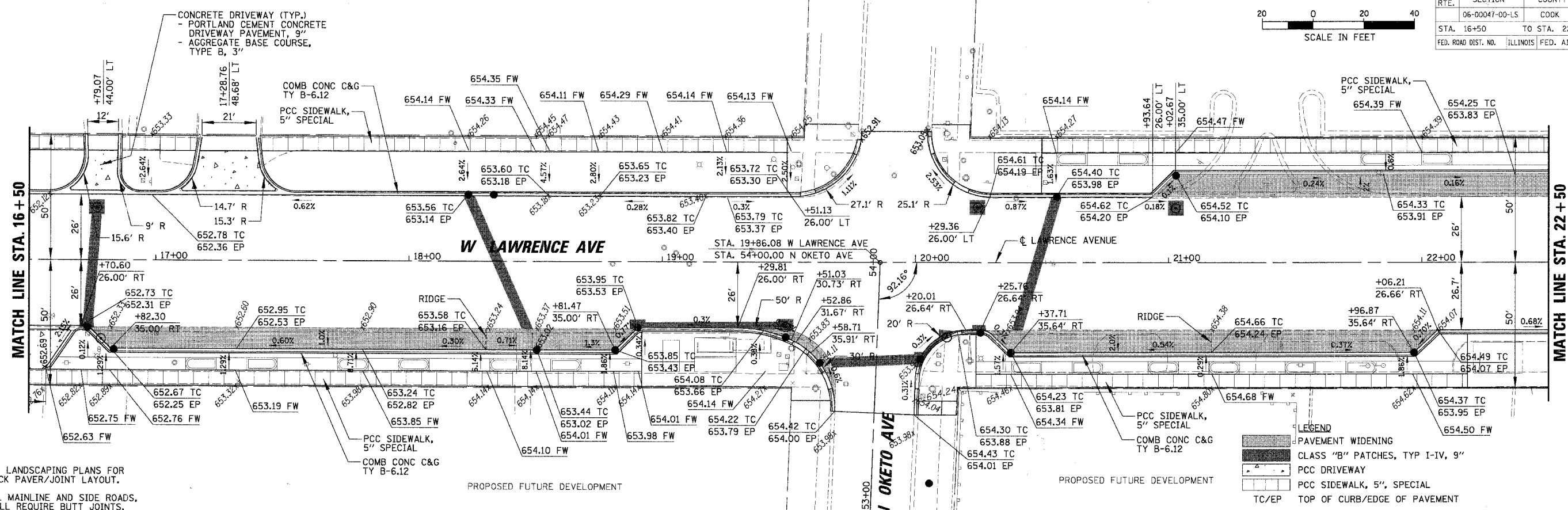
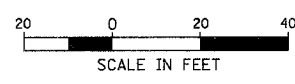
**REMOVAL PLAN
LAWRENCE AVENUE
STA. 22+50 TO STA. 35+00**

SCALE: VERT. 1"=20'
HORIZ. 1"=40'
DATE 10/29/2007

DRAWN BY PMM
CHECKED BY LMF

PLOT DATE = 10/29/2007
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PLOT USER = PPKNEILL

CONTRACT NO. 83905				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00047-00-LS	COOK	59	12	
STA. 16+50		TO STA. 22+50		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTE:
 1. SEE LANDSCAPING PLANS FOR BRICK PAVER/JOINT LAYOUT.
 2. ALL MAINLINE AND SIDE ROADS, SHALL REQUIRE BUTT JOINTS.

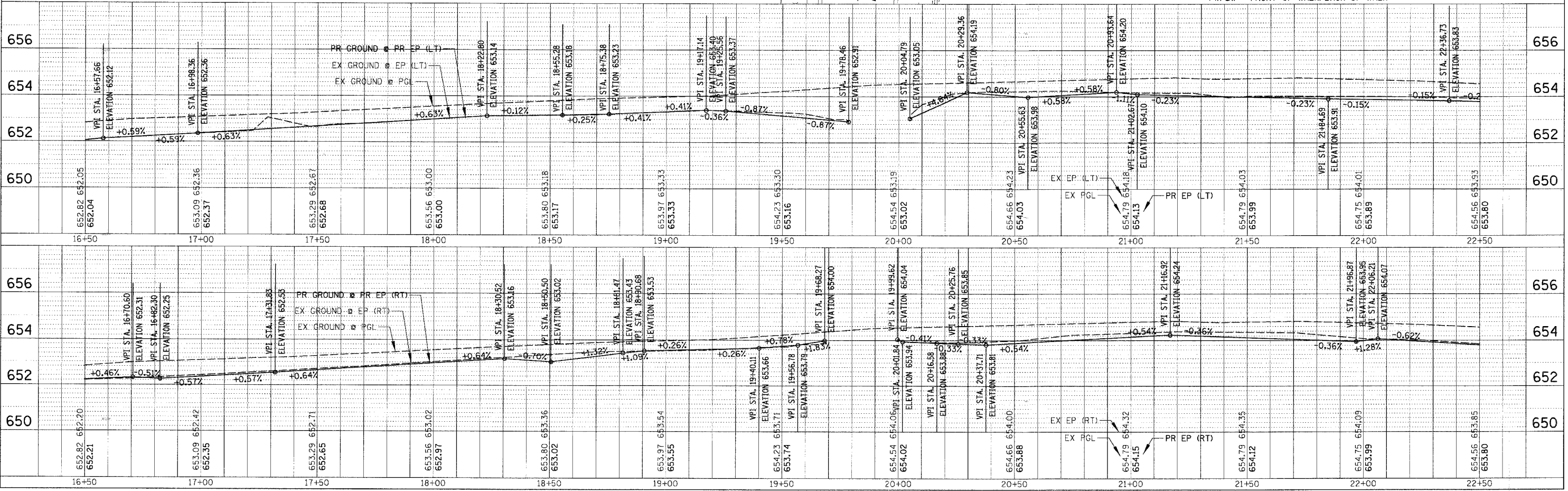
LEGEND

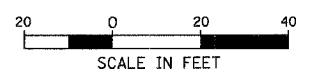
	PAVEMENT WIDENING
	CLASS "B" PATCHES, TYP I-IV, 9"
	PCC DRIVEWAY
	PCC SIDEWALK, 5", SPECIAL
	TC/EP TOP OF CURB/EDGE OF PAVEMENT
	FW/BW FRONT OF WALK/BACK OF WALK

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

PLT DATE = 11/29/2007
 FILE NAME = W:\PROJECTS\83905\1627\1627.PPP
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 USER NAME = PMGNELLI





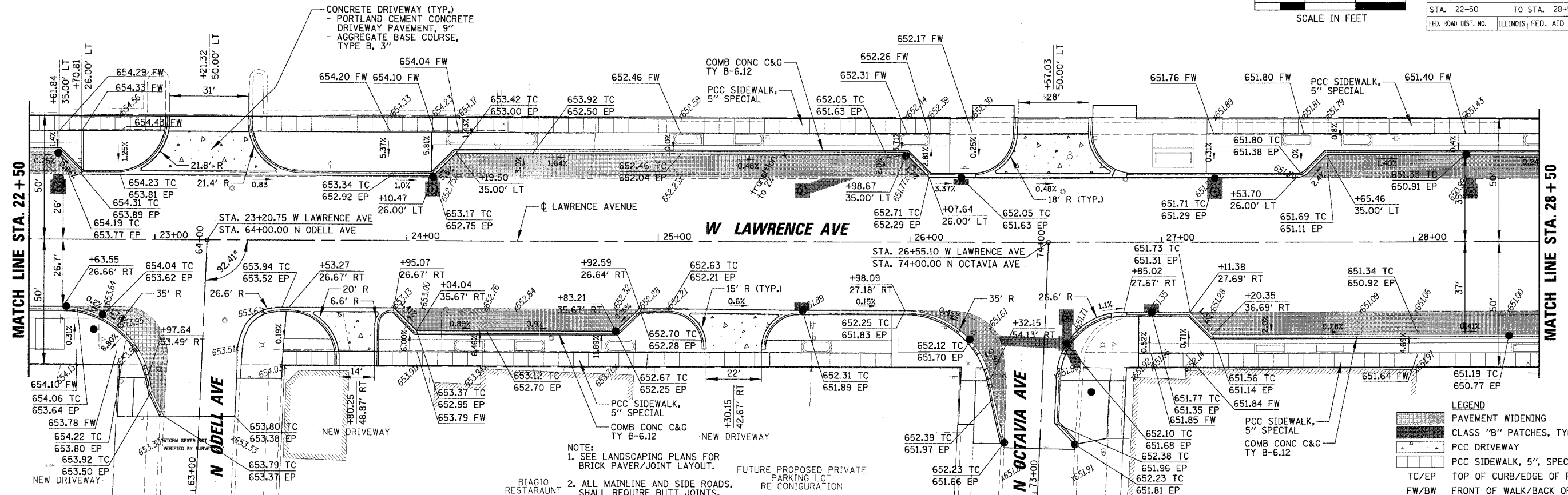
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DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

PROFILE

DATE	
BY	
REVISION	
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DATE	
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REVISION	
NO.	

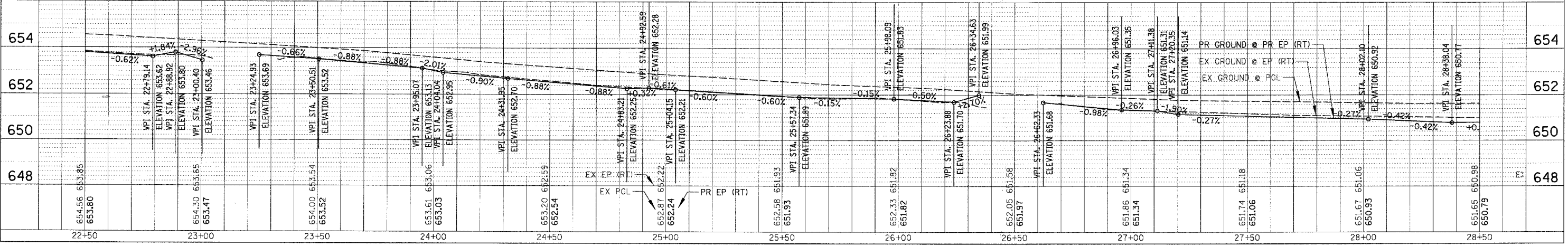
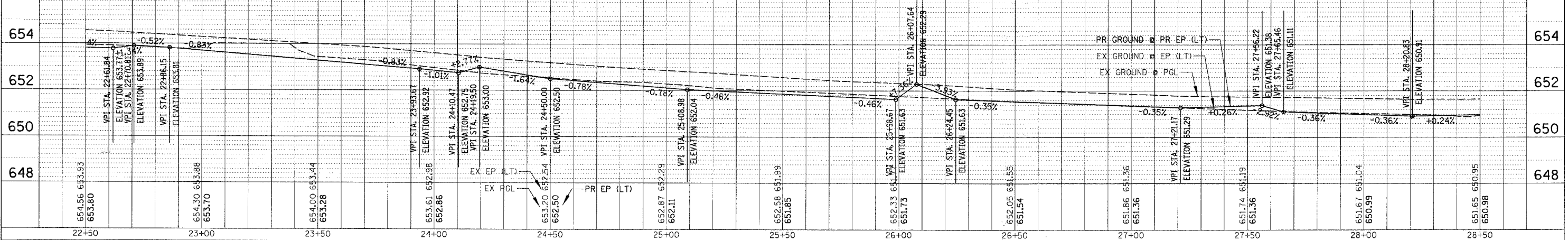
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 USER NAME = PMAGNELL



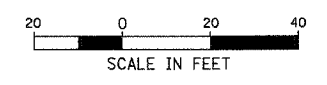
NOTE:
 1. SEE LANDSCAPING PLANS FOR BRICK PAVEMENT JOINT LAYOUT.
 2. ALL MAINLINE AND SIDE ROADS, SHALL REQUIRE BUTT JOINTS.
 BIAGIO RESTAURANT
 FUTURE PROPOSED PRIVATE PARKING LOT RE-CONFIGURATION

LEGEND

[Pattern]	PAVEMENT WIDENING
[Pattern]	CLASS "B" PATCHES, TYP I-IV, 9"
[Pattern]	PCC DRIVEWAY
[Pattern]	PCC SIDEWALK, 5", SPECIAL
[Pattern]	COMB CONC C&G TY B-6.12
[Symbol]	TC/EP TOP OF CURB/EDGE OF PAVEMENT
[Symbol]	FW/BW FRONT OF WALK/BACK OF WALK



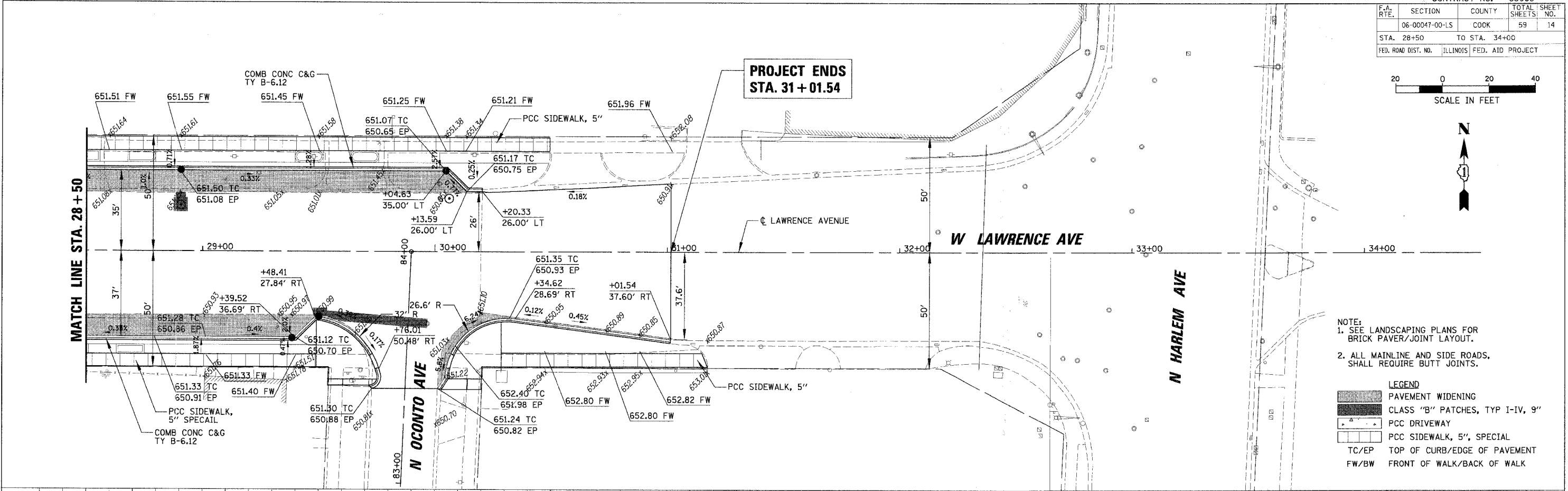
CONTRACT NO. 83905			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
06-00047-00-LS	COOK	59	14
STA. 28+50		TO STA. 34+00	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



PLAN	DATE
BY	
CHECKED	
DATE	
BY	
CHECKED	
DATE	
BY	
CHECKED	
DATE	

PROFILE	DATE
BY	
CHECKED	
DATE	
BY	
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DATE	
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CHECKED	
DATE	

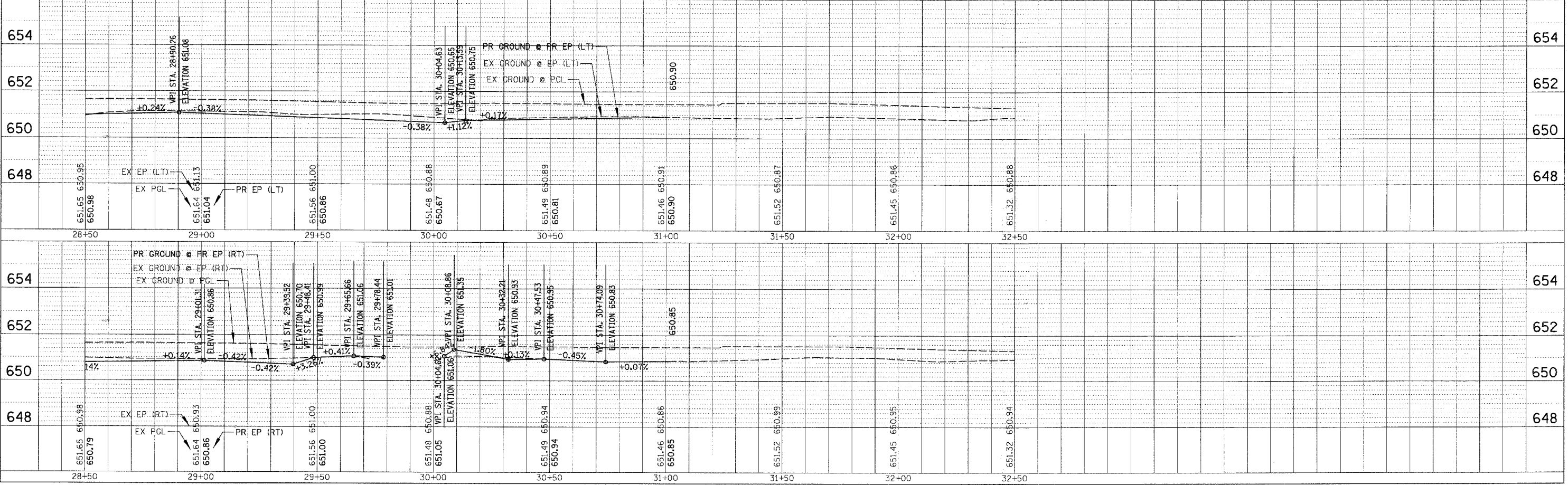
PLOT DATE = 10/29/2007
 PLOT SCALE = 20'
 USER NAME = PMAGNELLI



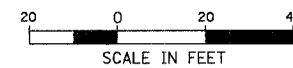
- NOTE:
- SEE LANDSCAPING PLANS FOR BRICK PAVER/Joint LAYOUT.
 - ALL MAINLINE AND SIDE ROADS, SHALL REQUIRE BUTT JOINTS.

LEGEND

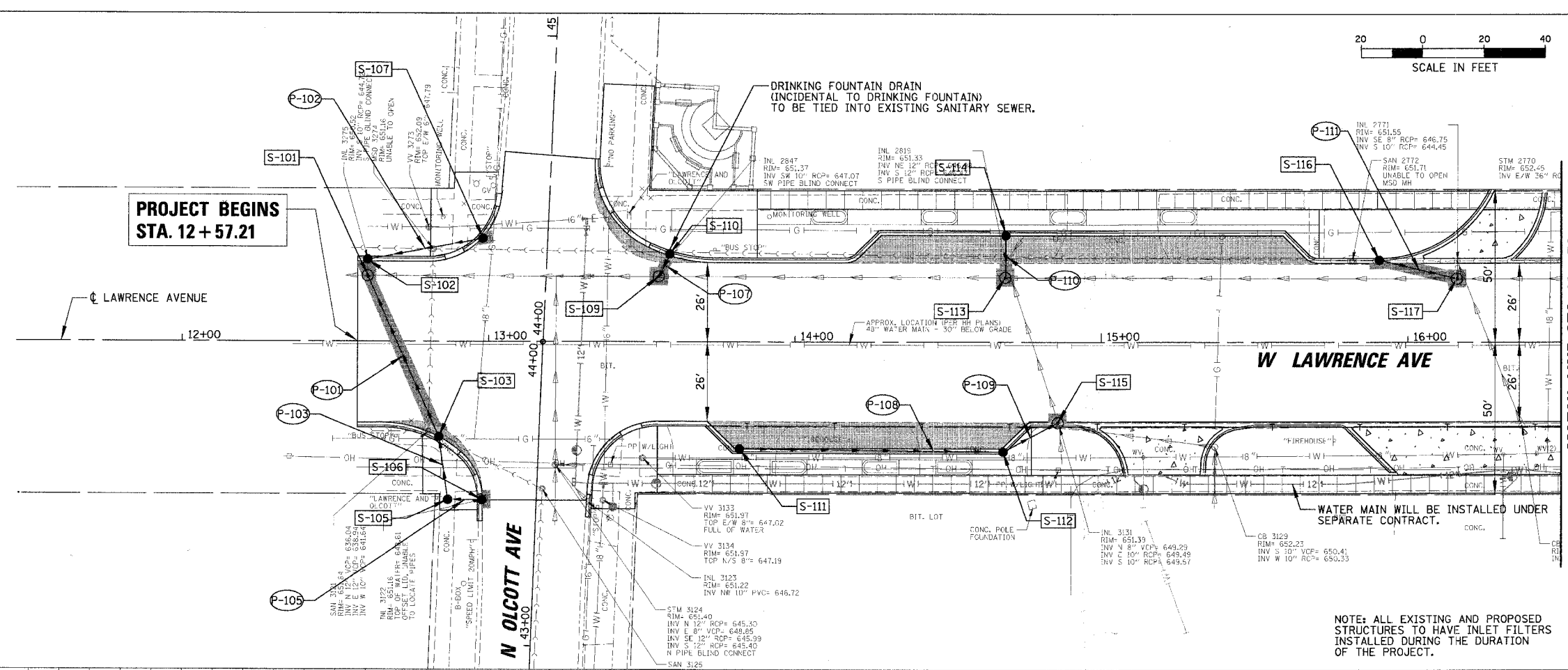
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	CLASS "B" PATCHES, TYP I-IV, 9"
	PCC DRIVEWAY
	PCC SIDEWALK, 5", SPECIAL
	TC/EP TOP OF CURB/EDGE OF PAVEMENT
	FW/BW FRONT OF WALK/BACK OF WALK



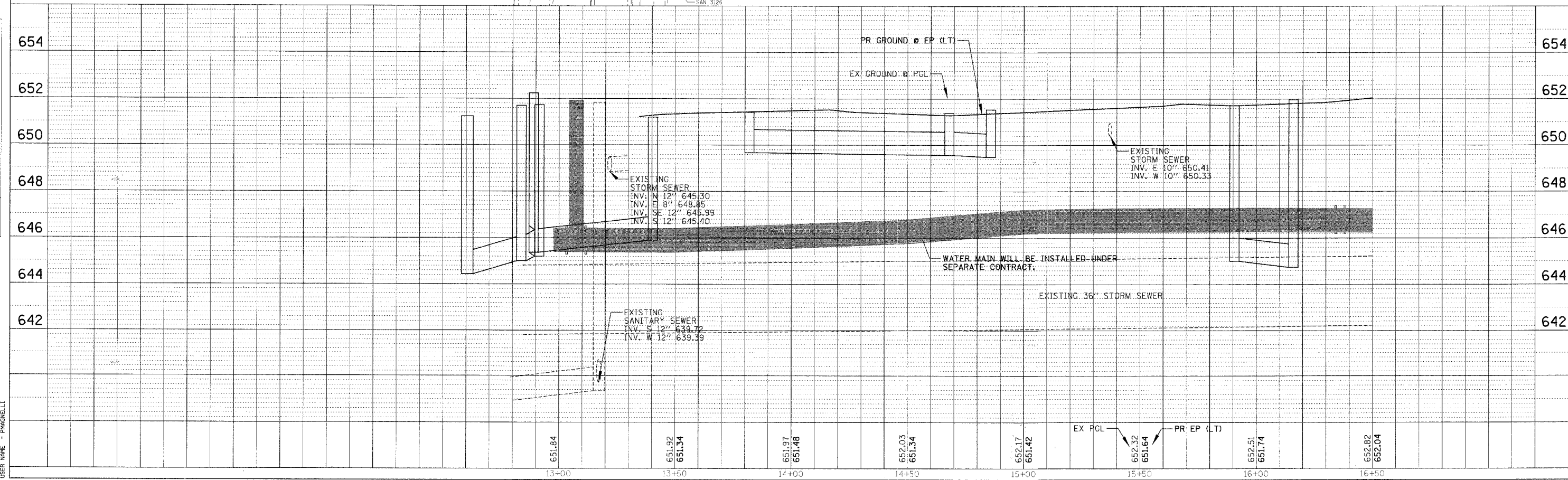
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	06-00047-00-LS	COOK	59	15
STA. 12+00		TO STA. 16+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



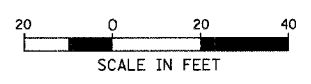
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NOTE BOOK NO.	ATTESTED		
	CHECKED		
	DATE		



PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	ATTESTED		
	CHECKED		
	DATE		

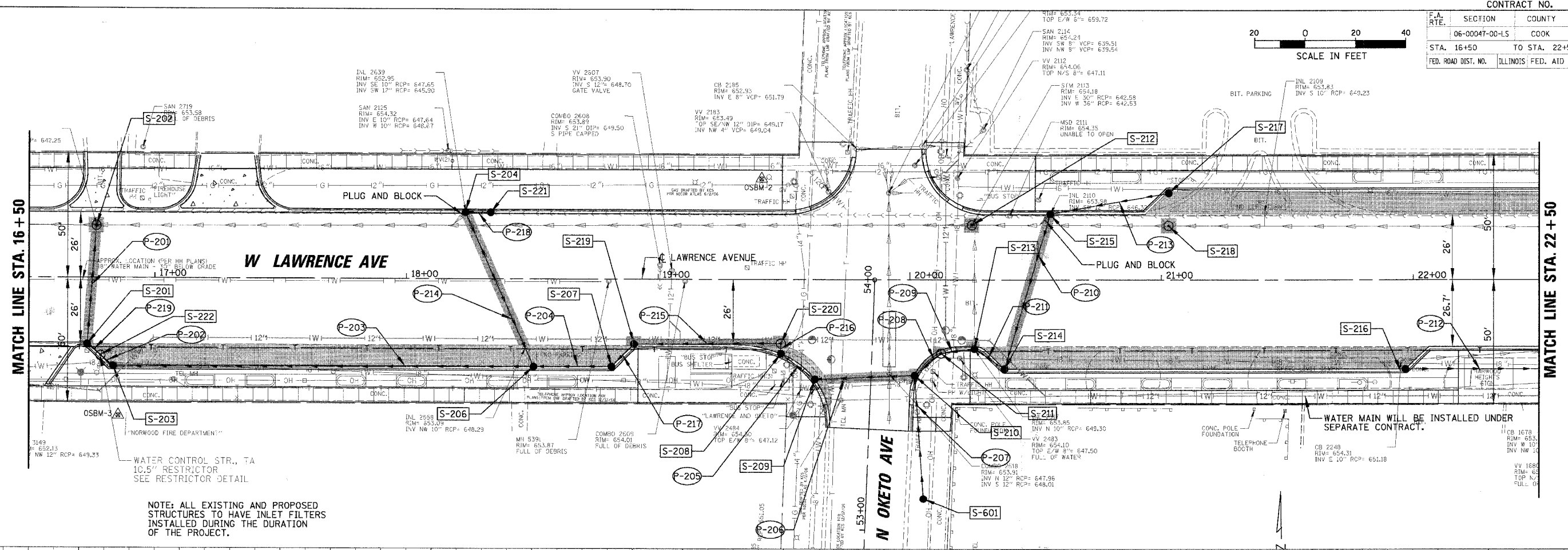


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 USER NAME = PMAGNELL



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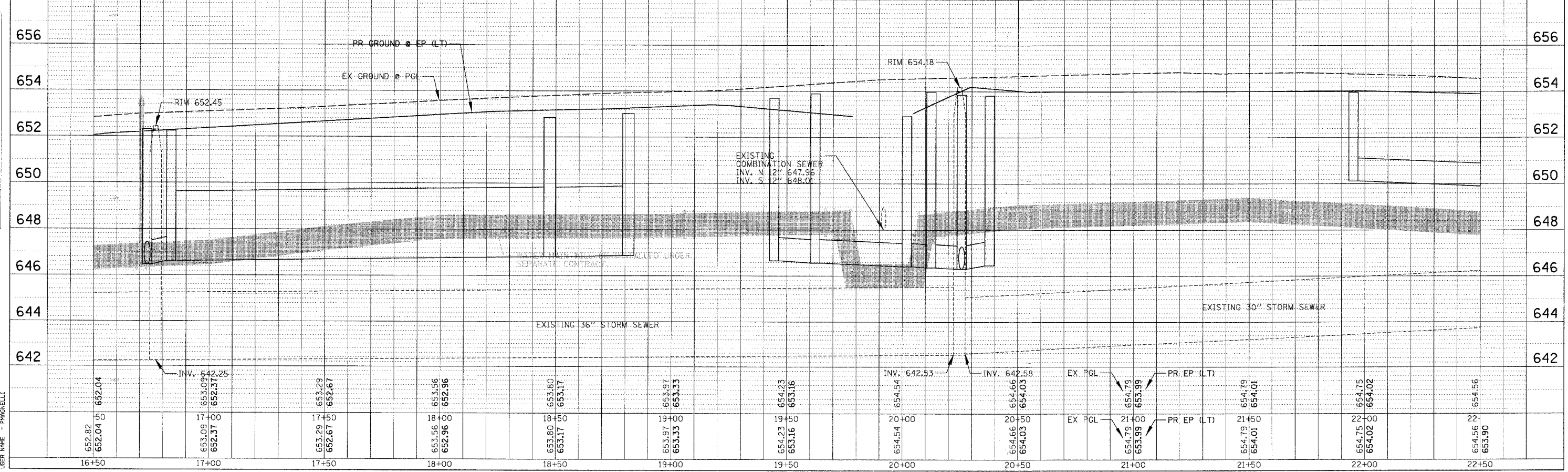
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BY	
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DESIGNED	
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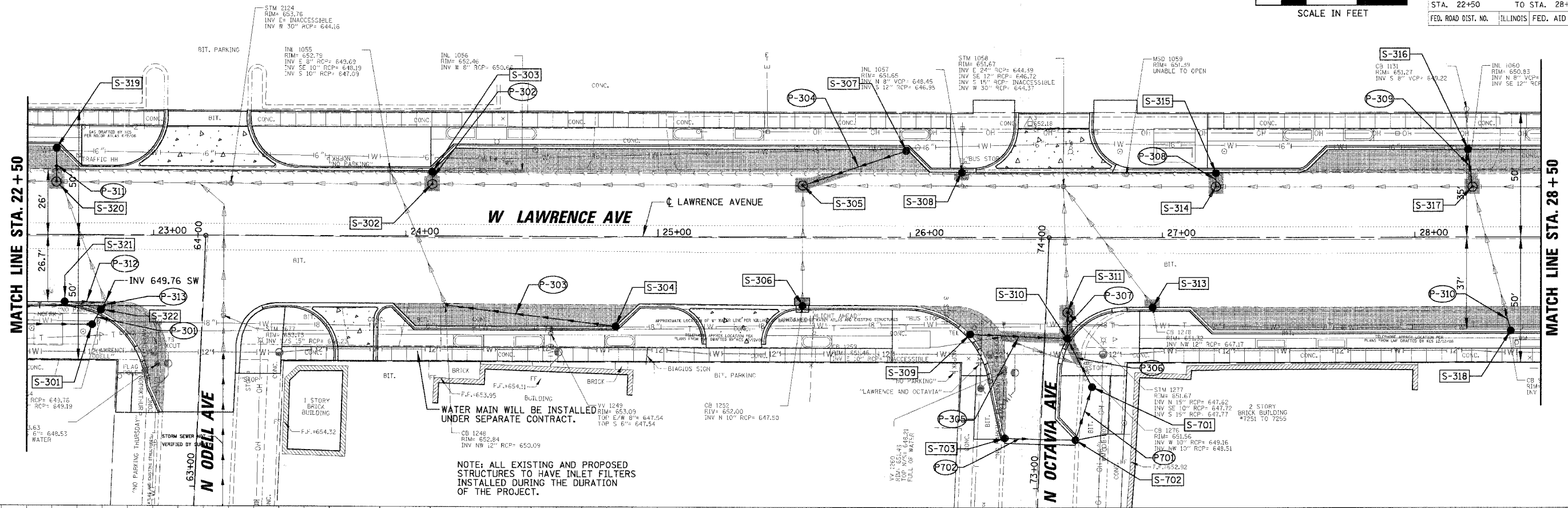
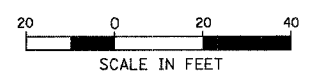
NOTE: ALL EXISTING AND PROPOSED STRUCTURES TO HAVE INLET FILTERS INSTALLED DURING THE DURATION OF THE PROJECT.

PROFILE

DATE	
BY	
CHECKED	
DESIGNED	
NOTED	
NO.	



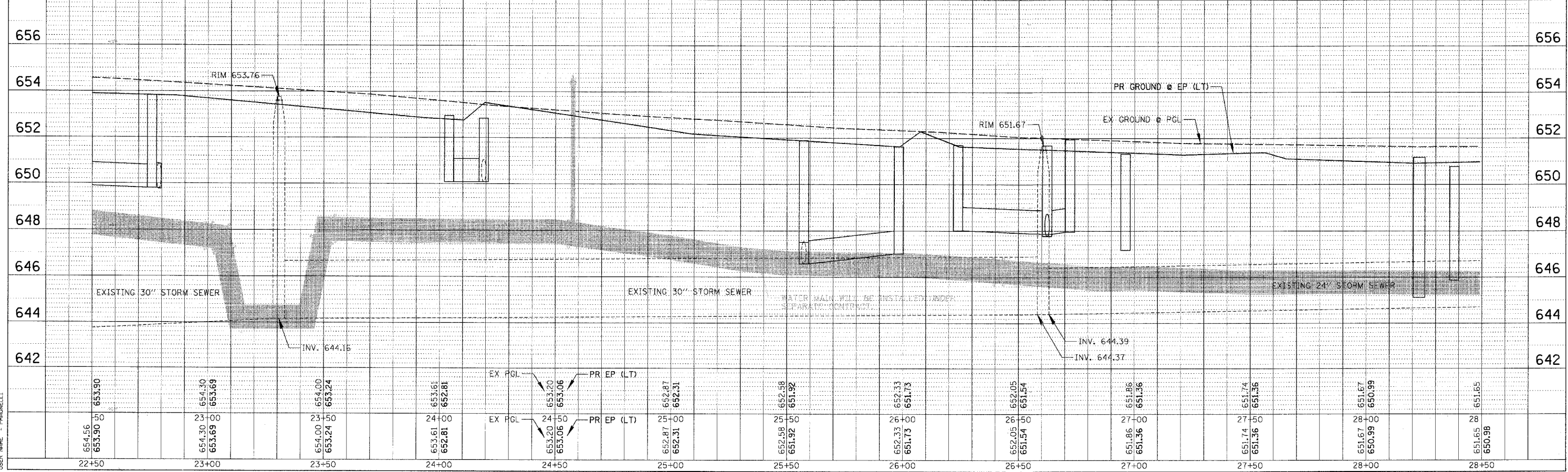
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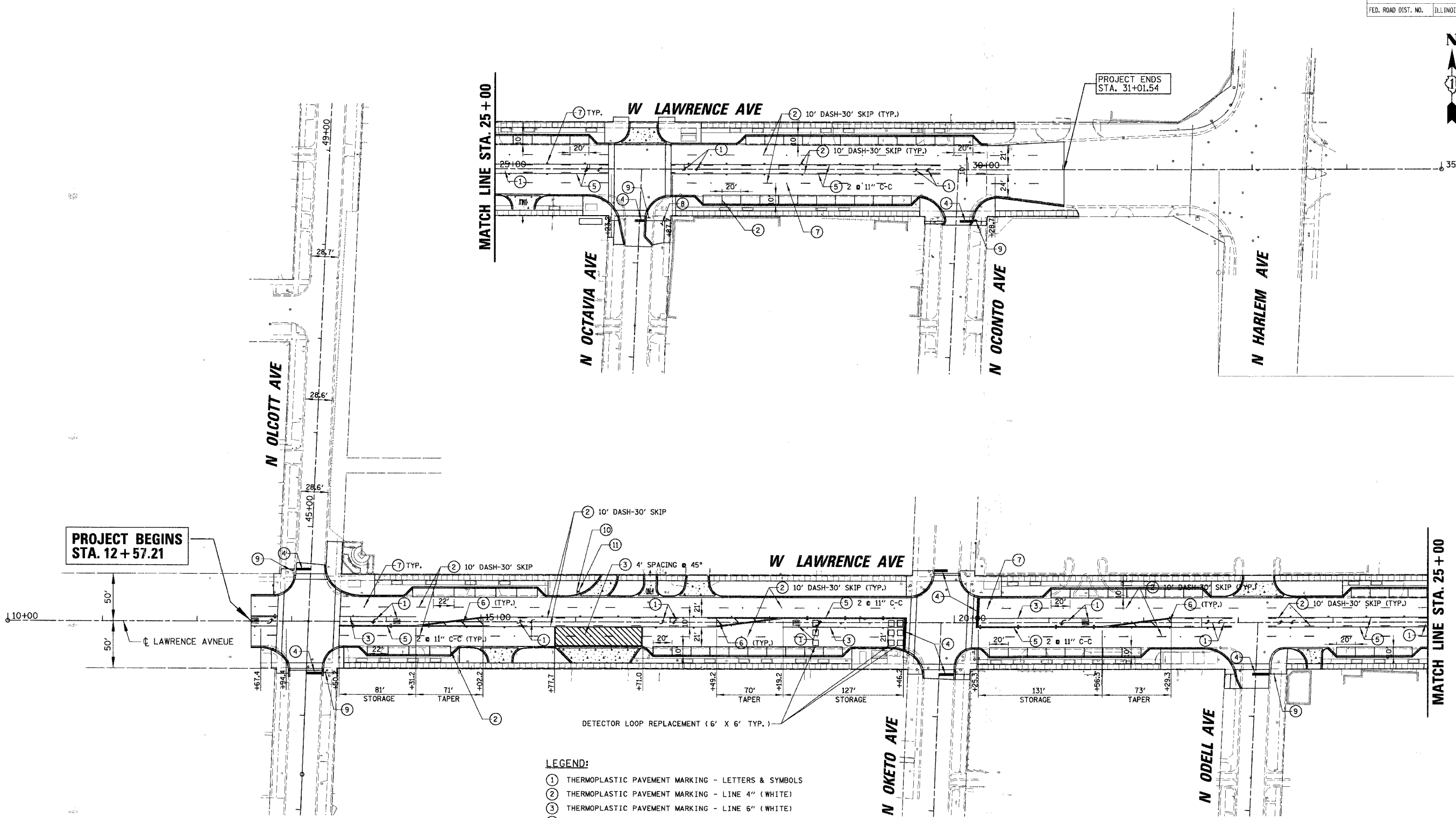
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 DRAWN BY: []
 CHECKED BY: []
 DATE: []

PROF. I.L.C.
 DRAWN BY: []
 CHECKED BY: []
 DATE: []

PLOT DATE = 10/29/2007
 PLOT SCALE = 2" = 40'
 USER NAME = PMAGNELLI



CONTRACT NO. 83905				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	19
STA. 12+00		TO STA. 35+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND:

- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) @ 45°
MINIMUM - 5
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER
- ⑧ HANDICAP PARKING SIGN (R7-B) & (R7-I101)
- ⑨ STOP SIGN (R1-1)
- ⑩ NO LEFT TURN SIGN (R3-2) 30" X 30"
- ⑪ NO RIGHT TURN SIGN (R3-1) 30" X 30"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**LAWRENCE AVENUE
PAVEMENT MARKING
& SIGNING PLAN**

SCALE: VERT. 1" = 10'
HORIZ. 1" = 50'

DATE 10/29/2007

DRAWN BY MH
CHECKED BY LMF

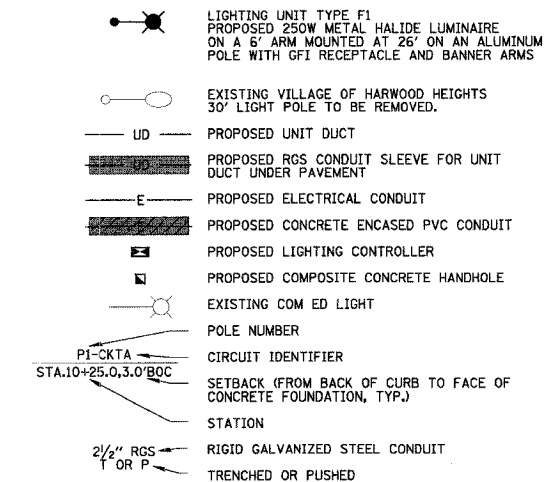
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PLOT SCALE = 1" = 50'
USER NAME = PRAGNELL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LIGHTING GENERAL NOTES

- CAST A GROUND ROD 5/8" IN DIAMETER BY 10 FEET IN 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.
- ALL POLE HANDHOLES SHALL FACE AWAY FROM TRAFFIC.
- UNIT DUCT SHALL BE SCH 40 HDPE WITH WIRE SIZES & QUANTITIES AS SHOWN ON DRAWINGS. UNIT DUCT SHALL BE INSTALLED IN TRENCH UNLESS OTHERWISE NOTED. CONTRACTOR SHALL MAKE SPECIAL NOTE FOR TRENCH BACKFILL REQUIREMENTS.
- 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 "POLE" PAY ITEM.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT FROM THE VILLAGE OF HARWOOD HEIGHTS BEFORE THE START OF WORK.
- ALL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE AND ANY APPLICABLE CODES.
- ALL LIGHT STANDARDS SHALL BE LOCATED 2'-0" BEHIND BACK OF CURB TO FACE OF CONCRETE FOUNDATION, OR AS SHOWN ON PLANS.
- NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- 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.
- BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD UTILITIES CALL COM ED FOR LOCATION APPROVAL.
- NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN APPROVED BY THE OWNER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND LIGHTING CONTROLLER FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER AT THE PRECONSTRUCTION INSPECTION. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGERING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER PRIOR TO STARTING WORK.
- 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 INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO POURING CONCRETE OR BACKFILLING, AS APPLICABLE.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATIONS HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR THE ELECTRICAL SERVICE FOR THE PROPOSED ROADWAY LIGHTING. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR TIMELY NOTIFICATION AND COORDINATION WITH THE ELECTRICAL UTILITY COMPANY.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
- EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
- THE LIGHTING CONTROLLER SHALL BE CONSTRUCTED TO UL STANDARDS 508 AND 508A, AND BEAR THE LABEL "INDUSTRIAL CONTROL PANEL".
- CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.
- ALL DISTURBED AREA WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THE WORK MUST BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
- 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. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS INCLUDING ALL ABOVE AND BELOW GRADE APPURTENANCES. THE CONTRACTOR SHALL REPAIR ALL DAMAGE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

LEGEND



SUMMARY OF QUANTITIES

CODE NO.	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81017510	CONDUIT IN TRENCH, 1" DIA., COILABLE NONMETALIC CONDUIT	FOOT	110
81017520	CONDUIT IN TRENCH, 1 1/2" DIA., COILABLE NONMETALIC CONDUIT	FOOT	2935
81017525	CONDUIT IN TRENCH, 2" DIA., COILABLE NONMETALIC CONDUIT	FOOT	300
81017545	CONDUIT IN TRENCH, 4" DIA., COILABLE NONMETALIC CONDUIT	FOOT	1390
81017555	CONDUIT IN TRENCH, 5" DIA., COILABLE NONMETALIC CONDUIT	FOOT	1740
81018600	CONDUIT PUSHED, 2 1/2" DIA., GALV. STEEL	FOOT	455
81018900	CONDUIT PUSHED, 4" DIA., GALV. STEEL	FOOT	100
81022400	CONDUIT ENCASED IN CONCRETE, 5" DIA., PVC	FOOT	300
81028050	CONDUIT, BORED AND PULLED, COILABLE NONMETALIC CONDUIT, 1 1/2"	FOOT	1100
81028060	CONDUIT, BORED AND PULLED, COILABLE NONMETALIC CONDUIT, 2"	FOOT	100
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	8
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	10605
82500560	LIGHTING CONTROLLER TYPE CB-RCS 200AMP - 480 VOLT	EACH	1
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	360
84200600	REMOVAL OF EXISTING LIGHTING UNIT NO SALVAGE	EACH	6
84200700	LIGHTING FOUNDATION REMOVAL	EACH	6
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1
	LIGHT POLE, COMPLETE IN PLACE, TYPE F1	EACH	45
	UNIT DUCT, 1" SCH 40 WITH 1/C #10, 1/C #10 NEUTRAL, & 1/C #10 GND	FOOT	440
	"UNIT DUCT, WITH 6/C #6, 1/C #6 NEUTRAL, & 1/C #6 GND, 600V (XLP-TYPE USE) IN 1 1/2" DIA. POLYETHYLENE - SCH 40"	FOOT	3550
	"UNIT DUCT, WITH 7/C #6, 2/C #6 NEUTRAL, & 1/C #6 GND, 600V (XLP-TYPE USE) IN 1 1/2" DIA. POLYETHYLENE - SCH 40"	FOOT	1780
	UTILITY MANHOLE	EACH	2

CONDUIT LEGEND

- EMPTY 1" SCH 40 UNIT DUCT
- 1" SCH 40 UNIT DUCT WITH 1/C #10, 1/C #10 NEUTRAL, & 1/C #10 GROUND
- 1 1/2" SCH 40 UNIT DUCT WITH 4/C #6 FOR STREET LIGHTS; 2/C #6 & 1/C #6 NEUTRAL FOR POLE RECEPTACLES; & 1/C #6 GROUND
- 1 1/2" SCH 40 UNIT DUCT WITH 4/C #6 FOR STREET LIGHTS; 2/C #6 & 1/C #6 NEUTRAL FOR POLE RECEPTACLES; 1/C #6 & 1/C #6 NEUTRAL FOR FUTURE SHELTER/SIGN; & 1/C #6 GROUND
- EMPTY 1 1/2" SCH 40 UNIT DUCT

CAUTION

NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND/OR ELEVATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THESE PLANS. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ENGINEER OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS.

REVISIONS	
NAME	DATE

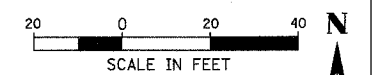
ILLINOIS DEPARTMENT OF TRANSPORTATION

**LIGHTING GENERAL NOTES
LAWRENCE AVENUE**

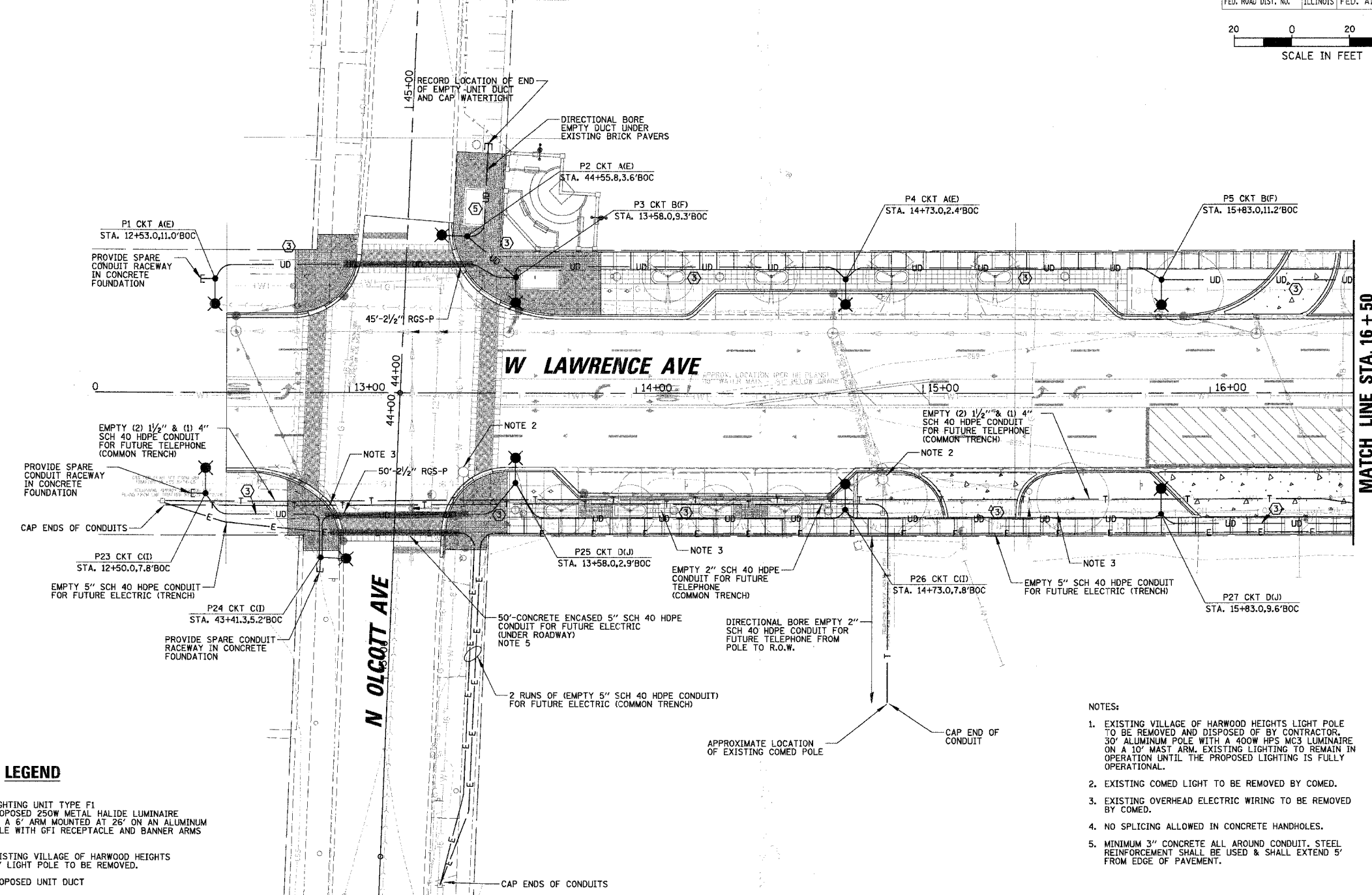
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HORIZ. N.T.S.
DATE 10/29/2007

DRAWN BY AJD
CHECKED BY JPC

CONTRACT NO. 83905			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
1362	06-00047-00-LS	COOK	59
STA. 12+50	TO STA. 16+50		21
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



MATCH LINE THIS SHEET



MATCH LINE STA. 16 + 50

CONDUIT LEGEND

- ① EMPTY 1" SCH 40 UNIT DUCT
- ② 1" SCH 40 UNIT DUCT WITH 1/C #10, 1/C #10 NEUTRAL, & 1/C #10 GROUND
- ③ 1/2" SCH 40 UNIT DUCT WITH 4/C #6 FOR STREET LIGHTS; 2/C #6 & 1/C #6 NEUTRAL FOR POLE RECEPTACLES; & 1/C #6 GROUND
- ④ 1/2" SCH 40 UNIT DUCT WITH 4/C #6 FOR STREET LIGHTS; 2/C #6 & 1/C #6 NEUTRAL FOR POLE RECEPTACLES; 1/C #6 & 1/C #6 NEUTRAL FOR FUTURE SHELTER/SIGN; & 1/C #6 GROUND
- ⑤ EMPTY 1/2" SCH 40 UNIT DUCT

LEGEND

- LIGHTING UNIT TYPE F1 PROPOSED 250W METAL HALIDE LUMINAIRE ON A 6' ARM MOUNTED AT 26' ON AN ALUMINUM POLE WITH GFI RECEPTACLE AND BANNER ARMS
- EXISTING VILLAGE OF HARWOOD HEIGHTS 30' LIGHT POLE TO BE REMOVED.
- UD — PROPOSED UNIT DUCT
- RGS-P — PROPOSED RGS CONDUIT SLEEVE FOR UNIT DUCT UNDER PAVEMENT
- E — PROPOSED ELECTRICAL CONDUIT
- PVC — PROPOSED CONCRETE ENCASED PVC CONDUIT
- PROPOSED LIGHTING CONTROLLER
- PROPOSED COMPOSITE CONCRETE HANDHOLE
- EXISTING COM ED LIGHT
- POLE NUMBER
- PI-CKTA — CIRCUIT IDENTIFIER
- SETBACK (FROM BACK OF CURB TO FACE OF CONCRETE FOUNDATION, TYP.)
- STATION
- 2 1/2" RGS — RIGID GALVANIZED STEEL CONDUIT
- T OR P — TRENCHED OR PUSHED

NOTES:

1. EXISTING VILLAGE OF HARWOOD HEIGHTS LIGHT POLE TO BE REMOVED AND DISPOSED OF BY CONTRACTOR. 30' ALUMINUM POLE WITH A 400W HPS MC3 LUMINAIRE ON A 10' MAST ARM, EXISTING LIGHTING TO REMAIN IN OPERATION UNTIL THE PROPOSED LIGHTING IS FULLY OPERATIONAL.
2. EXISTING COMED LIGHT TO BE REMOVED BY COMED.
3. EXISTING OVERHEAD ELECTRIC WIRING TO BE REMOVED BY COMED.
4. NO SPLICING ALLOWED IN CONCRETE HANDHOLES.
5. MINIMUM 3" CONCRETE ALL AROUND CONDUIT. STEEL REINFORCEMENT SHALL BE USED & SHALL EXTEND 5' FROM EDGE OF PAVEMENT.

CAUTION
NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND/OR ELEVATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THESE PLANS. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ENGINEER OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
LAWRENCE AVENUE
STA. 12 + 50 TO STA. 16 + 50

SCALE: VERT. _____
HORIZ. 20'
DATE 10/29/2007

DRAWN BY AJD
CHECKED BY JPC

PLOT DATE = 10/29/2007
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 USER = PANGNELL

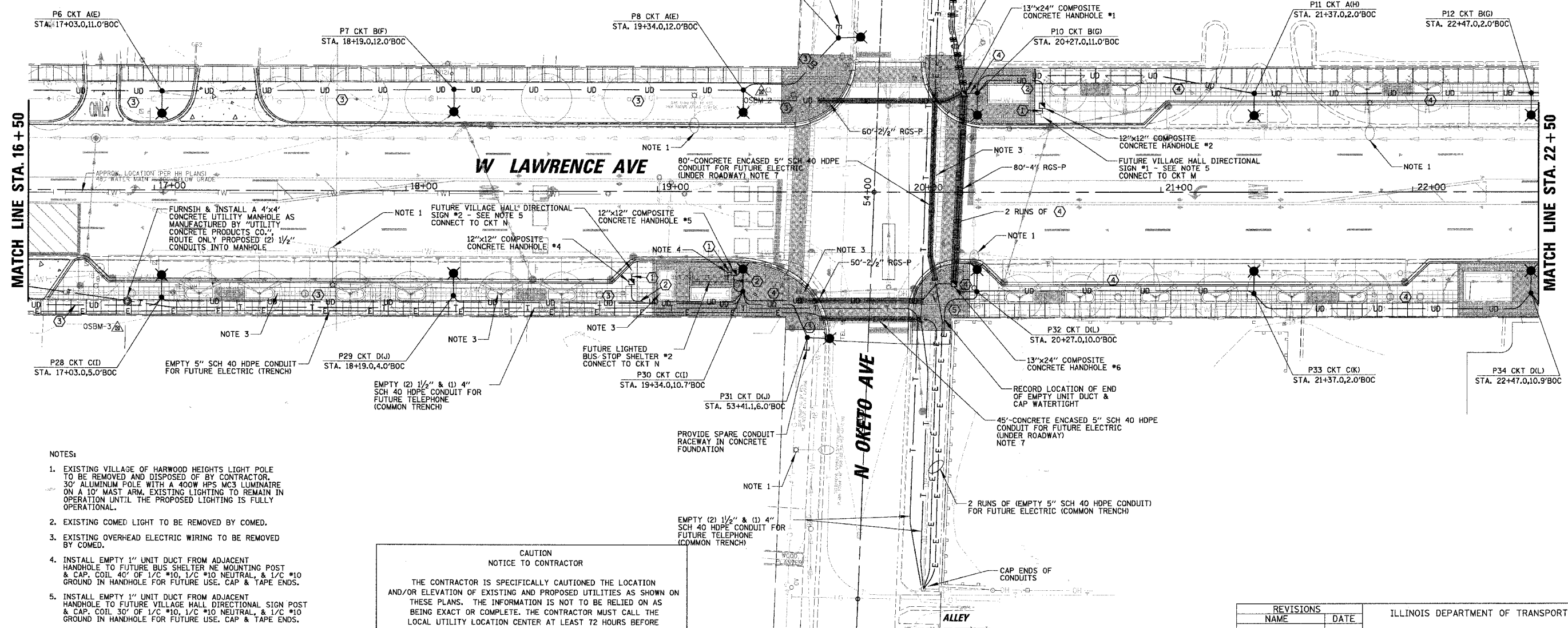
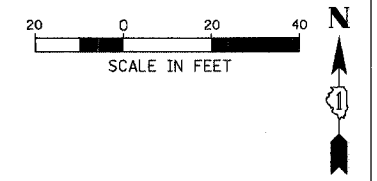
CONTRACT NO. 83905				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
136Z	06-0047-00-1S	COOK	59	22
STA. 16+50		TO STA. 22+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONDUIT LEGEND

- ① EMPTY 1" SCH 40 UNIT DUCT
- ② 1" SCH 40 UNIT DUCT WITH 1/C #10, 1/C #10 NEUTRAL, & 1/C #10 GROUND
- ③ 1 1/2" SCH 40 UNIT DUCT WITH 4/C #6 FOR STREET LIGHTS; 2/C #6 & 1/C #6 NEUTRAL FOR POLE RECEPTACLES; & 1/C #6 GROUND
- ④ 1 1/2" SCH 40 UNIT DUCT WITH 4/C #6 FOR STREET LIGHTS; 2/C #6 & 1/C #6 NEUTRAL FOR POLE RECEPTACLES; 1/C #6 & 1/C #6 NEUTRAL FOR FUTURE SHELTER/SIGN; & 1/C #6 GROUND
- ⑤ EMPTY 1 1/2" SCH 40 UNIT DUCT

LEGEND

- ⬤ LIGHTING UNIT TYPE F1 PROPOSED 250W METAL HALIDE LUMINAIRE ON A 6' ARM MOUNTED AT 26' ON AN ALUMINUM POLE WITH GFI RECEPTACLE AND BANNER ARMS
- EXISTING VILLAGE OF HARWOOD HEIGHTS 30' LIGHT POLE TO BE REMOVED.
- UD — PROPOSED UNIT DUCT
- RGS — PROPOSED RGS CONDUIT SLEEVE FOR UNIT DUCT UNDER PAVEMENT
- E — PROPOSED ELECTRICAL CONDUIT
- PVC — PROPOSED CONCRETE ENCASED PVC CONDUIT
- ⊞ PROPOSED LIGHTING CONTROLLER
- ⊞ PROPOSED COMPOSITE CONCRETE HANDHOLE
- ⊙ EXISTING COM ED LIGHT
- POLE NUMBER
- ⤴ CIRCUIT IDENTIFIER
- ⤴ SETBACK (FROM BACK OF CURB TO FACE OF CONCRETE FOUNDATION, TYP.)
- ⤴ STATION
- ⤴ 2 1/2" RGS T OR P — RIGID GALVANIZED STEEL CONDUIT TRENCHED OR PUSHED



- NOTES:**
- EXISTING VILLAGE OF HARWOOD HEIGHTS LIGHT POLE TO BE REMOVED AND DISPOSED OF BY CONTRACTOR. 30' ALUMINUM POLE WITH A 400W HPS MC3 LUMINAIRE ON A 10' MAST ARM. EXISTING LIGHTING TO REMAIN IN OPERATION UNTIL THE PROPOSED LIGHTING IS FULLY OPERATIONAL.
 - EXISTING COMED LIGHT TO BE REMOVED BY COMED.
 - EXISTING OVERHEAD ELECTRIC WIRING TO BE REMOVED BY COMED.
 - INSTALL EMPTY 1" UNIT DUCT FROM ADJACENT HANDHOLE TO FUTURE BUS SHELTER NE MOUNTING POST & CAP. COIL 40' OF 1/C #10, 1/C #10 NEUTRAL, & 1/C #10 GROUND IN HANDHOLE FOR FUTURE USE. CAP & TAPE ENDS.
 - INSTALL EMPTY 1" UNIT DUCT FROM ADJACENT HANDHOLE TO FUTURE VILLAGE HALL DIRECTIONAL SIGN POST & CAP. COIL 30' OF 1/C #10, 1/C #10 NEUTRAL, & 1/C #10 GROUND IN HANDHOLE FOR FUTURE USE. CAP & TAPE ENDS.
 - NO SPLICING ALLOWED IN CONCRETE HANDHOLES.
 - MINIMUM 3" CONCRETE ALL AROUND CONDUIT. STEEL REINFORCEMENT SHALL BE USED & SHALL EXTEND 5' FROM EDGE OF PAVEMENT.

CAUTION
NOTICE TO CONTRACTOR

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REVISIONS	
NAME	DATE

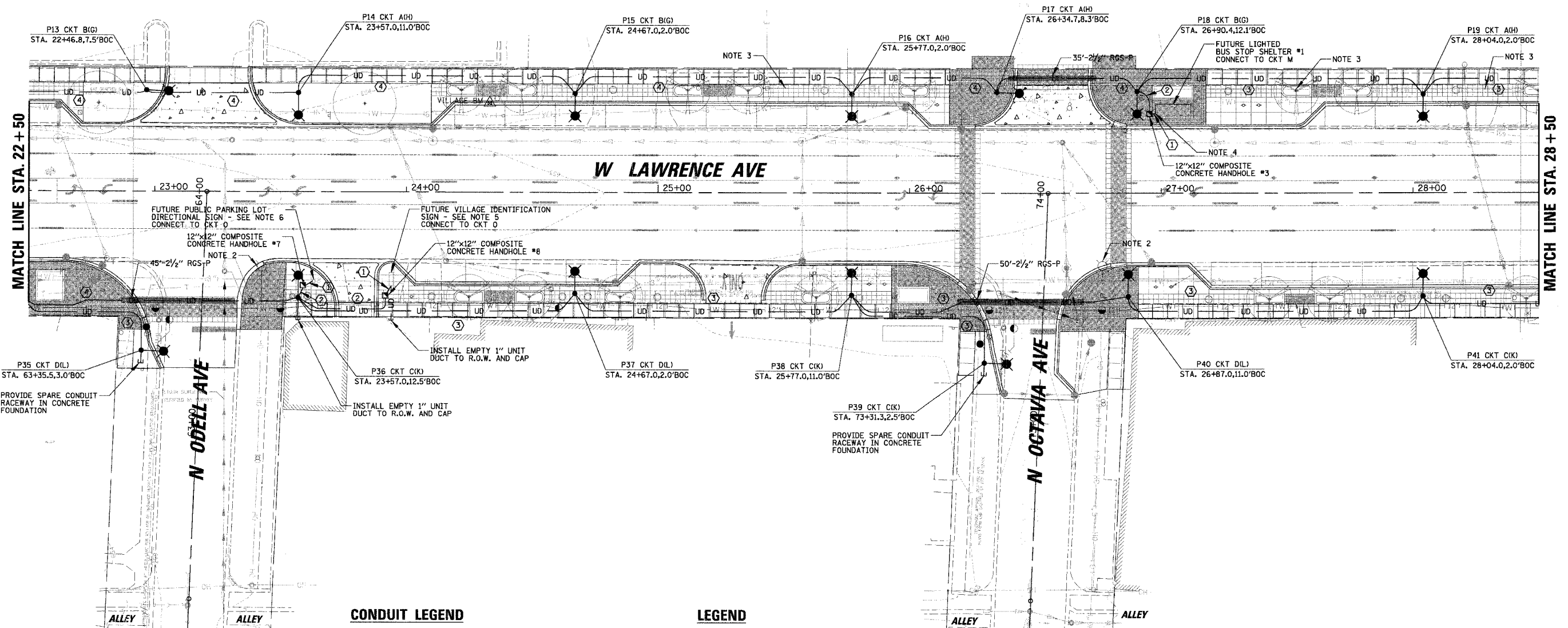
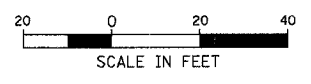
ILLINOIS DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
LAWRENCE AVENUE
STA. 16 + 50 TO STA. 22 + 50

SCALE: VERT. _____
HORIZ. 20'
DATE 10/29/2007

DRAWN BY AJD
CHECKED BY JPC

PLOT DATE = 10/29/2007
 FILE NAME = N:\HW\0047\LIGHTS\06279\Match\06279LightPlan22.plt
 PLOT NAME = P1362222
 USER = PFRANKNELL



CONDUIT LEGEND

- ① EMPTY 1" SCH 40 UNIT DUCT
- ② 1" SCH 40 UNIT DUCT WITH 1/C #10, 1/C #10 NEUTRAL, & 1/C #10 GROUND
- ③ 1/2" SCH 40 UNIT DUCT WITH 4/C #6 FOR STREET LIGHTS; 2/C #6 & 1/C #6 NEUTRAL FOR POLE RECEPTACLES; & 1/C #6 GROUND
- ④ 1/2" SCH 40 UNIT DUCT WITH 4/C #6 FOR STREET LIGHTS; 2/C #6 & 1/C #6 NEUTRAL FOR POLE RECEPTACLES; 1/C #6 & 1/C #6 NEUTRAL FOR FUTURE SHELTER/SIGN; & 1/C #6 GROUND
- ⑤ EMPTY 1/2" SCH 40 UNIT DUCT

LEGEND

- LIGHTING UNIT TYPE F1 PROPOSED 250W METAL HALIDE LUMINAIRE ON A 6' ARM MOUNTED AT 26' ON AN ALUMINUM POLE WITH GF1 RECEPTACLE AND BANNER ARMS
- EXISTING VILLAGE OF HARWOOD HEIGHTS 30' LIGHT POLE TO BE REMOVED.
- UD — PROPOSED UNIT DUCT
- ▬ PROPOSED RGS CONDUIT SLEEVE FOR UNIT DUCT UNDER PAVEMENT
- E — PROPOSED ELECTRICAL CONDUIT
- ▬ PROPOSED CONCRETE ENCASED PVC CONDUIT
- PROPOSED LIGHTING CONTROLLER
- PROPOSED COMPOSITE CONCRETE HANDHOLE
- EXISTING COM ED LIGHT
- POLE NUMBER
- PI-CKTA — CIRCUIT IDENTIFIER
- SETBACK (FROM BACK OF CURB TO FACE OF CONCRETE FOUNDATION, TYP.) — STATION
- 2 1/2" RGS — RIGID GALVANIZED STEEL CONDUIT
- T OR P — TRENCHED OR PUSHED

NOTES:

1. EXISTING VILLAGE OF HARWOOD HEIGHTS LIGHT POLE TO BE REMOVED AND DISPOSED OF BY CONTRACTOR. 30' ALUMINUM POLE WITH A 400W HPS MCS LUMINAIRE ON A 10' MAST ARM, EXISTING LIGHTING TO REMAIN IN OPERATION UNTIL THE PROPOSED LIGHTING IS FULLY OPERATIONAL.
2. EXISTING COMED LIGHT TO BE REMOVED BY COMED.
3. EXISTING OVERHEAD ELECTRIC WIRING TO BE REMOVED BY COMED.
4. INSTALL EMPTY 1" UNIT DUCT FROM ADJACENT HANDHOLE TO FUTURE BUS SHELTER SW MOUNTING POST & CAP. COIL 40' OF 1/C #10, 1/C #10 NEUTRAL, & 1/C #10 GROUND IN HANDHOLE FOR FUTURE USE. CAP & TAPE ENDS.
5. INSTALL EMPTY 1" UNIT DUCT FROM ADJACENT HANDHOLE TO FUTURE VILLAGE IDENTIFICATION SIGN POST & CAP. COIL 40' OF 1/C #10, 1/C #10 NEUTRAL, & 1/C #10 GROUND IN HANDHOLE FOR FUTURE USE. CAP & TAPE ENDS.
6. INSTALL EMPTY 1" UNIT DUCT FROM ADJACENT HANDHOLE TO FUTURE PUBLIC PARKING LOT DIRECTIONAL SIGN POST & CAP. COIL 30' OF 1/C #10, 1/C #10 NEUTRAL, & 1/C #10 GROUND IN HANDHOLE FOR FUTURE USE. CAP & TAPE ENDS.
7. NO SPLICING ALLOWED IN CONCRETE HANDHOLES.

**CAUTION
NOTICE TO CONTRACTOR**

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REVISIONS	
NAME	DATE

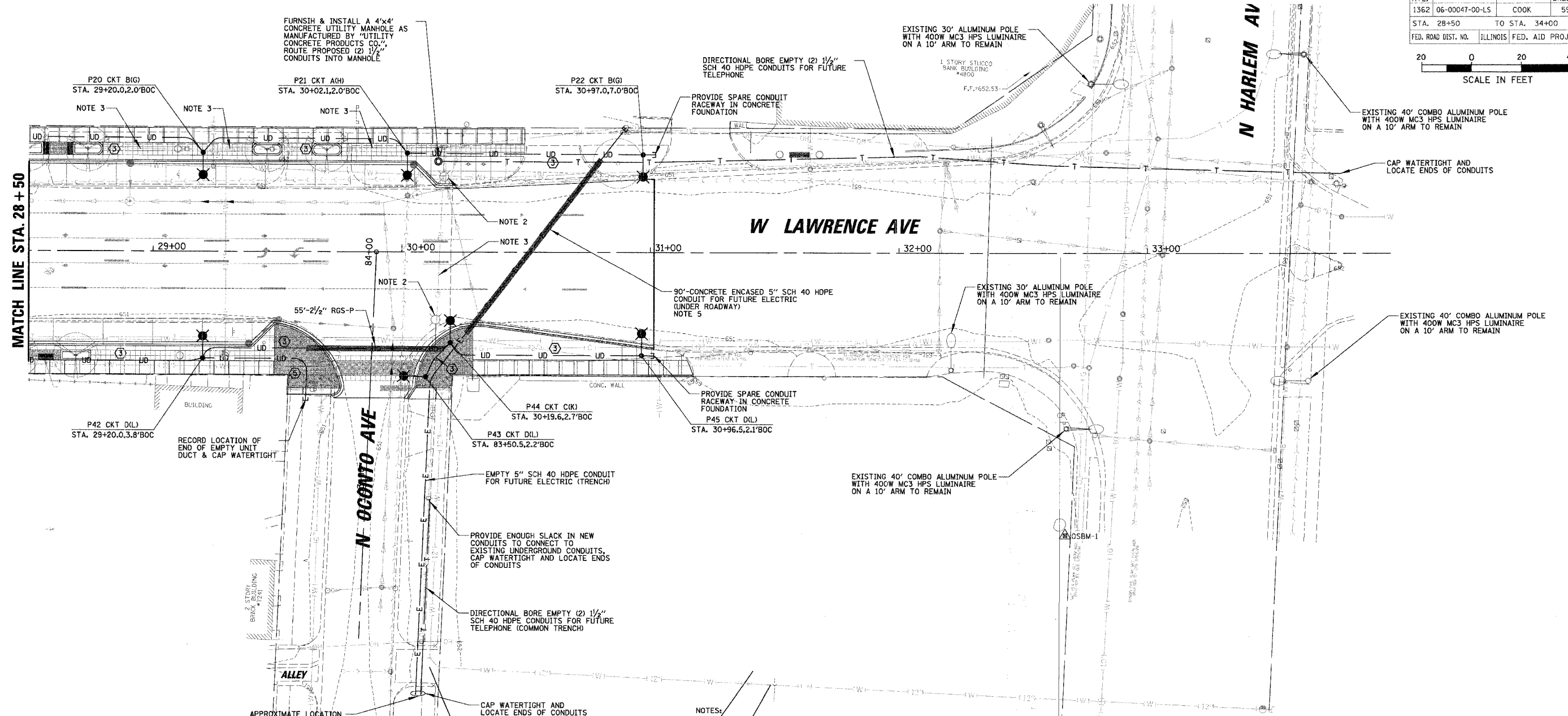
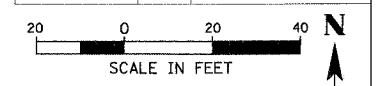
ILLINOIS DEPARTMENT OF TRANSPORTATION

**LIGHTING PLAN
LAWRENCE AVENUE
STA. 22 + 50 TO STA. 28 + 50**

SCALE: VERT. _____
 HORIZ. 20'
 DATE 10/29/2007

DRAWN BY AJD
 CHECKED BY JPC

PLOT DATE = 10/29/2007
 FILE NAME = N:\HARWOODHEIGHTS\06275\Work\86275\LightPlan3.lgt
 USER NAME = PFRAGNELL



- CONDUIT LEGEND**
- ① EMPTY 1" SCH 40 UNIT DUCT
 - ② 1" SCH 40 UNIT DUCT WITH 1/C #10, 1/C #10 NEUTRAL, & 1/C #10 GROUND
 - ③ 1 1/2" SCH 40 UNIT DUCT WITH 4/C #6 FOR STREET LIGHTS, 2/C #6 & 1/C #6 NEUTRAL FOR POLE RECEPTACLES, & 1/C #6 GROUND
 - ④ 1 1/2" SCH 40 UNIT DUCT WITH 4/C #6 FOR STREET LIGHTS, 2/C #6 & 1/C #6 NEUTRAL FOR POLE RECEPTACLES, 1/C #6 & 1/C #6 NEUTRAL FOR FUTURE SHELTER/SIGN, & 1/C #6 GROUND
 - ⑤ EMPTY 1 1/2" SCH 40 UNIT DUCT

- LEGEND**
- LIGHTING UNIT TYPE F1 PROPOSED 250W METAL HALIDE LUMINAIRE ON A 6' ARM MOUNTED AT 26' ON AN ALUMINUM POLE WITH GFI RECEPTACLE AND BANNER ARMS
 - EXISTING VILLAGE OF HARWOOD HEIGHTS 30' LIGHT POLE TO BE REMOVED.
 - UD — PROPOSED UNIT DUCT
 - E — PROPOSED ELECTRICAL CONDUIT
 - PROPOSED CONCRETE ENCASED PVC CONDUIT
 - PROPOSED LIGHTING CONTROLLER
 - PROPOSED COMPOSITE CONCRETE HANDHOLE
 - EXISTING COM ED LIGHT
 - POLE NUMBER
 - PI-DKTA → CIRCUIT IDENTIFIER
STA.10+25.0,3.0'BOC
 - STATION
 - 2 1/2" RGS → RIGID GALVANIZED STEEL CONDUIT
T OR P → TRENCHED OR PUSHED

- NOTES:**
1. EXISTING VILLAGE OF HARWOOD HEIGHTS LIGHT POLE TO BE REMOVED AND DISPOSED OF BY CONTRACTOR. 30' ALUMINUM POLE WITH A 400W HPS MC3 LUMINAIRE ON A 10' MAST ARM. EXISTING LIGHTING TO REMAIN IN OPERATION UNTIL THE PROPOSED LIGHTING IS FULLY OPERATIONAL.
 2. EXISTING COMED LIGHT TO BE REMOVED BY COMED.
 3. EXISTING OVERHEAD ELECTRIC WIRING TO BE REMOVED BY COMED.
 4. NO SPLICING ALLOWED IN CONCRETE HANDHOLES.
 5. MINIMUM 3" CONCRETE ALL AROUND CONDUIT. STEEL REINFORCEMENT SHALL BE USED & SHALL EXTEND 5' FROM EDGE OF PAVEMENT.

CAUTION
 NOTICE TO CONTRACTOR

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
LAWRENCE AVENUE
STA. 28+50 TO STA. 34+00

SCALE: VERT. 20'
 HORIZ. 20'
 DATE 10/29/2007

DRAWN BY AJD
 CHECKED BY JPC

PLOT DATE = 10/29/2007
 FILE NAME = N:\HW\00047\LIGHTS\0627\N\0627\LightPlan4.dwg
 USER NAME = PPKAGNELL

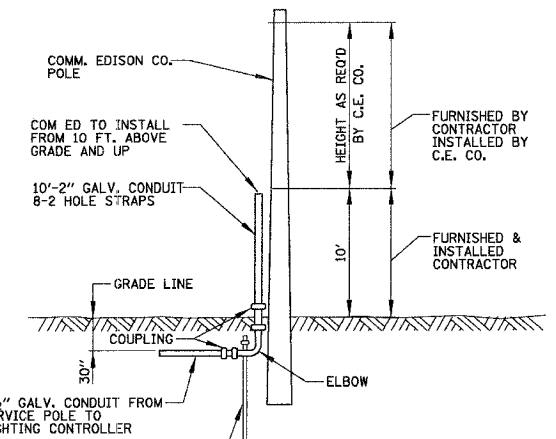
ITEM	SPECIFICATION	MANUFACTURER/MODEL NO. OR EQUAL
1 MAIN CIRCUIT BREAKER	200 AMPERE, 2P, 240 V RATING, 22K AIC	SIEMENS NO. FD62B200
2 LAMPHOLDER CIRCUIT BREAKER	20 AMPERE, 1P, 120 V RATING, 22K AIC	SIEMENS NO. ED41B020
3 PHOTOELECTRIC CONTROL CIRCUIT BREAKER	15 AMPERE, 1P, 120 V RATING, 22K AIC	SIEMENS NO. ED41B015
4 AUXILIARY RELAY	120 V OPERATED SPST 60 HZ COIL 600V NORMALLY OPEN CONTACTS	MAGNECRAFT NO. W389ACX-9
5 CABINET RECEPTACLE AND BOX	COMMERCIAL GRADE GFCI 20A/120V, MOUNTED IN A WEATHERPROOF CAST ALUMINUM SINGLE GANG BOX WITH WEATHERPROOF COVER	RECEPTACLE: LEVITON NO. 8899, BOX: APPLETON NO. WSM150 COVER: APPLETON NO. WH61
6 CABINET LIGHT AND BOX	120V WEATHERPROOF LAMPHOLDER MOUNTED IN A CAST ALUMINUM BOX & EXT. GRADE 100W LAMP	LIGHT & BOX: RAB NO. VX100DG
7 CONTACTOR	200 AMPERE, 2 POLE, 120 V COIL, MECH HELD	SQUARE D NO. 8903 SVO 10 V02
8 BRANCH LINE CIRCUIT BREAKERS	9- 30 AMPERE, 2 P, 240 V RATING, 22K AIC	SIEMENS NO. ED42B030
9 POWER DISTRIBUTION BLOCK	600 VOLT, INSULATED, SIZE AS REQUIRED	MARATHON
10 SERVICE CABLES	3-600V (XLP-TYPE USE) NO. 3/0	N/A
11 LAMPHOLDER WIRE	2-600V XLP NO. 12	N/A
12 CONTROL WIRE	2-600V XLP NO. 12	N/A
13 SURGE ARRESTOR	10 K AMPERE RATING	SQUARE D NO. SDSA 1175
14 PHOTOELECTRIC CONTROL WIRE	3-600V XLP NO. 12	3-600V XLP NO. 12
15 DOOR SWITCH	20A/120V, DOOR MOUNTED SNAP ACTION TYPE PLUNGER SWITCH	OMRON NO. A-20GQ-K
16 HAND-AUTO-OFF CONTROL SWITCH	20 A, 3 POS. MTD IN CAST ALUM. ENCLOSURE	SQUARE D NO. 9001 KYK 111
17 PHOTOCELL	120V, MTD. ON CABINET, DELAY TYPE, SPST-NC	FISHER PIERCE NO. FPFA-105
18 BREAKERS FOR FUTURE SIGNS AND BUS SHELTER	4- 20 AMPERE, 1 P, 120 V RATING, 22K AIC	SIEMENS NO. ED41B020

NOTES:

- ALL ITEMS LISTED IN LIGHTING CONTROLLER COMPONENT SCHEDULE SHALL BE CONSIDERED INCIDENTAL TO THE PRICE BID FOR "STREET LIGHTING CONTROLLER" INCLUDING CABINET AND FOUNDATION.
- THE LIGHTING CONTROLLER TOGETHER WITH ALL OF ITS COMPONENTS SHALL BE UL LISTED AS AN "ENCLOSED INDUSTRIAL CONTROL PANEL" UNDER UL508A.
- LIGHTING & RECEPTACLE CIRCUITS A THRU L OPERATE FROM DUSK TO DAWN. CIRCUITS M, N & O FOR FUTURE SIGNS AND BUS STOP SHELTERS ARE ALWAYS ON.

LIGHTING CONTROLLER COMPONENT SCHEDULE

CIRCUIT ID	250W LUMINAIRE		POLE MOUNTED RECEPTACLE		FUTURE SIGN/BUS SHELTER	TOTAL CIRCUIT LOAD (WATTS)
	QUANTITY	LOAD/POLE (WATTS)	QUANTITY	LOAD/POLE (WATTS)		
A	11	291W	-	180W	-	3201 W
B	11	291W	-	180W	-	3201 W
C	11	291W	-	180W	-	3201 W
D	12	291W	-	180W	-	3492 W
E	-	291W	5	180W	-	900 W
F	-	291W	4	180W	-	720 W
G	-	291W	7	180W	-	1260 W
H	-	291W	6	180W	-	1080 W
I	-	291W	5	180W	-	900 W
J	-	291W	4	180W	-	720 W
K	-	291W	6	180W	-	1080 W
L	-	291W	8	180W	-	1440 W
M	-	291W	-	180W	340 W	340 W
N	-	291W	-	180W	340 W	340 W
O	-	291W	-	180W	860 W	860 W
TOTAL	45	N/A	45	N/A	N/A	22.7 KW

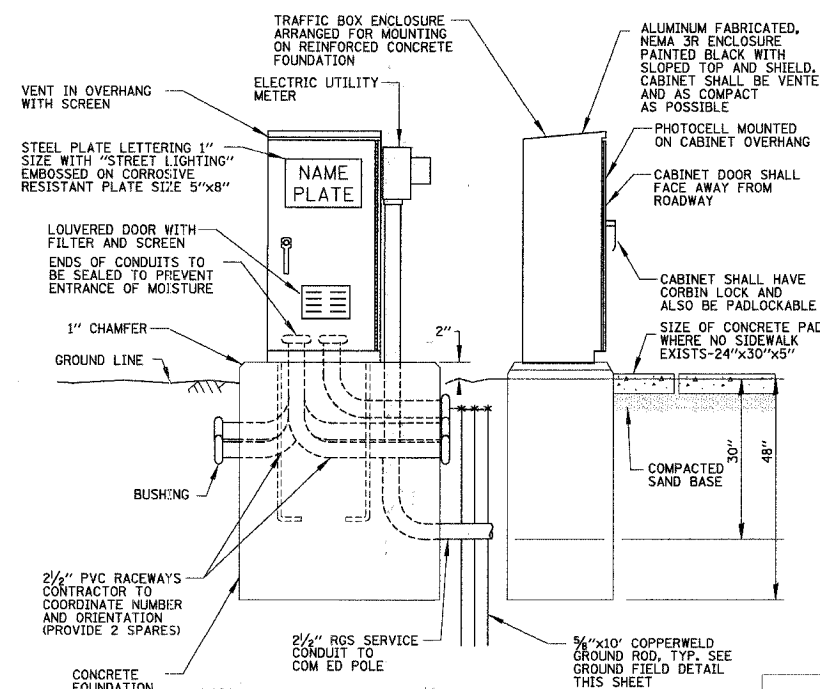


- NOTES:
- SEE COM ED BOOK OF INFORMATION AND REQUIREMENTS FOR THE SUPPLY OF ELECTRIC SERVICE
 - ALL MATERIAL ABOVE EXCEPT FOR POLE SHALL BE INCLUDED IN THE PRICE BID FOR "ELECTRIC SERVICE INSTALLATION" INCLUDING ANY UTILITY CONNECTION FEES.

COM ED OVERHEAD CONNECTION POLE

N.T.S.

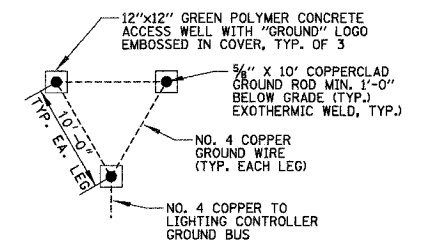
LIGHTING CONTROLLER CIRCUIT WATTAGE LOADS



NOTE: ALL ITEMS SHOWN ABOVE INCLUDING FOUNDATION SHALL BE INCLUDED IN THE PRICE BID FOR "STREET LIGHTING CONTROLLER", EXCEPT FOR THE SERVICE CONDUIT WHICH WILL BE PAID FOR SEPARATELY.

PROPOSED LIGHTING CONTROLLER CABINET AND FOUNDATION

N.T.S.



GROUND FIELD DETAIL (TYP.)

N.T.S.

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

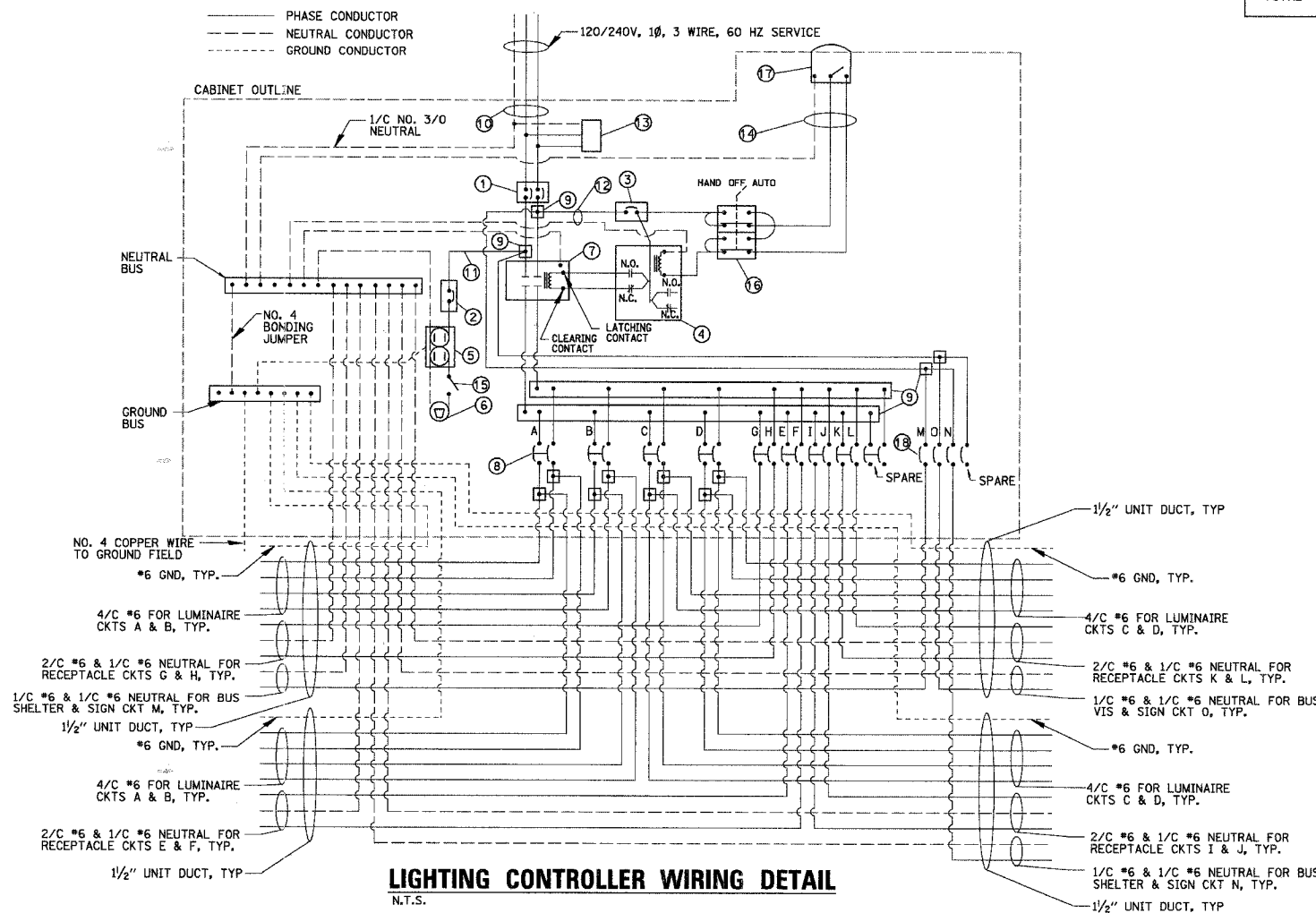
LIGHTING DETAILS - 1 LAWRENCE AVENUE

SCALE: VERT. N.T.S. HORIZ. N.T.S.
 DATE: 10/29/2007
 DRAWN BY: AJD
 CHECKED BY: JPC

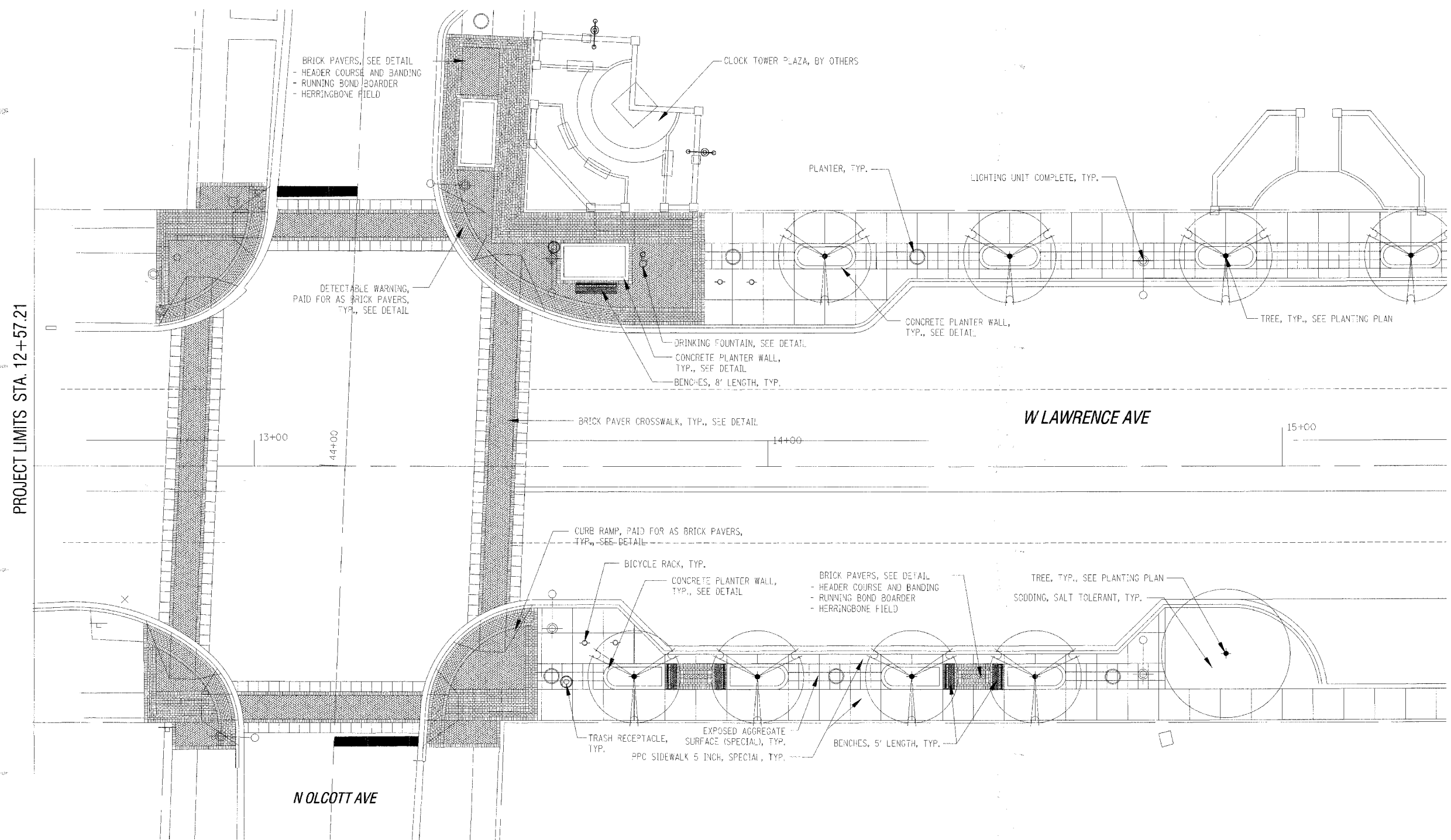
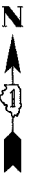
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 USER: JPC
 PLOTTER: HPGL

LIGHTING CONTROLLER WIRING DETAIL

N.T.S.



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	28
STA. 12+57.21		TO STA. 15+32.04		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



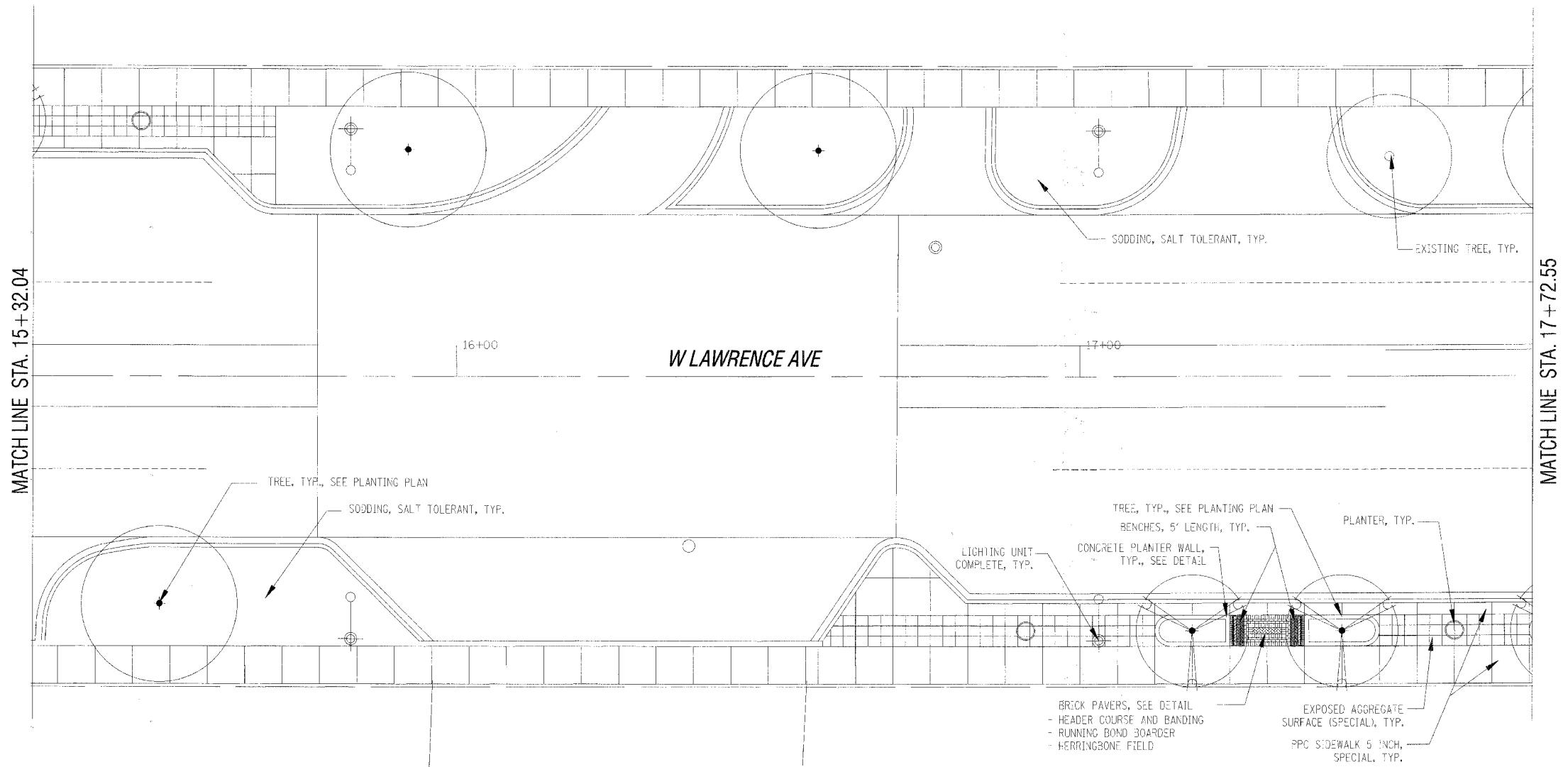
PROJECT LIMITS STA. 12+57.21

MATCH LINE STA. 15+32.04

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FILE NAME =
PLOT SCALE =
USER NAME =

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		STREETSCAPE AND LANDSCAPE PLAN LAWRENCE AVENUE STA. 12+57.21 TO STA. 15+32.04
SCALE: VERT. 1"=10' HORIZ. 1"=10'		DRAWN BY ERK CHECKED BY JDS
DATE 1/08/07		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-0047-00-LS	COOK	59	29
STA. 15+32.04		TO STA. 17+72.55		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



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FILE NAME =
PLOT SCALE =
USER NAME =

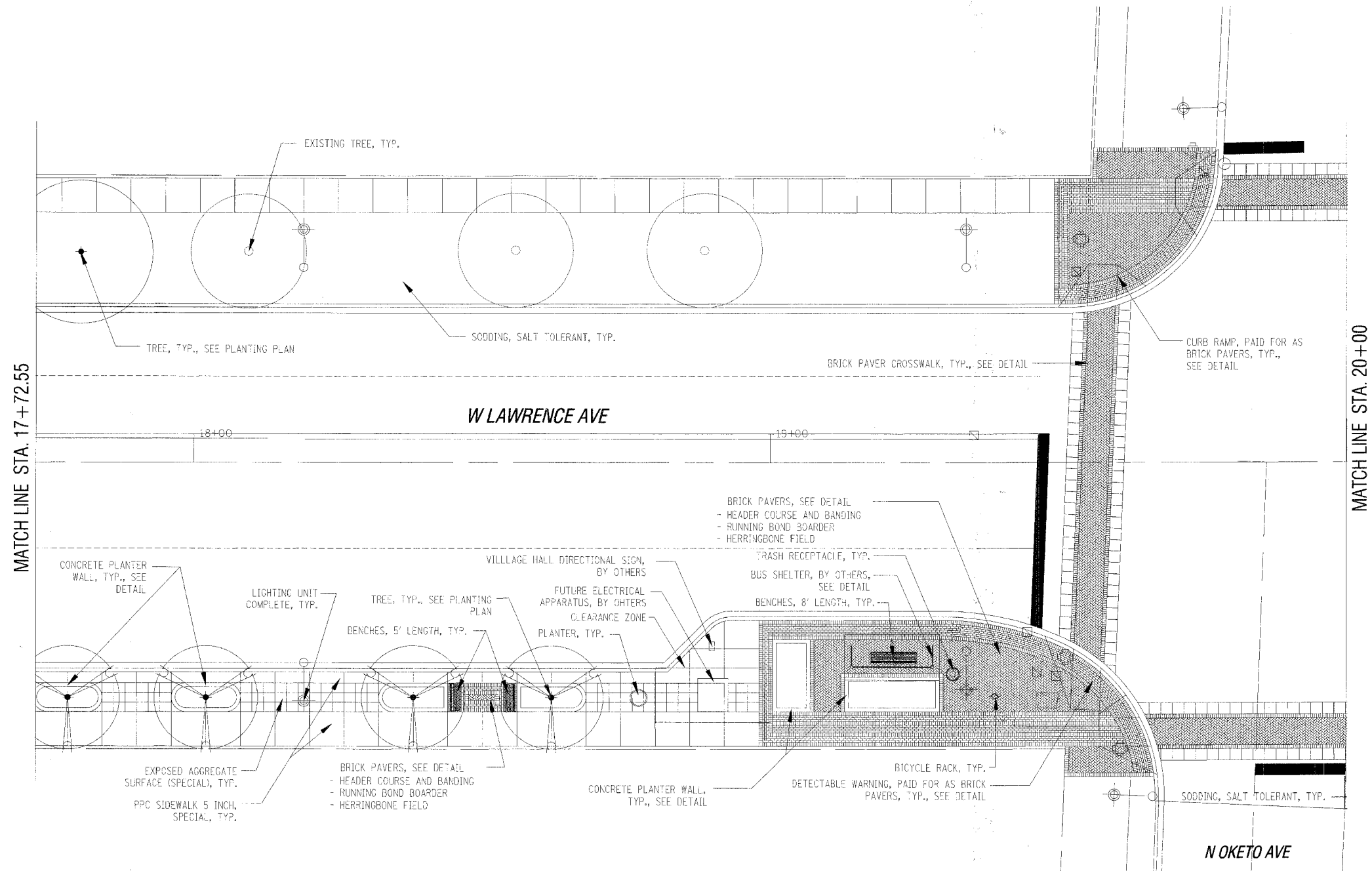
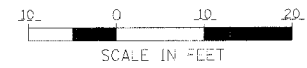
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STREETSCAPE AND LANDSCAPE PLAN
LAWRENCE AVENUE
STA. 15+32.04 TO STA. 17+72.55

SCALE: VERT. 1"=10'
 HORIZ. 1"=10'
 DATE 1/08/07

DRAWN BY ERK
 CHECKED BY JDS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	30
STA. 17+72.55		TO STA. 20+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLOT DATE =
FILE NAME =
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STREETSCAPE AND LANDSCAPE PLAN

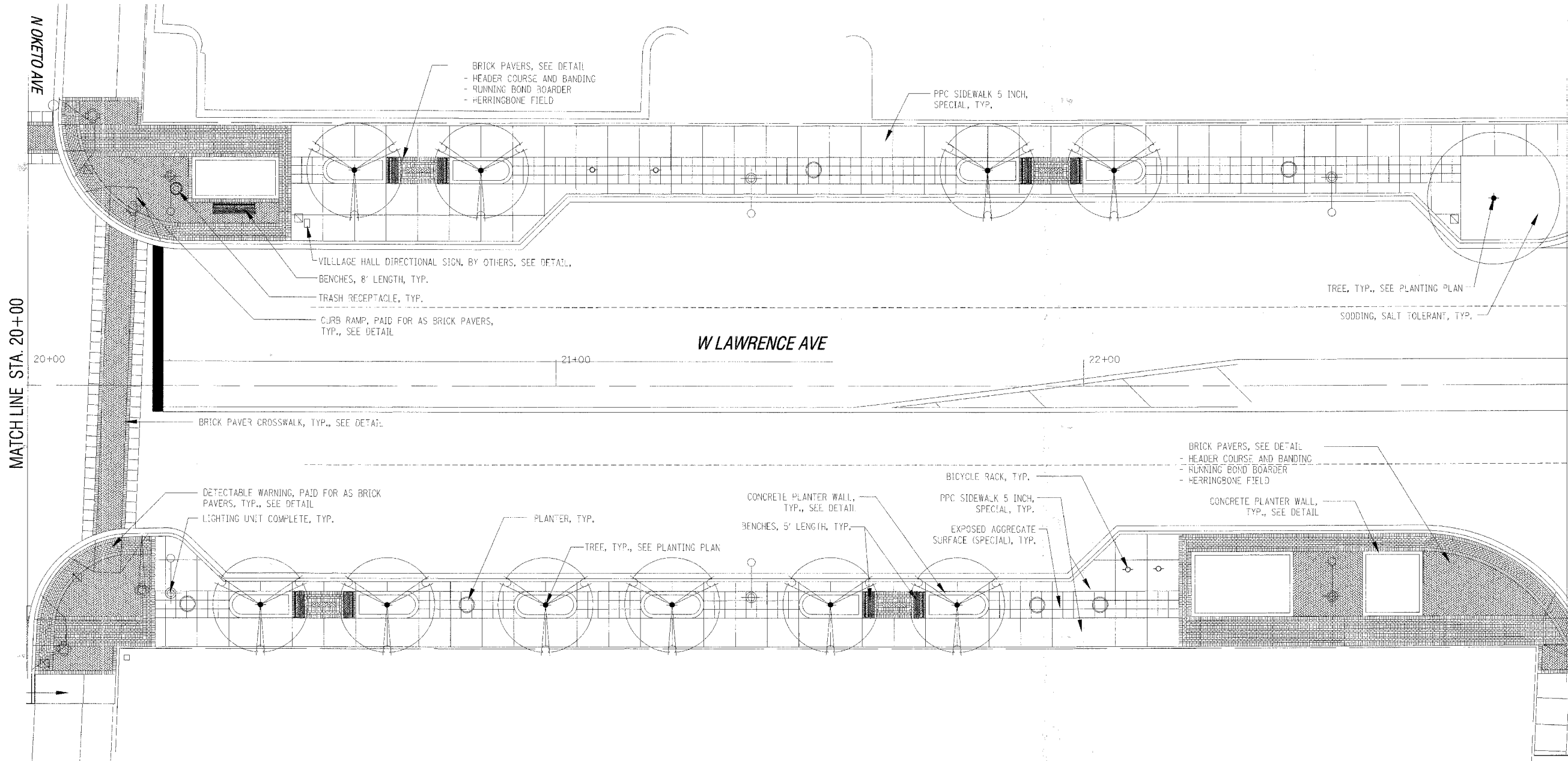
LAWRENCE AVENUE

STA. 17+72.55 TO STA. 20+00

SCALE: VERT. 1"=10'
HORIZ. 1"=10'
DATE 1/08/07

DRAWN BY ERK
CHECKED BY JDS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00041-00-LS	COOK	59	31
STA. 20+00		TO STA. 22+91.49		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 20+00

MATCH LINE STA. 22+91.49

W LAWRENCE AVE

PLOT DATE =
 FILE NAME =
 PLOT SCALE =
 USER NAME =

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STREETSCAPE AND LANDSCAPE PLAN

LAWRENCE AVENUE

STA. 20+00 TO STA. 22+91.49

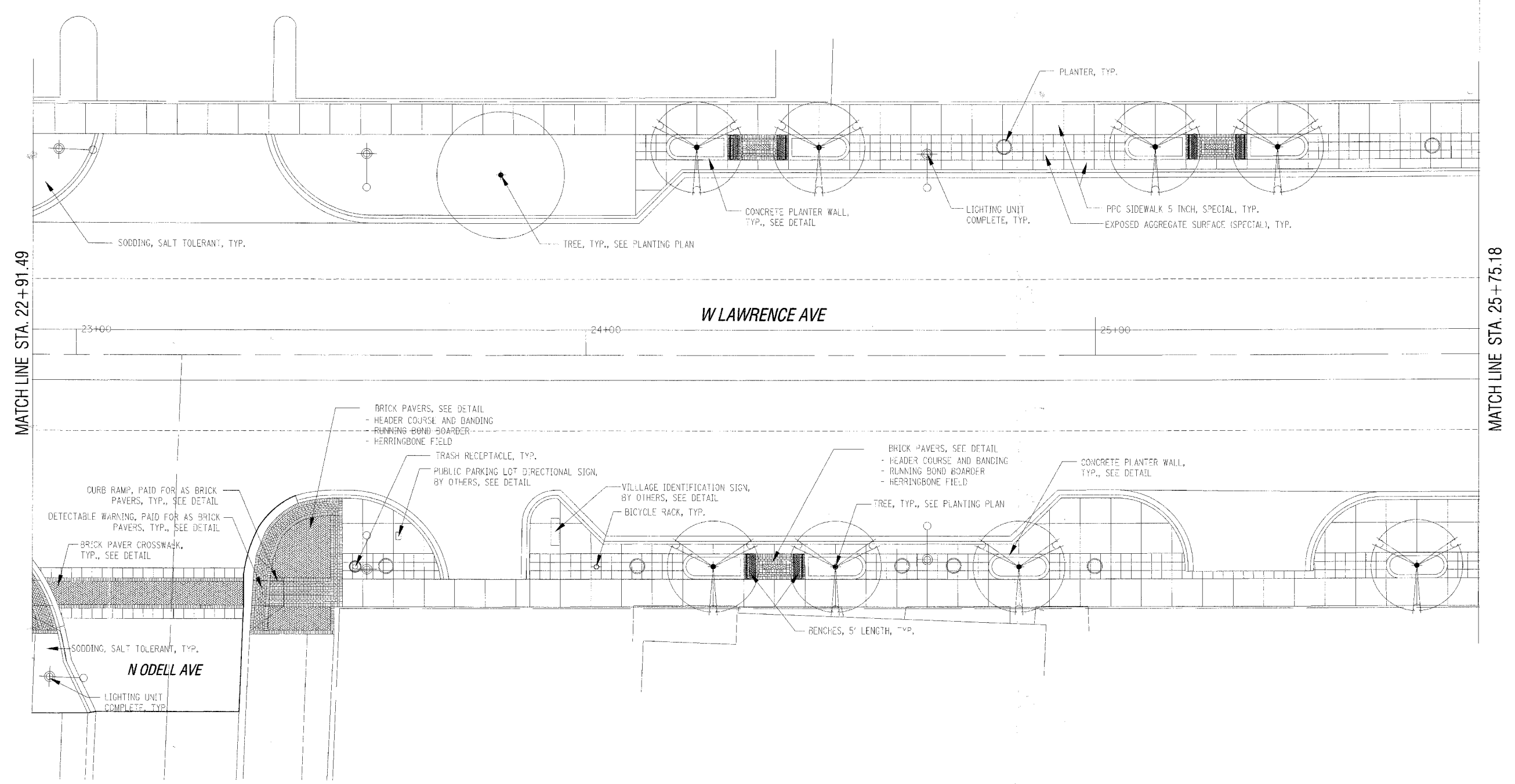
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DATE 1/08/07

DRAWN BY ERK
 CHECKED BY JDS



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1562	06-00047-00-LS	COOK	59	32
STA. 22+91.49		TO STA. 25+75.18		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



MATCH LINE STA. 22+91.49

MATCH LINE STA. 25+75.18

PLOT DATE =
FILE NAME =
PLOT SCALE =
USER NAME =

REVISIONS	
NAME	DATE

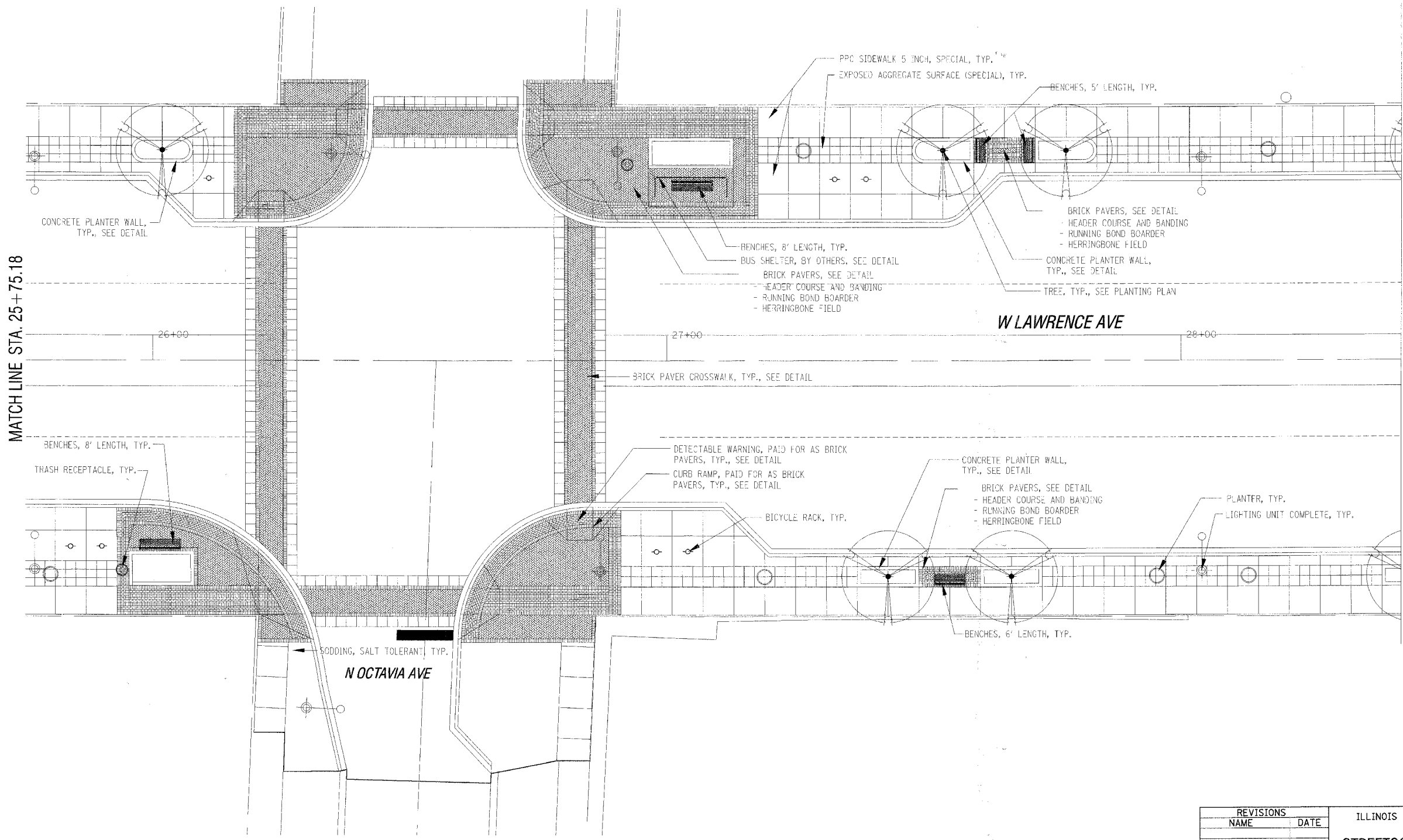
ILLINOIS DEPARTMENT OF TRANSPORTATION

STREETSCAPE AND LANDSCAPE PLAN
LAWRENCE AVENUE
STA. 22+91.49 TO STA. 25+75.18

SCALE: VERT. 1"=10'
HORIZ. 1"=10'
DATE 1/08/07

DRAWN BY ERK
CHECKED BY JDS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	33
STA. 25+75.18		TO STA. 28+42.79		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 25+75.18

MATCH LINE STA. 28+42.79

26+00

27+00

28+00

PLOT DATE =
FILE NAME =
PLOT SCALE =
USER NAME =

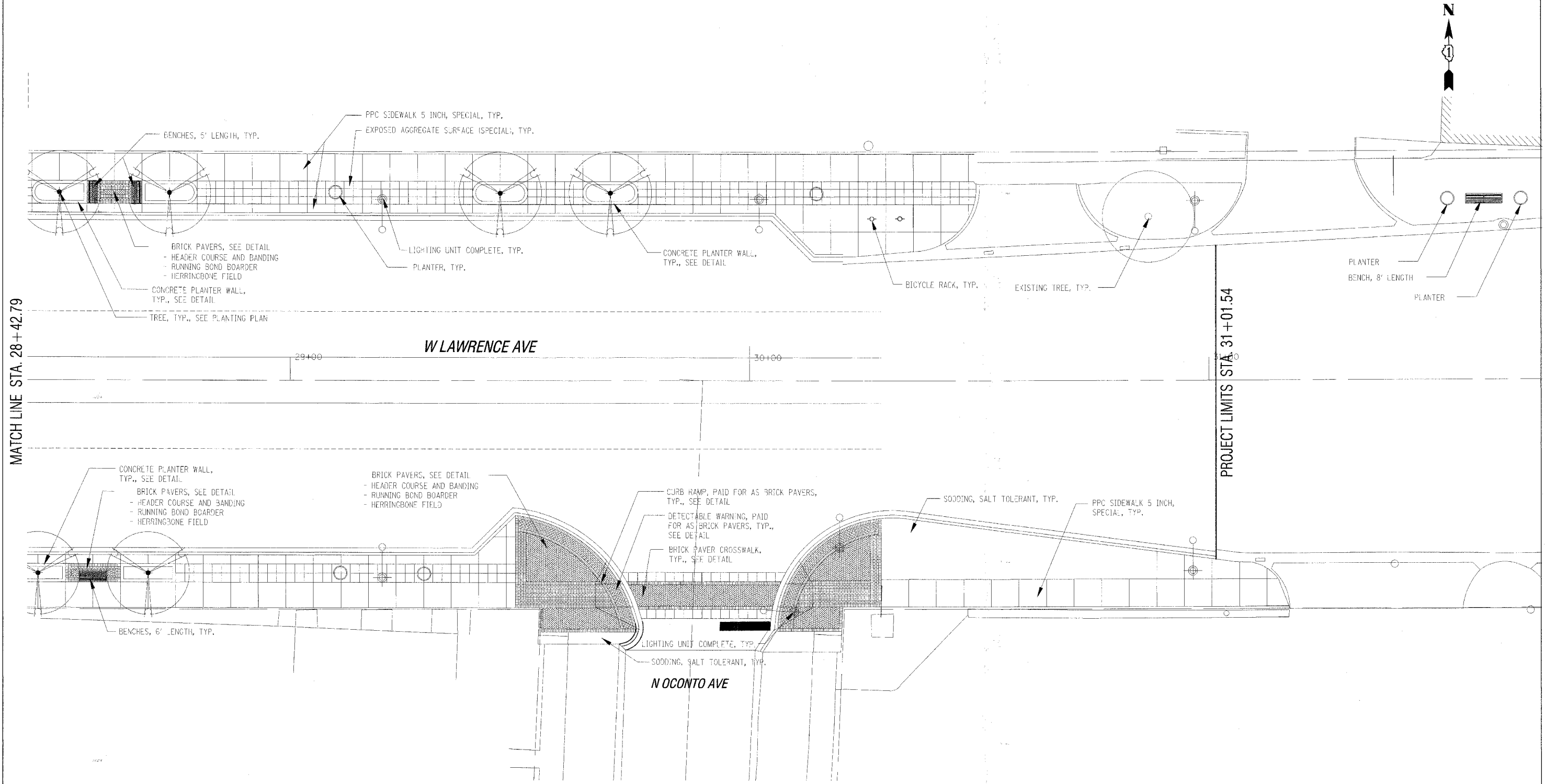
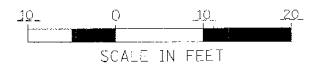
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STREETScape AND LANDSCAPE PLAN
LAWRENCE AVENUE
STA. 25+75.18 TO STA. 28+42.79

SCALE: VERT. 1"=10'
 HORIZ. 1"=10'
 DATE 1/08/07

DRAWN BY ERK
 CHECKED BY JDS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	34
STA. 28+42.79		TO STA. 31+01.54		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 28+42.79

PROJECT LIMITS STA. 31+01.54

REVISIONS	
NAME	DATE

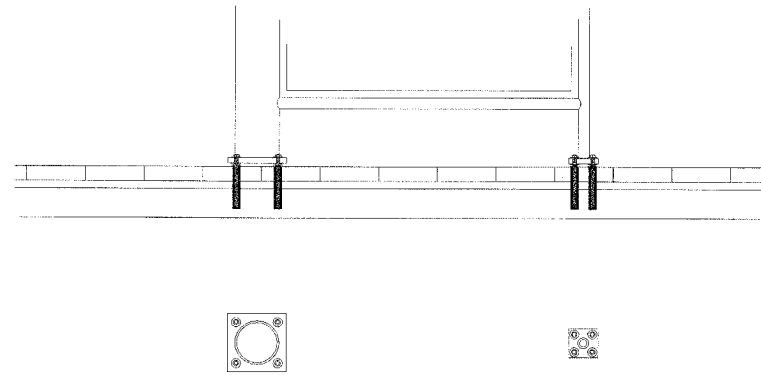
ILLINOIS DEPARTMENT OF TRANSPORTATION
STREETSCAPE AND LANDSCAPE PLAN
LAWRENCE AVENUE
STA. 28+42.79 TO STA. 31+01.54

SCALE: VERT. 1"=10'
 HORIZ. 1"=10'
 DATE 1/08/07

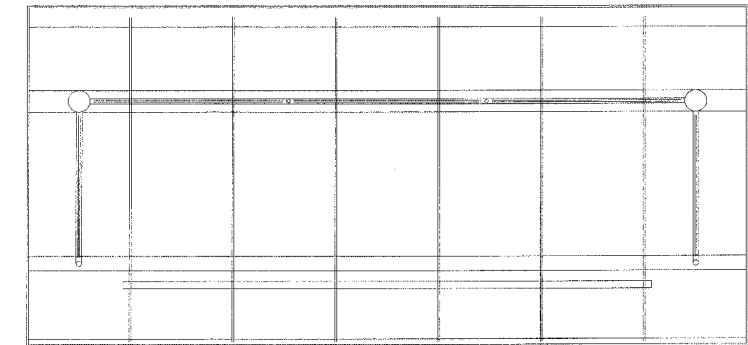
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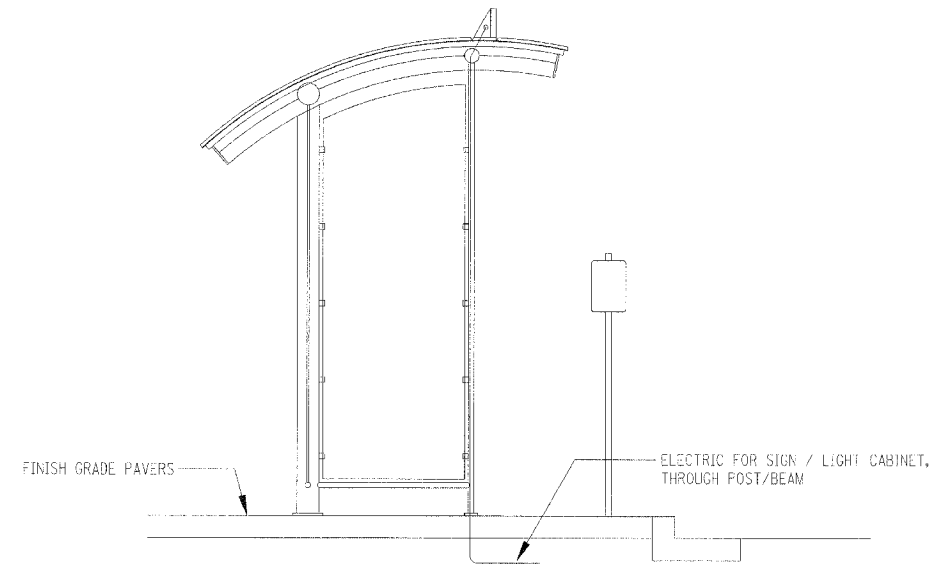
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



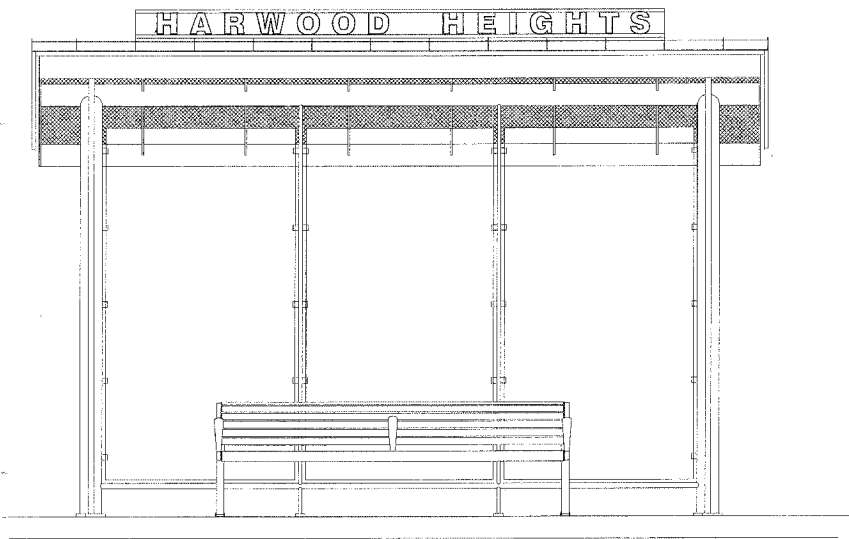
ANCHOR BRACKETS



TOP VIEW FRAMING



SIDE ELEVATION



FRONT ELEVATION

BUS SHELTER - BY OTHER

1/2" = 1'-0"

BUS SHELTERS TO BE ISSUED AS SEPERATE CONTRACT FROM STREETScape WORK. STREETScape CONTRACTOR SHALL PROVIDE POWER UTILITY LINES AND STUB OUT AS INDICATED ON ELEC. DWGS.

REVISIONS	
NAME	DATE

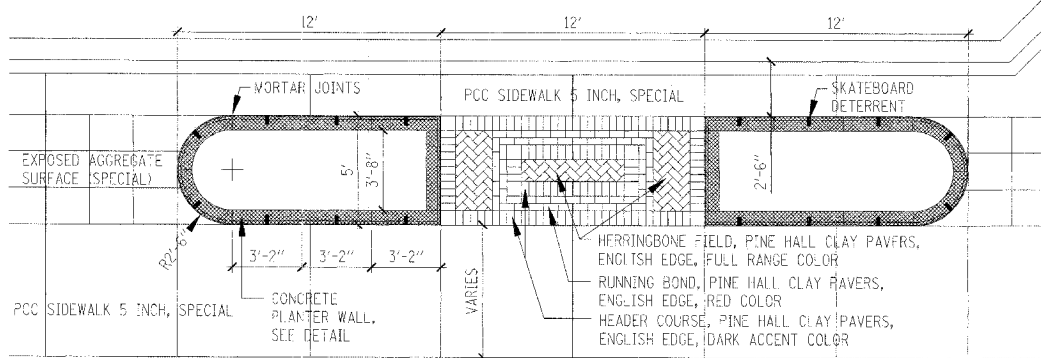
ILLINOIS DEPARTMENT OF TRANSPORTATION

STREETScape DETAILS
LAWRENCE AVENUE

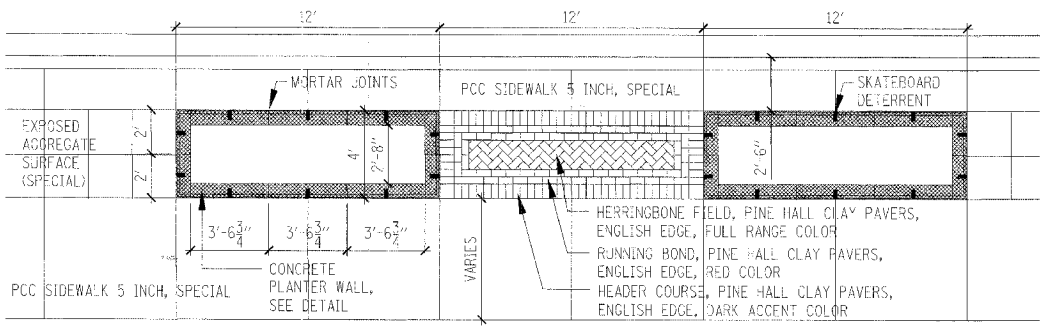
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HORIZ. AS NOTED
DATE 1/08/07

DRAWN BY JDS
CHECKED BY JDS

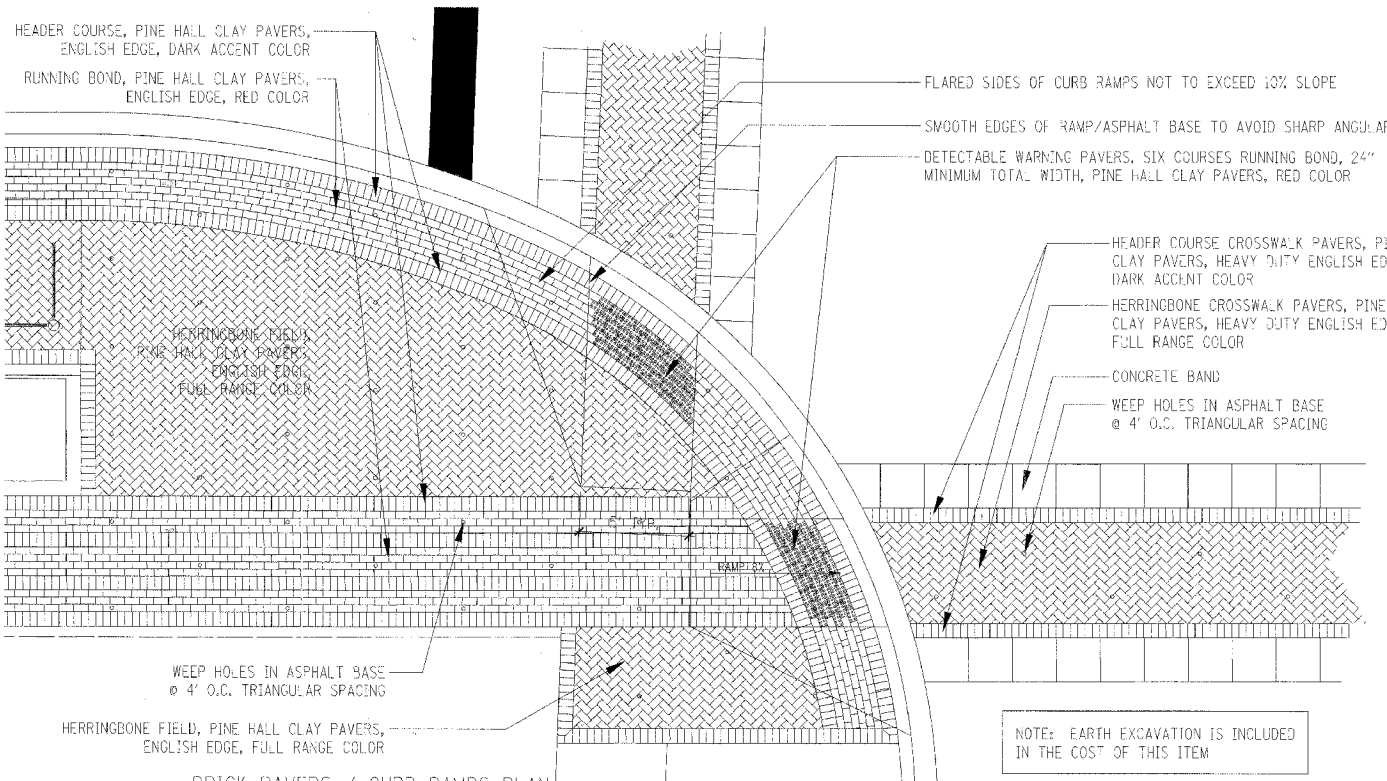
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STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



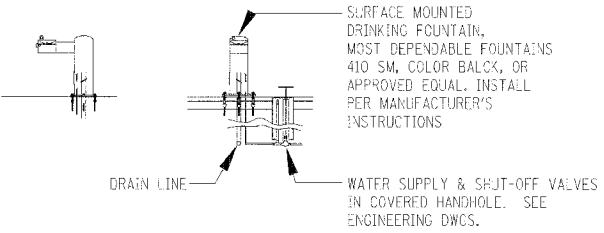
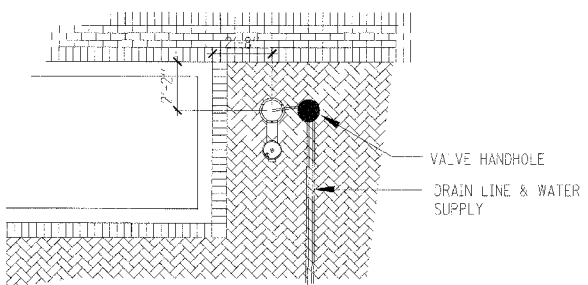
NOTES:
 DIMENSIONS FOR CONCRETE PLANTER WALL SECTIONS AS SHOWN DO NOT ACCOUNT FOR MORTAR JOINT WIDTHS. ADJUST DIMENSIONS TO ACHIEVE OVERALL PLANTER SIZING.
 SUBMIT SHOP DRAWINGS FOR ALL PLANTER WALL SECTIONS FOR APPROVAL PRIOR TO FABRICATION.



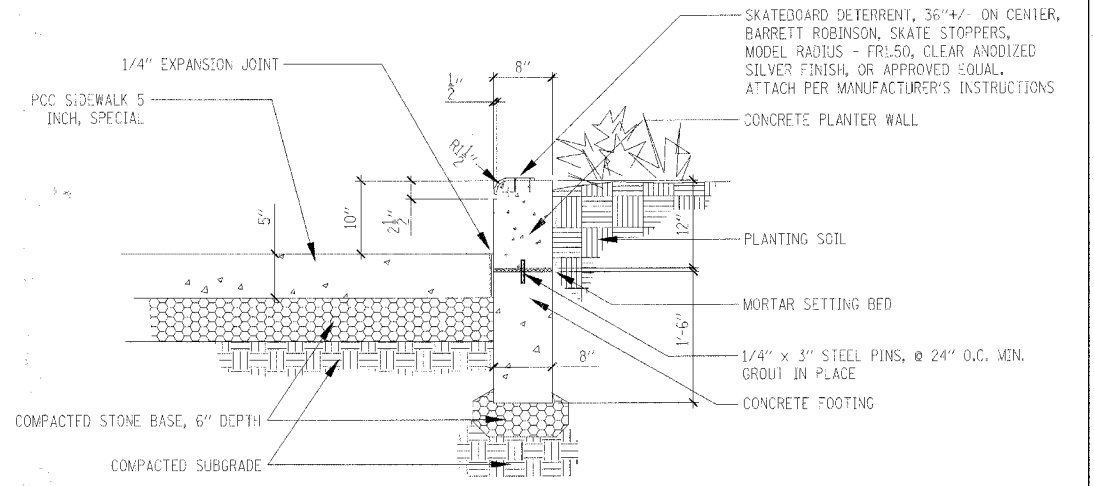
CONCRETE PLANTER WALLS / BRICK PAVERS PLAN
 1/4" = 1'-0"



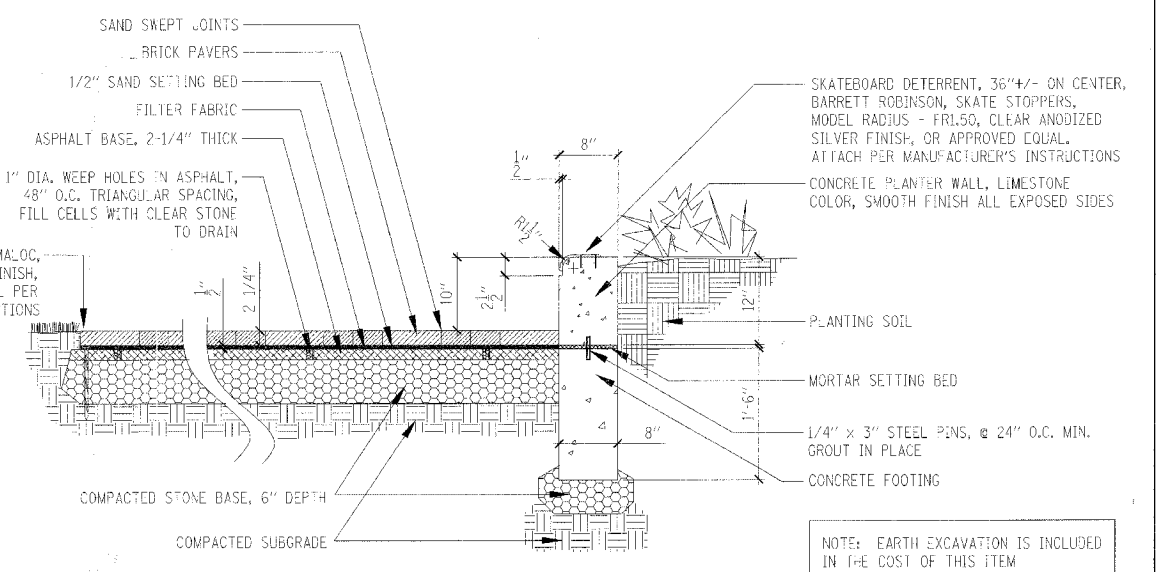
BRICK PAVERS / CURB RAMPS PLAN
 1/4" = 1'-0"



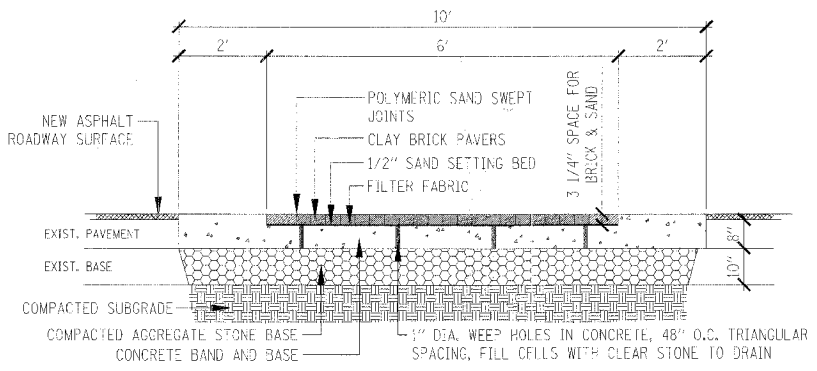
DRINKING FOUNTAIN
 1/4" = 1'-0"



PCC SIDEWALK 5 INCH SPECIAL / CONCRETE PLANTER WALL SECTION
 1" = 1'-0"



BRICK PAVERS / CONCRETE PLANTER WALL SECTION
 1" = 1'-0"



BRICK PAVES CROSSWALK
 1/2" = 1'-0"

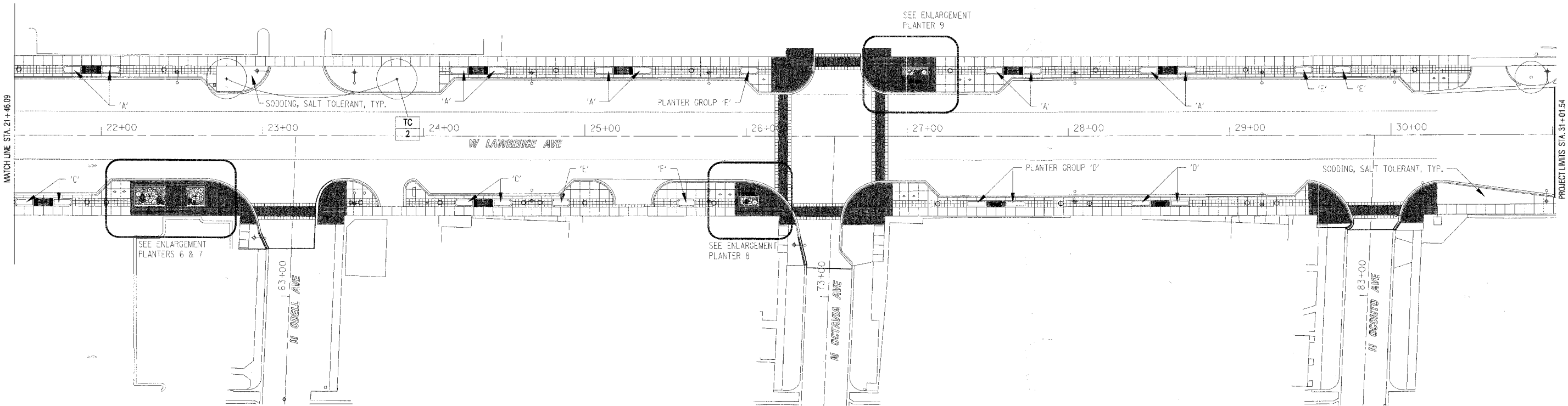
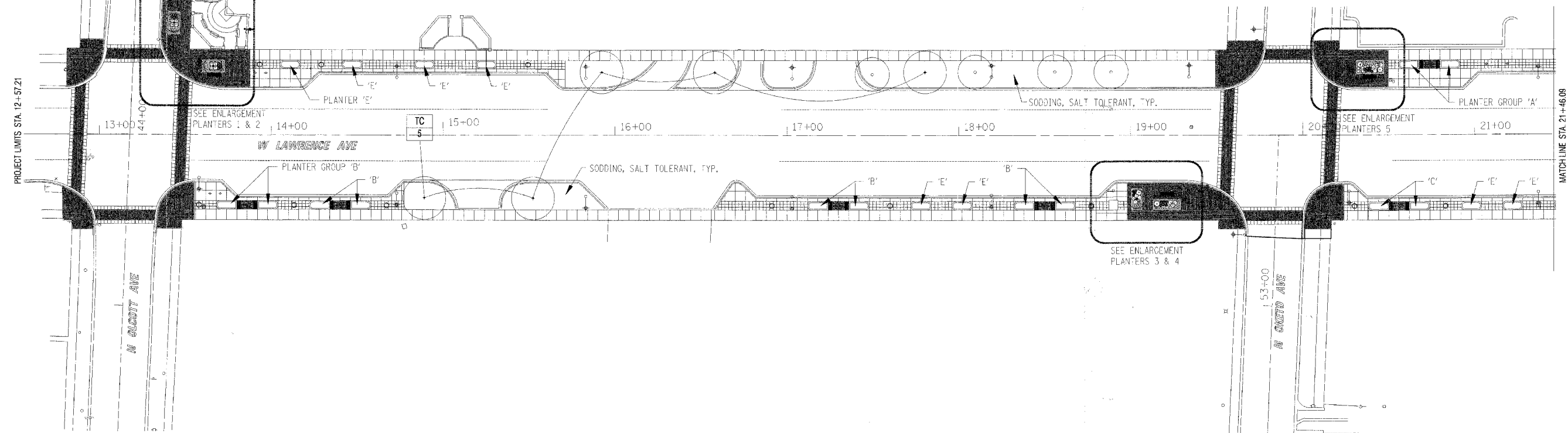
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STREETSCAPE DETAILS
 LAWRENCE AVENUE

SCALE: VERT. AS NOTED
 HORIZ. 1/2" = 1'-0"
 DATE 1/08/07
 DRAWN BY JDS
 CHECKED BY JDS

PLOT DATE = 10/29/2007
 FILE NAME = N:\WORK\06HEIGHTS\06279\CD\1\06279LSP.LSP
 PLOT SCALE = 1"
 USER NAME = PIGNELLI

CONTRACT NO. 83905			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
1362	06-00047-00-LS	COOK	59 38
STA. 12+57.21		TO STA. 31+01.54	
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT	



NOTES:
 SEE DETAILED PLANTING PLANS FOR PLANTERS.
 SEE SPECIFICATIONS FOR DETAILED PLANTING INSTRUCTIONS



REVISIONS	
NAME	DATE

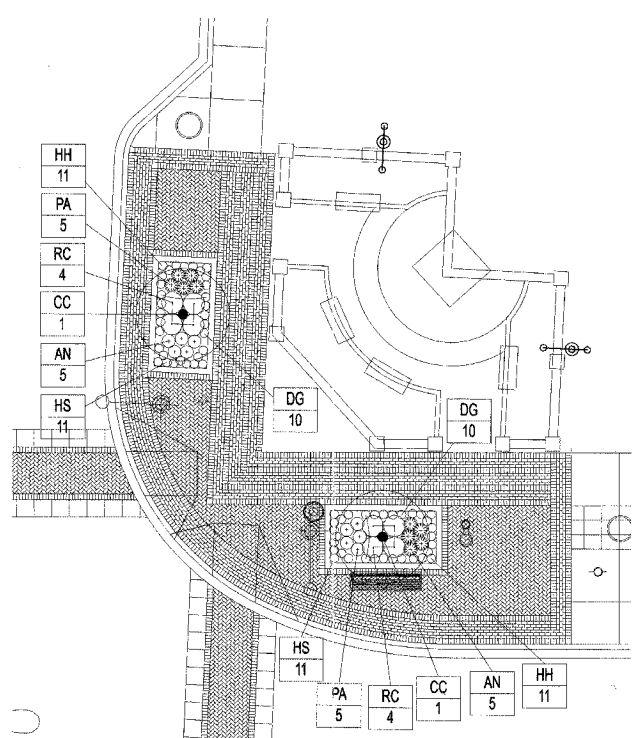
ILLINOIS DEPARTMENT OF TRANSPORTATION
STREETSCAPE PLANTING PLAN
LAWRENCE AVENUE
STA. 12+57.21 TO STA. 31+01.54

SCALE: VERT. 1" = 30'
 HORIZ. 1" = 30'
 DATE 1/08/07

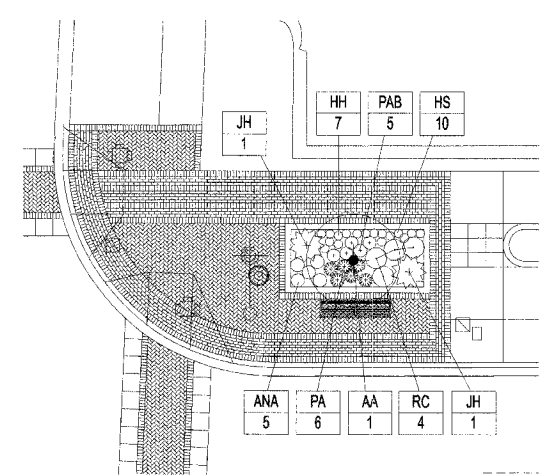
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 CHECKED BY JDS

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 PLOT SCALE: 1" = 30'
 USER NAME: PMIGNELLI

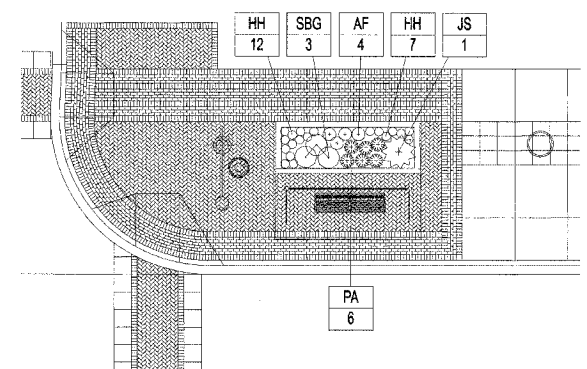
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



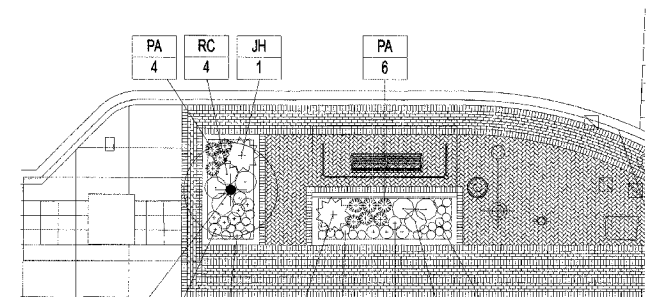
PLANTERS 1 & 2



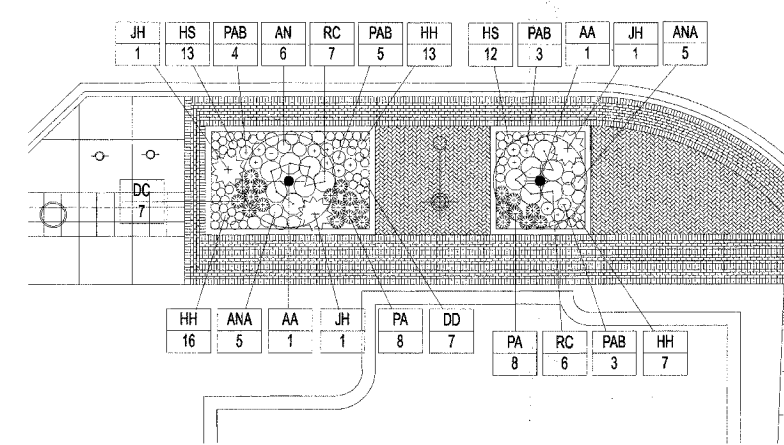
PLANTER 5



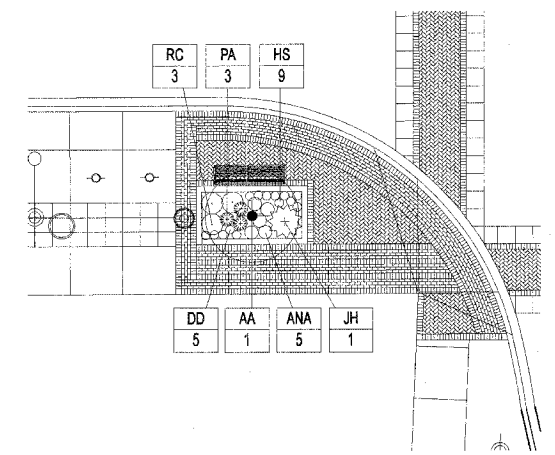
PLANTER 9



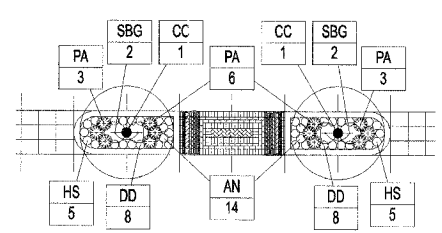
PLANTERS 3 & 4



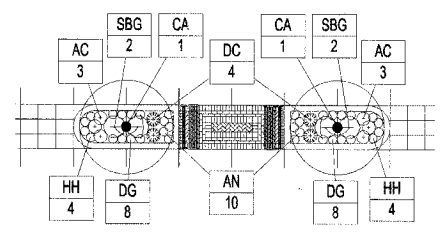
PLANTERS 6 & 7



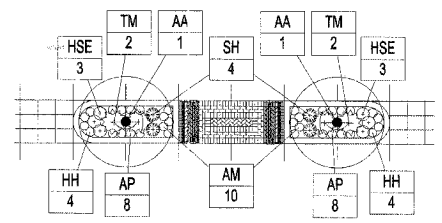
PLANTER 8



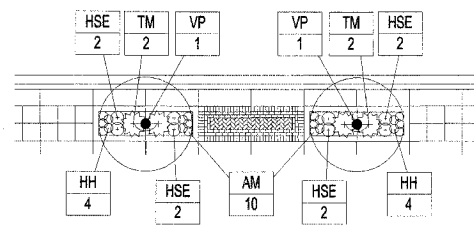
PLANTER GROUP 'A'



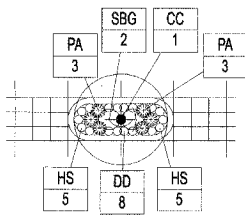
PLANTER GROUP 'B'



PLANTER GROUP 'C'



PLANTER GROUP 'D'



PLANTER GROUP 'E'

PLANTING SCHEDULE

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING
TC	<i>Tilia cordata</i> 'Giantleven'	Giantleven Little Leaf Linden	7	2" Cal.	B/B	As shown
Ornamental Trees						
SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING
AA	<i>Amelanchier</i> x.g. 'Autumn Brilliance'	Autumn Brilliance Serviceberry	11	5' Ht.	B/B	As shown
CA	<i>Cornus alternifolia</i>	Pagoda Dogwood	8	6' Ht.	B/B	As shown
CC	<i>Carpinus caroliniana</i>	Carpinus caroliniana	25	1.75" Cal.	B/B	As shown
Shrubs						
SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING
SBG	<i>Spiraea x bumalda</i> 'Goldflame'	Goldflame Spirea	48	18" Ht.	Container	30" o.c.
JH	<i>Juniperus horizontalis</i> 'Wilson's Blue Rug'	Blue Rug Juniper	7	18" Width	B/B	45" o.c.
JS	<i>Juniperus sabinia</i> 'Broadmoor'	Broadmoor Juniper	2	15" Width	B/B	54" o.c.
RC	<i>Rosa</i> 'Carefree Wonder'	Carefree Wonder Rose	32	18" Ht.	Container	30" o.c.
TM	<i>Taxus x media</i> 'Brownii'	Brown Angiojapanese Yew	20	2' Width	B/B	30" o.c.
VP	<i>Viburnum prunifolium</i>	Blackhaw Viburnum, on standard	4	6' Ht.	B/B	As shown
Perennials						

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COND.	SPACING
AC	<i>Aquilegia canadensis</i>	Canadian Columbine	24	1 Gal.	Container	15" o.c.
AF	<i>Aquilegia flabellata</i> 'Blue Angel'	Blue Angel Columbine	8	1 Gal.	Container	15" o.c.
AM	<i>Alchemilla mollis</i> 'Autumn'	Compost Lady's Mantle	50	1 Gal.	Container	15" o.c.
AN	<i>Aster novae-angliae</i> 'Purple Dome'	Purple Dome Aster	126	1 Gal.	Container	15" o.c.
ANA	<i>Aster novi-belgii</i> 'Aler'	Aler Aster	20	1 Gal.	Container	15" o.c.
AP	<i>Aegopodium podagraria</i>	Bishop's Weed (green)	48	1 Gal.	Container	12" o.c.
DD	<i>Dianthus deltoides</i> 'Zing'	Zing Rose	196	1 Gal.	Container	12" o.c.
DG	<i>Dianthus gratiopolitana</i> 'Stemless'	Stemless Cheddar Pink	74	1 Gal.	Container	12" o.c.
DC	<i>Deschampsia cespitosa</i> 'Goldshange'	Tufted Hair Grass	23	1 Gal.	Container	18" o.c.
HH	<i>Hemerocallis</i> 'Happy Returns'	Happy Returns Yellow Daylily	183	1 Gal.	Container	18" o.c.
HS	<i>Hosta sieboldiana</i> 'Elegans'	Low Yellow-Gold Daylily	246	1 Gal.	Container	18" o.c.
HSE	<i>Hosta sieboldiana</i> 'Elegans'	Blue Giant Hosta	18	1 Gal.	Container	30" o.c.
PA	<i>Pennisetum alopecuroides</i> 'Hamlet'	Hamlet Dwarf Fountain Grass	189	1 Gal.	Container	18" o.c.
PAB	<i>Perovskia atriplicifolia</i> 'Blue Spire'	Parovskia 'Blue Spire'	27	1 Gal.	Container	18" o.c.
SH	<i>Sporobolus heterolepis</i>	Prairie Dropseed	12	1 Gal.	Container	18" o.c.
			Total Number of Perennials	1,244		
			Total Number of Potted Items	12		

NOTES:
SEE SPECIFICATIONS FOR DETAILED PLANTING INSTRUCTIONS



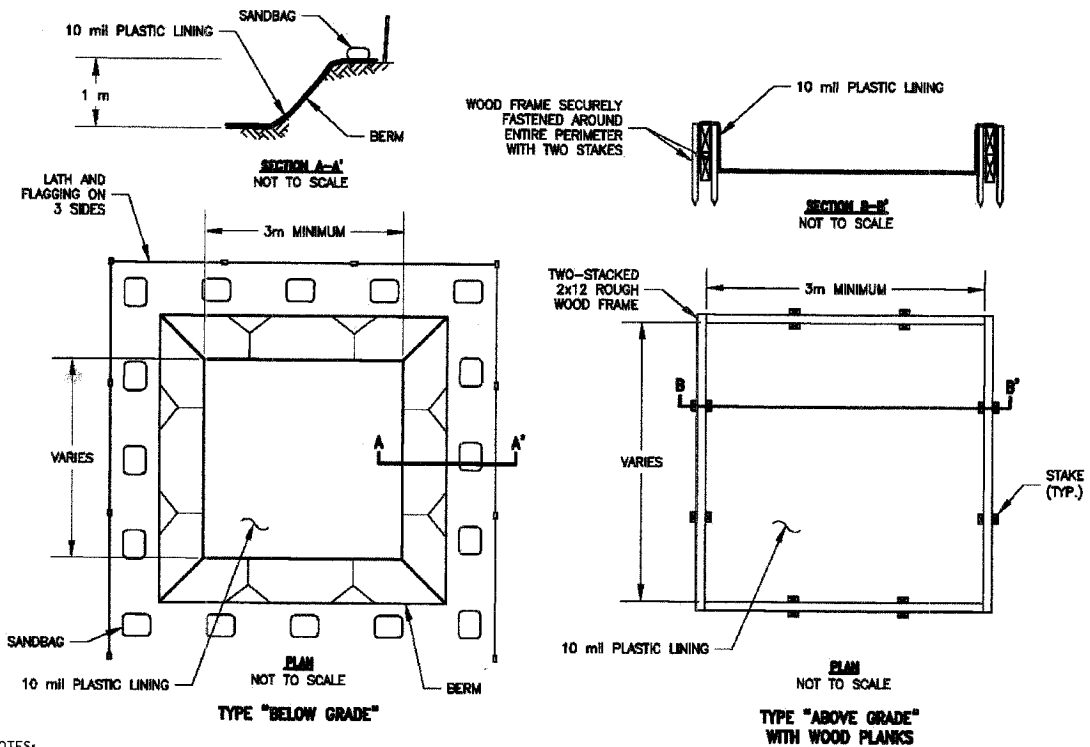
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**STREETSCAPE PLANTING PLAN
LAWRENCE AVENUE**

SCALE: VERT. 1" = 30'
DATE: 1/08/07
DRAWN BY: JDS
CHECKED BY: JDS

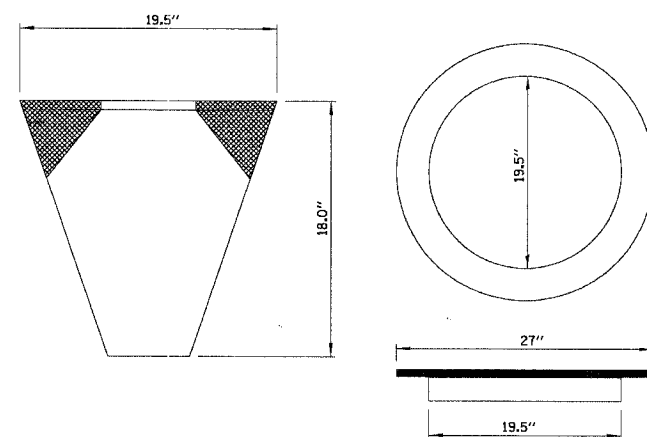
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 PLOT SCALE = 1" = 30'
 USER NAME = PMAGNELLI

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



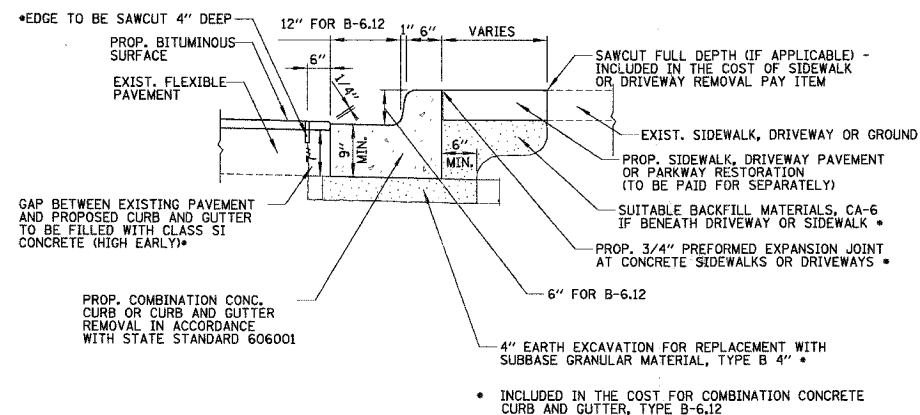
- NOTES:
- ACTUAL LAYOUT DETERMINED IN THE FIELD
 - THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 10 m OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

CONCRETE WASTE MANAGEMENT



NOTE:
 FRAME: FLANGE SHALL BE FABRICATED FROM 1/8" FLAT STACK. BASE RING SHALL BE FABRICATED FROM 1 1/2" X 1 1/2" X 1/8" CHANNEL. DOMESTIC STEEL CONFORMING TO ASTM-A36.
 SEDIMENT BAG: SHALL BE FABRICATED FROM 4 OZ/SQ YD NON-WAVEN POLYPROPYLENE GEOTEXTILE AND SHALL BE REINFORCED WITH POLYESTER MESH. THE BAG SHALL BE SECURED TO THE BASE RING WITH STAINLESS STEEL STRAP AND LOCK.

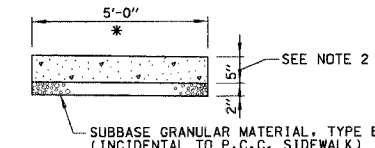
CATCH BASIN AND INLET FILTER



COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

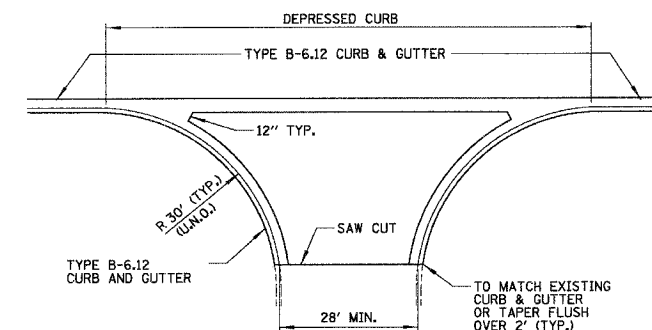
NOTE:
 LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

P.C.C. SIDEWALK, 5 INCH SPECIAL DETAIL



* CROSS SLOPE 2% OR AS SHOWN ON CROSS SECTIONS

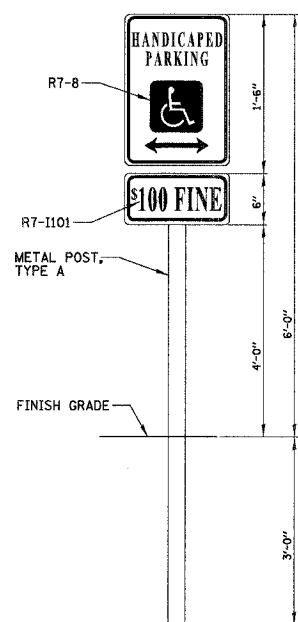
- NOTES:
- ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE INCIDENTAL TO THE P.C.C. SIDEWALK 5 INCH, SPECIAL.
 - THICKNESS SHALL BE INCREASED TO 6" WHERE SIDEWALK IS ADJACENT TO A CONCRETE DRIVEWAY. (COST INCIDENTAL).
 - IN LOCATIONS WHERE SIDEWALK IS REMOVED AND REPLACED THROUGH DRIVEWAYS, DRIVEWAYS SHALL BE SAWCUT AT THE LIMITS OF THE PROPOSED SIDEWALK.
 - WHEN FORMS ARE REMOVED FROM THE SIDEWALK EITHER THE SIDEWALK SHALL BE BARRICADED OR BACKFILLED WITHIN 24 HOURS.



ASPHALT DRIVEWAY
 HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50-1 1/2"
 HOT MIX ASPHALT BINDER COURSE, 1L-19.0, N50-2 1/4"
 SUB-BASE GRANULAR MATERIAL, TYPE B, 4"

CONCRETE DRIVEWAY
 PCC DRIVEWAY PAVEMENT, 9"
 3" AGGREGATE BASE COURSE, TYPE B

TYPICAL COMMERCIAL DRIVEWAY

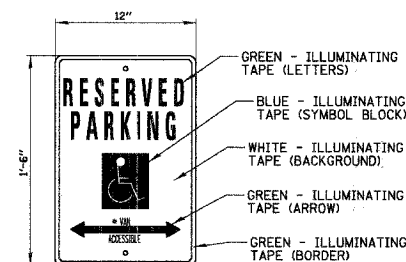


HANDICAPPED PARKING SIGN (R7-8) DETAIL

N.T.S.



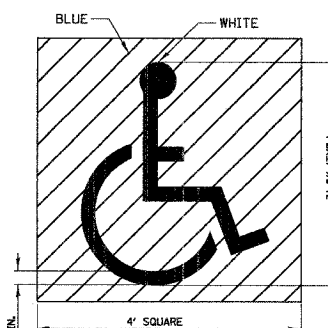
"\$100 FINE" SIGN (R7-1101)



* "VAN ACCESSIBLE" TO BE NOTED FOR SPACES DESIGNATED FOR THAT USE.

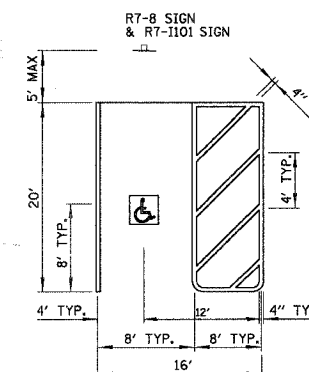
HANDICAP PARKING SIGN (R7-8)

N.T.S.



HANDICAP SYMBOL

N.T.S.



HANDICAP PARKING SPACE

N.T.S.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LAWRENCE AVENUE CONSTRUCTION DETAILS

SCALE: VERT. HORIZ. 50'
 DATE 10/29/2007

DRAWN BY PMM
 CHECKED BY LMF

CONTRACT NO. 83905			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
1362	06-00047-00-LS	COOK	59 41
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

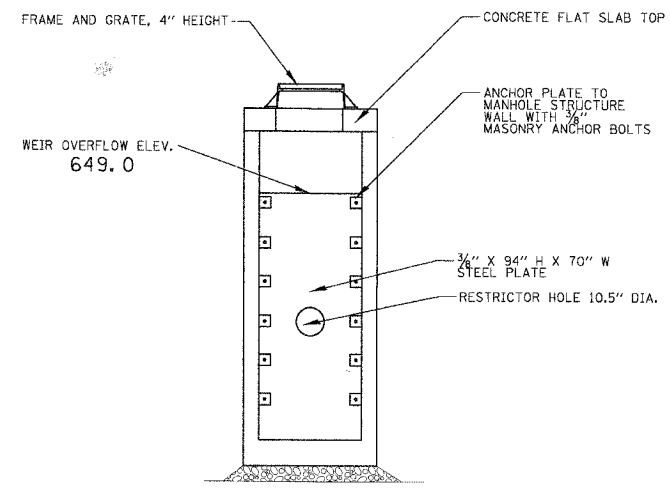
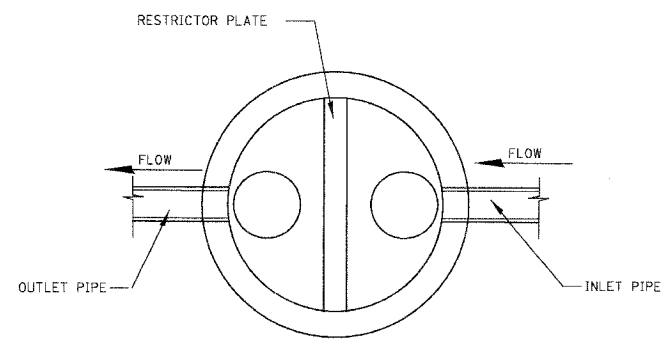
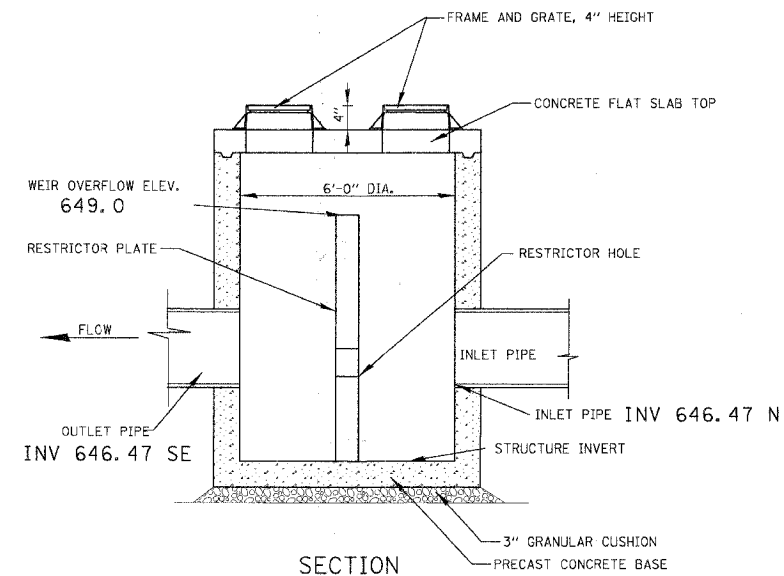


PLATE ELEVATION VIEW



PLAN VIEW
(SHOWING PIPE AND RESTRICTOR ORIENTATION)



SECTION

WATER CONTROL STRUCTURE 1

STATION	STRUCT. NO.	CONTROL STRUCT. DIA.	OFFSET (FT)	LT/RT	RIM ELEV (FT)	RESTRICTOR DIA. (IN)	RESTRICTOR INVERT ELEV (FT)	INLET INVERT ELEV (FT)	OUTLET INVERT ELEV (FT)	STRUCTURE INVERT (FT)	WEIR OVERFLOW ELEV. (FT)	INLET PIPE DIA (IN)	OUTLET PIPE DIA (IN)
16+78.42	1	6 FT	31.17	RT	652.29	10.5	646.75	646.47 SE	646.47 N	644.47	649.0	36"	12"

PLOT DATE = 10/29/2007
 FILE NAME = N:\MHW\000\08279\08279.dwg
 PLOT SCALE = 1"
 USER NAME = PRIGNELLI

REVISIONS	
NAME	DATE

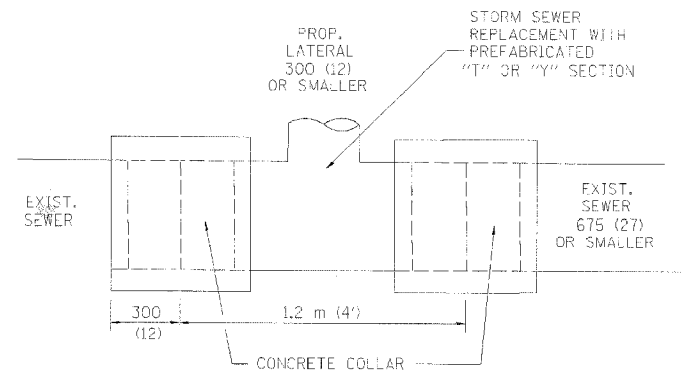
ILLINOIS DEPARTMENT OF TRANSPORTATION

**LAWRENCE AVENUE
WATER CONTROL STRUCTURE
DETAIL**

SCALE: VERT. 1"
HORIZ. 1"
DATE 10/29/2007

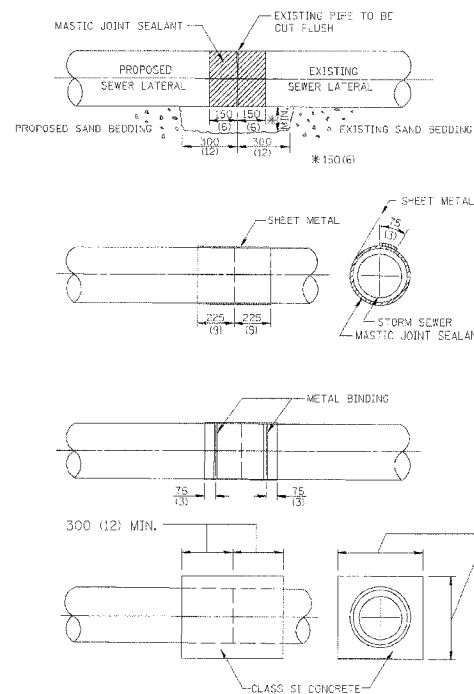
DRAWN BY
CHECKED BY

F.A. No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	42
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 675 (27) OR SMALLER

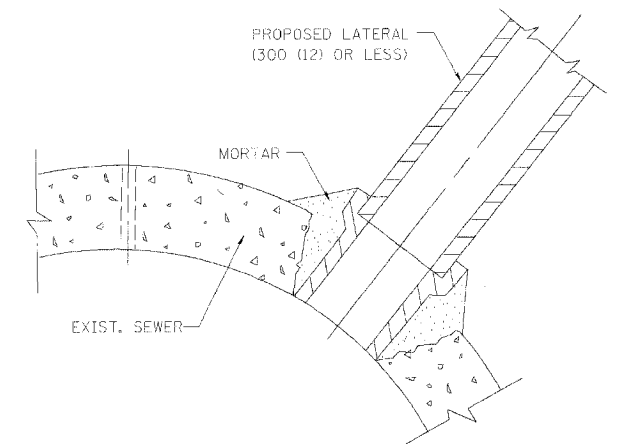


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 150 (6) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 300 x 150 (12 x 6) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 (1) (0.0418) 450 (18) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 75 (3) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 225 (9) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 75 (3) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 750 (30) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 675 (27) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 750 (30) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

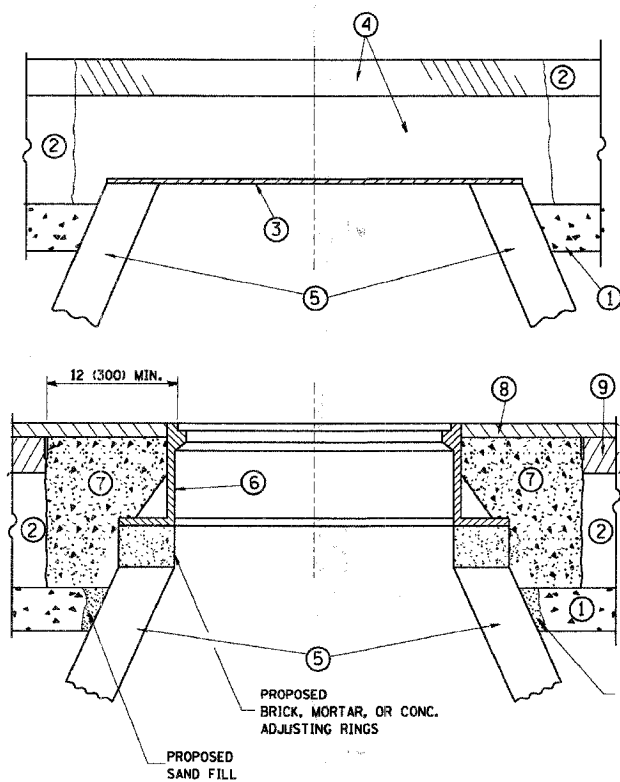
REVISIONS	
NAME	DATE
M. DE YONG	07/25/90
M. DE YONG	02/05/92
M. DE YONG	05/08/92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	06/12/96

SCALE: NONE
DATE 10/18/2002

DRAWN BY CADD
CHECKED BY

BD500-01 (BD-7)
REVISION DATE: 06/12/96

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	43
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS S1 CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

- | | |
|--|--|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS S1 CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/30/95
R. SHAH	03/10/95
A. ABBAS	03/21/97
R. WIEDEMAN	05/14/04
R. BORO	01/01/07

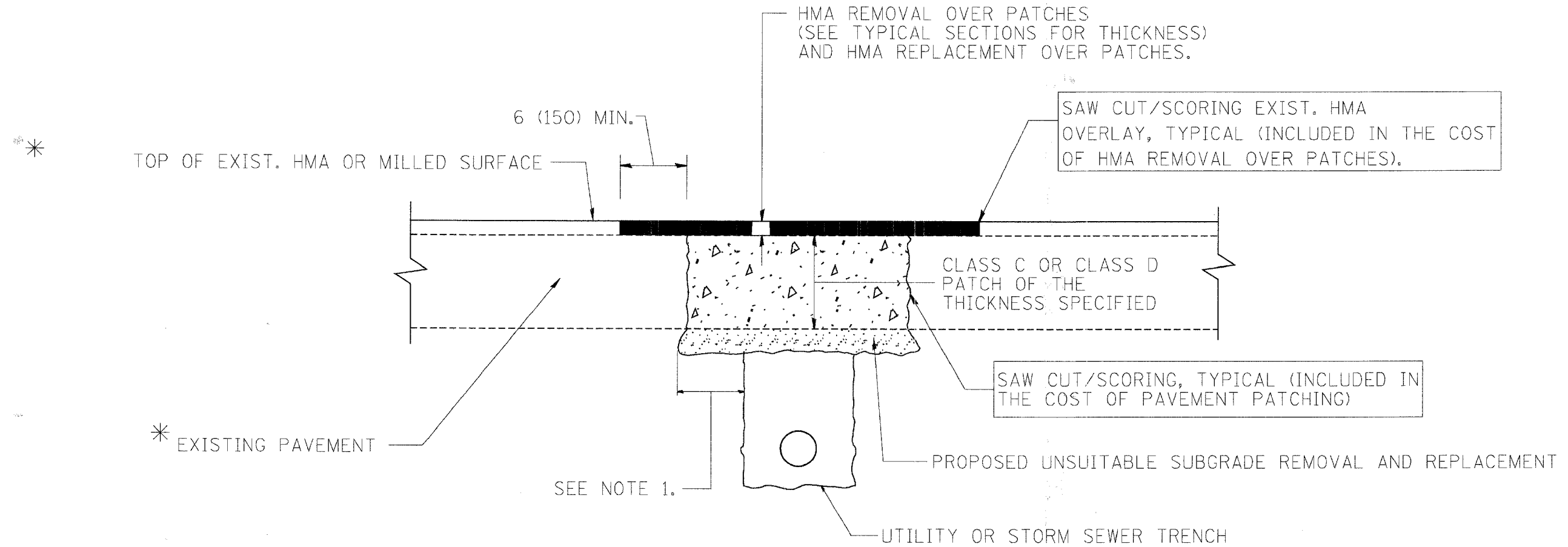
ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: VERT. NONE
HORIZ.

DRAWN BY
CHECKED BY

BD600-03 (BD-B)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-L5	COOK	59	44
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/14/95
R. SHAH	03/23/95
R. SHAH	04/24/95
A. HOUSEH	03/15/96
A. ABBAS	03/21/97
A. ABBAS	01/20/98
ART ABBAS	04/27/98
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

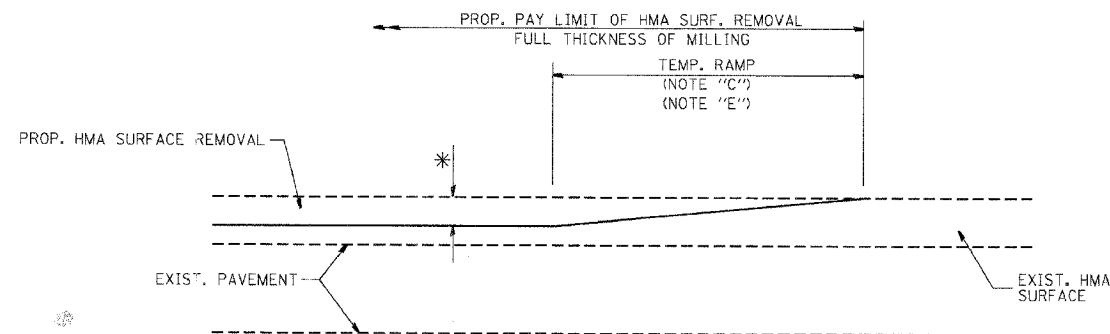
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HORIZ. PLOT DATE: 10/31/2006

DRAWN BY
CHECKED BY

BD400-04 (BD-22)
REVISION DATE: 01/01/07

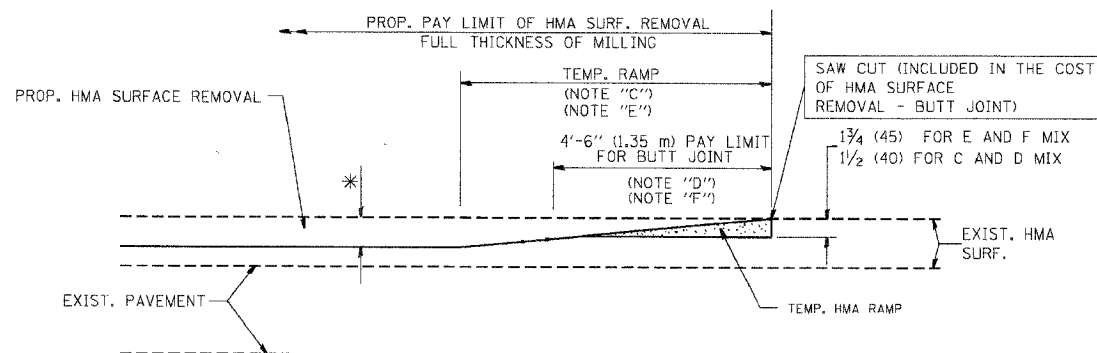
PLOT DATE = 10/31/2006
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PLOT SCALE = 0.50000 / IN.
USER NAME = jaygo

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	45
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

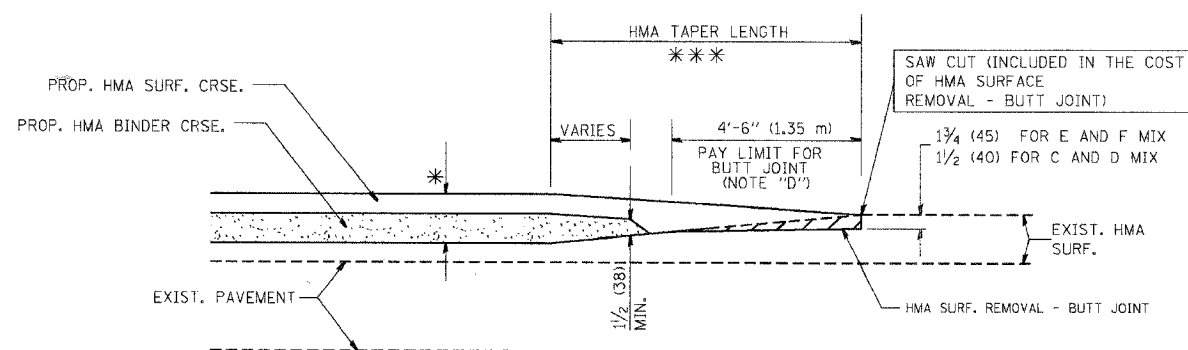
OPTION 1



HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

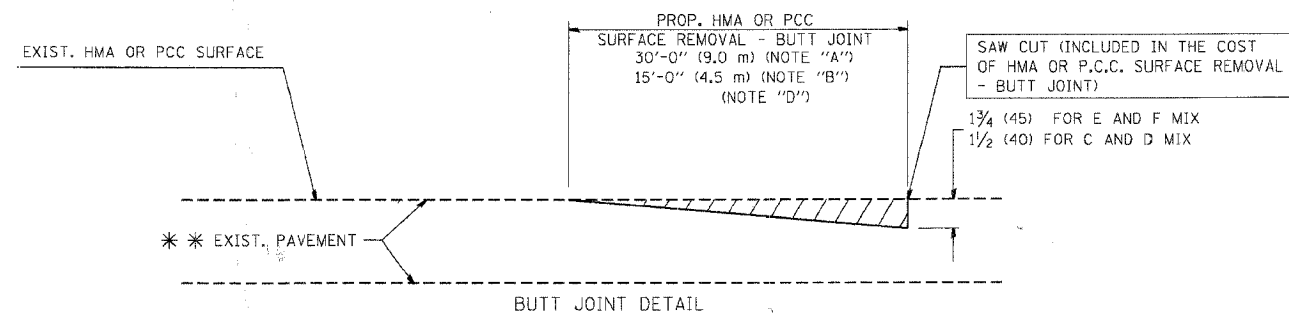
OPTION 2

TYPICAL TEMPORARY RAMP

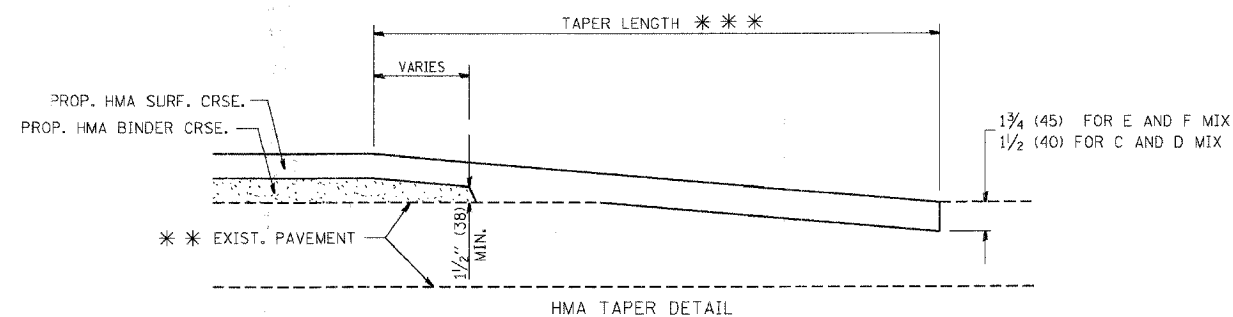


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

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

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

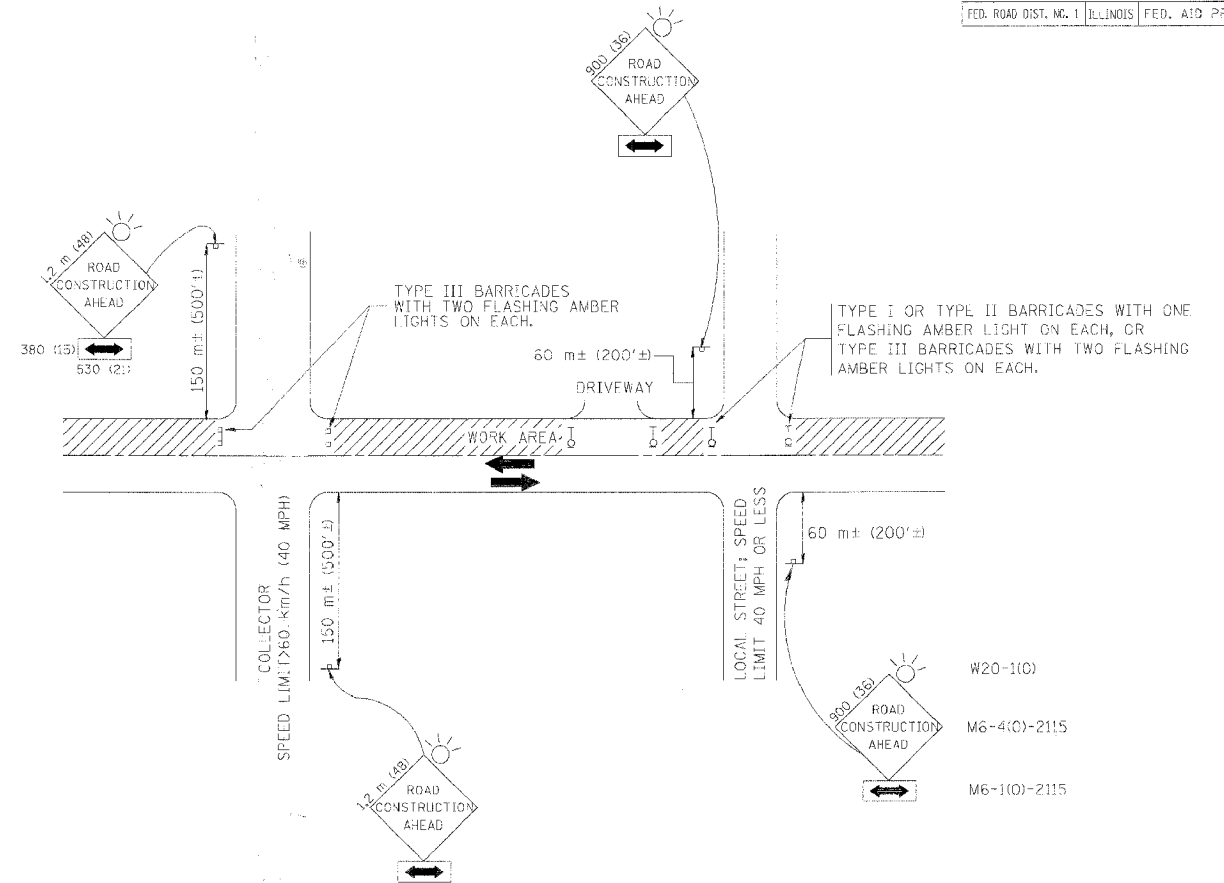
BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE
HORIZ. NONE
PLOT DATE: 10/31/2006

DRAWN BY
CHECKED BY

BD400-05 (VI-BD32)
REVISION DATE: 01/01/07

P.A. RY.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-15	COOK	59	46
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



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

NOTES:

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

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

a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') 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 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

c) ONE **ROAD CONSTRUCTION AHEAD** SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.

d) 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. 70150), 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.

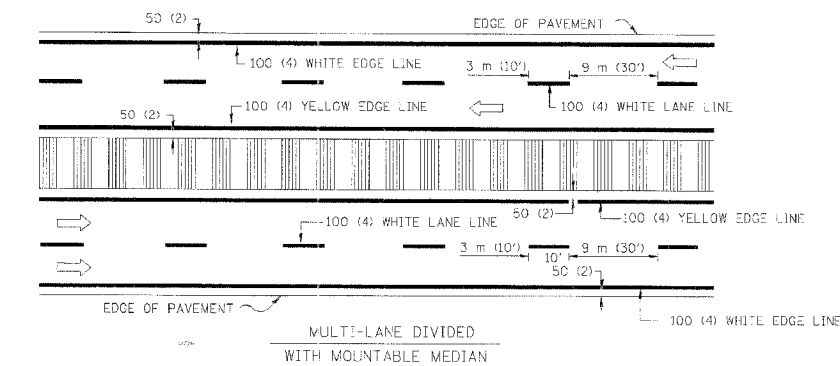
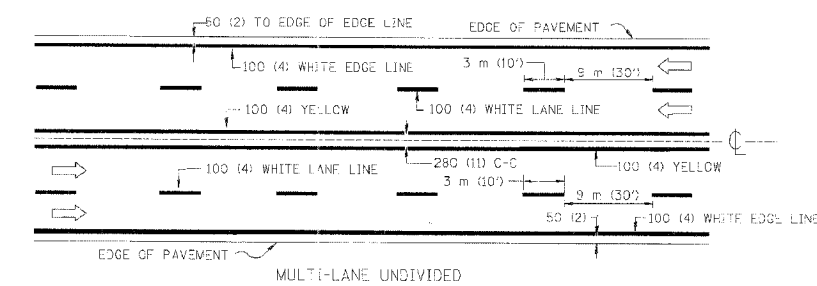
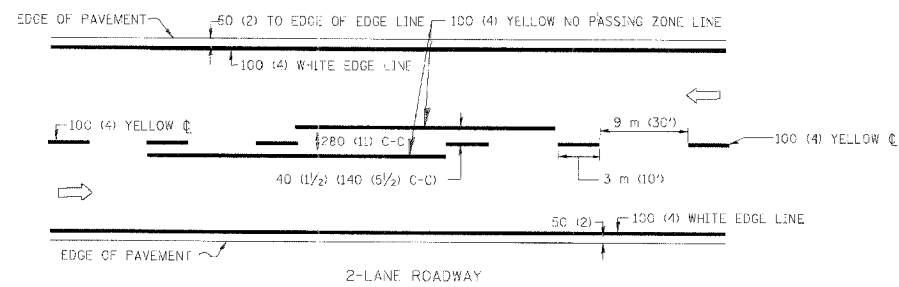
D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	
NAME	DATE
LHA	6/789
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC CONTROL AND PROTECTION
 FOR
 SIDE ROADS, INTERSECTIONS, AND
 DRIVEWAYS

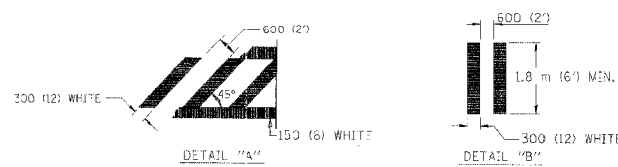
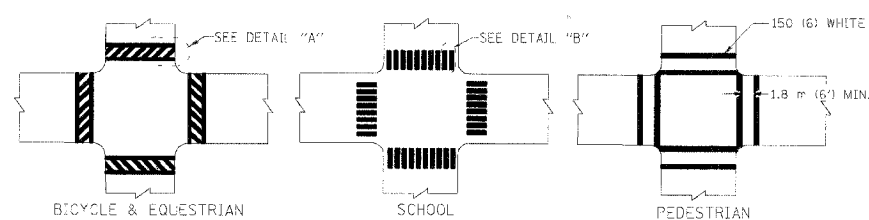
SCALE: VERT. HORIZ.
 DATE 10/18/2002
 DRAWN BY
 CHECKED BY
 TC-10

F.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	47
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

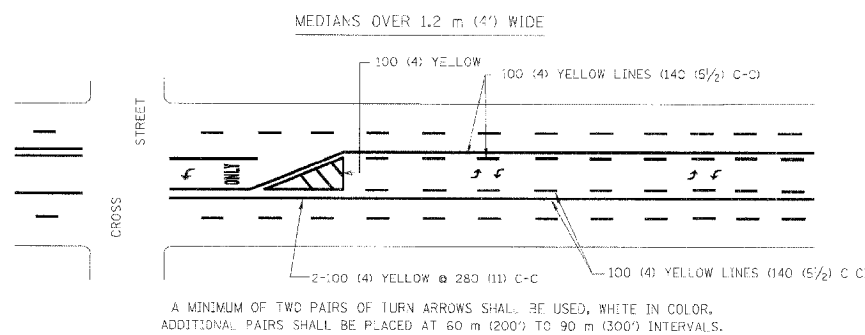
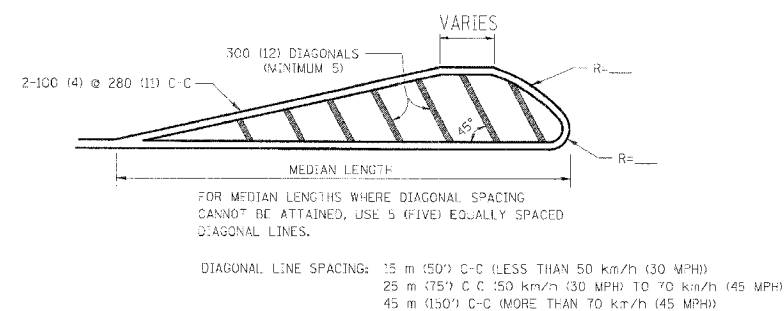
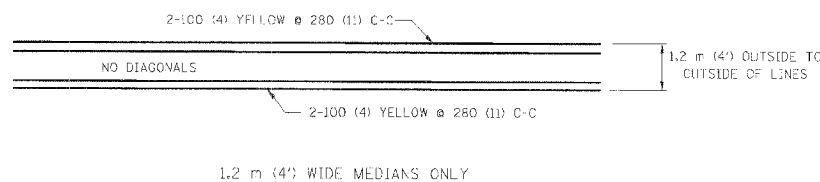


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

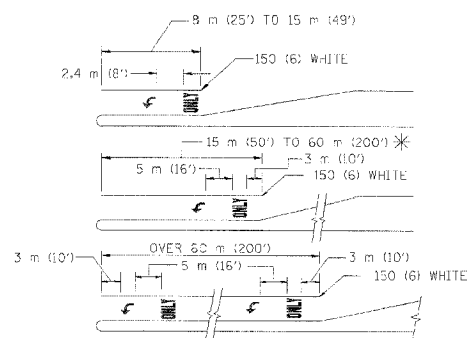
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



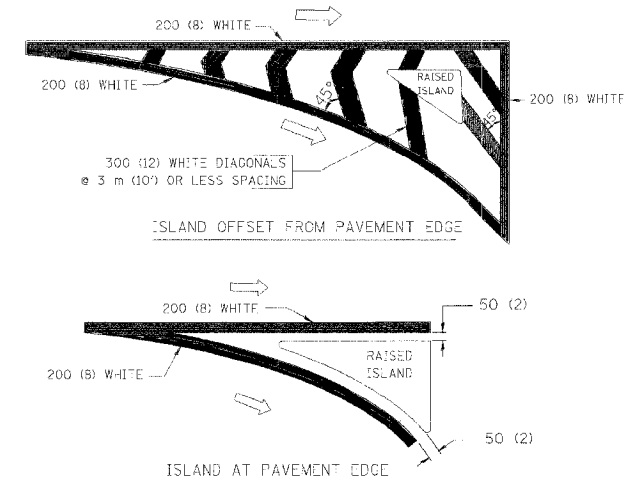
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED.
 AREA = 3.5 m² (15.6 SQ. FT.) ONLY AREA = 1.9 m² (20.8 SQ. FT.)
 * TURN LANES IN EXCESS OF 120 m (400') IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE 280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4)	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 m (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION 2.4 m (8') LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5 1/2) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART 600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45° NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" IS 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD T80001 AREA OF: "R"=0.33m ² (3.6 SQ. FT.) EACH "X"=5.0 m ² (54.0 SQ. FT.)
SHOULDER DIAGONALS	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))	SOLID	WHITE - RIGHT YELLOW - LEFT	

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD T80001.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT ONE
 TYPICAL PAVEMENT MARKINGS

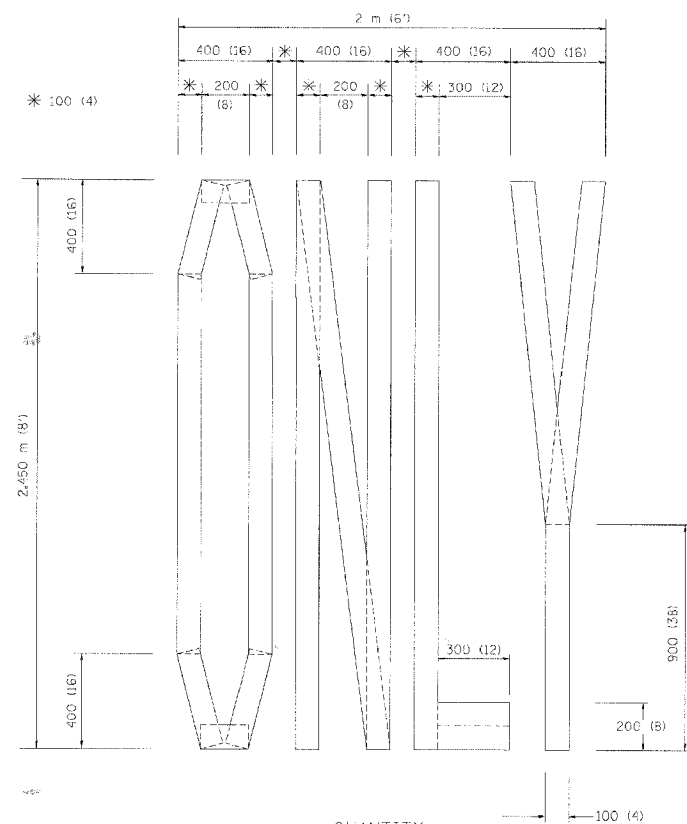
REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

SCALE: NONE
 DATE 10/18/2002

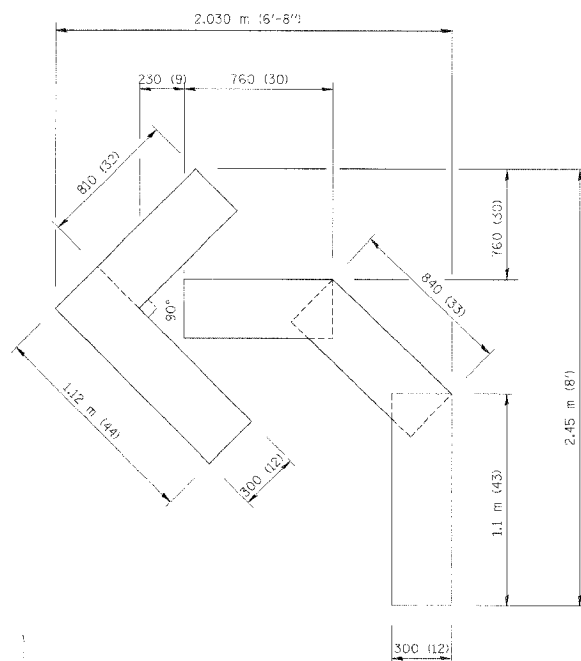
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 CHECKED BY TC-13

REVISION DATE: 01/06/00

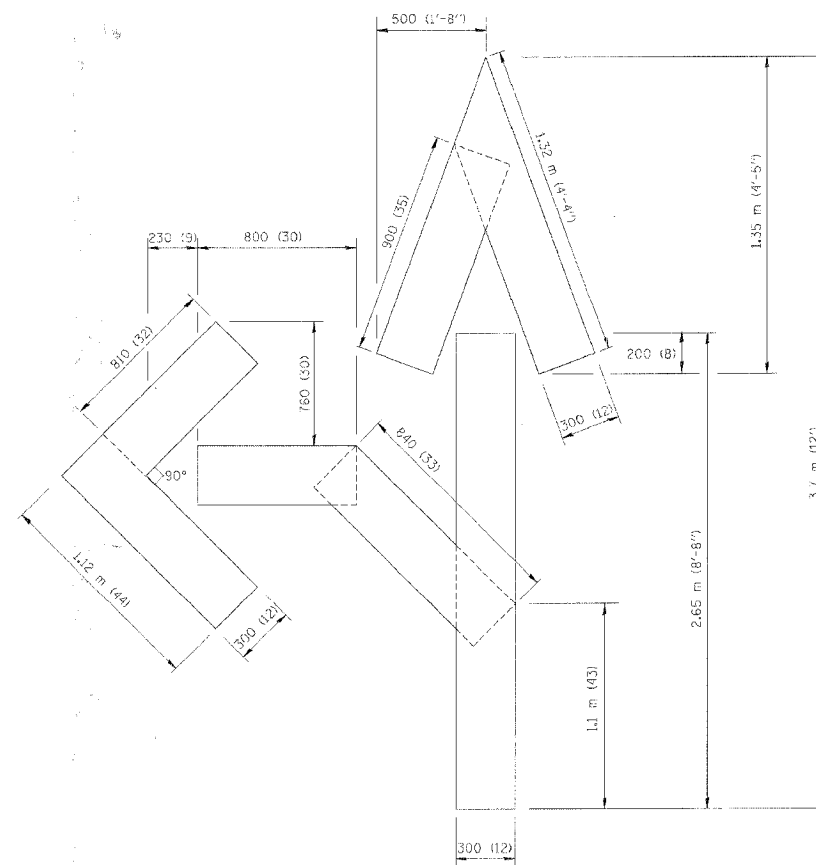
P.L. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	48
STA.		TO STA.		
FED. ROAD DIST. NO.	ALIGNMENT	FED. AID PROJECT		



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



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



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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
 LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/96
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
F. GOMEZ	08/28/00

SCALE: NONE
 DATE: 10/18/2002

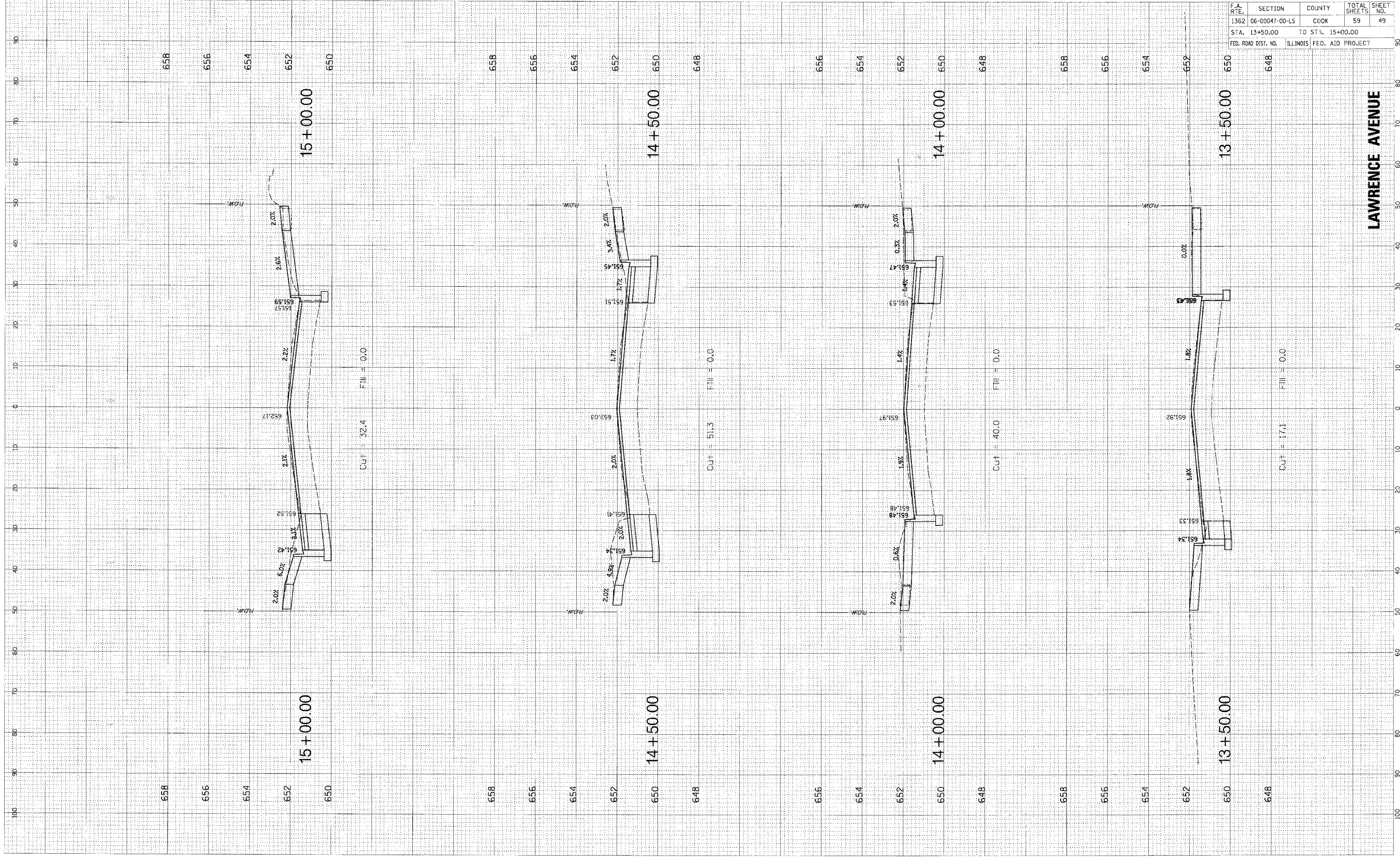
DRAWN BY: CADD
 CHECKED BY: TC-16

REVISION DATE: 08/28/00

PLOT DATE = 10/20/2007
 FILE NAME = N:\A\4400\HEIGHTS\0627\AC\11\LA\15\LA15\LA15.PLT
 PLOT SCALE = 1" = 10'
 USER NAME = PMANGELLI

ORIGINAL
 CHECKED
 SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS CHECKED
 NO.

BY
 DATE
 SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS CHECKED
 NO.



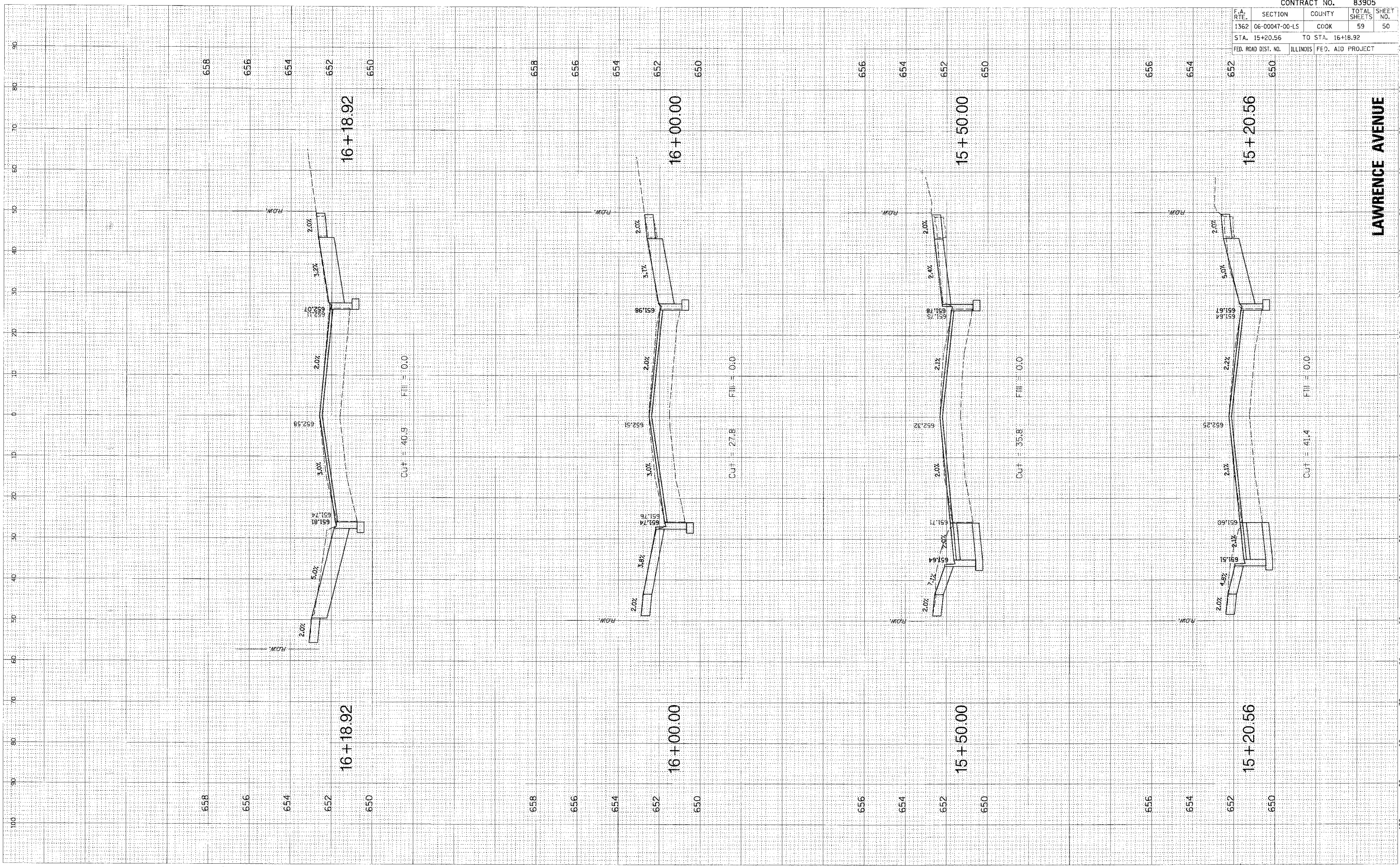
CONTRACT NO.		83905	
F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS
1362	06-00047-00-LS	COOK	59
STA. 13+50.00		TO STA. 15+00.00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

LAWRENCE AVENUE

PLOT DATE = 10/23/2007
 FILE NAME = I:\PROJECTS\HIGHWAYS\0627\AC\15\15R\15R25\15R25.PLT
 PLOT SCALE = 1" = 10'
 USER NAME = PMGNELLI

ORIGINAL SURVEYED
 CHECKED
 PLOTTED
 DATE

FINAL SURVEYED
 CHECKED
 PLOTTED
 DATE



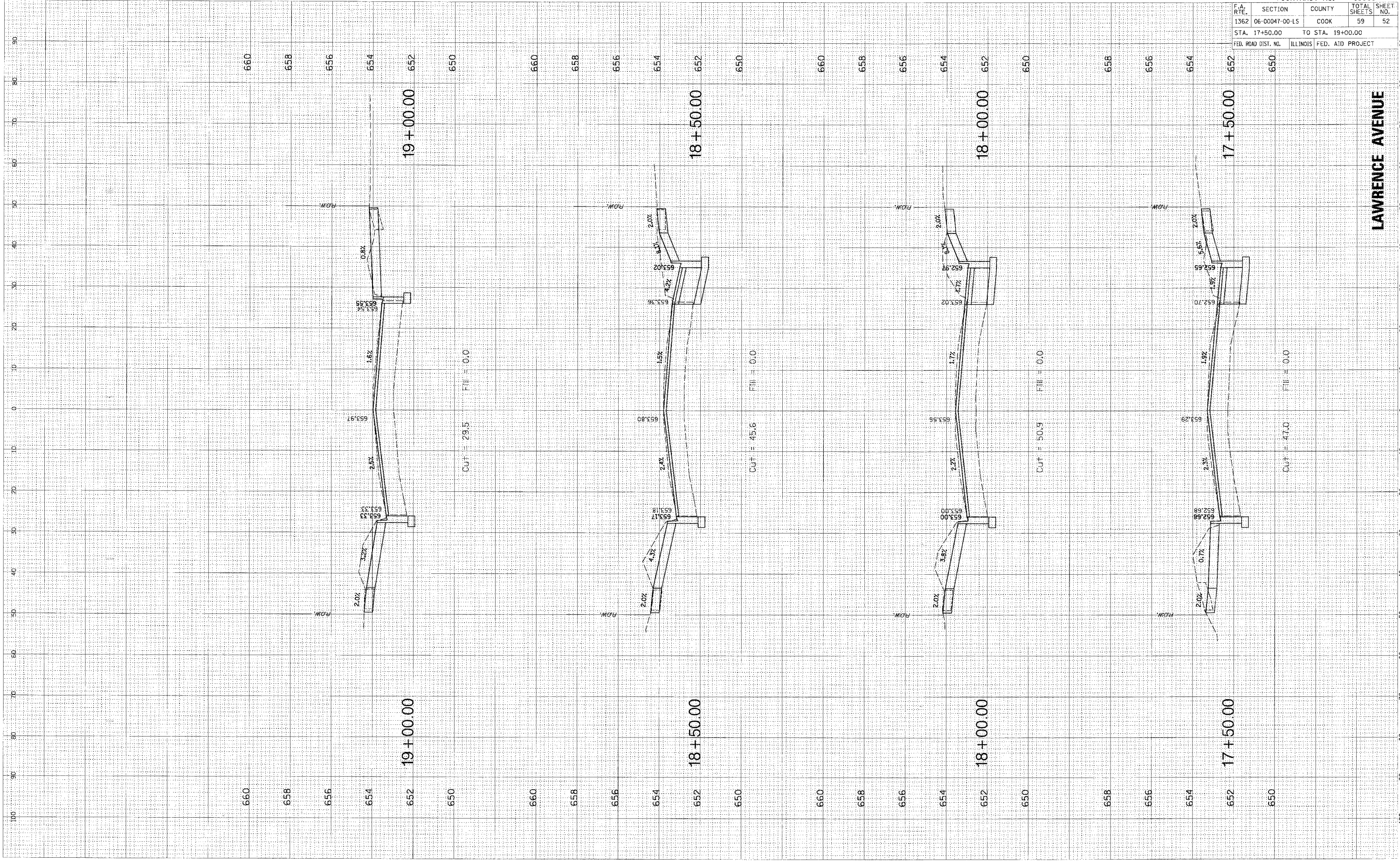
CONTRACT NO. 83905	
F.A. RTE. 1362	SECTION 06-00047-00-LS
COUNTY COOK	TOTAL SHEETS 59
STA. 15+20.56	TO STA. 16+18.92
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT

LAWRENCE AVENUE

PLOT DATE = 10/29/2007
 PLOT SCALE = 1" = 40'
 USER NAME = PMGNELLI

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

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



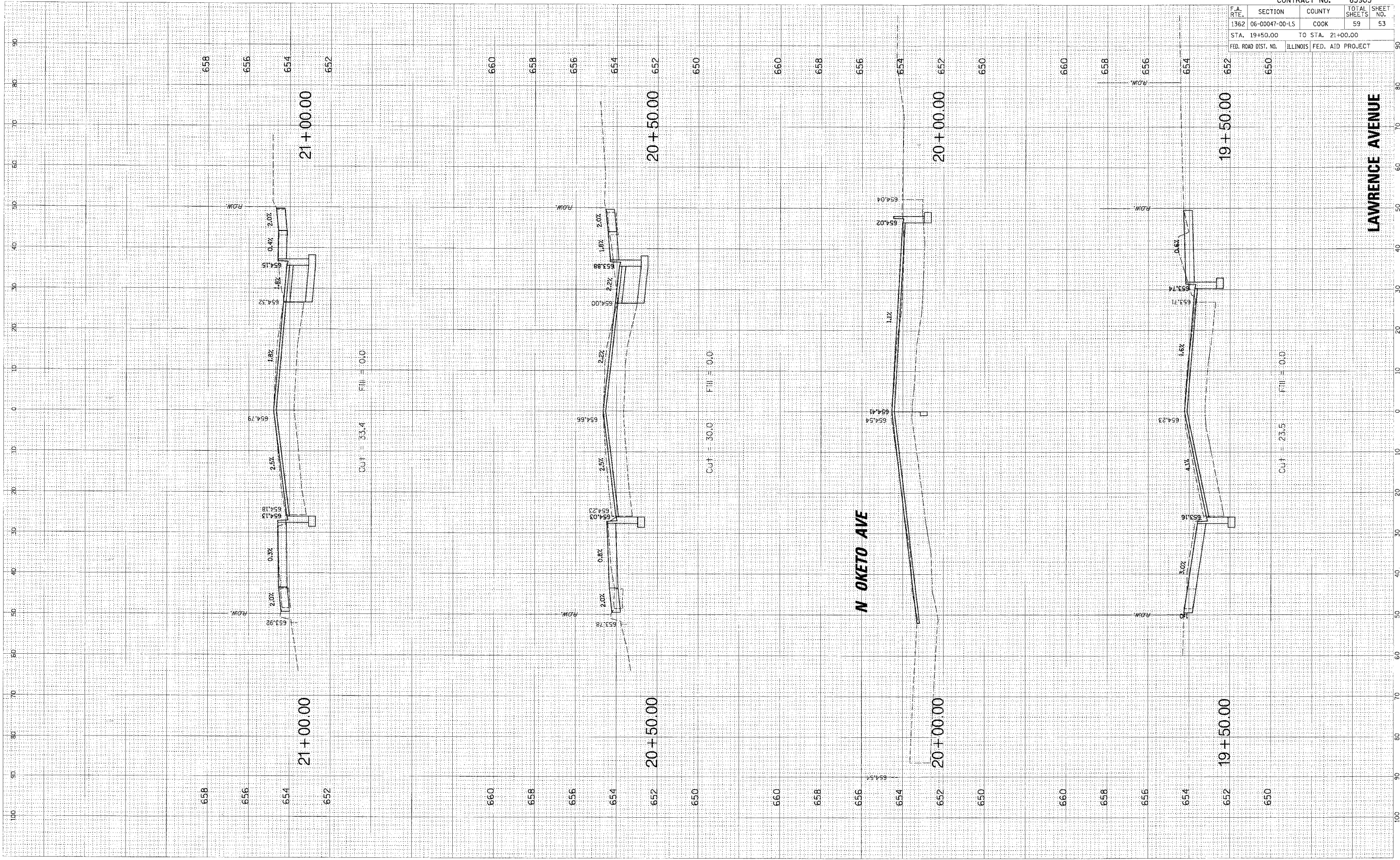
CONTRACT NO. 85905	
F.A. RTE. 1362	SECTION 06-00047-00-LS
COUNTY COOK	TOTAL SHEETS 59
STA. 17+50.00	TO STA. 19+00.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

LAWRENCE AVENUE

PLOT DATE = 10/25/2007
 FILE NAME = N:\HW\06\08\13\130627\06\13\130627\130627.dwg
 PLOT SCALE = 1" = 40'
 USER NAME = PMAGNELLI

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FINAL
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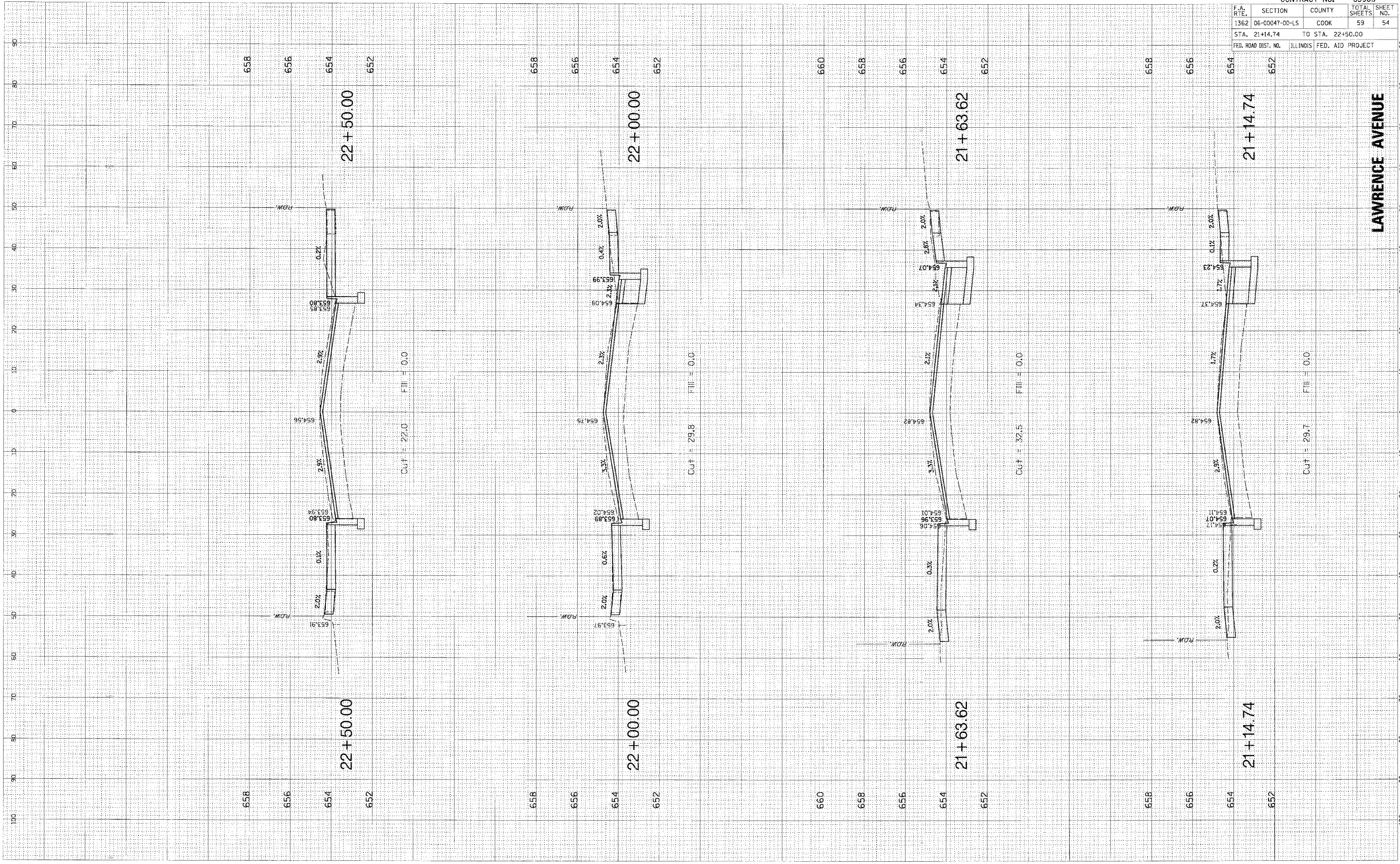
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1362	06-00047-00-LS			COOK		59		53	
STA. 19+50.00				TO STA. 21+00.00					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT							

CUT = 23.5 FILL = 0.0

PLOT DATE = 10/25/2007
 PLOT NAME = I:\PROJECTS\2007\10\25\102527\102527.dwg
 PLOT SCALE = 1" = 40'
 USER NAME = PMAGNELLI

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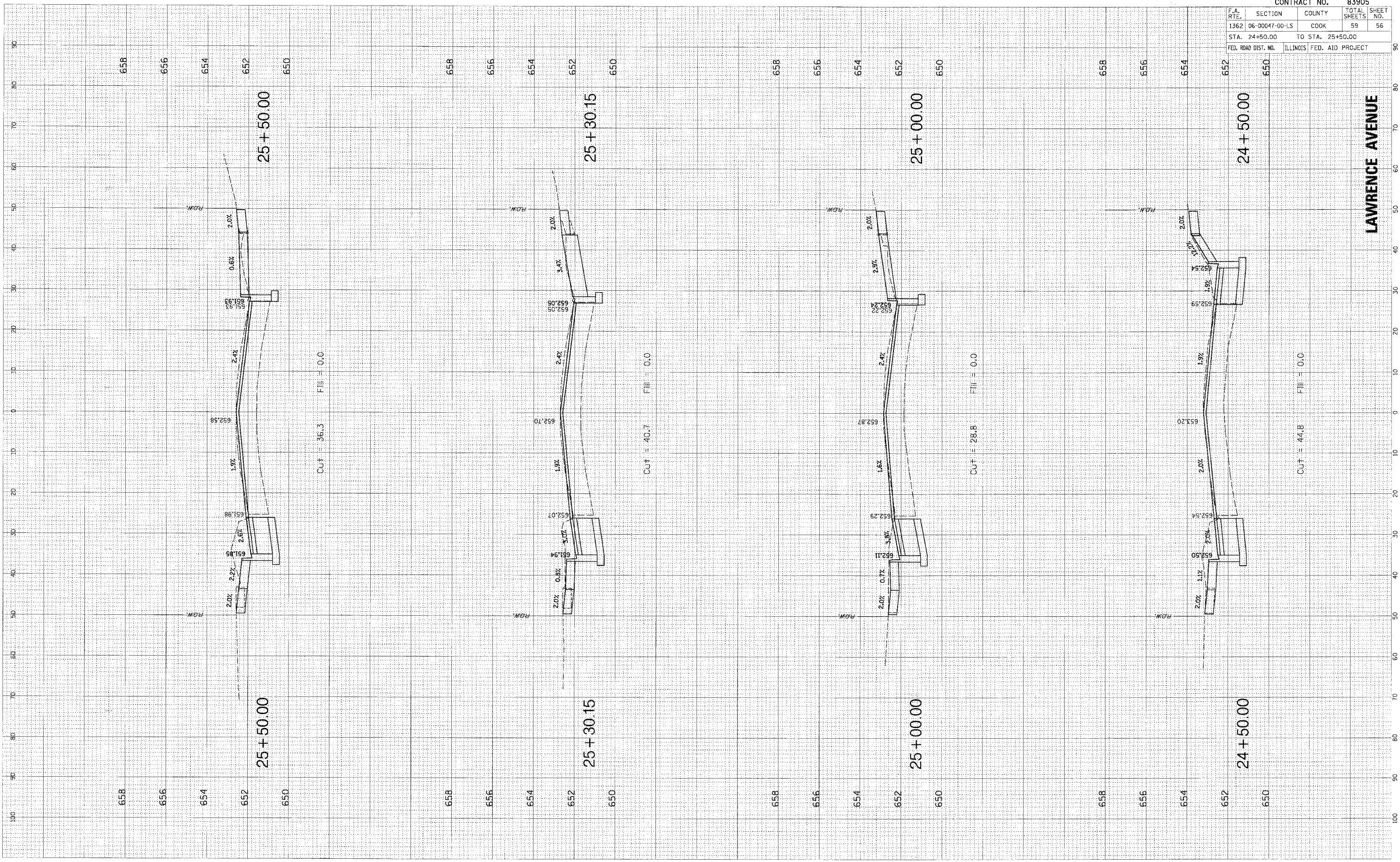
CONTRACT NO. 83905				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1362	06-00047-00-LS	COOK	59	54
STA. 21+14.74		TO STA. 22+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LAWRENCE AVENUE

PLOT DATE = 10/26/2007
 FILE NAME = N:\HWY60\HEIGHTS\0627\0627A\0627A2500.DWG
 PLOT SCALE = 1" = 40'
 USER NAME = PMAGNELLI

ORIGINAL SURVEYED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 AREAS CHECKED

FINAL SURVEYED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 AREAS CHECKED



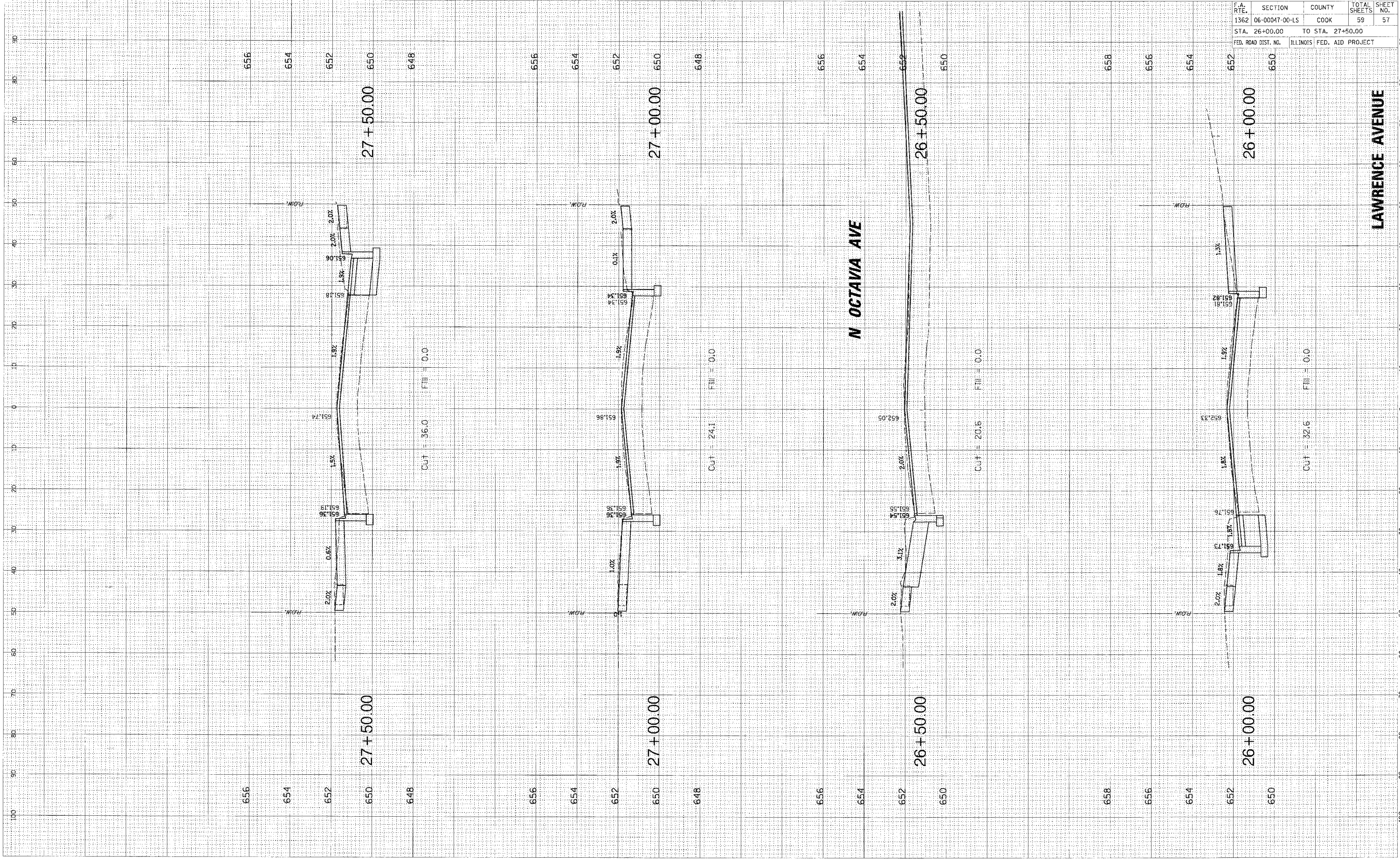
CONTRACT NO. 83905	
F.A. RTE. 1362	SECTION 06-00047-00-LS
COUNTY COOK	TOTAL SHEETS 59
STA. 24+50.00	TO STA. 25+50.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

LAWRENCE AVENUE

PLOT DATE = 10/25/2007
 PLOT SCALE = 1" = 40'
 USER NAME = PHAGNELLI

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 REVISION
 NO. DATE

FINAL
 SURVEYED
 PLOTTED
 REVISION
 NO. DATE



CONTRACT NO. 83905	
F.A. RTE. 1362	SECTION 06-00047-00-LS
COUNTY COOK	TOTAL SHEETS 59
STA. 26+00.00	TO STA. 27+50.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

LAWRENCE AVENUE

N OCTAVIA AVE

PLOT DATE = 10/29/2007
 FILE NAME = C:\P\ROAD\HEIGHTS\B2727C\LA\B2727C.LAN
 PLOT SCALE = 1" = 20'
 USER NAME = PMAGNELLI

ORIGINAL BY DATE
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 PLOTTED BY DATE
 NOTE BOOK NO.
 AREAS CHECKED

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

CONTRACT NO. 83905	
F.A. RTE. 1362	SECTION 06-00047-00-LS
COUNTY COOK	TOTAL SHEETS 59
STA. 28+00.00	TO STA. 30+00.00
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT

