

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	1

KANE COUNTY

STATE OF ILLINOIS

PROPOSED FEDERAL AID ROADWAY RECONSTRUCTION

**FAU ROUTE 2509 (SOUTH MCLEAN BOULEVARD)
SOUTH OF HOPPS RD/SPRING ST. TO NORTH OF BOWES RD.**

**SECTION NO. 96-00094-01-WR
PROJECT CMM-M-7003(372)
C-91-312-96**



KANE COUNTY

APPROVED April 5 2007
[Signature]
KANE COUNTY

PASSED April 11 2007
[Signature] CHRISTOPHER HOLT
ENGINEER OF LOCAL ROADS AND STREETS

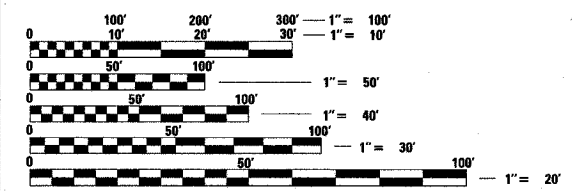
RELEASING FOR BID
BASED ON LIMITED
REVIEW April 12 2007
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS/REGION 1 ENGINEER

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DESIGN DESIGNATION:
3760(20) 40,000 ARTERIAL 4.90 (FD-20)
DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH

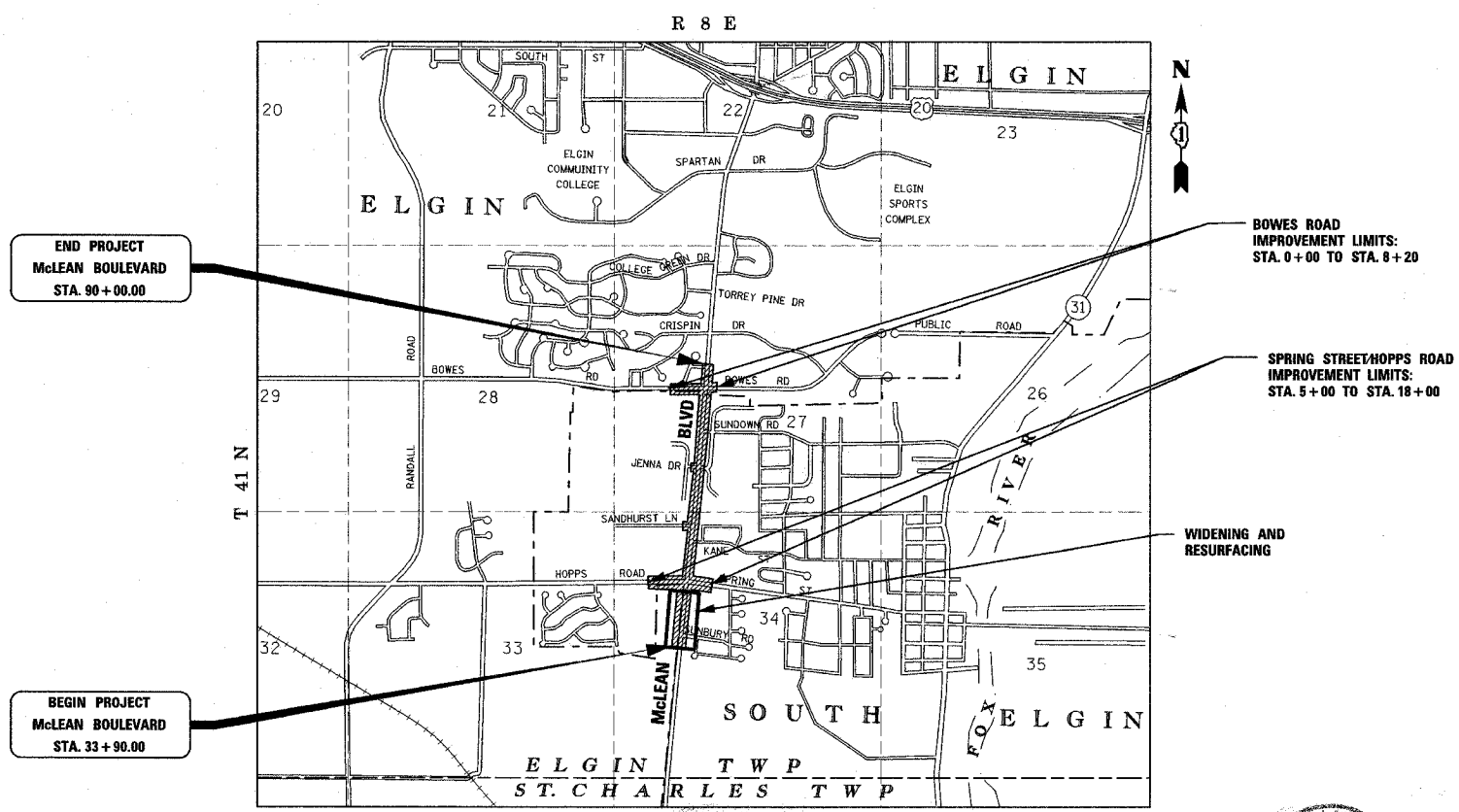
SCALES: PLAN: 1" = 20'
 PROFILE, HORIZ.: 1" = 20'
 PROFILE, VERT.: 1" = 5'
 CROSS SECTIONS, HORIZ.: 1" = 10'
 CROSS SECTIONS, VERT.: 1" = 5'



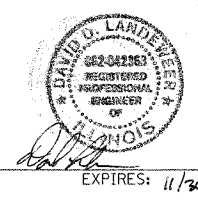
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123

CONTRACT NO. 83737



GROSS LENGTH OF IMPROVEMENT = 1.099 MILES
 NET PROJECT LENGTH = 1.099 MILES



DATE: 4/4/07

FEDERAL AID DESIGN ENGINEER: JESSICA FELICIANO 847-705-4487 URS DESIGN ENGINEER: DAVID LANDEWEER 312-935,1000

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

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

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS AND THE PLANS.

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE COUNTY AND STATE IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE COUNTY OR STATE WITHIN THE DURATION OF THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND 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 OWNER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

STAKING

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

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN AT POINTS OF CURVE, ETC., ARE TOP OF CURB, UNLESS OTHERWISE NOTED.

DRAINAGE STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS:

- A) FOR STRUCTURES FALLING IN THE CURB LINE, TO EDGE OF PAVEMENT;
- B) FOR ALL OTHER STRUCTURES, TO THE CENTER OF THE STRUCTURE.

THE LOCATIONS OF TAPERED TOP OPENINGS ARE TO BE DETERMINED IN THE FIELD.

ALL ELEVATIONS ARE ON U.S.G.S DATUM.

ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE CENTERLINE AS SHOWN ON THE PLANS.

SEWERS AND WATER MAINS

ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN IN AN OPERATING CONDITION TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

THE COST OF INTERCONNECTIONS BETWEEN THE PROPOSED AND EXISTING SEWER SYSTEMS AND PROPOSED AND EXISTING WATER MAIN SYSTEMS SHALL BE INCLUDED IN THE VARIOUS UNIT PRICES OF THE PROPOSED SYSTEM.

ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY OF THE COUNTY OR STATE, AS APPLICABLE. ANY ITEMS DAMAGED DURING REMOVAL SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE COST OF SALVAGING EXISTING FRAMES, GRATES, LIDS, OR BOXES AND/OR STOCKPILING THEM ON THE JOB SITE FOR PICK-UP BY THE COUNTY OR STATE OR DELIVERY TO THE COUNTY OR STATE MAINTENANCE YARD SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED, AS PART OF THIS CONTRACT, SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: FOR STORM SEWER STRUCTURES-"STORM". FOR SANITARY SEWER STRUCTURES-"SANITARY". FOR WATER SYSTEM STRUCTURES-"WATER". ANY ADDITIONAL COST FOR THIS REQUIREMENT SHALL BE CONSIDERED INCIDENTAL TO THE FRAME AND CLOSED LID PROVIDED.

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION AND CROSS SLOPE OF THE AREA IN WHICH THEY ARE LOCATED.

EXISTING WATER MAINS NO LONGER IN SERVICE ARE TO BE LEFT IN PLACE AND ABANDONED. WHEN A SECTION OF THESE WATER MAINS HAVE TO BE REMOVED, THE OPEN ENDS OF REMAINING WATER MAIN IS TO BE GROUTED AND CAPPED. MINIMUM 5 FT FROM EACH END SHALL BE FILLED WITH NON-SHRINKING GROUT AND THEN CAPPED IN ACCORDANCE WITH THE STANDARD PRACTICE. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE OF WATER MAIN REMOVAL.

BACKFILL

STORM SEWER, WATER MAIN, AND SANITARY SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY, OR AS DIRECTED BY THE ENGINEER.

ALL TRENCH BACKFILL QUANTITIES FOR STORM AND SANITARY SEWER AND WATER MAIN HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE.

MISCELLANEOUS

THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS, AND PEDESTRIAN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT. THIS ITEM SHALL BE INCLUDED IN THE ITEM "AGGREGATE FOR TEMPORARY ACCESS."

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT.

WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.

ALL DISTURBED AREAS WITHIN THE PROJECT THAT ARE NOT OTHERWISE SURFACED SHALL BE SEEDED OR SODDED. LIMITS ON THE PLANS ARE THE MAXIMUM PAY WIDTHS FOR PAYMENT PURPOSES.

ALL TYPE I AND II BARRICADES SHALL BE WEIGHTED DOWN WITH TWO SANDBAGS EACH.

THE CONTRACTOR SHALL PREPARE THE SUBGRADE IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS PRIOR TO THE REMOVAL OF ANY UNSTABLE MATERIALS.

THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL EXISTING MAILBOXES WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS, AND AFTER COMPLETION OF ROADWAY CONSTRUCTION, TO SET THEM IN THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE IN CONFORMANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS, AND THE COST WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

SIGNING

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR, ENGINEER AND KANE CO. DOT MAINTENANCE PERSONNEL SHALL INVENTORY THE LOCATION, SIZE, TYPE AND CONDITION OF ALL EXISTING SIGNS. ANY SIGN DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ALL SIGNS SHALL BE ERECTED IN STRICT CONFORMANCE WITH SECTION 720 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND BY STATE PRE-QUALIFIED CONTRACTOR PERSONNEL, SUCH AS A SUB CONTRACTOR THAT SPECIALIZES IN TRAFFIC CONTROL AND SIGN PLACEMENT. TO INSURE THIS OPERATION IS PERFORMED CORRECTLY THERE WILL BE A WALKTHRU ON THE JOB WITH THE ENGINEER AND KANE CO. DOT MAINTENANCE PERSONNEL AS PART OF THE OVERALL PUNCH LIST.

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

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

THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS DURING CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.

ALL SIGNS SHALL BE INSTALLED OR RELOCATED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. THIS WORK SHALL BE PAID FOR USING THE APPROPRIATE PAY ITEM.

ALL REMOVED SIGNS WILL BE RETURNED TO THE COUNTY OR STATE, AS APPLICABLE.

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

THE TERM WORK "BY OTHERS" IS TO BE INTERPRETED AS A WORK OR ON-GOING WORK TO BE COMPLETED UNDER A SEPARATE CONTRACT. THIS WORK INCLUDES WATER MAIN RELOCATION, PRIVATE UTILITY RELOCATIONS, PRIVATE UTILITY ADJUSTMENTS, WORK ALREADY COMPENSATED UNDER A ROW ACQUISITION (REPLACEMENT/RELOCATION OF PRIVATELY OWNED SIGNS AND LIGHTS, ETC). SEE ROADWAY PLANS FOR THE SPECIFIC LOCATIONS OF THE WORK.

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD

GENERAL NOTES

SCALE: NONE
DATE 04/06/2007

DRAWN BY VAP
CHECKED BY NAP

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2509	96-00094-01-WR	KANE	187	3
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES CONTINUE

REMOVAL OF FOLLOWING ITEMS, WHEN NO LONGER IN USE, WILL NOT BE PAID FOR SEPARATELY. THE PRICE OF REMOVAL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE EARTH EXCAVATION:
 EXISTING PIPE CULVERTS AND FLARED SECTIONS UNDER THE ENTRANCES
 TEMPORARY PIPE UNDERDRAINS (FABRIC LINED TRENCH) UTILIZED DURING THE STAGED CONSTRUCTIONS
 TEMPORARY PIPE CULVERTS UNDER THE ENTRANCES UTILIZED DURING THE STAGED CONSTRUCTIONS
 TEMPORARY EROSION CONTROL MEASURES UTILIZED DURING THE STAGED CONSTRUCTIONS.

THE APPROXIMATE LOCATIONS OF POROUS GRANULAR EMBANKMENT, SUBGRADE ARE SHOWN ON THE PLANS. A DEPTH OF 1 FOOT BELOW PROPOSED BOTTOM OF AGGREGATE SUBGRADE SHALL BE THE LIMITS OF PGE, SUBGRADE. THE EXACT LOCATION AND DEPTH OF PGE, SUBGRADE SHALL BE DETERMINED IN THE FIELD AND AS DIRECTED BY THE ENGINEER.

SEDIMENTATION AND EROSION CONTROL NOTES

SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL-STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

SOIL-EROSION AND SEDIMENT-CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF THE ACTIVE HYDROLOGIC DISTURBANCE, OR REDISTURBANCE.

AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN 3H:1V SHALL BE STABILIZED WITH SOD, MAT, OR BLANKET IN COMBINATION WITH SEEDING.

EROSION-CONTROL BLANKET SHALL BE REQUIRED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN NORMAL WATER LEVEL AND HIGH-WATER LEVEL.

ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT-CONTROL MEASURE.

ALL TEMPORARY EROSION - AND SEDIMENT-CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

ALL TEMPORARY AND PERMANENT EROSION-CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED BY THE CONTRACTOR AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.

A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY, OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY, OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT-DISPOSAL AREA.

SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES.

IF DE-WATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT-CONTROL MEASURE (e.g., SEDIMENT TRAP, SEDIMENT BASIN, INLET FILTERS, OR OTHER APPROPRIATE MEASURE).

THE EROSION-CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

STATE STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001-01 AREAS OF REINFORCEMENT REBARS
- 280001-03 TEMPORARY EROSION CONTROL SYSTEM
- 424001-04 CURB RAMPS FOR SIDEWALKS
- 442201-02 CLASS C AND D PATCHES
- 542301-01 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542401 METAL END SECTION FOR PIPE CULVERTS
- 602001 CATCH BASIN, TYPE A
- 601001-01 SUBSURFACE DRAINS
- 602011 CATCH BASIN, TYPE C
- 602301-01 INLET, TYPE A
- 602401-01 MANHOLE, TYPE A
- 602601-01 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-01 MANHOLE STEPS
- 604001-02 FRAME AND LIDS TYPE 1
- 604036-01 GRATE, TYPE 8
- 604091-01 FRAME AND GRATE, TYPE 24
- 606001-03 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606006-01 OUTLETS FOR CONC. CURB AND GUTTER TYPE B-6.24
- 606301-03 PC CONCRETE ISLANDS AND MEDIANS
- 667101 PERMANENT SURVEY MARKERS
- 701201-02 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45MPH
- 701311-02 LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY >
- 701326-02 LANE CLOSURE 2L, 2W PAVEMENT WIDENING FOR SPEEDS > 45MPH
- 701501-03 URBAN LANE CLOSURE 2L, 2W UNDIVIDED
- 701606-04 URBAN LANE CLOSURE MULTILANE 2W WITH MOUNTABLE MEDIAN
- 701701-04 URBAN LANE CLOSURE MULTILANE INTERSECTION
- 701801-03 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 702001-06 TRAFFIC CONTROL DEVICES
- 704001-03 TEMPORARY CONCRETE BARRIER
- 720001 SIGN PANEL MOUNTING DETAILS
- 720006-01 SIGN PANEL ERECTION DETAILS
- 720011 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 720016-01 MAST ARM MOUNTED STREET NAME SIGNS
- 729001 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS MARKERS)
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 805001 ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001-01 HANDHOLES
- 814006-01 DOUBLE HANDHOLES
- 857001 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 877001-02 STEEL MAST ARM ASSEMBLY AND POLE
- 878001-05 CONCRETE FOUNDATION DETAILS
- 880001 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006 TRAFFIC SIGNAL MOUNTING DETAILS

DISTRICT DETAILS

- BD-01 DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE OF CURB/ EDGE OF SHOULDER ≥ 15' (4.5m)
- BD-02 DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15' (4.5m)
- BD-7 DETAIL OF STORM SEWER CONNECTING TO EXISTING SEWER
- BD-8 DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD-24 CURB AND CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD-32 BUTT JOINT AND HMA TAPER
- BD-36 FIRE HYDRANT TO BE MOVED
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
- TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
- TC-22 TEMPORARY INFORMATION SIGNING
- TS-05 DISTRICT 1 TRAFFIC SIGNAL STANDARD DETAILS

URS 100 SOUTH WACKER DRIVE
 SUITE 500 TEL (312) 939-1000
 CHICAGO, IL 60606 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD

GENERAL NOTES
AND STANDARDS

SCALE:
 DATE 04/06/2007

DRAWN BY
 CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	4
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CONTRACT NO. 83737				

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY STU 1000-2A	SPRING TRAF SIGNAL STU Y031-1F	BOWES TRAF SIGNAL STU Y031-1F	LIGHT SPRING STU Y030-1E	LIGHT BOWES STU Y030-1E	INTER-CONNECT CMAQ Y031-1F	STATE 100% 1000-2A	VILLAGE NON-PART SPRING Y031-1F	VILLAGE NON-PART BOWES Y031-1F
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,380	1,380								
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	224	224								
20101100	TREE TRUNK PROTECTION	EACH	20	20								
20200100	EARTH EXCAVATION	CU YD	29,754	28,342						1412		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	4,817	4,695						122		
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	10,000	8,000						2000		
20800150	TRENCH BACKFILL	CU YD	6,277	3,555						2722		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	31,988	25,312						6676		
* 25000210	SEEDING, CLASS 2A	ACRE	5.1	3.9						1.2		
* 25000350	SEEDING, CLASS 7	ACRE	0.3	0.3								
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	459	352						107		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	459	352						107		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	459	352						107		
* 25100115	MULCH, METHOD 2	ACRE	5.1	3.9						1.2		
* 25200110	SODDING, SALT TOLERANT	SQ YD	7,293	6,231						1062		
25200200	SUPPLEMENTAL WATERING	UNIT	305	245						60		
28000300	TEMPORARY DITCH CHECKS	EACH	8	6						2		
28000400	PERIMETER EROSION BARRIER	FOOT	14,070	10,950						3120		
28000500	INLET AND PIPE PROTECTION	EACH	69	63						6		
28000510	INLET FILTERS	EACH	300	240						60		
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3,145	2,472						673		
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	143							143		
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	599	471						128		
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	14,209	9,808						4401		
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	140	110						30		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL.	374	308						66		
40600300	AGGREGATE (PRIME COAT)	TON	58	50						8		
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	6	5						1		
40600535	LEVELING BINDER (HAND METHOD), N 70	TON	15	15								
40600635	LEVELING BINDER (MACHINE METHOD), N 70	TON	38	38								
40600895	CONSTRUCTING TEST STRIP	EACH	5	4						1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	SQ YD	332	285						47		
40600990	TEMPORARY RAMP	SQ YD	399	285						114		
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N 70	TON	25,271	24,202						1069		
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N 50	TON	103	91						12		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N 70	TON	660	570						90		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	112	90						22		
42001300	PROTECTIVE COAT	SQ YD	9,044	8,459						585		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	43							43		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1,312	1,047						265		

* SPECIALTY ITEM

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NAME	DATE

URS 100 SOUTH WACKER DR, STE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

MCLEAN BOULEVARD
SUMMARY OF QUANTITIES

SCALE: NONE DRAWN BY ARM
DATE 4/6/2007 CHECKED BY DDL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509 96-00094-01-WR		KANE	187	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83737

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY STU 1000-2A	SPRING TRAF SIGNAL STU Y031-1F	BOWES TRAF SIGNAL STU Y031-1F	LIGHT SPRING STU Y030-1E	LIGHT BOWES STU Y030-1E	INTER-CONNECT CMAQ Y031-1F	STATE 100% 1000-2A	VILLAGE NON-PART SPRING Y031-1F	VILLAGE NON-PART BOWES Y031-1F
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	30,396	29,307						1089		
42400800	DETECTABLE WARNINGS	SQ FT	420	390						30		
44000100	PAVEMENT REMOVAL	SQ YD	25,276	23,768						1508		
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	8,714	6,130						2584		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,645	1,925						720		
44000300	CURB REMOVAL	FOOT	755	755								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,350	4,598						752		
44000600	SIDEWALK REMOVAL	SQ FT	5,051	5,051								
44002020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	900	856						44		
44003100	MEDIAN REMOVAL	SQ FT	66	66								
44201811	CLASS D PATCHES, TYPE I, 14 INCH	SQ YD	180	72						108		
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	135	54						81		
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	90	36						54		
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	45	18						27		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	4,315	2,615						1700		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	569	569								
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	438	438								
50300225	CONCRETE STRUCTURES	CU YD	29	29								
50500505	STUD SHEAR CONNECTORS	EACH	160	160								
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2,620	2,620								
54200640	PIPE CULV. TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"	FOOT	165	165								
5421C015	PIPE CULVERTS, CLASS C, TYPE 1 15" (TEMPORARY)	FOOT	411	401						10		
54213867	STEEL END SECTIONS 12"	EACH	2	2								
54213870	STEEL END SECTIONS 15"	EACH	4	4								
54248510	CONCRETE COLLAR	CU YD	7.2	5.7						1.5		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2,315	2,010						305		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	232	232								
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	6	6								
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	26	26								
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	1,267	1,267								
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	372	372								
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	683	75						608		
550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	314	314								
550A0780	STORM SEWERS, CLASS A, TYPE 3, 48"	FOOT	305							305		
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	409	395						14		
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	52	52								
550A2610	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42"	FOOT	100	100								
550A2740	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 3 18"	FOOT	122							122		
55034600	RISE 29 STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 45,	FOOT	335	335								
55035900	RISE 38 STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 60,	FOOT	155	155								

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MCLEAN BOULEVARD

SUMMARY OF QUANTITIES

SCALE: NONE DRAWN BY ARM
DATE 4/6/2007 CHECKED BY DDL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	6
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83737				

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY STU 1000-2A	SPRING TRAF SIGNAL STU Y031-1F	BOWES TRAF SIGNAL STU Y031-1F	LIGHT SPRING STU Y030-1E	LIGHT BOWES STU Y030-1E	INTER-CONNECT CMAQ Y031-1F	STATE 100% 1000-2A	VILLAGE NON-PART SPRING Y031-1F	VILLAGE NON-PART BOWES Y031-1F
55100500	STORM SEWER REMOVAL 12"	FOOT	839	616						223		
55100900	STORM SEWER REMOVAL 18"	FOOT	1,045	179						866		
55101200	STORM SEWER REMOVAL 24"	FOOT	85	85								
56106500	ADJUSTING WATER MAIN, 10"	FOOT	30	30								
56106600	ADJUSTING WATER MAIN, 12"	FOOT	45	45								
56400100	FIRE HYDRANT TO BE MOVED	EACH	3	3								
56400810	FIRE HYDRANT EXTENSION	FOOT	7	7								
60109510	PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"	FOOT	1,061	1,061								
60109550	PIPE UNDERDRAINS, FABRIC LINED TRENCH 12"	FOOT	320	256						64		
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1								
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	53	42						11		
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4	3						1		
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	2	2								
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	4						1		
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24, FRAME AND GRATE	EACH	1	1								
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7								
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13	9						4		
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	5						3		
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1							1		
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1	1								
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	31	31								
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	1	1								
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1								
60255500	MANHOLES TO BE ADJUSTED	EACH	22	16						6		
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	8	6						2		
60260100	INLETS TO BE ADJUSTED	EACH	4	4								
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	18	14						4		
60266500	VALVE VAULTS TO BE REMOVED	EACH	15	12						3		
60404940	FRAMES AND GRATES, TYPE 23	EACH	1	1								
60404950	FRAMES AND GRATES, TYPE 24	EACH	10	8						2		
60500040	REMOVING MANHOLES	EACH	7	3						4		
60500050	REMOVING CATCH BASINS	EACH	3							3		
60500060	REMOVING INLETS	EACH	31	19						12		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3.2	1.6						1.6		
60600605	CONCRETE CURB, TYPE B	FOOT	371	371								
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,134	1,627						507		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	12,512	11,510						1002		
60618200	BITUMINOUS MEDIAN SURFACE	SQ FT	1,753	1,753								
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	828	828								
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	383	76						307		

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MCLEAN BOULEVARD

SUMMARY OF QUANTITIES

SCALE: NONE DRAWN BY ARM
DATE 4/6/2007 CHECKED BY DDL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	7
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83737

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY STU 1000-2A	SPRING TRAF SIGNAL STU Y031-1F	BOWES TRAF SIGNAL STU Y031-1F	LIGHT SPRING STU Y030-1E	LIGHT BOWES STU Y030-1E	INTER-CONNECT CMAQ Y031-1F	STATE 100% 1000-2A	VILLAGE NON-PART SPRING Y031-1F	VILLAGE NON-PART BOWES Y031-1F
66700205	PERMANENT SURVEY MARKERS TYPE I	EACH	10	8							2	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL.MO	18	15							3	
67100100	MOBILIZATION	L.SUM	1	1								
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L.SUM	1	0.8							0.2	
70106800	CHANGEABLE MESSAGE SIGN	CAL.MO	24	24								
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	10,000	8,000							2000	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ.FT	1,456	1,456								
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	140,200	120,418							19782	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	6,490	6,150							340	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	6,130	5,930							200	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1,144	1,109							35	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ.FT	58,400	46,720							11680	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,045	1,045								
72000100	SIGN PANEL - TYPE 1	SQ.FT	258.50	150.25	27.00	28.50					52.75	
72000200	SIGN PANEL - TYPE 2	SQ.FT	41.50	41.50								
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	6								
72400310	REMOVE SIGN PANEL - TYPE 1	SQ.FT	6.3	6.3								
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	20	18							2	
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1								
72400700	RELOCATE SIGN PANEL - TYPE 1	EACH	4	4								
72900100	METAL POST - TYPE A	FOOT	611	468							143	
72900200	METAL POST - TYPE B	FOOT	343	268							75	
72900300	METAL POSTS	FOOT	60	45							15	
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ.FT	1,165	1,019							146	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	25,731	21,023							4708	
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	5,473	4,141							1332	
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	2,169	1,579							590	
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	344	308							36	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	466	390							76	
78300100	PAVEMENT MARKING REMOVAL	SQ.FT	3,500	3,000							500	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	200	160							40	
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2				1	1				
* 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	3617		38	489			3090			
* 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	190		110	80						
* 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	216		102	114						
* 81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1421		173	46	623	329	250			
* 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	580		276	304						
* 81400100	HANDHOLE	EACH	12		3	3			6			
* 81400300	DOUBLE HANDHOLE	EACH	2		1	1						
* 81603000	POLYETHYLENE UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA.	FOOT	5,038				2517	2521				

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MCLEAN BOULEVARD
SUMMARY OF QUANTITIES

SCALE: NONE DRAWN BY ARM
DATE 4/6/2007 CHECKED BY DDL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 83737				

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY STU I000-2A	SPRING TRAF SIGNAL STU Y031-1F	BOWES TRAF SIGNAL STU Y031-1F	LIGHT SPRING STU Y030-1E	LIGHT BOWES STU Y030-1E	INTER-CONNECT CMAQ Y031-1F	STATE 100% 1000-2A	VILLAGE NON-PART SPRING Y031-1F	VILLAGE NON-PART BOWES Y031-1F
* 81702415	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6	FOOT	129				78	51				
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	8,113		255	189	2138	2441	3090			
* 82102310	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT	EACH	24				12	12				
* 82500510	LIGHTING CONTROLLER TYPE CB-RCS 60AMP - 240VOLT	EACH	2				1	1				
* 83008500	LIGHT POLE, ALUMINUM, 40 FT. M.H., 12 FT. MAST ARM	EACH	24				12	12				
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	260	20			120	120				
* 83800505	BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	24				12	12				
* 84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	2				1	1				
* 84200700	LIGHTING FOUNDATION REMOVAL	EACH	4	2			1			1		
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	2	2								
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		1	1						
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2		1	1						
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	2		1	1						
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1833		1395	438						
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2674		1866	808						
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	823		486	337						
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	4675		2462	2213						
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1864			1864						
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	130		71	59						
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	6		4	2						
* 87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2		1	1						
* 87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1			1						
* 87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2		2							
* 87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1		1							
* 87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2			2						
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	24		16	8						
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	8		4	4						
* 87800415	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	120		60	60						
* 87900200	DRILL EXISTING HANDHOLE	EACH	1						1			
* 88030020	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4		2	2						
* 88030100	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6		4	2						
* 88030110	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	12		6	6						
* 88030220	SIGNAL HEAD, L.E.D., 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3		1	2						
* 88102710	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED	EACH	6		4	2						
* 88102740	PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED	EACH	1			1						
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	16		8	8						
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	4			4						
* 88700200	LIGHT DETECTOR	EACH	4							2	2	
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	2							1	1	
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	7		4	3						

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MCLEAN BOULEVARD
SUMMARY OF QUANTITIES


SCALE: NONE DRAWN BY: ARM
DATE: 4/6/2007 CHECKED BY: DDL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 83737				

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY STU 1000-2A	SPRING TRAF SIGNAL STU Y031-1F	BOWES TRAF SIGNAL STU Y031-1F	LIGHT SPRING STU Y030-1E	LIGHT BOWES STU Y030-1E	INTER-CONNECT CMAQ Y031-1F	STATE 100% 1000-2A	VILLAGE NON-PART SPRING Y031-1F	VILLAGE NON-PART BOWES Y031-1F
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		1	1						
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		1	1						
89502380	REMOVE EXISTING HANDHOLE	EACH	10		10							
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9		9							
* A2000112	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	10							1	
* A2005014	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	11	10							1	
X0320139	TEMPORARY CONSTRUCTION FENCE	FOOT	5,000	4,000							1000	
* X0320872	VIDEO VEHICLE DETECTION SYSTEM	EACH	2		1	1						
X0321598	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	5	5								
X0321720	WATER MAIN REMOVAL	FOOT	300	300								
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS), 12 INCH	FOOT	50	50								
X0322344	IMPACT ATTENUATOR REPLACEMENT ASSEMBLY	EACH	6	6								
* X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3830					3830				
X0323005	AUXILIARY VALVE AND VALVE BOX	EACH	1	1								
* X0323670	PREFORMED DETECTOR LOOP	FOOT	129			129						
X0795800	COARSE AGGREGATE	TON	8	8								
X0919000	TEMPORARY PAVEMENT REMOVAL	SQ YD	11,885	7,969							3916	
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	4								4	
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	15	14							1	
X4023000	TEMPORARY ACCESS (ROAD)	EACH	6	6								
X5121800	PERMANENT STEEL SHEET PILING	SQ FT	1,776	1,776								
* X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	2		1	1						
* X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3,855					3855				
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	3205		1624	1581						
* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3C, TWISTED, SHIELDED	FOOT	990								325	665
* XX002056	REOPTIMIZE EXISTING SIGNAL SYSTEM	EACH	1						1			
* XX003583	VIDEO ELECTRIC CABLE IN CONDUIT, NO. 16 3/C	FOOT	1,712		937	775						
* XX003584	VIDEO BELDEN 8281 COAXIAL CABLE IN CONDUIT	FOOT	1,712		937	775						
* XX004923	BATTERY BACK-UP UPS SYSTEM	L SUM	1		0.5	0.5						
XX006055	MANHOLES, TYPE A, 7' DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	3	2							1	
XX006057	GUARDRAIL, SPECIAL	FOOT	145	145								
Z0001050	AGGREGATE SUBGRADE 12'	SQ YD	41,220	39,600							1620	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								
Z0030240	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	6	6								
Z0030340	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2	EACH	6	6								
△ Z0076600	TRAINEES	HOUR	2,000	2,000								

* SPECIALTY ITEM
 △ Y080

REVISIONS	
NAME	DATE



100 SOUTH WACKER DR. STE 500 TEL (312) 939-1000
 CHICAGO, IL 60606 FAX (312) 939-4198

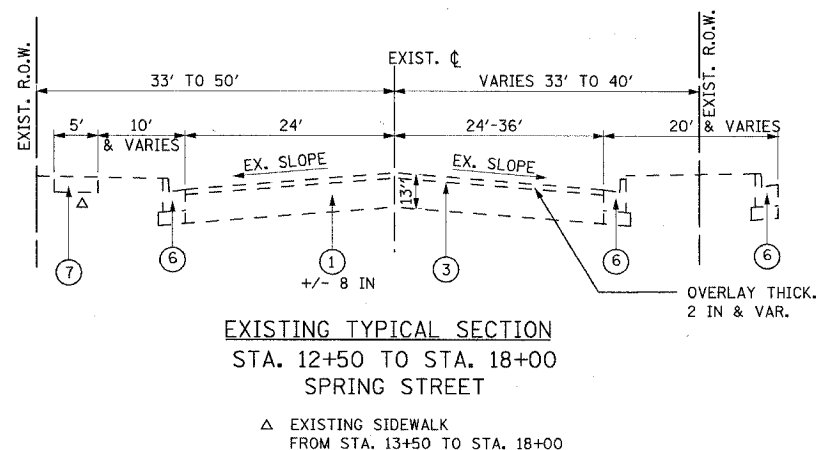
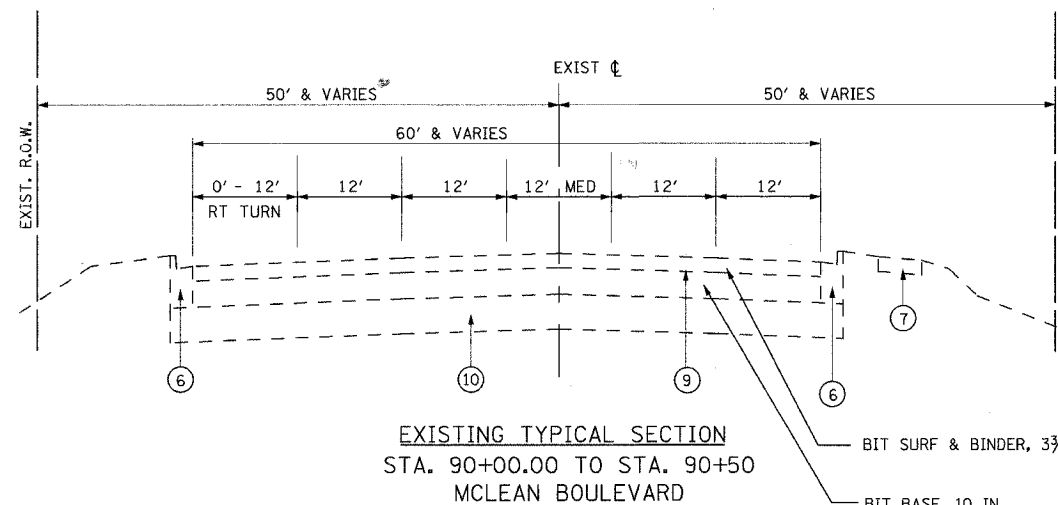
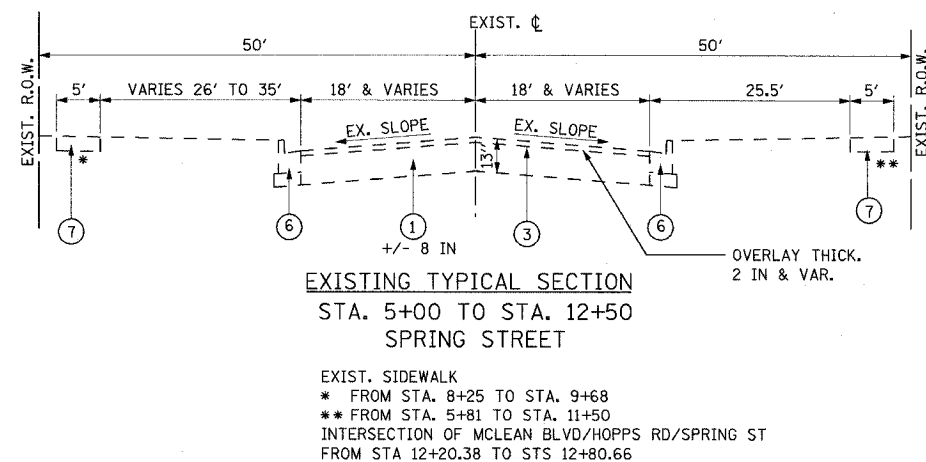
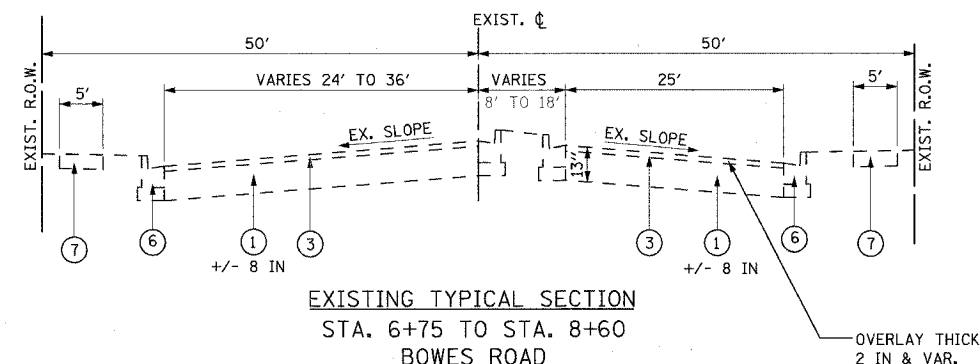
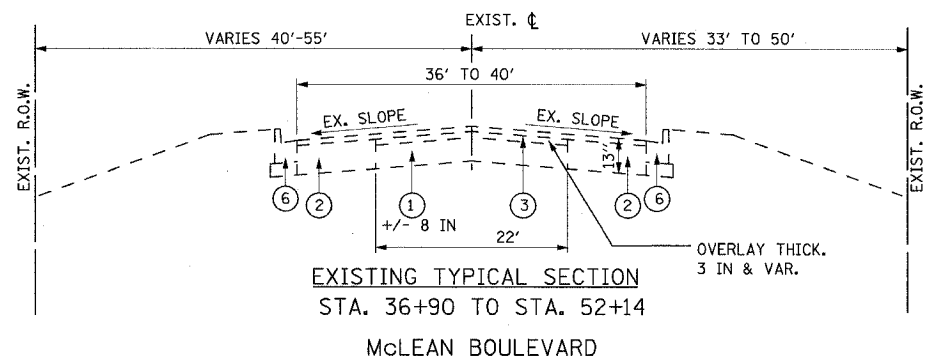
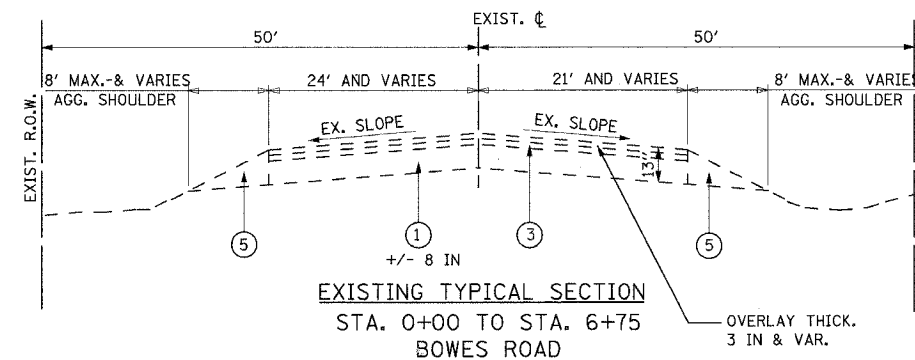
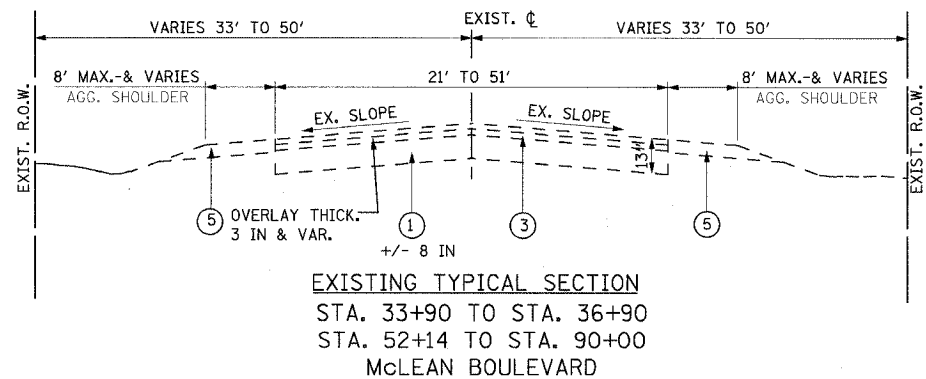
MCLEAN BOULEVARD

SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: 4/6/2007

DRAWN BY: ARM
 CHECKED BY: DDL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND (EXISTING):

- ① EXISTING PCC PAVEMENT
- ② EXISTING BITUMINOUS PAVEMENT WIDENING
- ③ EXISTING ASPHALT PAVEMENT OVERLAY
- ④ NOT USED
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING COMBINATION CONCRETE CURB & GUTTER
- ⑦ EXISTING SIDEWALK
- ⑧ EXISTING BIKE PATH
- ⑨ EXISTING BITUMINOUS PAVEMENT
- ⑩ EXISTING AGGREGATE SUBGRADE

SEE PROPOSED TYPICAL SECTIONS FOR THE LIMITS OF HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH). CONTRACTOR SHALL REMOVE THE VARIABLE DEPTH OF EXISTING BITUMINOUS SURFACE IN ORDER TO PROVIDE DESIRABLE CROSS SLOPES FOR THE FINAL RESURFACING COURSE. THE MINIMUM OF 1/2 INCH EXISTING SURFACE SHALL BE REMOVED REGARDLESS OF THE CROSS SLOPE.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

McLEAN BOULEVARD

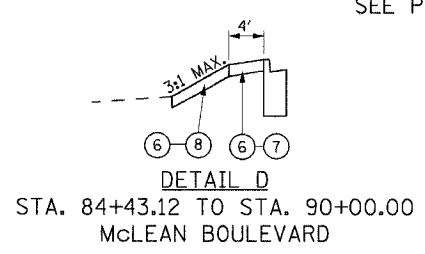
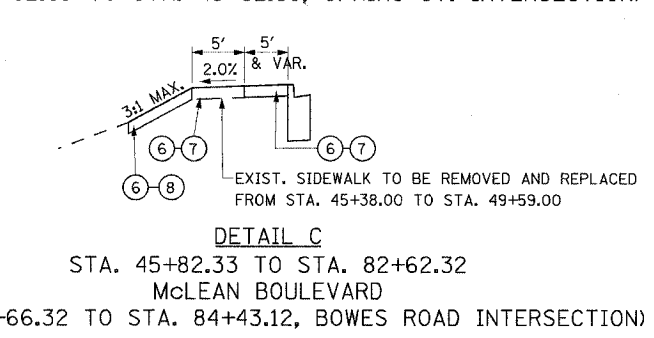
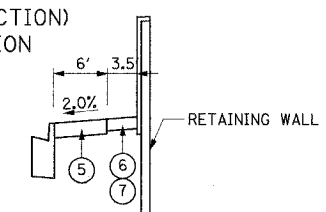
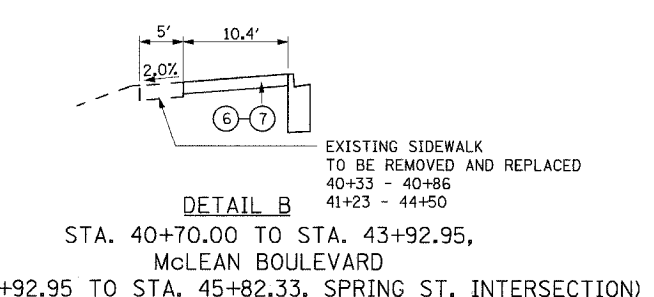
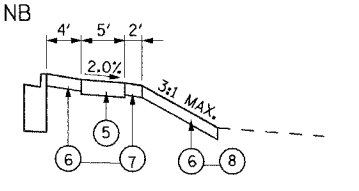
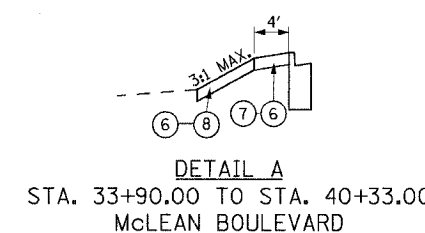
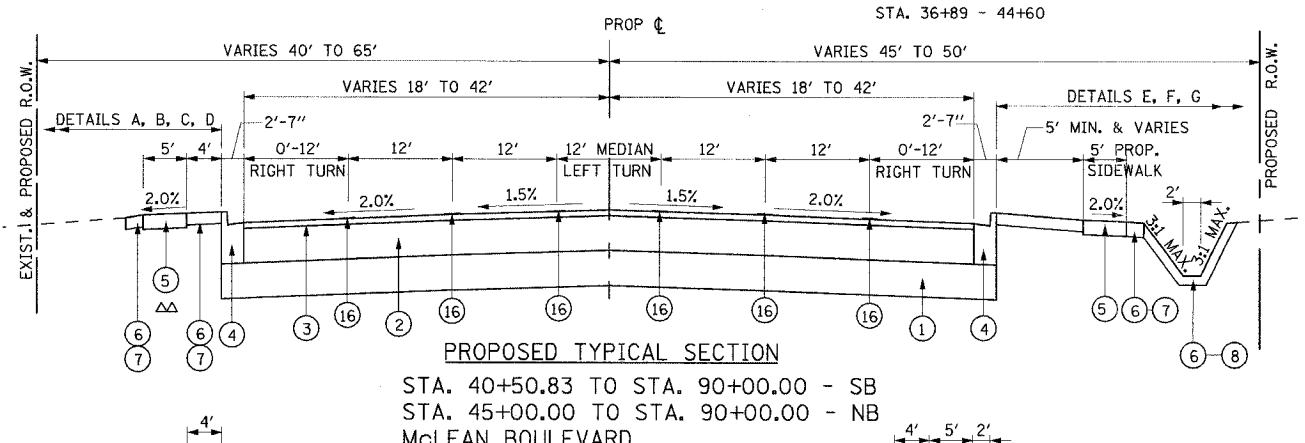
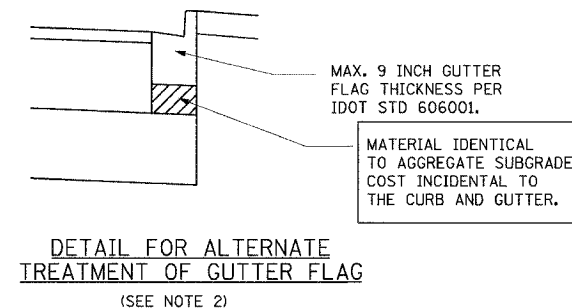
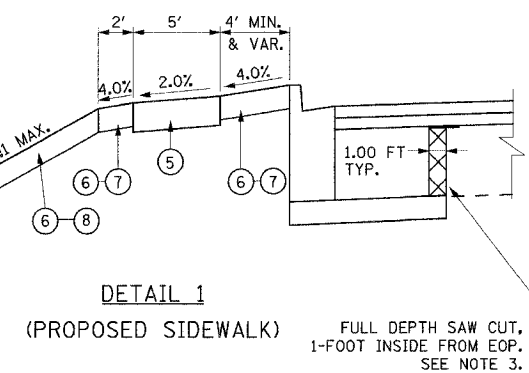
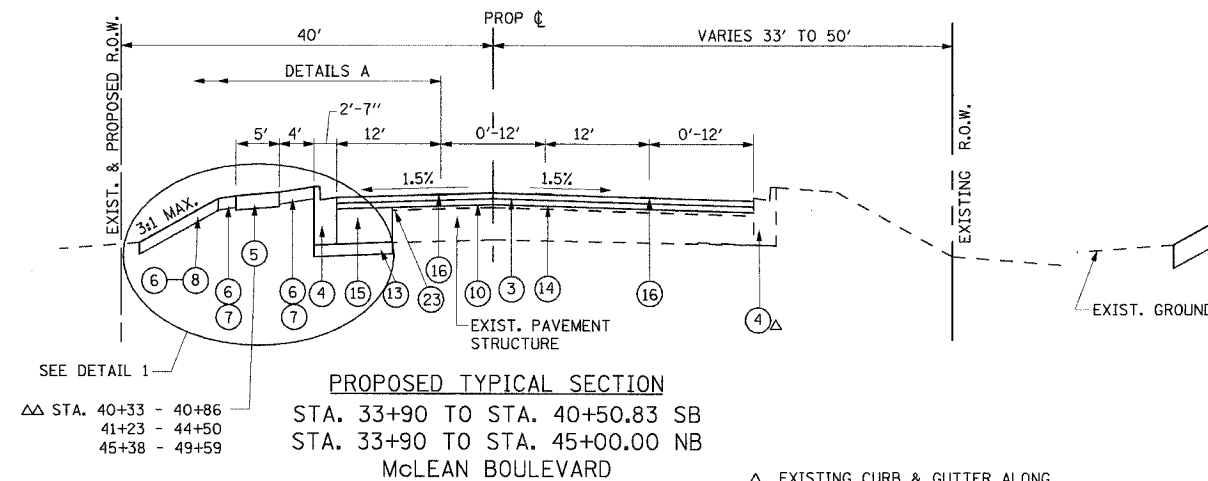
EXISTING TYPICAL SECTIONS
McLEAN BOULEVARD, SPRING STREET
AND BOWES ROAD

SCALE: DRAWN BY 501
DATE 04/06/2007 CHECKED BY ...

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND (PROPOSED):

- 1 AGGREGATE SUBGRADE 12"
- 2 HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 1 1/4"
- 3 HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 5 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- 6 TOP SOIL FURNISH AND PLACE, 4 INCH
- 7 SODDING, SALT TOLERANT
- 8 SEEDING, CLASS 2A
- 9 HOT-MIX ASPHALT SHOULDER, 8"
- 10 HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH).
- 11 AGGREGATE SHOULDERS, TYPE B 6"
- 12 NOT USED
- 13 SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- 14 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- 15 HOT-MIX ASPHALT BASE COURSE WIDENING, 10"
- 16 POLYUREA PAVEMENT MARKING TYPE-I LINE 4"
- 17 NOT USED
- 18 NOT USED
- 19 NOT USED
- 20 BITUMINOUS MEDIAN SURFACE, 4"
- 21 COARSE AGGREGATE
- 22 COMBINATION CURB AND GUTTER, TYPE B-6.12
- 23 STRIP REFLECTIVE CRACK CONTROL TREATMENT



HOT-MIX ASPHALT MIXTURE REQUIREMENTS

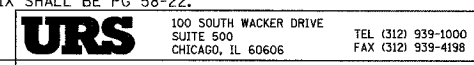
MIXTURE TYPE	AC TYPE	AIR VOIDS	USE
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) 2"	PG64-22	4.0% @ 70 GYR.	ROADWAY
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 1 1/4"	PG64-22/58-22*	4.0% @ 70 GYR.	ROADWAY
HOT-MIX ASPHALT BASE COURSE, 6"	PG64-22/58-22*	4.0% @ 50 GYR.	DRIVEWAYS
HOT-MIX ASPHALT BASE COURSE, 8"	PG64-22/58-22*	4.0% @ 50 GYR.	DRIVEWAYS
HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	PG64-22/58-22*	4.0% @ 50 GYR.	ROADWAY & TEMP PAVEMENT
HOT-MIX ASPHALT SHOULDER, 8"	PG64-22/58-22*	2.0% @ 30 GYR.	SHOULDERS
LEVELLING BINDER (HAND METHOD), N70	PG64-22/58-22*	4.0% @ 70 GYR.	ROADWAY
LEVELLING BINDER (MACHINE METHOD), N70	PG64-22/58-22*	4.0% @ 70 GYR.	ROADWAY
CLASS D PATCHES, OF TYPE AND THICKNESS SPECIFIED, (HMA BINDER IL-19 mm)	PG64-22/58-22*	4.0% @ 70 GYR.	ROADWAY
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm)	PG64-22	4.0% @ 50 GYR.	INCIDENTAL SURFACE (M.O.T.), DRIVES, MEDIAN SURFACE

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.

NOTES:

- RATE OF 112 LB/SQ.YD. INCH IS USED FOR ALL BITUMINOUS MIXTURES
- GUTTER FLAG THICKNESS SHALL MATCH THAT OF THE PAVEMENT THICKNESS. SEE DETAIL FOR ALTERNATE TREATMENT.
- SAW CUT WILL NOT BE PAID FOR SEPARATELY. IT SHALL BE INCLUDED IN THE UNIT PRICE OF HOT-MIX ASPHALT BASE COURSE WIDENING, 10".

REVISIONS	
NAME	DATE

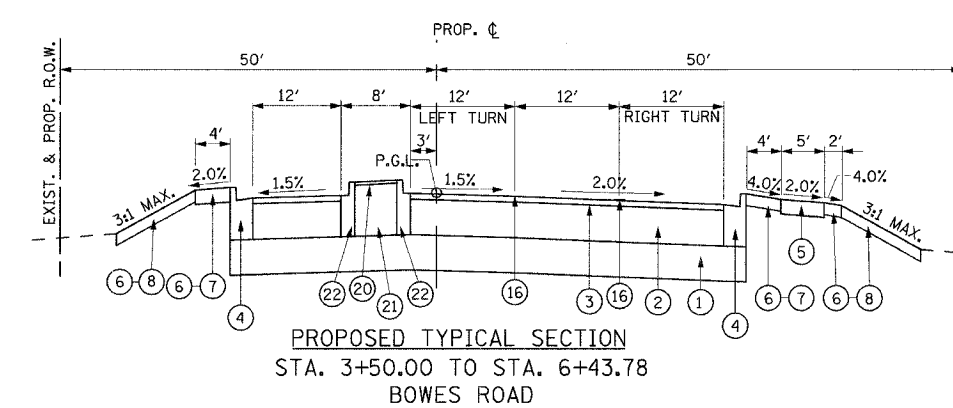
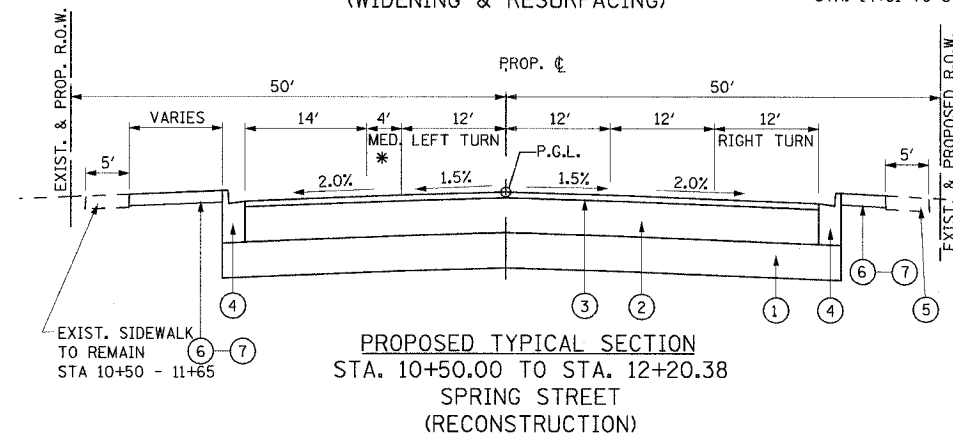
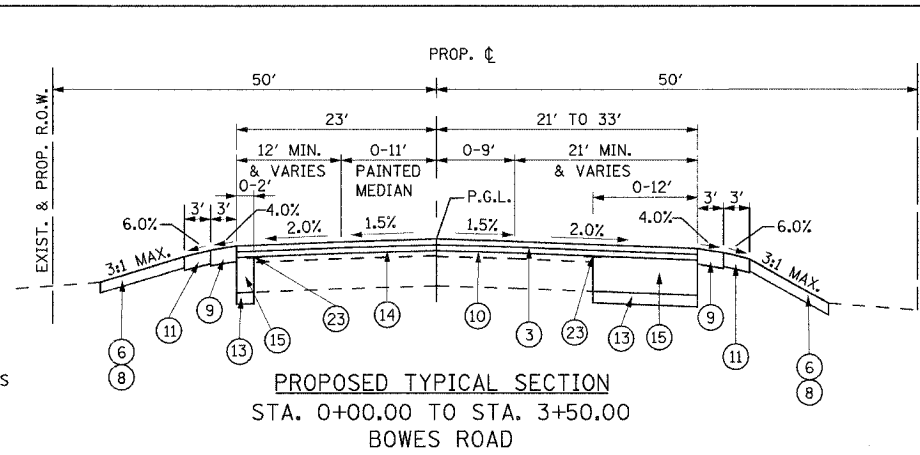
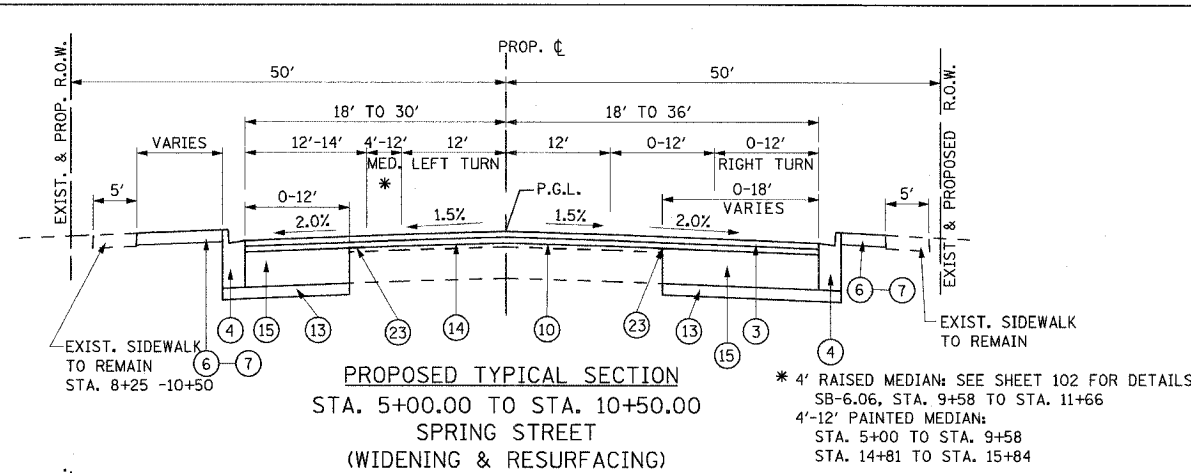


McLEAN BOULEVARD
PROPOSED TYPICAL SECTIONS
McLEAN BOULEVARD

SCALE: NONE
DATE 04/06/2007

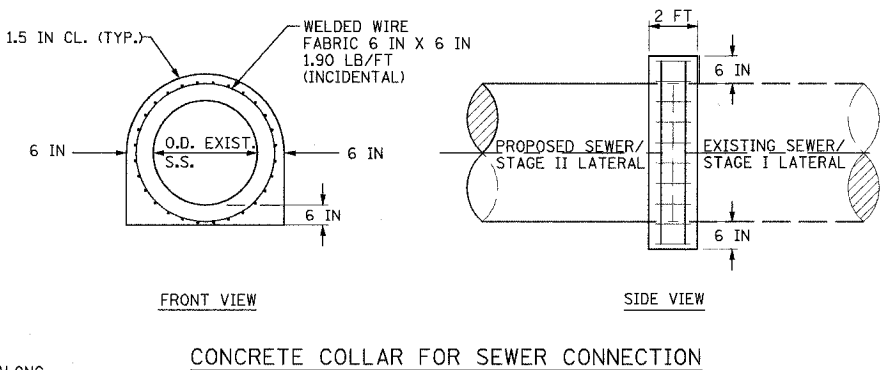
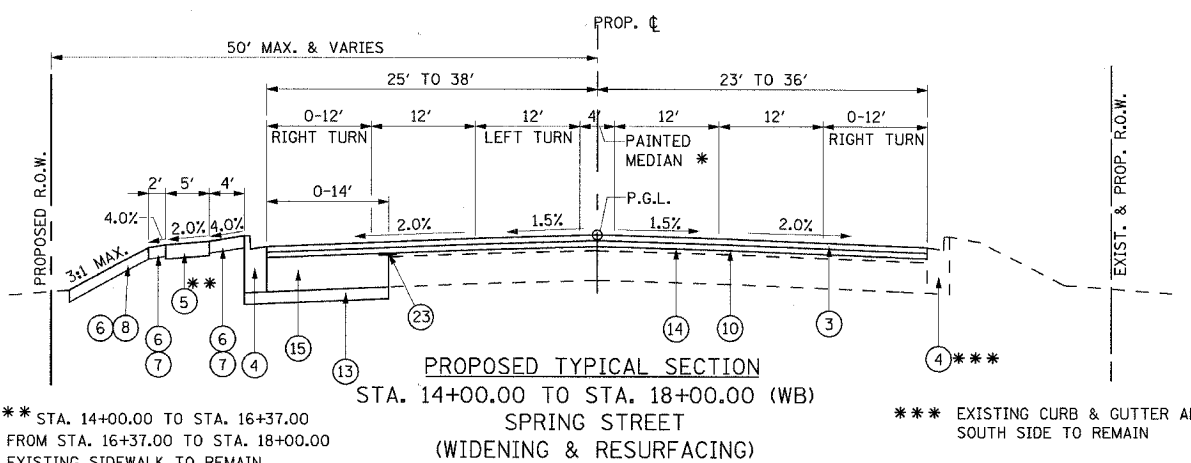
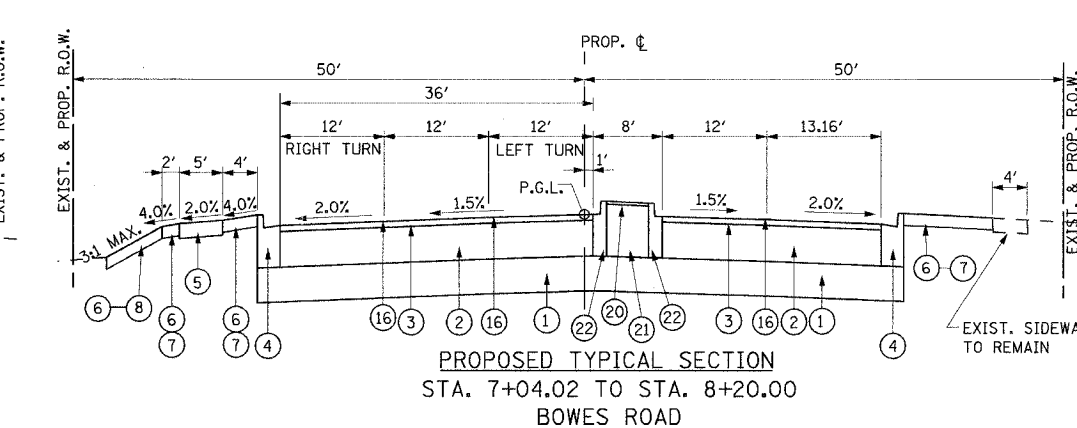
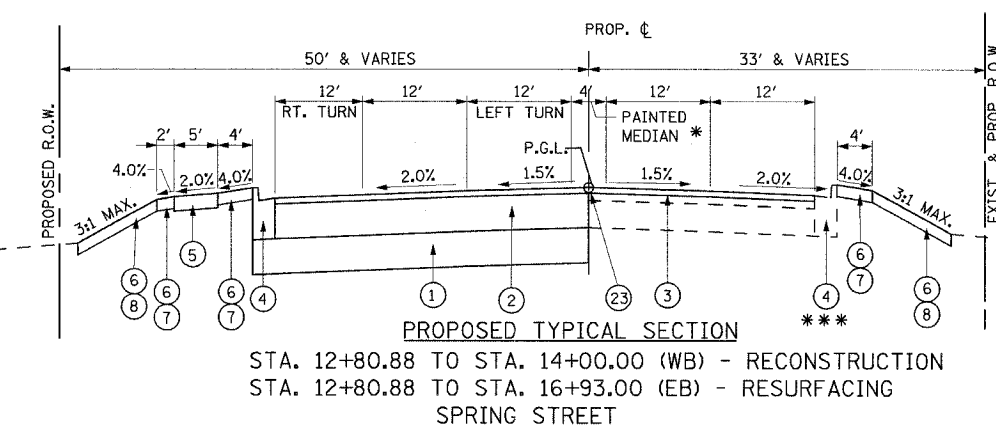
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CHECKED BY ...

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND (PROPOSED):

- ① AGGREGATE SUBGRADE 12"
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 1 1/4"
- ③ HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SEE NOTE 2, SHEET NO. 9)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑥ TOP SOIL FURNISH AND PLACE, 4 INCH
- ⑦ SODDING, SALT TOLERANT
- ⑧ SEEDING, CLASS 2A
- ⑨ HOT-MIX ASPHALT SHOULDER, 8"
- ⑩ HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH).
- ⑪ AGGREGATE SHOULDERS, TYPE B 6"
- ⑫ NOT USED
- ⑬ SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑭ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ⑮ HOT-MIX ASPHALT BASE COURSE WIDENING, 10"
- ⑯ POLYUREA PAVEMENT MARKING TYPE-1 4"
- ⑰ NOT USED
- ⑱ NOT USED
- ⑲ NOT USED
- ⑳ BITUMINOUS MEDIAN SURFACE, 4"
- ㉑ COARSE AGGREGATE
- ㉒ COMBINATION CURB AND GUTTER, TYPE B-6.12
- ㉓ STRIP REFLECTIVE CRACK CONTROL TREATMENT



** STA. 14+00.00 TO STA. 16+37.00
FROM STA. 16+37.00 TO STA. 18+00.00
EXISTING SIDEWALK TO REMAIN

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500 CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4198

McLEAN BOULEVARD
PROPOSED TYPICAL SECTIONS
SPRING STREET & BOWES ROAD

SCALE: NONE
DATE: 04/06/2007
DRAWN BY: SOI
CHECKED BY: ...

EXISTING SIGN SCHEDULE

EXISTING LOCATION	DESCRIPTION	RELOCATED LOCATION	REMOVE	REMOVE	RELOCATE	RELOCATE	RELOCATE	METAL	METAL
			SIGN PANEL ASSEMBLY	SIGN PANEL	SIGN PANEL ASSEMBLY	SIGN PANEL ASSEMBLY	SIGN PANEL	POST	POST
			TYPE A (EACH)	TYPE 1 (SF)	TYPE A (EACH)	TYPE B (EACH)	TYPE 1 (SF)	TYPE A (FOOT)	TYPE B (FOOT)
McLEAN BLVD									
40+65 LT	STOP	40+65 LT			1			12.5	
41+80 LT	SPEED LIMIT 45	41+80 LT			1			13.5	
46+30 RT	NO LEFT TURN	46+30 RT			1			13	
46+80 RT	SPEED LIMIT 45	46+80 RT			1			13.5	
47+40 RT	ADOPT A HIGHWAY	47+40 RT			1			13	
48+25 RT	INTERSECTION AHEAD	48+25 RT			1			13.5	
49+50 LT	STOP	49+50 LT			1			12.5	
53+50 LT	DO NOT ENTER, STOP	53+50 LT		6.25		1 (Stop Only)		12.5	
54+20 LT	DO NOT ENTER	54+20 LT	1						
59+50 LT	SPEED LIMIT 45	59+50 LT			1			13.5	
60+80	KANE, SANDHURST SIGN	60+80			1			11	
74+70	SPEED LIMIT 25, NO STOPPING, S. ELGIN	74+70				1			15
75+25 LT	SPEED LIMIT 45	75+25 LT			1			13.5	
75+15 RT	DO NOT BLOCK INTERSECTION	75+15 RT			1			12.5	
77+00 RT	SIGNAL AHEAD	77+00 RT			1			13.5	
81+60 LT	ADOPT A HIGHWAY	81+60 LT			1			13	
81+70 LT	KANE COUNTY, CR 18	81+70 LT			1			12	
84+75 RT	ELGIN	84+75 RT			1			12.5	
88+00 LT	TWO LANE ROAD AHEAD	88+00 LT	1						
88+50 RT	SPEED LIMIT 35	88+50 RT			1			13.5	
88+90 LT	CHEVRON	88+90 LT	1						
89+10	CHEVRON	89+10	1						
89+30	CHEVRON	89+30	1						
90+00 LT	RIGHT LANE ENDS	90+00 LT	1						
SPRING ST.									
8+50 RT	STOP	8+50 RT			1			12.5	
9+80 RT	NO LEFT TURN	9+80 RT			1			12.5	
10+20 RT	STOP	10+20 RT			1			12.5	
10+75 LT	SPEED LIMIT 45	10+75 LT			1			13.5	
BOWES RD									
@ McLEAN	STOP (FOLDING)	@ McLEAN					4		
TOTAL:			6	6.25	20	1	4	270	15

URS 100 SOUTH WACKER DR. STE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD
SCHEDULE OF QUANTITIES

SCALE: NONE
DATE 4/6/2007

DRAWN BY ARM
CHECKED BY DDL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	86-00094-01-WR	KANE	187	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVING SCHEDULE

LIMITS FOR TEMP. WIDENING (35600500)
 STA. 29+71 TO 40+00
 STA. 40+00 TO 52+00
 STA. 52+00 TO 64+00
 STA. 64+00 TO 76+00
 STA. 76+00 TO 86+00
 STA. 86+00 TO 90+00

LOCATION	(31101200) SUB-BASE GRANULAR MATERIALS TYPE B, 4"	(35600716) HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	(35501331) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11 3/4"	(40603085) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"	(Z0001050) AGGREGATE SUBGRADE, 12"	(40603340) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	(40600400) MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	(40600100) BITUMINOUS MATERIALS (PRIME COAT)	(40600300) AGGREGATE (PRIME COAT)	(42001300) PROTECTIVE COAT	HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (TEMPORARY PAVEMENT)	(42400200) PCC SIDEWALK 5"
	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(SQ YD)	(TON)	(GAL)	(TON)	(SQ YD)	(SQ YD)	(SQ FT)	
McLEAN BLVD.												
STA. 33+90 TO 37+00	248	163		88	120	712	20	2	171		1174	
STA. 37+00 TO 45+00	425	322	1530	370	1620	712	46	6	414	2742	1089	
STA. 45+00 TO 49+00			3151		3411	131	36	6	899	1951	4840	
STA. 49+00 TO 55+00			4744		5088	545	46	6	959	753	3113	
STA. 55+00 TO 61+00			4117		4461	473	45	6	713	1303	3130	
STA. 61+00 TO 67+00			4000		4461	460	50	6	733	769	3000	
STA. 67+00 TO 73+00			4000		4344	460	45	6	626	842	3020	
STA. 73+00 TO 79+00			4000		4344	460	50	6	666		2733	
STA. 79+00 TO 85+00			4076		4316	469	35	5	622		3030	
STA. 85+00 TO 90+00			3551		3838	408			649		2500	
SIDE STREETS												
SUNBURY RD.												
HOPPS RD./SPRING ST.	1860	1430	2027	821	2172	963		4	1748		1050	2629
KANE ST.						25			43			
SANDHURST LANE						24			43			
JENNA DR.						72			89			
SUNDOWN DR.						27			39			
BOWES RD.	612	409	2904	268	3165	573		4	630		1300	1312
TOTALS	3145	2324	38100	1579	41220	5890	6	374	58	9044	11885	30396

PAVING SCHEDULE (CONT.)

LOCATION	(48101200) AGGREGATE SHOULDERS TYPE B	(48203029) HOT-MIX ASPHALT SHOULDER, 8"	(40600535) LEVELING BINDER (HAND METHOD), N70	(40600635) LEVEL BINDER (MACHINE METHOD), N70	(406033310) HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50 4"	(60603800) CONCRETE MEDIAN TYPE SB-6.06
	(TON)	(SQ YD)			(SQ YD)	(SQ FT)
McLEAN BLVD.						
STA. 31+96 TO 37+00						
STA. 37+00 TO 45+00						
STA. 45+00 TO 49+00						
STA. 49+00 TO 55+00						
STA. 55+00 TO 61+00						
STA. 61+00 TO 67+00						
STA. 67+00 TO 73+00						
STA. 73+00 TO 79+00						
STA. 79+00 TO 85+00						
STA. 85+00 TO 90+00						
SIDE STREETS						
SUNBURY RD.						
HOPPS RD./SPRING ST.					65	828
KANE ST.						
SANDHURST LANE						
JENNA DR.						
SUNDOWN DR.						
BOWES RD.	569	438			130	
TOTALS	569	438	15	38	195	828

REMOVAL SCHEDULE

LIMITS FOR TEMP. PAVEMENT REMOVAL (X0919000)

STA. 29+71 TO 40+00
 STA. 40+00 TO 52+00
 STA. 52+00 TO 64+00
 STA. 64+00 TO 76+00
 STA. 76+00 TO 86+00
 STA. 86+00 TO 90+00

LOCATION	(44000100) PAVEMENT REMOVAL	(44000198) HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)	(40600982) HOT-MIX ASPHALT SURFACE REMOVAL (BUTT JOINT)	(44000500) COMB. CURB & GUTTER REMOVAL	(44000600) SIDEWALK REMOVAL	(X0919000) TEMPORARY PAVEMENT REMOVAL
	(SQ YD)	(SQ YD)	(SQ YD)	(FT)	(SQ FT)	(SQ YD)
McLEAN BLVD.						
STA. 31+96 TO 37+00	34	1024	47	0		1174
STA. 37+00 TO 45+00	1474	1560		752	0	2742
STA. 45+00 TO 49+00	1974			620	2288	1951
STA. 49+00 TO 55+00	2311			625	56	753
STA. 55+00 TO 61+00	1838					1303
STA. 61+00 TO 67+00	2177					769
STA. 67+00 TO 73+00	3634				198	
STA. 73+00 TO 79+00	3203				123	842
STA. 79+00 TO 85+00	3132				382	
STA. 85+00 TO 90+00	2093					
SIDE STREETS						
SUNBURY RD.						
HOPPS RD./SPRING ST.	865	4466	188	2234	1826	1050
KANE ST.				144		
SANDHURST LANE				145		
JENNA DR.				254		
SUNDOWN DR.				105		
BOWES RD.	2541	1664	97	471	178	1300
TOTALS	25276	8714	332	5350	5051	11885

TREE REMOVAL SCHEDULE

LOCATION	(20100110) TREE REMOVAL (6 TO 15 UNITS DIA.) AVERAGE 10 UNITS		(20100210) TREE REMOVAL (OVER 15 UNITS DIA.) AVERAGE 18 UNITS	
	NO.	UNITS	NO.	UNITS
McLEAN BLVD.				
STA. 33+90 TO STA. 35+00	0	0	0	0
STA. 35+00 TO STA. 36+00	0	0	0	0
STA. 36+00 TO STA. 37+00	0	0	0	0
STA. 37+00 TO STA. 38+00	0	0	0	0
STA. 38+00 TO STA. 39+00	0	0	0	0
STA. 39+00 TO STA. 40+00	0	0	0	0
STA. 40+00 TO STA. 41+00	0	0	0	0
STA. 41+00 TO STA. 42+00	2	20	0	0
STA. 42+00 TO STA. 43+00	2	20	0	0
STA. 43+00 TO STA. 44+00	3	30	0	0
STA. 44+00 TO STA. 45+00	1	10	0	0
STA. 45+00 TO STA. 46+00	0	0	0	0
STA. 46+00 TO STA. 47+00	0	0	0	0
STA. 47+00 TO STA. 48+00	3	30	0	0
STA. 48+00 TO STA. 49+00	4	40	0	0
STA. 49+00 TO STA. 50+00	1	10	0	0
STA. 50+00 TO STA. 51+00	0	0	0	0
STA. 51+00 TO STA. 52+00	0	0	0	0
STA. 52+00 TO STA. 53+00	0	0	0	0
STA. 53+00 TO STA. 54+00	0	0	0	0
STA. 54+00 TO STA. 55+00	0	0	0	0
STA. 55+00 TO STA. 56+00	4	40	0	0
STA. 56+00 TO STA. 57+00	8	80	0	0
STA. 57+00 TO STA. 58+00	0	0	0	0
STA. 58+00 TO STA. 59+00	12	120	4	72
STA. 59+00 TO STA. 60+00	0	0	1	18
STA. 60+00 TO STA. 61+00	4	40	0	0
STA. 61+00 TO STA. 62+00	3	30	0	0
STA. 62+00 TO STA. 63+00	7	70	0	0
STA. 63+00 TO STA. 64+00	3	30	0	0
STA. 64+00 TO STA. 65+00	1	10	0	0
STA. 65+00 TO STA. 66+00	4	40	0	0
STA. 66+00 TO STA. 67+00	3	30	0	0
STA. 67+00 TO STA. 68+00	6	60	0	0
STA. 68+00 TO STA. 69+00	2	20	0	0
STA. 69+00 TO STA. 70+00	1	10	0	0
STA. 70+00 TO STA. 71+00	3	30	0	0
STA. 71+00 TO STA. 72+00	5	50	0	0
STA. 72+00 TO STA. 73+00	4	40	0	0
STA. 73+00 TO STA. 74+00	6	60	0	0
STA. 74+00 TO STA. 75+00	5	50	0	0
STA. 75+00 TO STA. 76+00	1	10	0	0
STA. 76+00 TO STA. 77+00	0	0	0	0
STA. 77+00 TO STA. 78+00	2	20	0	0
STA. 78+00 TO STA. 79+00	2	20	0	0
STA. 79+00 TO STA. 80+00	1	10	0	0
STA. 80+00 TO STA. 81+00	4	40	0	0
STA. 81+00 TO STA. 82+00	6	60	0	0
STA. 82+00 TO STA. 83+00	3	30	2	36
SUBTOTAL		1160		126

SEE NEXT SHEET FOR THE CONTINUATION OF TREE REMOVAL SCHEDULE.

CONCRETE CURB & GUTTER SCHEDULE

LOCATION	(60605000) COMBINATION CONC. CURB & GUTTER TYPE B-6.24	(60603800) COMBINATION CONC. CURB & GUTTER TYPE B-6.12
	FT	FT
McLEAN BLVD.		
STA. 33+90 TO 37+00	310	
STA. 37+00 TO 45+00	692	
STA. 45+00 TO 49+00	618	
STA. 49+00 TO 55+00	1094	
STA. 55+00 TO 61+00	1095	
STA. 61+00 TO 67+00	1200	
STA. 67+00 TO 73+00	980	
STA. 73+00 TO 79+00	1087	
STA. 79+00 TO 85+00	839	
STA. 85+00 TO 90+00	1000	
SIDE STREETS		
SUNBURY RD.		
HOPPS RD./SPRING ST.	2070	
KANE ST.	128	
SANDHURST LANE	129	
JENNA DR.	267	
SUNDOWN DR.	118	
BOWES RD.	885	664
TOTALS	12512	664

SEE SHT NO. 11 FOR ADDITIONAL C&G B6.12 SCHEDULE.

URS 100 SOUTH WACKER DRIVE
 SUITE 500 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD SCHEDULE OF QUANTITIES I

SCALE: N/A
 DATE: 04/06/2007
 DRAWN BY: KLM
 CHECKED BY:

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LANDSCAPING AND EROSION CONTROL SCHEDULE

LOCATION	(25000210) SEEDING CLASS 2A	(25000350) SEEDING CLASS 7A	(25000400) NITROGEN FERTILIZER NUTRIENT	(25000500) PHOSPHORUS FERTILIZER NUTRIENT	(25000600) POSTASSIUM FERTILIZER NUTRIENT	(25100115) MULCH METHOD 2	(25200110) SODDING SALT TOLERANT	FURNISHING AND REPLACING TOPSOIL 4"
	(ACRE)	(ACRE)	(LB)	(LB)	(LB)	(ACRE)	(SQ YD)	(SQ YD)
McLEAN BLVD.								
STA. 31+96 TO 37+00	0.61		54	54	54	0.61	473	3403
STA. 37+00 TO 43+00	0.59		53	53	53	0.55	589	3273
STA. 43+00 TO 49+00	0.26		23	23	23	0.30	692	2144
STA. 49+00 TO 55+00	0.42		38	38	38	0.42	764	2798
STA. 55+00 TO 61+00	0.39		35	35	35	0.39	822	2691
STA. 61+00 TO 67+00	0.44		39	39	39	0.44	867	2991
STA. 67+00 TO 73+00	0.36		32	32	32	0.36	776	2503
STA. 73+00 TO 79+00	0.39		35	35	35	0.39	832	2706
STA. 79+00 TO 85+00	0.36		32	32	32	0.36	733	2472
STA. 85+00 TO 90+00	0.23		21	21	21	0.23	333	1454
SIDE STREETS		0.31						
SUNBURY RD.								
HOPPS RD./SPRING ST.	0.57		51	51	51	0.57	237	2990
KANE ST.								
SANDHURST LANE								
JENNA DR.								
SUNDOWN DR.								
BOWES RD.	0.49		44	44	44	0.49	175	2563
TOTALS	5.1	0.31	459	459	459	5.1	7293	31988

TREE REMOVAL SCHEDULE CON'T

LOCATION	(20100110) TREE REMOVAL (6 TO 15 UNITS DIA.) AVERAGE 10 UNITS		(20100210) TREE REMOVAL (OVER 15 UNITS DIA.) AVERAGE 18 UNITS	
	NO.	UNITS	NO.	UNITS
McLEAN BLVD.				
STA. 83+00 TO STA. 84+00	0	0	0	0
STA. 84+00 TO STA. 85+00	0	0	0	0
STA. 85+00 TO STA. 86+00	0	0	2	36
STA. 86+00 TO STA. 87+00	0	0	0	0
STA. 87+00 TO STA. 88+00	0	0	0	0
STA. 88+00 TO STA. 89+00	0	0	3	54
STA. 89+00 TO STA. 90+00	0	0	4	72
HOPPS RD./SPRING ST.				
STA. 5+00 TO STA. 6+00	0	0	0	0
STA. 6+00 TO STA. 7+00	0	0	0	0
STA. 7+00 TO STA. 8+00	0	0	0	0
STA. 8+00 TO STA. 9+00	0	0	0	0
STA. 9+00 TO STA. 10+00	0	0	0	0
STA. 10+00 TO STA. 11+00	0	0	0	0
STA. 11+00 TO STA. 12+00	0	0	0	0
STA. 12+00 TO STA. 13+00	0	0	0	0
STA. 13+00 TO STA. 14+00	0	0	0	0
STA. 14+00 TO STA. 15+00	0	0	0	0
STA. 15+00 TO STA. 16+00	0	0	0	0
BOWES RD.				
STA. 0+00 TO STA. 1+00	0	0	2	36
STA. 1+00 TO STA. 2+00	3	30	0	0
STA. 2+00 TO STA. 3+00	2	20	0	0
STA. 3+00 TO STA. 4+00	0	0	0	0
STA. 4+00 TO STA. 5+00	2	20	0	0
STA. 5+00 TO STA. 6+00	4	40	0	0
STA. 6+00 TO STA. 7+00	0	0	0	0
STA. 7+00 TO STA. 8+00	6	60	0	0
STA. 8+00 TO STA. 9+00	5	50	0	0
SUBTOTAL (SHEET NO. 10)		220		108
TOTAL		1380		234

DRIVEWAY SCHEDULE

LOCATION	(44000200) DRIVEWAY PAVEMENT REMOVAL	(35501308) HOT-MIX BASE COURSE 6"	(35501316) HOT-MIX BASE COURSE 8"	(42300200) PCC DRIVEWAY PAVEMENT 6"	(42300400) PCC DRIVEWAY PAVEMENT 8"	(60603800) COMBINATION CONC. CURB & GUTTER TYPE B-6.12	(44000300) CURB REMOVAL	(60600605) CONCRETE CURB TYPE B	(40603310) HOT-MIX ASPHALT SURFACE COURSE MIX C, N50	(60619600) CONCRETE MEDIAN TYPE SB-6.12
	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(FT)	(FT)	(FT)	(TON)	(SQ FT)
McLEAN BLVD.										
STA. 32+83 LT	35	39							6	
STA. 33+71 LT	34	35							4	
STA. 36+07 LT	44	22							2	
STA. 37+54 LT	26	30								
STA. 38+07 LT	56			43						
STA. 39+37 LT	33	17								
STA. 41+01 RT	195		128			92				63
STA. 41+02 LT	122					91				153
STA. 43+35 RT	175					127				101
STA. 46+84 LT	164					102				76
STA. 49+77 LT	257					215			10	
STA. 49+92 RT	96					63			13	
STA. 86+13 LT	117		86			77	96			
STA. 87+62 LT	125		109			96	111			
HOPPS RD./SPRING ST.										
STA. 5+48 LT	61				64			61		
STA. 5+55 RT	133				117		84	87		
STA. 8+08 LT	132				96		73	56		
STA. 8+15 RT	123				60	43				
STA. 9+87 RT	143				147	46	230	92		
STA. 9+88 LT	219				72	110	46	47	3	
STA. 14+26 RT	101				111	66				
STA. 17+25 LT	23		22				27	28		
STA. 17+27 RT	84		85			34				
BOWES RD.									12	
STA. 2+47 LT	89		78			60			10	
STA. 4+02 LT	59		91			82	88		59	
TOTALS	2645	143	599	43	1312	1470	755	371		393

FROM
SHT 10 = 664
TOTAL = 2134

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD
SCHEDULE OF QUANTITIES II

SCALE: N/A DRAWN BY: KLM
DATE 04/06/2007 CHECKED BY:

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EARTHWORK SCHEDULE

LOCATION	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	(1)	(2)	(3)	(4)
		CUT (CU YD)	FILL (CU YD)	ADJUSTED CUT (CU YD)	EXCESS (+) SHRINKAGE (-) (CU YD)
McLEAN BLVD.					
STA. 33+90 TO 37+00	122	68	101	58	-43
STA. 37+00 TO 45+00		1029	35	875	840
STA. 45+00 TO 49+00		2169	96	1844	1748
STA. 49+00 TO 55+00	381	2588	898	2200	1302
STA. 55+00 TO 61+00	936	3604	204	3063	2859
STA. 61+00 TO 67+00	1913	2720	26	2312	2286
STA. 67+00 TO 73+00	78	3844	99	3267	3168
STA. 73+00 TO 79+00	643	1705	131	1449	1318
STA. 79+00 TO 85+00	557	2601	79	2211	2132
STA. 85+00 TO 90+00	187	1954	259	1661	1402
SIDE STREETS					
SUNBURY RD.		-	-	-	-
HOPPS RD./SPRING ST.		4551	13	3868	3855
KANE ST.		-	-	-	-
SANDHURST LANE		-	-	-	-
JENNA DR.		-	-	-	-
SUNDOWN DR.		-	-	-	-
BOWES RD.		2342	501	1991	1490
TOTALS	4817	29175	2442	24799	22357

GENERAL NOTE: THE VOLUME FOR THE REMOVAL & DISPOSAL OF UNSUITABLE MATERIALS IS SEPARATE FROM THE CUT VOLUME. (SEE CROSS-SECTION SHEETS)

EXCESS/SHORTAGE NOTES:

SHRINKAGE FACTOR FOR COLUMNS (1) = 0.85
 COLUMN (3) = COLUMN (1) x 0.85
 COLUMN (4) = COLUMN (3) - COLUMN (2)

TEMPORARY EARTHWORK SCHEDULE

LOCATION	PRESTAGE		STAGE 1		(3) ADJUSTED CUT		(4) EXCESS (+) SHRINKAGE (-)	
	(1) CUT (CU YD)	(2) FILL (CU YD)	(1) CUT (CU YD)	(2) FILL (CU YD)	PRESTAGE	STAGE 1	PRESTAGE	STAGE 1
	STA 30+00 TO 37+00	68	101	176	194	58	150	-43
STA 37+00 TO 45+00	1029	36	139	37	875	118	839	81
STA 45+00 TO 49+00	2169	96	0	0	1844	0	1748	0
STA 49+00 TO 55+00	2588	899	0	0	2200	0	1301	0
STA 55+00 TO 61+00	3604	204	0	0	3063	0	2859	0
STA 61+00 TO 67+00	2719	26	0	0	2312	0	2285	0
STA 67+00 TO 73+00	3841	99	0	0	3265	0	3167	0
STA 73+00 TO 79+00	1705	131	0	0	1449	0	1318	0
STA 79+00 TO 85+00	2601	79	0	0	2211	0	2132	0
STA 85+00 TO 90+00	1953	259	0	0	1660	0	1401	0
HOPPS TOTAL	4586	13	0	0	3898	0	3885	0
BOWES TOTAL	2573	501	0	0	2187	0	1686	0
GRAND TOTAL	29439	2445	315	231	25023	268	22578	36

EXCESS/SHORTAGE NOTES:

SHRINKAGE FACTOR FOR COLUMNS (1) = 0.85
 COLUMN (3) = COLUMN (1) x 0.85
 COLUMN (4) = COLUMN (3) - COLUMN (2)

PAVEMENT MARKING

LOCATION	POLYUREA PAVEMENT MARKING LINE 4"	POLYUREA PAVEMENT MARKING LINE 6"	POLYUREA PAVEMENT MARKING LINE 12"	POLYUREA PAVEMENT MARKING LINE 24"	POLYUREA PAVEMENT MARKING LETTERS & SYMB.	(78100100) RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL	(78100100) RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
	(FT)	(FT)	(FT)	(FT)	(SQ FT)	(EACH)	(EACH)
McLEAN BLVD.							
STA. 31+96 TO 45+00	4708	1332	590	36	168	27	49
STA. 45+00 TO 62+00	5305	301	370	36	123	37	50
STA. 62+00 TO 77+00	5206	693	444	96	109	39	50
STA. 77+00 TO 94+00	5498	768	220	96	218	51	50
HOPPS RD./SPRING ST.	3574	1596	485	88	328	31	48
BOWES RD.	1440	783	60	88	218	16	18
TOTALS	25731	5473	2169	344	1165	201	265

URS 100 SOUTH WACKER DRIVE
 SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000
 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD
 SCHEDULE OF QUANTITIES III

SCALE: DATE 04/06/2007 DRAWN BY: KLM CHECKED BY:

CONTRACT NO. 83737

F.A.J.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAINAGE & UTILITY STRUCTURE SCHEDULE

LOCATION	OFFSET		(60255500) MANHOLES TO BE ADJUSTED	(60257900) MANHOLES TO BE RECONSTRUCTED	(60500040) REMOVING MANHOLES	(60266500) VALVE VAULTS TO BE REMOVED	(60265700) VALVE VAULTS TO BE ADJUSTED	(60250200) CATCH BASINS TO BE ADJUSTED	(60500050) REMOVING CATCH BASINS	(60260100) INLETS TO BE ADJUSTED	(60500060) REMOVING INLETS
	LT	RT									
McLEAN BLVD.	(FT)	(FT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
34+06	-	31.00									1
34+53	-	30.00									1
35+00	25.00	-							1		
36+00	-	31.00	1								
36+36	-	47.00	1								
36+96	18.00	19.00									2
37+00	26.00	-			1						
38+98	18.00	27.00									2
39+00	25.00	-			1						
40+40	-	50.00	1								
40+67	35.57	-					1				
40+67	-	27.06						1			
40+92	45.38	-									
41+24	-	48.00	1								
41+32	19.00	21.00									2
41+35	25.00	-			1						
41+74	-	48.00	1								
42+60	-	45.00							1		
42+83	25.00	-			1						
42+83	18.00	19.00									2
43+90	-	43.00							1		
44+29	27.00	-		1							
44+36	31.00	44.00									2
44+42	-	55.00	1								
44+58	45.56	-									
44+68	41.55	-							1		
44+69	78.00	-		1							
44+74	-	43.21				1					
44+95	-	26.91				1					
45+12	-	65.00		1							
45+26	56.28	-							1		
45+36	53.00	-	1								
45+50	-	24.56					1				
48+42	48.61	-						1			
48+47	-	23.44						1			
49+70	53.00	-	1								
50+18	33.00	-			1						
50+18	18.00	18.00									2
50+22	45.29	-									
50+22	-	23.50						1			
50+29	45.33	-							1		
50+30	-	23.37						1			
52+09	27.00	-			1						
52+09	18.00	18.00									2
53+62	-	37.80						1			
53+65	42.19	-									
53+68	-	36.00									1
54+05	50.00	-	1								
54+16	-	28.00									1
56+79	58.00	-	1								
56+83	67.00	-								1	
57+15	71.00	-									
57+23	51.19	-								1	
57+23	-	36.74					1				
58+72	-	25.26					1				
59+89	36.36	-									
60+26	-	65.00			1						
62+90	-	41.00									1
68+80.4	-	65.90		1							
69+84	-	41.00									1
74+41	-	46.00									1
75+07	21.00	-	1								
75+11	-	32.00	1								
75+29	-	23.00	1								
78+64	-	46.00									1
79+77	25.00	-	1								
82+15	-	25.00								1	
83+31	-	89.00		1							
83+32	18.00	-	1								
83+73	-	50.00	1								
84+08	-	91.00									1
84+27	-	25.00									
89+50	-	25.00									
SUBTOTAL			16	5	7	10	14	1	3	1	23

SEE SHEET NO. 14 FOR ADDITIONAL SCHEDULE.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
 SUITE 500 FAX (312) 939-4198
 CHICAGO, IL 60606

McLEAN BOULEVARD
 SCHEDULE OF QUANTITIES IV

SCALE: N/A DRAWN BY: KLM
 DATE: 04/06/2007 CHECKED BY:

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE & UTILITY STRUCTURE SCHEDULE CONTINUED

LOCATION	OFFSET		(60255500)	(60257900)	(60500040)	(60266500)	(60265700)	(60250200)	(60500050)	(60260100)	(60500060)
	LT	RT	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	REMOVING MANHOLES	VALVE VAULTS TO BE REMOVED	VALVE VAULTS TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED	REMOVING CATCH BASINS	INLETS TO BE ADJUSTED	REMOVING INLETS
	(FT)	(FT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
HOPPS/SPRING											
5+03	20.13	-					1				
5+24	19.00	-								1	
5+25	15.00	-								1	
5+35	20.32	-				1					
6+17	21.36	-				1					
7+62	18.00	18.00									2
7+68.3	-	26.48	1	1							
7+68.6	18.00	18.00									2
7+98	32.71	-					1				
7+98	24.66	-				1					
8+48.6	-	22.00		1							
9+50	-	43.60	1								
10+50	18.00	18.00									2
10+51.15	-	27.47		1							
13+84	25.00	-	1								
15+50	24.00	33.00									2
15+56	16.00	-	1								
16+42	24.00	-	1								
16+43	-	18.96				1					
16+49	-	17.66				1					
16+89	-	30.58					1				
16+90	-	36.00								1	
17+10	14.00	-	1								
17+98	-	20.47					1				
SUBTOTAL			6	3	0	5	4	0	0	3	8
FROM SHEET NO. 13			16	5	7	10	14	1	3	1	23
TOTAL			22	8	7	15	18	1	3	4	31

LOCATION	UNIT	QUANTITY
McLEAN		
54+50	FOOT	272
63+00	FOOT	260
79+00	FOOT	260
BOWES		
7+84.95	FOOT	269
TOTAL	FOOT	1061

NOTE:
UNDERDRAINS ARE LOCATED 50' FROM EITHER SIDE OF SAG ALONG THE CURB AND GUTTER LINE

URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
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REVISIONS	
NAME	DATE

McLEAN BOULEVARD
SCHEDULE OF QUANTITIES V

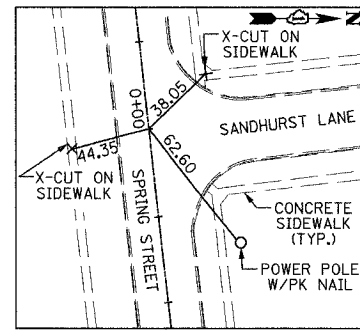
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DATE 04/06/2007

DRAWN BY: KLM
CHECKED BY:

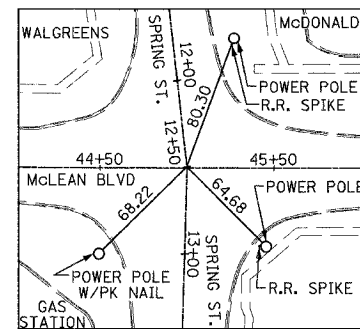
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CENTERLINE TIE POINTS

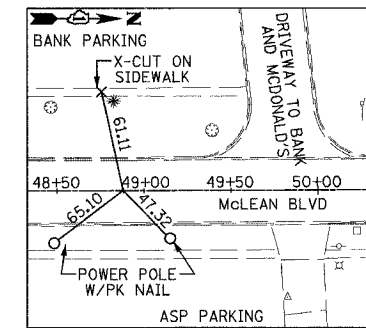
	NORTHING	EASTING	STATION	
MCLEAN BOULEVARD	POB-M1	4191.76	26+50.00	
	PC-M1	5904.58	43+62.84	
	PI-M1	6429.76	48+88.03	
	PT-M1	6954.93	54+13.20	
	PC-M2	9560.02	4955.97	80+18.40
	PI-M2	10120.54	4950.90	85+78.94
PT-M2	10680.80	4933.04	91+39.44	
BOWES ROAD	POB-BOWES	9830.96	0+00.00	
	POE-BOWES	9945.11	10+33.54	
SPRING STREET	POB-SPRING	5903.53	0+00.00	
	PI-SPRING	6041.74	12+50.00	
	POE-SPRING	6013.59	22+50.00	



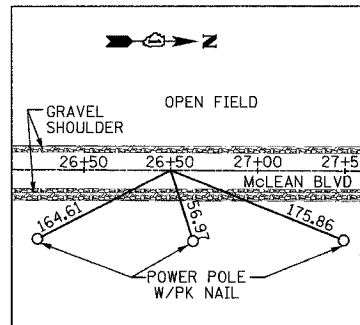
TIE AT STATION 0+00.00



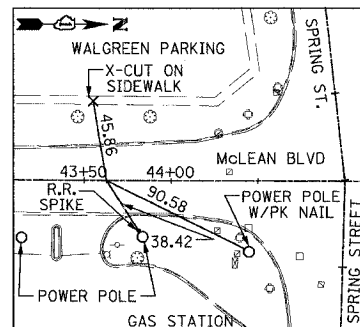
TIE AT STATION 12+50.00



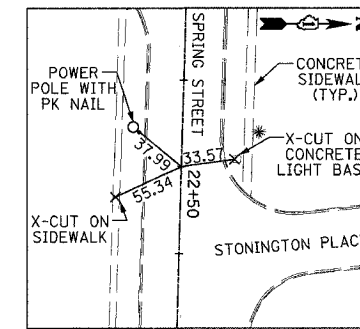
TIE AT STATION 48+88.03



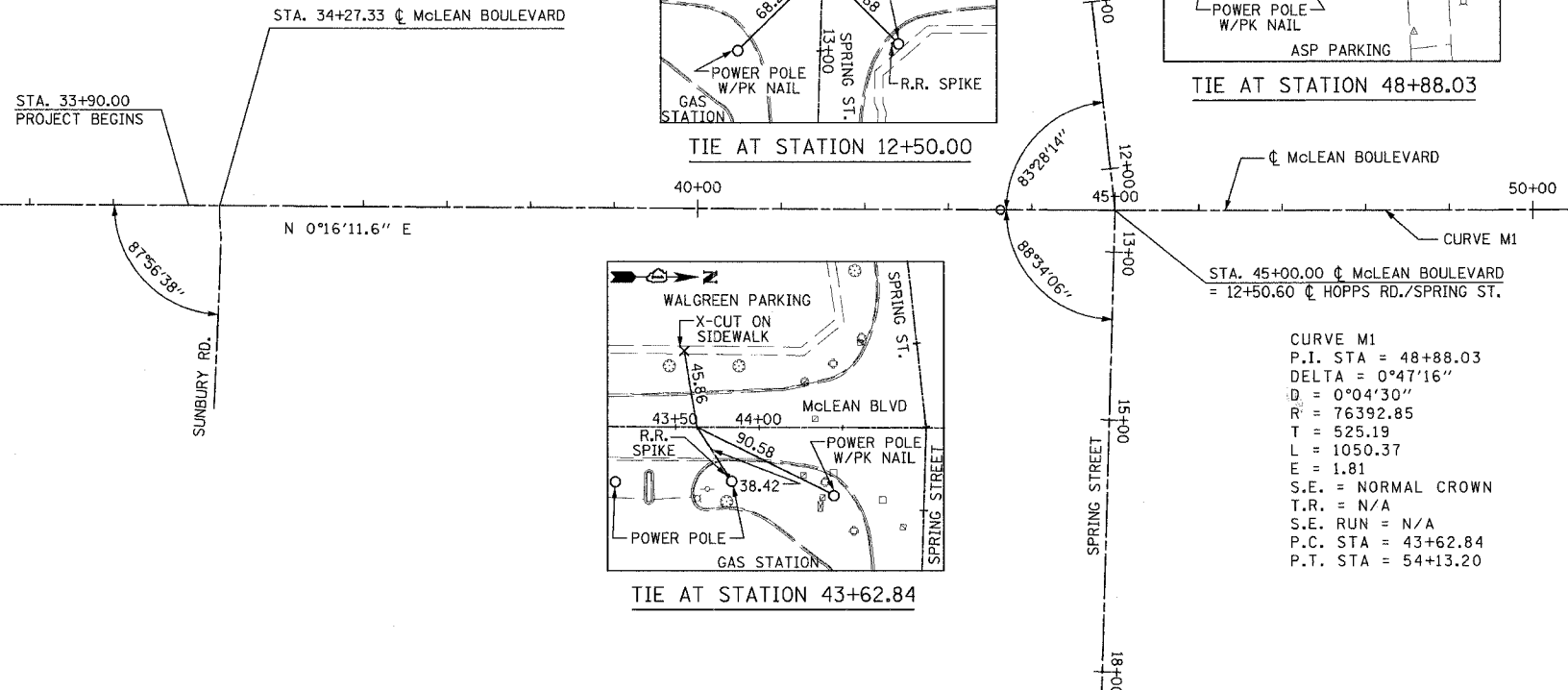
TIE AT STATION 26+50.00



TIE AT STATION 43+62.84



TIE AT STATION 22+50.00



CURVE M1
 P.I. STA = 48+88.03
 DELTA = 0°47'16"
 D = 0°04'30"
 R = 76392.85
 T = 525.19
 L = 1050.37
 E = 1.81
 S.E. = NORMAL CROWN
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 43+62.84
 P.T. STA = 54+13.20

BENCHMARKS

BENCHMARK	ELEV.	DESCRIPTION
U.S.G.S.	710.37	SOUTHWEST SECTION OF IL ROUTE 31/MCLEAN BOULEVARD.
TBM 10	814.51	SPIKE IN 2ND POWER POLE SOUTH OF BOWES ROAD ON EAST SIDE OF MCLEAN BOULEVARD.
TBM 11	819.25	FIRE HYDRANT NORTHWEST BOLT. CHISLED X AT SOUTHEAST SECTION OF BOWES ROAD/MCLEAN BLVD.
TBM 12	827.57	FIRE HYDRANT NORTHEAST BOLT. CHISLED X. NORTHEAST SECTION OF BOWES ROAD/MCLEAN BOULEVARD.
TBM 13	825.54	FIRE HYDRANT NORTHEAST BOLT. CHISLED X. BOWES ROAD/MCLEAN BOULEVARD

CONTRACTOR SHALL RE-ESTABLISH ANY TIE POINTS THAT COULD BE DISTURBED OR DISPLACED BY CONSTRUCTION ACTIVITIES.

REVISIONS	
NAME	DATE

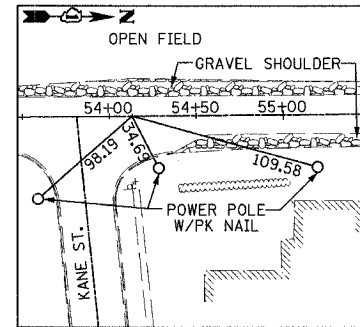
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McLEAN BOULEVARD
 ALIGNMENT, TIES AND BENCHMARKS

SCALE: DATE 04/06/2007
 DRAWN BY SOI
 CHECKED BY

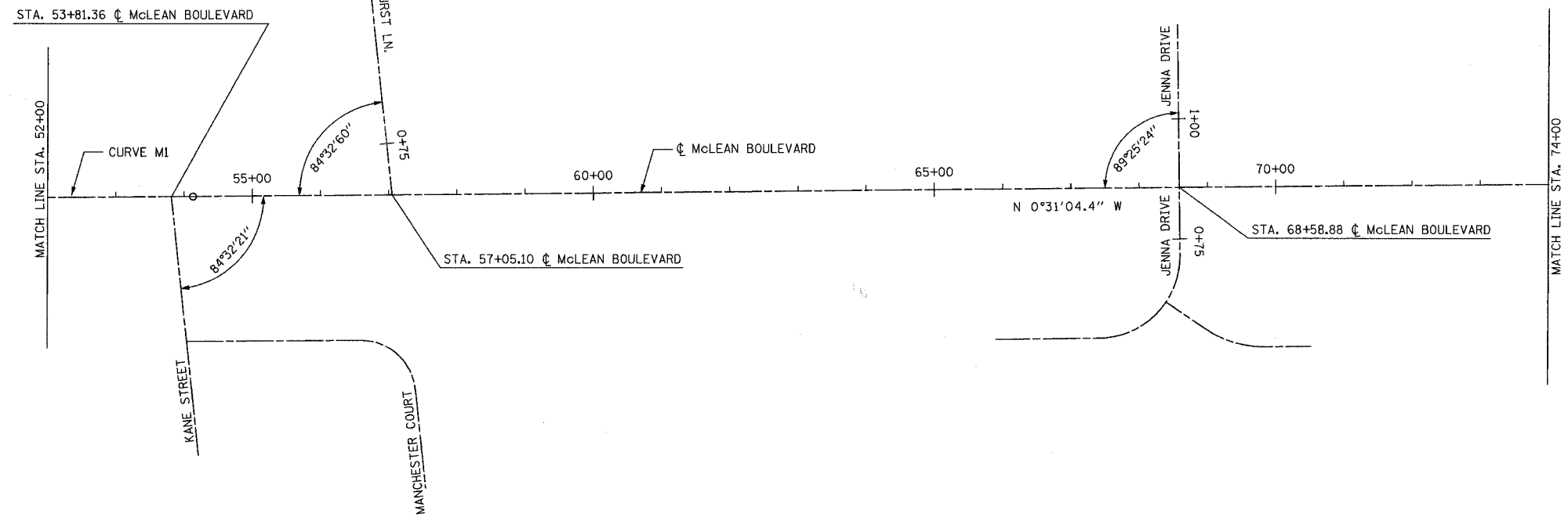
CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TIE AT STATION 54+13.20

CURVE M1
 P.I. STA = 48+88.03
 DELTA = 0°47'16"
 D = 0°04'30"
 R = 76392.85
 T = 525.19
 L = 1050.37
 E = 1.81
 S.E. = NORMAL CROWN
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 43+62.84
 P.T. STA = 54+13.20



NOTE: FOR BENCHMARKS DESCRIPTION AND LOCATION SEE SHEET NO. 19.

CONTRACTOR SHALL REESTABLISH ANY TIE POINTS THAT COULD BE DISTURBED OR DISPLACED BY CONSTRUCTION ACTIVITIES.

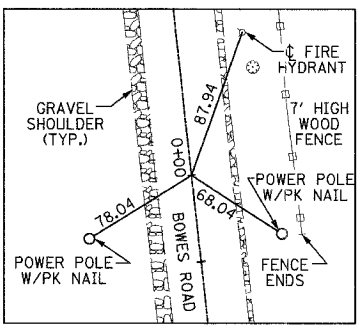
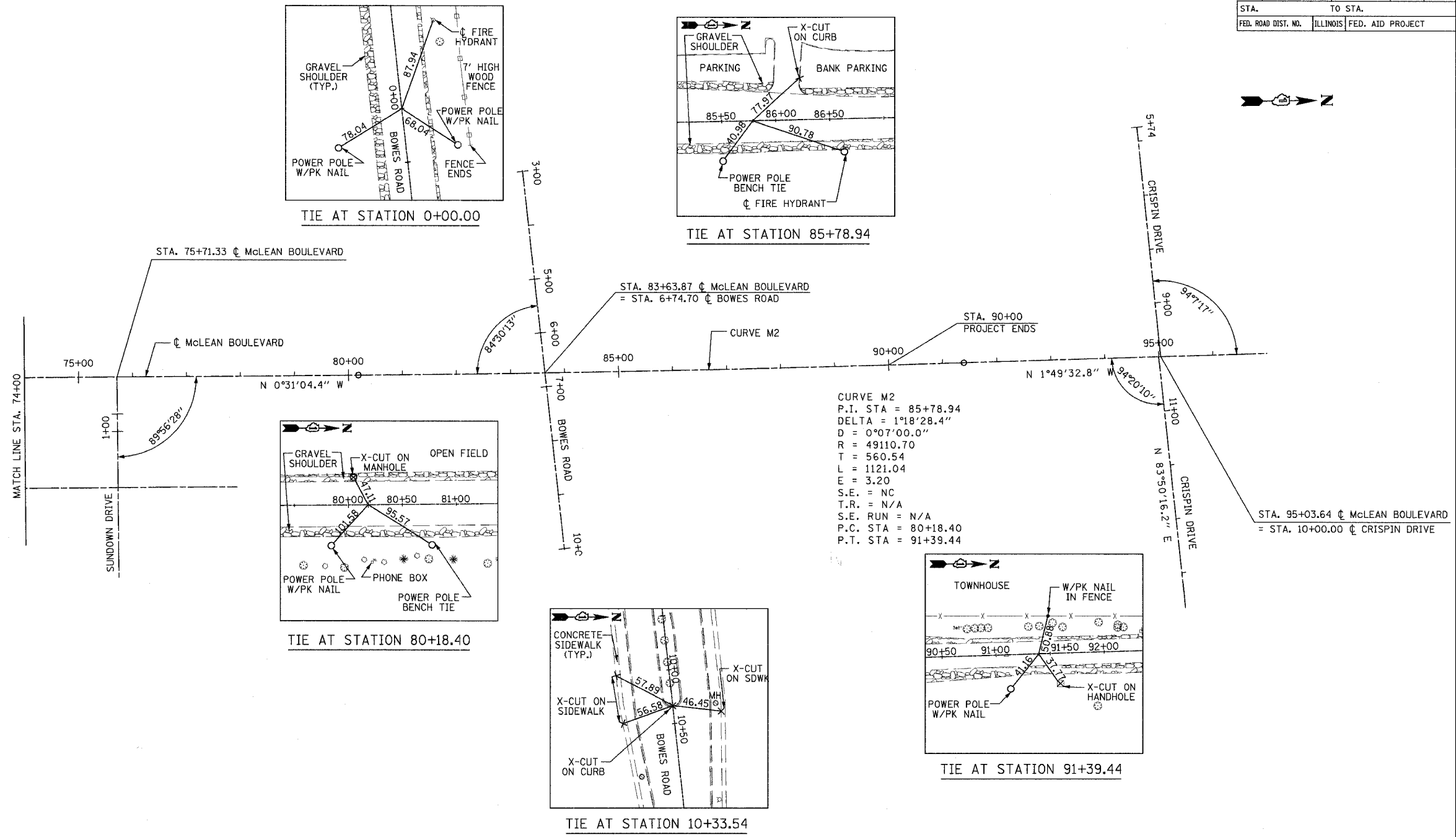
REVISIONS	
NAME	DATE

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 SUITE 500 CHICAGO, IL 60606 FAX (312) 939-4198

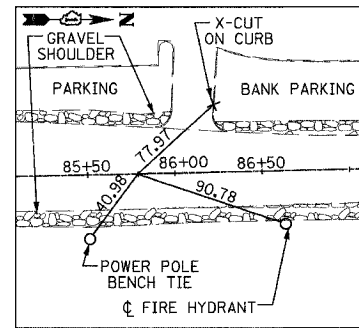
McLEAN BOULEVARD
 ALIGNMENT, TIES AND BENCHMARKS

SCALE: DATE 04/06/2007 DRAWN BY 501 CHECKED BY

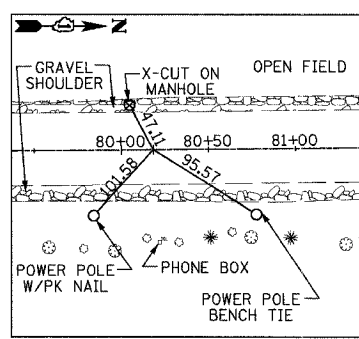
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



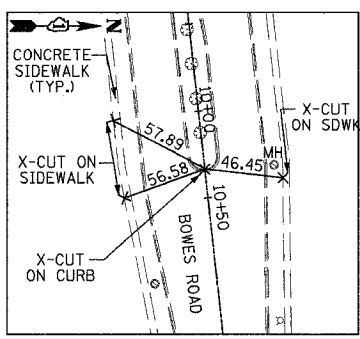
TIE AT STATION 0+00.00



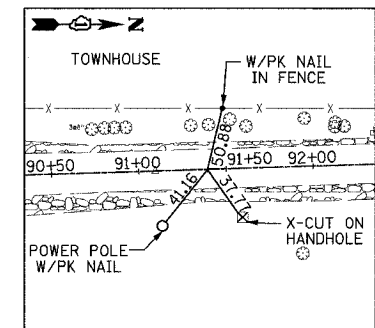
TIE AT STATION 85+78.94



TIE AT STATION 80+18.40



TIE AT STATION 10+33.54



TIE AT STATION 91+39.44

CURVE M2
 P.I. STA = 85+78.94
 DELTA = 1°18'28.4"
 D = 0°07'00.0"
 R = 49110.70
 T = 560.54
 L = 1121.04
 E = 3.20
 S.E. = NC
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 80+18.40
 P.T. STA = 91+39.44

NOTE: FOR BENCHMARKS DESCRIPTION AND LOCATION SEE SHEET NO. 19.

CONTRACTOR SHALL REESTABLISH ANY TIE POINTS THAT COULD BE DISTURBED OR DISPLACED BY CONSTRUCTION ACTIVITIES.

REVISIONS	
NAME	DATE

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McLEAN BOULEVARD
 ALIGNMENT, TIES AND BENCHMARKS

SCALE: DRAWN BY SOI
 DATE 04/06/2007 CHECKED BY

SUGGESTED MAINTENANCE OF TRAFFIC GENERAL NOTES

TEMPORARY INFORMATION SIGNING:

1. EXISTING TRAFFIC CONTROL, SIGNS & MESSAGES THAT ARE IN CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC SHALL BE EITHER TEMPORARILY COVERED OR MODIFIED OR REMOVED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.

2. ALL TEMPORARY SIGNS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICES OF TRAFFIC CONTROL & PROTECTION PAY ITEMS.

PRE-STAGE: TEMPORARY PAVEMENT WIDENING

1. MAINTAIN EXISTING TRAFFIC LANES ON MCLEAN BOULEVARD IN ACCORDANCE WITH STANDARD 701326 AND CONSTRUCT TEMPORARY PAVEMENT WIDENING AS SHOWN IN THE PLANS. PROVIDE TEMPORARY SWALES/DITCHES TO MAINTAIN DRAINAGE AND PROVIDE NECESSARY EROSION CONTROL.

2. PROVIDE TEMPORARY TRAFFIC SIGNALS AT HOPPS ROAD/SPRING STREET/MCLEAN BOULEVARD AND BOWES ROAD/MCLEAN BOULEVARD INTERSECTIONS.

3. REMOVE THE EXISTING PAVEMENT MARKINGS AND PROVIDE TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE WITH STANDARD 701311-02. SHIFT THE SB TRAFFIC ONTO THE TEMPORARY PAVEMENT WIDENING AND NB TRAFFIC ONTO THE REMAINING HALF OF THE OF THE EXISTING PAVEMENT.

4. REMOVE THE MEDIAN ON BOWES ROAD (EAST LEG) AND REPLACE IT WITH THE TEMPORARY HOT-MIX ASPHALT BASE COURSE WIDENING.

STAGE I: PERMANENT NB PAVEMENT ON MCLEAN BOULEVARD

1. MAINTAIN THE TRAFFIC AS SHOWN IN THE PLANS.

2. CONSTRUCT PERMANENT NB PAVEMENT ON MCLEAN BOULEVARD APART FROM HOT-MIX ASPHALT SURFACE COURSE. CONSTRUCT THE NECESSARY DRAINAGE DITCH, STORM SEWERS AND STRUCTURES, CURB AND GUTTER, SIDEWALK, BIKE PATH AND PARKWAY. RECONSTRUCT THE NECESSARY EXISTING DRAINAGE STRUCTURES, AND PROVIDE NECESSARY EROSION CONTROL.

3. CONSTRUCT SUNBURY ROAD, KANE STREET, EAST LEG OF JENNA DRIVE AND SUNDOWN DRIVE USING SHORT TERM PAVING IN ACCORDANCE WITH THE STANDARD 701501-02 AND DETAILS SHOWN IN THE PLANS.

4. CONSTRUCT NORTH SIDE OF HOPPS ROAD/SPRING STREET AND SOUTH SIDE OF BOWES ROAD APART FROM BITUMINOUS SURFACE COURSE PROVIDING LEFT TURN LANE AT BOTH INTERSECTIONS.

5. AT THE END OF STAGE I, COMPLETE THE SUBSTAGE WORKS FOR TWO SIGNALIZED INTERSECTIONS.

6. PROVIDE ADDITIONAL TEMPORARY PAVEMENT WIDENING AND TEMPORARY PAVEMENT MARKING AS SHOWN ON THE PLANS FOR STAGE 2 TRAFFIC.

STAGE II: PERMANENT NB PAVEMENT ON MCLEAN BOULEVARD

1. SHIFT TRAFFIC OVER TO THE STAGE II CONFIGURATION.

2. CONSTRUCT PERMANENT SB PAVEMENT ON MCLEAN BOULEVARD APART FROM HOT-MIX ASPHALT SURFACE COURSE. CONSTRUCT THE NECESSARY DRAINAGE DITCH, STORM SEWERS AND STRUCTURES, CURB AND GUTTER, SIDEWALK, BIKE PATH AND PARKWAY. RECONSTRUCT OR ADJUST THE NECESSARY EXISTING DRAINAGE STRUCTURES, AND PROVIDE NECESSARY EROSION CONTROL.

3. COMPLETE THE WEST LEG SHORT TERM PAVING OF JENNA DRIVE/MCLEAN BOULEVARD INTERSECTION APART FROM HOT-MIX ASPHALT SURFACE COURSE IN ACCORDANCE WITH STANDARD 701501-2 AND THE DETAILS SHOWN IN THE PLANS.

4. CONSTRUCT THE SOUTH SIDE OF HOPPS ROAD/SPRING STREET AND NORTH SIDE OF BOWES ROAD.

5. PROVIDE TEMPORARY MARKING FOR STAGE III.

STAGE III: MEDIAN CONSTRUCTION/FINAL SURFACE

1. SHIFT TRAFFIC OVER TO THE STAGE III CONFIGURATION.

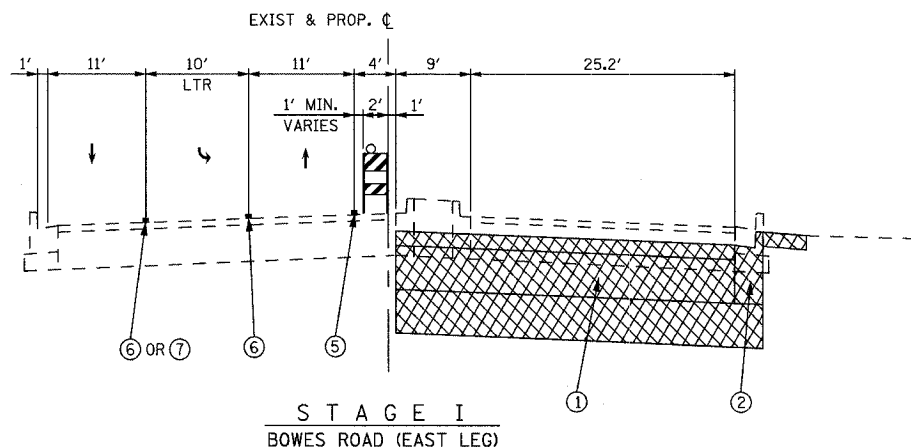
2. COMPLETE THE CONSTRUCTION OF MEDIANS FOR HOPPS ROAD/SPRING STREET (WEST LEG) AND BOWES ROAD (EAST LEG).

3. CONSTRUCT CURB AND GUTTER FROM STA 31+96 TO STA 38+70. USE STANDARD 701311-02 WHEN LANE CLOSURE IS NECESSARY.

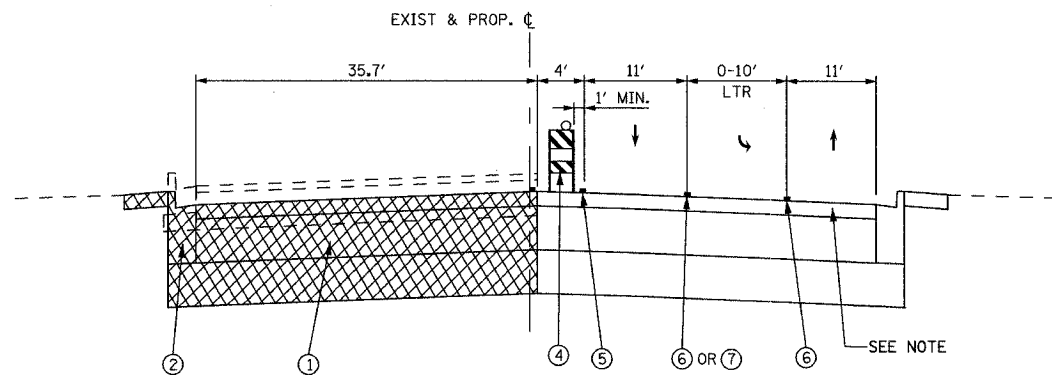
4. CONSTRUCT BITUMINOUS CONCRETE SURFACE COURSE IN ALL NEW PAVEMENT AND WIDENED PAVEMENTS WITHIN THE PROJECT USING DAY ONLY LANE CLOSURES (STANDARD 701606-03). APPLY FINAL PAVEMENT MARKINGS.

SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCE

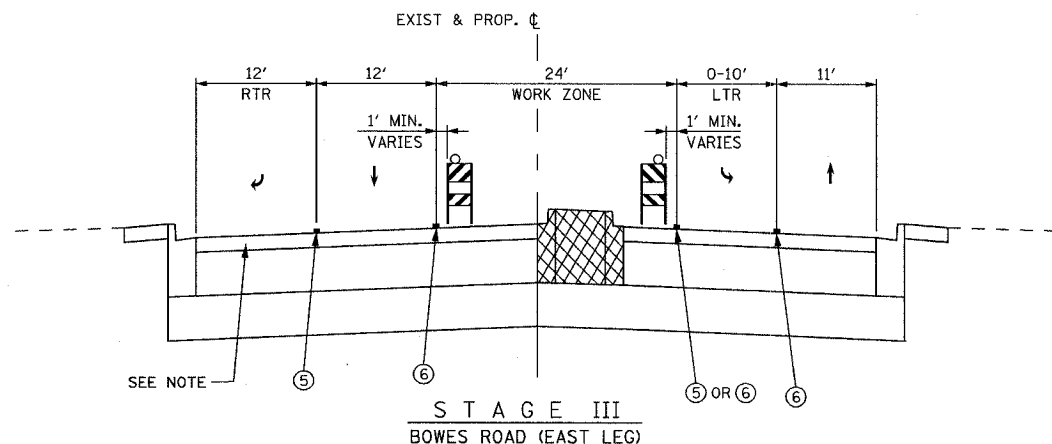
STAGES	TEMP. PVMNT. MARKINGS ON MCLEAN BLVD.
PRESTAGE	USE IDOT STANDARD DETAIL.
STAGE I	SEE MOT PLAN SHEETS.
SUBSTAGES A1 AND A2	MAINTAIN STAGE I STRIPINGS WITH MINOR MODIFICATION FOR THE INTERIM RIGHT TURN DURING THE SUBSTAGE A1.
SUBSTAGES B1 AND B2	MAINTAIN STAGE I STRIPINGS WITH MODIFICATION TO THE INTERSECTIONS AND THE INTERSECTION APPROACHES.
SUBSTAGES B3 (BOWES ROAD)	MAINTAIN SUBSTAGE B2 STRIPINGS WITH MODIFICATION TO THE INTERSECTIONS AND THE INTERSECTION APPROACHES.
SUBSTAGES C1 AND C2	SEE MOT PLAN SHEETS. PROVIDE STAGE 2 STRIPINGS BEYOND THE INTERSECTION APPROACHES.
SUBSTAGES D1 AND D2	MAINTAIN SUBSTAGE C2 STRIPINGS WITH MODIFICATION TO THE INTERSECTIONS AND THE INTERSECTION APPROACHES.
STAGE II	MAINTAIN SUBSTAGE D2 STRIPINGS WITH MODIFICATION TO THE INTERSECTIONS AND THE INTERSECTION APPROACHES.
STAGE III	SEE MOT PLAN SHEETS.
FINAL SURFACE COURSE	USE IDOT STANDARD DETAIL.



STAGE I
BOWES ROAD (EAST LEG)



STAGE II
BOWES ROAD (EAST LEG)



STAGE III
BOWES ROAD (EAST LEG)

NOTE:
DURING THE STAGES I, II AND III BUILD THE PROPOSED PAVEMENT UP TO 1/2" BELOW THE PROPOSED GRADE ELEVATION. AFTER COMPLETION OF STAGE III PAVE 1/2" OF HOT-MIX ASPHALT SURFACE COURSE.

LEGEND

- ① PROPOSED HOT-MIX ASPHALT PAVEMENT
- ② PROPOSED COMBINATION CONCRETE CURB AND GUTTER
- ③ TEMPORARY PAVEMENT WIDENING - (HOT-MIX ASPHALT CONCRETE BASE COURSE WIDENING 10')
- ④ BARRICADE OR DRUM WITH STEADY BURNING LIGHTS
- ⑤ TEMPORARY PAVEMENT MARKING 4" (WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING 4" (YELLOW)
- ⑦ TEMPORARY PAVEMENT MARKING 6" (WHITE)
- ⑧ TEMPORARY SEEDING CLASS 7
- ⑨ NOT USED
- ⑩ TEMPORARY CONCRETE BARRIER
- ▨ CONSTRUCTION LIMIT
- ▨ TEMPORARY PAVEMENT WIDENING

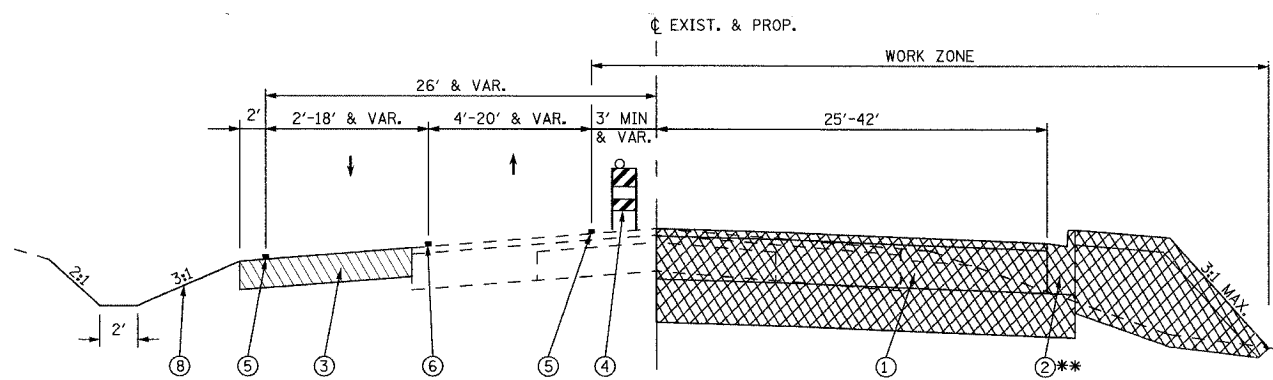
REVISIONS	
NAME	DATE

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McLEAN BOULEVARD
MAINTENANCE OF TRAFFIC
BOWES ROAD
TYPICAL SECTIONS

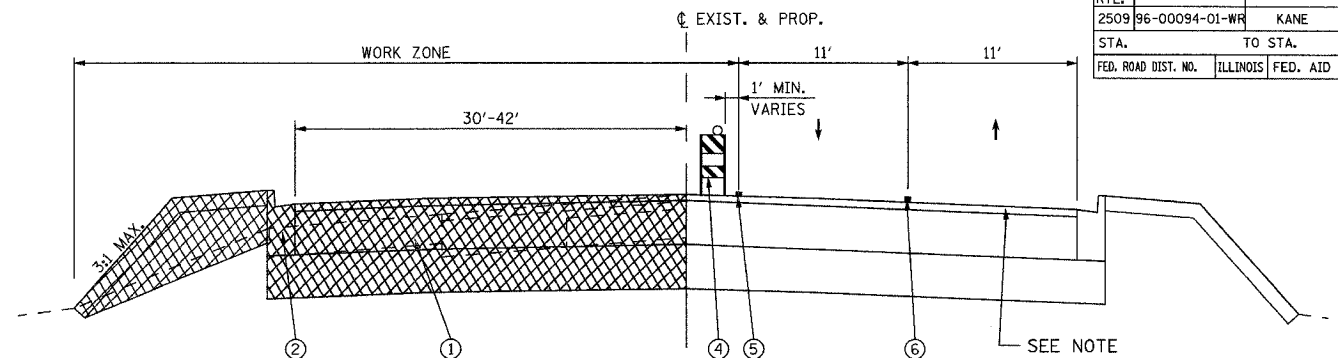
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



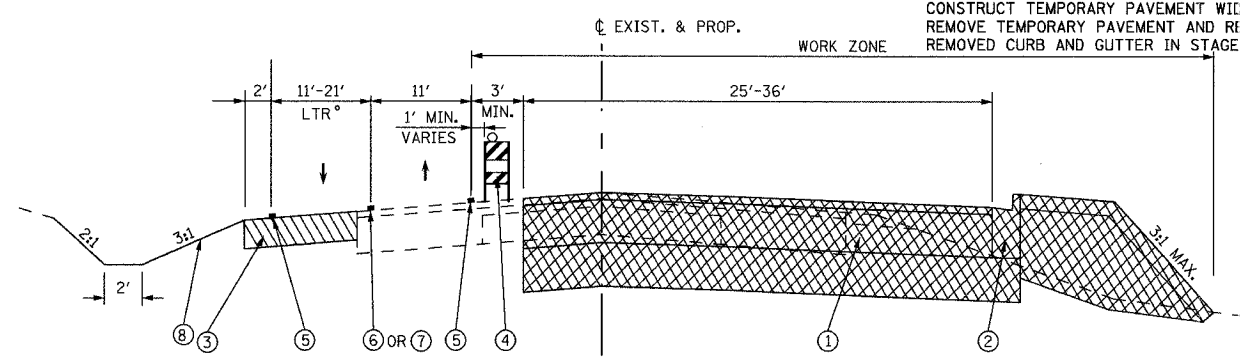
STAGE I
 STA. 33+90.00 TO STA. 41+50*
 STA. 49+45 TO STA. 60+50
 STA. 71+00 TO STA. 79+70
 STA. 87+32 TO STA. 90+00

* FROM STA. 33+90 TO STA. 45+00
 PAVEMENT RESURFACING
 (SEE ROADWAY TYPICAL SECTIONS)
 ** FROM STA. 36+69 TO STA. 38+75 (RT)
 REMOVE EXIST. CONCRETE C & G (STAGE I).
 FROM STA. 31+95 TO STA. 38+75 (RT)
 CONSTRUCT TEMPORARY PAVEMENT WIDENING IN STAGE I.
 REMOVE TEMPORARY PAVEMENT AND REINSTATE
 REMOVED CURB AND GUTTER IN STAGE III.



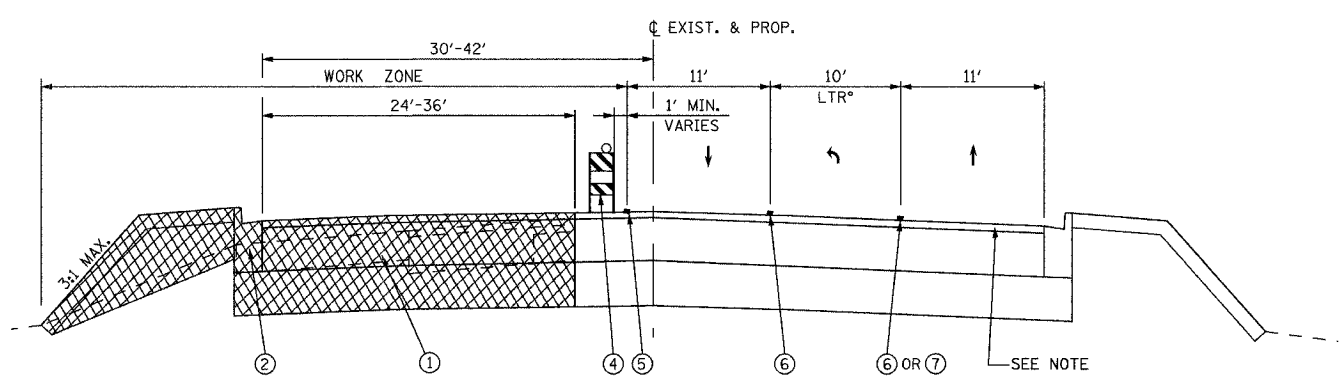
STAGE II
 STA. 31+96 TO STA. 42+07
 STA. 49+45 TO STA. 60+50
 STA. 71+00 TO STA. 79+70
 STA. 87+31 TO STA. 90+00

SEE NOTE



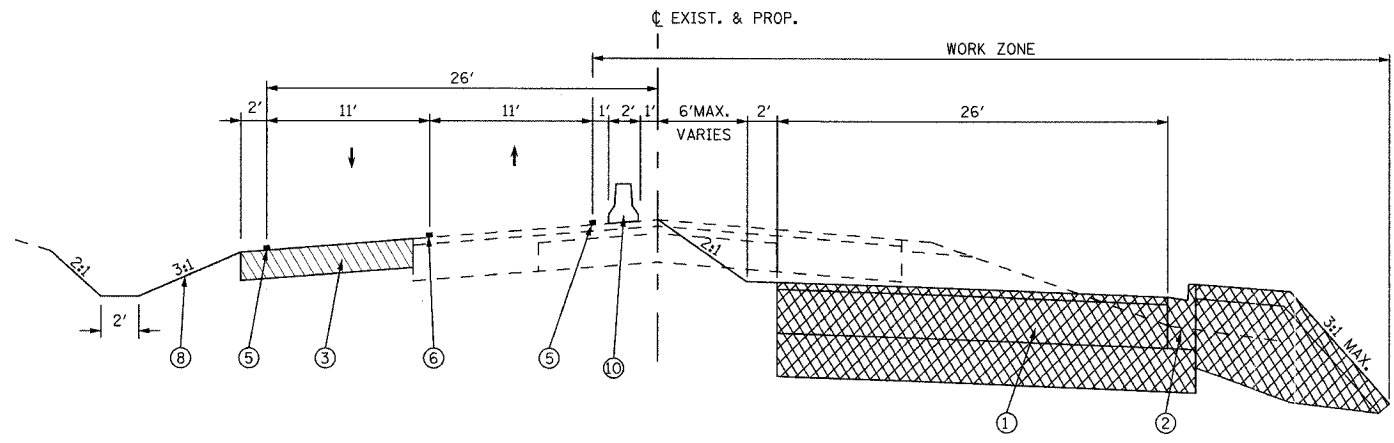
STAGE I
 STA. 41+50 TO STA. 49+45
 STA. 79+70 TO STA. 87+31

* LEFT TURN LANE AT BOWES STREET INTERSECTION ONLY

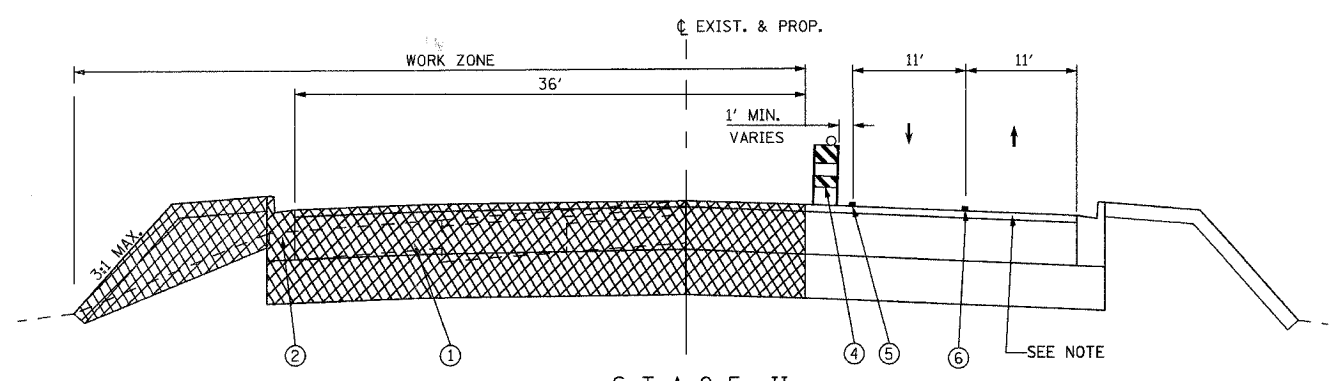


STAGE II
 STA. 41+50 TO STA. 49+45
 STA. 79+70 TO STA. 87+31

SEE NOTE



STAGE I
 STA. 60+50 TO STA. 71+00



STAGE II
 STA. 60+50 TO STA. 71+00

SEE NOTE

NOTE:
 DURING THE STAGES 1, 2 AND 3 BUILD THE
 PROPOSED PAVEMENT UP TO 1/2" BELOW THE
 PROPOSED GRADE ELEVATION. AFTER COMPLETION
 OF STAGE 3 PAVE 1 1/2" OF BITUMINOUS CONCRETE
 SURFACE COURSE.

FOR GENERAL NOTES &
 LEGEND SEE SHEET NO. 22

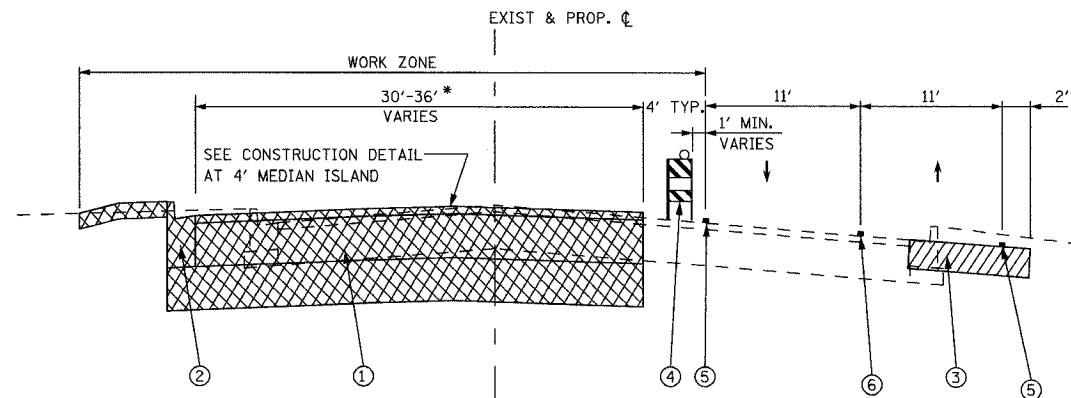
REVISIONS	
NAME	DATE

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McLEAN BOULEVARD
 SUGGESTED
 MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS

SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

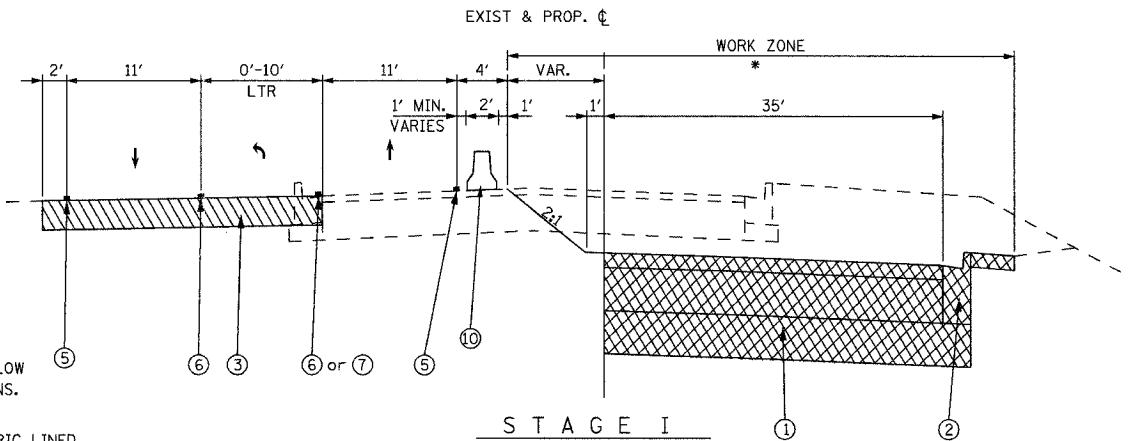


STAGE I
SPRING ST.

- *1 WIDENING AND RESURFACING:
FROM STA 5+00 TO STA 10+50
FROM STA 14+00 TO STA 18+00 (WB)
- 2 RECONSTRUCTION:
FROM STA 10+50 TO STA 12+08
FROM STA 12+80 TO STA 14+00 (WB)
- 3. RESURFACING
FROM STA. 12+80 TO STA. 16+93 (EB)

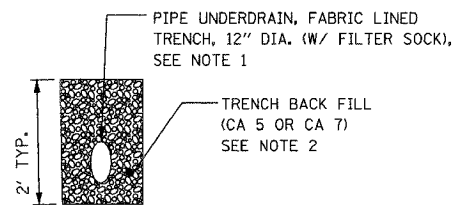
EXIST. SIDEWALK

PIPE UNDERDRAIN, FABRIC LINED TRENCH
12" DIA. (W/ FILTER SOCK), SEE DETAIL BELOW
AND EROSION CONTROL PLANS FOR LOCATIONS.



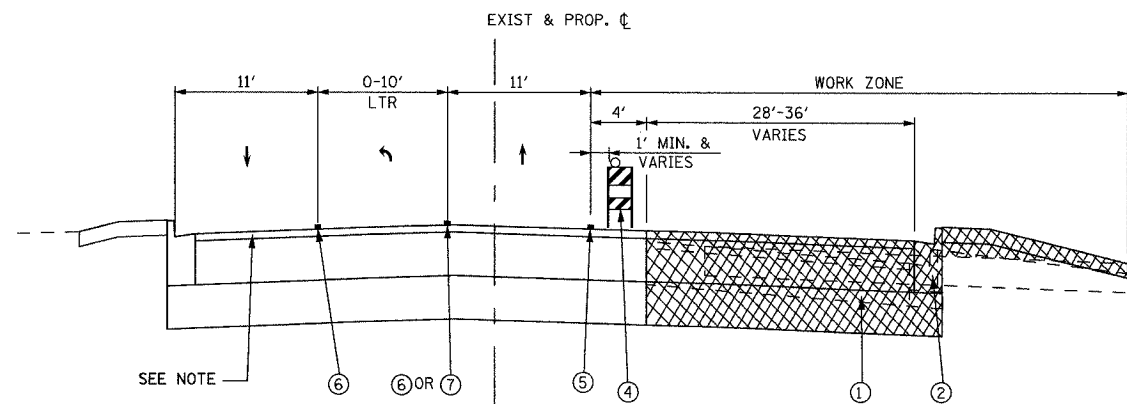
STAGE I
BOWES ROAD (WEST LEG)

- *1 WIDENING AND RESURFACING:
FROM STA. 0+00 TO STA. 3+57
- 2 RECONSTRUCTION:
FROM STA. 3+57 TO STA. 6+14
FROM STA. 7+04 TO STA. 8+20

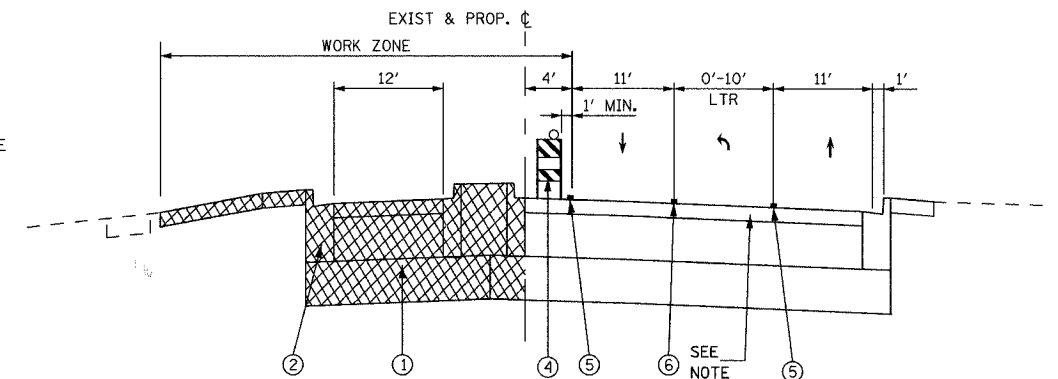


TEMPORARY DRAINAGE DETAIL

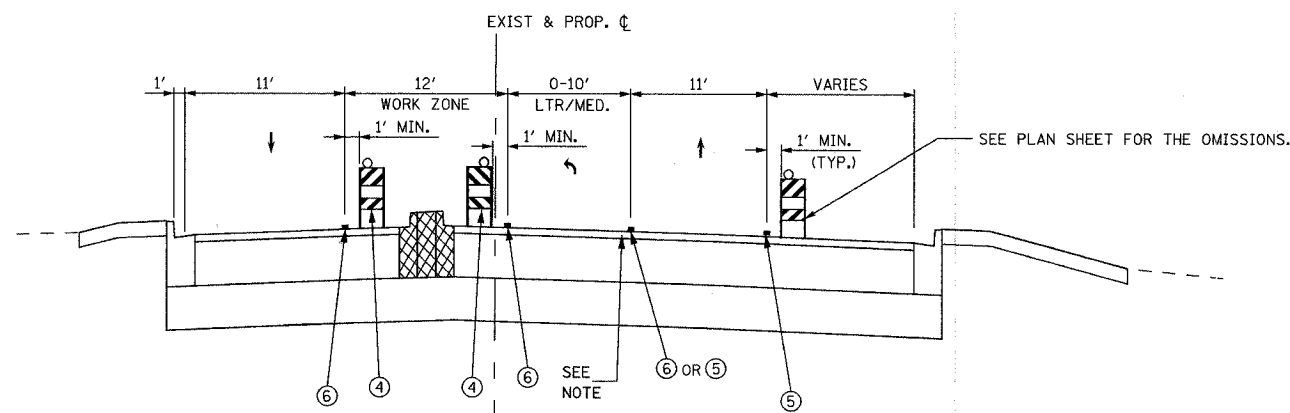
- NOTE:
1. COST OF FURNISHING AND INSTALLING FABRIC ENVELOPE AND FILTER SOCK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PIPE UNDERDRAINS, FABRIC LINED TRENCH 12"
 2. PROVIDE MINIMUM 6" COVER AROUND THE PIPE UNDERDRAIN.



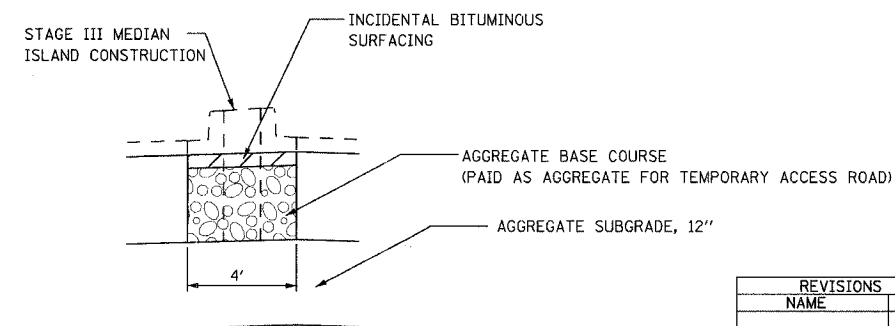
STAGE II
SPRING ST.



STAGE II
BOWES ROAD (WEST LEG)



STAGE III
SPRING ST.



STAGE I CONSTRUCTION DETAIL AT 4-FOOT MEDIAN ISLAND ON SPRING STREET

NOTE:
DURING THE STAGES I, II AND III BUILD THE PROPOSED PAVEMENT UP TO 1/2" BELOW THE PROPOSED GRADE ELEVATION. AFTER COMPLETION OF STAGE III PAVE 1/2" OF HOT-MIX ASPHALT SURFACE COURSE.

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McLEAN BOULEVARD
SUGGESTED MAINTENANCE OF TRAFFIC
SPRING STREET AND BOWES ROAD
TYPICAL SECTIONS

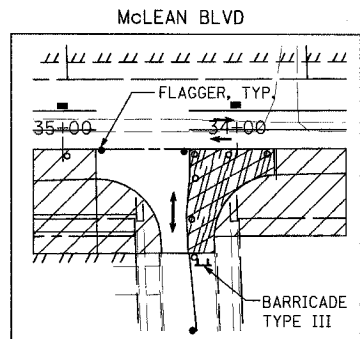
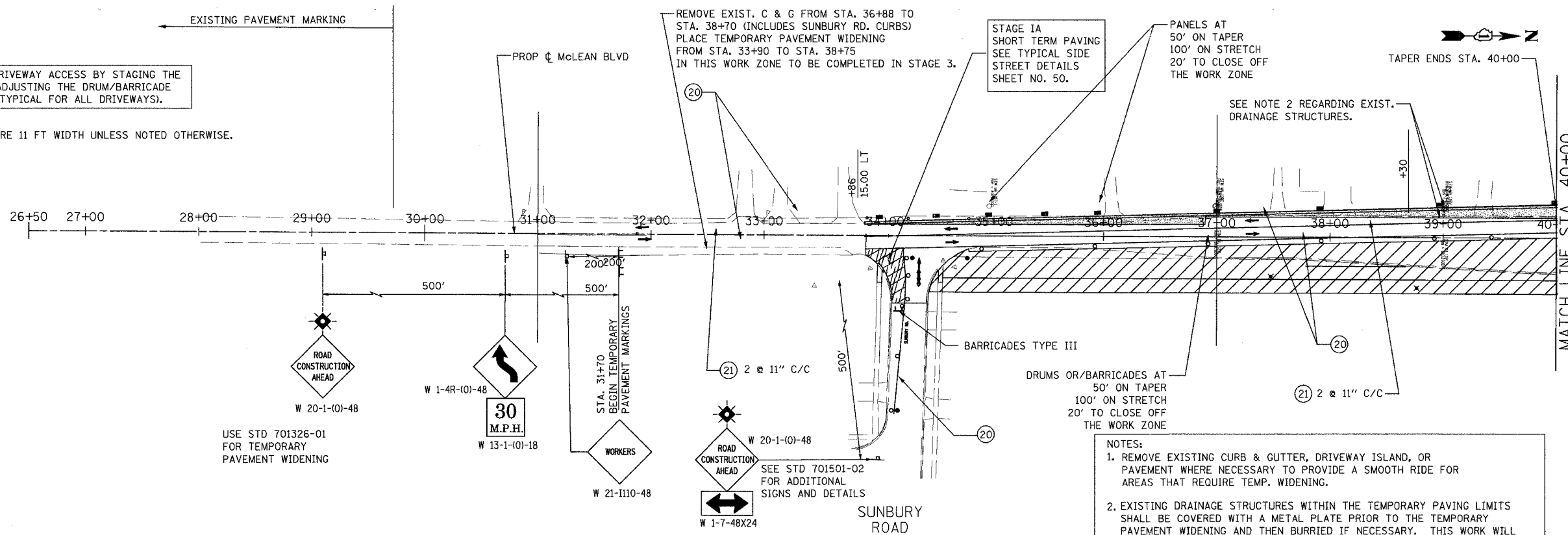
REVISIONS	NAME	DATE

SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

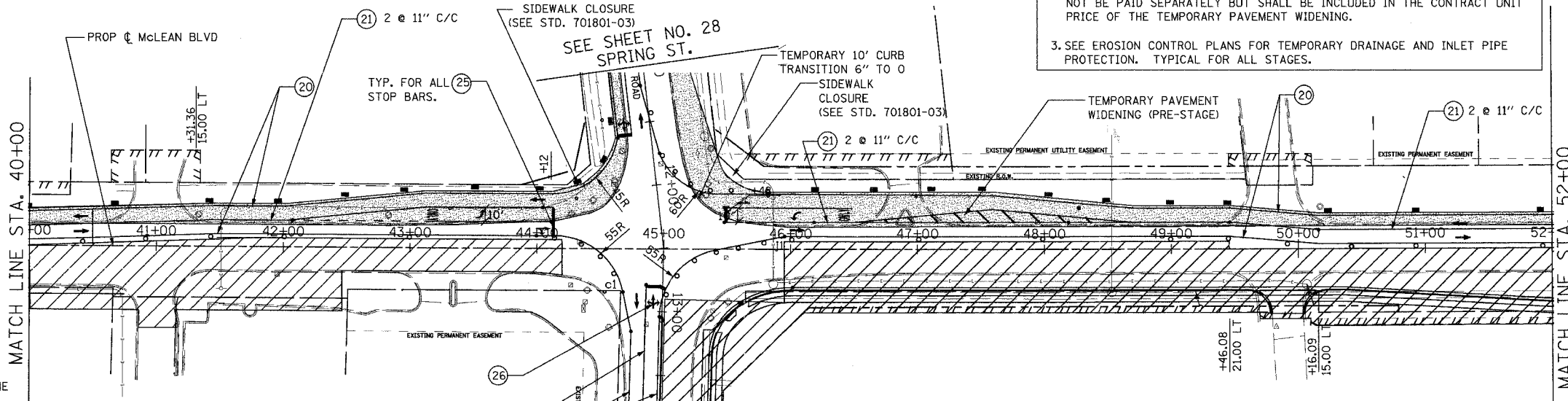
CONTRACT NO. 83737				
F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

MAINTAIN DRIVEWAY ACCESS BY STAGING THE WORK AND ADJUSTING THE DRUM/BARRICADE SPACING. (TYPICAL FOR ALL DRIVEWAYS).

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.



- NOTES:
1. REMOVE EXISTING CURB & GUTTER, DRIVEWAY ISLAND, OR PAVEMENT WHERE NECESSARY TO PROVIDE A SMOOTH RIDE FOR AREAS THAT REQUIRE TEMP. WIDENING.
 2. EXISTING DRAINAGE STRUCTURES WITHIN THE TEMPORARY PAVING LIMITS SHALL BE COVERED WITH A METAL PLATE PRIOR TO THE TEMPORARY PAVEMENT WIDENING AND THEN BURIED IF NECESSARY. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE TEMPORARY PAVEMENT WIDENING.
 3. SEE EROSION CONTROL PLANS FOR TEMPORARY DRAINAGE AND INLET PIPE PROTECTION. TYPICAL FOR ALL STAGES.



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT
- SHORT TERM PAVING WORK ZONE (CONSTRUCTION DURATION LESS THAN 12 HOURS)
- BARRICADE TYPE III WITH TWO FLASHING LIGHT (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN)
- BARRICADE TYPE I OR II OR DRUMS, WITH STEADY-BURNING LIGHT (SEE APPLICABLE IDOT STANDARD FOR SPACING)
- TEMPORARY TRAFFIC ADVISORY SIGN
- VERTICAL PANEL WITH STEADY-BURNING LIGHT (15.240m)
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- SIGN LEGEND NUMBER (SEE ADJACENT LEGEND FOR SIGNS AND CORRESPONDING NUMBERS)
- TEMPORARY DRAINAGE SWALE

PAVEMENT MARKING

- TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- PAVEMENT MARKING MARKING - LINE 12" (WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 12" (YELLOW)
- PAVEMENT MARKING MARKING - LINE 24" (WHITE)
- TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS

URS 100 SOUTH WACKER DRIVE SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

McLEAN BOULEVARD

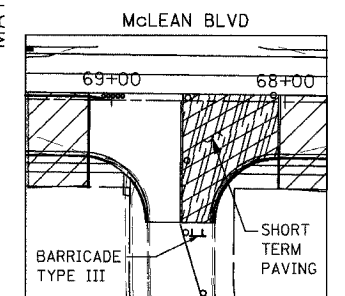
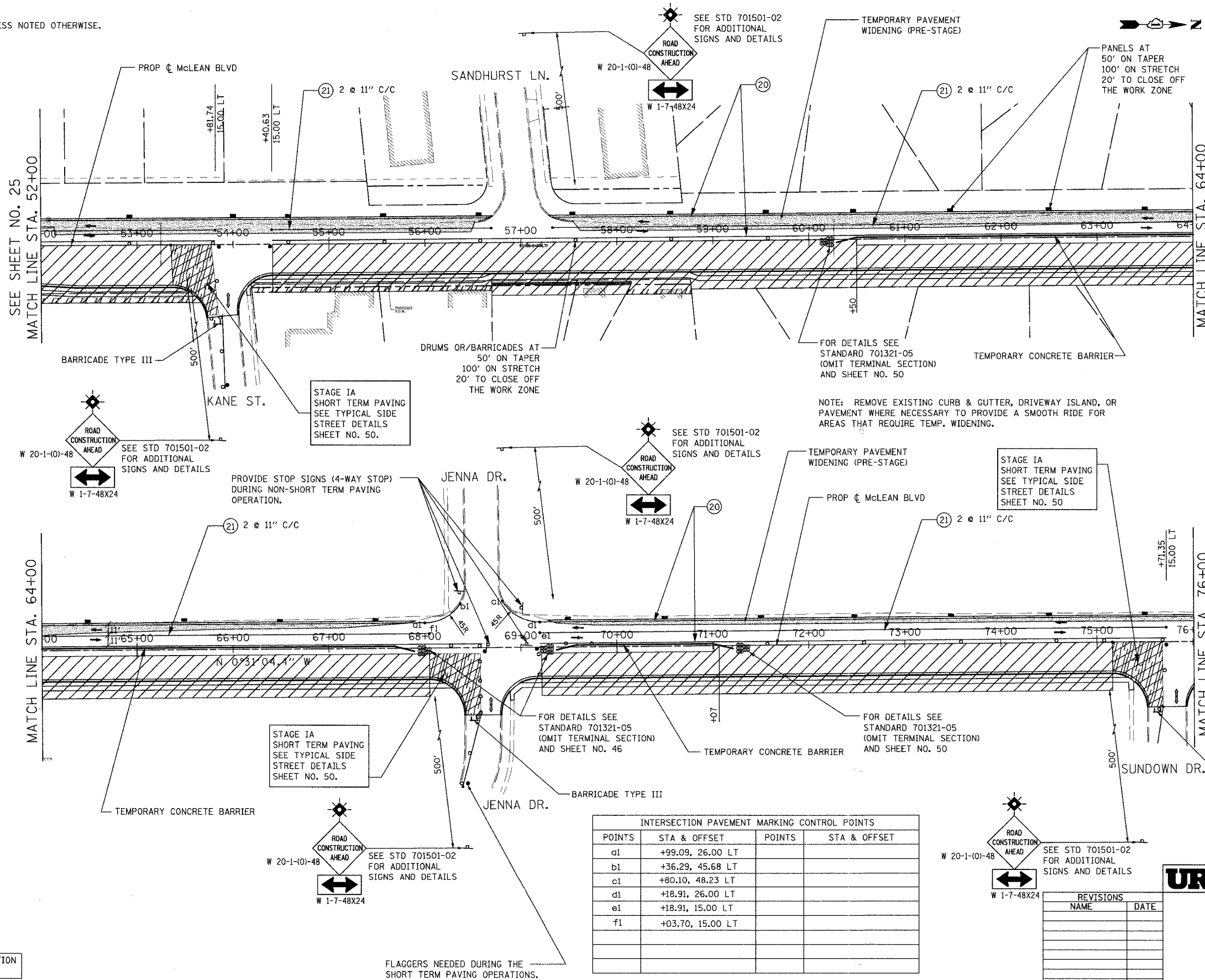
SUGGESTED MAINTENANCE OF TRAFFIC STAGE I

REVISIONS	
NAME	DATE

SCALE: DATE 04/06/2007 DRAWN BY KLM CHECKED BY NAP

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



INTERSECTION PAVEMENT MARKING CONTROL POINTS			
POINTS	STA & OFFSET	POINTS	STA & OFFSET
d1	+99.09, 26.00 LT		
b1	+36.29, 45.68 LT		
c1	+80.10, 48.23 LT		
d1	+18.91, 26.00 LT		
e1	+18.91, 15.00 LT		
f1	+03.70, 15.00 LT		

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500 CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4198

McLEAN BOULEVARD

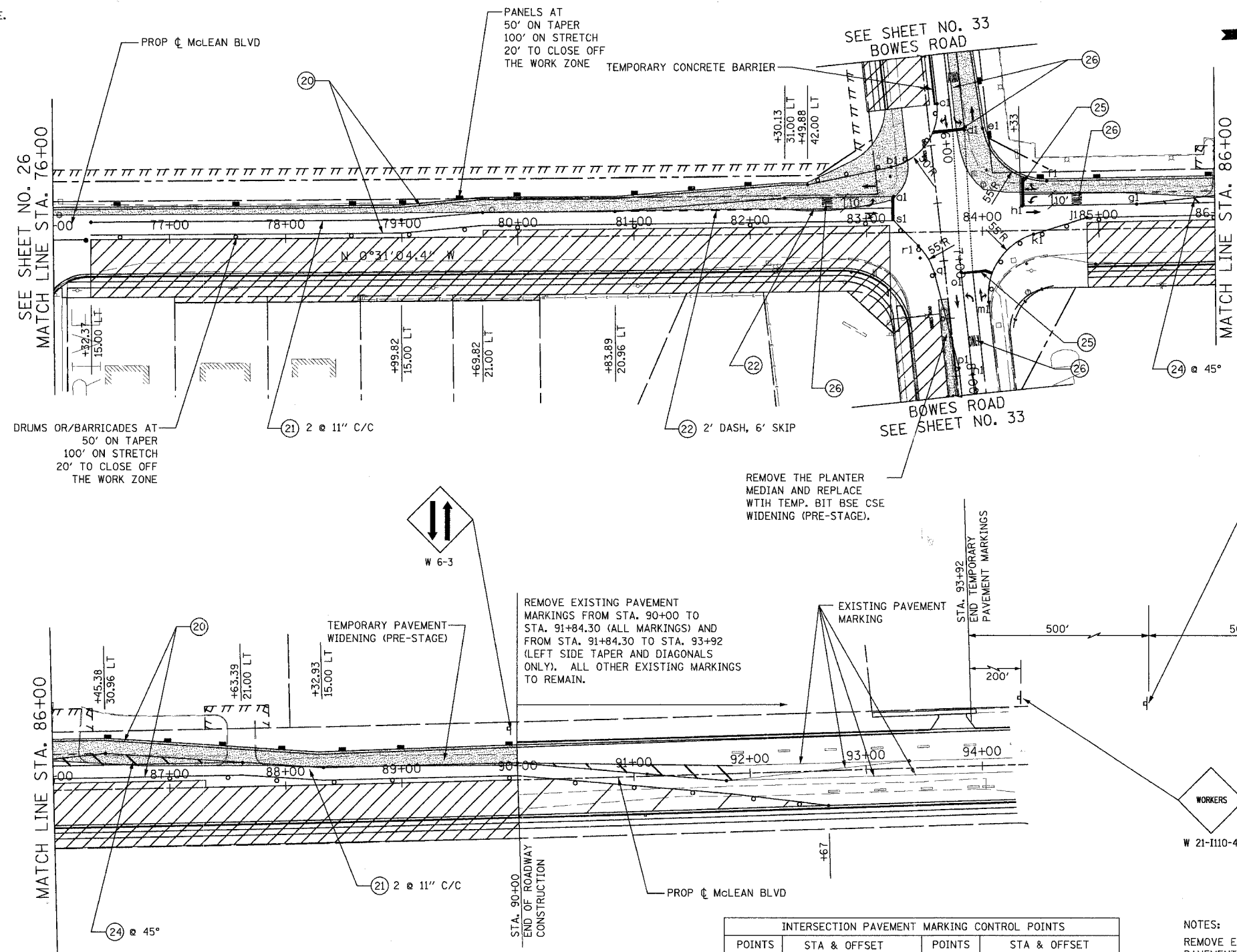
SUGGESTED MAINTENANCE OF TRAFFIC STAGE I

SCALE: DATE 04/06/2007

DRAWN BY MIA
CHECKED BY NAP

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.



REMOVE EXISTING PAVEMENT MARKINGS FROM STA. 90+00 TO STA. 91+84.30 (ALL MARKINGS) AND FROM STA. 91+84.30 TO STA. 93+92 (LEFT SIDE TAPER AND DIAGONALS ONLY). ALL OTHER EXISTING MARKINGS TO REMAIN.

REMOVE THE PLANTER MEDIAN AND REPLACE WITH TEMP. BIT BASE WIDENING (PRE-STAGE).

SEE STD 701606-03 FOR ADDITIONAL SIGNS AND DETAILS.

USE STD 701326-01 FOR TEMPORARY PAVEMENT WIDENING DURING THE PRESTAGE.

INTERSECTION PAVEMENT MARKING CONTROL POINTS			
POINTS	STA & OFFSET	POINTS	STA & OFFSET
a1	+24.03, 31.00 LT	p1	7+93.33, 2.74 LT
b1	+22.23, 56.25 LT	q1	7+10.69, 9.05 RT
c1	5+65.00, 9.00 LT	r1	+44.65, 11.66 RT
d1	5+89.93, 30.06 LT	s1	+24.03, 10.00 LT
e1	5+90.32, 45.56 LT		
f1	+55.94, 42.00 LT		
g1	+33.07, 21.00 LT		
h1	+34.29, 21.00 LT		
j1	+90.00, 10.00 RT		
k1	+43.83, 3.36 RT		
m1	7+39.60, 34.65 LT		
n1	8+00.00, 13.70 LT		
o1	7+11.36, 13.62 LT		

NOTES:
 REMOVE EXISTING CURB & GUTTER, DRIVEWAY ISLAND, OR PAVEMENT WHERE NECESSARY TO PROVIDE A SMOOTH RIDE FOR AREAS THAT REQUIRE TEMP. WIDENING.
 ALL LANES ARE 11-FOOT WIDTH UNLESS SHOWN OTHERWISE.

FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
 SUITE 500 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4198

McLEAN BOULEVARD
 SUGGESTED MAINTENANCE OF TRAFFIC STAGE I

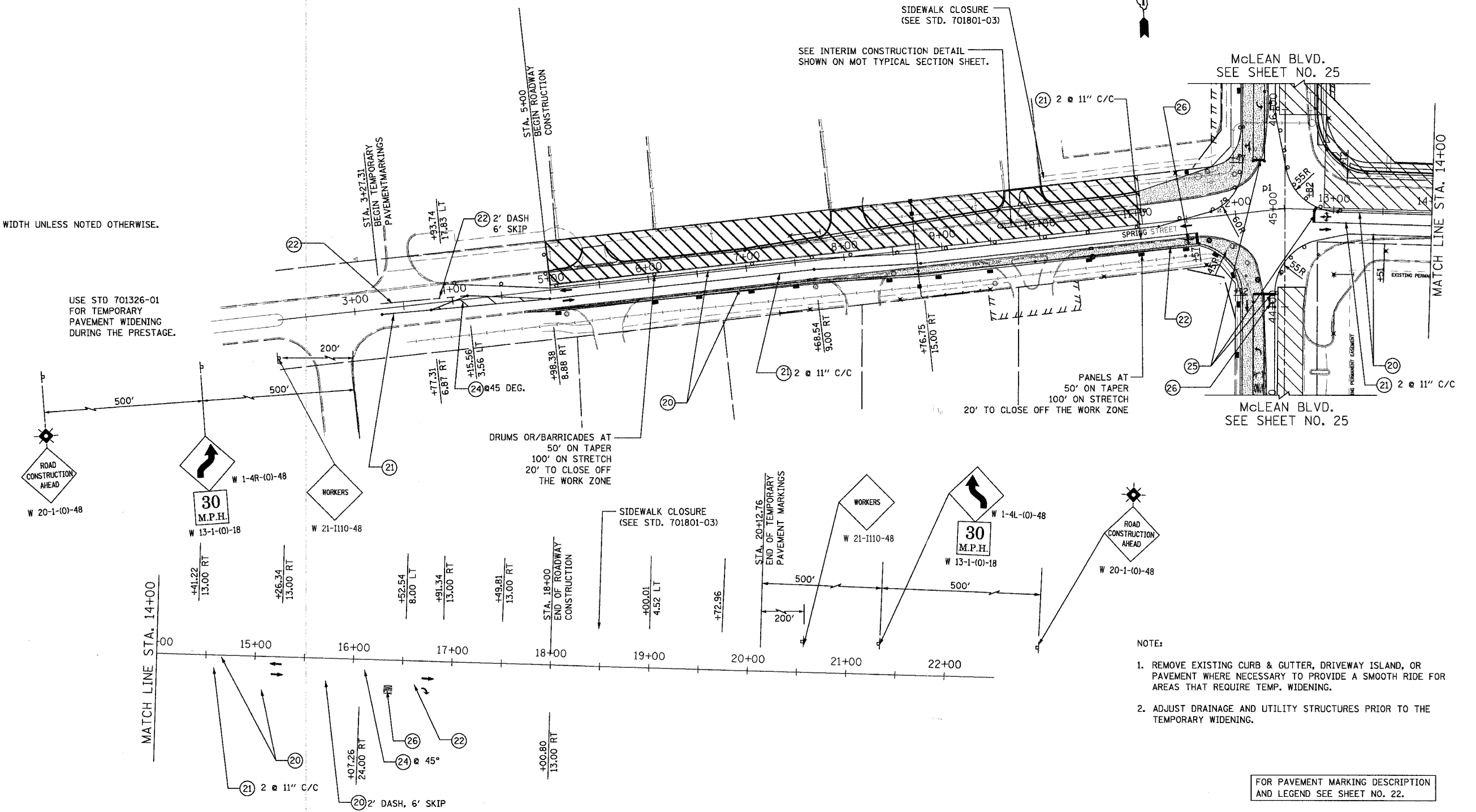
SCALE: DATE 04/06/2007
 DRAWN BY MIA
 CHECKED BY NAP

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

USE STD 701326-01 FOR TEMPORARY PAVEMENT WIDENING DURING THE PRESTAGE.



- NOTE:
1. REMOVE EXISTING CURB & GUTTER, DRIVEWAY ISLAND, OR PAVEMENT WHERE NECESSARY TO PROVIDE A SMOOTH RIDE FOR AREAS THAT REQUIRE TEMP. WIDENING.
 2. ADJUST DRAINAGE AND UTILITY STRUCTURES PRIOR TO THE TEMPORARY WIDENING.

FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

URS 100 SOUTH WACKER DRIVE
SUITE 500 CHICAGO, IL 60606
TEL (312) 939-1000 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD

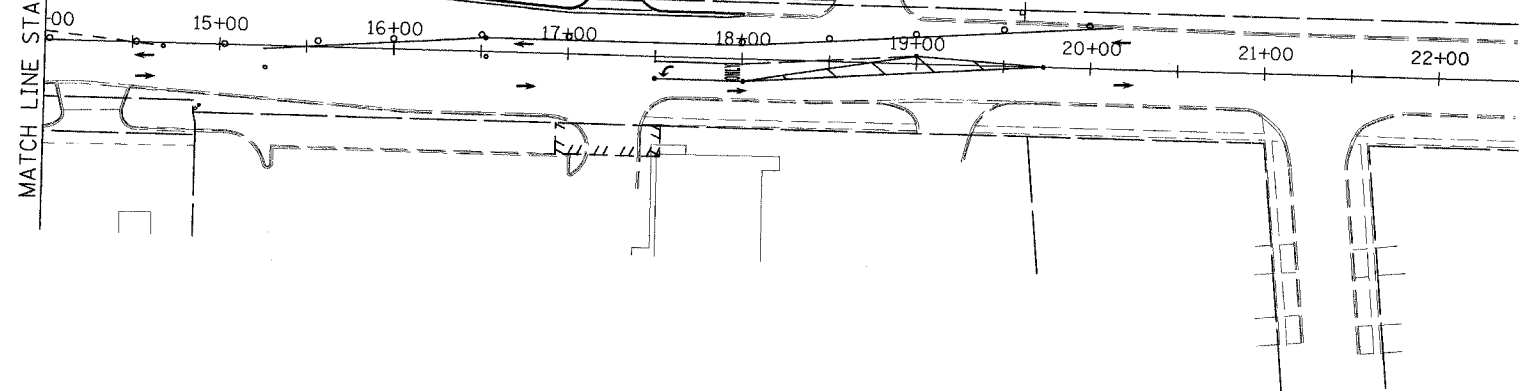
SUGGESTED MAINTENANCE OF TRAFFIC
SPRING ST.
STAGE I

SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

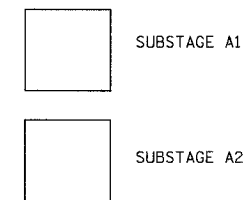
CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	29
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		

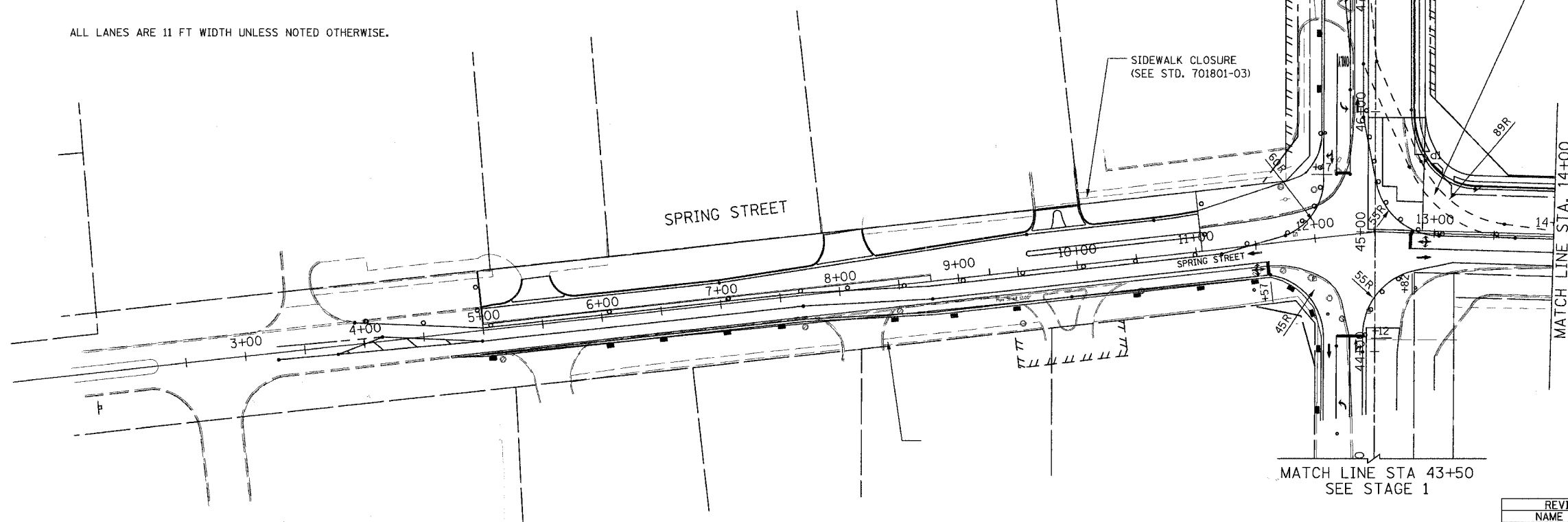
MATCH LINE STA. 14+00



SEE STAGE I SIGN LOCATIONS.



ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.



MAINTAIN TEMPORARY PAVEMENT MARKINGS FROM STAGE 1 EXCEPT FOR THE MINOR MODIFICATION NECESSARY FOR SUBSTAGE A1.

FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

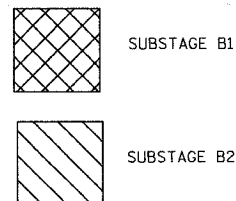
McLEAN BOULEVARD

SUGGESTED
MAINTENANCE OF TRAFFIC
SPRING STREET
SUBSTAGES A1 AND A2

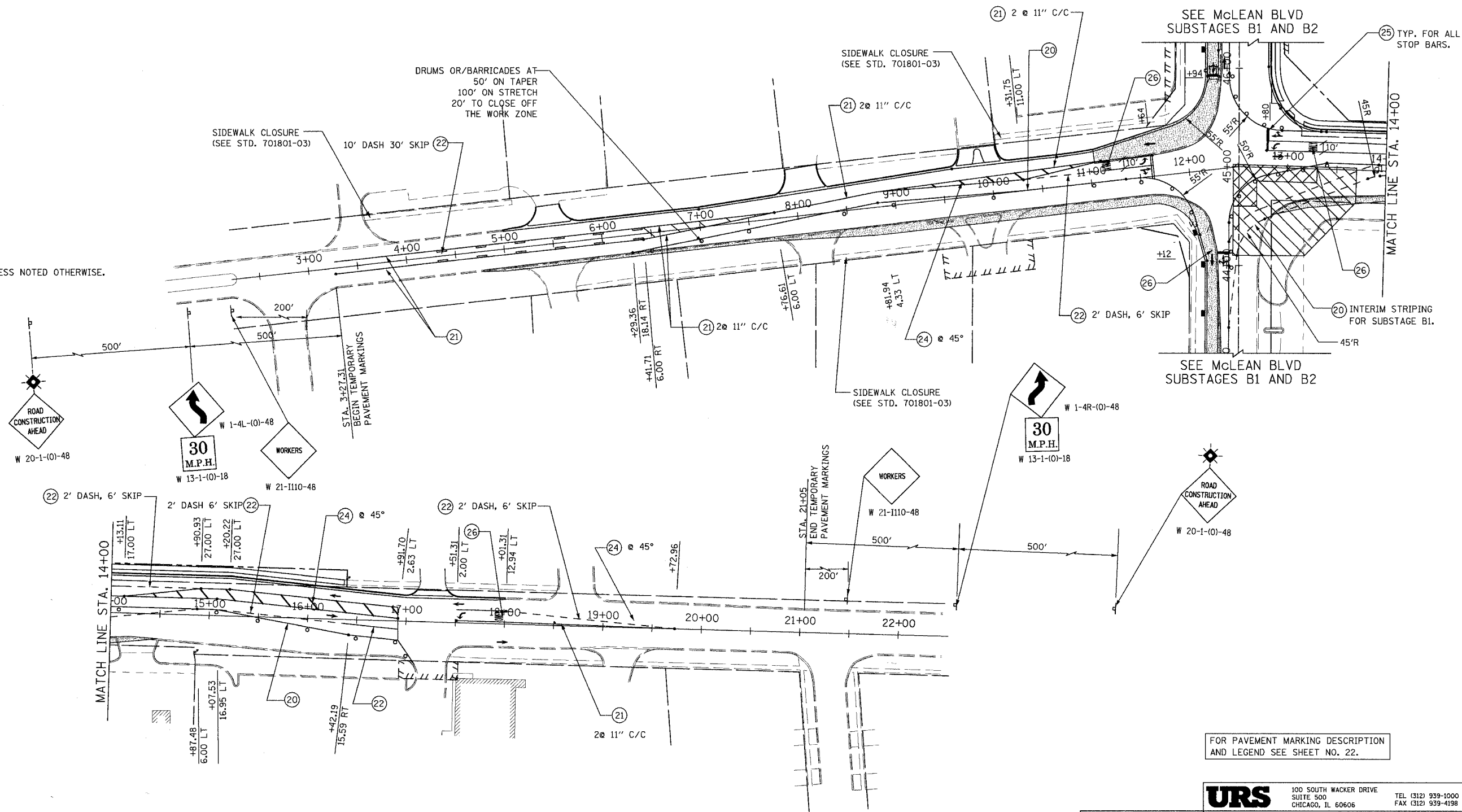
SCALE: _____ DRAWN BY _____
DATE 04/06/2007 CHECKED BY _____

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.



FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

URS 100 SOUTH WACKER DRIVE
SUITE 500 CHICAGO, IL 60606
TEL (312) 939-1000 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD

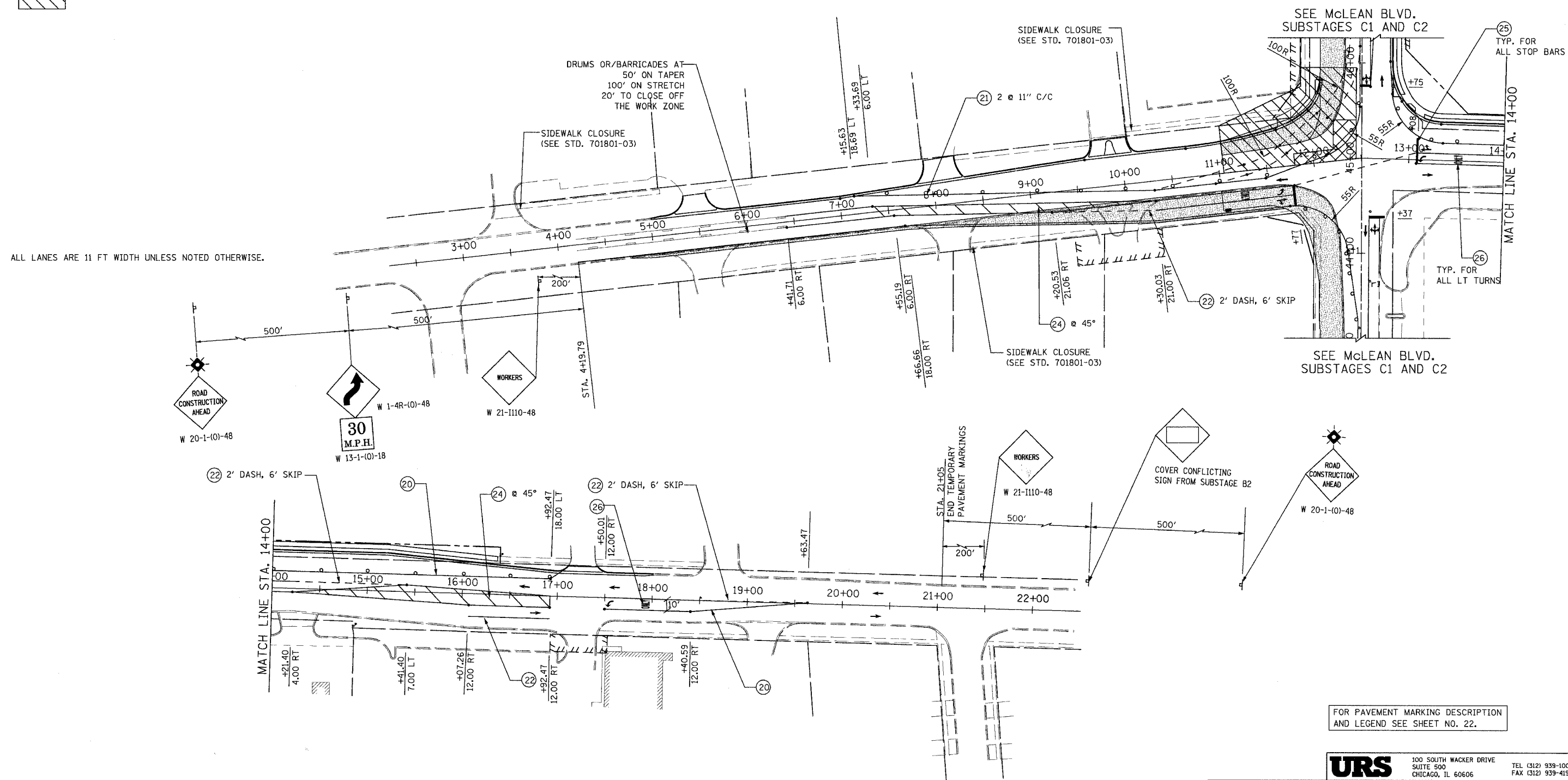
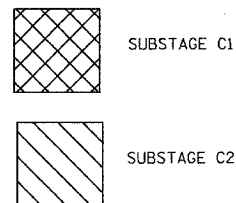
SUGGESTED MAINTENANCE OF TRAFFIC SPRING STREET, SUBSTAGES B1 AND B2

SCALE: DATE 04/06/2007

DRAWN BY CHECKED BY

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	31
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

URS 300 SOUTH WACKER DRIVE SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

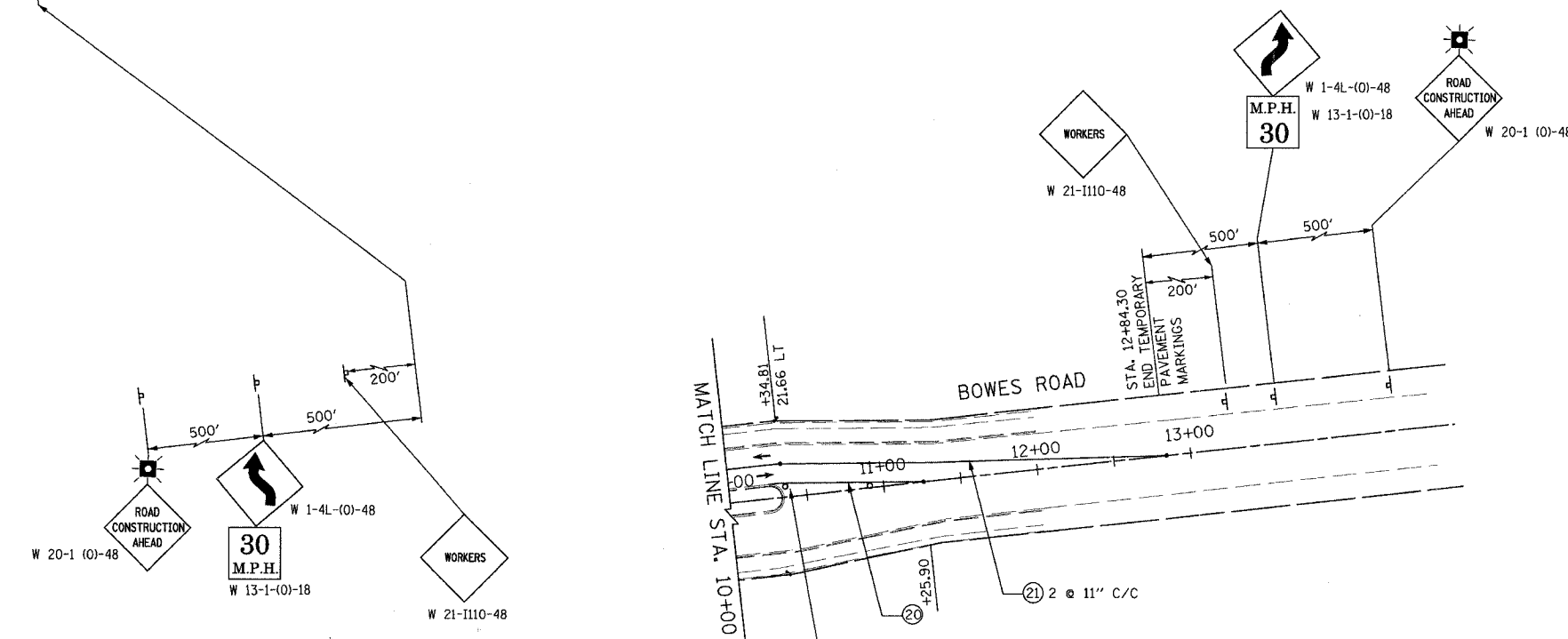
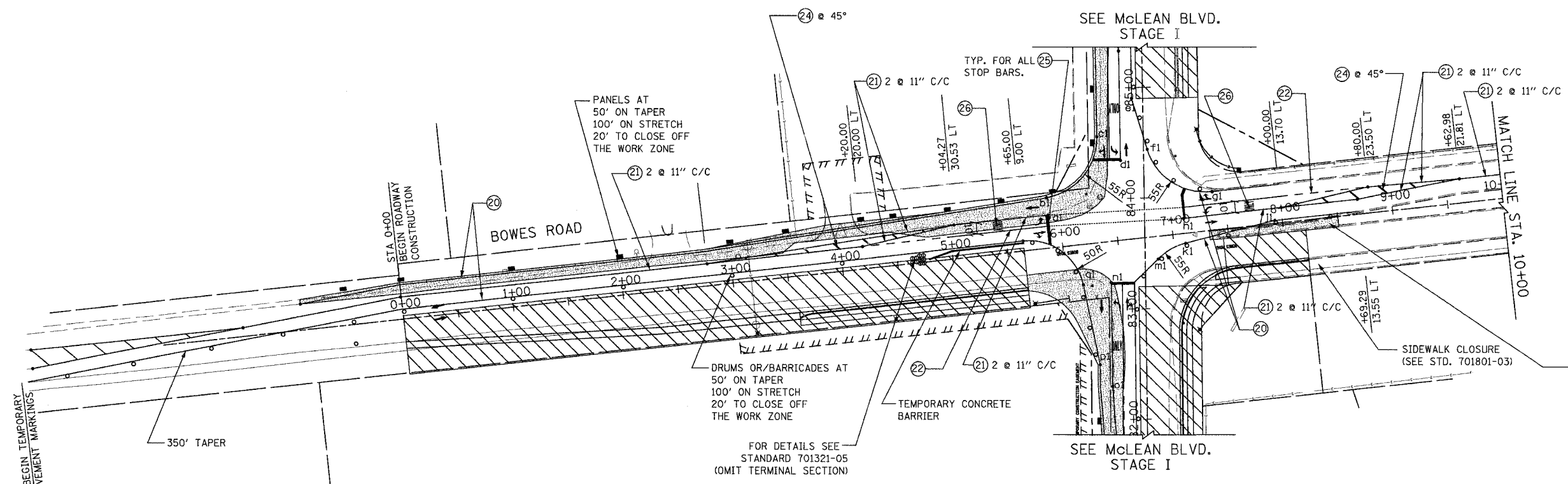
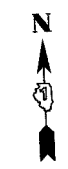
REVISIONS	
NAME	DATE

McLEAN BOULEVARD

SUGGESTED MAINTENANCE OF TRAFFIC SPRING STREET SUBSTAGES C1 AND C2

SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

CONTRACT NO. 83737				
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509 96-00094-01-WR		KANE	187	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



INTERSECTION PAVEMENT MARKING CONTROL POINTS			
POINTS	STA & OFFSET	POINTS	STA & OFFSET
d1	5+89.93, 30.06 LT	p1	+49.88, 42.00 LT
b1	5+90.32, 45.56 LT	q1	+22.23, 56.25 LT
c1	+55.94, 42.00 LT		
d1	+34.29, 21.00 LT		
e1	+90.00, 10.00 LT		
f1	+43.83, 3.36 RT		
g1	7+39.60, 34.65 LT		
h1	7+11.36, 13.62 LT		
j1	8+00.00, 13.70 LT		
k1	7+10.69, 9.05 RT		
m1	+44.65, 11.66 RT		
n1	+24.03, 31.00 LT		
o1	+30.13, 31.00 LT		

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

REVISIONS	
NAME	DATE

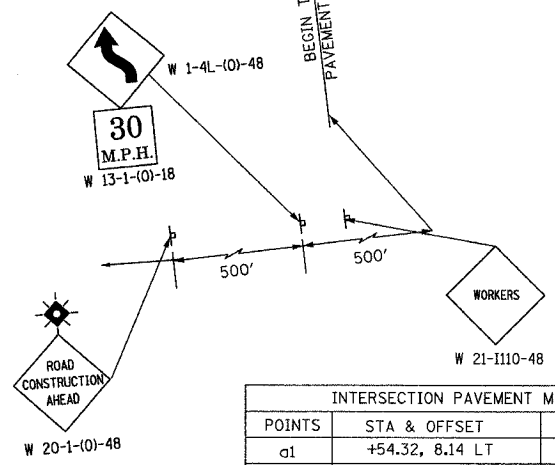
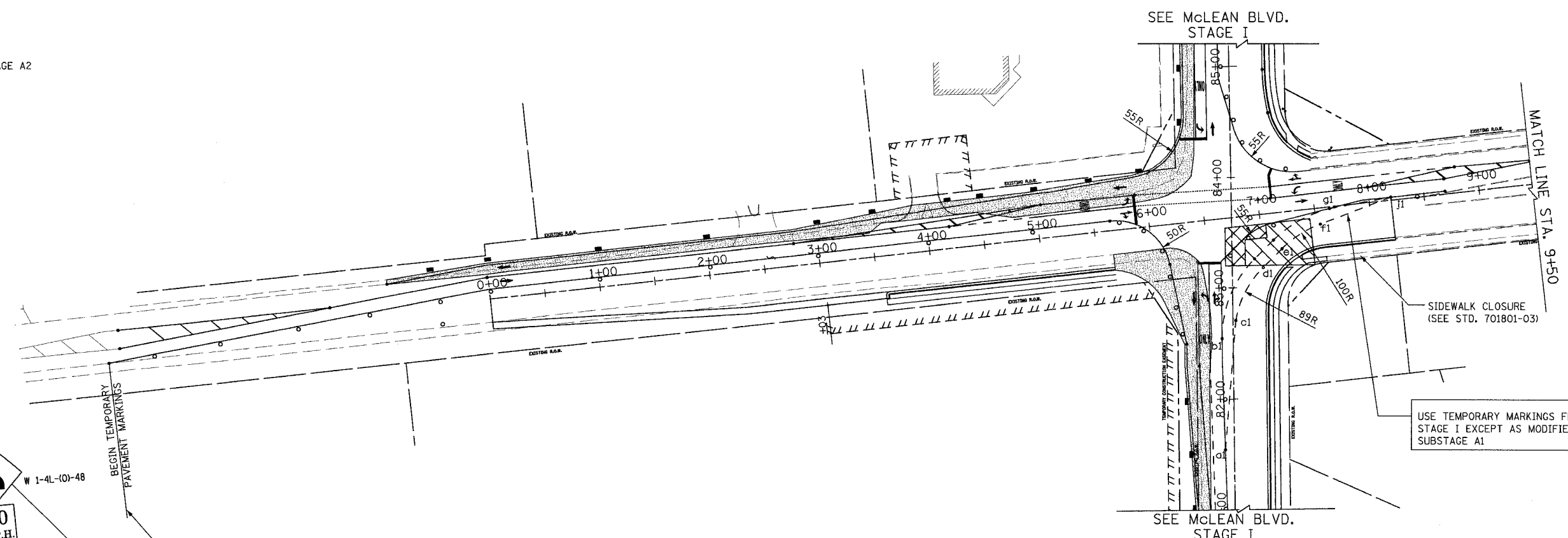
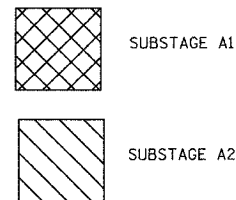
URS 100 SOUTH WACKER DRIVE SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

McLEAN BOULEVARD
SUGGESTED MAINTENANCE OF TRAFFIC BOWES ROAD STAGE I

SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

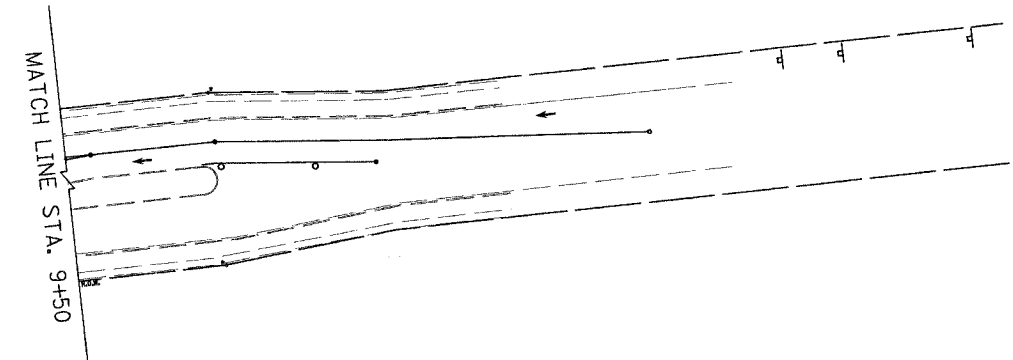
NOTE: REMOVE EXISTING CURB & GUTTER, DRIVEWAY ISLAND, OR PAVEMENT WHERE NECESSARY TO PROVIDE A SMOOTH RIDE FOR AREAS THAT REQUIRE TEMP. WIDENING.

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	34
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



INTERSECTION PAVEMENT MARKING CONTROL POINTS			
POINTS	STA & OFFSET	POINTS	STA & OFFSET
a1	+54.32, 8.14 LT		
b1	+54.34, 10.00 LT		
c1	+70.65, 2.51 RT		
d1	6+98.27, 48.18 RT		
e1	7+16.98, 33.24 RT		
f1	7+53.90, 14.68 RT		
g1	7+63.72, 1.48 RT		
h1	8+20.00, 2.75 LT		

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.



USE TEMPORARY MARKINGS FROM STAGE I EXCEPT AS MODIFIED FOR SUBSTAGE A1

FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

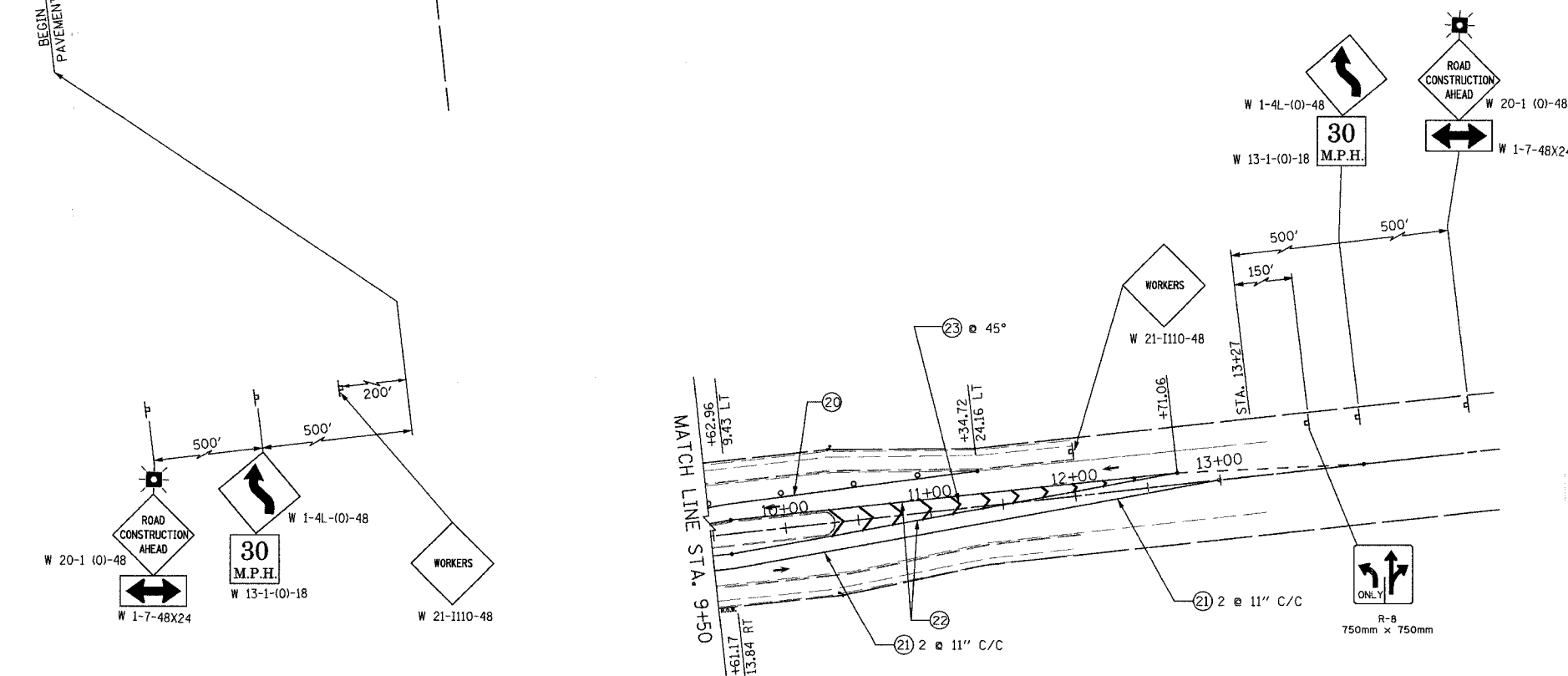
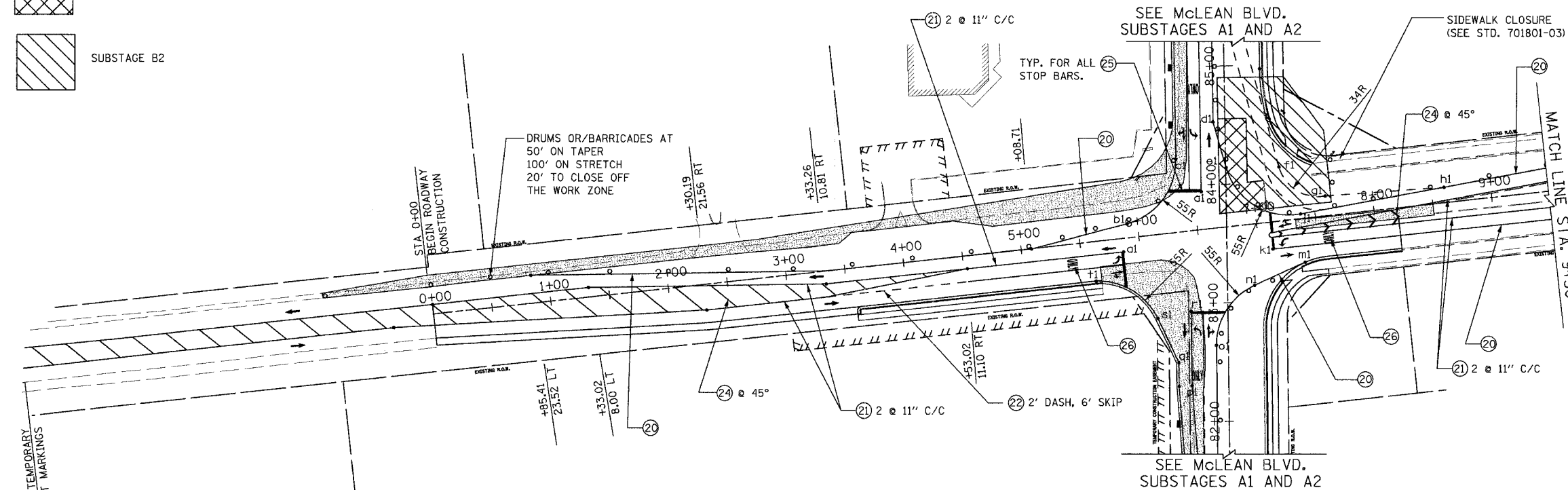
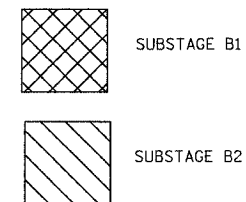
REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
SUITE 500 CHICAGO, IL 60606 FAX (312) 939-4198

McLEAN BOULEVARD
SUGGESTED
MAINTENANCE OF TRAFFIC
BOWES ROAD
SUBSTAGES A1 AND A2

SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



INTERSECTION PAVEMENT MARKING CONTROL POINTS			
POINTS	STA & OFFSET	POINTS	STA & OFFSET
a1	5+85.79, 11.42 RT	p1	+30.13, 31.00 LT
b1	5+91.45, 11.83 LT	q1	+49.88, 42.00 LT
c1	+21.54, 42.00 LT	r1	+93.13, 31.00 LT
d1	+52.55, 10.00 LT	s1	+87.46, 59.18 LT
e1	+13.75, 0.30 LT	t1	5+60.24, 33.47 RT
f1	7+24.22, 45.13 LT		
g1	7+60.29, 16.57 LT		
h1	8+60.83, 12.94 LT		
j1	7+37.97, 3.90 LT		
k1	7+11.54, 22.75 RT		
m1	7+37.37, 36.95 RT		
n1	6+92.76, 51.62 RT		
o1	+63.88, 10.00 LT		

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4198

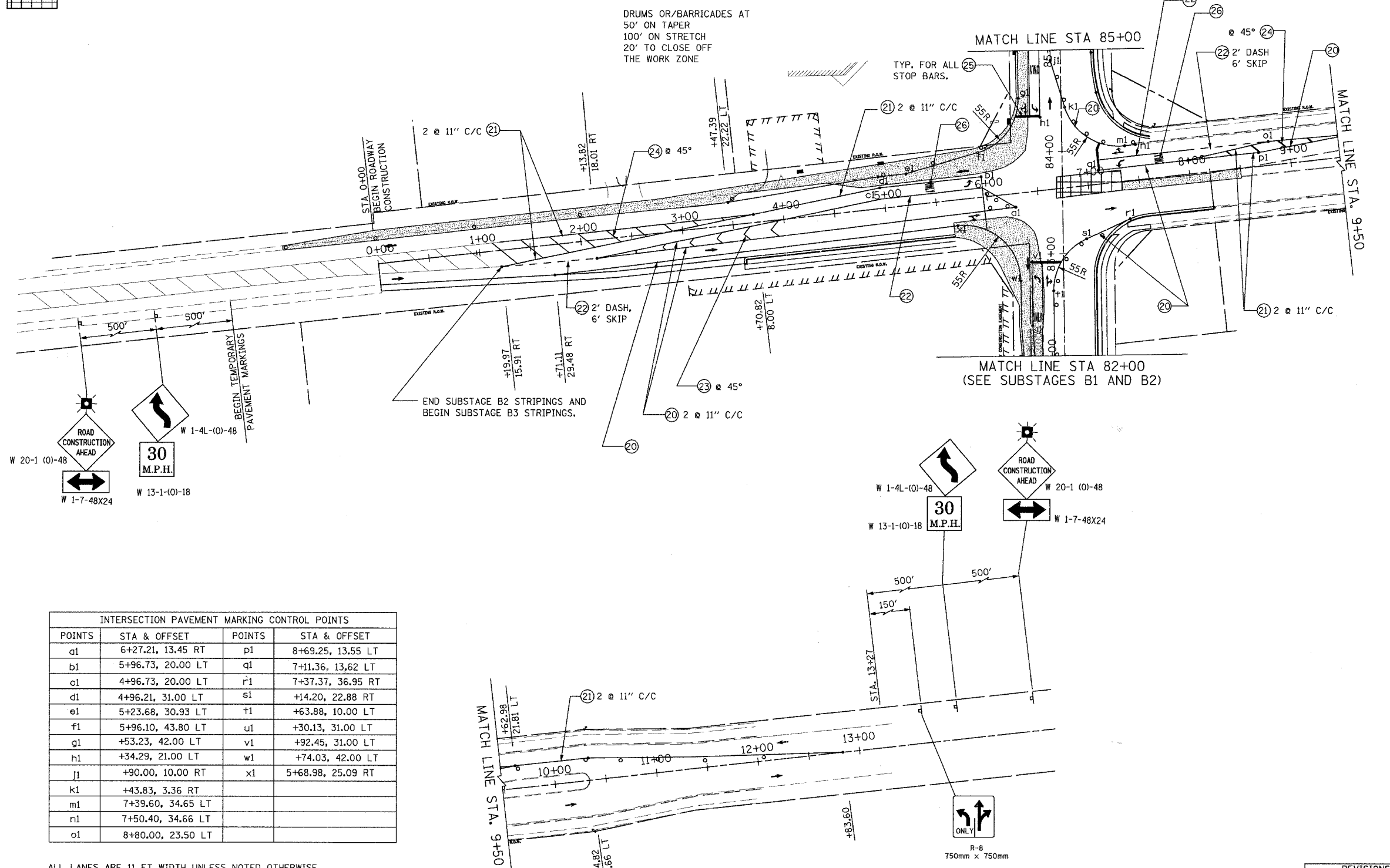
McLEAN BOULEVARD
SUGGESTED
MAINTENANCE OF TRAFFIC
BOWES ROAD
SUBSTAGES B1 AND B2

SCALE: DATE 04/06/2007
DRAWN BY
CHECKED BY

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	36
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



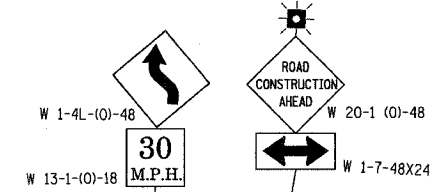
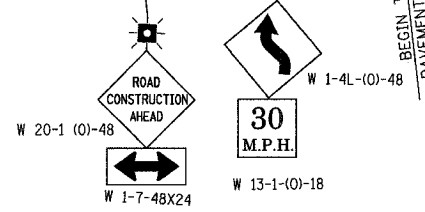
SUBSTAGE B3



DRUMS OR BARRICADES AT
50' ON TAPER
100' ON STRETCH
20' TO CLOSE OFF
THE WORK ZONE

TYP. FOR ALL
STOP BARS.

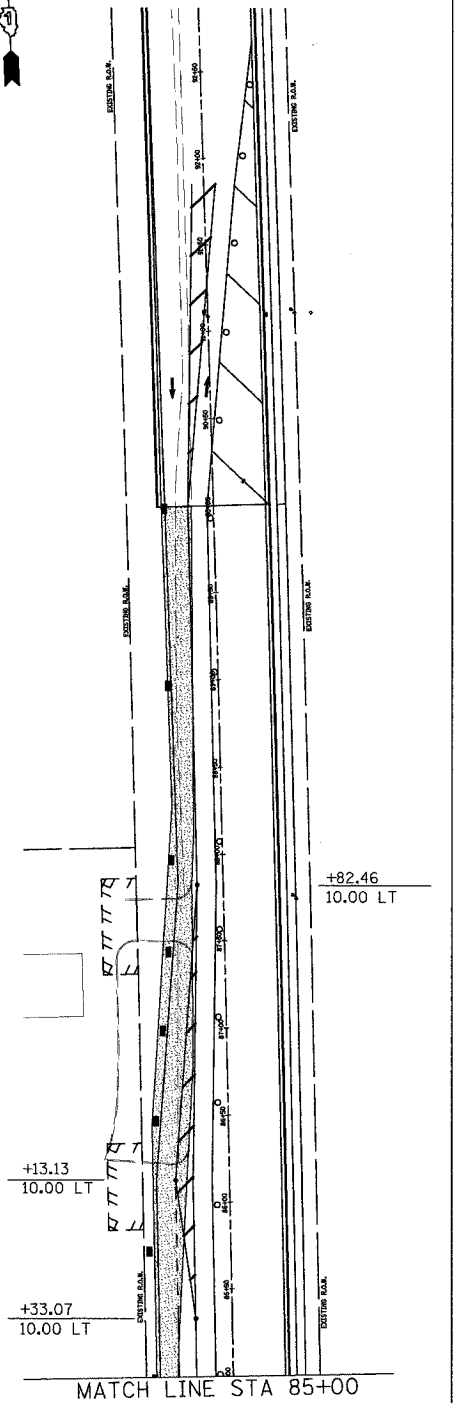
END SUBSTAGE B2 STRIPINGS AND
BEGIN SUBSTAGE B3 STRIPINGS.



INTERSECTION PAVEMENT MARKING CONTROL POINTS			
POINTS	STA & OFFSET	POINTS	STA & OFFSET
a1	6+27.21, 13.45 RT	p1	8+69.25, 13.55 LT
b1	5+96.73, 20.00 LT	q1	7+11.36, 13.62 LT
c1	4+96.73, 20.00 LT	r1	7+37.37, 36.95 RT
d1	4+96.21, 31.00 LT	s1	+14.20, 22.88 RT
e1	5+23.68, 30.93 LT	t1	+63.88, 10.00 LT
f1	5+96.10, 43.80 LT	u1	+30.13, 31.00 LT
g1	+53.23, 42.00 LT	v1	+92.45, 31.00 LT
h1	+34.29, 21.00 LT	w1	+74.03, 42.00 LT
j1	+90.00, 10.00 RT	x1	5+68.98, 25.09 RT
k1	+43.83, 3.36 RT		
m1	7+39.60, 34.65 LT		
n1	7+50.40, 34.66 LT		
o1	8+80.00, 23.50 LT		

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

FOR PAVEMENT MARKING DESCRIPTION
AND LEGEND SEE SHEET NO. 22.



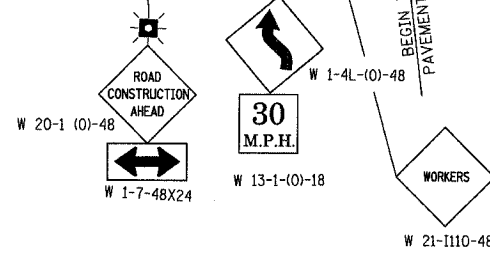
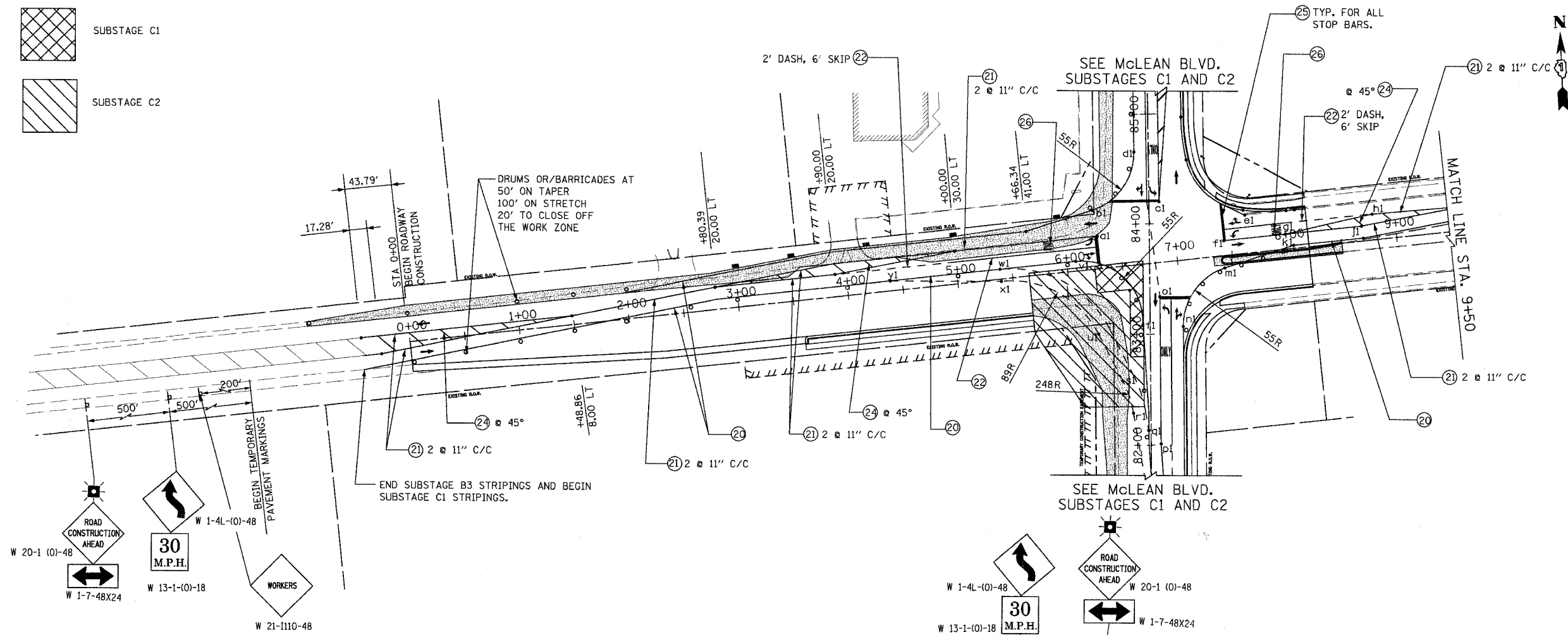
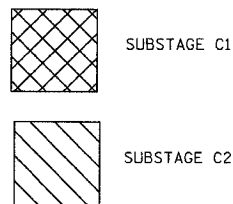
REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

McLEAN BOULEVARD
SUGGESTED
MAINTENANCE OF TRAFFIC
BOWES ROAD
SUBSTAGE B3

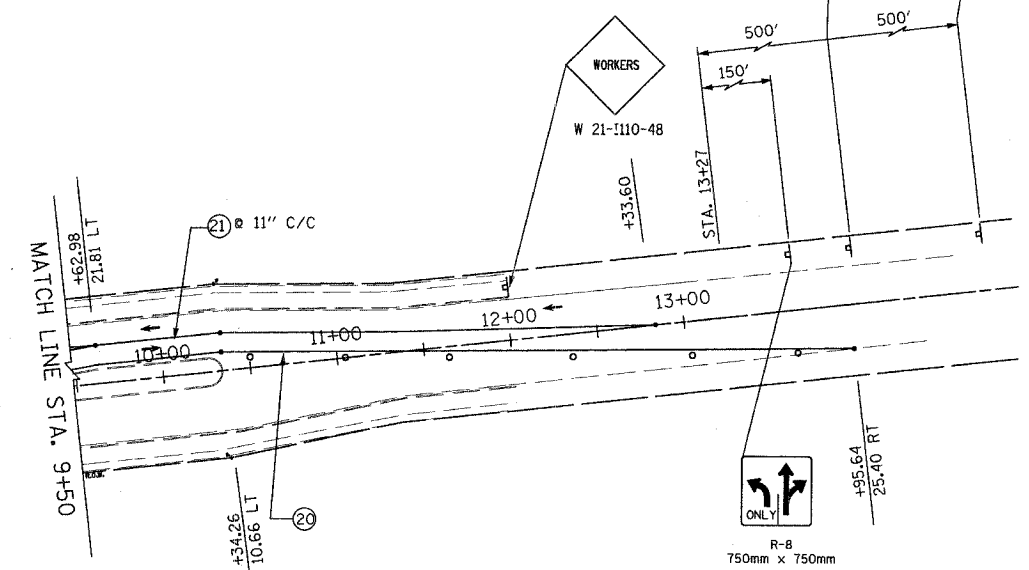
SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

CONTRACT NO. 83737			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
2509	96-00094-01-WR	KANE	187
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



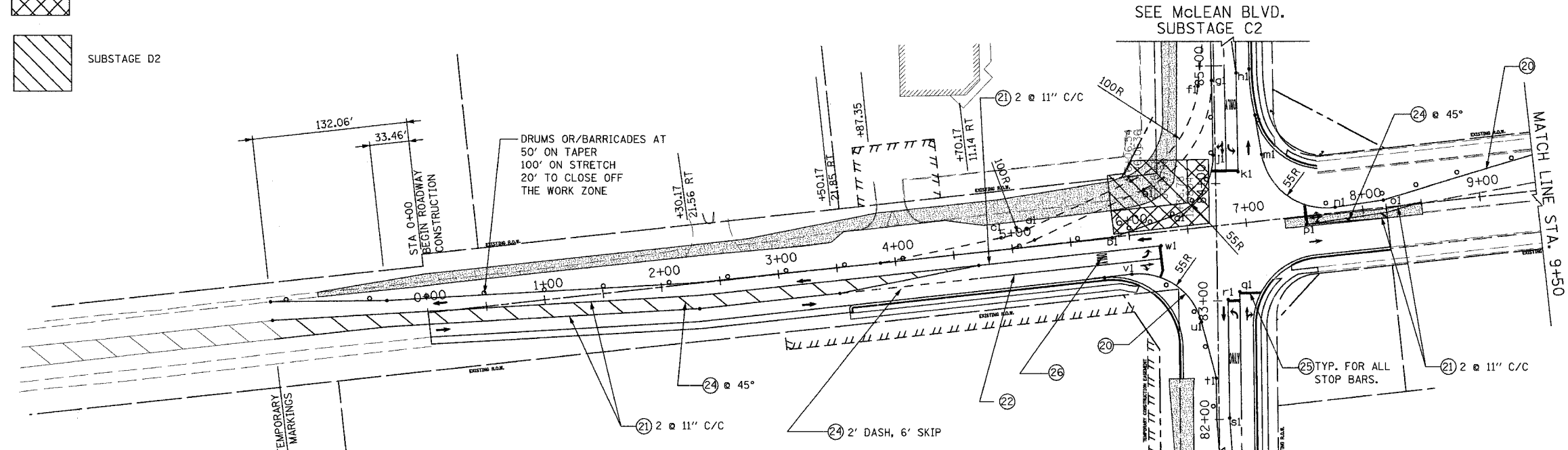
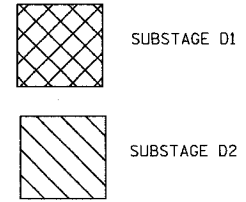
INTERSECTION PAVEMENT MARKING CONTROL POINTS			
POINTS	STA & OFFSET	POINTS	STA & OFFSET
a1	6+30.16, 30.00 LT	p1	+01.01, 8.99 RT
b1	6+08.42, 9.00 LT	q1	+13.49, 2.01 LT
c1	6+27.74, 53.78 LT	r1	+29.26, 15.79 LT
d1	+65.74, 12.96 LT	s1	+58.14, 25.28 LT
e1	7+65.00, 34.67 LT	t1	+08.16, 6.73 LT
f1	7+43.71, 13.65 LT	u1	+00.54, 46.77 LT
g1	8+00.00, 13.71 LT	v1	6+08.42, 9.00 LT
h1	8+80.00, 23.50 LT	w1	5+39.25, 9.00 LT
j1	8+69.29, 13.55 LT	x1	5+39.25, 2.00 RT
k1	8+06.27, 2.71 LT	y1	4+39.25, 9.00 LT
m1	7+42.09, 11.38 RT		
n1	+06.67, 30.01 RT		
o1	+33.54, 9.06 RT		

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.



FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

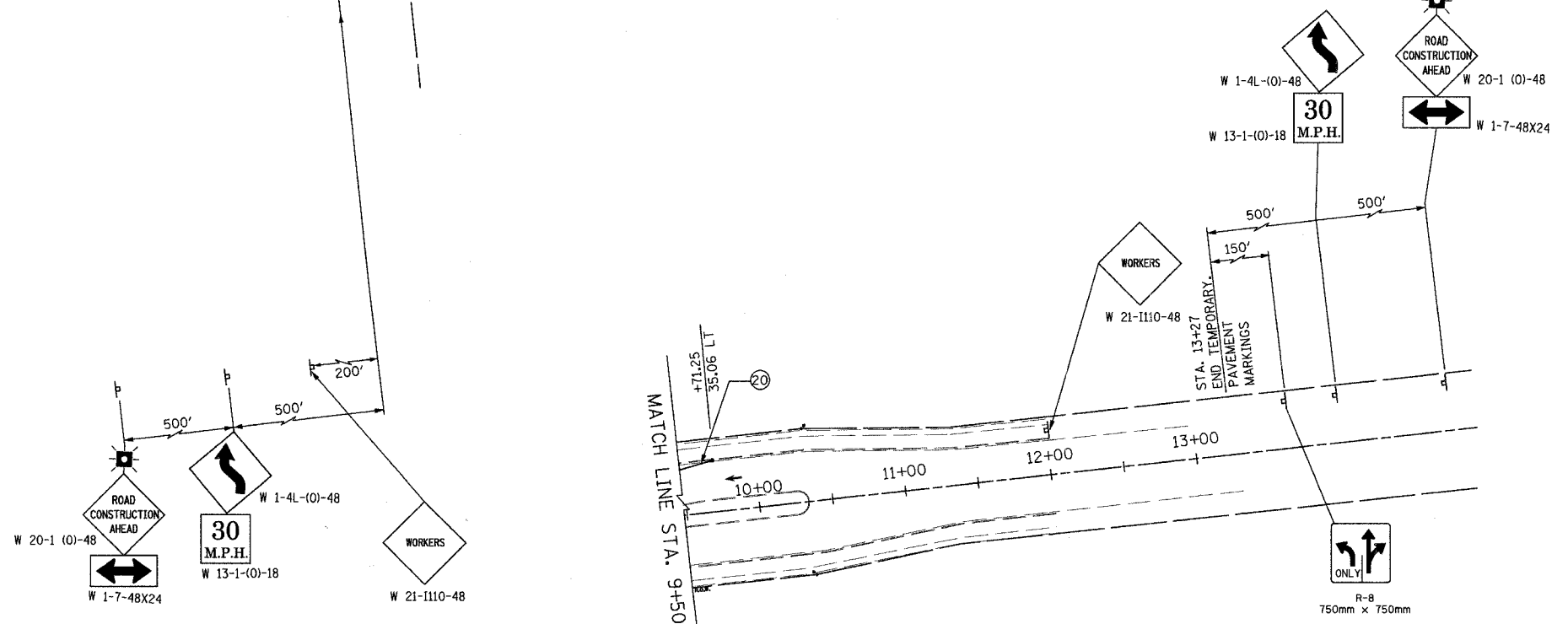
		100 SOUTH WACKER DRIVE SUITE 500 CHICAGO, IL 60606	TEL (312) 939-1000 FAX (312) 939-4198
McLEAN BOULEVARD SUGGESTED MAINTENANCE OF TRAFFIC BOWES ROAD SUBSTAGES C1 AND C2			
REVISIONS NAME DATE		SCALE: DATE 04/06/2007	
DRAWN BY		CHECKED BY	



POINTS	STA & OFFSET	POINTS	STA & OFFSET
a1	6+36.78, 12.08 LT	p1	7+50.75, 7.33 RT
b1	5+85.58, 0.42 LT	q1	+07.43, 19.02 RT
c1	4+91.70, 10.05 LT	r1	+00.99, 9.02 RT
d1	5+14.18, 14.86 LT	s1	+01.01, 8.99 RT
e1	6+16.68, 37.88 LT	t1	+35.00, 2.00 LT
f1	+83.17, 13.53 LT	u1	+82.37, 13.92 LT
g1	+87.76, 1.99 LT	v1	5+98.69, 33.00 RT
h1	+93.68, 19.00 RT	w1	6+26.08, 11.51 RT
j1	+24.48, 1.88 LT		
k1	+09.81, 19.16 RT		
m1	+24.34, 39.45 RT		
n1	7+76.73, 4.82 LT		
o1	8+18.15, 6.35 LT		

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22



URS 100 SOUTH WACKER DRIVE SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

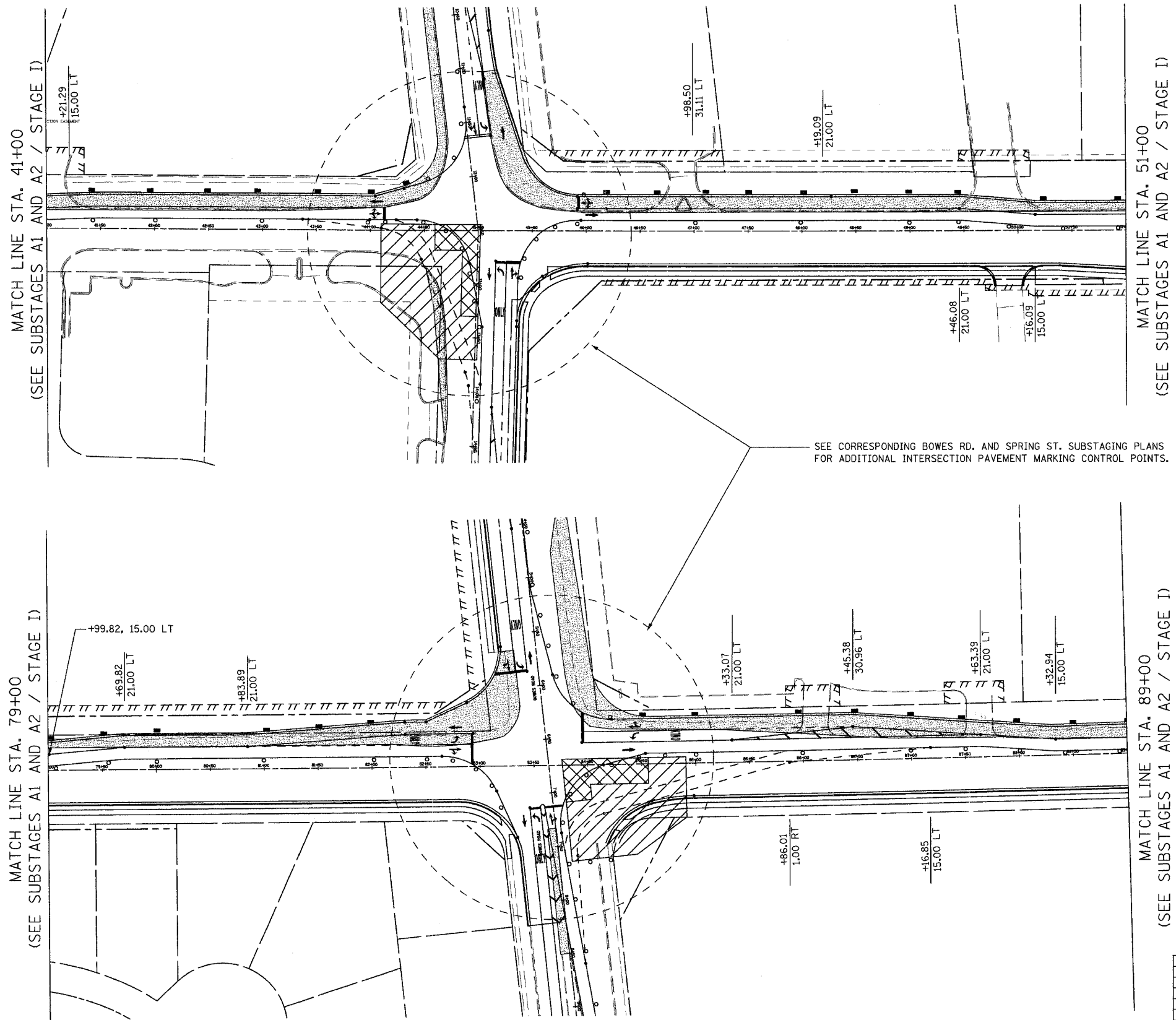
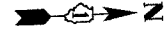
REVISIONS	
NAME	DATE

McLEAN BOULEVARD
SUGGESTED MAINTENANCE OF TRAFFIC BOWES ROAD SUBSTAGES D1 AND D2
SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 41+00
(SEE SUBSTAGES A1 AND A2 / STAGE I)

MATCH LINE STA. 51+00
(SEE SUBSTAGES A1 AND A2 / STAGE I)

MATCH LINE STA. 79+00
(SEE SUBSTAGES A1 AND A2 / STAGE I)

MATCH LINE STA. 89+00
(SEE SUBSTAGES A1 AND A2 / STAGE I)

SEE CORRESPONDING BOWES RD. AND SPRING ST. SUBSTAGING PLANS FOR ADDITIONAL INTERSECTION PAVEMENT MARKING CONTROL POINTS.

FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
SUITE 500 CHICAGO, IL 60606 FAX (312) 939-4198

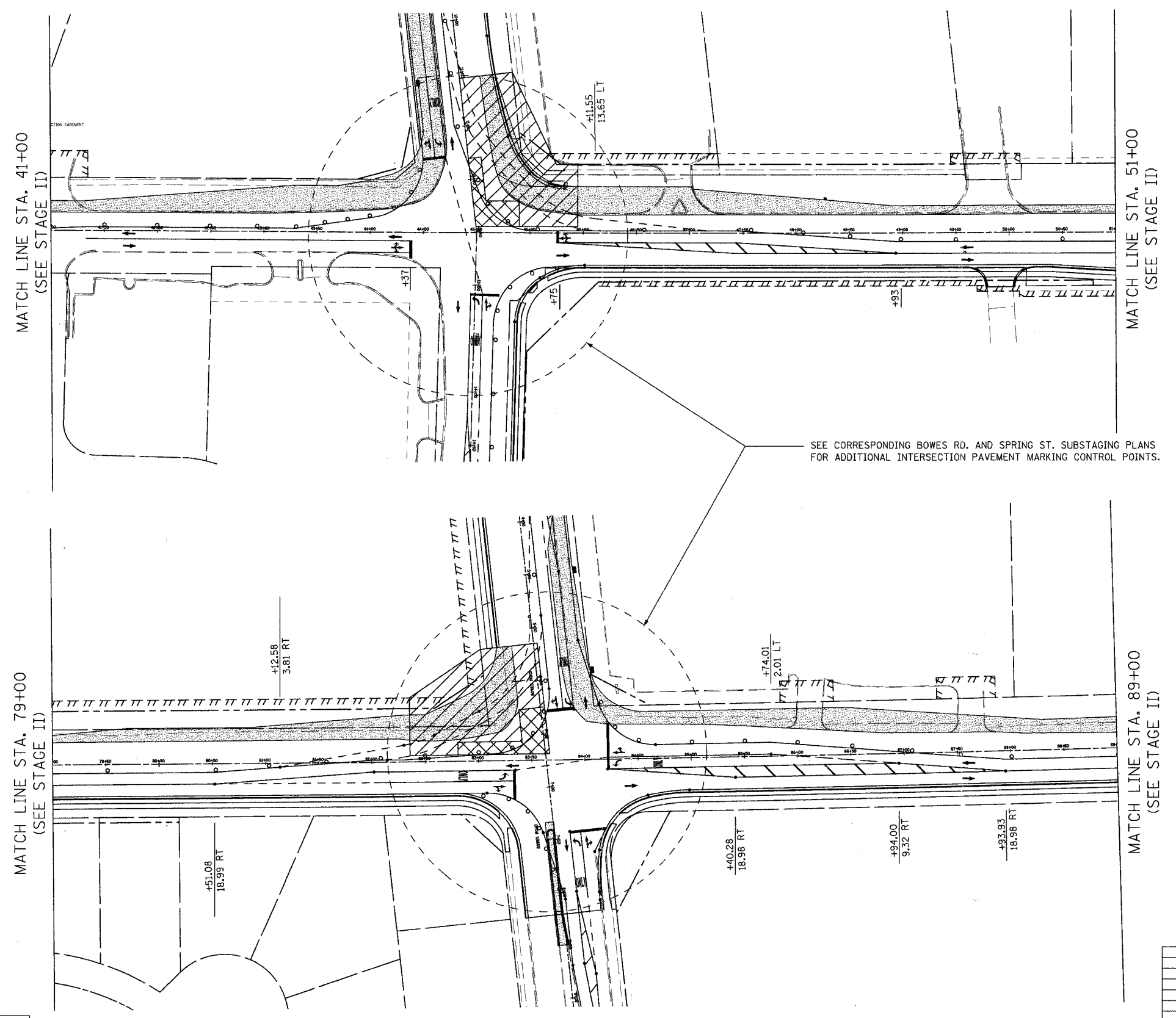
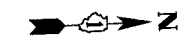
MCLEAN BOULEVARD
SUGGESTED
MAINTENANCE OF TRAFFIC
MCLEAN BLVD
SUBSTAGES B1 AND B2

SCALE: DATE 04/06/2007 DRAWN BY MIA CHECKED BY NAP

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

CONTRACT NO. 83737

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	40
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEE CORRESPONDING BOWES RD. AND SPRING ST. SUBSTAGING PLANS FOR ADDITIONAL INTERSECTION PAVEMENT MARKING CONTROL POINTS.

FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

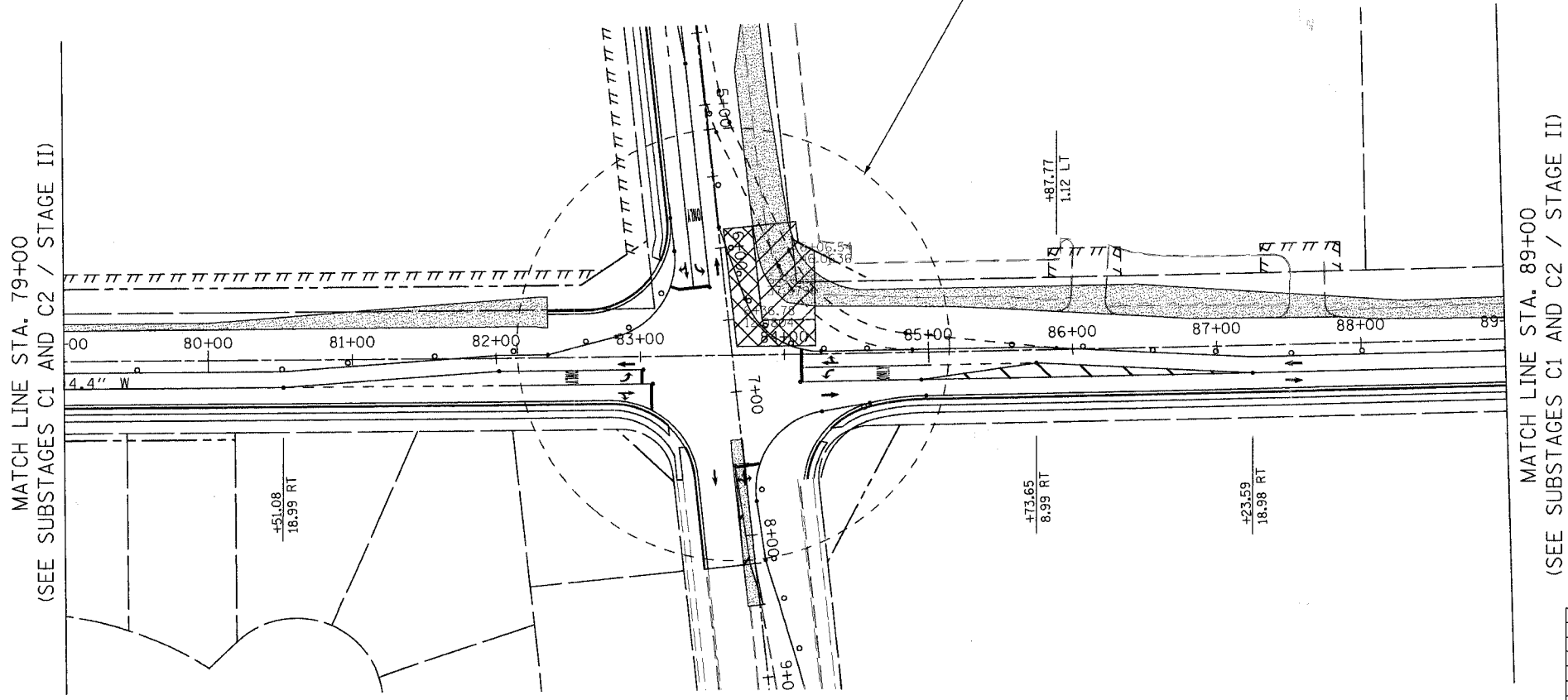
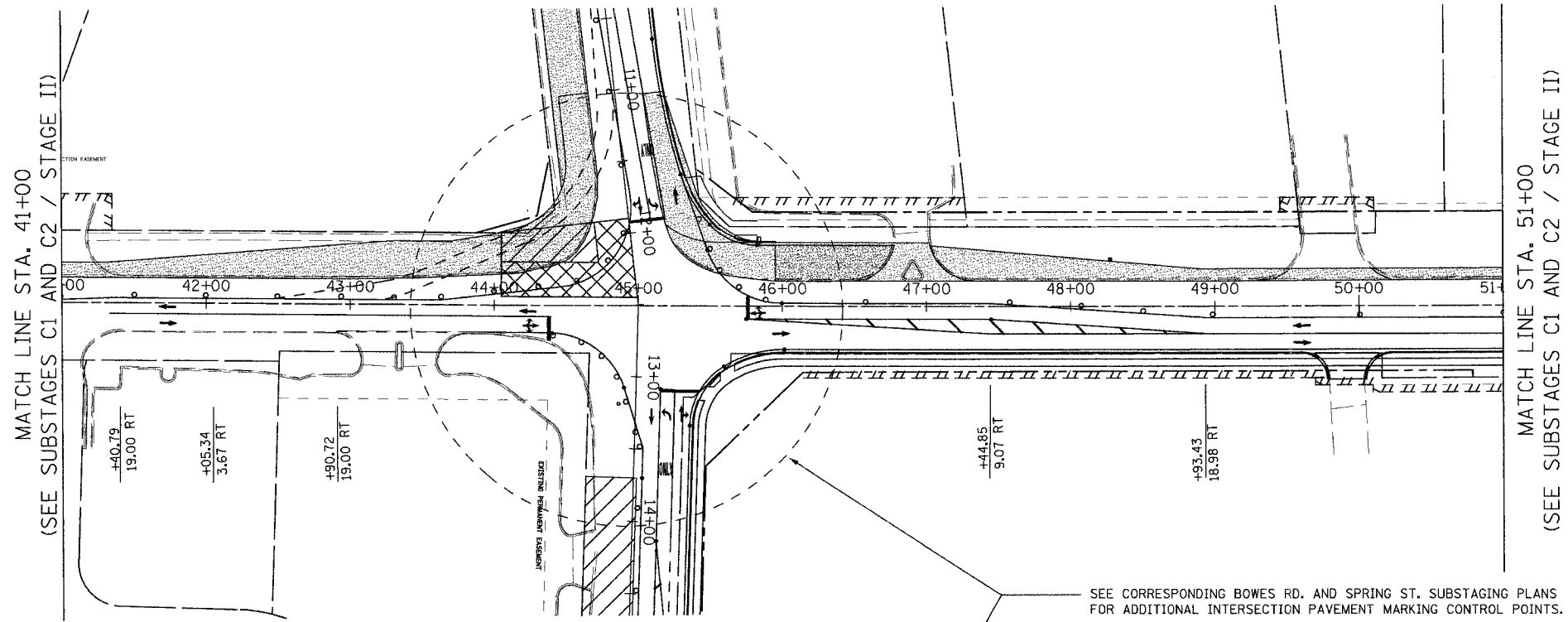
MCLEAN BOULEVARD
SUGGESTED
MAINTENANCE OF TRAFFIC
MCLEAN BLVD
SUBSTAGES C1 AND C2

SCALE: DATE 04/06/2007 DRAWN BY MIA CHECKED BY NAP

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	41
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEE CORRESPONDING BOWES RD. AND SPRING ST. SUBSTAGING PLANS FOR ADDITIONAL INTERSECTION PAVEMENT MARKING CONTROL POINTS.

FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

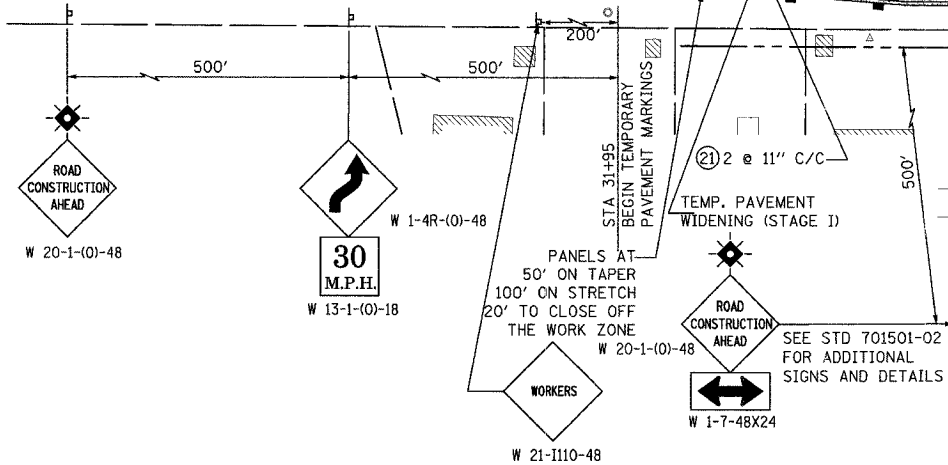
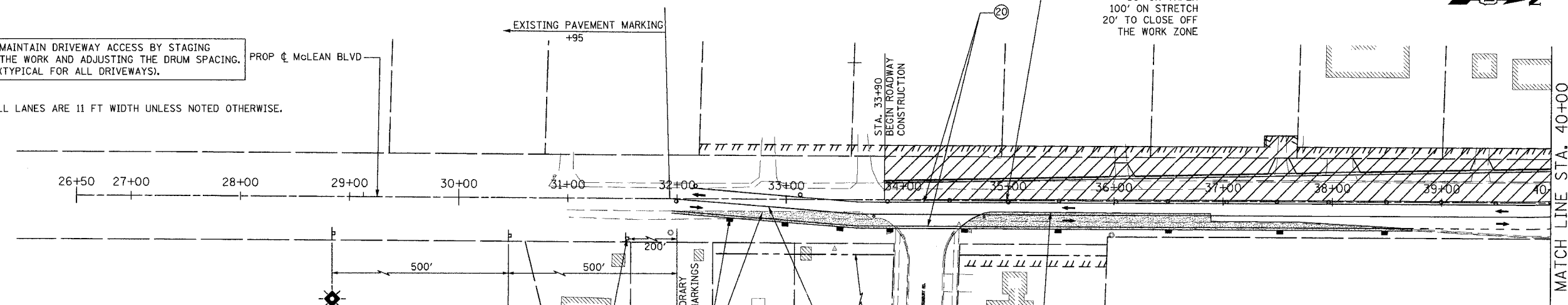
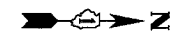
MCLEAN BOULEVARD
SUGGESTED
MAINTENANCE OF TRAFFIC
MCLEAN BLVD
SUBSTAGES D1 AND D2

SCALE: DATE 04/06/2007 DRAWN BY MIA CHECKED BY NAP

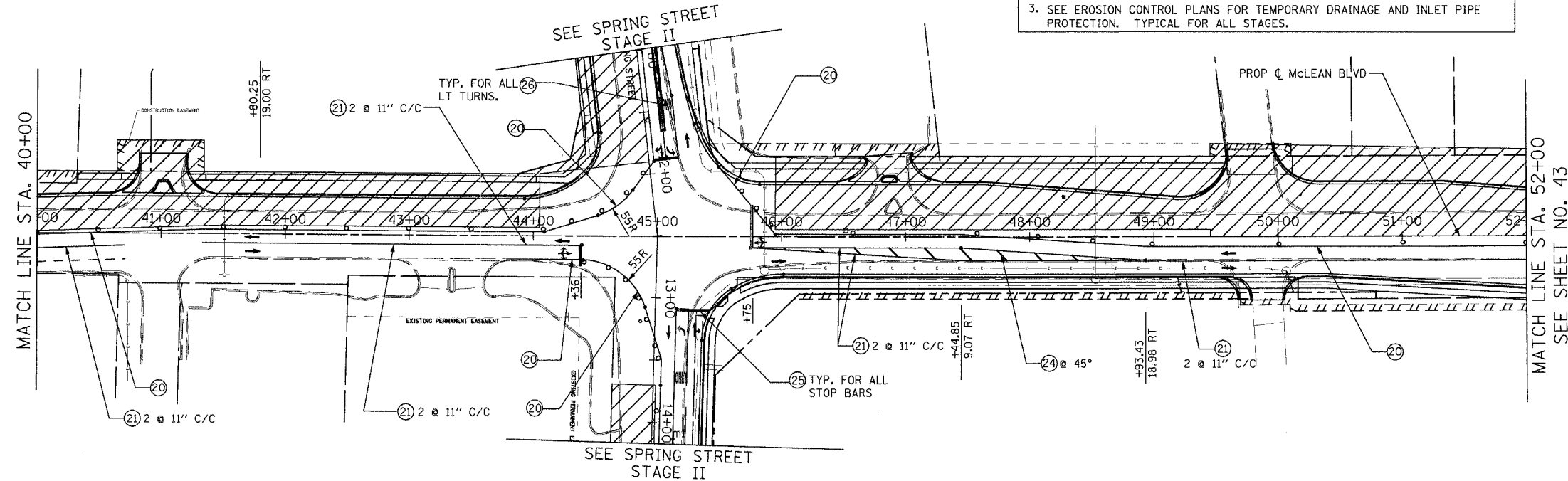
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WF	KANE	187	42
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

MAINTAIN DRIVEWAY ACCESS BY STAGING THE WORK AND ADJUSTING THE DRUM SPACING. (TYPICAL FOR ALL DRIVEWAYS).

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.



- NOTES:
1. REMOVE EXISTING CURB & GUTTER, DRIVEWAY ISLAND, OR PAVEMENT WHERE NECESSARY TO PROVIDE A SMOOTH RIDE FOR AREAS THAT REQUIRE TEMP. WIDENING.
 2. EXISTING DRAINAGE STRUCTURES WITHIN THE TEMPORARY PAVING LIMITS SHALL BE COVERED WITH A METAL PLATE PRIOR TO THE TEMPORARY PAVEMENT WIDENING AND THEN BURRIED IF NECESSARY. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE TEMPORARY PAVEMENT WIDENING.
 3. SEE EROSION CONTROL PLANS FOR TEMPORARY DRAINAGE AND INLET PIPE PROTECTION. TYPICAL FOR ALL STAGES.



FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4198

McLEAN BOULEVARD

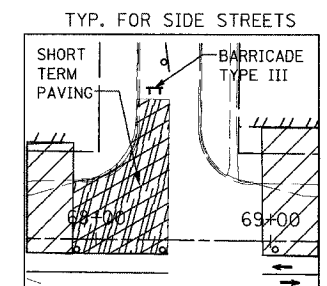
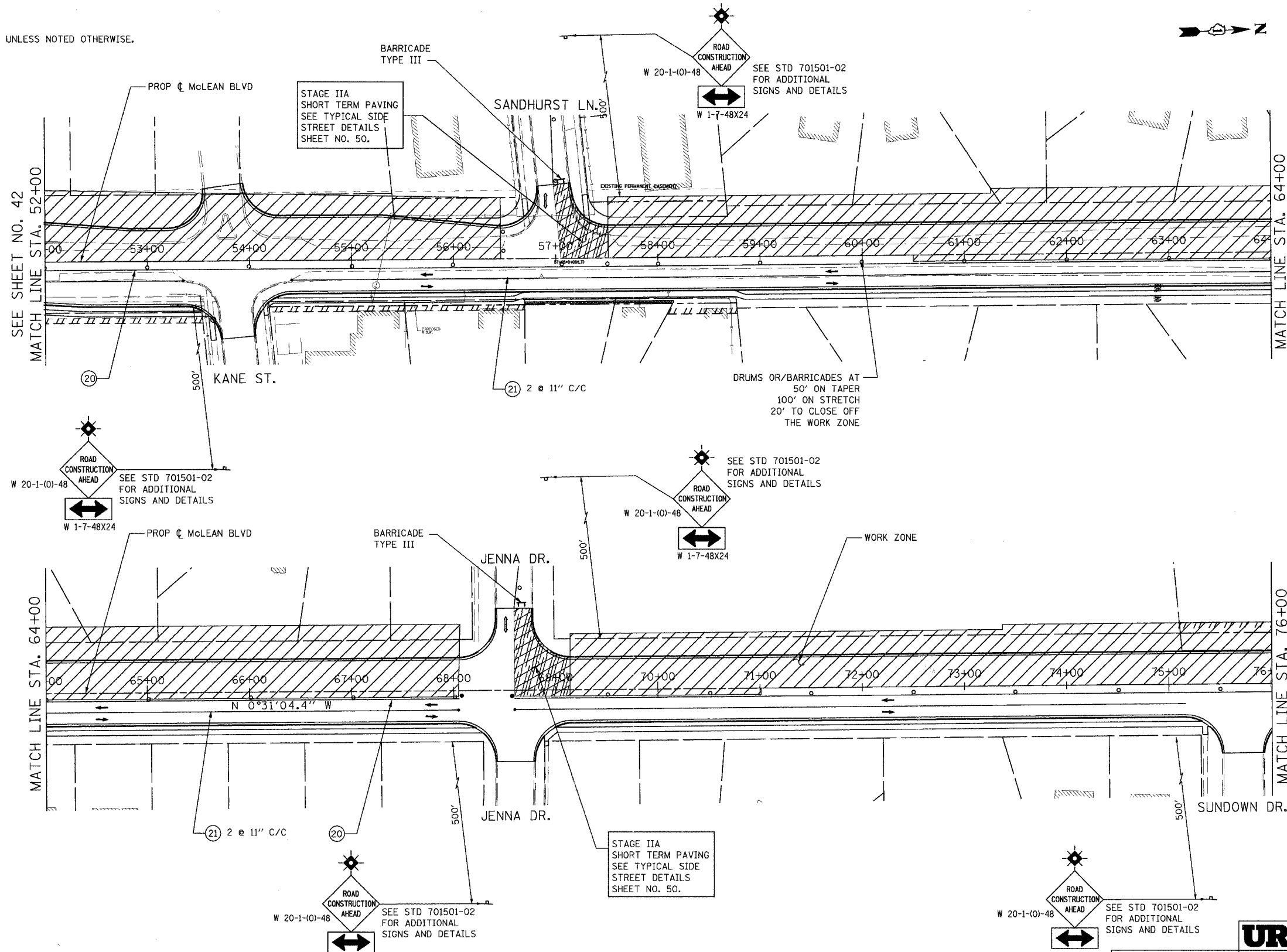
SUGGESTED
MAINTENANCE OF TRAFFIC
STAGE II

SCALE: DRAWN BY MIA
DATE 04/06/2007 CHECKED BY NAP

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
 SUITE 500 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4198

McLEAN BOULEVARD

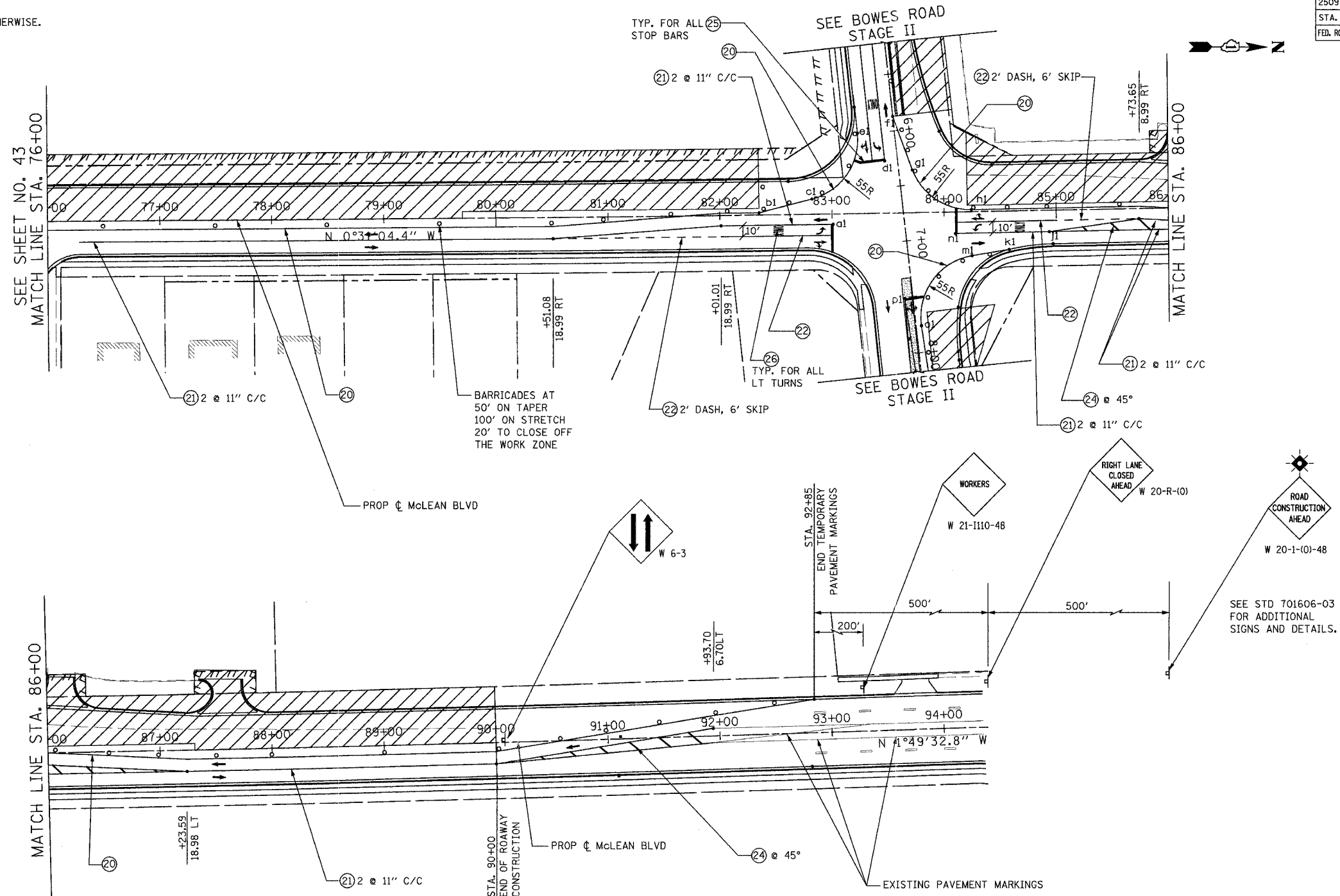
SUGGESTED MAINTENANCE OF TRAFFIC STAGE II

SCALE: DATE 04/06/2007

DRAWN BY MIA
 CHECKED BY NAP

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	44
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



INTERSECTION PAVEMENT MARKING CONTROL POINTS			
POINTS	STA & OFFSET	POINTS	STA & OFFSET
a1	+00.99, 9.02 LT	p1	7+50.75, 7.33 RT
b1	+35.00, 2.00 LT		
c1	+82.37, 13.92 LT		
d1	6+26.08, 11.51 RT		
e1	5+98.69, 33.00 RT		
f1	5+87.28		
g1	6+36.78, 12.08 LT		
h1	+24.48, 1.88 LT		
j1	+93.68, 19.00 RT		
k1	+57.70, 34.34 RT		
m1	+24.34, 39.45 RT		
n1	+09.81, 19.16 RT		
o1	7+76.73, 4.82 LT		

FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

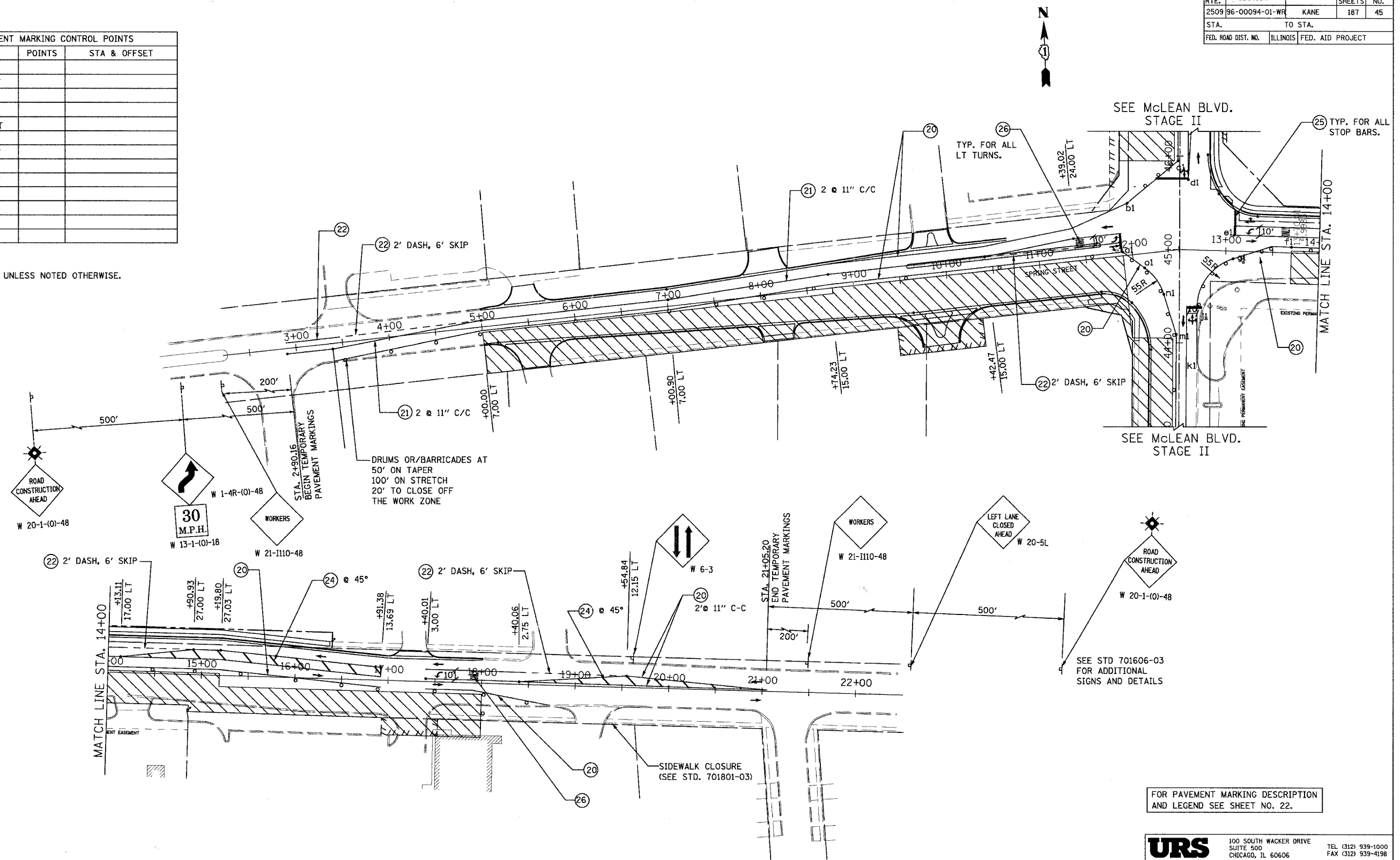
McLEAN BOULEVARD

SUGGESTED MAINTENANCE OF TRAFFIC STAGE II

SCALE: DATE 04/06/2007 DRAWN BY MIA CHECKED BY NAP

POINTS	STA & OFFSET	POINTS	STA & OFFSET
a1	11+90.00, 4.00 LT		
b1	+49.48, 56.21 LT		
c1	+95.00, 2.00 LT		
d1	+75.02, 9.02 RT		
e1	13+08.33, 17.00 LT		
f1	13+70.01, 6.00 LT		
g1	13+19.18, 11.72 RT		
h1			
j1	+34.30, 30.03 RT		
k1	+70.72, 9.00 RT		
m1	+04.98, 2.00 LT		
n1	+51.87, 16.64 LT		
o1	12+11.47, 15.39 RT		

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.



FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

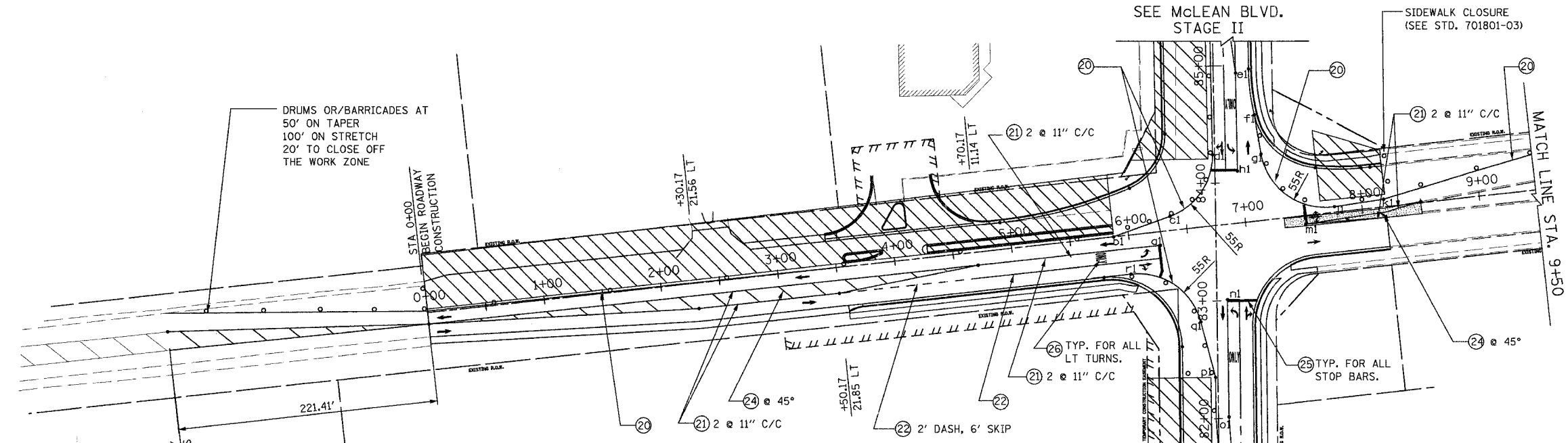
URS 100 SOUTH WACKER DRIVE
SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD
SUGGESTED MAINTENANCE OF TRAFFIC
SPRING ST. STAGE II

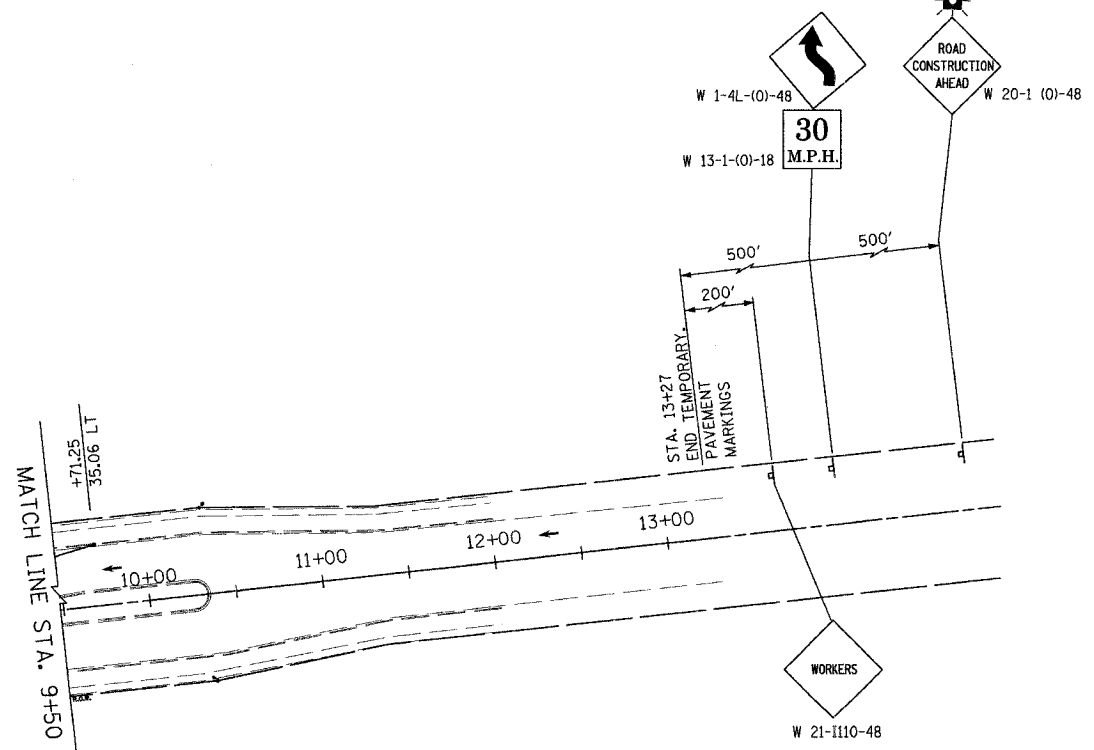
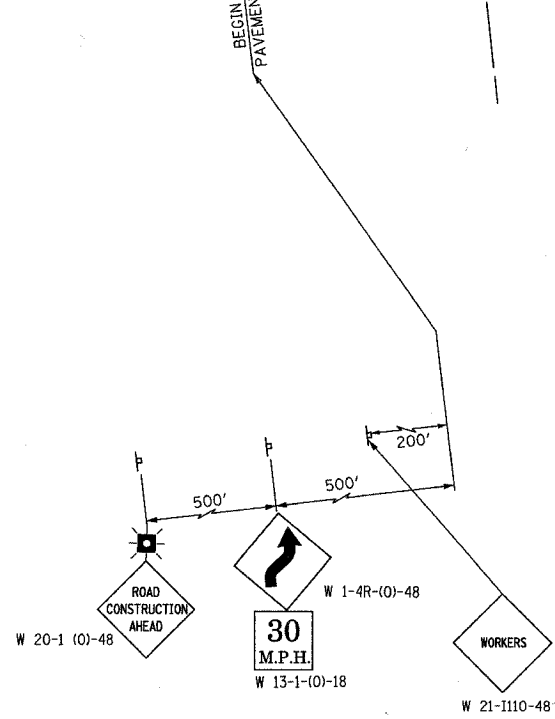
SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

CONTRACT NO. 83737				
F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	46
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



POINTS	STA & OFFSET	POINTS	STA & OFFSET
a1	6+26.08, 11.51 RT	p1	+35.00, 2.00 LT
b1	5+87.28	q1	+82.37, 13.92 LT
c1	6+36.78, 12.08 LT	r1	5+98.69, 33.00 RT
d1	+24.48, 1.88 LT		
e1	+93.68, 19.00 RT		
f1	+57.70, 34.34 RT		
g1	+24.34, 39.45 RT		
h1	+09.81, 19.16 RT		
j1	7+76.73, 4.82 LT		
k1	+18.86, 6.48 LT		
m1	7+50.75, 7.33 RT		
n1	+00.99, 9.02 RT		
o1	+01.01, 8.99 RT		

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.



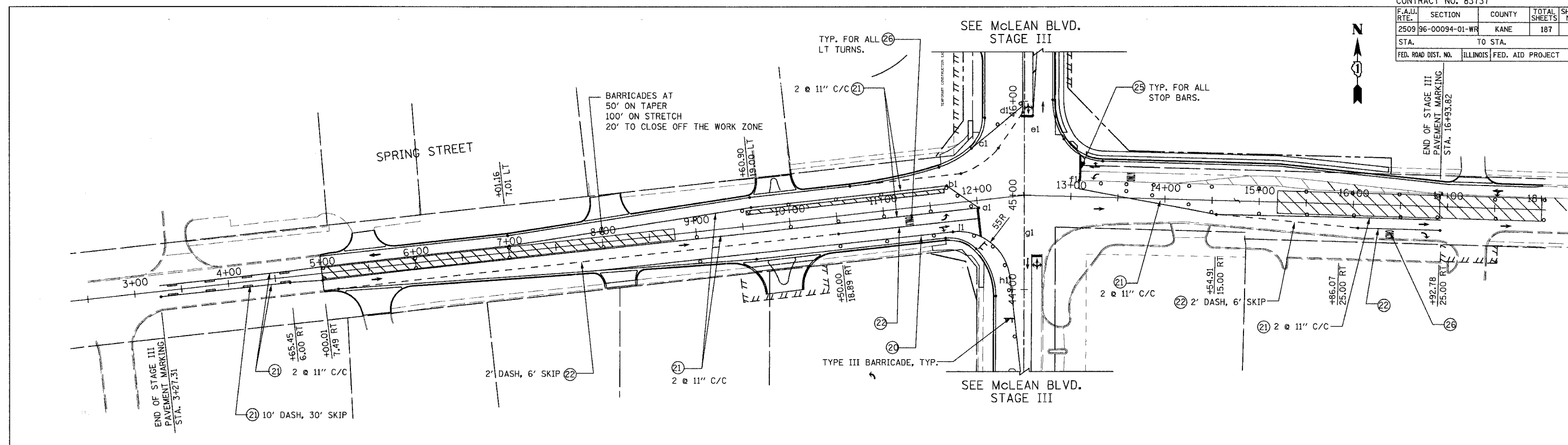
FOR PAVEMENT MARKING DESCRIPTION AND LEGEND SEE SHEET NO. 22.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500 CHICAGO, IL 60606
TEL (312) 939-1000 FAX (312) 939-4198

McLEAN BOULEVARD
SUGGESTED MAINTENANCE OF TRAFFIC BOWES ROAD STAGE II
SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

CONTRACT NO. 83737				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- LEGEND**
- ① PROPOSED HOT-MIX ASPHALT PAVEMENT
 - ② PROPOSED COMBINATION CONCRETE CURB AND GUTTER
 - ③ TEMPORARY PAVEMENT WIDENING - (HOT-MIX ASPHALT CONCRETE BASE COURSE WIDENING 10')
 - ④ BARRICADE OR DRUM WITH STEADY BURNING LIGHTS
 - ⑤ TEMPORARY PAVEMENT MARKING 4" (WHITE)
 - ⑥ TEMPORARY PAVEMENT MARKING 4" (YELLOW)
 - ⑦ TEMPORARY PAVEMENT MARKING 6" (WHITE)
 - ⑧ TEMPORARY SEEDING CLASS 7
 - ⑨ NOT USED
 - ⑩ TEMPORARY CONCRETE BARRIER
 - ▨ CONSTRUCTION LIMIT
 - ▧ TEMPORARY PAVEMENT WIDENING

INTERSECTION PAVEMENT MARKING CONTROL POINTS			
POINTS	STA & OFFSET	POINTS	STA & OFFSET
a1	12+01.00, 8.23 RT		
b1	11+70.00, 9.00 LT		
c1	+57.03, 49.77 LT		
d1	+95.00, 24.00 LT		
e1	+75.02, 9.02 RT		
f1	13+08.33, 17.00 LT		
g1	+64.84, 9.07 RT		
h1	+12.51, 14.93 LT		
j1	11+70.96, 30.16 RT		

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

REVISIONS	NAME	DATE

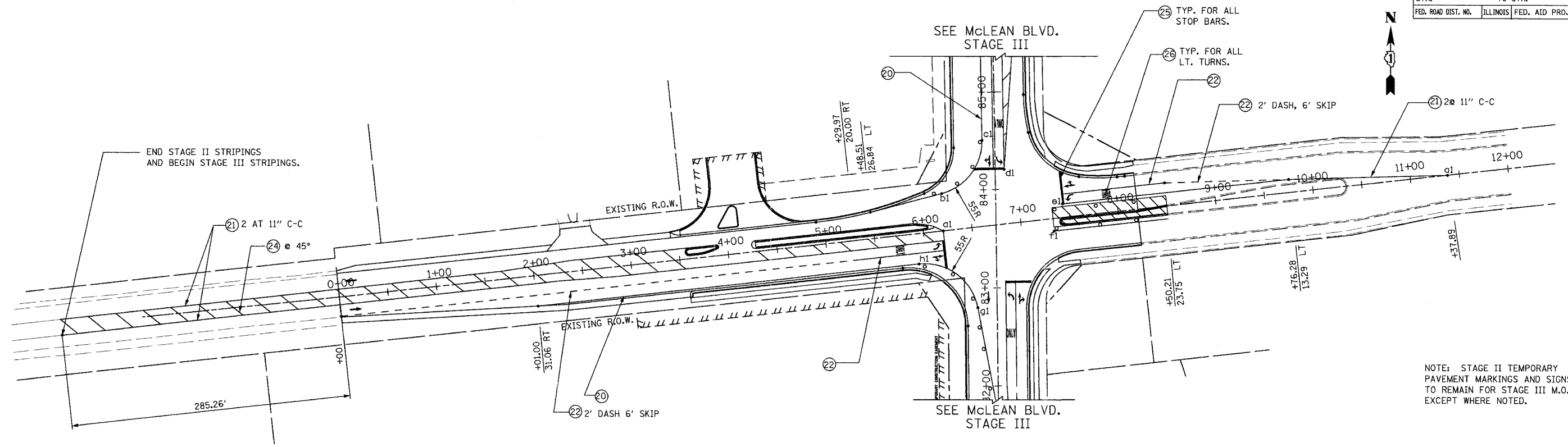
URS 100 SOUTH WACKER DRIVE
SUITE 500
CHICAGO, IL 60606 TEL (312) 939-1000
FAX (312) 939-4198

McLEAN BOULEVARD

SUGGESTED
MAINTENANCE OF TRAFFIC
SPRING ST.
STAGE III

SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	49
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



NOTE: STAGE II TEMPORARY PAVEMENT MARKINGS AND SIGNS TO REMAIN FOR STAGE III M.O.T. EXCEPT WHERE NOTED.

POINTS	STA & OFFSET	POINTS	STA & OFFSET
a1	6+20.50		
b1	6+23.12, 37.79 LT		
c1	+50.26, 12.93 LT		
d1	+20.33, 9.13 RT		
e1	7+44.29, 13.65 LT		
f1	7+32.98, 12.68 RT		
g1	+79.97, 19.73 LT		
h1	5+92.24, 30.99 RT		

ALL LANES ARE 11 FT WIDTH UNLESS NOTED OTHERWISE.

- LEGEND**
- ① PROPOSED HOT-MIX ASPHALT PAVEMENT
 - ② PROPOSED COMBINATION CONCRETE CURB AND GUTTER
 - ③ TEMPORARY PAVEMENT WIDENING - (HOT-MIX ASPHALT CONCRETE BASE COURSE WIDENING 10")
 - ④ BARRICADE OR DRUM WITH STEADY BURNING LIGHTS
 - ⑤ TEMPORARY PAVEMENT MARKING 4" (WHITE)
 - ⑥ TEMPORARY PAVEMENT MARKING 4" (YELLOW)
 - ⑦ TEMPORARY PAVEMENT MARKING 6" (WHITE)
 - ⑧ TEMPORARY SEEDING CLASS 7
 - ⑨ NOT USED
 - ⑩ TEMPORARY CONCRETE BARRIER
 - ▨ CONSTRUCTION LIMIT
 - ▩ TEMPORARY PAVEMENT WIDENING

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

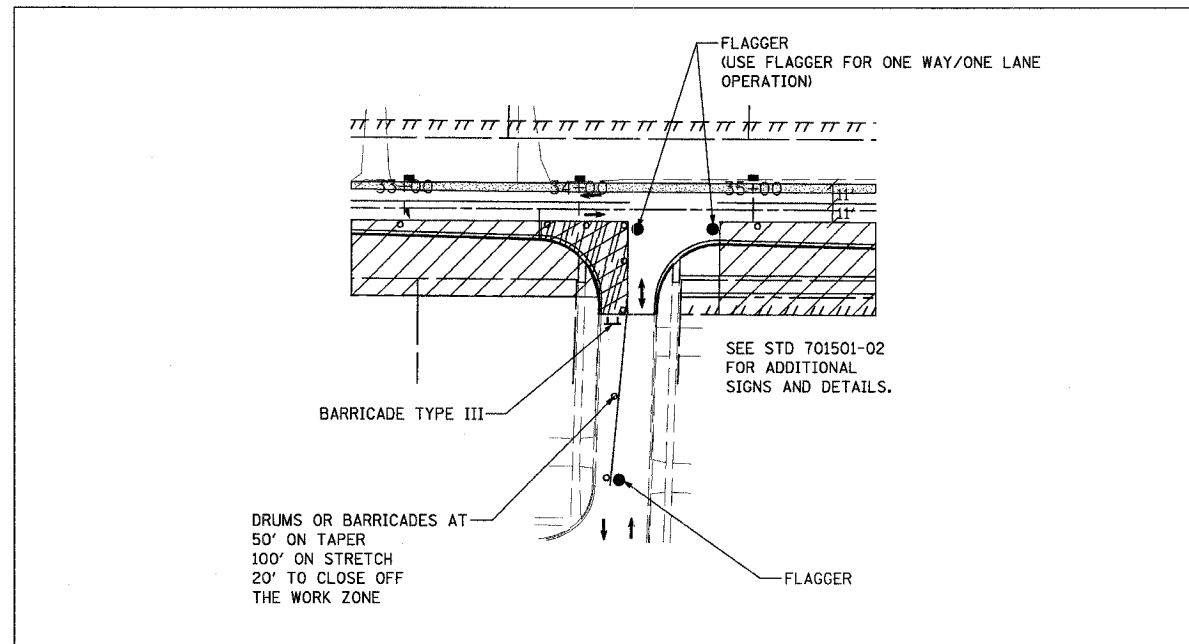
REVISIONS	
NAME	DATE

McLEAN BOULEVARD

SUGGESTED
MAINTENANCE OF TRAFFIC
BOWES ROAD
STAGE III

SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

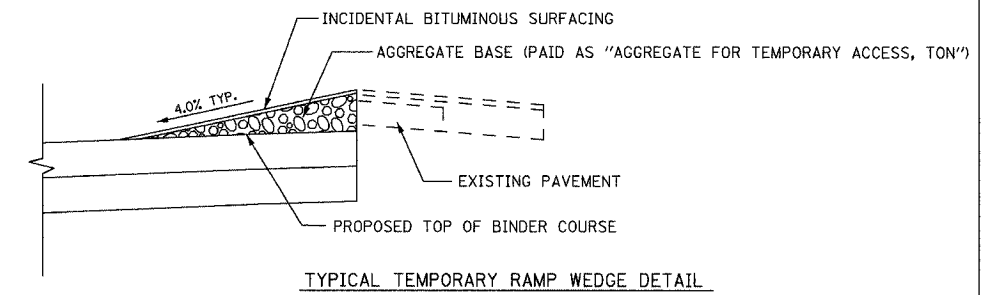
CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	50
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



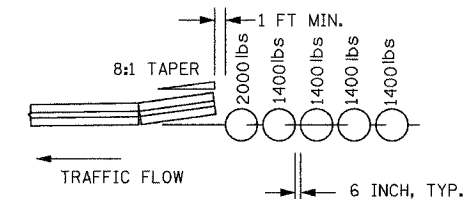
TYPICAL DETAIL FOR SIDE STREET
SHORT TERM PAVING
STAGES I & II

NOTES:

- "SHORT TERM" IS DEFINED AS THE CONSTRUCTION PERIOD NO GREATER THAN TWELVE HOUR PERIOD.
- IF CONTRACTOR DEEMS THE WORK WILL NOT BE COMPLETED WITHIN THE "SHORT TERM" PERIOD, HE/SHE SHALL PROVIDE TWO WAY TRAFFIC PRIOR TO LEAVING THE SITE. TEMPORARY BACKFILL AND/OR RAMP ALONG WITH SAFE TRAFFIC CONTROL MEASURES SHALL BE UTILIZED FOR THIS PURPOSE.
- FLAGGERS ARE REQUIRED ONLY DURING THE "SHORT TERM" PERIOD AND DURING THE ONE WAY/ONE LANE OPERATION.
- CONES MAY SUBSTITUTE THE DRUMS/BARRICADES DURING THE DAY TIME. NO EXCEPTION FOR THE NIGHT TIME OPERATION.



- NOTES:
- PROVIDE THE TEMPORARY RAMP WEDGE TO TRANSITION FROM THE NEW PAVEMENT TO EXISTING PAVEMENT EITHER LONGITUDINALLY OR TRANSVERSELY.
 - TEMPORARY HOT-MIX ASPHALT RAMPS FOR BUTT JOINTS ARE AN EXCEPTION AND WILL BE PAID FOR SEPARATELY AS "TEMPORARY RAMP" IN ACCORDANCE WITH THE SECTION 406 OF THE STANDARD SPECIFICATIONS.
 - REMOVAL OF TEMPORARY RAMP WEDGES AND TEMPORARY HMA RAMPS WILL NOT BE PAID FOR SEPARATELY. THE COST OF REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE OF THE PAVEMENT REMOVAL.



TYPICAL LAYOUT FOR SAND MODULE IMPACT ATTENUATOR

NOTE: THIS CONFIGURATION IS TO BE USED ONLY WHEN THE ENGINEER DETERMINES THAT THE STANDARD CONFIGURATION OR OTHER APPROVED ALTERNATIVES CAN NOT BE USED. DO NOT USE TERMINAL SECTION.

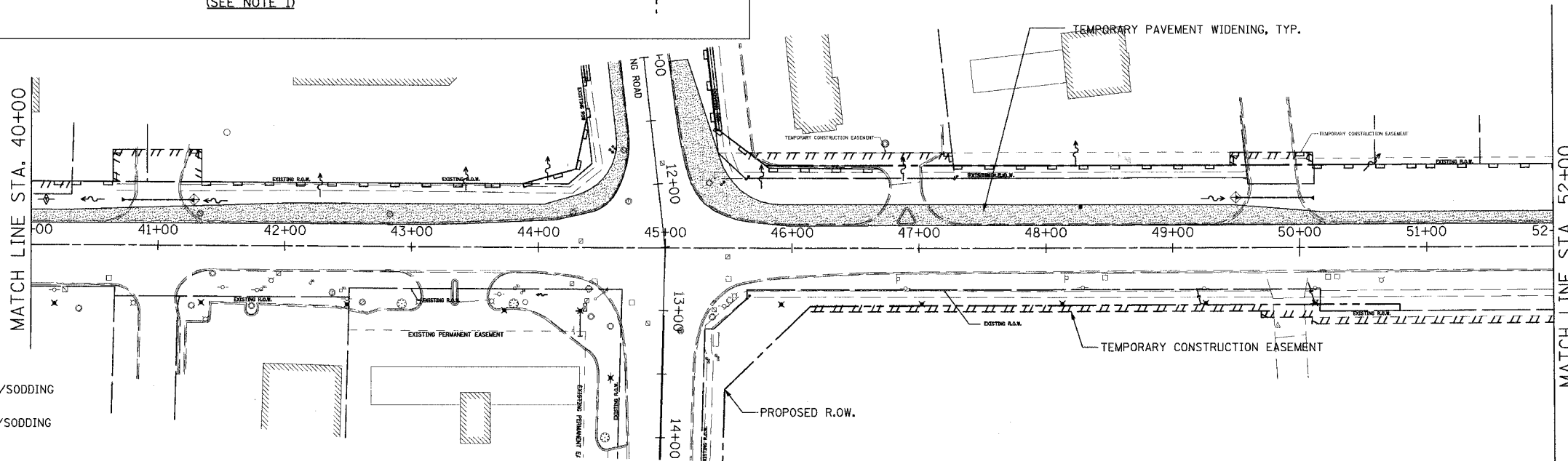
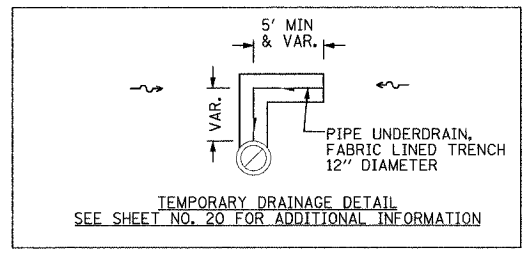
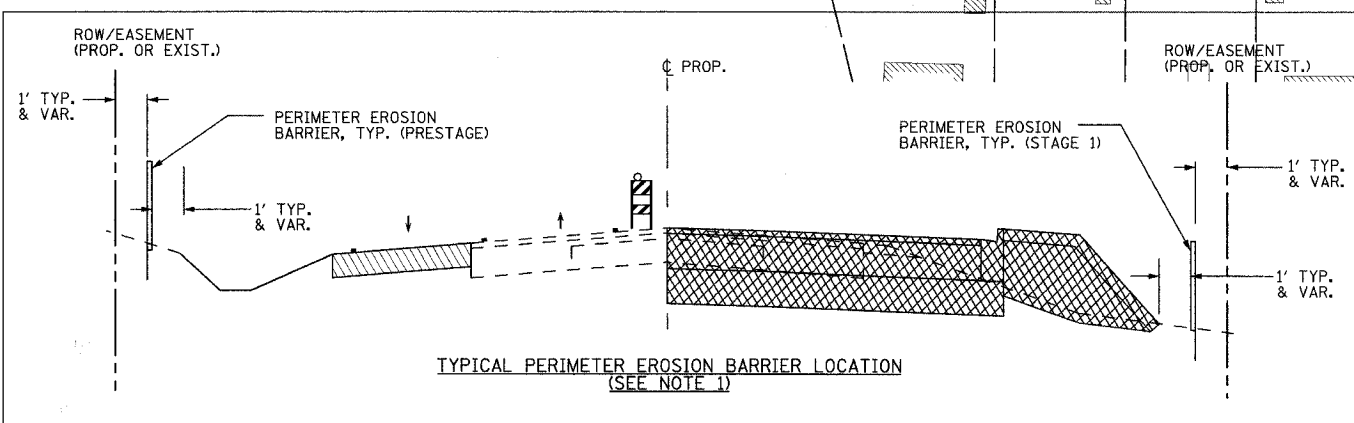
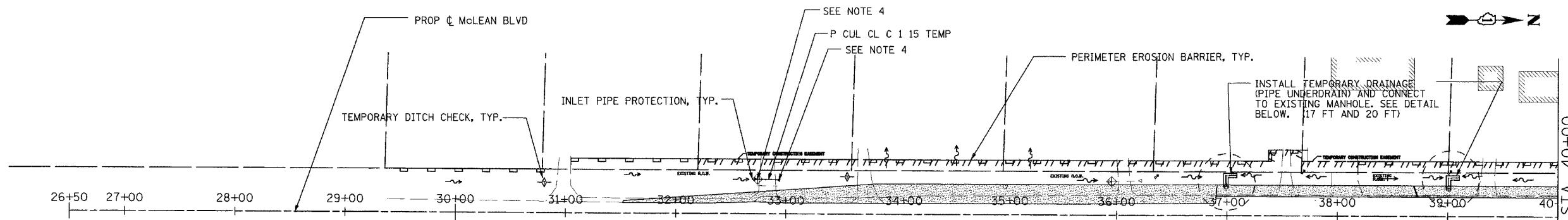
REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

MCLEAN BOULEVARD
SUGGESTED
MAINTANANCE OF TRAFFIC
DETAILS

SCALE: DRAWN BY
DATE 04/06/2007 CHECKED BY

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

	PERMANENT SEEDING/SODDING (PREVIOUS STAGE)
	PERMANENT SEEDING/SODDING (CURRENT STAGE)
	TEMPORARY PAVEMENT WIDENING
	PERIMETER EROSION BARRIER (PREVIOUS STAGE)
	PERIMETER EROSION BARRIER (CURRENT STAGE)
	INLET PIPE PROTECTION
	DITCH CHECK (TEMPORARY)
	FLOW DIRECTION
	DIRECTION OF TRAFFIC FLOW

- NOTES:**
1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
 2. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION REGARDING THE SEQUENCE OF CONSTRUCTION.
 3. NOT ALL DRAINAGE STRUCTURES ARE SHOWN. SEE DRAINAGE PLANS FOR ADDITIONAL INFORMATION.
 4. FLARED END SECTIONS FOR THE TEMPORARY PIPE CULVERTS ARE OMITTED INTENTIONALLY.
 5. MAINTAIN THE PROTECTION MEASURES FROM THE PREVIOUS STAGE UNTIL THE REMOVAL IS ABSOLUTELY NECESSARY.

REVISIONS	
NAME	DATE

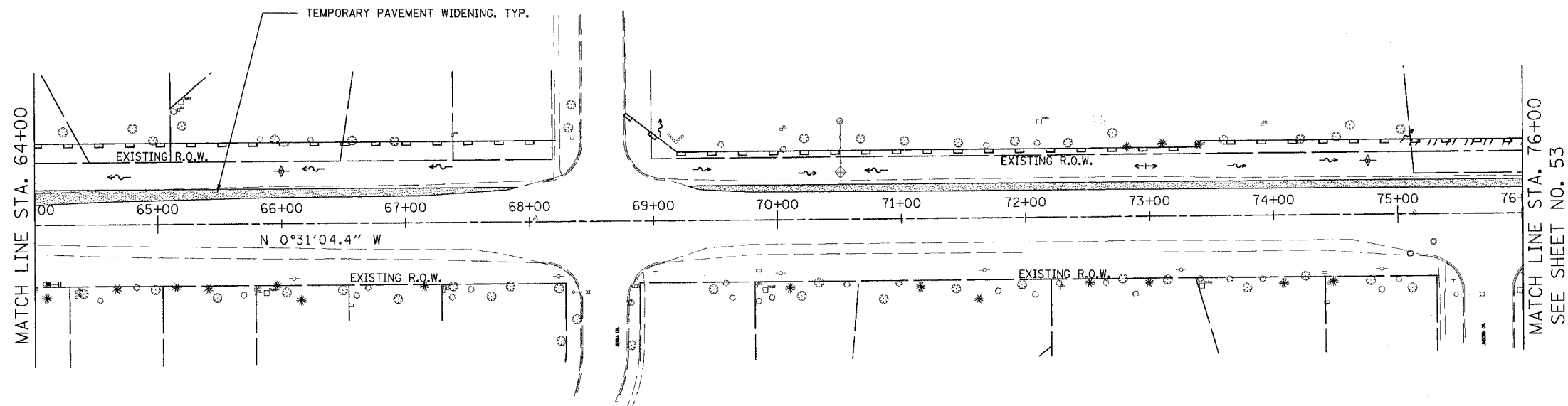
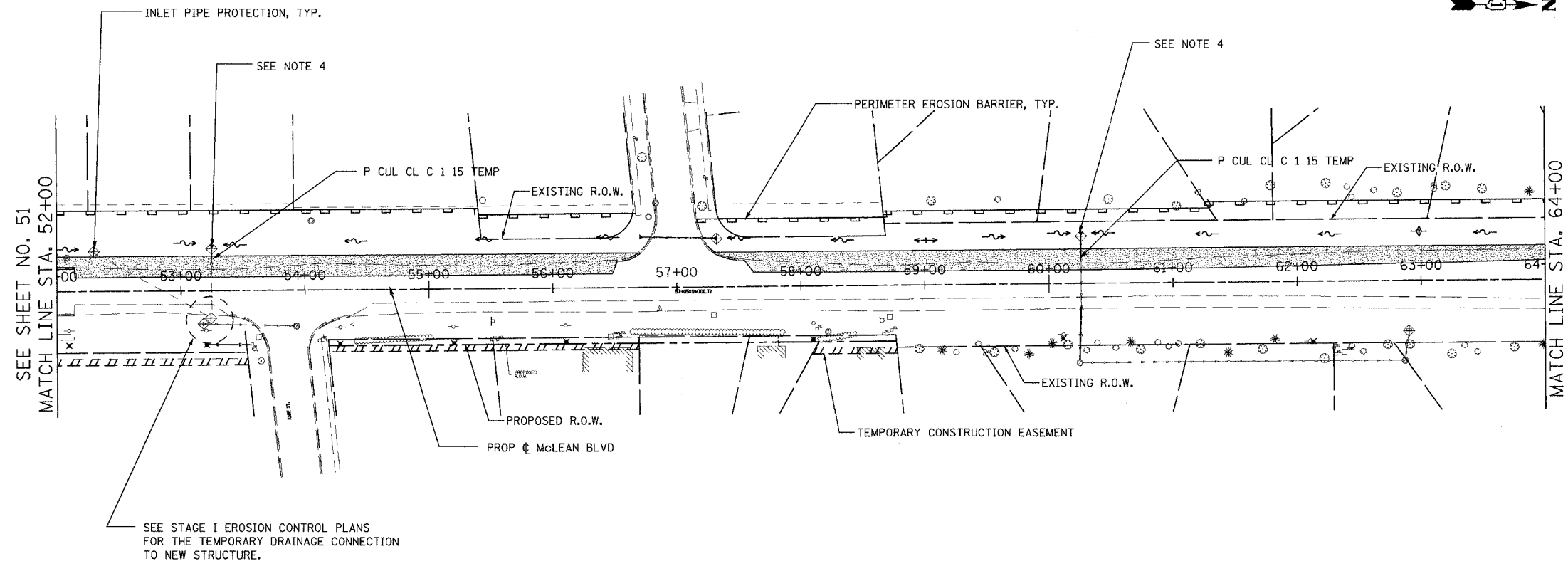
URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

McLEAN BOULEVARD
EROSION CONTROL PLAN
PRESTAGE

SCALE: DATE 04/06/2007 DRAWN BY KLM CHECKED BY MHL

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	52
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
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3. NOT ALL DRAINAGE STRUCTURES ARE SHOWN. SEE DRAINAGE PLANS FOR ADDITIONAL INFORMATION.
4. FLARED END SECTIONS FOR THE TEMPORARY PIPE CULVERTS ARE OMITTED INTENTIONALLY.
5. MAINTAIN THE PROTECTION MEASURES FROM THE PREVIOUS STAGE UNTIL THE REMOVAL IS ABSOLUTELY NECESSARY.

FOR THE EROSION CONTROL PLAN
LEGEND SEE SHEET 51.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
SUITE 500 CHICAGO, IL 60606 FAX (312) 939-4198

McLEAN BOULEVARD

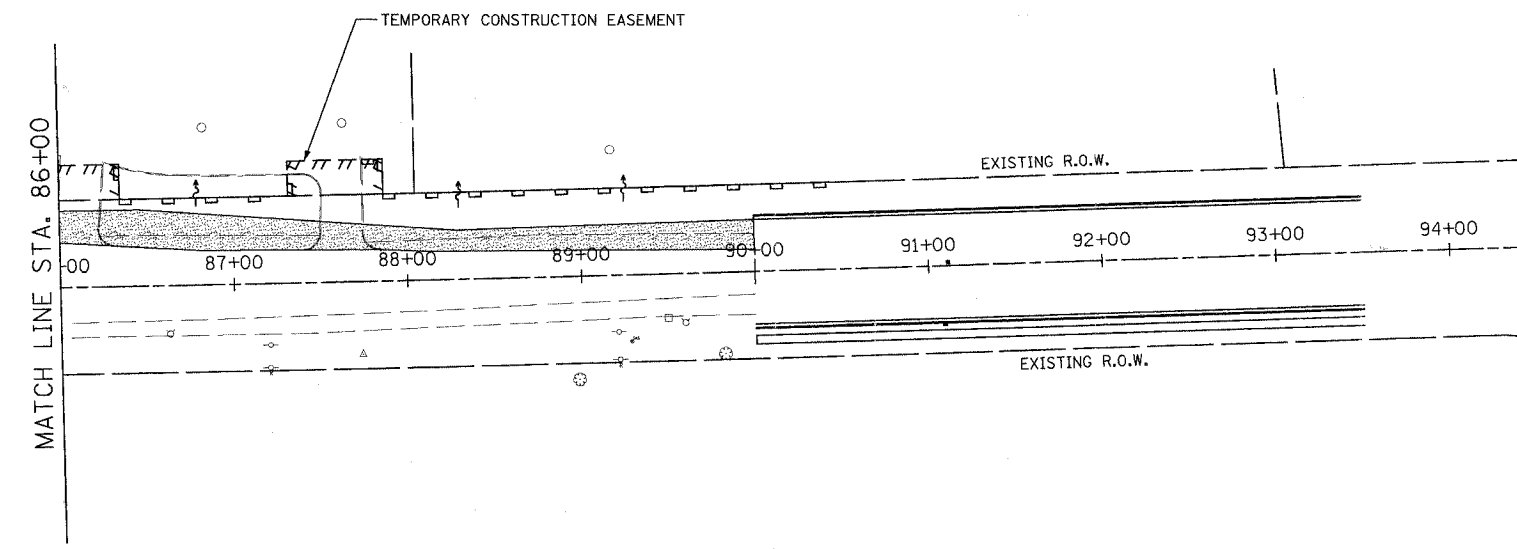
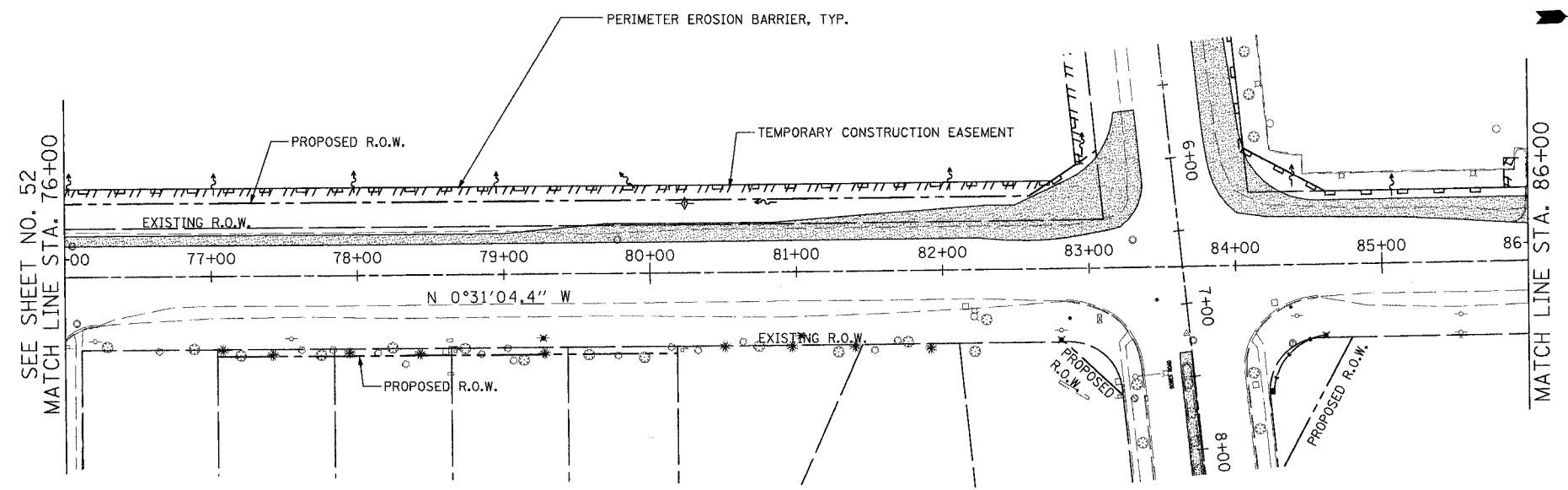
EROSION CONTROL PLANS
PRESTAGE

SCALE: DATE 04/06/2007

DRAWN BY MIA
CHECKED BY MHL

CONTRACT NO. 83737

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- NOTES:
1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
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FOR EROSION CONTROL PLAN LEGEND, SEE SHEET NO 51.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
 SUITE 500 CHICAGO, IL 60606 FAX (312) 939-4198

McLEAN BOULEVARD

EROSION CONTROL PLANS
PRESTAGE

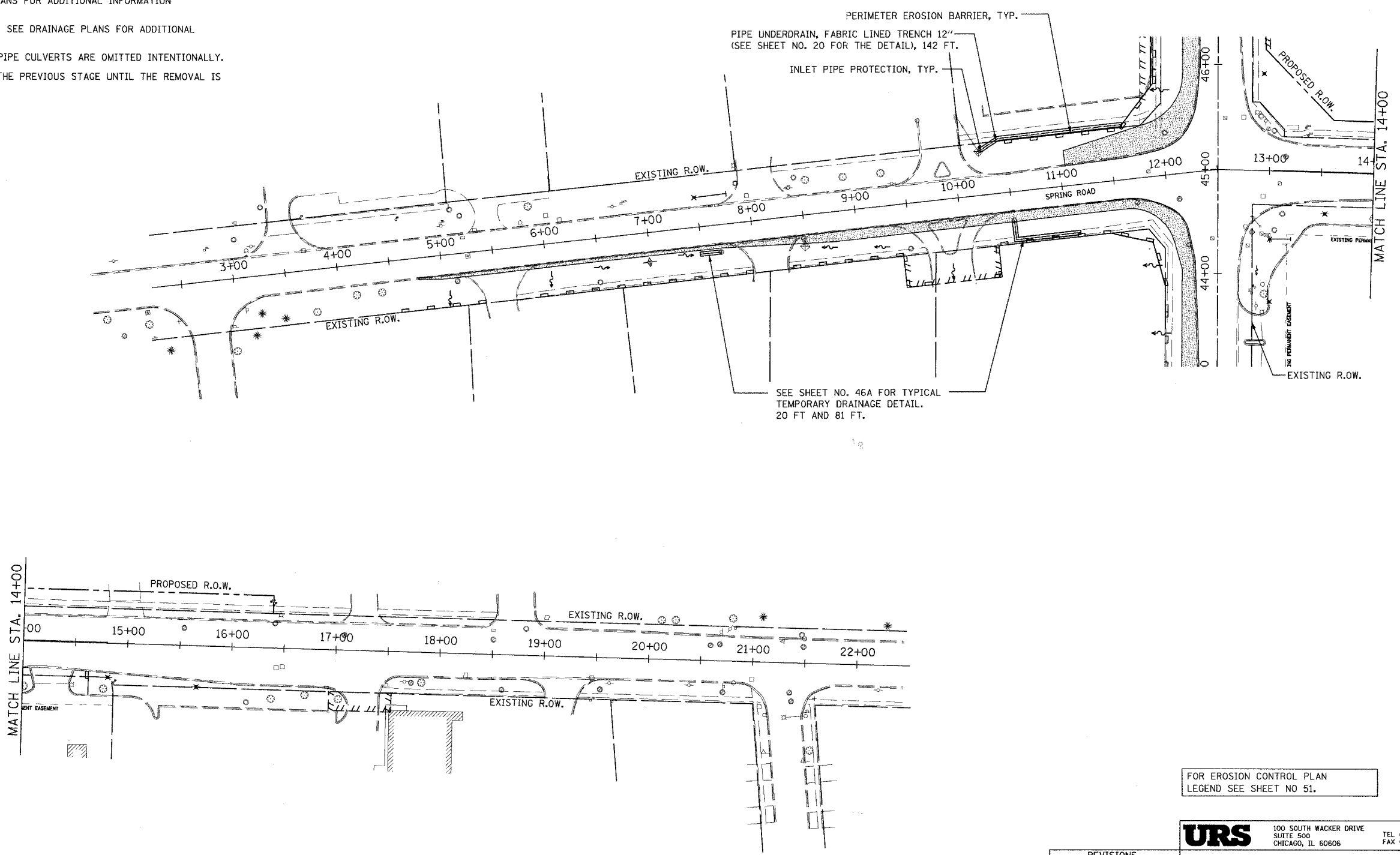
SCALE: DATE 04/06/2007

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 CHECKED BY MHL

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	54
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTES:

1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
2. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION REGARDING THE SEQUENCE OF CONSTRUCTION.
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FOR EROSION CONTROL PLAN
LEGEND SEE SHEET NO 51.

URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
SUITE 500 CHICAGO, IL 60606 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD

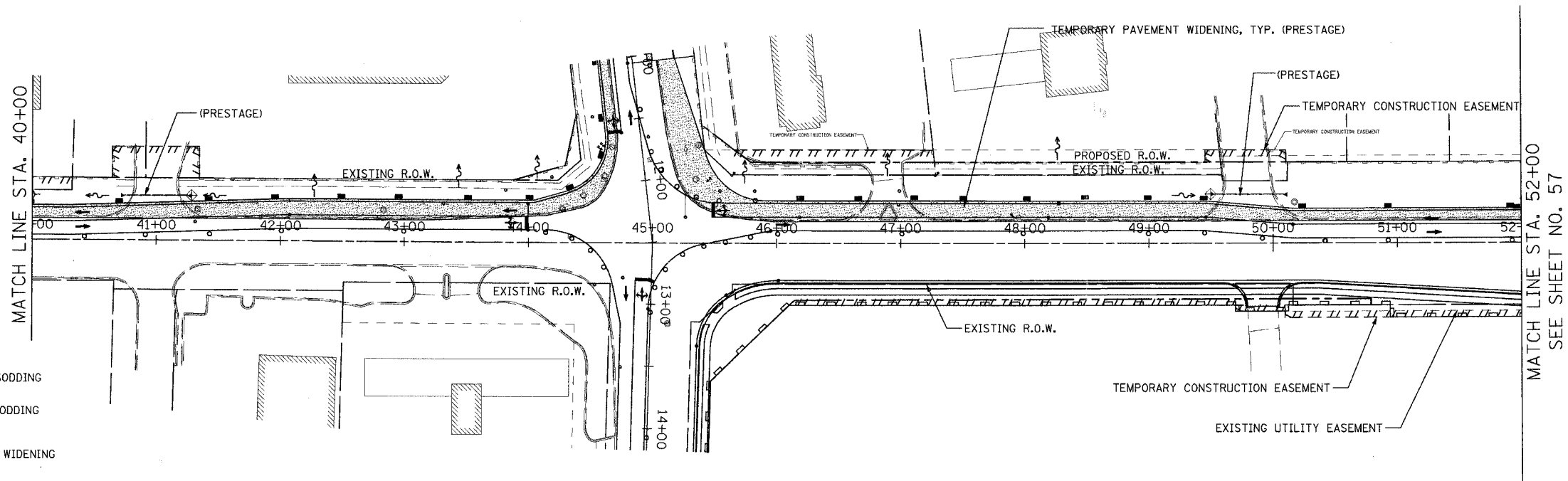
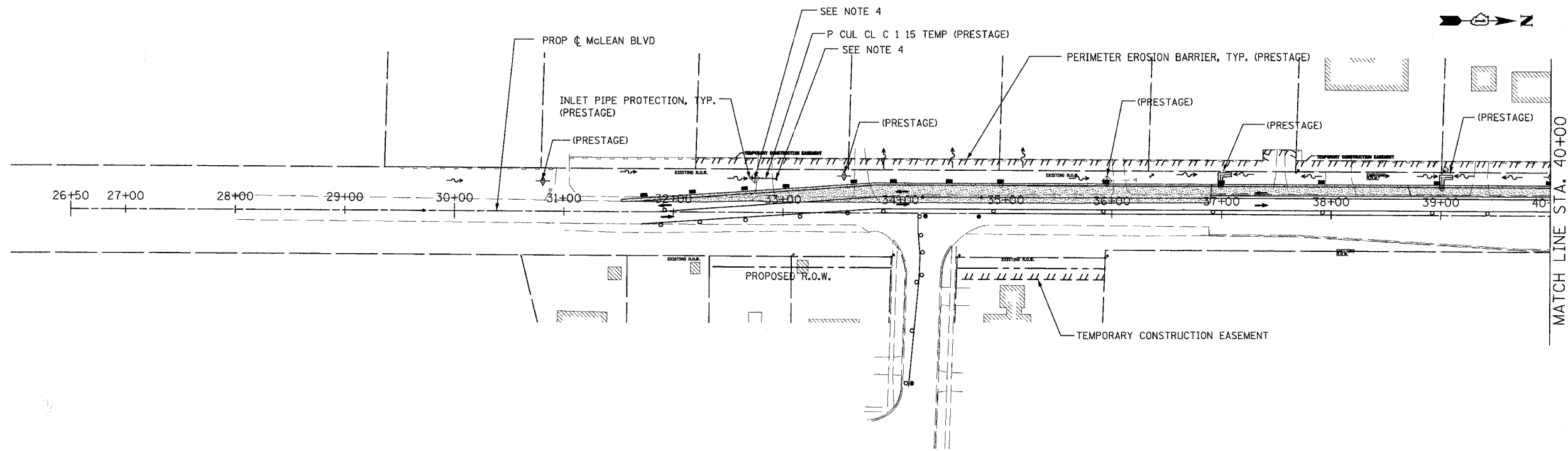
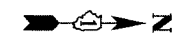
EROSION CONTROL PLANS
SPRING STREET
PRESTAGE

SCALE: DATE 04/06/2007

DRAWN BY CHECKED BY

CONTRACT NO. 83737

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

- PERMANENT SEEDING/SODDING (PREVIOUS STAGE)
- PERMANENT SEEDING/SODDING (CURRENT STAGE)
- TEMPORARY PAVEMENT WIDENING
- PERIMETER EROSION BARRIER (PREVIOUS STAGE)
- PERIMETER EROSION BARRIER (CURRENT STAGE)
- INLET PIPE PROTECTION
- DITCH CHECK (TEMPORARY)
- FLOW DIRECTION
- DIRECTION OF TRAFFIC FLOW

NOTES:

1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
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3. NOT ALL DRAINAGE STRUCTURES ARE SHOWN. SEE DRAINAGE PLANS FOR ADDITIONAL INFORMATION.
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5. MAINTAIN THE PROTECTION MEASURES FROM THE PREVIOUS STAGE UNTIL THE REMOVAL IS ABSOLUTELY NECESSARY.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500
CHICAGO, IL 60606 TEL (312) 939-1000
FAX (312) 939-4198

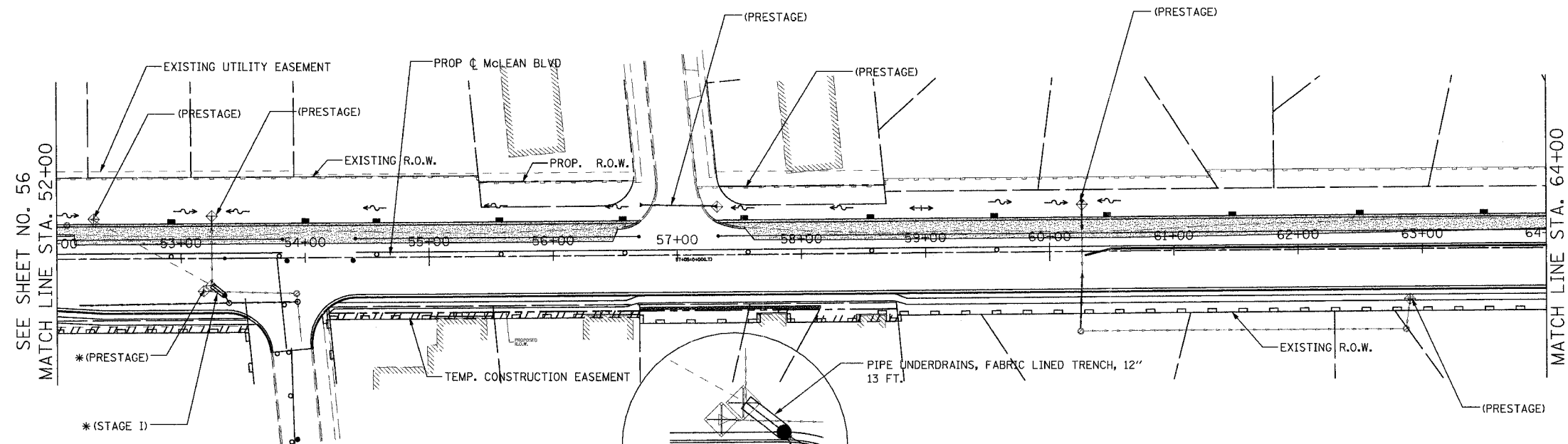
McLEAN BOULEVARD

EROSION CONTROL PLAN
STAGE I

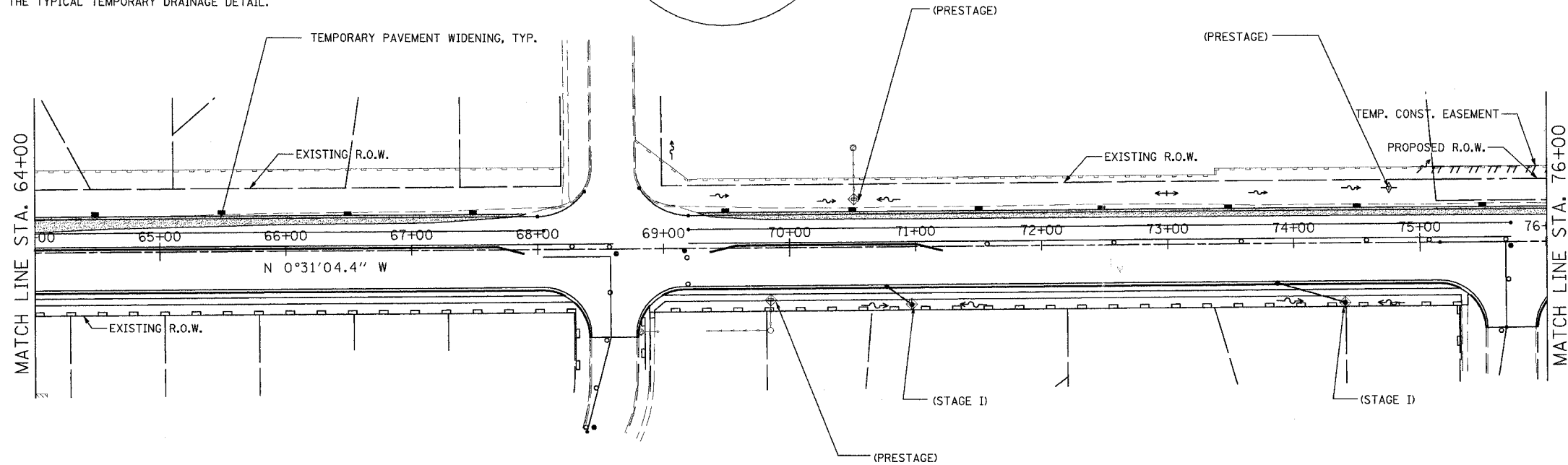
SCALE: DATE 04/06/2007 DRAWN BY KLM
CHECKED BY MHL

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	57
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



* MAINTAIN THE PRESTAGE PROTECTION UNTIL THE PROPOSED PERMANENT DRAINAGE STRUCTURES ARE IN PLACE. INSTALL TEMPORARY DRAINAGE (PIPE UNDERDRAIN) CONNECTION TO THE NEW STRUCTURE PRIOR TO THE STAGE I ROADWAY CONSTRUCTION AND AS DIRECTED BY THE ENGINEER. SEE SHEET 46A FOR THE TYPICAL TEMPORARY DRAINAGE DETAIL.



NOTES:

1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
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FOR THE EROSION CONTROL PLAN LEGEND SEE SHEET 51.

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

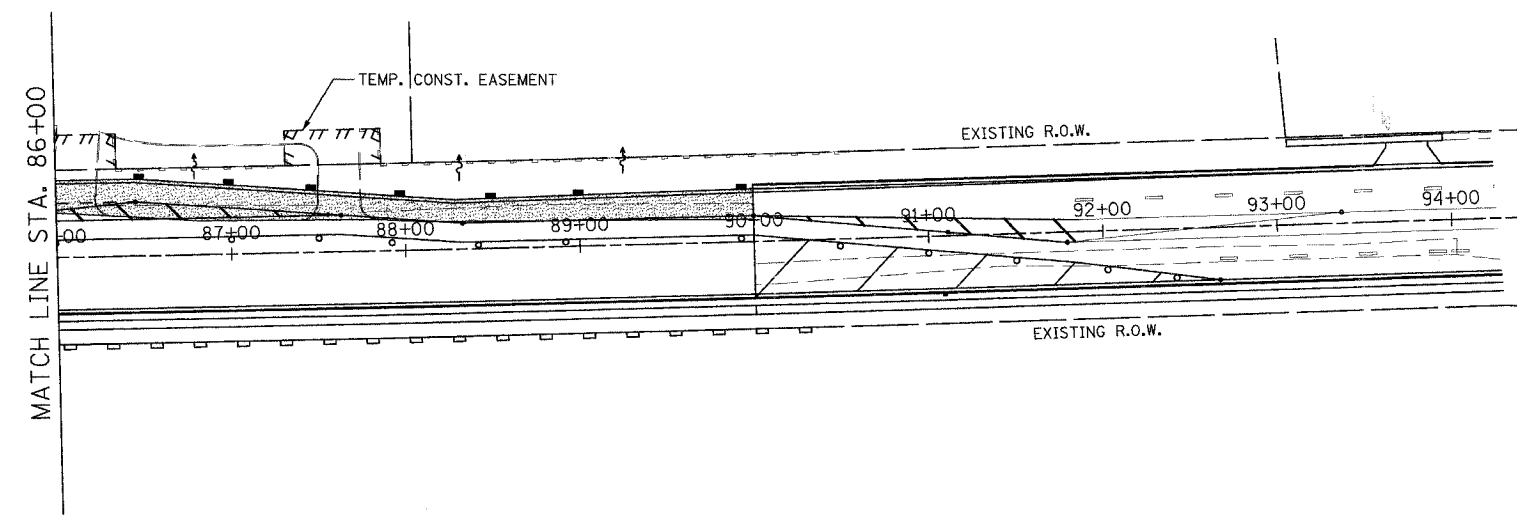
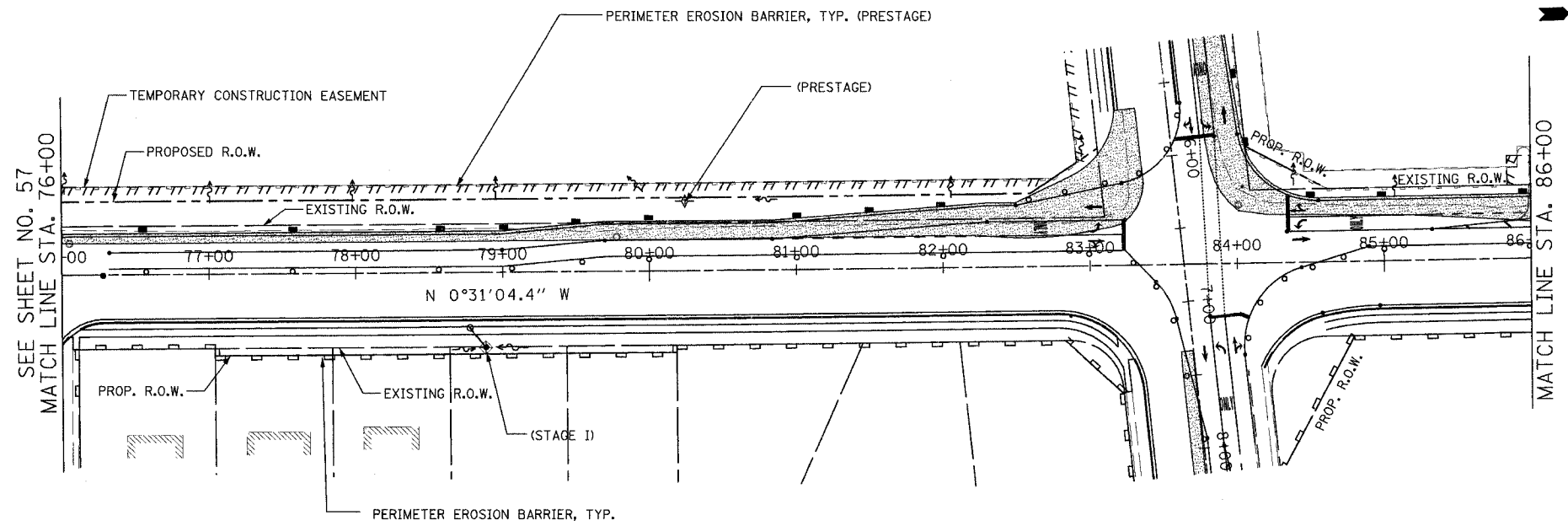
REVISIONS	
NAME	DATE

McLEAN BOULEVARD
EROSION CONTROL PLANS
STAGE I

SCALE: DATE 04/06/2007

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CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	58
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- NOTES:
1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
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FOR EROSION CONTROL PLAN
LEGEND, SEE SHEET NO 51.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
SUITE 500 CHICAGO, IL 60606 FAX (312) 939-4198

McLEAN BOULEVARD

EROSION CONTROL PLANS
STAGE I

SCALE: DATE 04/06/2007 DRAWN BY MIA CHECKED BY MHL

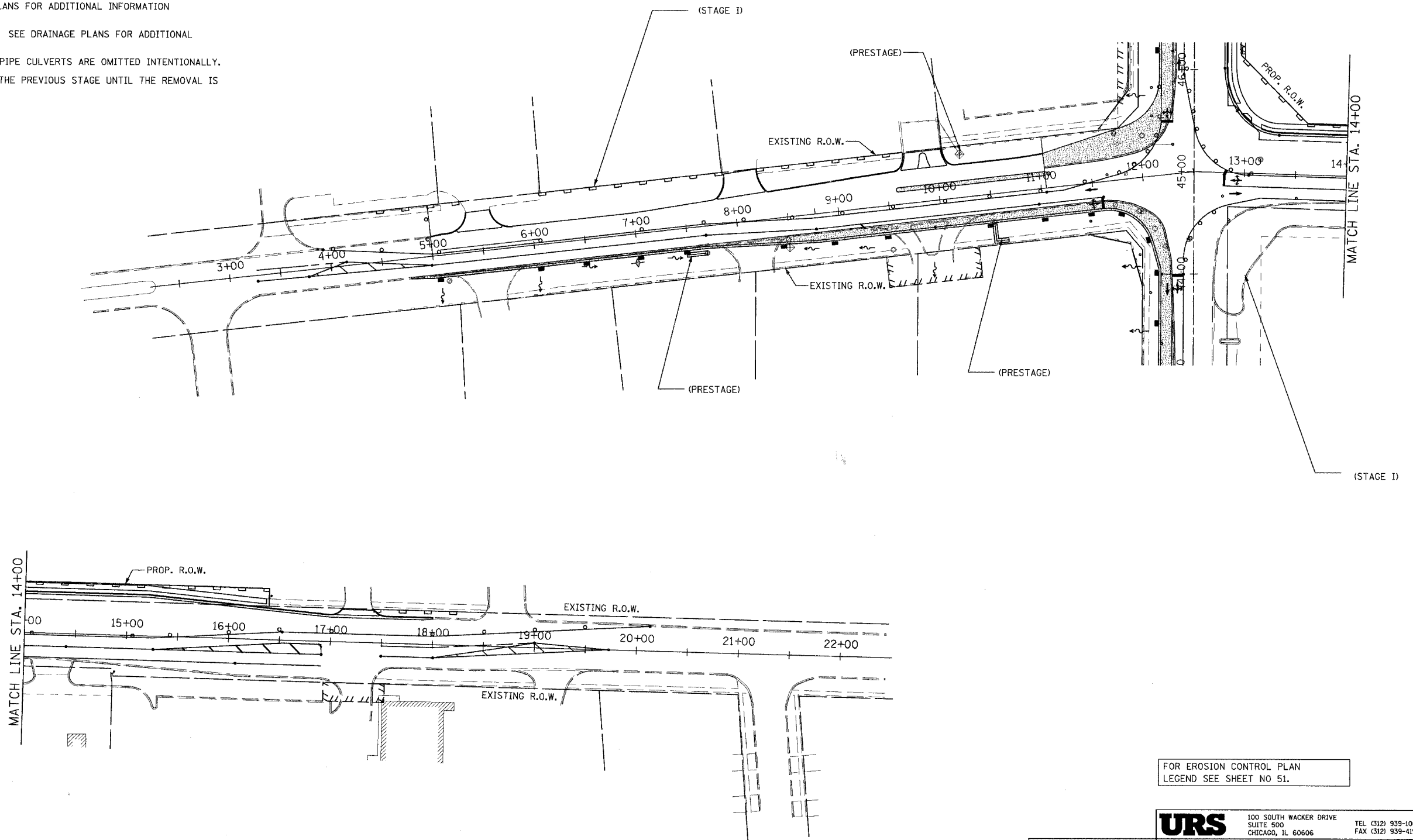
CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	59
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
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FOR EROSION CONTROL PLAN
LEGEND SEE SHEET NO 51.

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

REVISIONS	
NAME	DATE

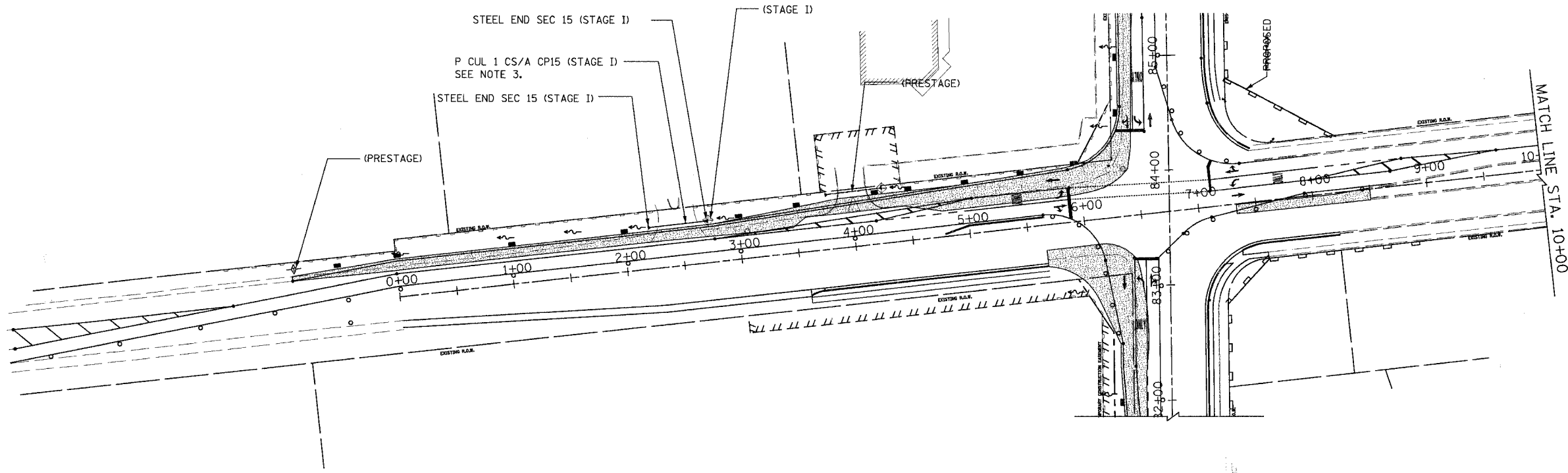
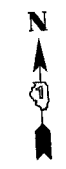
McLEAN BOULEVARD
EROSION CONTROL PLANS
SPRING STREET
STAGE I

SCALE: DATE 04/06/2007

DRAWN BY
CHECKED BY

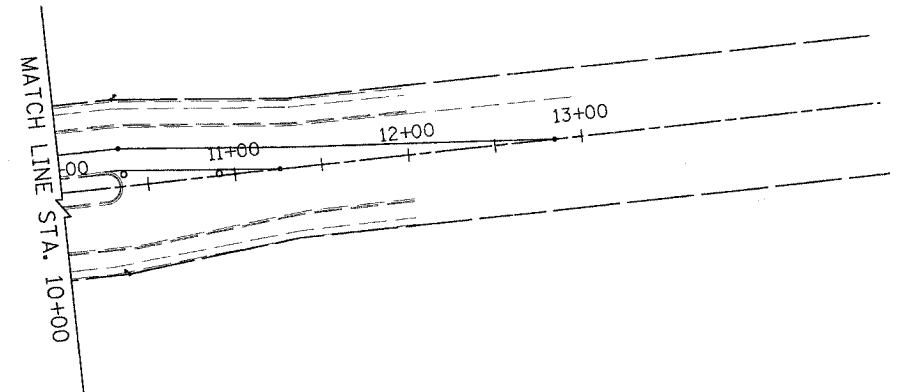
CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	60
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

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FOR EROSION CONTROL PLAN
LEGEND, SEE SHEET NO 51.

URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
SUITE 500 CHICAGO, IL 60606 FAX (312) 939-4198

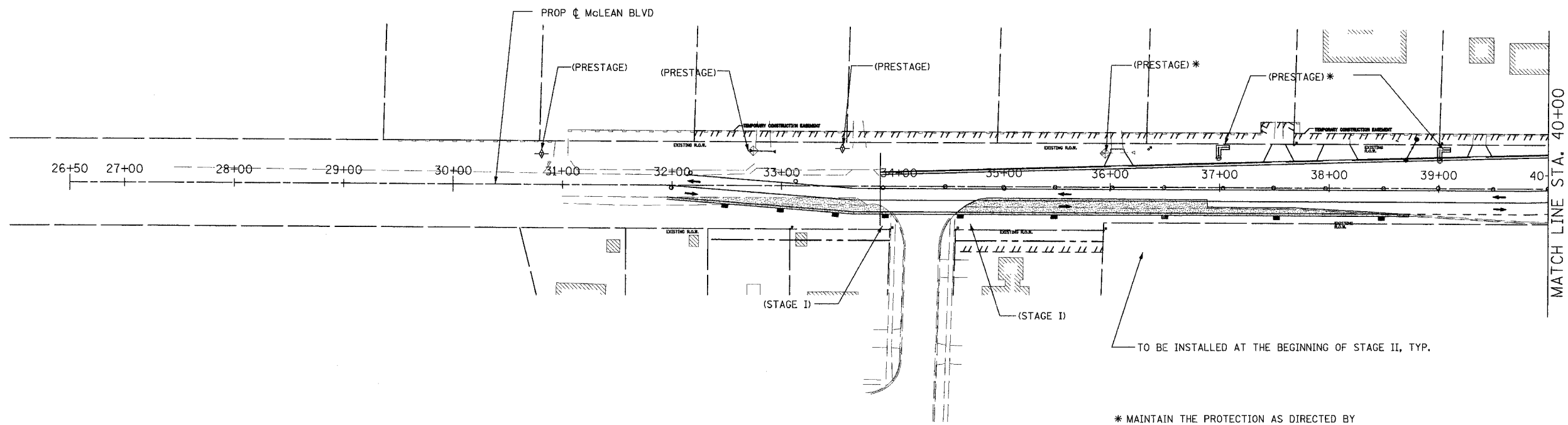
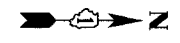
REVISIONS	
NAME	DATE

McLEAN BOULEVARD
EROSION CONTROL PLANS
BOWES ROAD
STAGE I

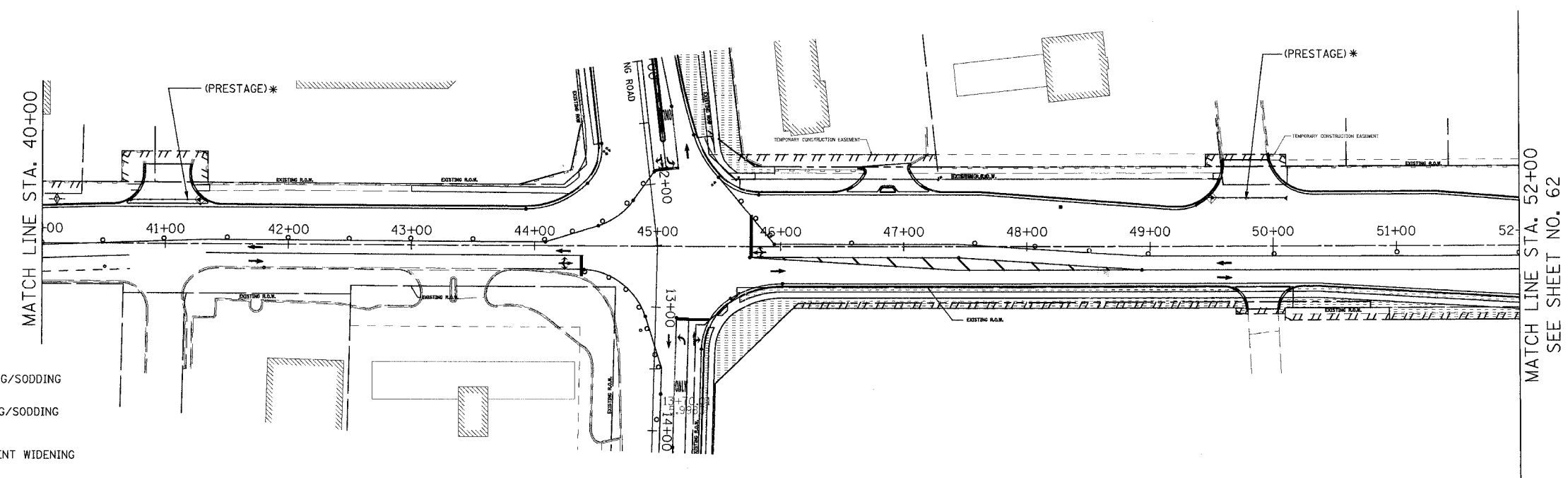
SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	61
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



* MAINTAIN THE PROTECTION AS DIRECTED BY THE ENGINEER UNTIL THE REMOVAL IS NECESSARY.



LEGEND

- PERMANENT SEEDING/SODDING (PREVIOUS STAGE)
- PERMANENT SEEDING/SODDING (CURRENT STAGE)
- TEMPORARY PAVEMENT WIDENING
- PERIMETER EROSION BARRIER (PREVIOUS STAGE)
- PERIMETER EROSION BARRIER (CURRENT STAGE)
- INLET PIPE PROTECTION
- DITCH CHECK (TEMPORARY)
- FLOW DIRECTION
- DIRECTION OF TRAFFIC FLOW

NOTES:

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REVISIONS	
NAME	DATE

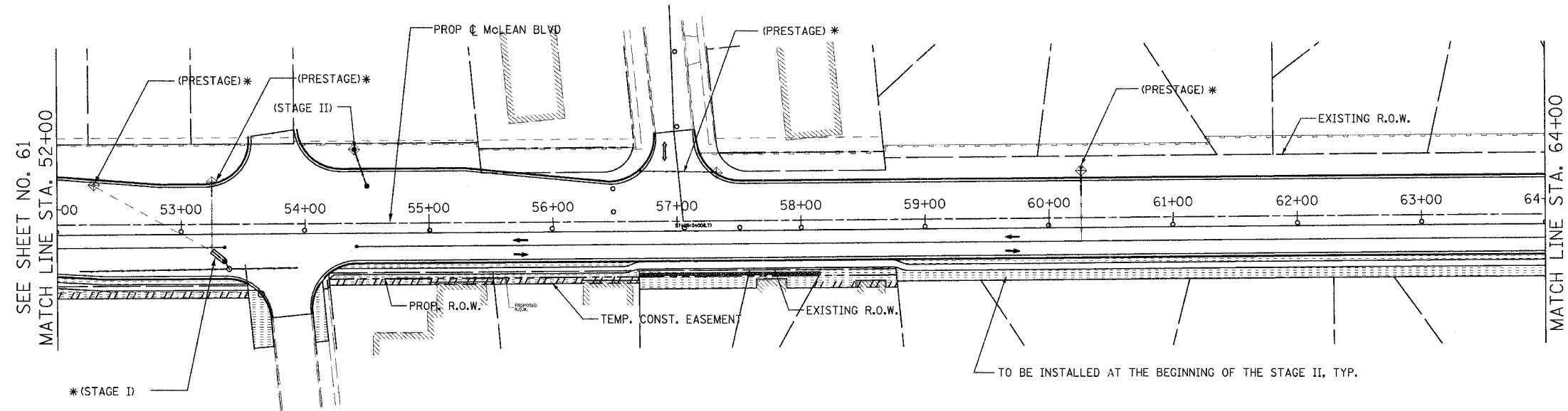
URS 100 SOUTH WACKER DRIVE
SUITE 500
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4198

McLEAN BOULEVARD
EROSION CONTROL PLAN
STAGE II

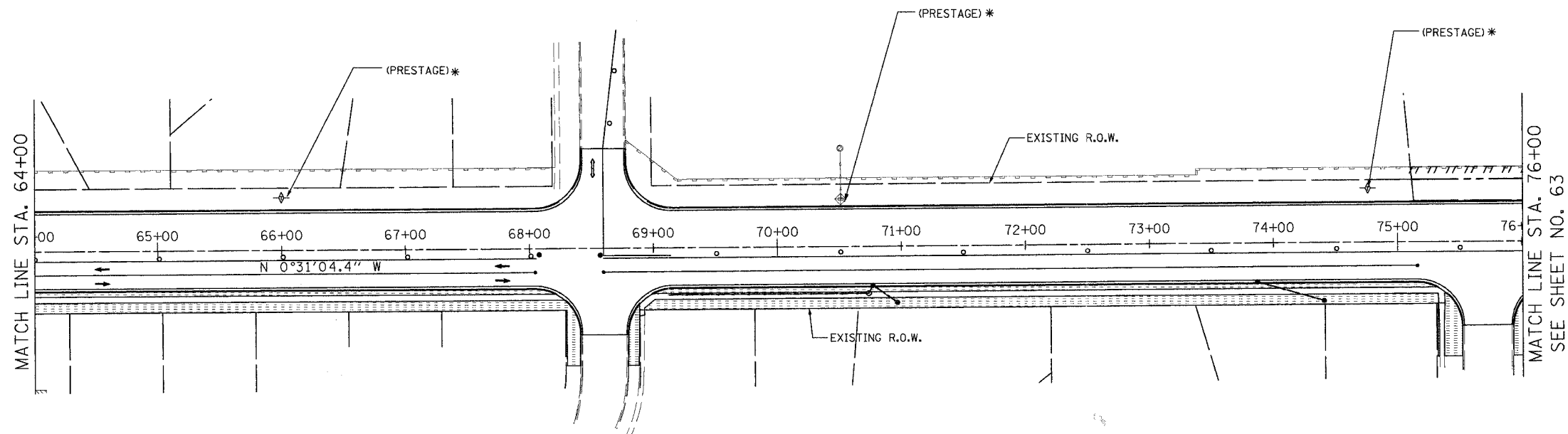
SCALE: DATE 04/06/2007
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CHECKED BY MHL

CONTRACT NO. 83737

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	62
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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NOTES:

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FOR THE EROSION CONTROL PLAN
LEGEND SEE SHEET 51.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

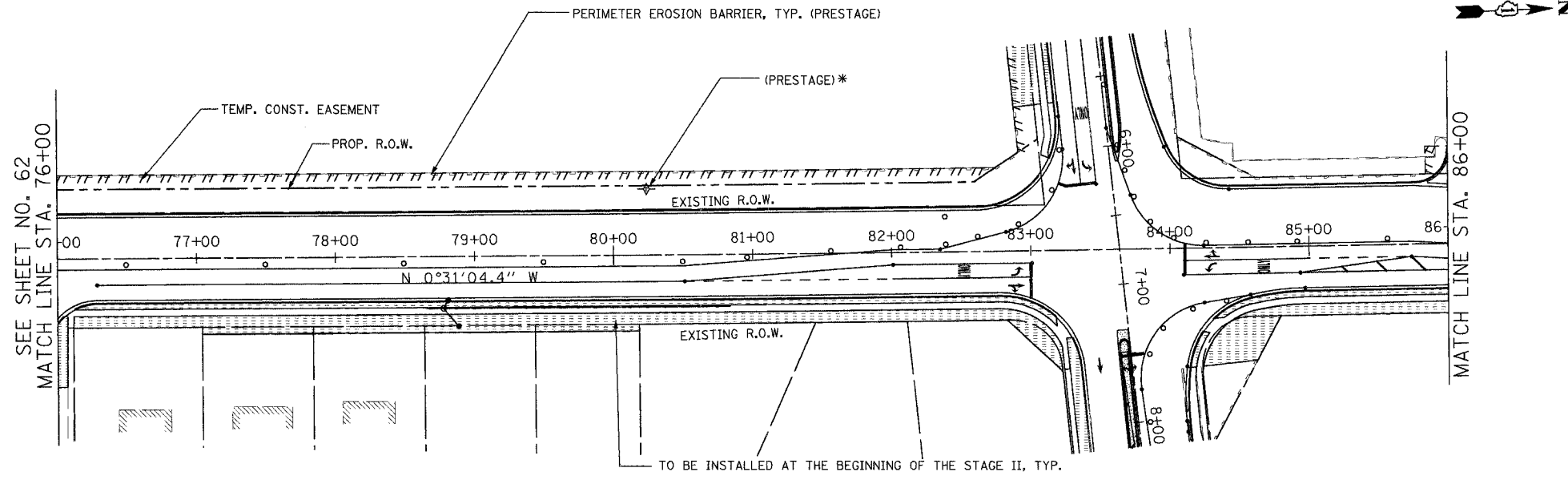
McLEAN BOULEVARD
EROSION CONTROL PLANS
STAGE II

SCALE:
DATE 04/06/2007

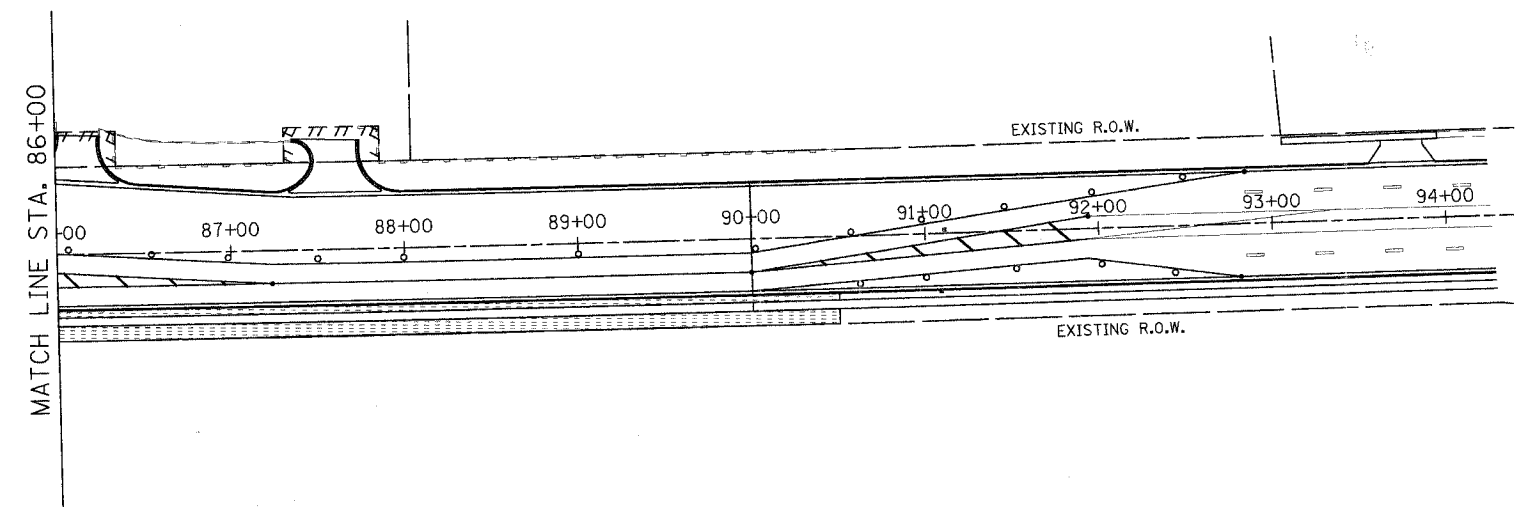
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CHECKED BY MHL

CONTRACT NO. 83737

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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- NOTES:
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FOR EROSION CONTROL PLAN LEGEND, SEE SHEET NO 51.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
 SUITE 500 CHICAGO, IL 60606 FAX (312) 939-4198

McLEAN BOULEVARD

EROSION CONTROL PLANS
STAGE II

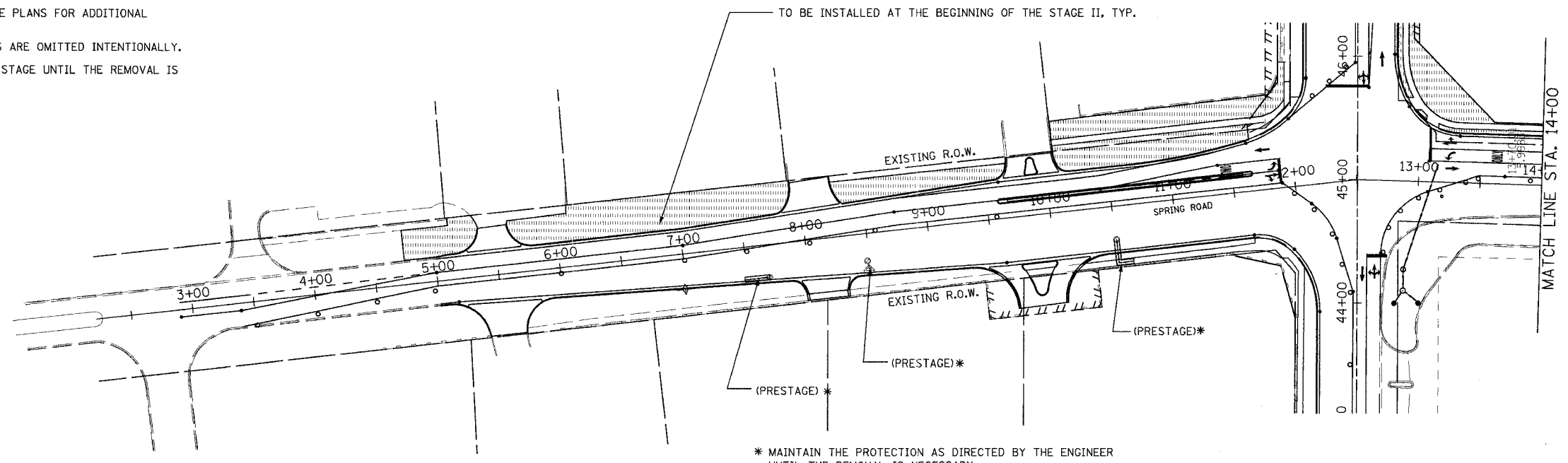
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CONTRACT NO. 83737

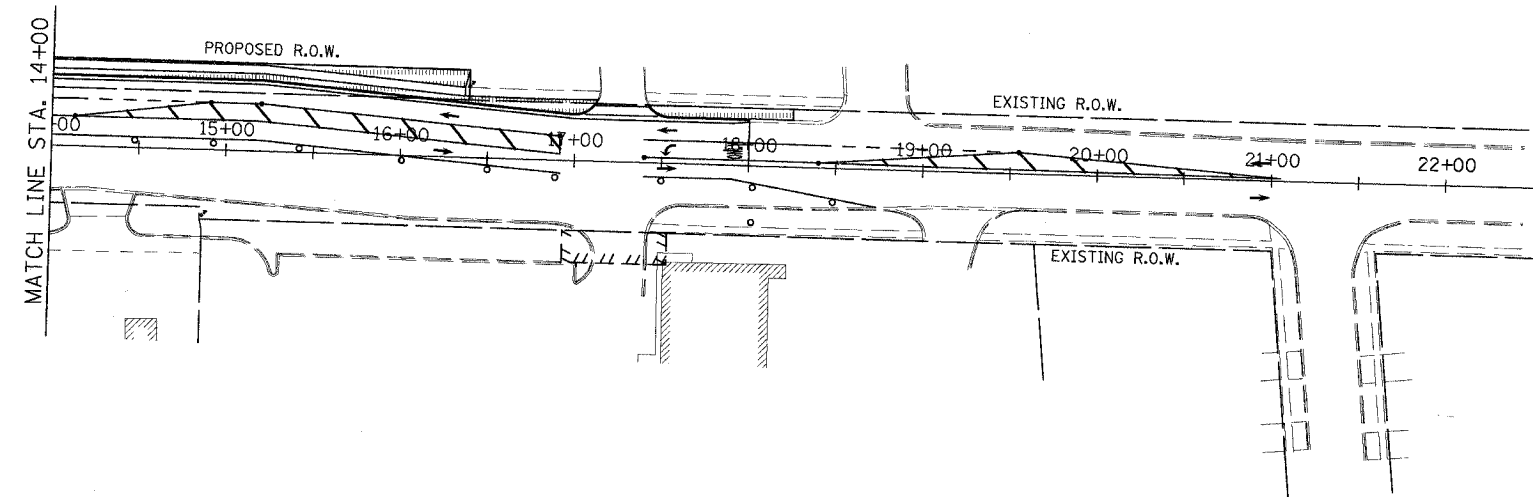
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	86-00094-01-WR	KANE	187	64
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTES:

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3. NOT ALL DRAINAGE STRUCTURES ARE SHOWN. SEE DRAINAGE PLANS FOR ADDITIONAL INFORMATION.
4. FLARED END SECTIONS FOR THE TEMPORARY PIPE CULVERTS ARE OMITTED INTENTIONALLY.
5. MAINTAIN THE PROTECTION MEASURES FROM THE PREVIOUS STAGE UNTIL THE REMOVAL IS ABSOLUTELY NECESSARY.



* MAINTAIN THE PROTECTION AS DIRECTED BY THE ENGINEER UNTIL THE REMOVAL IS NECESSARY.



FOR EROSION CONTROL PLAN
LEGEND SEE SHEET NO 51.

URS 100 SOUTH WACKER DRIVE
SUITE 500 CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4198

REVISIONS	
NAME	DATE

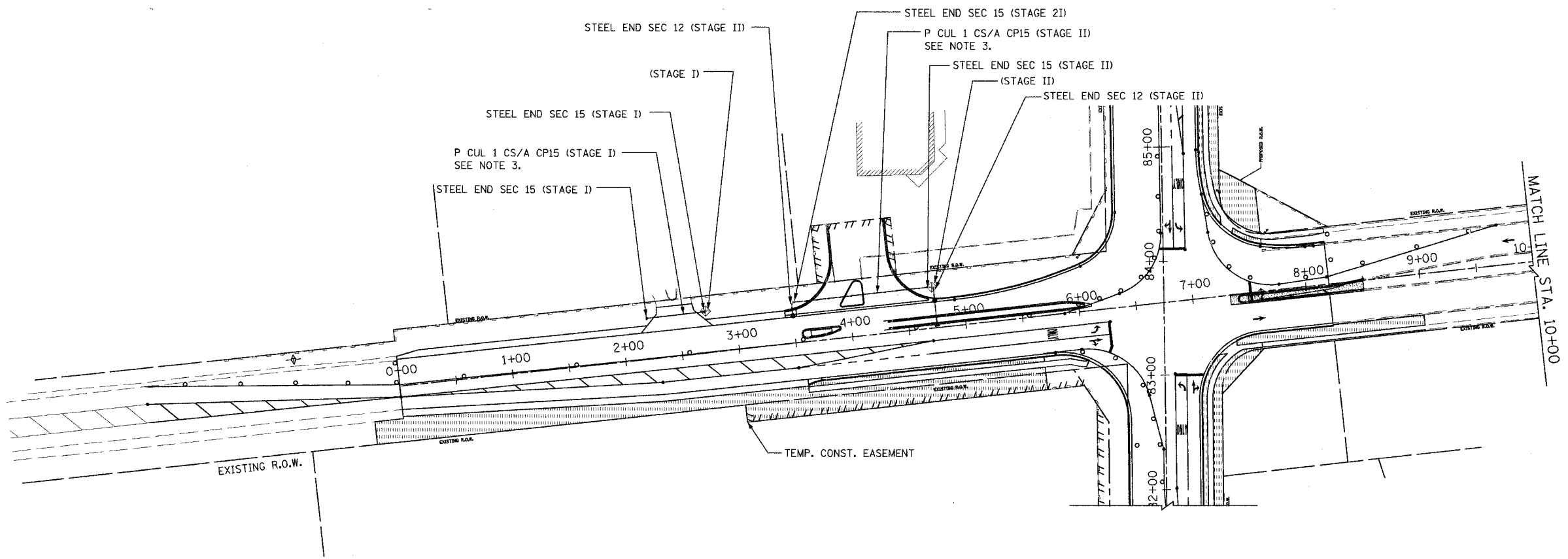
McLEAN BOULEVARD
EROSION CONTROL PLANS
SPRING STREET
STAGE II

SCALE: DATE 04/06/2007

DRAWN BY
CHECKED BY

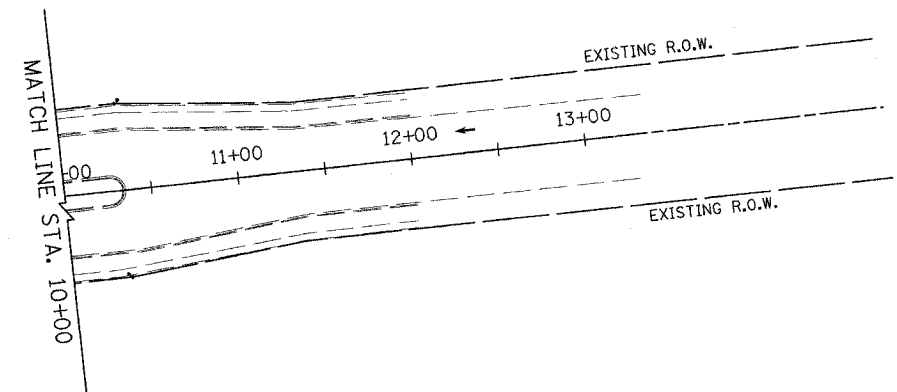
CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	65
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
2. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION REGARDING THE SEQUENCE OF CONSTRUCTION.
3. NOT ALL DRAINAGE STRUCTURES ARE SHOWN. SEE DRAINAGE PLANS FOR ADDITIONAL INFORMATION.
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5. MAINTAIN THE PROTECTION MEASURES FROM THE PREVIOUS STAGE UNTIL THE REMOVAL IS ABSOLUTELY NECESSARY.



FOR EROSION CONTROL PLAN
LEGEND, SEE SHEET NO 51.

URS 100 SOUTH WACKER DRIVE
SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

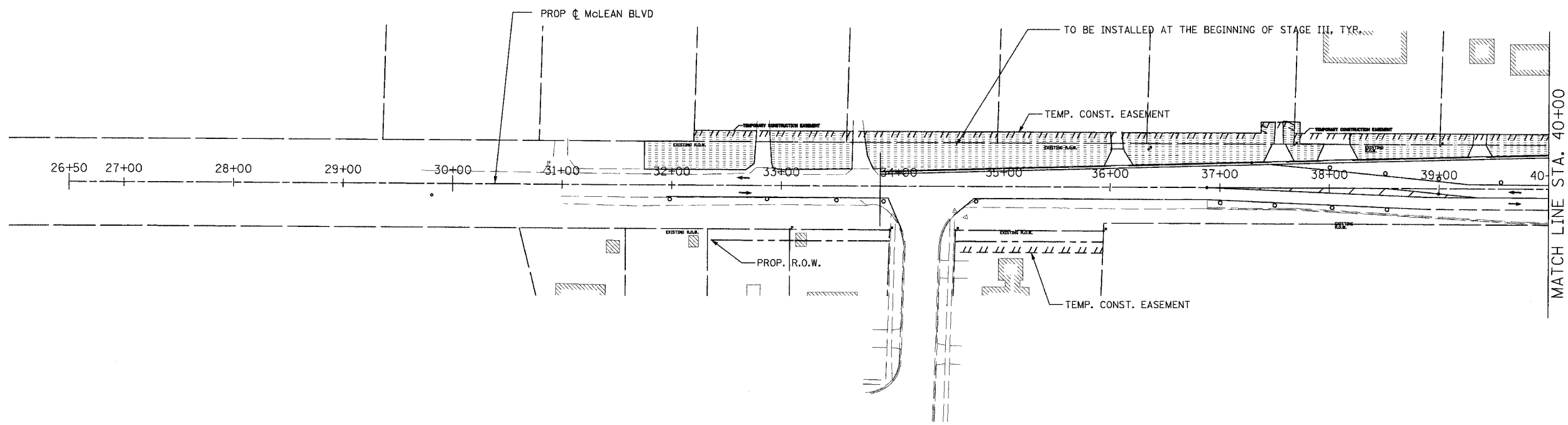
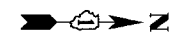
REVISIONS	
NAME	DATE

McLEAN BOULEVARD
EROSION CONTROL PLANS
BOWES ROAD
STAGE II

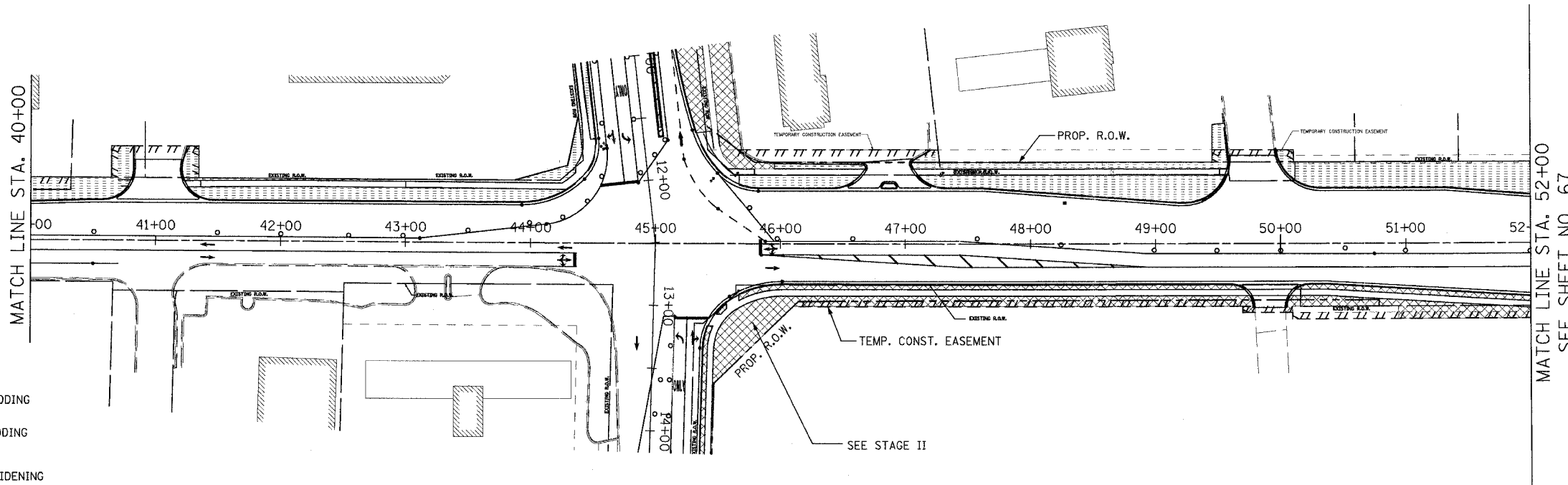
SCALE: DATE 04/06/2007 DRAWN BY CHECKED BY

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 40+00



MATCH LINE STA. 40+00

MATCH LINE STA. 52+00
SEE SHEET NO. 67

LEGEND

- PERMANENT SEEDING/SODDING (PREVIOUS STAGE)
- PERMANENT SEEDING/SODDING (CURRENT STAGE)
- TEMPORARY PAVEMENT WIDENING
- PERIMETER EROSION BARRIER (PREVIOUS STAGE)
- PERIMETER EROSION BARRIER (CURRENT STAGE)
- INLET PIPE PROTECTION
- DITCH CHECK (TEMPORARY)
- FLOW DIRECTION
- DIRECTION OF TRAFFIC FLOW

NOTES:

1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
2. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION REGARDING THE SEQUENCE OF CONSTRUCTION.
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REVISIONS	
NAME	DATE

100 SOUTH WACKER DRIVE
SUITE 500
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4198

McLEAN BOULEVARD

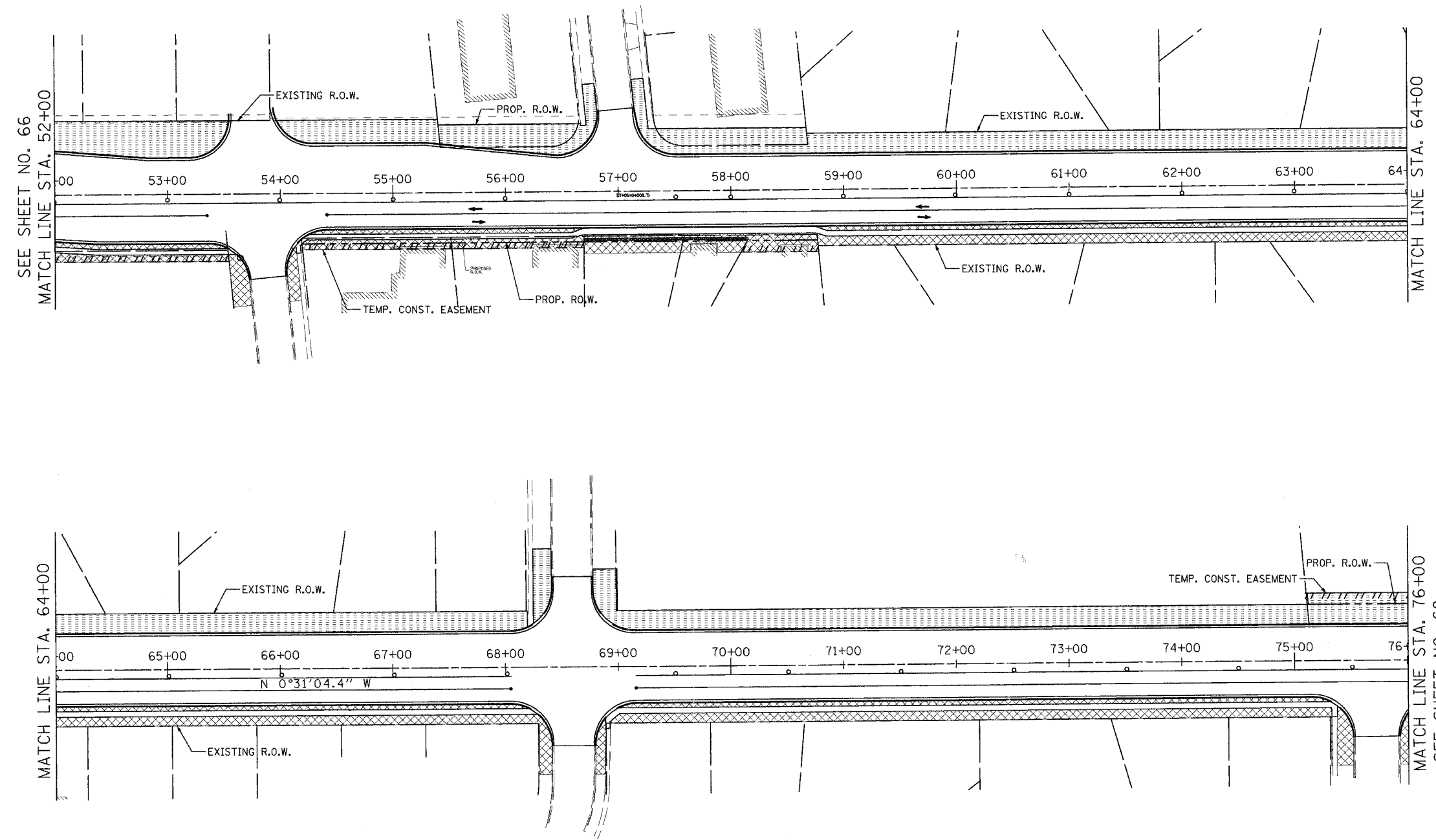
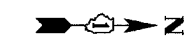
EROSION CONTROL PLAN
STAGE III

SCALE: DATE 04/06/2007

DRAWN BY KLM
CHECKED BY MHL

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES:

1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
2. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION REGARDING THE SEQUENCE OF CONSTRUCTION.
3. NOT ALL DRAINAGE STRUCTURES ARE SHOWN. SEE DRAINAGE PLANS FOR ADDITIONAL INFORMATION.
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5. MAINTAIN THE PROTECTION MEASURES FROM THE PREVIOUS STAGE UNTIL THE REMOVAL IS ABSOLUTELY NECESSARY.

FOR THE EROSION CONTROL PLAN
LEGEND SEE SHEET 51.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
SUITE 500 CHICAGO, IL 60606 FAX (312) 939-4198

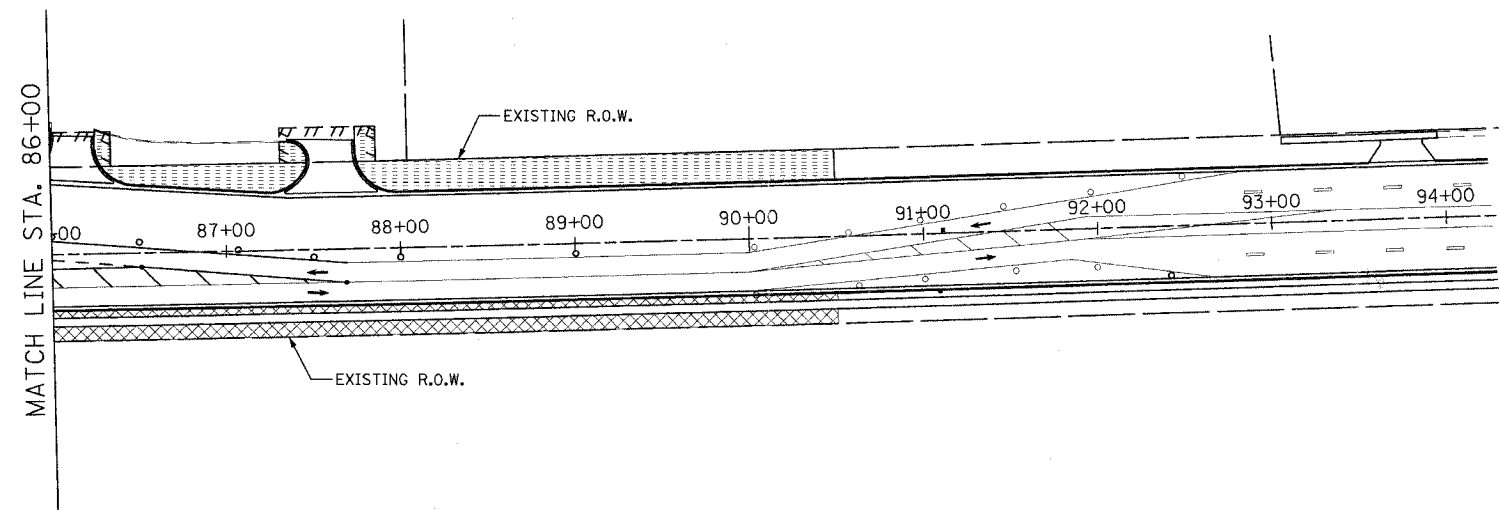
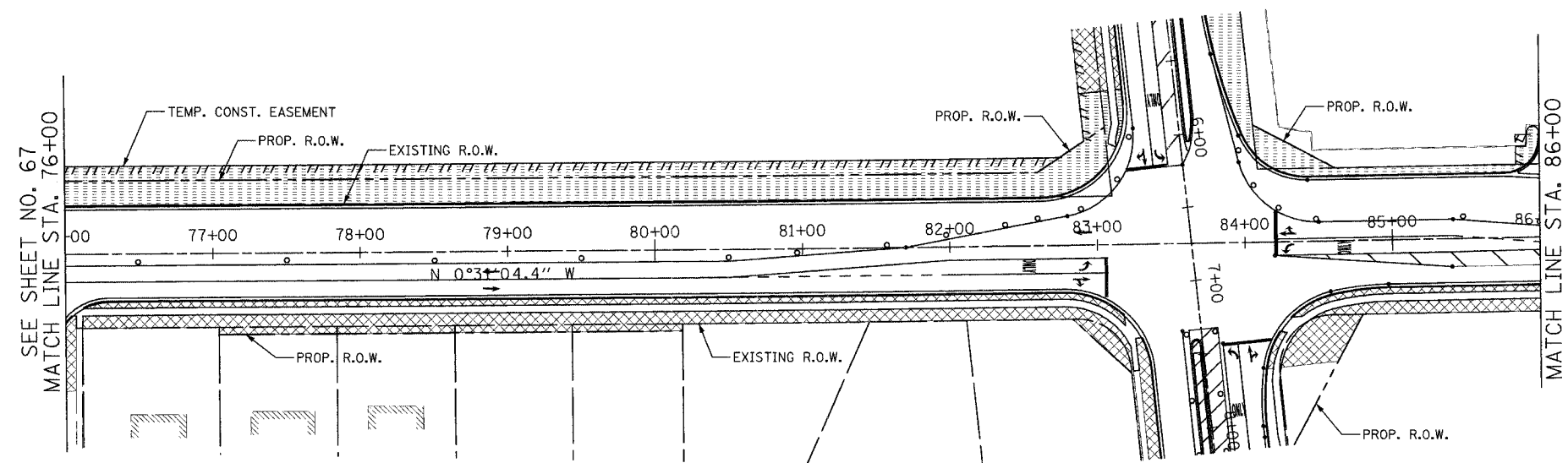
McLEAN BOULEVARD

EROSION CONTROL PLANS
STAGE III

SCALE: DATE 04/06/2007 DRAWN BY MIA CHECKED BY MHL

CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	68
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
2. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION REGARDING THE SEQUENCE OF CONSTRUCTION.
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FOR EROSION CONTROL PLAN LEGEND, SEE SHEET NO 51.

REVISIONS	
NAME	DATE

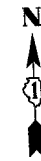
URS 100 SOUTH WACKER DRIVE TEL (312) 939-1000
 SUITE 500 CHICAGO, IL 60606 FAX (312) 939-4198

McLEAN BOULEVARD
 EROSION CONTROL PLANS
 STAGE III

SCALE: DATE: 04/06/2007 DRAWN BY: MIA CHECKED BY: MHL

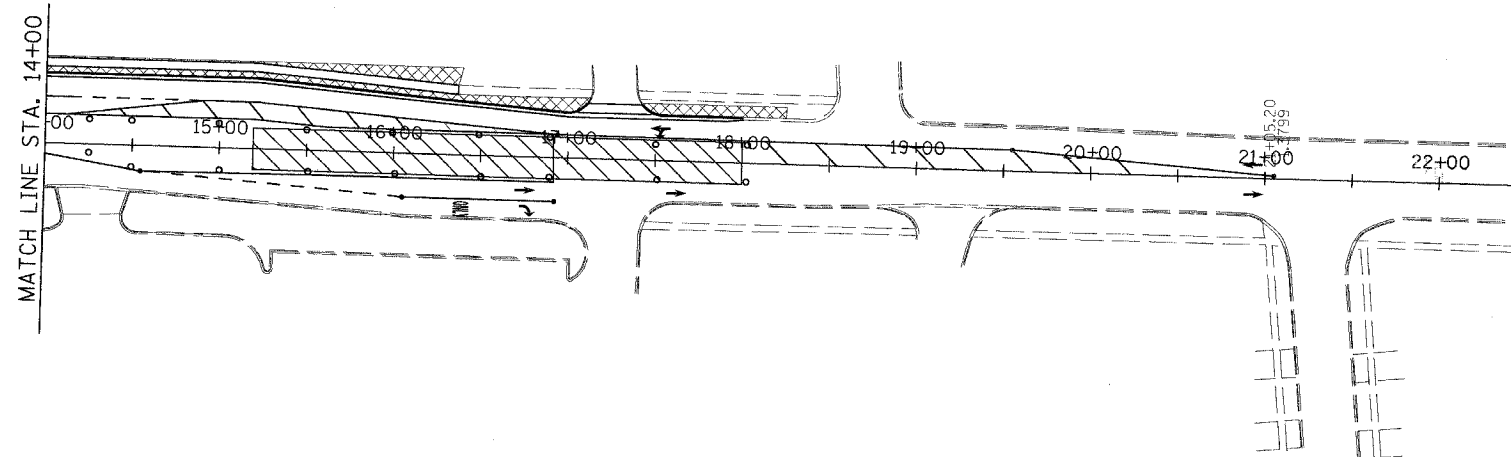
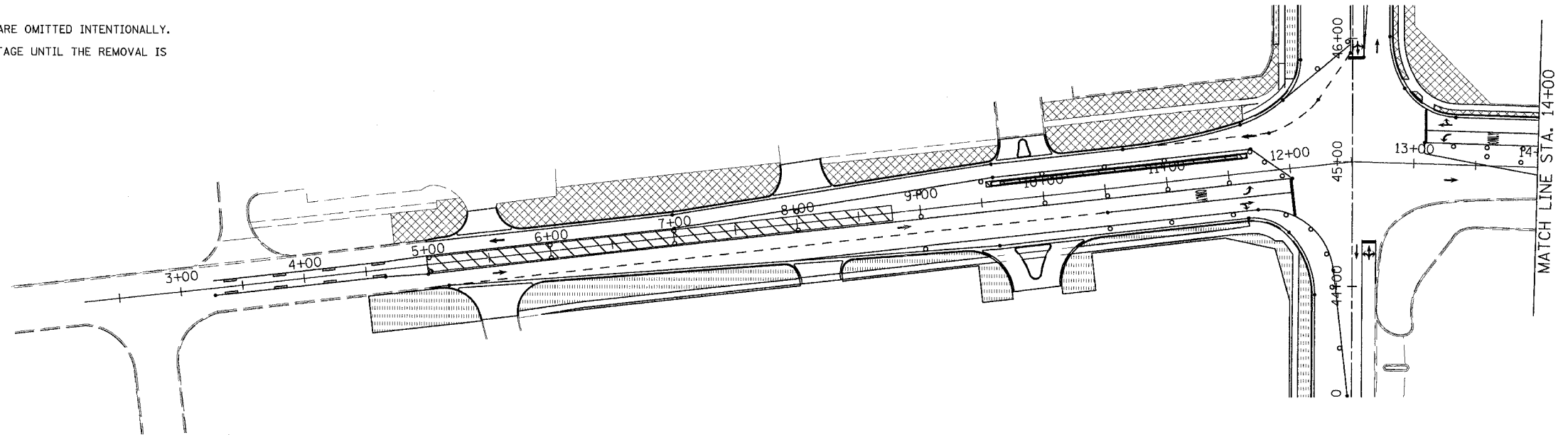
CONTRACT NO. 83737

F.A.J. RTE.-	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	69
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
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5. MAINTAIN THE PROTECTION MEASURES FROM THE PREVIOUS STAGE UNTIL THE REMOVAL IS ABSOLUTELY NECESSARY.



FOR EROSION CONTROL PLAN
LEGEND SEE SHEET NO 51.

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

REVISIONS	
NAME	DATE

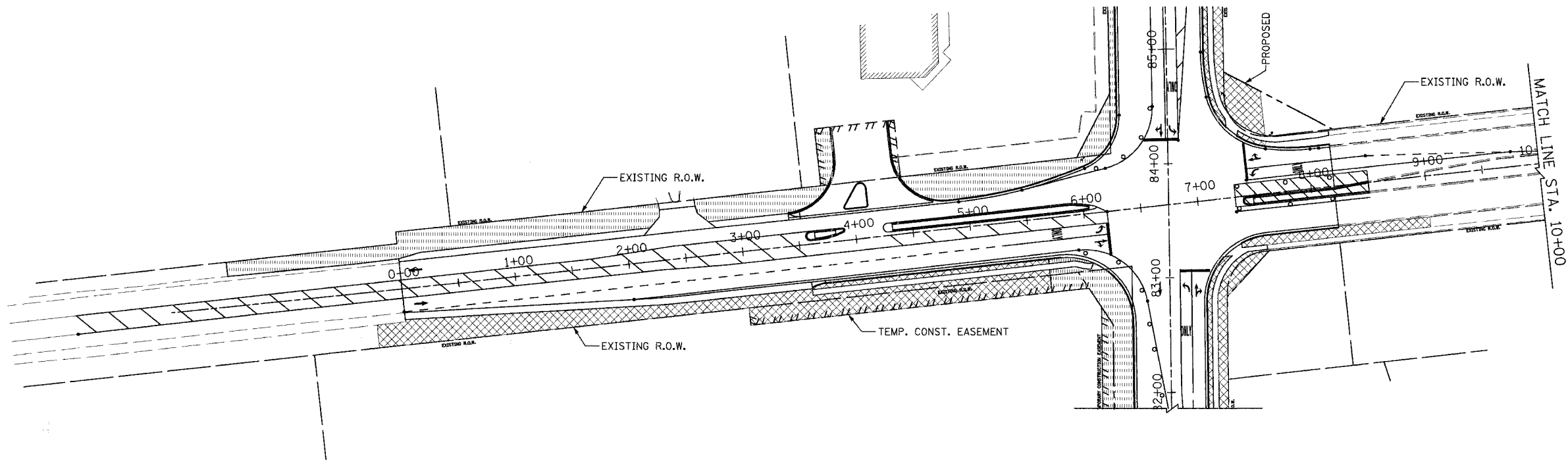
McLEAN BOULEVARD
EROSION CONTROL PLANS
SPRING STREET
STAGE III

SCALE:
DATE 04/06/2007

DRAWN BY
CHECKED BY

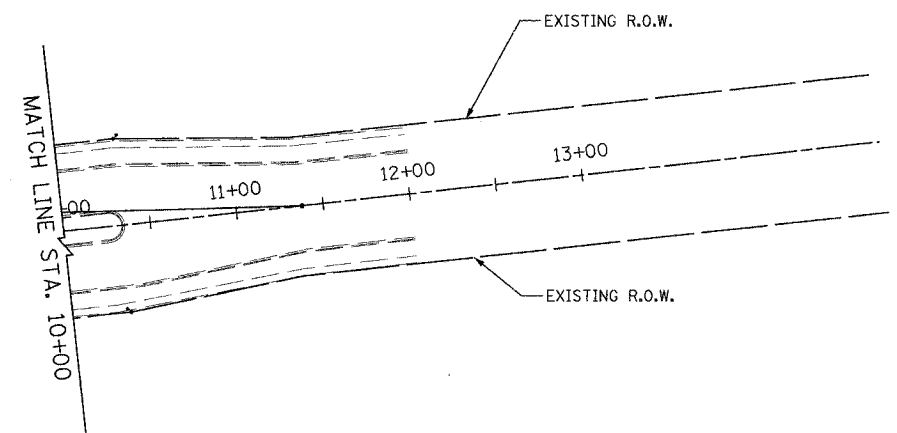
CONTRACT NO. 83737

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	70
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



NOTES:

1. THE RESIDENT ENGINEER SHALL HAVE THE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER
2. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION REGARDING THE SEQUENCE OF CONSTRUCTION.
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FOR EROSION CONTROL PLAN
LEGEND, SEE SHEET NO 51.

URS 100 SOUTH WACKER DRIVE
SUITE 500 TEL (312) 939-1000
CHICAGO, IL 60606 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD
EROSION CONTROL PLANS
BOWES ROAD
STAGE III

SCALE:
DATE 04/06/2007

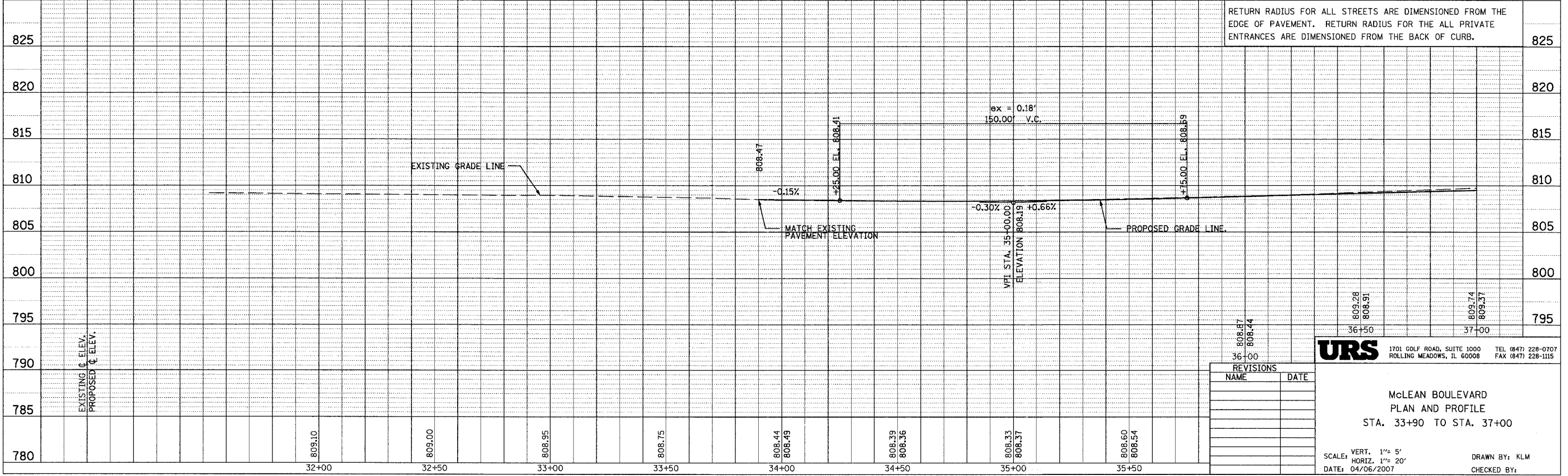
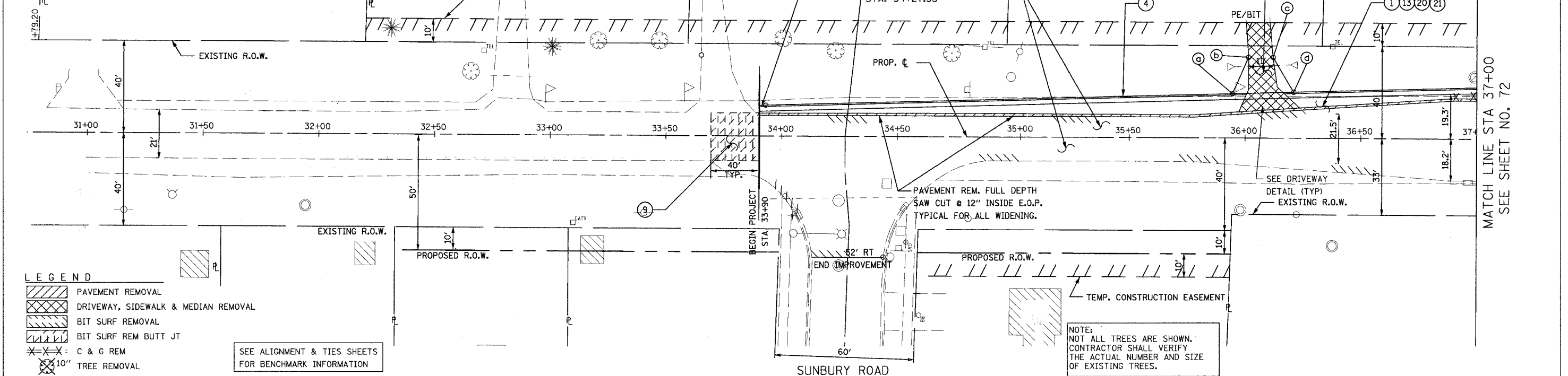
DRAWN BY
CHECKED BY

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509196-00094-01-WR		KANE	187	71
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- ITEM DESCRIPTIONS**
- | | | | |
|-------------------------------|-------------------------------|----------------------------|--------------------|
| ① HMA SURF. CSE. 2" | ⑨ HMA SURF REM BUTT JT | ⑰ INCIDENTAL HMA SURFACING | ⑳ HMA SHOULDERS 8" |
| ② HMA BIND IL-19.0 N70 1 1/4" | ⑩ HMA SURF REM VAR DP | ⑱ AGGREGATE SHLDS B, 6" | |
| ③ AGG SUBGRADE 12" | ⑪ CLASS SI CONC OUTLET | ⑲ HMA MEDIAN SURF | |
| ④ COMB CC&G TB-6.24 | ⑫ HMA BASE CSE 8" | ⑳ SUB GRAN MAT 4" | |
| ⑤ COMB CC&G TB-6.12 | ⑬ HMA BIND IL-19.0 N70 2 1/4" | ㉑ HMA BASE CSE WIDE 10" | |
| ⑥ HMA BASE CSE 6" | ⑭ CONC MED TS B-6.06 | ㉒ PCC DRIVEWAY PAVT 6" | |
| ⑦ PC CONC SIDEWALK 5" | ⑮ NOT USED | ㉓ PCC DRIVEWAY PAVT 8" | |
| ⑧ P CUL CL A 15" | ⑯ CONC MED TS B-6.12 | ㉔ CONC CURB TB | |

DRIVEWAY STA. 36+07 LT	
PT.	STATION
a	STA 35+93.54
b	STA 36+00.66
c	STA 36+12.56
d	STA 36+20.97

* FROM C TO BACK OF CURB



REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 ROLLING MEADOWS, IL 60008 TEL (847) 228-0707 FAX (847) 228-1115

**McLEAN BOULEVARD
PLAN AND PROFILE
STA. 33+90 TO STA. 37+00**

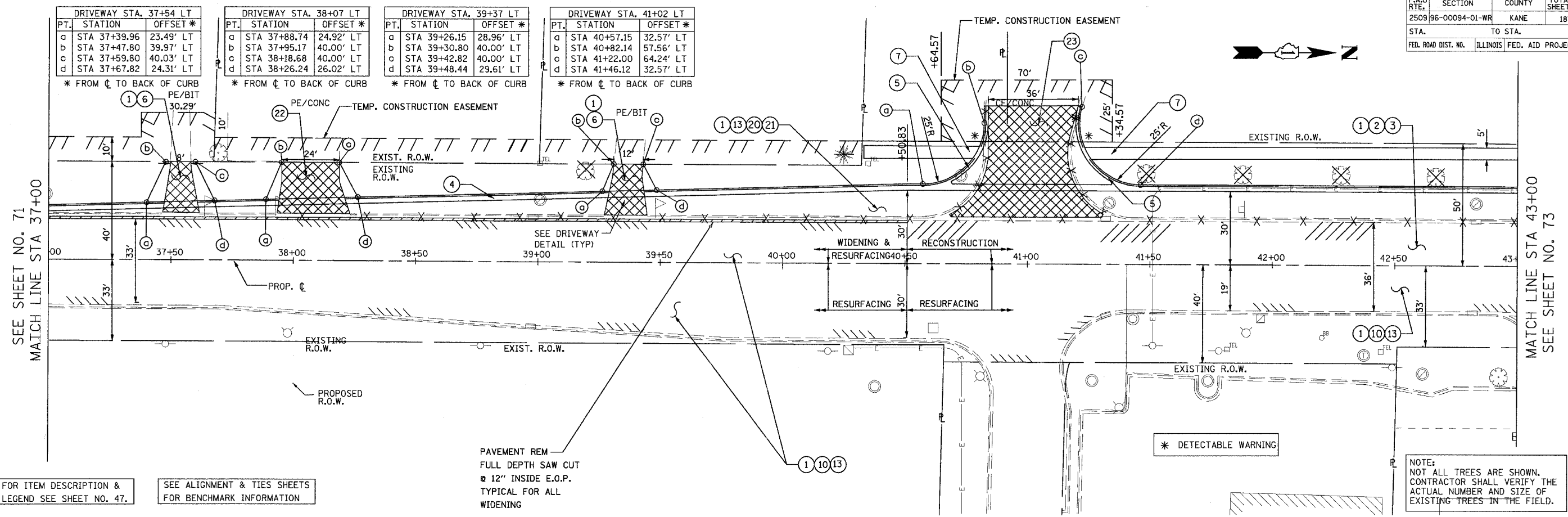
SCALE: VERT. 1"= 5'
HORIZ. 1"= 20'
DATE: 04/06/2007

DRAWN BY: KLM
CHECKED BY:

DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 NO. _____

DATE: _____ BY: _____
 PROFILE SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 NO. _____

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 NOTE BOOK NO. _____
 FILE NAME _____

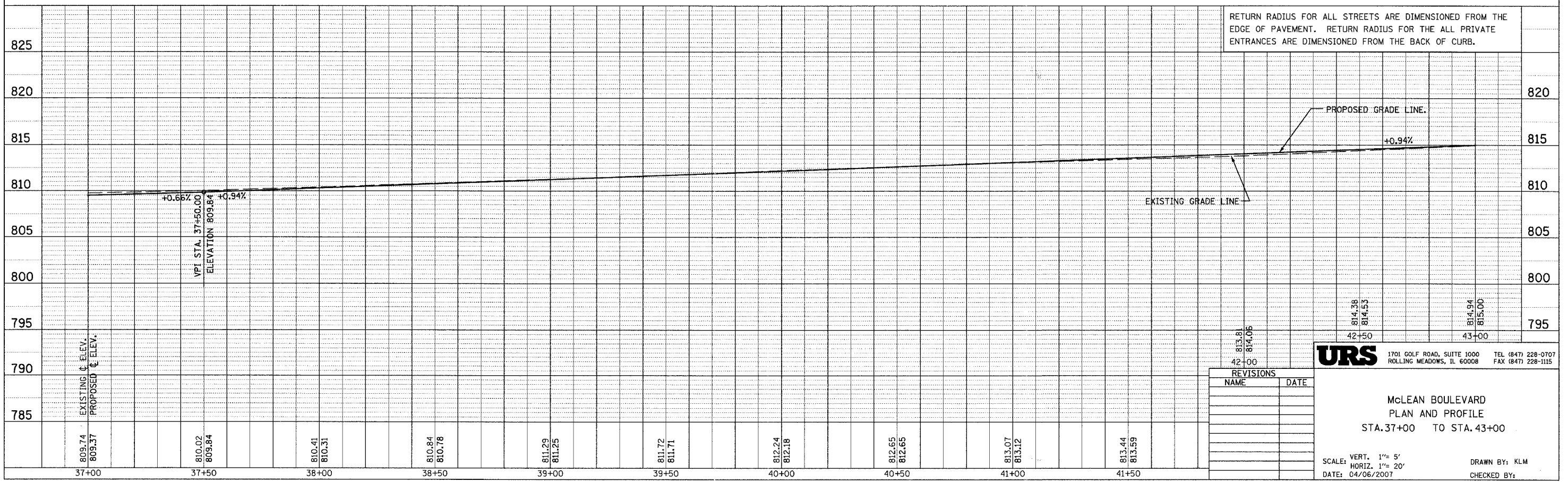


FOR ITEM DESCRIPTION & LEGEND SEE SHEET NO. 47.
 SEE ALIGNMENT & TIES SHEETS FOR BENCHMARK INFORMATION

PAVEMENT REM FULL DEPTH SAW CUT 12" INSIDE E.O.P. TYPICAL FOR ALL WIDENING

NOTE: NOT ALL TREES ARE SHOWN. CONTRACTOR SHALL VERIFY THE ACTUAL NUMBER AND SIZE OF EXISTING TREES IN THE FIELD.

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 NOTE BOOK NO. _____
 FILE NAME _____



RETURN RADIUS FOR ALL STREETS ARE DIMENSIONED FROM THE EDGE OF PAVEMENT. RETURN RADIUS FOR THE ALL PRIVATE ENTRANCES ARE DIMENSIONED FROM THE BACK OF CURB.

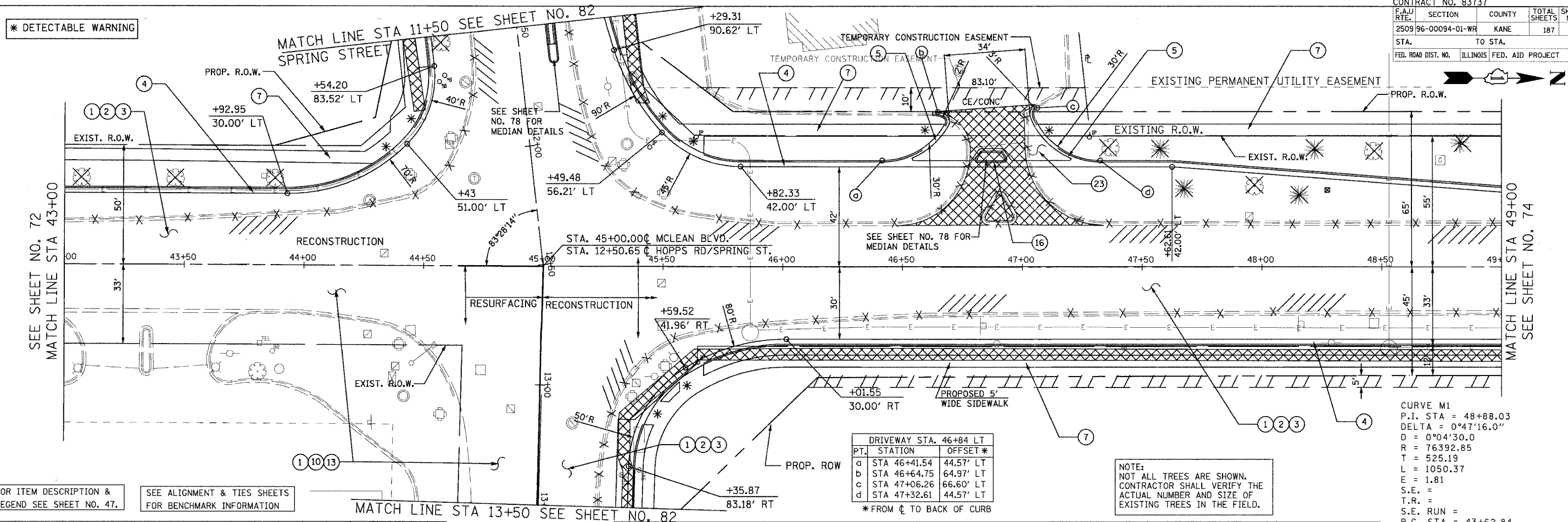
REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

MCLEAN BOULEVARD
 PLAN AND PROFILE
 STA. 37+00 TO STA. 43+00

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 20'
 DATE: 04/06/2007
 DRAWN BY: KLM
 CHECKED BY: _____

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
250996-00094-01-WR		KANE	187	73
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



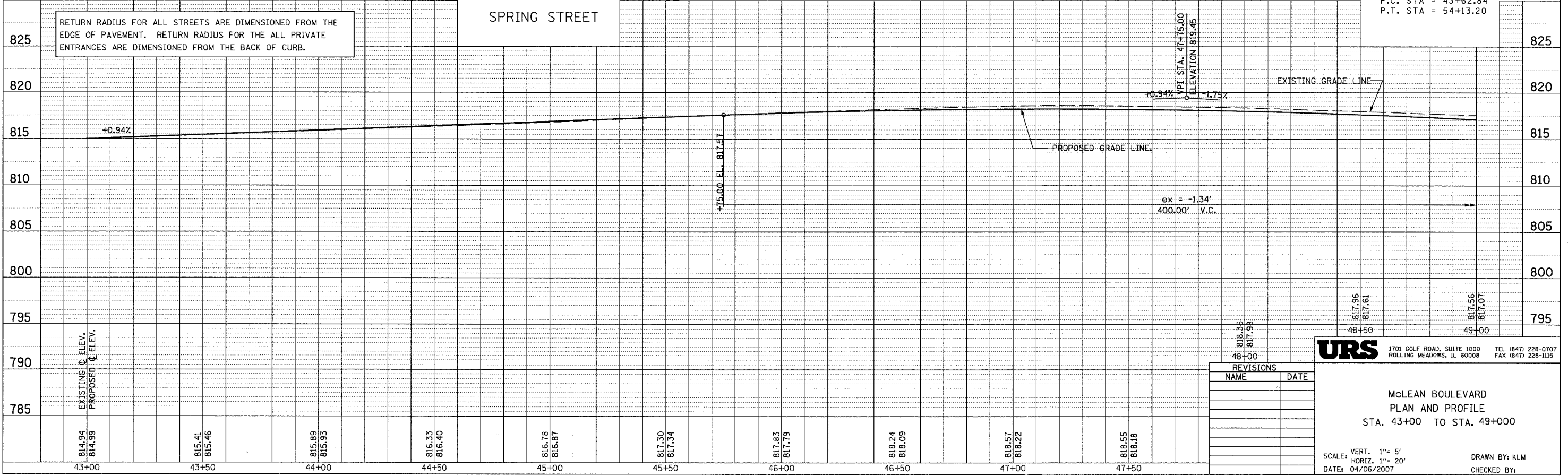
CURVE M1
P.I. STA = 48+88.03
DELTA = 0°47'16.0"
D = 0°04'30.0"
R = 76392.85
T = 525.19
L = 1050.37
E = 1.81
S.E. =
T.R. =
S.E. RUN =
P.C. STA = 43+62.84
P.T. STA = 54+13.20

PT.	STATION	OFFSET *
a	STA 46+41.54	44.57' LT
b	STA 46+64.75	64.97' LT
c	STA 47+06.26	66.60' LT
d	STA 47+32.61	44.57' LT

* FROM C TO BACK OF CURB

NOTE:
NOT ALL TREES ARE SHOWN.
CONTRACTOR SHALL VERIFY THE
ACTUAL NUMBER AND SIZE OF
EXISTING TREES IN THE FIELD.

FOR ITEM DESCRIPTION & LEGEND SEE SHEET NO. 47.
SEE ALIGNMENT & TIES SHEETS FOR BENCHMARK INFORMATION



URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

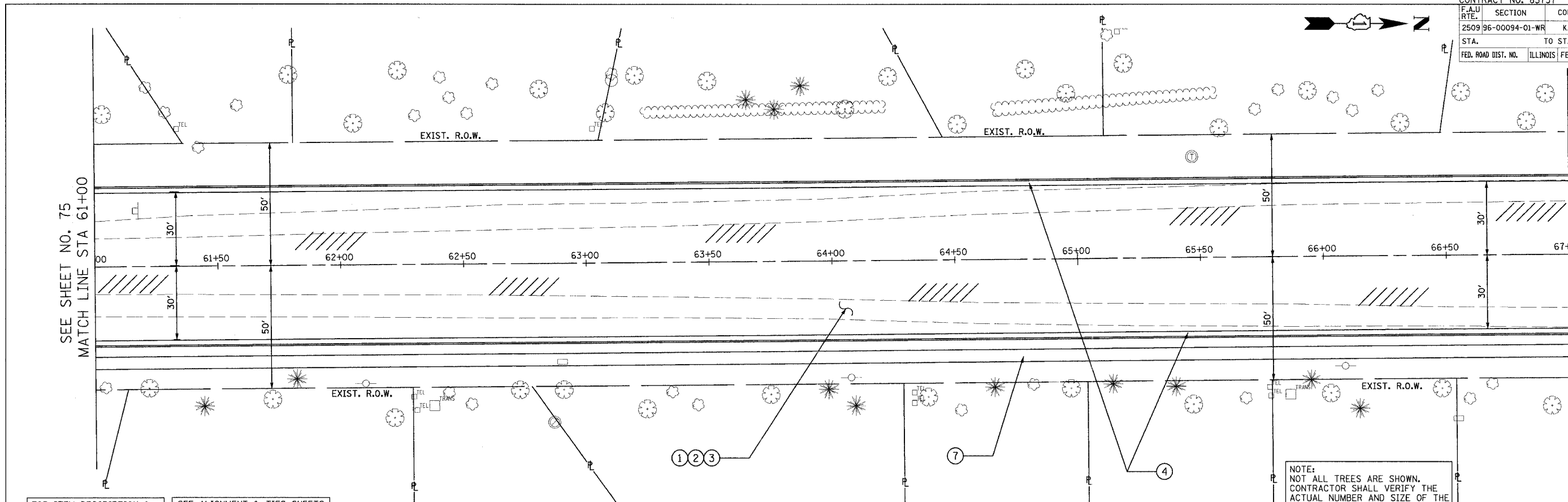
McLEAN BOULEVARD
PLAN AND PROFILE
STA. 43+00 TO STA. 49+000

SCALE: VERT. 1" = 5'
HORIZ. 1" = 20'
DATE: 04/06/2007
DRAWN BY: KLM
CHECKED BY:

PLAN	DATE
BY	
DATE	
BY	
DATE	
BY	
DATE	

PROFILE	DATE
BY	
DATE	
BY	
DATE	
BY	
DATE	

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509 96-00094-01-WR	KANE	ILLINOIS	187	76
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

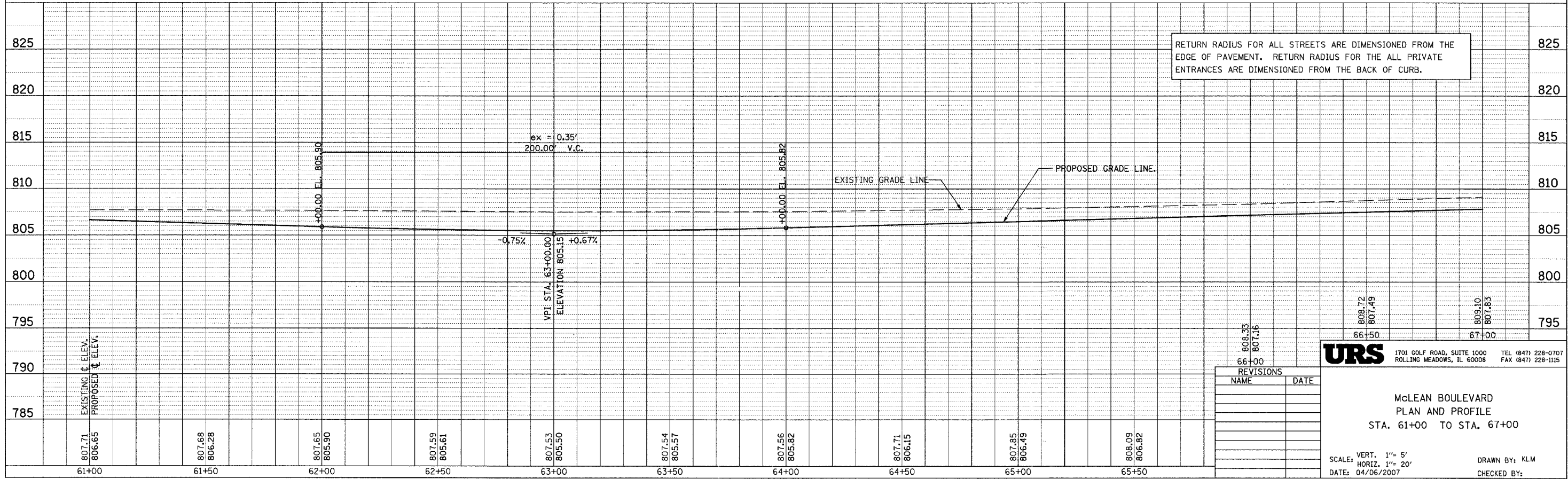


FOR ITEM DESCRIPTION & LEGEND SEE SHEET NO. 47.

SEE ALIGNMENT & TIES SHEETS FOR BENCHMARK INFORMATION

NOTE:
NOT ALL TREES ARE SHOWN.
CONTRACTOR SHALL VERIFY THE
ACTUAL NUMBER AND SIZE OF THE
EXISTING TREES IN THE FIELD.

PLAN	DATE
BY	
NO.	
FILE NAME	
NO.	
FILE NAME	



RETURN RADIUS FOR ALL STREETS ARE DIMENSIONED FROM THE EDGE OF PAVEMENT. RETURN RADIUS FOR THE ALL PRIVATE ENTRANCES ARE DIMENSIONED FROM THE BACK OF CURB.

PROFILE	DATE
BY	
NO.	
FILE NAME	
NO.	
FILE NAME	

808.33	807.16	808.72	807.49	809.10	807.85
66+50	67+00	66+50	67+00	66+50	67+00

URS 1701 GOLF ROAD, SUITE 1000 ROLLING MEADOWS, IL 60008 TEL (847) 228-0707 FAX (847) 228-1115

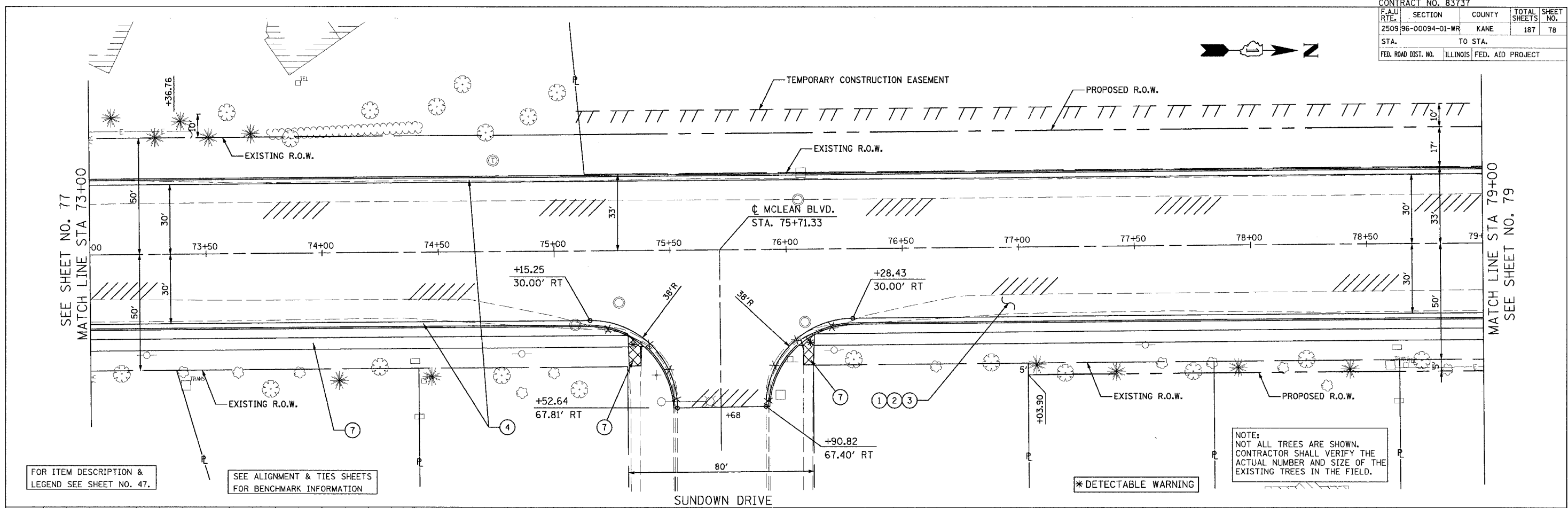
**McLEAN BOULEVARD
PLAN AND PROFILE
STA. 61+00 TO STA. 67+00**

SCALE: VERT. 1"= 5'
HORIZ. 1"= 20'
DATE: 04/06/2007

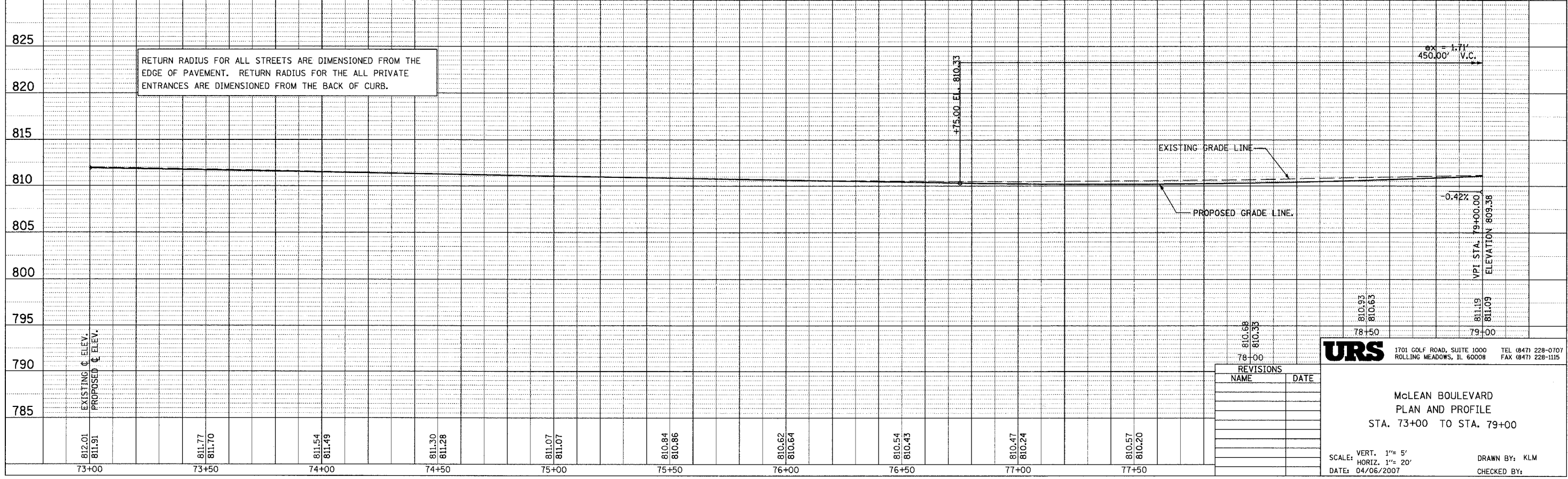
DRAWN BY: KLM
CHECKED BY:

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509 96-00094-01-WR		KANE	187	78
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	DATE	BY
REVISIONS		
NOTED		
PLotted		
INSTRUMENTED		
BY		
NO. _____		



PROFILE	DATE	BY
REVISIONS		
NOTED		
PLotted		
INSTRUMENTED		
BY		
NO. _____		



REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

**MCLEAN BOULEVARD
 PLAN AND PROFILE
 STA. 73+00 TO STA. 79+00**

SCALE: VERT. 1"= 5'
 HORIZ. 1"= 20'
 DATE: 04/06/2007 DRAWN BY: KLM
 CHECKED BY:

FOR ITEM DESCRIPTION & LEGEND SEE SHEET NO. 47.

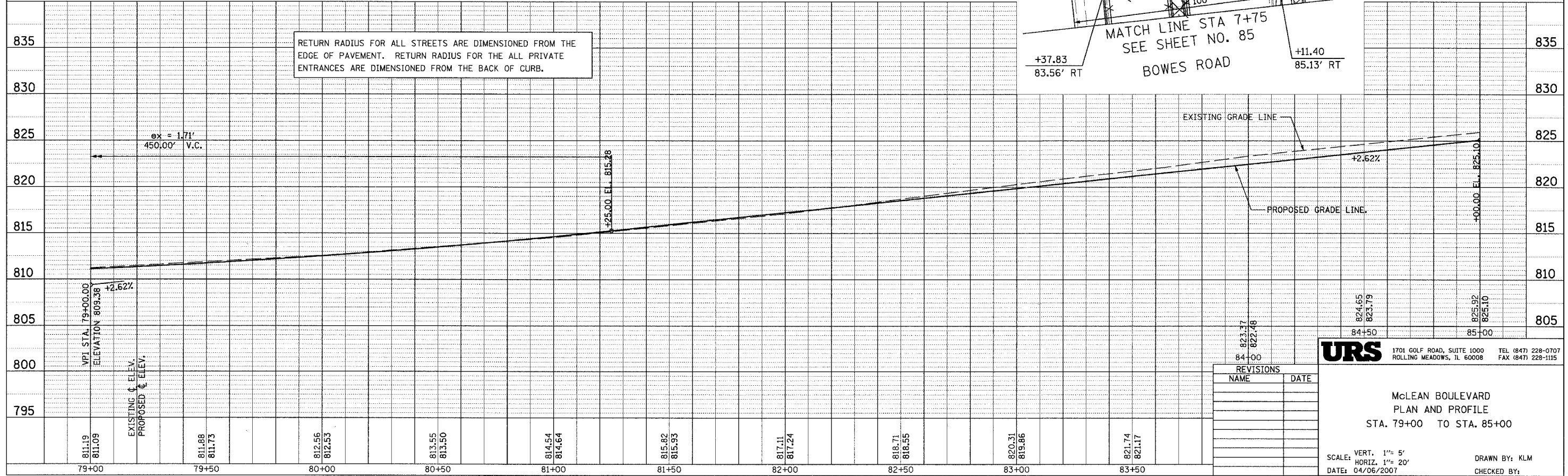
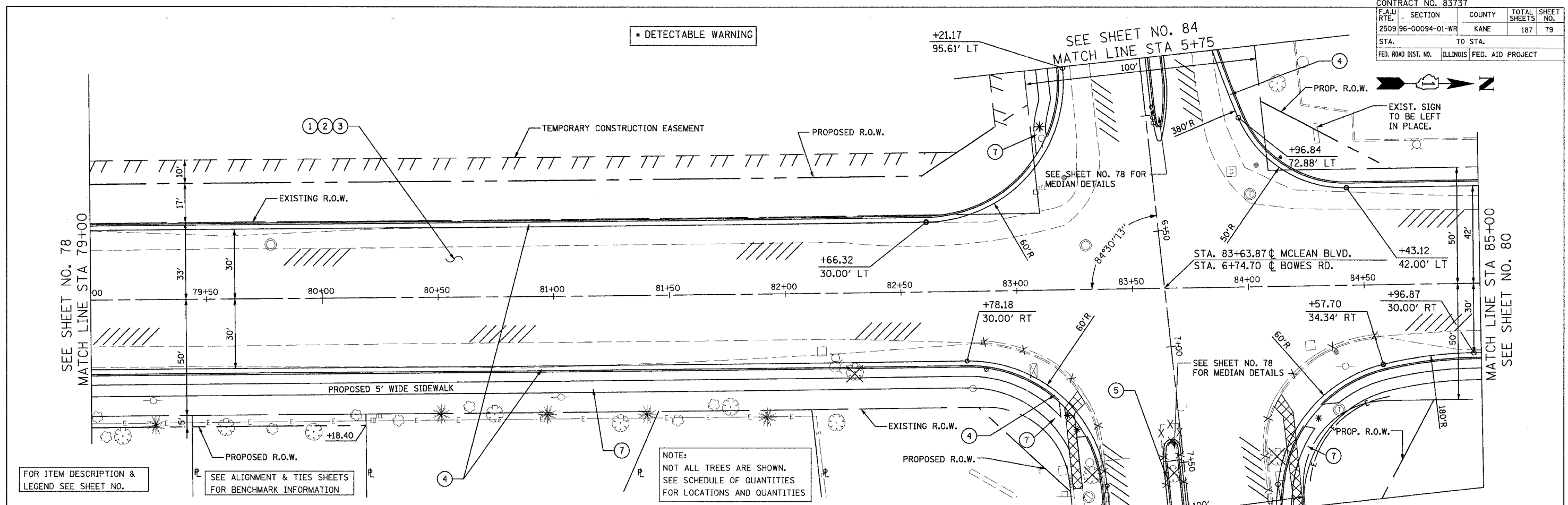
SEE ALIGNMENT & TIES SHEETS FOR BENCHMARK INFORMATION

RETURN RADIUS FOR ALL STREETS ARE DIMENSIONED FROM THE EDGE OF PAVEMENT. RETURN RADIUS FOR THE ALL PRIVATE ENTRANCES ARE DIMENSIONED FROM THE BACK OF CURB.

NOTE: NOT ALL TREES ARE SHOWN. CONTRACTOR SHALL VERIFY THE ACTUAL NUMBER AND SIZE OF THE EXISTING TREES IN THE FIELD.

CONTRACT NO. 83737			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
2509	96-00094-01-WR	KANE	187 79
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

DATE	BY
PLAN	REVISIONS
NOTE BOOK	PLOTTED
NO.	ALIGNMENT CHECKED
	PAV. FILE NAME
	NO.



RETURN RADIUS FOR ALL STREETS ARE DIMENSIONED FROM THE EDGE OF PAVEMENT. RETURN RADIUS FOR THE ALL PRIVATE ENTRANCES ARE DIMENSIONED FROM THE BACK OF CURB.

NOTE:
NOT ALL TREES ARE SHOWN.
SEE SCHEDULE OF QUANTITIES
FOR LOCATIONS AND QUANTITIES

FOR ITEM DESCRIPTION & LEGEND SEE SHEET NO.

SEE ALIGNMENT & TIES SHEETS FOR BENCHMARK INFORMATION

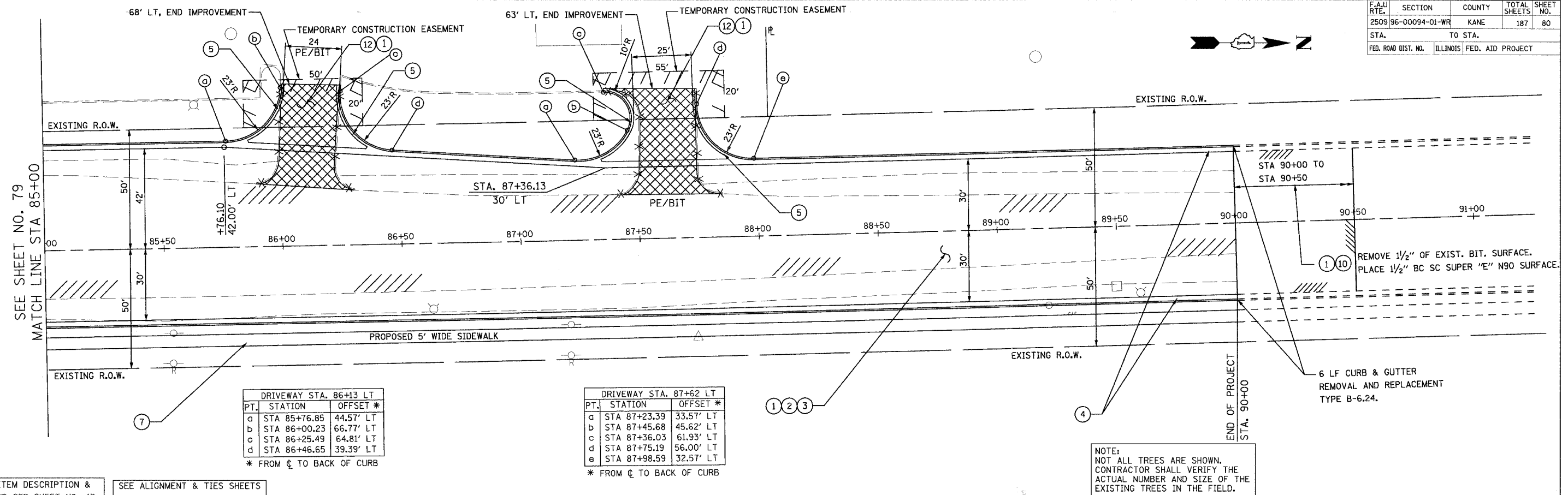
REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

McLEAN BOULEVARD
PLAN AND PROFILE
STA. 79+00 TO STA. 85+00

SCALE: VERT. 1"= 5'
HORIZ. 1"= 20'
DATE: 04/06/2007
DRAWN BY: KLM
CHECKED BY:

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509196-00094-01-WR		KANE	187	80
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DRIVEWAY STA. 86+13 LT

PT.	STATION	OFFSET *
d	STA 85+76.85	44.57' LT
b	STA 86+00.23	66.77' LT
c	STA 86+25.49	64.81' LT
d	STA 86+46.65	39.39' LT

* FROM ϕ TO BACK OF CURB

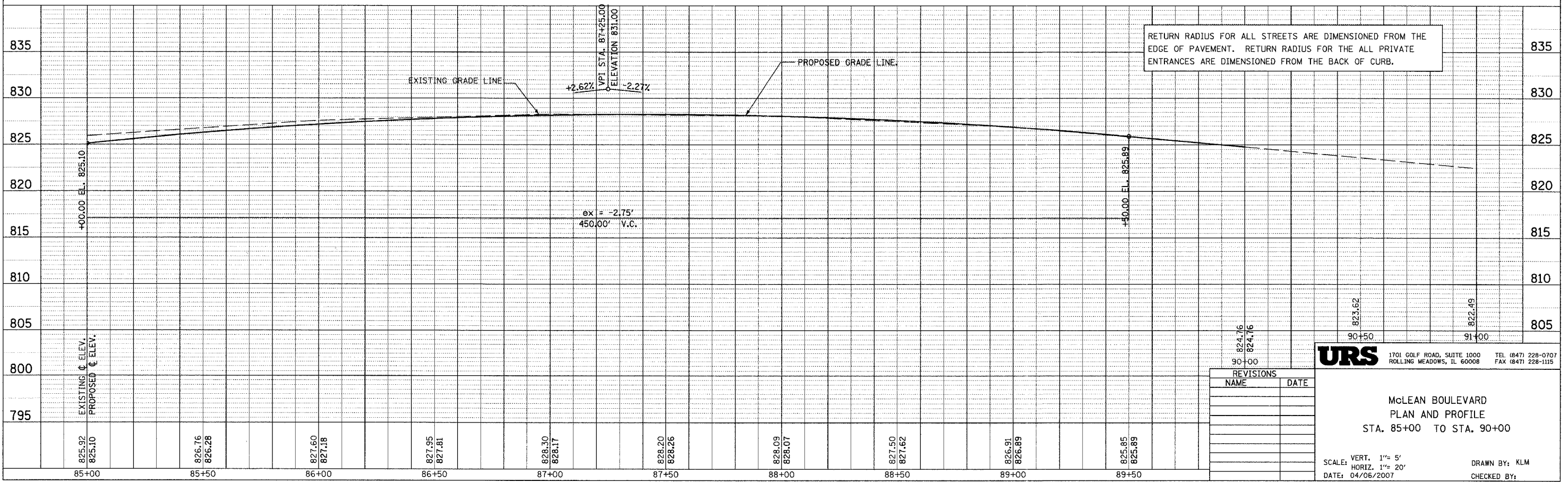
DRIVEWAY STA. 87+62 LT

PT.	STATION	OFFSET *
d	STA 87+23.39	33.57' LT
b	STA 87+45.68	45.62' LT
c	STA 87+36.03	61.93' LT
d	STA 87+75.19	56.00' LT
e	STA 87+98.59	32.57' LT

* FROM ϕ TO BACK OF CURB

NOTE:
NOT ALL TREES ARE SHOWN.
CONTRACTOR SHALL VERIFY THE
ACTUAL NUMBER AND SIZE OF THE
EXISTING TREES IN THE FIELD.

FOR ITEM DESCRIPTION & LEGEND SEE SHEET NO. 47.
SEE ALIGNMENT & TIES SHEETS FOR BENCHMARK INFORMATION



REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

McLEAN BOULEVARD
PLAN AND PROFILE
STA. 85+00 TO STA. 90+00

SCALE: VERT. 1"= 5'
HORIZ. 1"= 20'
DATE: 04/06/2007
DRAWN BY: KLM
CHECKED BY:

DATE	BY
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY
DATE	BY

DRIVEWAY STA. 5+48 LT

PT.	STATION	OFFSET *
a	STA 5+10.59	20.60' LT
b	STA 5+16.48	20.60' LT
c	STA 5+36.40	38.80' LT
d	STA 5+60.52	39.28' LT
e	STA 5+80.48	20.60' LT

* FROM CL TO BACK OF CURB

DRIVEWAY STA. 5+55 RT

PT.	STATION	OFFSET *
a	STA 5+91.98	20.08' RT
b	STA 5+37.74	45.69' RT
c	STA 5+38.23	49.00' RT
d	STA 5+68.57	49.00' RT
e	STA 5+92.57	24.12' RT

* FROM CL TO BACK OF CURB
CE/CONC

DRIVEWAY STA. 8+08 LT

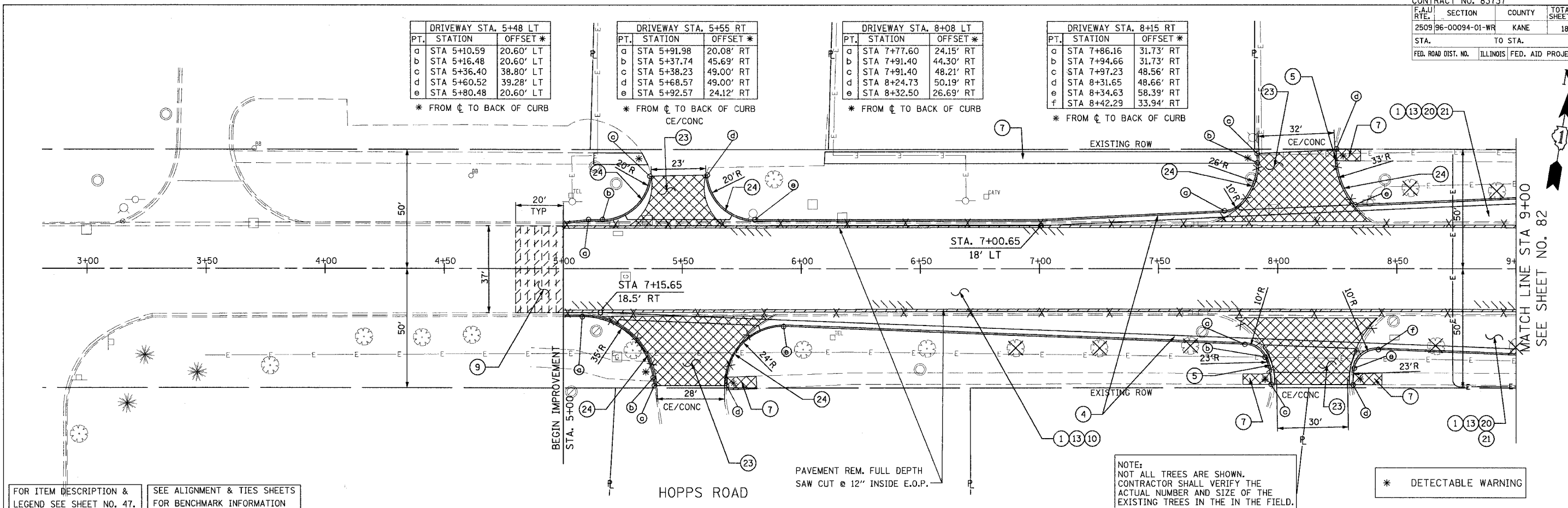
PT.	STATION	OFFSET *
a	STA 7+77.60	24.15' RT
b	STA 7+91.40	44.30' RT
c	STA 7+91.40	48.21' RT
d	STA 8+24.73	50.19' RT
e	STA 8+32.50	26.69' RT

* FROM CL TO BACK OF CURB

DRIVEWAY STA. 8+15 RT

PT.	STATION	OFFSET *
a	STA 7+86.16	31.73' RT
b	STA 7+94.66	31.73' RT
c	STA 7+97.23	48.56' RT
d	STA 8+31.65	48.66' RT
e	STA 8+34.63	58.39' RT
f	STA 8+42.29	33.94' RT

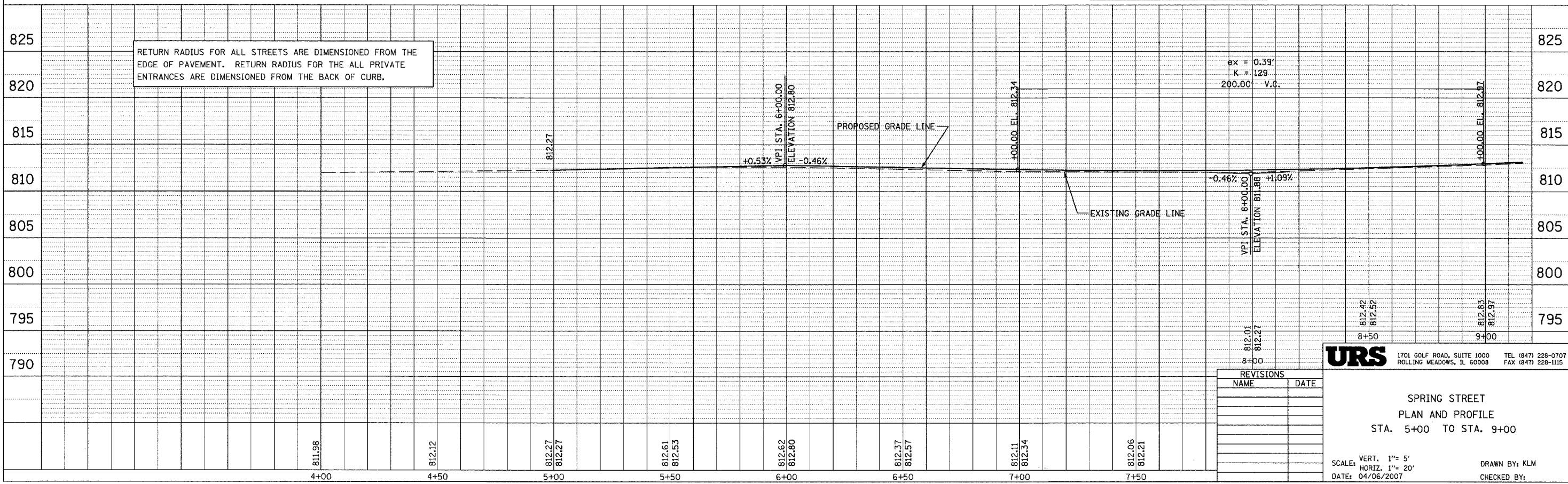
* FROM CL TO BACK OF CURB



FOR ITEM DESCRIPTION & LEGEND SEE SHEET NO. 47.
 SEE ALIGNMENT & TIES SHEETS FOR BENCHMARK INFORMATION

NOTE:
 NOT ALL TREES ARE SHOWN.
 CONTRACTOR SHALL VERIFY THE ACTUAL NUMBER AND SIZE OF THE EXISTING TREES IN THE IN THE FIELD.

* DETECTABLE WARNING



REVISIONS

NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

SPRING STREET
 PLAN AND PROFILE
 STA. 5+00 TO STA. 9+00

SCALE: VERT. 1"= 5'
 HORIZ. 1"= 20'
 DATE: 04/06/2007
 DRAWN BY: KLM
 CHECKED BY:

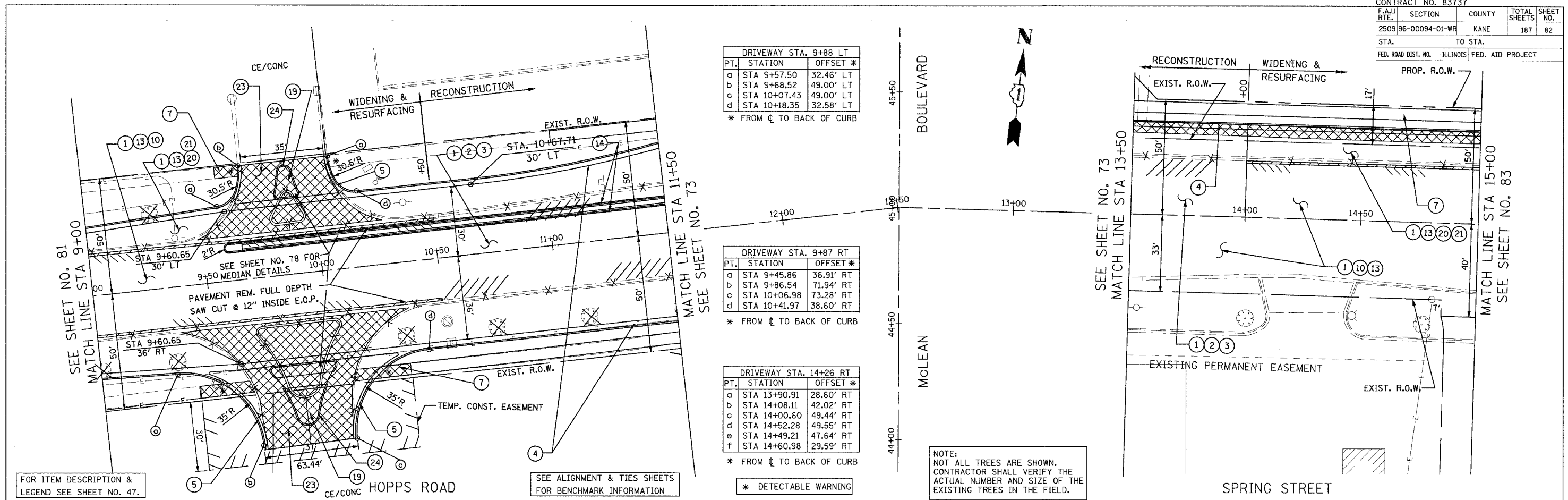
PLAN
 SURVEYED
 PLOTTED
 CHECKED
 DATE

PROFILE
 SURVEYED
 PLOTTED
 CHECKED
 DATE

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	82
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	DATE
BY	
REVISIONS	
NO.	
DESCRIPTION	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DESCRIPTION	



DRIVEWAY STA. 9+88 LT

PT.	STATION	OFFSET *
a	STA 9+57.50	32.46' LT
b	STA 9+68.52	49.00' LT
c	STA 10+07.43	49.00' LT
d	STA 10+18.35	32.58' LT

* FROM ϕ TO BACK OF CURB

DRIVEWAY STA. 9+87 RT

PT.	STATION	OFFSET *
a	STA 9+45.86	36.91' RT
b	STA 9+86.54	71.94' RT
c	STA 10+06.98	73.28' RT
d	STA 10+41.97	38.60' RT

* FROM ϕ TO BACK OF CURB

DRIVEWAY STA. 14+26 RT

PT.	STATION	OFFSET *
a	STA 13+90.91	28.60' RT
b	STA 14+08.11	42.02' RT
c	STA 14+00.60	49.44' RT
d	STA 14+52.28	49.55' RT
e	STA 14+49.21	47.64' RT
f	STA 14+60.98	29.59' RT

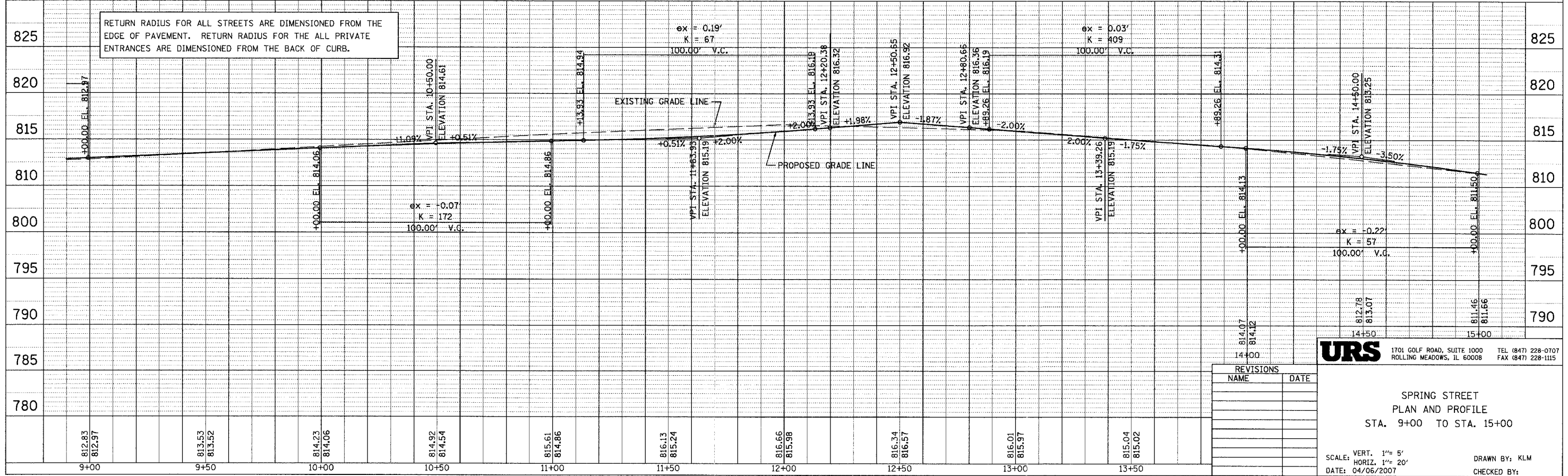
* FROM ϕ TO BACK OF CURB

NOTE:
NOT ALL TREES ARE SHOWN.
CONTRACTOR SHALL VERIFY THE
ACTUAL NUMBER AND SIZE OF THE
EXISTING TREES IN THE FIELD.

FOR ITEM DESCRIPTION &
LEGEND SEE SHEET NO. 47.

SEE ALIGNMENT & TIES SHEETS
FOR BENCHMARK INFORMATION

* DETECTABLE WARNING



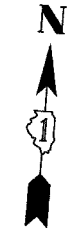
REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

SPRING STREET
PLAN AND PROFILE
STA. 9+00 TO STA. 15+00

SCALE: VERT. 1"= 5'
HORIZ. 1"= 20'
DATE: 04/06/2007
DRAWN BY: KLM
CHECKED BY:

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509/96-00094-01-WR		KANE	187	83
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

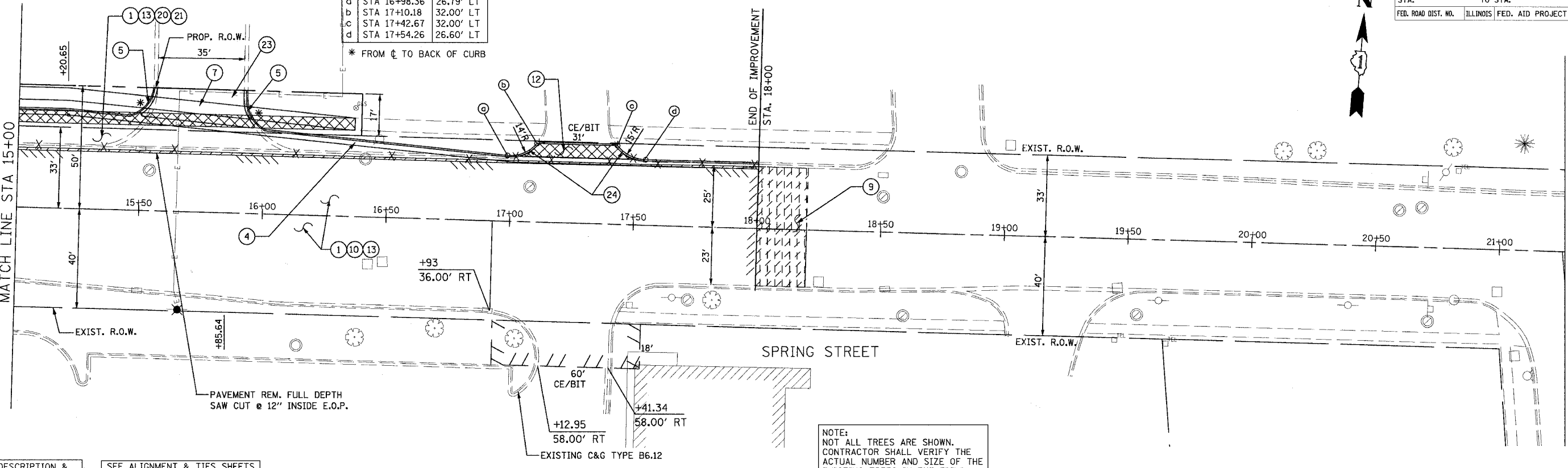


*DETECTABLE WARNING

DRIVEWAY STA. 17+25 LT		
PT.	STATION	OFFSET *
a	STA 16+98.36	26.79' LT
b	STA 17+10.18	32.00' LT
c	STA 17+42.67	32.00' LT
d	STA 17+54.26	26.60' LT

* FROM C TO BACK OF CURB

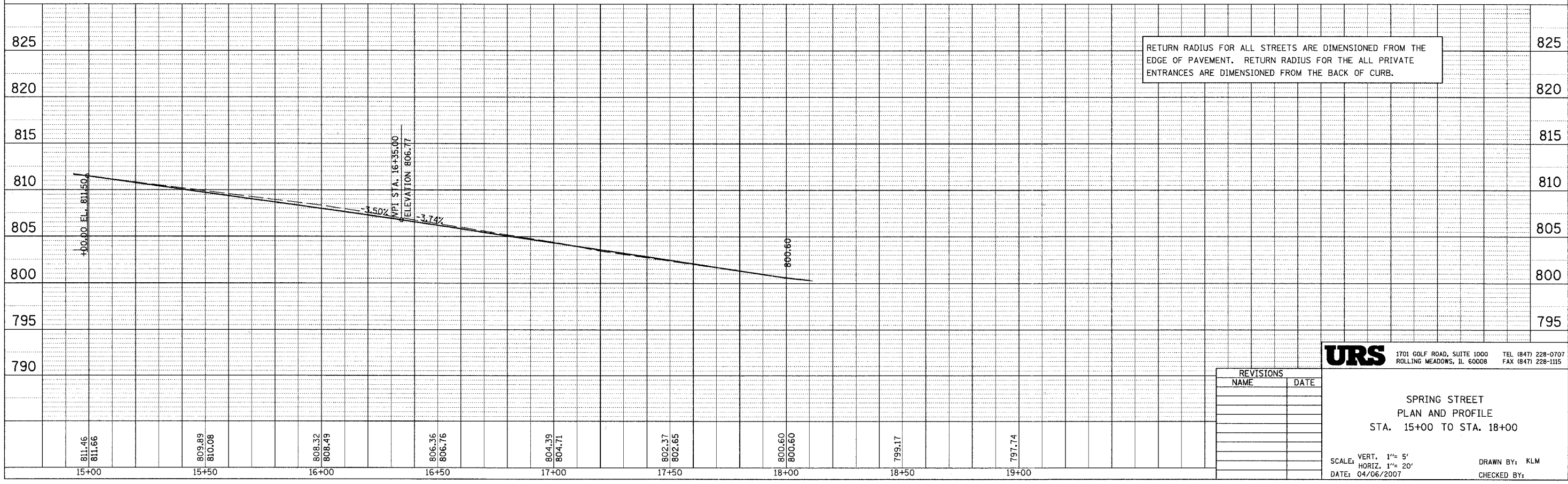
SEE SHEET NO. 82
MATCH LINE STA 15+00



NOTE:
NOT ALL TREES ARE SHOWN.
CONTRACTOR SHALL VERIFY THE
ACTUAL NUMBER AND SIZE OF THE
EXISTING TREES IN THE FIELD.

FOR ITEM DESCRIPTION &
LEGEND SEE SHEET NO. 47.

SEE ALIGNMENT & TIES SHEETS
FOR BENCHMARK INFORMATION



RETURN RADIUS FOR ALL STREETS ARE DIMENSIONED FROM THE
EDGE OF PAVEMENT. RETURN RADIUS FOR THE ALL PRIVATE
ENTRANCES ARE DIMENSIONED FROM THE BACK OF CURB.

REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

SPRING STREET
PLAN AND PROFILE
STA. 15+00 TO STA. 18+00

SCALE: VERT. 1"= 5'
HORIZ. 1"= 20'
DATE: 04/06/2007

DRAWN BY: KLM
CHECKED BY:

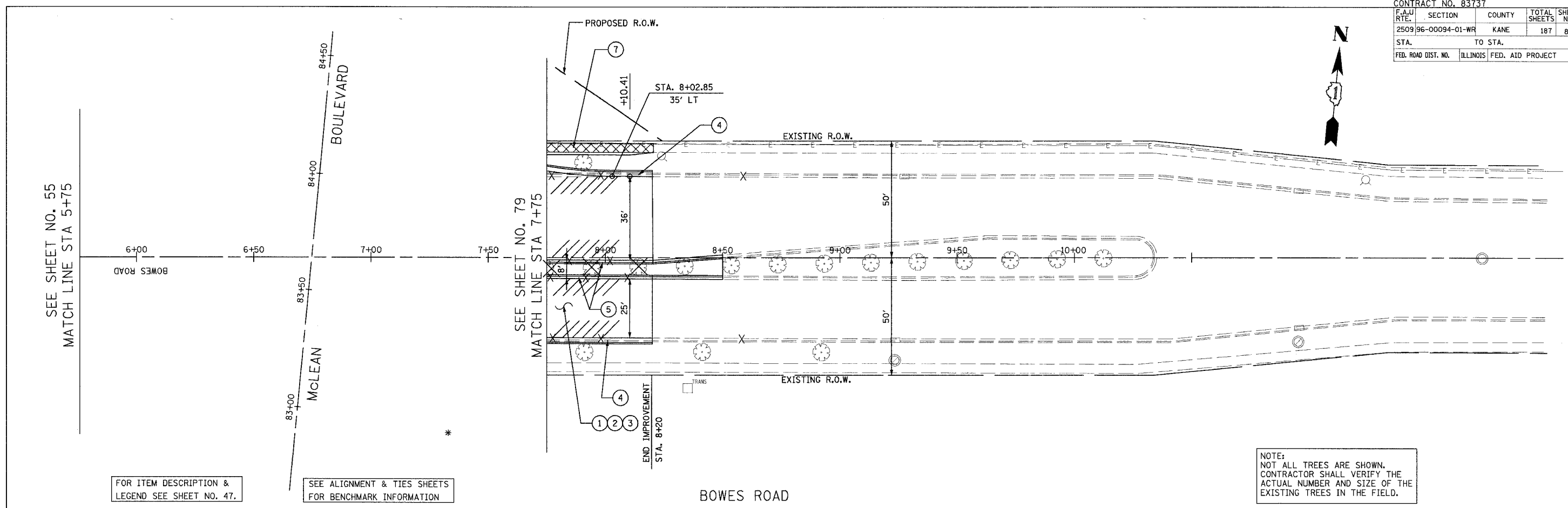
PLAN	SURVEYED	DATE
NOTE BOOK	PLotted	
NO.	BY	
	DATE	
	NO.	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLotted	
NO.	BY	
	DATE	
	NO.	

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509.96-00094-01-WR	KANE		187	85
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN	DESIGNED	DATE
NOTE BOOK	BY	
NO.		

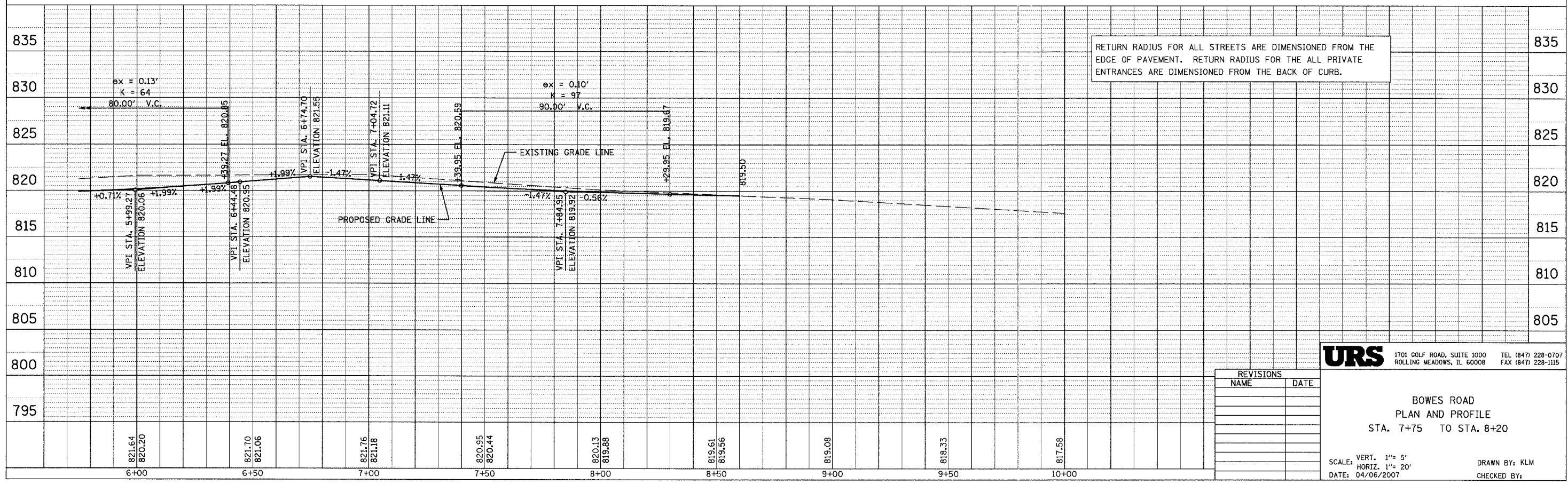


FOR ITEM DESCRIPTION & LEGEND SEE SHEET NO. 47.

SEE ALIGNMENT & TIES SHEETS FOR BENCHMARK INFORMATION

NOTE:
NOT ALL TREES ARE SHOWN.
CONTRACTOR SHALL VERIFY THE ACTUAL NUMBER AND SIZE OF THE EXISTING TREES IN THE FIELD.

PROFILE	DESIGNED	DATE
NOTE BOOK	BY	
NO.		



RETURN RADIUS FOR ALL STREETS ARE DIMENSIONED FROM THE EDGE OF PAVEMENT. RETURN RADIUS FOR THE ALL PRIVATE ENTRANCES ARE DIMENSIONED FROM THE BACK OF CURB.

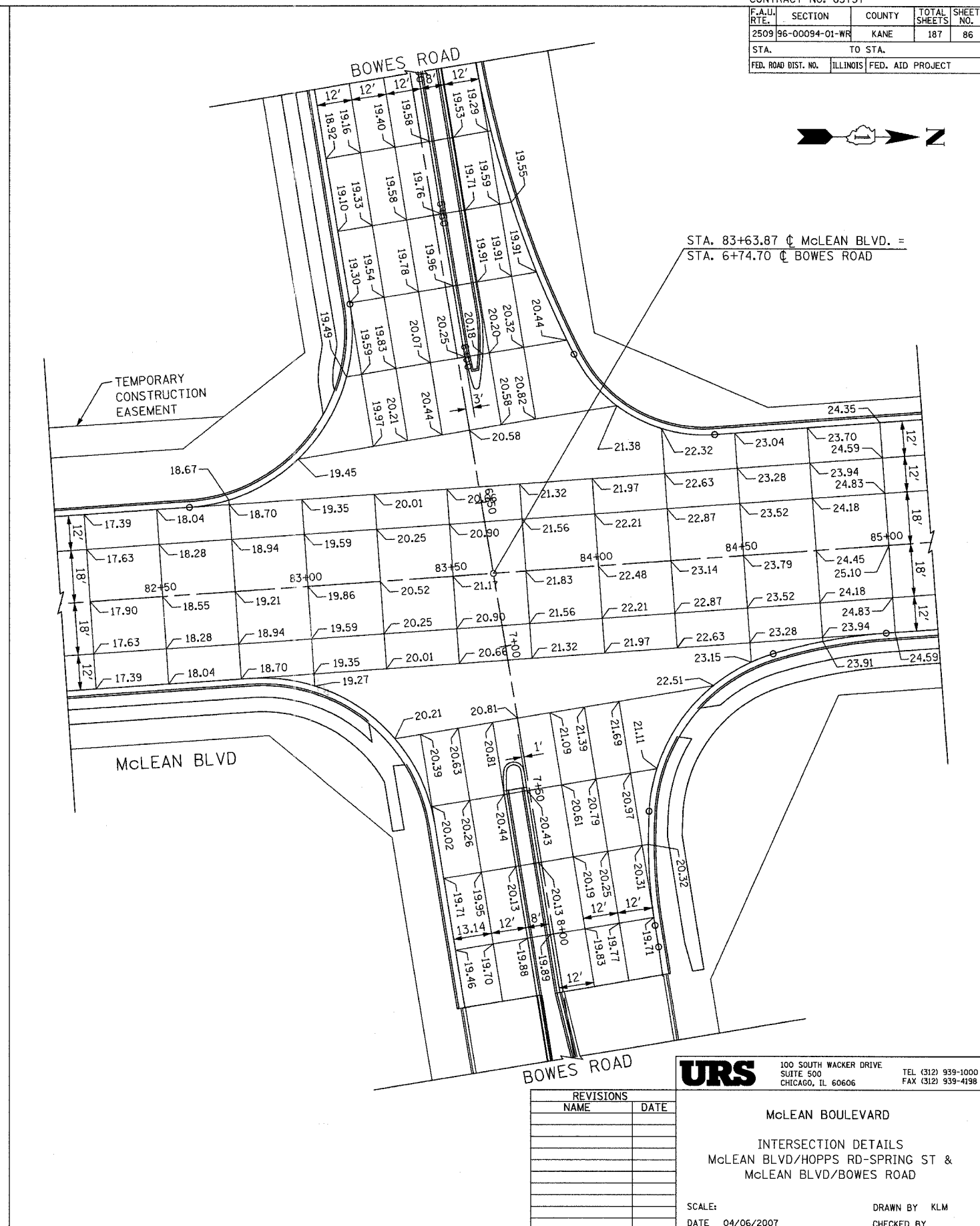
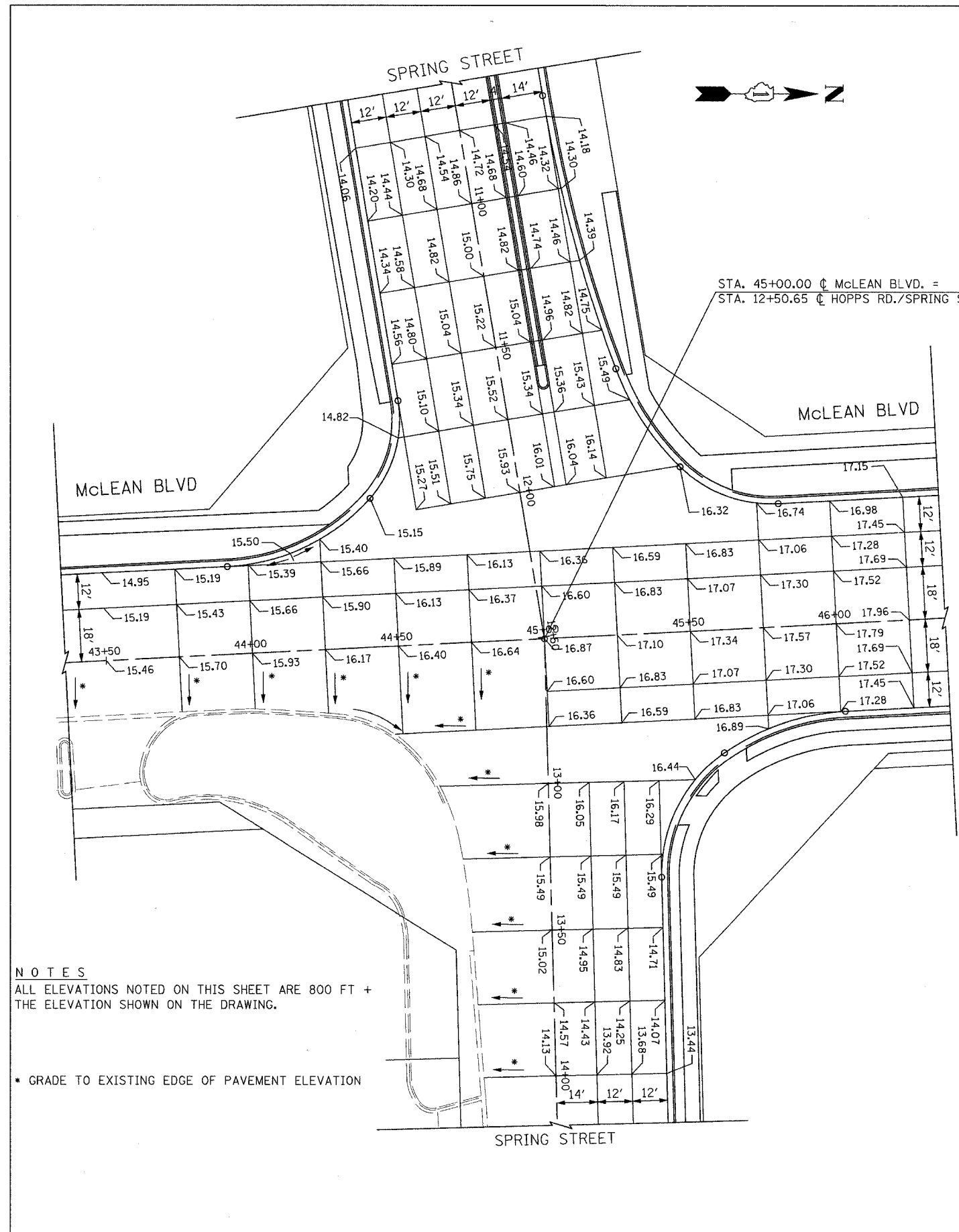
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

REVISIONS	
NAME	DATE

BOWES ROAD
PLAN AND PROFILE
STA. 7+75 TO STA. 8+20

SCALE: VERT. 1" = 5'
HORIZ. 1" = 20'
DATE: 04/06/2007
DRAWN BY: KLM
CHECKED BY:

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	86
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES
 ALL ELEVATIONS NOTED ON THIS SHEET ARE 800 FT + THE ELEVATION SHOWN ON THE DRAWING.

* GRADE TO EXISTING EDGE OF PAVEMENT ELEVATION

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE
 SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

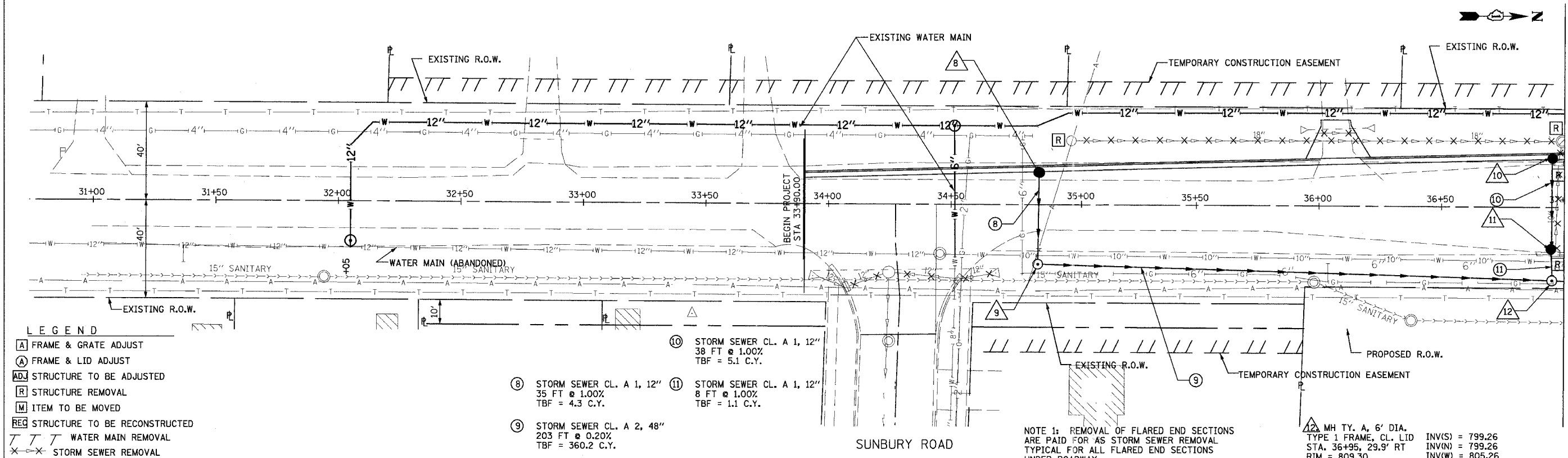
McLEAN BOULEVARD
 INTERSECTION DETAILS
 McLEAN BLVD/HOPPS RD-SPRING ST &
 McLEAN BLVD/BOWES ROAD

SCALE: DRAWN BY KLM
 DATE 04/06/2007 CHECKED BY

CONTRACT NO. 83737		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	87		
STA.	TO STA.					
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT			

- 8. CB TY. A, 4' DIA. F&G TYPE 24 STA. 34+86.05, 13.41' RT RIM = 808.15 INV(E) = 804.70
- 9. MH TY. A, 6' DIA. TYPE 1 FRAME, CL. LID STA. 34+86.05, 24.2' RT RIM = 808.10 INV(W) = 804.35 INV(N) = 799.70
- 10. CB TY. A, 4' DIA. F&G TYPE 24 STA. 36+95, 19.4' LT RIM = 809.19 INV(E) = 805.80
- 11. CB TY. A, 4' DIA. F&G TYPE 24 STA. 36+95, 18.18' RT RIM = 809.2 (EXIST. EL.) INV(WE) = 805.42
- 12. MH TY. A, 6' DIA. TYPE 1 FRAME, CL. LID STA. 36+95, 29.9' RT RIM = 809.30 INV(S) = 799.26 INV(N) = 799.26 INV(W) = 805.26

PLAN	DATE
BY	
REVISIONS	
NO.	



- LEGEND**
- [A] FRAME & GRATE ADJUST
 - [A] FRAME & LID ADJUST
 - [AD] STRUCTURE TO BE ADJUSTED
 - [R] STRUCTURE REMOVAL
 - [M] ITEM TO BE MOVED
 - [REC] STRUCTURE TO BE RECONSTRUCTED
 - WATER MAIN REMOVAL
 - STORM SEWER REMOVAL

- 10. STORM SEWER CL. A 1, 12" 38 FT @ 1.00% TBF = 5.1 C.Y.
- 11. STORM SEWER CL. A 1, 12" 8 FT @ 1.00% TBF = 1.1 C.Y.
- 8. STORM SEWER CL. A 1, 12" 35 FT @ 1.00% TBF = 4.3 C.Y.
- 9. STORM SEWER CL. A 2, 48" 203 FT @ 0.20% TBF = 360.2 C.Y.

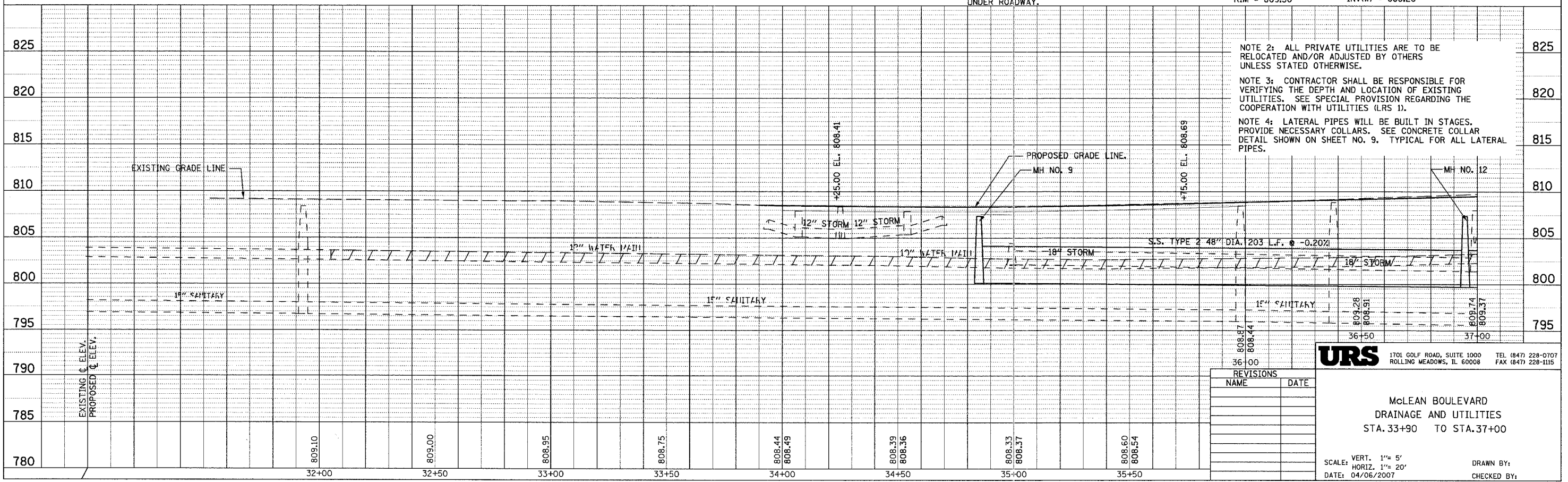
NOTE 1: REMOVAL OF FLARED END SECTIONS ARE PAID FOR AS STORM SEWER REMOVAL TYPICAL FOR ALL FLARED END SECTIONS UNDER ROADWAY.

NOTE 2: ALL PRIVATE UTILITIES ARE TO BE RELOCATED AND/OR ADJUSTED BY OTHERS UNLESS STATED OTHERWISE.

NOTE 3: CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE DEPTH AND LOCATION OF EXISTING UTILITIES. SEE SPECIAL PROVISION REGARDING THE COOPERATION WITH UTILITIES (LRS 1).

NOTE 4: LATERAL PIPES WILL BE BUILT IN STAGES. PROVIDE NECESSARY COLLARS. SEE CONCRETE COLLAR DETAIL SHOWN ON SHEET NO. 9. TYPICAL FOR ALL LATERAL PIPES.

PROFILE	DATE
BY	
REVISIONS	
NO.	



NOTE 2: ALL PRIVATE UTILITIES ARE TO BE RELOCATED AND/OR ADJUSTED BY OTHERS UNLESS STATED OTHERWISE.

NOTE 3: CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE DEPTH AND LOCATION OF EXISTING UTILITIES. SEE SPECIAL PROVISION REGARDING THE COOPERATION WITH UTILITIES (LRS 1).

NOTE 4: LATERAL PIPES WILL BE BUILT IN STAGES. PROVIDE NECESSARY COLLARS. SEE CONCRETE COLLAR DETAIL SHOWN ON SHEET NO. 9. TYPICAL FOR ALL LATERAL PIPES.

REVISIONS	
NAME	DATE

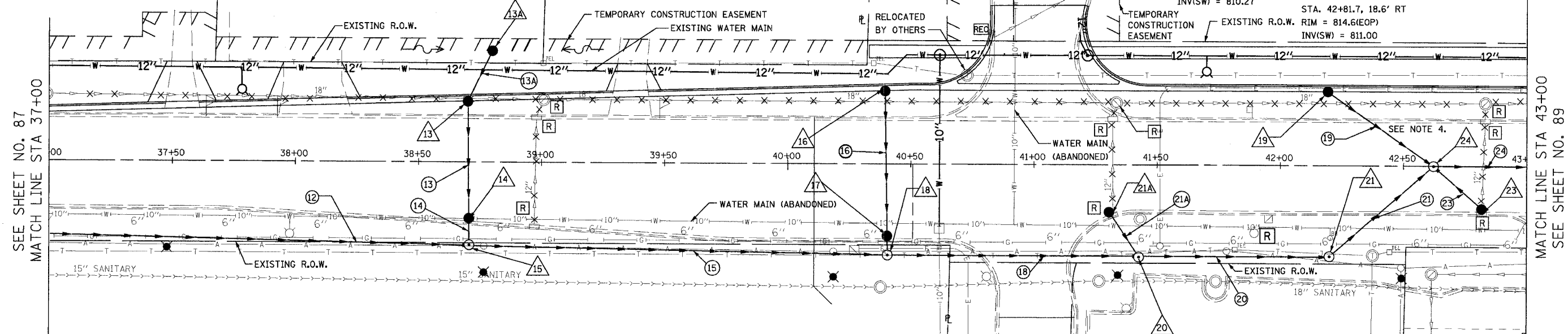
URS 1701 GOLF ROAD, SUITE 1000 ROLLING MEADOWS, IL 60008 TEL (847) 228-0707 FAX (847) 228-1115

McLEAN BOULEVARD DRAINAGE AND UTILITIES STA. 33+90 TO STA. 37+00

SCALE: VERT. 1" = 5' HORIZ. 1" = 20' DATE: 04/06/2007 DRAWN BY: CHECKED BY:

MATCH LINE STA 37+00 SEE SHEET NO. 88

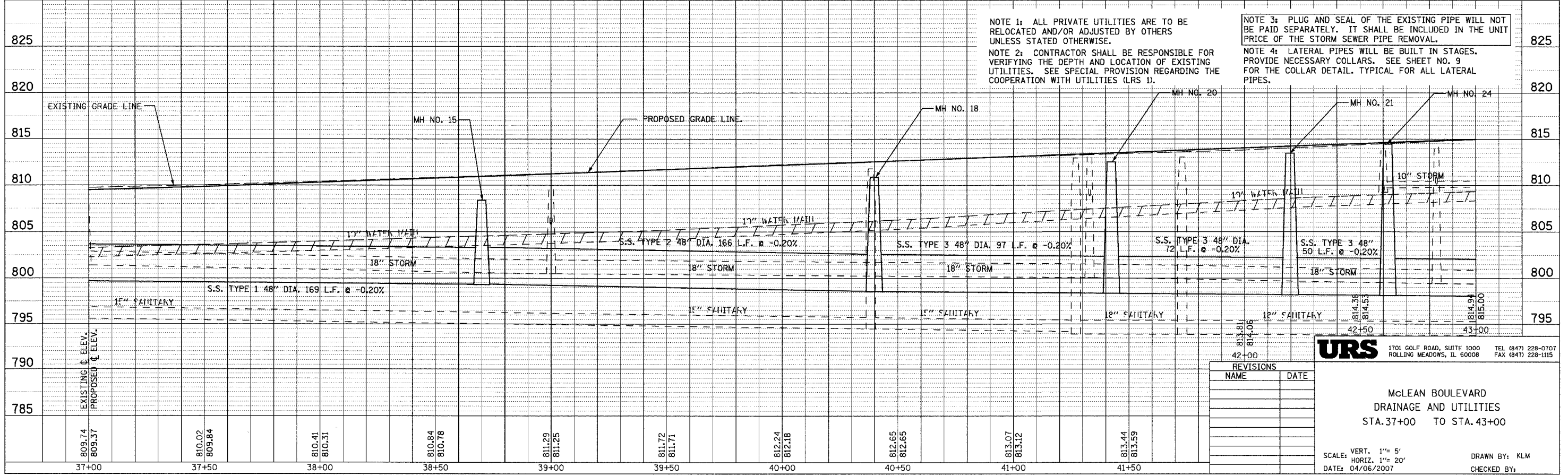
13. CB TY. A, 4' DIA. F&G TYPE 24 STA. 38+70, 24.52' LT RIM = 810.57 INV(W) = 806.02	13A. CB TY. C, 2' DIA. F&G TYPE 8 STA. 38+80, 45' LT RIM = 808.20 INV(E) = 806.10	14. CB TY. A, 4' DIA. F&G TYPE 24 STA. 38+70, 24.2' RT RIM = 810.4 (EOP) INV(W) = 805.5 INV(E) = 804.5	15. MH TY. A, 6' DIA. TYPE 1 FRAME, CL. LID STA. 38+70, 33.8' RT RIM = 808.3(EX. GROUND) INV(S) = 798.91 INV(N) = 798.91 INV(W) = 804.3	16. CB TY. A, 4' DIA. F&G TYPE 24 STA. 40+40, 30.0' LT RIM = 812.05 INV(E) = 809.05	17. CB TY. A, 4' DIA. F&G TYPE 24 STA. 40+40, 30.4' RT RIM = 811.6(EOP) INV(W) = 808.45 INV(E) = 806.92	18. MH TY. A, 6' DIA. TYPE 1 FRAME, CL. LID STA. 40+40, 37.10' RT RIM = 810.8(EX. GROUND) INV(S) = 798.57 INV(N) = 798.57 INV(W) = 806.80	20. MH TY. A, 6' DIA. TYPE 1 FRAME, CL. LID STA. 41+42.6, 37.5' RT RIM = 812.6(EX. GROUND) INV(S) = 798.38 INV(N) = 798.38 INV(SW) = 808.60	19. CB TY. A, 4' DIA. F&G TYPE 24 STA. 42+20, 30.00' LT RIM = 813.74 INV(E) = 810.75	21. MH TY. A, 7' DIA. TYPE 1 FRAME, CL. LID STA. 42+20.00, 37.1' RT RIM = 813.5(EX. GROUND) INV(S) = 798.24 INV(NW) = 798.24	24. MH TY. A, 7' DIA. TYPE 1 FRAME, CL. LID STA. 42+62.2', C/L RIM = 814.64 INV(SE) = 798.11 INV(N) = 798.11 INV(E) = 810.79 INV(SW) = 810.27	21A. CB TY. A, 4' DIA. F&G TYPE 24 STA. 41+30.5, 20.48' RT RIM = 813.00(EOP) INV(E) = 809.11 23. CB TY. A, 4' DIA. F&G TYPE 24 STA. 42+81.7, 18.6' RT RIM = 814.6(EOP) INV(SW) = 811.00
--	---	---	---	---	--	---	---	--	---	--	--



12. STORM SEWER CL. A 2, 48" 169 FT @ 0.20% TBF = 358.3 C.Y.	13A. STORM SEWER CL. A 1, 12" RG 14 FT @ 0.50% TBF = 4.3 C.Y.	15. STORM SEWER CL. A 2, 48" 164 FT @ 0.20% TBF = 424.1 C.Y.	17. STORM SEWER CL. A 1, 12" 4 FT @ 3.00% TBF = 0.8 C.Y.	19. STORM SEWER CL. A 1, 12" 47 FT @ 1.00% TBF = 7.3 C.Y.	21. STORM SEWER CL. A 3, 48" 50 FT @ 0.20% TBF = 161.6 C.Y.	23. STORM SEWER CL. A 1, 12" 21 FT @ 1.00% TBF = 3.7 C.Y.	24. STORM SEWER CL. A 3, 48" 158 FT @ 0.20% TBF = 556.0 C.Y.
13. STORM SEWER CL. A 1, 12" 44 FT @ 1.00% TBF = 1.7 C.Y.	14. STORM SEWER CL. A 1, 12" 6 FT @ 3.00% TBF = 0.8 C.Y.	16. STORM SEWER CL. A 1, 12" 61 FT @ 1.00% TBF = 7.9 C.Y.	18. STORM SEWER CL. A 3, 48" 97 FT @ 0.20% TBF = 316.1 C.Y.	20. STORM SEWER CL. A 2, 48" 72 FT @ 0.02% TBF = 234.6 C.Y.	21A. STORM SEWER CL. A 1, 12" 17 FT @ 3.00% TBF = 2.1 C.Y.		

FOR DRAINAGE AND UTILITY LEGEND SEE SHEET NO. 87.

NOTE 1: ALL PRIVATE UTILITIES ARE TO BE RELOCATED AND/OR ADJUSTED BY OTHERS UNLESS STATED OTHERWISE.
 NOTE 2: CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE DEPTH AND LOCATION OF EXISTING UTILITIES. SEE SPECIAL PROVISION REGARDING THE COOPERATION WITH UTILITIES (LRS 1).
 NOTE 3: PLUG AND SEAL OF THE EXISTING PIPE WILL NOT BE PAID SEPARATELY. IT SHALL BE INCLUDED IN THE UNIT PRICE OF THE STORM SEWER PIPE REMOVAL.
 NOTE 4: LATERAL PIPES WILL BE BUILT IN STAGES. PROVIDE NECESSARY COLLARS. SEE SHEET NO. 9 FOR THE COLLAR DETAIL. TYPICAL FOR ALL LATERAL PIPES.

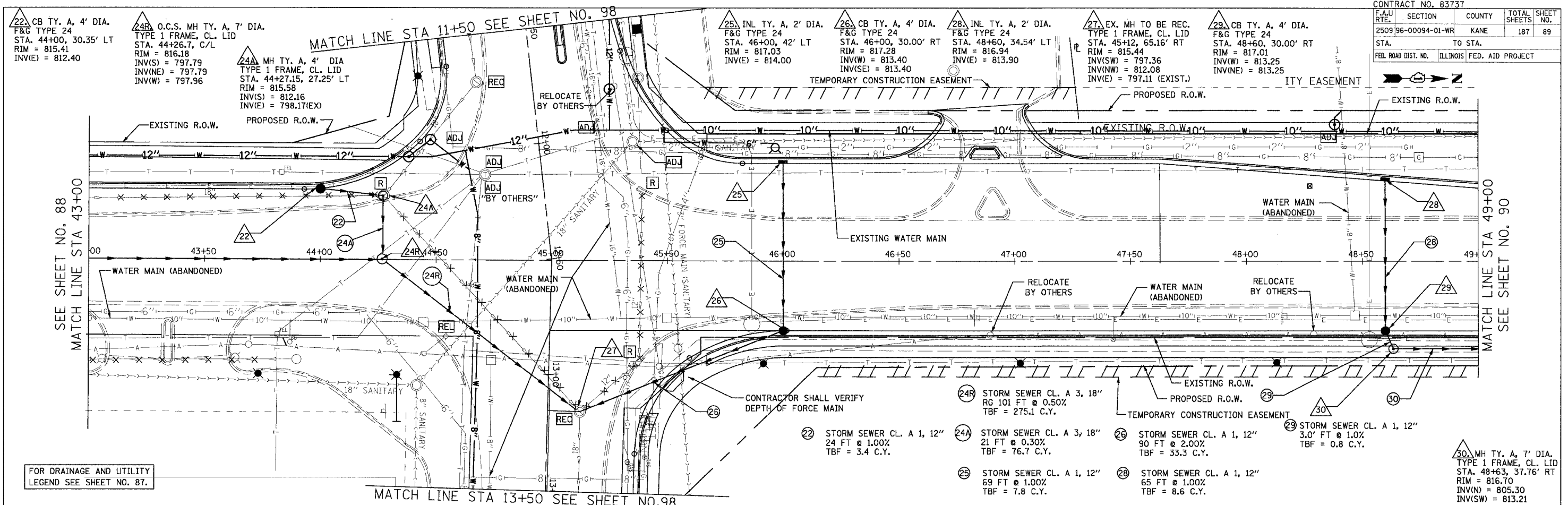


REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

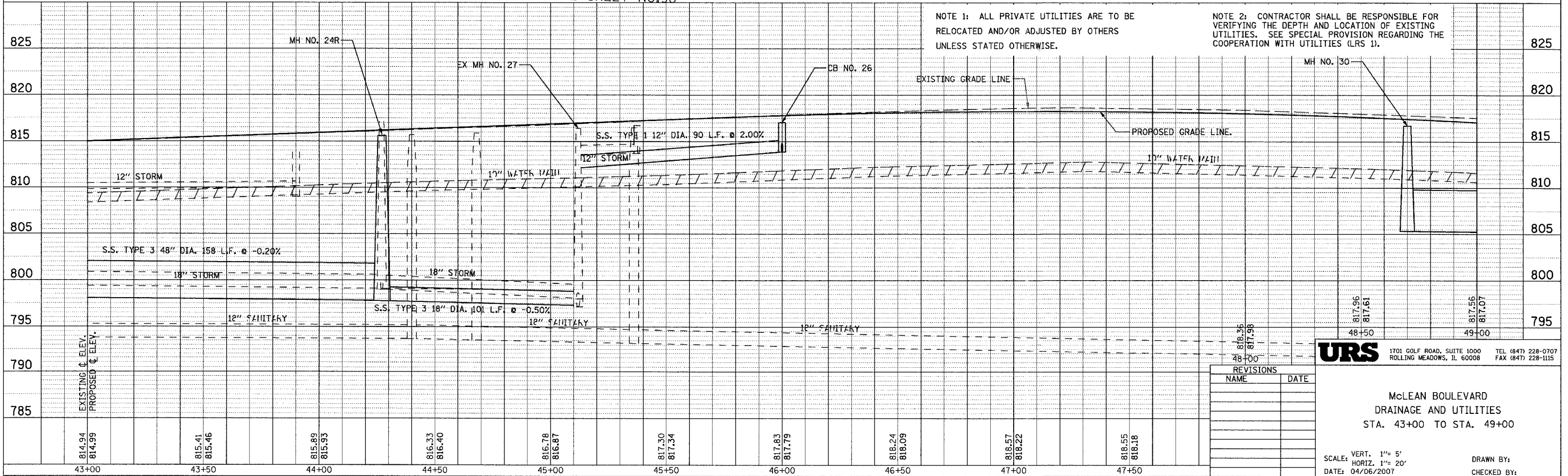
MCLEAN BOULEVARD
 DRAINAGE AND UTILITIES
 STA. 37+00 TO STA. 43+00

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 20'
 DATE: 04/06/2007
 DRAWN BY: KLM
 CHECKED BY:



PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	BY
	NOTED	BY
	NOTED	BY

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	BY
	NOTED	BY
	NOTED	BY



NOTE 1: ALL PRIVATE UTILITIES ARE TO BE RELOCATED AND/OR ADJUSTED BY OTHERS UNLESS STATED OTHERWISE.

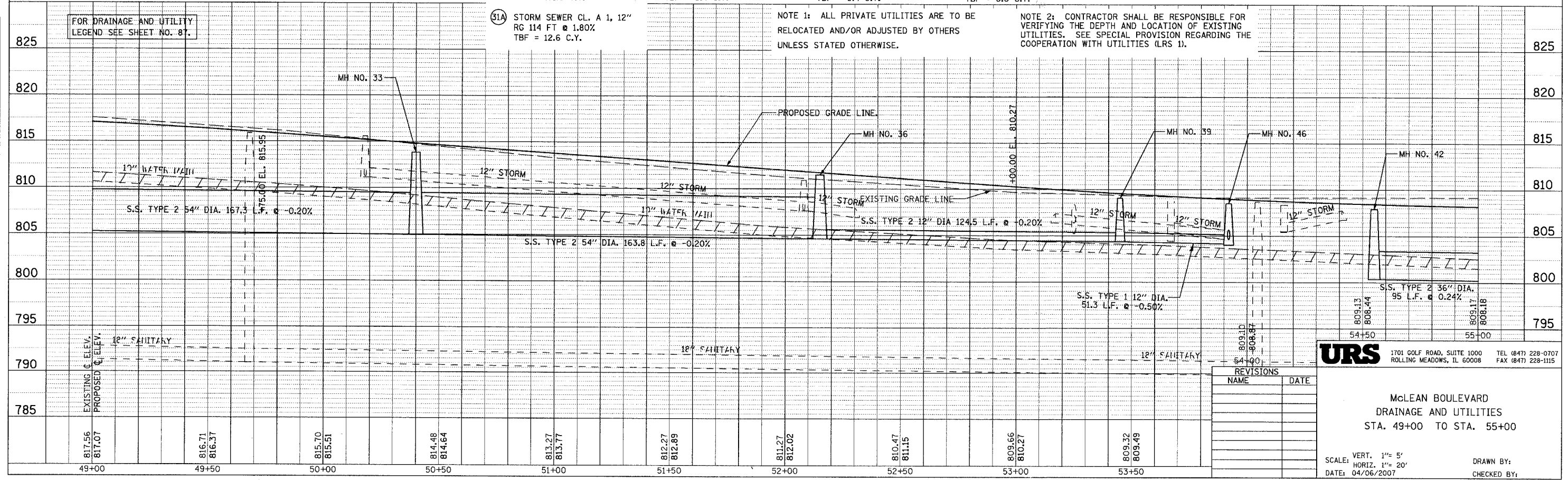
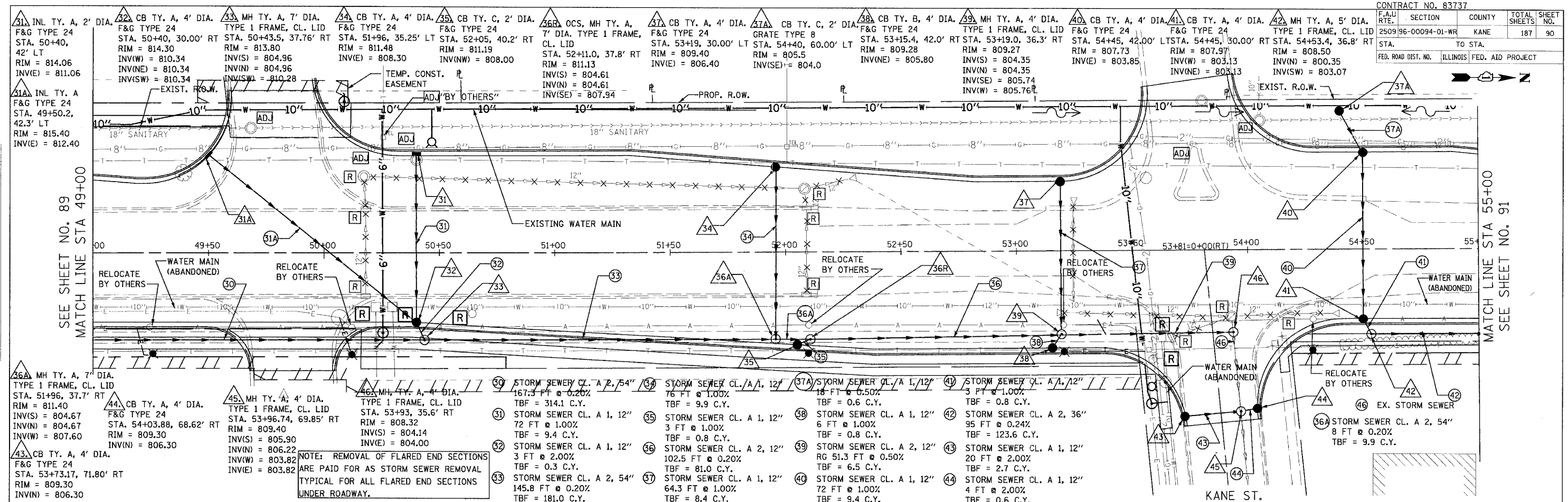
NOTE 2: CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE DEPTH AND LOCATION OF EXISTING UTILITIES. SEE SPECIAL PROVISION REGARDING THE COOPERATION WITH UTILITIES (LRS 1).

REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

McLEAN BOULEVARD
 DRAINAGE AND UTILITIES
 STA. 43+00 TO STA. 49+00

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 20'
 DATE: 04/06/2007
 DRAWN BY:
 CHECKED BY:



NOTE: REMOVAL OF FLARED END SECTIONS ARE PAID FOR AS STORM SEWER REMOVAL TYPICAL FOR ALL FLARED END SECTIONS UNDER ROADWAY.

NOTE 1: ALL PRIVATE UTILITIES ARE TO BE RELOCATED AND/OR ADJUSTED BY OTHERS UNLESS STATED OTHERWISE.

NOTE 2: CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE DEPTH AND LOCATION OF EXISTING UTILITIES. SEE SPECIAL PROVISION REGARDING THE COOPERATION WITH UTILITIES (LRS 1).

REVISIONS	NAME	DATE

URS
 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

McLEAN BOULEVARD
 DRAINAGE AND UTILITIES
 STA. 49+00 TO STA. 55+00

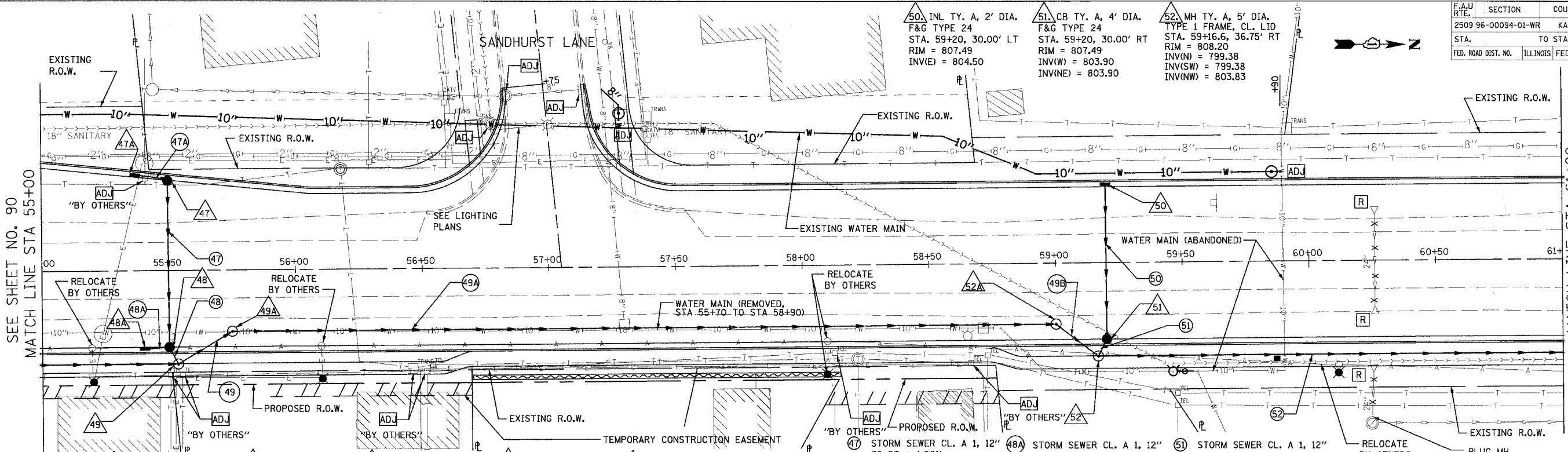
SCALE: VERT. 1" = 5'
 HORIZ. 1" = 20'
 DATE: 04/06/2007
 DRAWN BY:
 CHECKED BY:

PLAN
 SURVEYED BY
 GRADES CHECKED
 STRUCTURE NOTATIONS CHECKED
 DATE

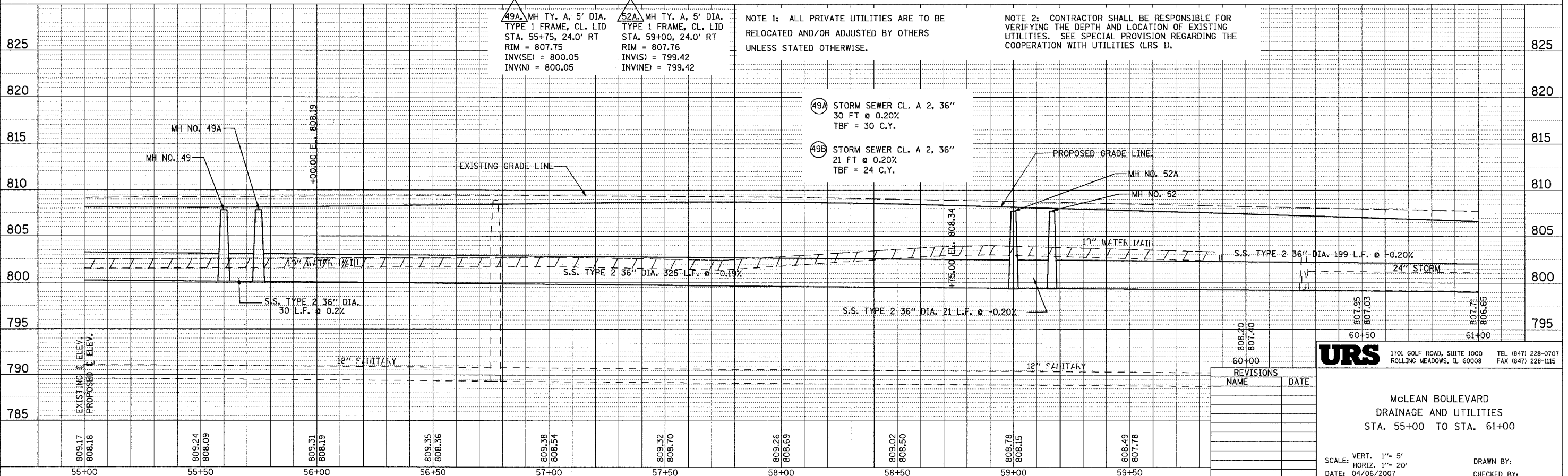
PROFILE
 SURVEYED BY
 GRADES CHECKED
 STRUCTURE NOTATIONS CHECKED
 DATE

SEE SHEET NO. 89
 MATCH LINE STA 49+00

MATCH LINE STA 55+00
 SEE SHEET NO. 91



- 47. CB TY. A, 4' DIA. F&G TYPE 24 STA. 55+48.81, 35.6' LT RIM = 807.38 INV(E) = 804.23 INV(S) = 804.23
- 47A. INL TY. A, 2' DIA. F&G TYPE 24 STA. 55+38, 37.9' LT RIM = 807.37 INV(N) = 804.30
- 48. CB TY. A, 4' DIA. F&G TYPE 24 STA. 55+48.81, 30.00' RT RIM = 807.58 INV(W) = 803.53 INV(E) = 803.50 INV(S) = 804.53
- 48A. INL TY. A, 2' DIA. F&G TYPE 24 STA. 55+38, 30.00' RT RIM = 807.59 INV(N) = 804.60
- 49. MH TY. A, 5' DIA. TYPE 1 FRAME, CL. LID STA. 55+53.5, 36.75' RT RIM = 808.20 INV(NW) = 800.11 INV(S) = 800.11 INV(SW) = 803.50
- 49A. MH TY. A, 5' DIA. TYPE 1 FRAME, CL. LID STA. 55+75, 24.0' RT RIM = 807.75 INV(E) = 800.05 INV(N) = 800.05
- 49B. MH TY. A, 5' DIA. TYPE 1 FRAME, CL. LID STA. 59+00, 24.0' RT RIM = 807.76 INV(S) = 799.42 INV(E) = 799.42
- 47 STORM SEWER CL. A 1, 12" 70 FT @ 1.00% TBF = 9.1 C.Y.
- 47A STORM SEWER CL. A 1, 12" 7 FT @ 1.00% TBF = 0.9 C.Y.
- 48 STORM SEWER CL. A 1, 12" 3 FT @ 1.00% TBF = 0.8 C.Y.
- 48A STORM SEWER CL. A 1, 12" 7 FT @ 1.00% TBF = 0.9 C.Y.
- 49A STORM SEWER CL. A 2, 36" 325 FT @ 0.20% TBF = 438 C.Y.
- 49B STORM SEWER CL. A 2, 36" 21 FT @ 0.20% TBF = 24 C.Y.
- 50 STORM SEWER CL. A 1, 12" 60 FT @ 1.00% TBF = 7.8 C.Y.
- 51 STORM SEWER CL. A 1, 12" 3 FT @ 1.00% TBF = 0.8 C.Y.
- 52 STORM SEWER CL. A 2, 36" 192 FT @ 0.20% TBF = 252.2 C.Y.
- 49 STORM SEWER CL. A 2, 36" 20 FT @ 0.20% TBF = 14.8 C.Y.



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REVISIONS	
NAME	DATE

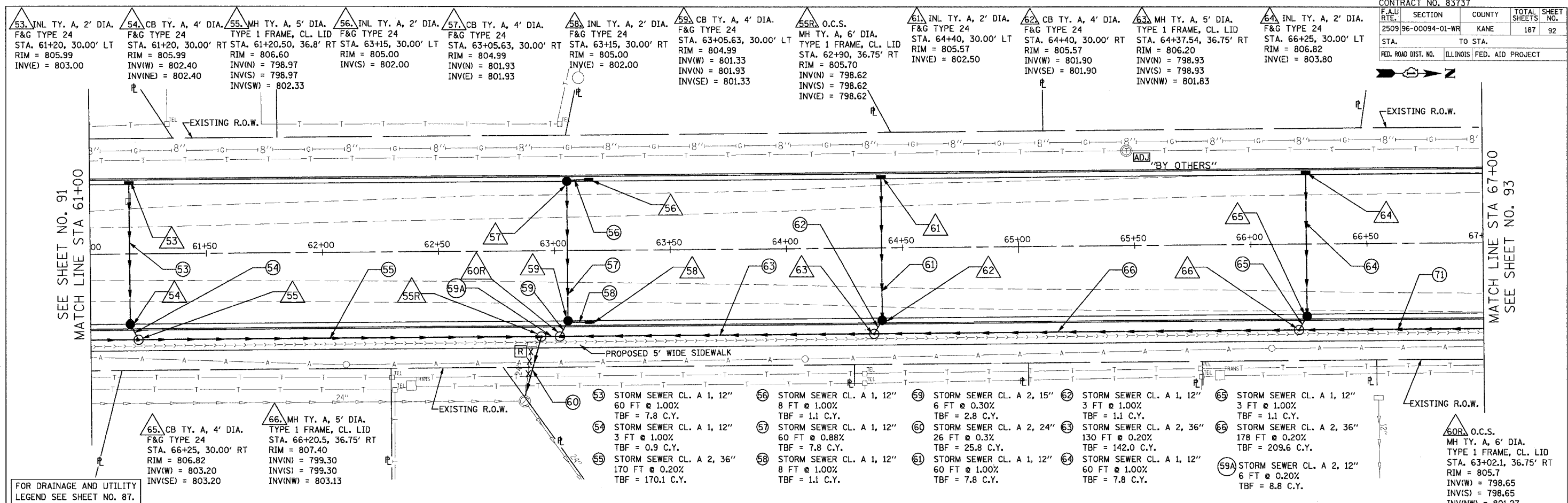
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McLEAN BOULEVARD
 DRAINAGE AND UTILITIES
 STA. 55+00 TO STA. 61+00

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 20'
 DATE: 04/06/2007
 DRAWN BY:
 CHECKED BY:

PLAN SURVEYED BY DATE
 ALIGNED CHECKED BY DATE
 ADJUSTED CHECKED BY DATE
 NO. 1078 BOOK 1078 FILE NAME 1078.DWG

PROFILE SURVEYED BY DATE
 GRADES CHECKED BY DATE
 STRUCTURE NOTATIONS CHFD
 NO. 1078 BOOK 1078 FILE NAME 1078.DWG

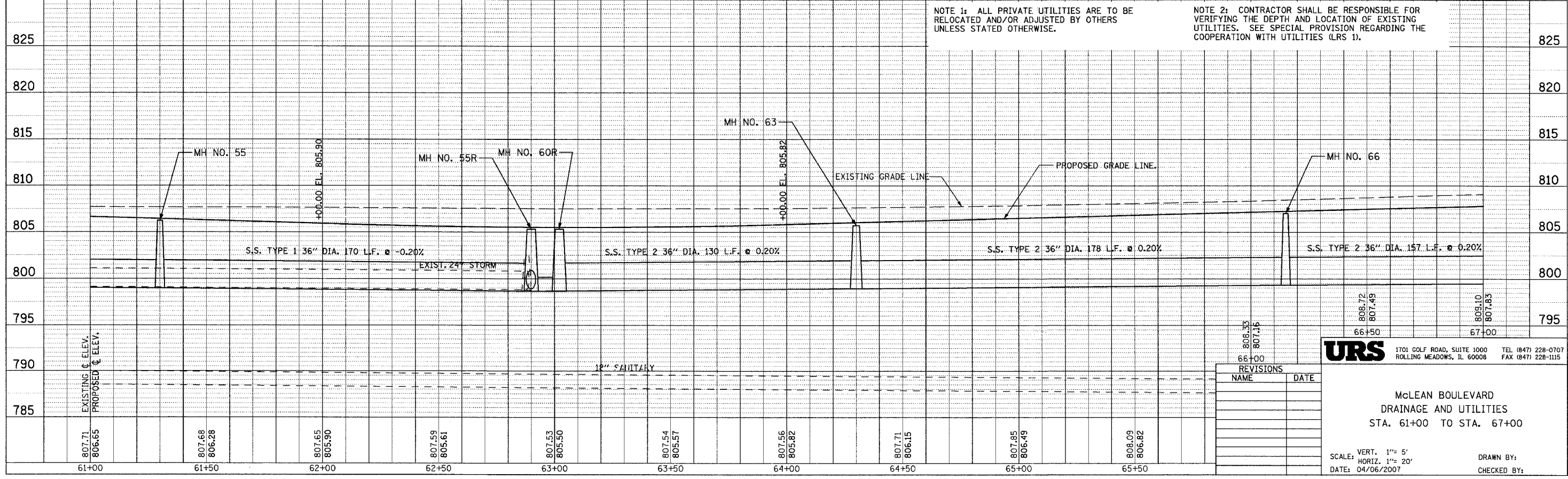


FOR DRAINAGE AND UTILITY LEGEND SEE SHEET NO. 87.

- 53 STORM SEWER CL. A 1, 12" 60 FT @ 1.00% TBF = 7.8 C.Y.
- 54 STORM SEWER CL. A 1, 12" 3 FT @ 1.00% TBF = 0.9 C.Y.
- 55 STORM SEWER CL. A 2, 36" 170 FT @ 0.20% TBF = 170.1 C.Y.
- 56 STORM SEWER CL. A 1, 12" 8 FT @ 1.00% TBF = 1.1 C.Y.
- 57 STORM SEWER CL. A 1, 12" 60 FT @ 0.88% TBF = 7.8 C.Y.
- 58 STORM SEWER CL. A 1, 12" 8 FT @ 1.00% TBF = 1.1 C.Y.
- 59 STORM SEWER CL. A 2, 15" 6 FT @ 0.30% TBF = 2.8 C.Y.
- 60 STORM SEWER CL. A 2, 24" 26 FT @ 0.3% TBF = 25.8 C.Y.
- 61 STORM SEWER CL. A 1, 12" 60 FT @ 1.00% TBF = 7.8 C.Y.
- 62 STORM SEWER CL. A 1, 12" 3 FT @ 1.00% TBF = 1.1 C.Y.
- 63 STORM SEWER CL. A 2, 36" 130 FT @ 0.20% TBF = 142.0 C.Y.
- 64 STORM SEWER CL. A 1, 12" 60 FT @ 1.00% TBF = 7.8 C.Y.
- 65 STORM SEWER CL. A 1, 12" 3 FT @ 1.00% TBF = 1.1 C.Y.
- 66 STORM SEWER CL. A 2, 36" 178 FT @ 0.20% TBF = 209.6 C.Y.
- 59A STORM SEWER CL. A 2, 12" 6 FT @ 0.20% TBF = 8.8 C.Y.
- 60R O.C.S. MH TY. A, 6' DIA. TYPE 1 FRAME, CL. LID STA. 63+02.1, 36.75' RT RIM = 805.7 INV(W) = 798.65 INV(S) = 798.65 INV(NW) = 801.27

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REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
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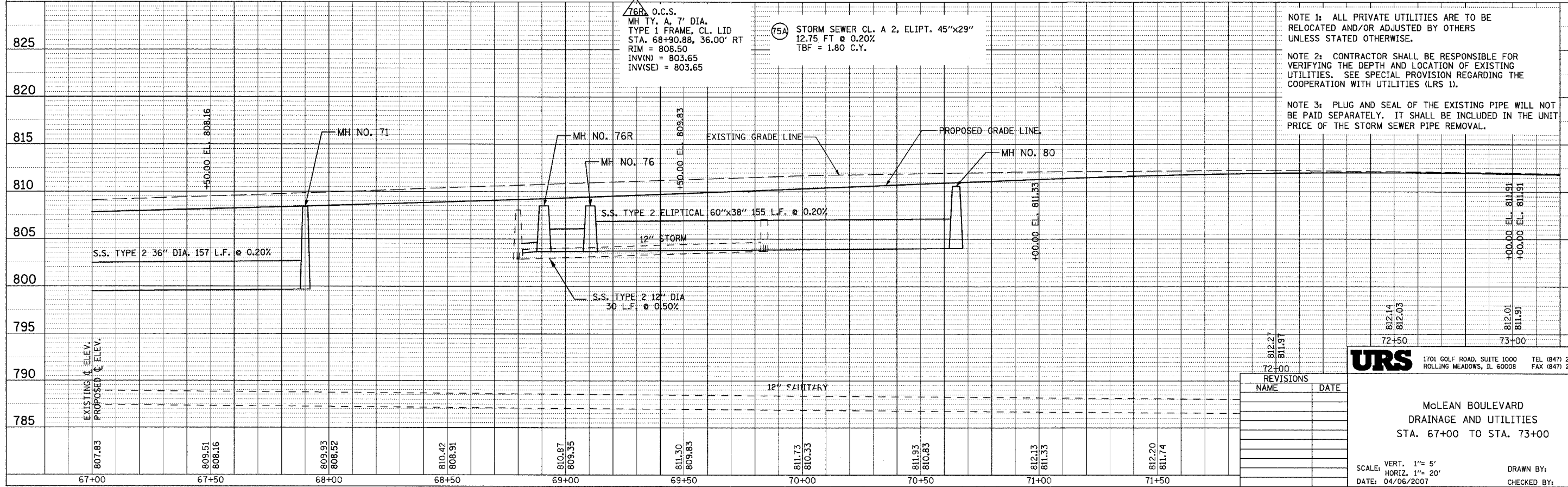
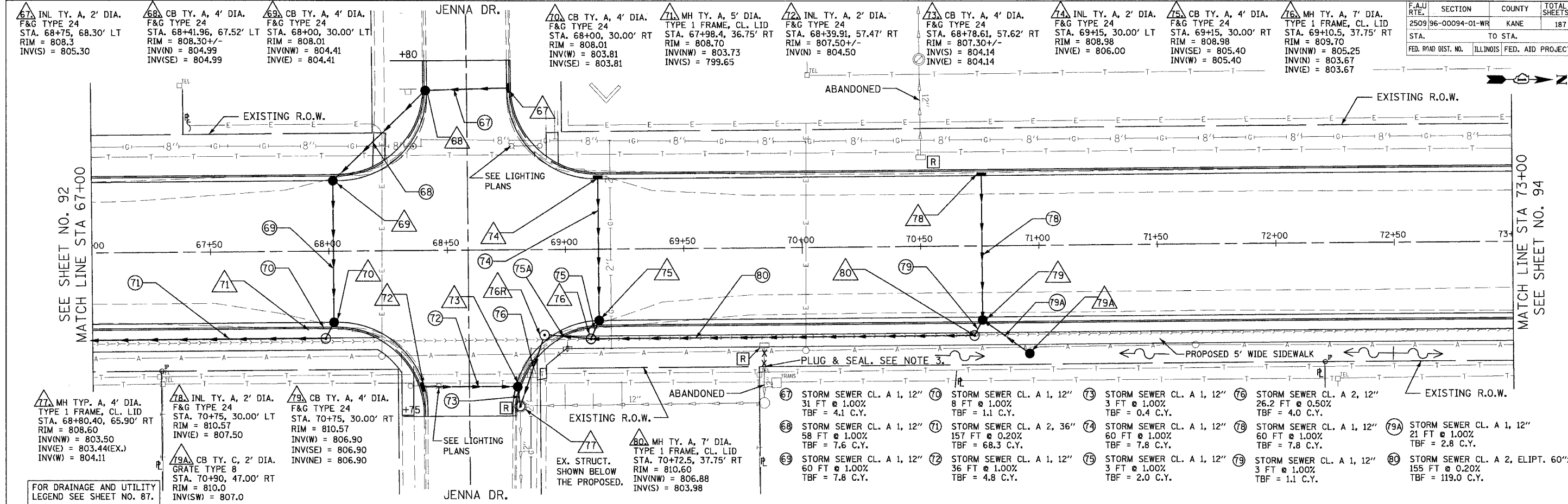
McLEAN BOULEVARD
 DRAINAGE AND UTILITIES
 STA. 61+00 TO STA. 67+00

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 20'
 DATE: 04/06/2007
 DRAWN BY:
 CHECKED BY:

DATE BY
 PLAN
 DESIGNED
 PLOTTED
 CHECKED
 ALL DIMENSIONS IN FEET
 UNLESS OTHERWISE NOTED
 NO. FILE NAME

DATE BY
 PROFILE
 DESIGNED
 PLOTTED
 CHECKED
 ALL DIMENSIONS IN FEET
 UNLESS OTHERWISE NOTED
 NO. FILE NAME

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
250996-00094-01-WR		KANE	187	93
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



NOTE 1: ALL PRIVATE UTILITIES ARE TO BE RELOCATED AND/OR ADJUSTED BY OTHERS UNLESS STATED OTHERWISE.

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NOTE 3: PLUG AND SEAL OF THE EXISTING PIPE WILL NOT BE PAID SEPARATELY. IT SHALL BE INCLUDED IN THE UNIT PRICE OF THE STORM SEWER PIPE REMOVAL.

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
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McLEAN BOULEVARD
 DRAINAGE AND UTILITIES
 STA. 67+00 TO STA. 73+00

SCALE: VERT. 1"= 5'
 HORIZ. 1"= 20'
 DATE: 04/06/2007

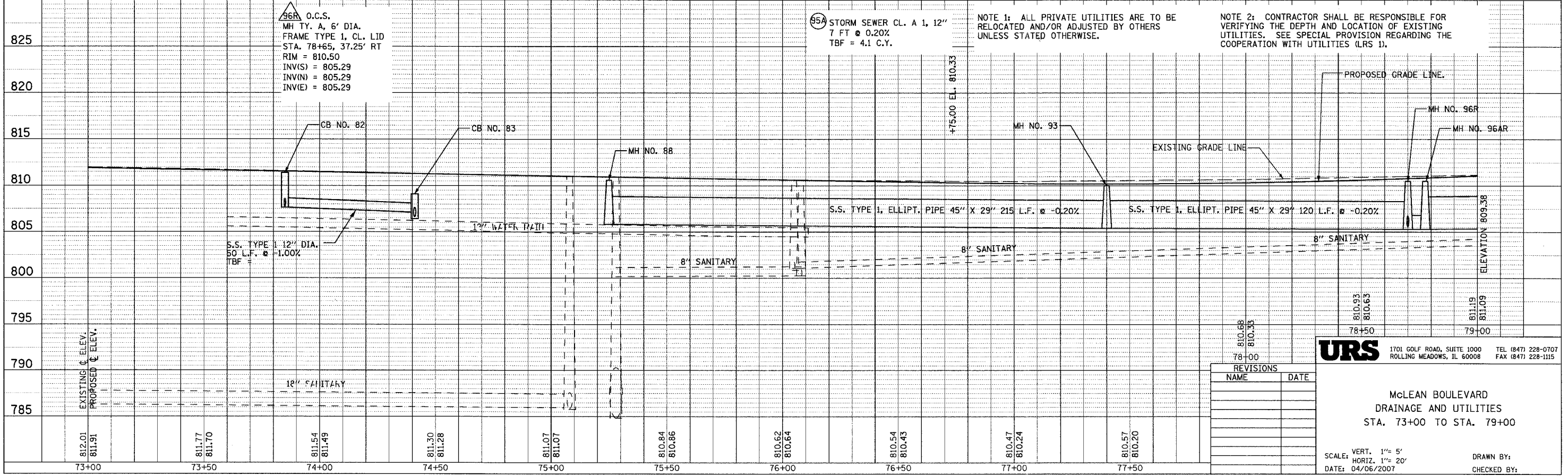
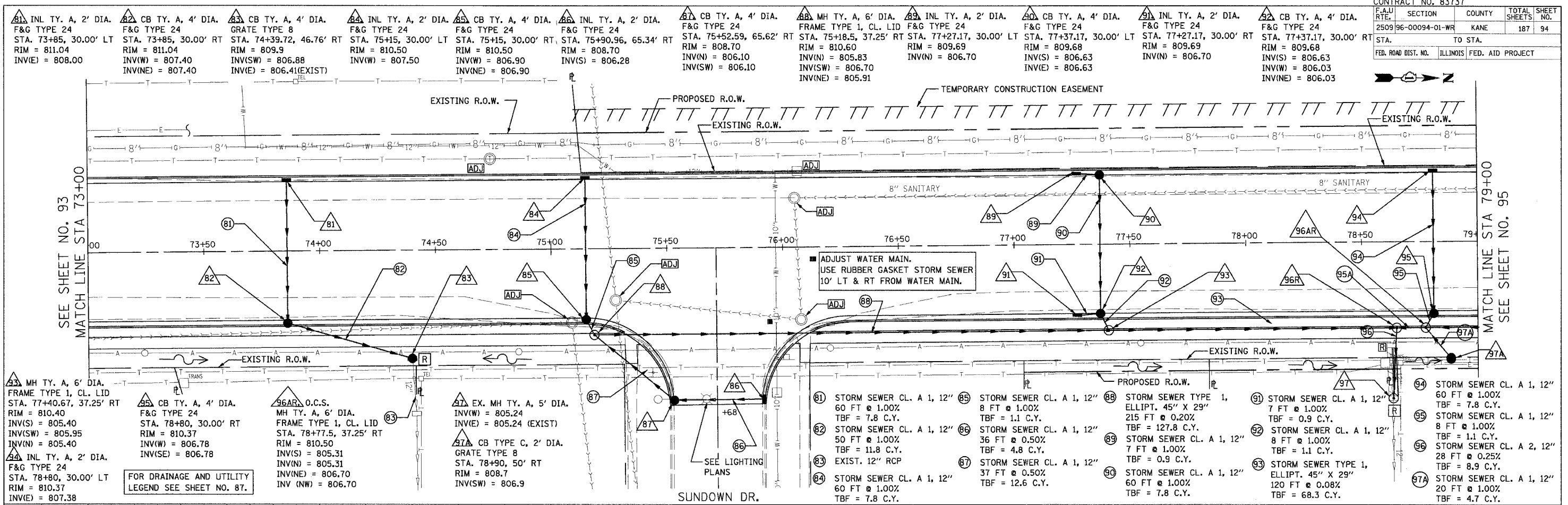
DRAWN BY:
 CHECKED BY:

DATE	BY

DATE	BY

REVISIONS	
NAME	DATE

CONTRACT NO. 83737		F.A.U. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509196-00094-01-WR		KANE	187	94	
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



PLAN	DATE
BY	
REVISIONS	
NO.	

PROFILE	DATE
BY	
REVISIONS	
NO.	

REVISIONS	
NAME	DATE

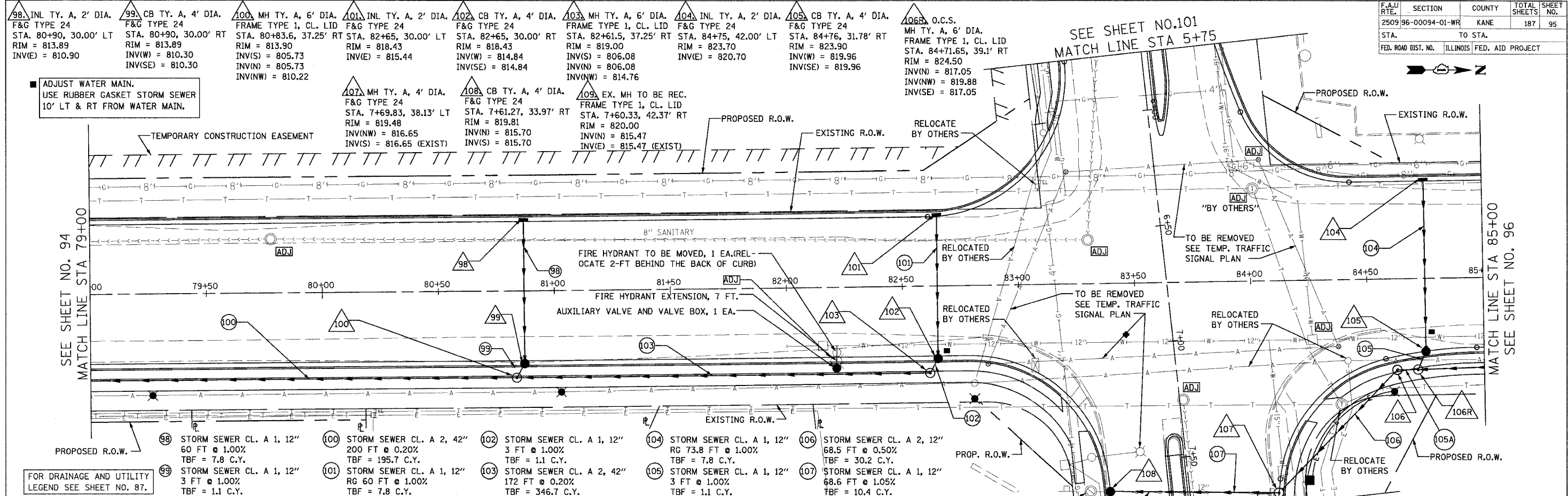
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

McLEAN BOULEVARD
 DRAINAGE AND UTILITIES
 STA. 73+00 TO STA. 79+00

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 20'
 DATE: 04/06/2007

DRAWN BY:
 CHECKED BY:

CONTRACT NO. 83737			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
2509.96-00094-01-WR		KANE	187 95
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



ADJUST WATER MAIN.
USE RUBBER GASKET STORM SEWER
10' LT & RT FROM WATER MAIN.

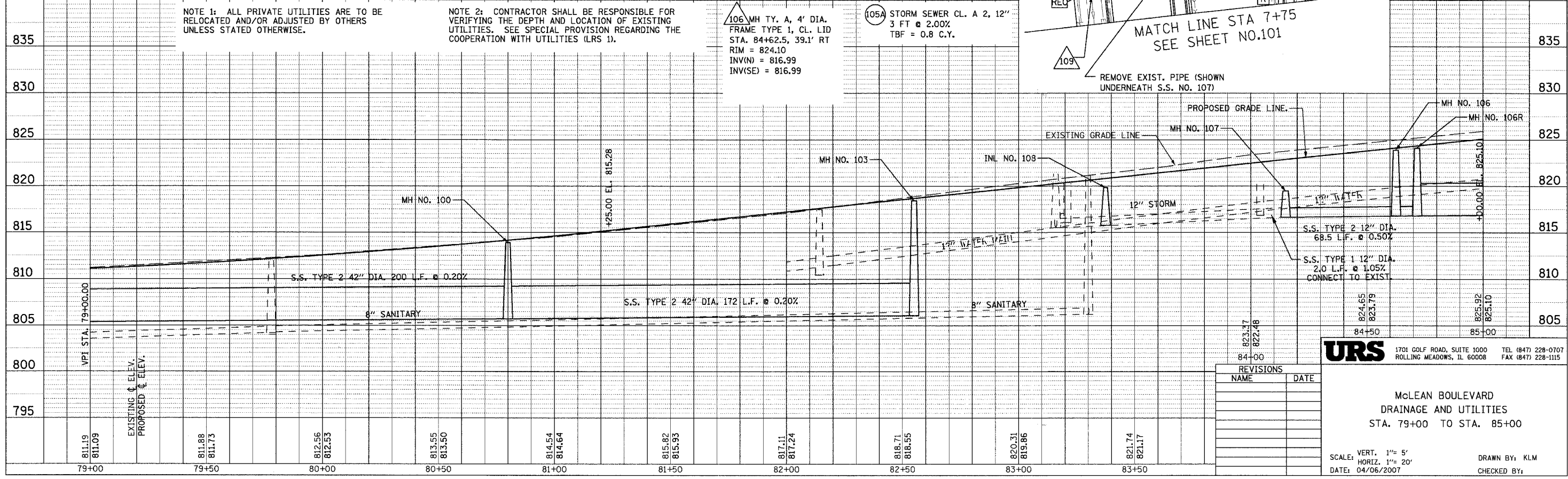
FOR DRAINAGE AND UTILITY
LEGEND SEE SHEET NO. 87.

NOTE 1: ALL PRIVATE UTILITIES ARE TO BE
RELOCATED AND/OR ADJUSTED BY OTHERS
UNLESS STATED OTHERWISE.

NOTE 2: CONTRACTOR SHALL BE RESPONSIBLE FOR
VERIFYING THE DEPTH AND LOCATION OF EXISTING
UTILITIES. SEE SPECIAL PROVISION REGARDING THE
COOPERATION WITH UTILITIES (LRS 1).

106 MH TY. A, 4' DIA.
FRAME TYPE 1, CL. LID
STA. 84+62.5, 39.1' RT
RIM = 824.10
INV(N) = 816.99
INV(SE) = 816.99

105A STORM SEWER CL. A 2, 12"
3 FT @ 2.00%
TBF = 0.8 C.Y.



REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
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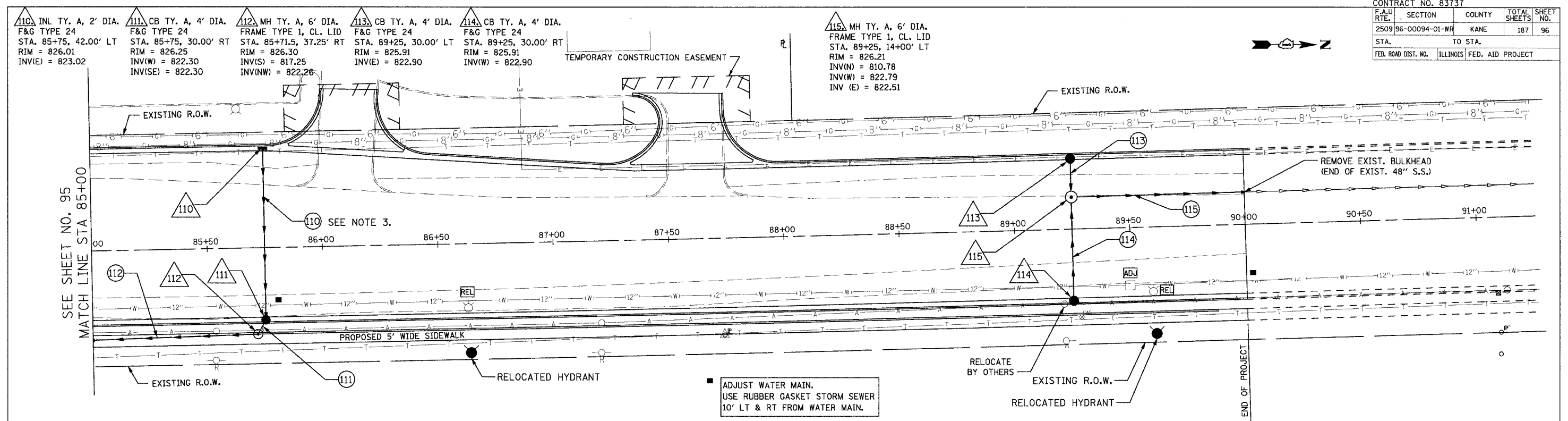
MCLEAN BOULEVARD
DRAINAGE AND UTILITIES
STA. 79+00 TO STA. 85+00

SCALE: VERT. 1"= 5'
HORIZ. 1"= 20'
DATE: 04/06/2007
DRAWN BY: KLM
CHECKED BY:

DATE: _____ BY: _____
PLAN: _____
NOTE BOOK: _____
NO.:

DATE: _____ BY: _____
PROFILE: _____
NOTE BOOK: _____
NO.:

DATE BY
 PLAN SURVEYED
 NOTE BOOK GRADES CHECKED
 NO. STRUCTURE NOTATIONS CHDAD



- (110) STORM SEWER CL. A 1, 12" RG 72 FT @ 1.00% TBF = 9.5 C.Y.
- (111) STORM SEWER CL. A 1, 12" 8 FT @ 1.00% TBF = 1.1 C.Y.
- (112) STORM SEWER CL. A 2, 42" RG 100 FT @ 0.20% TBF = 141.5 C.Y.
- (113) STORM SEWER CL. A 1, 12" 11 FT @ 1.00% TBF = 1.5 C.Y.
- (114) STORM SEWER CL. A 1, 12" RG 39 FT @ 1.00% TBF = 5.2 C.Y.
- (115) STORM SEWER CL. A 2, 48" 75 FT @ 0.10% TBF = 22 C.Y.

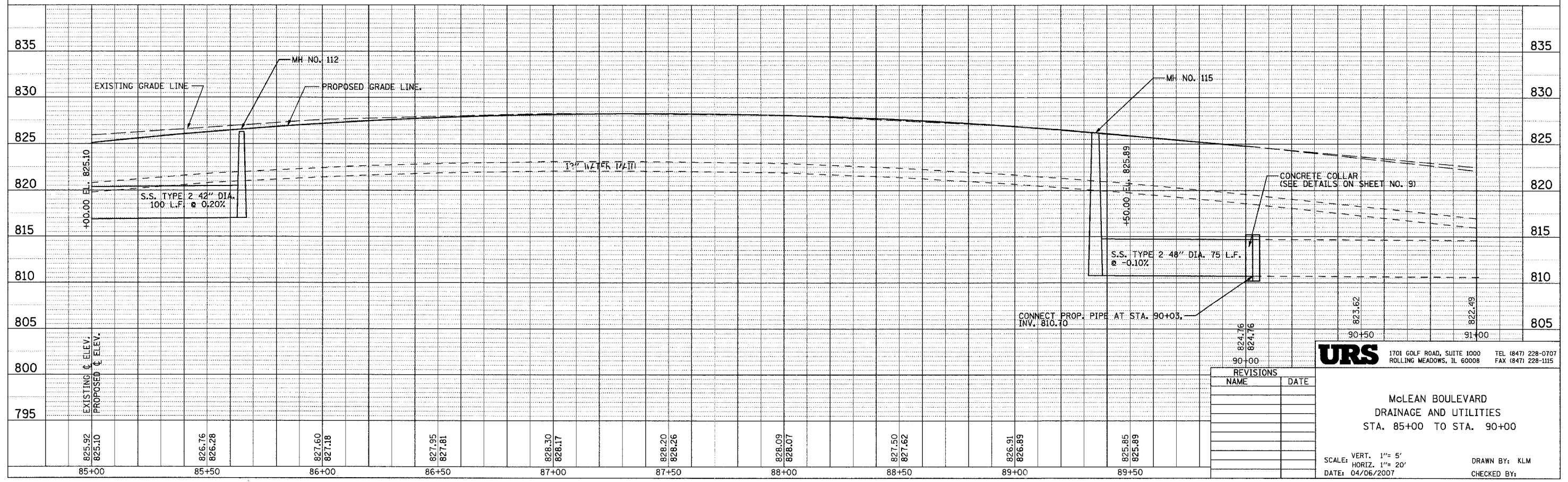
NOTE 1: ALL PRIVATE UTILITIES ARE TO BE RELOCATED AND/OR ADJUSTED BY OTHERS UNLESS STATED OTHERWISE.

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NOTE 3: LATERAL PIPES WILL BE BUILT IN STAGES. PROVIDE NECESSARY COLLAR. SEE SHEET NO. 9 FOR THE COLLAR DETAIL. TYPICAL FOR ALL LATERAL PIPES.

FOR DRAINAGE AND UTILITY LEGEND SEE SHEET NO. 87.

DATE BY
 PROFILE SURVEYED
 NOTE BOOK GRADES CHECKED
 NO. STRUCTURE NOTATIONS CHDAD



URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
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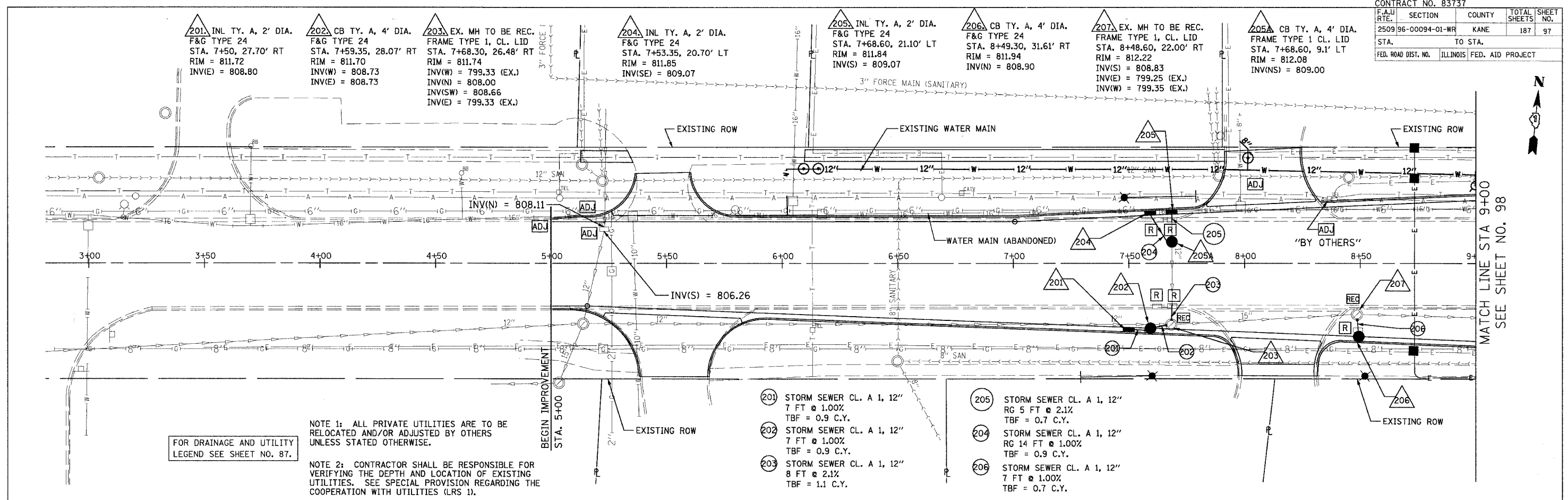
McLEAN BOULEVARD
 DRAINAGE AND UTILITIES
 STA. 85+00 TO STA. 90+00

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 20'
 DATE: 04/06/2007
 DRAWN BY: KLM
 CHECKED BY:

REVISIONS	
NAME	DATE

CONTRACT NO. 83737			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
2509 96-00094-01-WR		KANE	187 97
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

PLAN	DESIGNED BY	DATE
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	CHECKED BY	
	FILED BY	



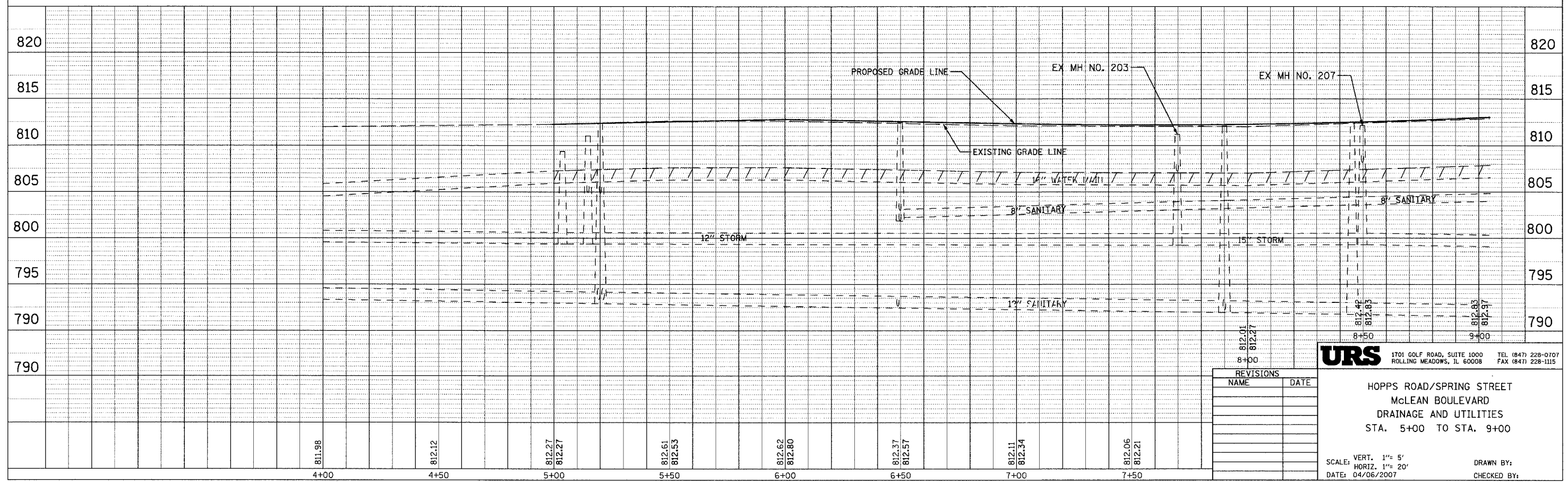
FOR DRAINAGE AND UTILITY LEGEND SEE SHEET NO. 87.

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- 201 STORM SEWER CL. A 1, 12" 7 FT @ 1.00% TBF = 0.9 C.Y.
- 202 STORM SEWER CL. A 1, 12" 7 FT @ 1.00% TBF = 0.9 C.Y.
- 203 STORM SEWER CL. A 1, 12" 8 FT @ 2.1% TBF = 1.1 C.Y.
- 204 STORM SEWER CL. A 1, 12" 14 FT @ 1.00% TBF = 0.9 C.Y.
- 205 STORM SEWER CL. A 1, 12" 5 FT @ 2.1% TBF = 0.7 C.Y.
- 206 STORM SEWER CL. A 1, 12" 7 FT @ 1.00% TBF = 0.7 C.Y.

PROFILE	DESIGNED BY	DATE
	NOTED BY	
	GRADES CHECKED BY	
	STRUCTURE NOTATION CHECKED BY	



REVISIONS	
NAME	DATE

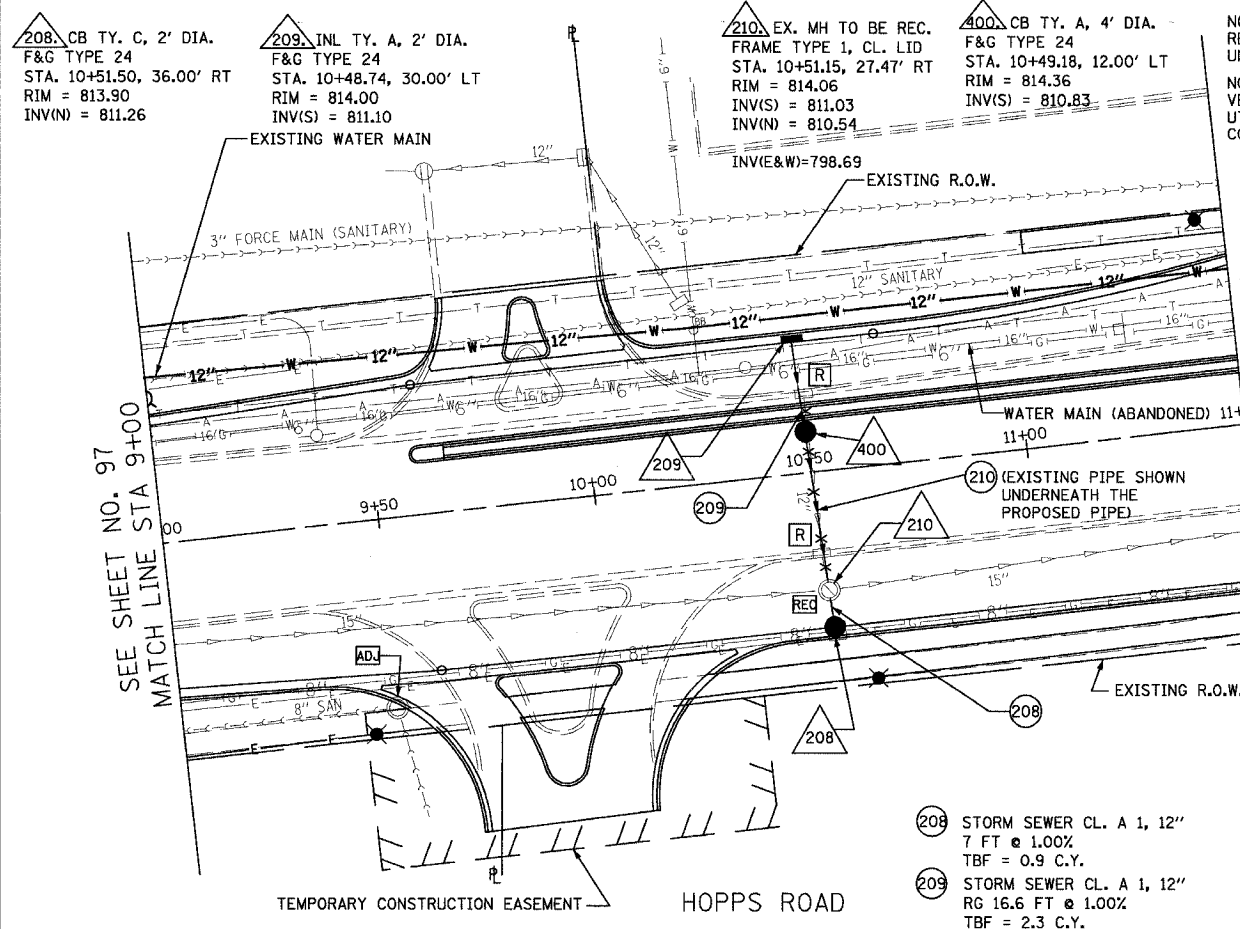
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HOPPS ROAD/SPRING STREET
McLEAN BOULEVARD
DRAINAGE AND UTILITIES
STA. 5+00 TO STA. 9+00

SCALE: VERT. 1" = 5'
HORIZ. 1" = 20'
DATE: 04/06/2007
DRAWN BY:
CHECKED BY:

MATCH LINE STA 9+00
SEE SHEET NO. 98

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	98
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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208 CB TY. C, 2' DIA.
F&G TYPE 24
STA. 10+51.50, 36.00' RT
RIM = 813.90
INV(N) = 811.26

209 INL TY. A, 2' DIA.
F&G TYPE 24
STA. 10+48.74, 30.00' LT
RIM = 814.00
INV(S) = 811.10

210 EX. MH TO BE REC.
FRAME TYPE 1, CL. LID
STA. 10+51.15, 27.47' RT
RIM = 814.06
INV(S) = 811.03
INV(N) = 810.54

400 CB TY. A, 4' DIA.
F&G TYPE 24
STA. 10+49.18, 12.00' LT
RIM = 814.36
INV(S) = 810.83

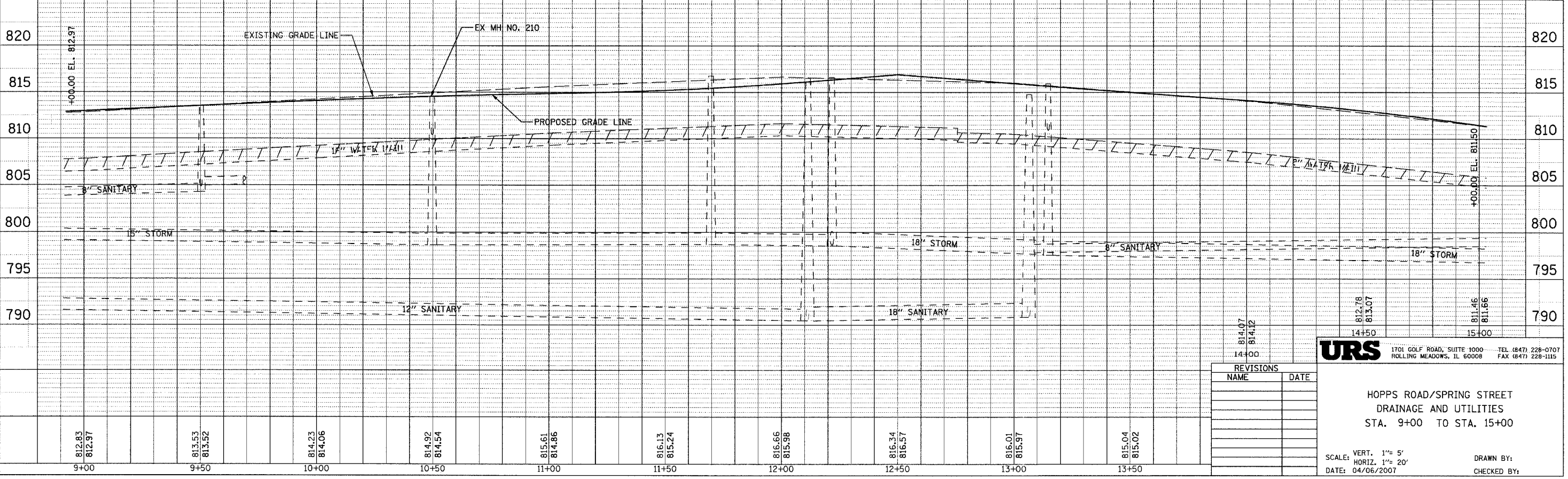
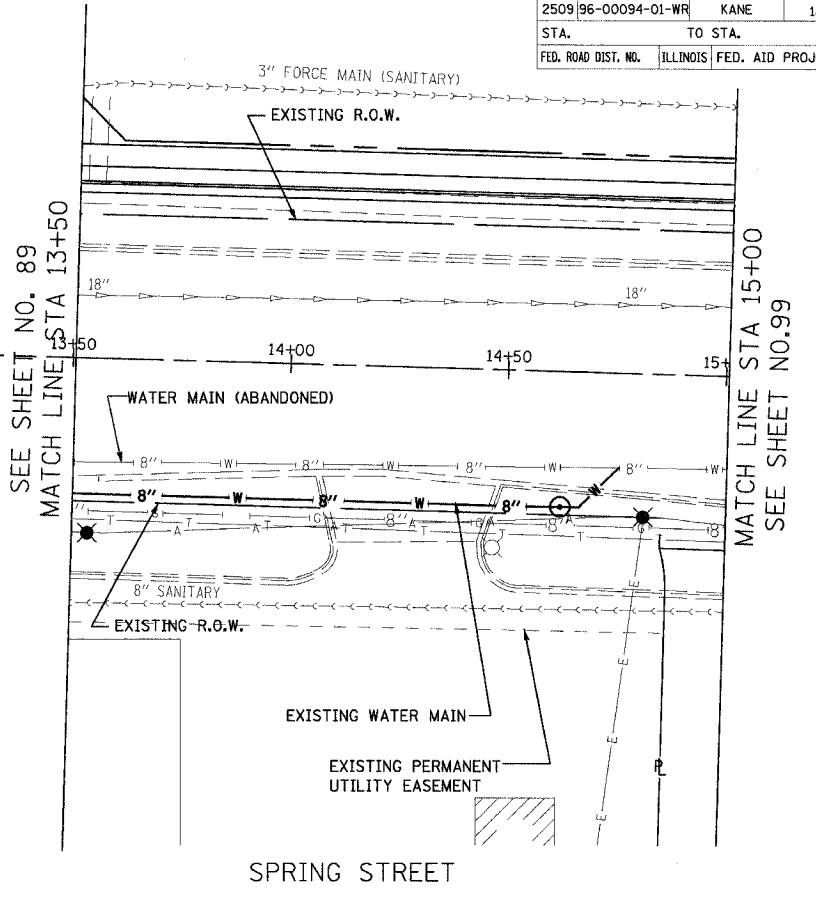
208 STORM SEWER CL. A 1, 12"
7 FT @ 1.00%
TBF = 0.9 C.Y.

209 STORM SEWER CL. A 1, 12"
RG 16.6 FT @ 1.00%
TBF = 2.3 C.Y.

210 STORM SEWER CL. A 1, 12"
33 FT @ 0.90%
TBF = 4.9 C.Y.

BOULEVARD
MCLEAN

FOR DRAINAGE AND UTILITY
LEGEND SEE SHEET NO. 87.



REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
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HOPPS ROAD/SPRING STREET
DRAINAGE AND UTILITIES
STA. 9+00 TO STA. 15+00

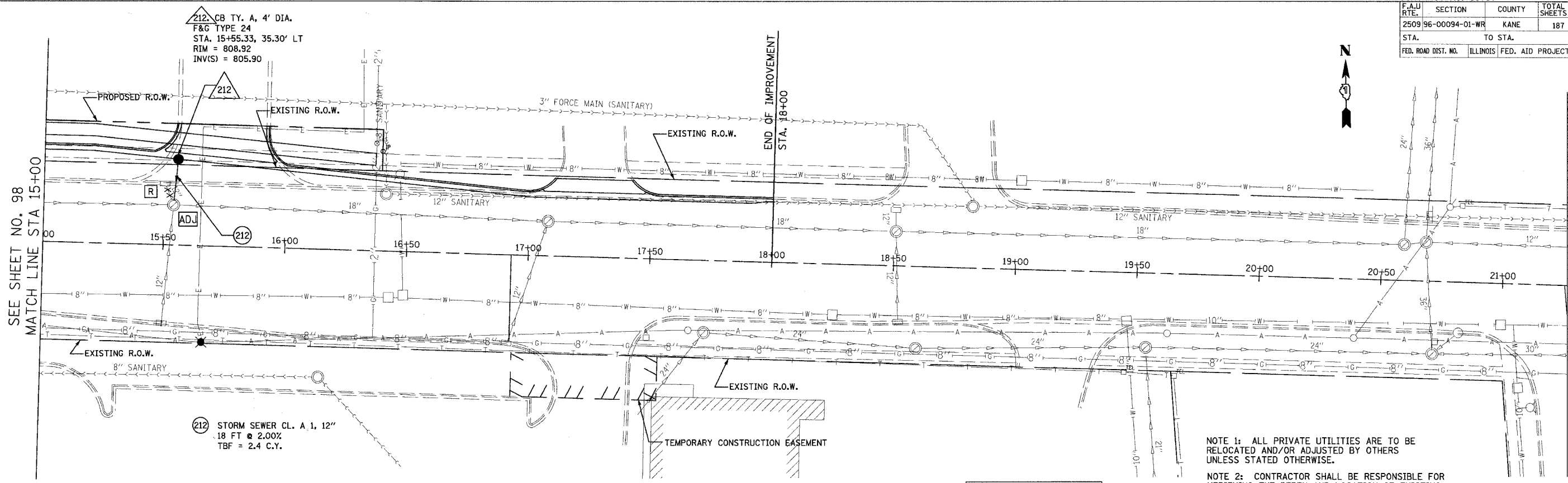
SCALE: VERT. 1" = 5'
HORIZ. 1" = 20'
DATE: 04/06/2007
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GRADES CHECKED	
STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	
FILE NAME	

DATE	
BY	
PROFILE	
REVISED	
GRADES CHECKED	
STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	

812.83	813.53	814.23	814.92	815.61	816.13	816.66	816.34	816.01	815.04
812.97	813.52	814.06	814.54	814.86	815.24	815.98	816.57	815.97	815.02
9+00	9+50	10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509 96-00094-01-WR		KANE	187	99
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SPRING STREET

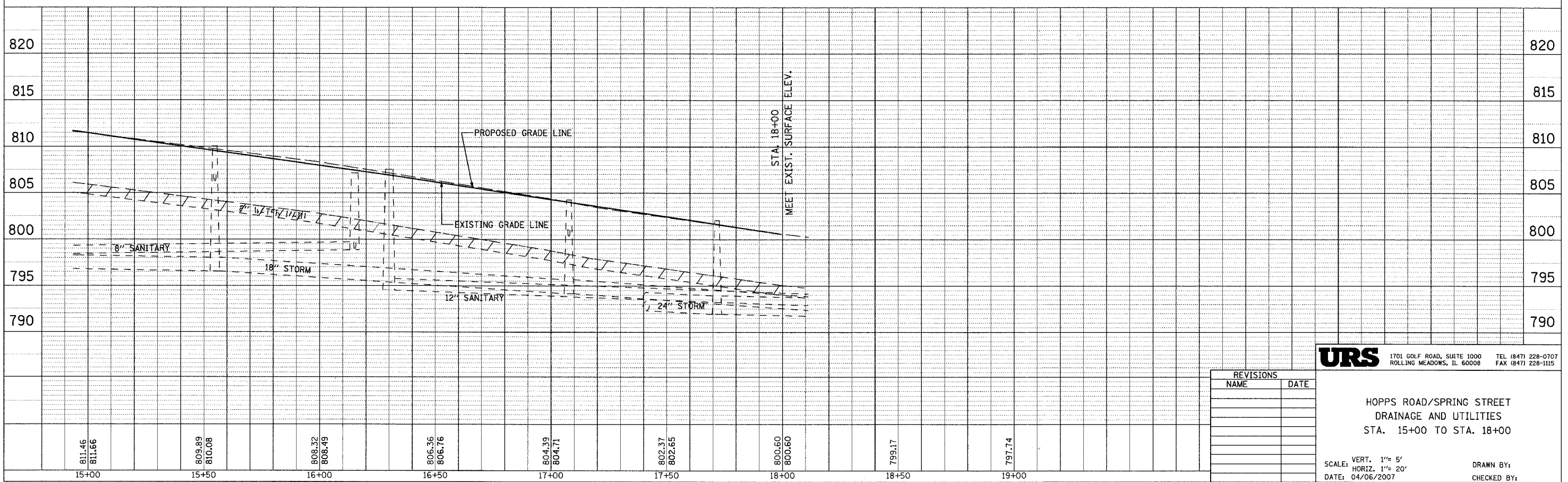
FOR DRAINAGE AND UTILITY
LEGEND SEE SHEET NO. 87.

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PLAN	DATE
BY	
REVISIONS	
NO.	

PROFILE	DATE
BY	
REVISIONS	
NO.	



URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

REVISIONS	
NAME	DATE

HOPPS ROAD/SPRING STREET
DRAINAGE AND UTILITIES
STA. 15+00 TO STA. 18+00

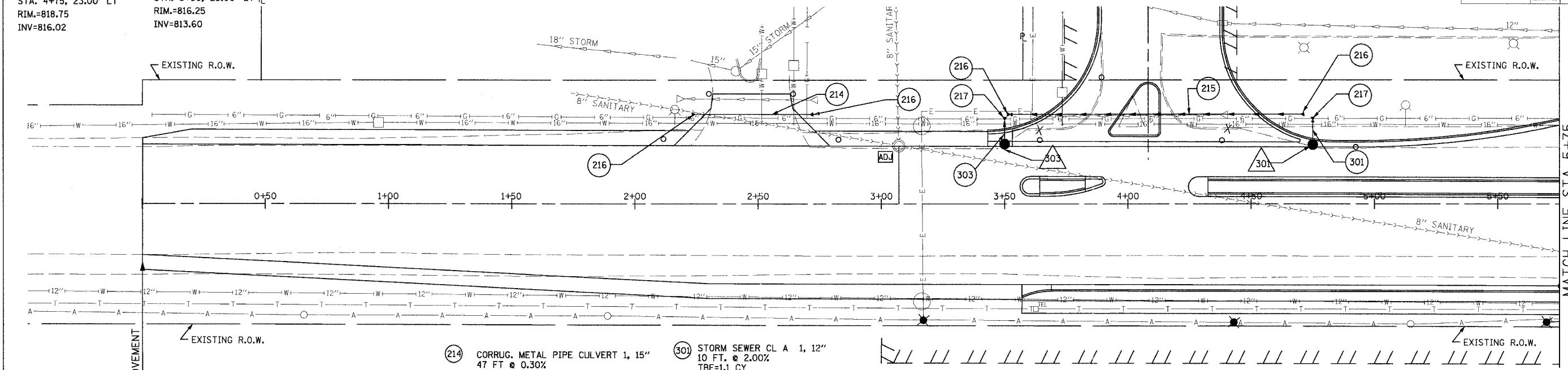
SCALE: VERT. 1" = 5'
HORIZ. 1" = 20'
DATE: 04/06/2007

DRAWN BY:
CHECKED BY:

CONTRACT NO. 83737				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
250996-00094-01-WR		KANE	187	100
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

301. INL. TY. B, 3' DIA.
 F&G TYPE 24
 STA. 4+75, 23.00' LT
 RIM.=818.75
 INV.=816.02

303. CB TY. C, 2' DIA.
 F&G TYPE 24
 STA. 3+50, 23.00' LT
 RIM.=816.25
 INV.=813.60



- (214) CORRUG. METAL PIPE CULVERT 1, 15"
47 FT @ 0.30%
- (215) CORRUG. METAL PIPE CULVERT 1, 15"
118 FT @ .30%
- (216) STEEL END SECTION 15"
- (217) STEEL END SECTION 12" *
- (301) STORM SEWER CL A 1, 12"
10 FT. @ 2.00%
TBF=1.1 CY
- (303) STORM SEWER CL A 1, 12"
9 FT. @ 0.50%
TBF=3.1 CY

FOR DRAINAGE AND UTILITY
LEGEND SEE SHEET NO. 87.

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RELOCATED AND/OR ADJUSTED BY OTHERS
UNLESS STATED OTHERWISE.

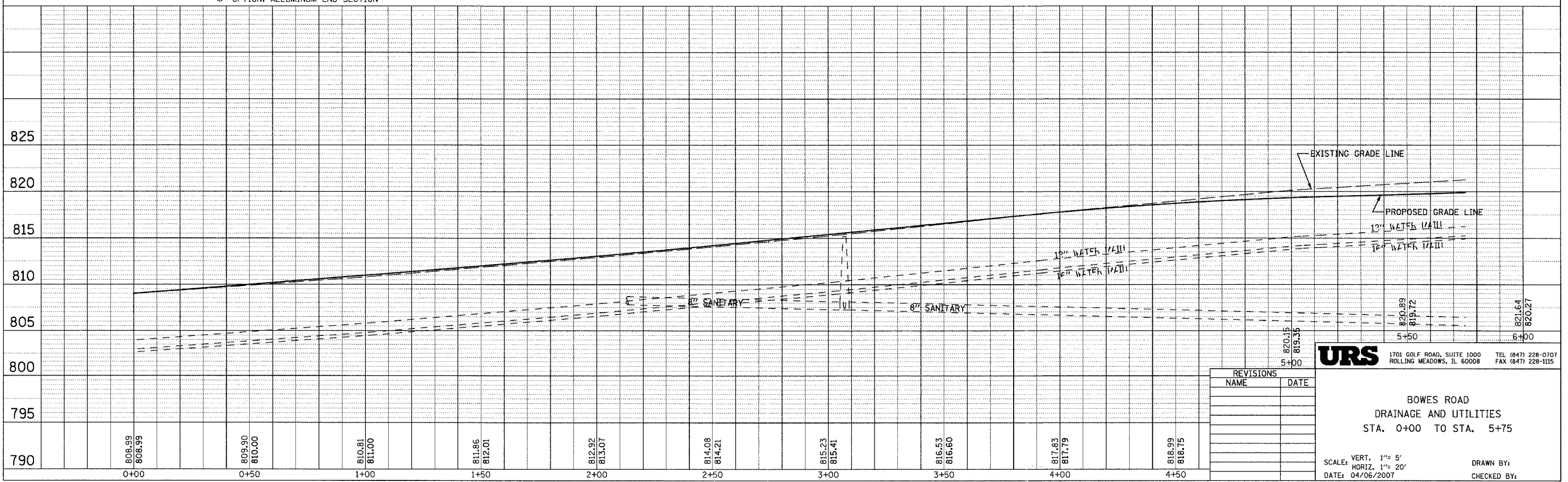
NOTE 2: CONTRACTOR SHALL BE RESPONSIBLE FOR
VERIFYING THE DEPTH AND LOCATION OF EXISTING
UTILITIES. SEE SPECIAL PROVISION REGARDING THE
COOPERATION WITH UTILITIES (LRS 1).

* OPTION: ALLUMINUM END SECTION

BOWES ROAD

PLAN	DATE
BY	
CHECKED	
NOTED	
NO.	

PROFILE	DATE
BY	
CHECKED	
NOTED	
NO.	



REVISIONS	
NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

BOWES ROAD
 DRAINAGE AND UTILITIES
 STA. 0+00 TO STA. 5+75

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 20'
 DATE: 04/06/2007
 DRAWN BY:
 CHECKED BY:

MATCH LINE STA 5+75
 SEE SHEET NO. 95