

06-13-14 LETTING ITEM 204

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
FAU 1637 UNIVERSITY PARKWAY
CENTRAL AVENUE TO CICERO AVENUE
WIDENING AND RECONSTRUCTION
SECTION 96-00014-00-PV
PROJECT NO: M-CMM-4003(013)
VILLAGE OF UNIVERSITY PARK
WILL COUNTY
JOB NO: C-91-404-12

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	63709	

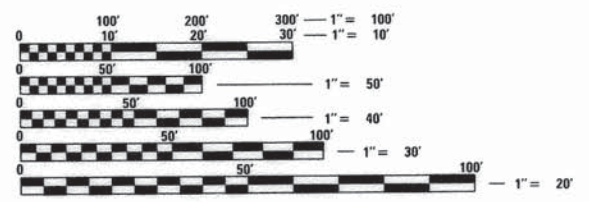
INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	GENERAL NOTES
4-7	SUMMARY OF QUANTITIES
8-9	DRAINAGE SCHEDULES
10-12	TYPICAL SECTIONS
13	ALIGNMENT, TIES AND BENCHMARKS
14-34	SUGGESTED MAINTENANCE OF TRAFFIC PLANS
35	DETOUR PLAN
36-41	REMOVAL SHEETS
42-50	PLAN AND PROFILE
51-58	DRAINAGE AND UTILITY PLANS
59	SLOPE INLET BOX - 30"
60	INTERSECTION GRADE DETAIL
61-66	PAVEMENT MARKING & SIGNING PLANS
67	EROSION CONTROL GENERAL NOTES
68-72	LANDSCAPING AND EROSION CONTROL PLANS
73	EROSION CONTROL DETAILS
74-79	TRAFFIC SIGNAL PLANS AND DETAILS
80-82	DETAIL SHEETS
83-93	IDOT D1 STANDARD DRAWINGS
94	EARTHWORK SCHEDULE AND GENERAL NOTES
95-106	CROSS SECTIONS - UNIVERSITY PARKWAY
107-112	CROSS SECTIONS - CICERO AVENUE

DESIGN DESIGNATION
 (06) ARTERIAL 0.5 (AC-20)
 (06) ARTERIAL 4.6668 (AC-20)
 (06) ARTERIAL 4.266 (AC-20)

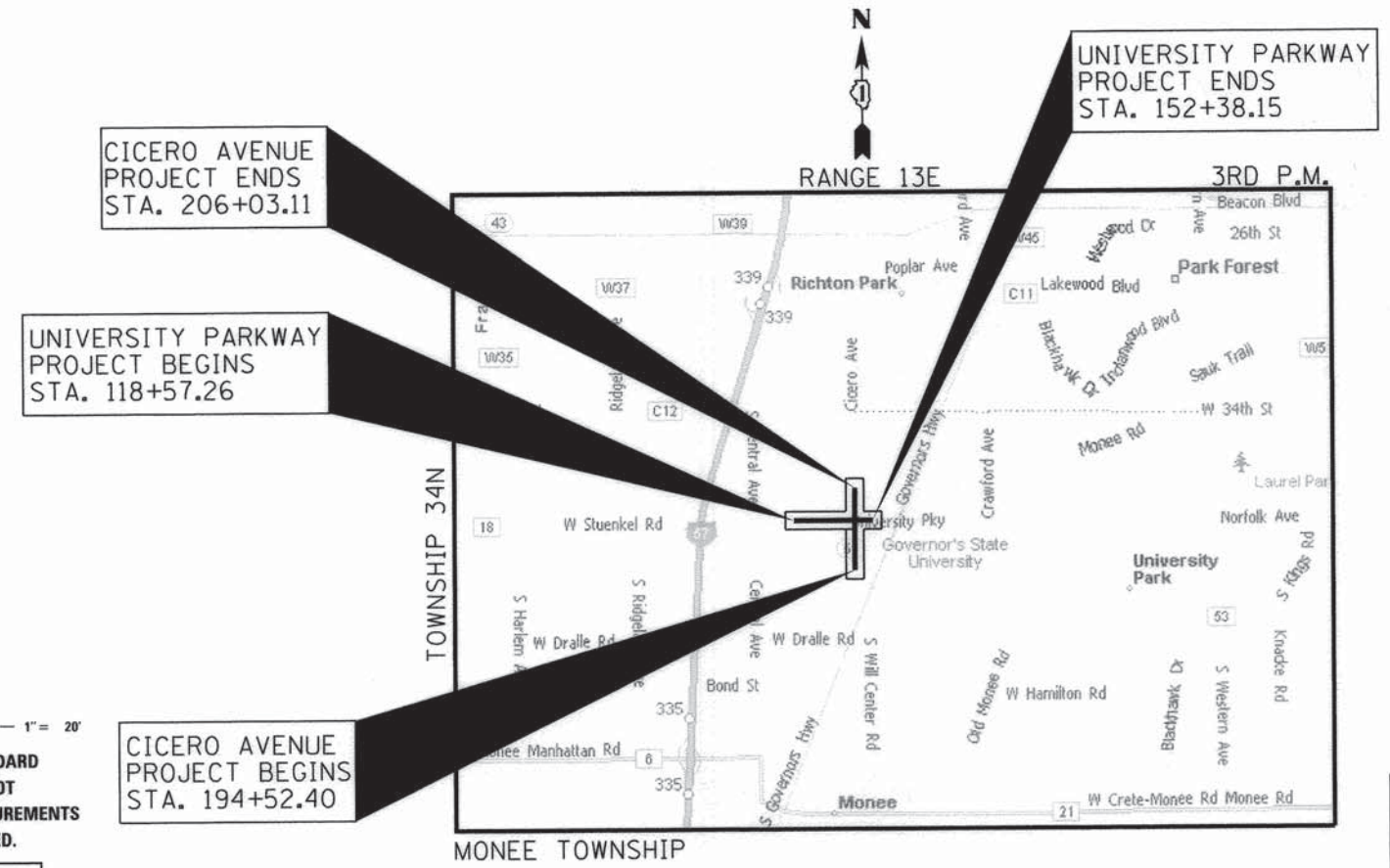
POSTED SPEED LIMIT
 40 MPH UNIVERSITY PARKWAY
 50 MPH CICERO AVENUE

AVERAGE DAILY TRAFFIC (ADT)
 7,700 VPD UNIVERSITY PARKWAY
 14,300 VPD CICERO AVE



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

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811



LOCATION MAP

1" = 1.25 MILES
 UNIVERSITY PARKWAY: 3,380.89 L.F. = 0.64 MILES
 CICERO AVE: 1,150.71 L.F. = 0.22 MILES
 GROSS/NET LENGTH = 4,532 FEET (0.86 MILES)
 (SECTION 1 ONLY)



PROGRAM AND OFFICE ENGINEER, CHARLES F. RIDDLE (847)705-4406, SCHAMBURG, IL

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

the village of
University Park

APPROVED 12-20 2013

PASSED DECEMBER 21 2013

 DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID December 27, 2013
 BASED ON LIMITED REVIEW
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

KEVIN D. NELSON, P.E.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. IB4-000613

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

CONTRACT NO. 63709

STANDARDS DRAWINGS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
202001-01	EARTH MEDIAN DITCH CHECK
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER DETAILS - ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER DETAILS - ADJACENT TO RIGID PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542001-03	REINFORCED CONCRETE END SECTIONS WITH PARALLEL WINGWALLS FOR PIPE CULVERTS 12" (300 MM) THRU 48" (1200MM) DIAMETER AT RIGHT ANGLE WITH ROADWAY
542206-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 42" (1050 MM) THRU 60" (1500 MM) DIAMETER SKEWED WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL END SECTIONS
542546-01	FLUSH INLET BOX FOR MEDIAN
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602301-03	INLET, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE, TYPE A
602406-05	MANHOLE, TYPE A, 72" (1800 MM) DIAMETER
602501-02	VALVE VAULT, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE B
604056-03	FRAME AND GRATE, TYPE IIV
604086-02	FRAME AND GRATE, TYPE 23
604091-02	FRAME AND GRATE, TYPE 24
606001-05	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
664001-02	CHAIN LINK FENCE
665001-02	WOVEN WIRE FENCE
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-04	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVELABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS (SIGNS, MARKERS AND DELINEATORS)
729001-01	APPLICATION OF TYPE A AND B METAL POSTS
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	CONCRETE HANDHOLES
814006-02	DOUBLE HANDHOLES
877001-05	STEEL MAST ARM ASSEMBLY AND POLE
877006-04	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877011-05	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
878001-09	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (2-LANE 2 WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

DISTRICT 1 DETAIL DRAWINGS

BD-7	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-32	BUTT JOINT AND HMA TAPER DETAILS
BD-36	FIRE HYDRANT TO BE REMOVED
BD-37	MANHOLE TYPE A 7 FT. DIAMETER
BD-48	PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKING
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-22	ARTERIAL ROAD INFORMATION SIGN

LIST OF UTILITIES

COMMONWEALTH EDISON CO. 25000 Governors Highway University Park, Illinois 60466 Contact: Gary Zack Phone: (708) 235-2694	ELECTRIC
NICOR GAS 1844 W. Ferry Road Naperville, Illinois 60563 Contact: Scot Stogsdill Phone: (630) 983-8676, ext. 2362	NATURAL GAS
ATT 65 West Webster 4th Floor Joliet, Illinois 60431 Contact: Frank Guerra Phone: (815) 727-8281	TELEPHONE
AQUA ILLINOIS INC. 2500 Federal Signal Drive P.O. Box 788 University Park, Illinois 60466-0788 Contact: Cindy Munger Phone: (708) 534-6513	WATER/SANITARY
COMCAST 688 Industrial Drive Elmhurst, Illinois 60126 Contact: Martha Stefan Phone: (630) 600-6352	CABLE TV
BP-AMOCO PIPELINE CO. 15600 Bruns Road Manhattan Illinois 60442 Contact: Gary L. White Phone: (815) 999-2857	PIPELINE
TEPPCO P.O. Box 67 Monee, Illinois 60449 Contact: Mike Boomsma Phone: (708) 534-6266	PIPELINE
NORCO PIPELINE - BUCKEYE PARTNERS 8600 W. 71st St. Bedford Park, Illinois 60501 Contact: Burt Allen Phone: (708) 259-1356	PIPELINE
ENBRIDGE PIPELINE 21979 N. 1500 East Road Pontiac, Illinois 61764 Contact: Normande D. Lyon Phone: (815) 844-2606 Ext. 103	PIPELINE
PATEC (MCLEOD USA) 900 Commerce Drive Suite 203 Oakbrook, Illinois 60523 Contact: Paul Baumann Phone: (708) 774-5174	COMMUNICATIONS
360 NETWORKS 600 S. Federal Street Suite 124-6 Chicago, Illinois Contact: Ben Apcocha Phone: (312) 427-6289	COMMUNICATIONS
ILLINOIS CENTRAL RAILROAD 17641 Ashland Avenue Homewood, Illinois 60430 Contact: John Henriksen Phone: (708) 957-6581	RAILROAD

DESIGN DATA

UNIVERSITY PARKWAY - STA. 118+57.26 TO STA. 152+38.15

STRUCTURAL DESIGN TRAFFIC:	YEAR	2040
PV=	17,595	SU= 1,369 MU= 586
ROAD/STREET CLASSIFICATION:	CLASS=	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P=	50 S= 50 M= 50
TRAFFIC FACTOR:	ACTUAL TF=	4.668 AC TYPE= 20

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			Quality Management Program (QMP)
Mixture Type	Air Voids @ Ndes		
PAVEMENT RESURFACING			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm);	2"	4% @ 70 Gyr.	QC/QA
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50;	1"	3.5% @ 50 Gyr.	QC/QA
PAVEMENT RECONSTRUCTION and WIDENING			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm);	2"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	3"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm);	4" OR	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm);	7.5" (IN 3 LIFTS)	4% @ 70 Gyr.	QC/QA
HMA SHOULDER			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm);	2"	4% @ 70 Gyr.	QC/QA
HMA SHOULDERS (HMA BINDER IL-19mm);	9" (IN 3 LIFTS)	4% @ 50 Gyr.	QC/QA
PATCHING			
CLASS D PATCHES (HMA BINDER IL-19mm);	11" (IN 4 LIFTS)	4% @ 70 Gyr.	QC/QA
BIKE PATH			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm);	2"	4% @ 50 Gyr.	QC/QA
DRIVEWAYS - COMMERCIAL ENTRANCE (CE)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm);	2"	4% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE	8" (IN 3 LIFTS)	4% @ 70 Gyr.	QC/QA
DRIVEWAYS - RESIDENTIAL ENTRANCE (PE)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm);	2"	4% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE	6" (IN 3 LIFTS)	4% @ 70 Gyr.	QC/QA
DRIVEWAYS - FIELD ENTRANCE (FE)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm);	2"	4% @ 50 Gyr.	QC/QA
TEMPORARY PAVEMENT			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm);	2"	4% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	8" (IN 3 LIFTS)	4% @ 50 Gyr.	QC/QA

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SB/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

GENERAL NOTES

- ALL REFERENCES TO STATE SPECIFICATIONS OR STANDARD AND SUPPLEMENTAL SPECIFICATIONS BELOW REFER TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROADWAY AND BRIDGE CONSTRUCTION, DATED JANUARY 1, 2012, AND SUPPLEMENTAL SPECIFICATION AND RECURRING SPECIAL PROVISION, JANUARY 1, 2014.
- ALL EXCAVATED AND EMBANKMENT LOCATIONS REQUIRING SEEDING OR SODDING SHALL BE CONSTRUCTED TO 4" INCHES BELOW FINISHED GRADE LINE TO ALLOW TOP SOIL PLACEMENT.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE ENGINEER
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE, PRIVATE OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE OWNER, IDOT, OR VILLAGE.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- ALL ELEVATIONS REFER TO U.S.G.S. NAVD 88.
7. TEN FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/4 INCHES WHERE THE SPEED IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- THE SCALE OF THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS (22" X 34") AND NOT TO THE REDUCED SIZE PLANS. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- ALL RADII ARE MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL UNDERGROUND UTILITY FACILITIES SHOWN ON THE PLANS ARE LOCATED AT THEIR APPROXIMATE LOCATION. IT IS BELIEVED THAT THIS DATA IS ESSENTIALLY CORRECT, BUT THE DEPARTMENT AND OTHER AGENCIES ASSOCIATED WITH THE DEVELOPMENT OF THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. IN ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR WILL BE REQUIRED TO VERIFY THE EXACT LOCATION OF EACH FACILITY WITH THE UTILITY COMPANY WHEN THE POTENTIAL EXISTS FOR INVOLVEMENT AND SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY SUCH FACILITIES WHICH MAY BE AFFECTED BY THE WORK. FOR REGULATED UTILITY LOCATIONS, THE CONTRACTOR SHALL CONTACT THE JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS, "J.U.L.I.E." AT 1-800-892-0123 OR 811. LOCAL GOVERNMENT AGENCIES SHOULD BE CONTACTED BY THE CONTRACTOR FOR THE LOCATION OF ALL NON-REGULATED UTILITY LOCATIONS. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL ENSURE THAT TEMPORARY EROSION CONTROL MEASURES ARE IN PLACE IN THE CURRENT WORK AREA BEFORE MOVING TO A DIFFERENT WORK LOCATION AS SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER.
- RADIUS CALLOUTS ON DRIVEWAYS AND SIDE STREETS ARE TYPICAL FOR BOTH SIDES UNLESS OTHERWISE NOTED.
- BACKFILLING OF STORM SEWERS SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 550.07. IF METHOD 1 IS USED BY THE CONTRACTOR AND THE CONTRACTOR EXCEEDS THE ALLOWED MAXIMUM LIFT THICKNESS OF 12", THE CONTRACTOR WILL BE REQUIRED TO COMPACT THE TRENCH BACKFILL BY METHOD 2 OR 3. THERE WILL BE NO COMPENSATION FOR MEETING THIS ADDITIONAL COMPACTION REQUIREMENT.
- ALL FRAMES AND GRATES SHALL BE BICYCLE SAFE.
16. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN & PROTECT EXISTING UTILITIES, SEWER, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE. THE CONTRACTOR SHALL PROTECT EXISTING OR NEW UTILITIES WHEN CONSIDERED NECESSARY BY METHODS APPROVED BY THE ENGINEER, AND HE SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT SETTLEMENT, DISPLACEMENT OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY BUT THE COST THEREOF SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- QUANTITIES FOR THE FOLLOWING PAY ITEMS ARE BASED ON FIELD SURVEYS CONDUCTED IN THE SPRING OF 1999. THE QUANTITIES SHOWN INCLUDE SOME ALLOWANCES FOR ADDITIONAL GROWTH BEFORE ACTUAL CONSTRUCTION TAKES PLACE.
TREE REMOVAL (6 TO 15 INCH DIAMETER), PAY ITEM NO. 20100110.
TREE REMOVAL (OVER 15 INCH DIAMETER), PAY ITEM NO. 20100210.
- THE ENGINEER WILL MEASURE THE DIAMETER OF EACH TREE TO BE REMOVED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 24 HOURS PRIOR TO REMOVAL. FAILURE TO DO SO WILL RESULT IN PAYMENT OF TREE REMOVAL BASED ON PLAN MEASUREMENT.
- EXISTING MAILBOXES WILL NEED TO BE RELOCATED AND MAINTAINED IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATION.
- PRIOR TO INITIATION OF CONSTRUCTION, THE CONTRACTOR WILL COORDINATE WITH THE LOCAL AGENCIES TO ENSURE CONTINUOUS EMERGENCY SERVICE DURING THE CONSTRUCTION PHASE OF THE PROJECT.
POLICE AND FIRE CONTACT:

FIRE CHIEF: CHUCK EXNER
PHONE: (708)235-4833

POLICE CHIEF: MELVIN DAVIS
PHONE: (708)235-4748

GENERAL NOTES, CONTINUED

- THE CONTRACTOR SHALL ERECT TEMPORARY FENCING (ITEM NO. 20101000) AT THE LIMITS OF CONSTRUCTION TO PREVENT INADVERTENT AND UNINTENTIONAL INTRUSIONS BY CONSTRUCTION EQUIPMENT AND PERSONNEL INTO SENSITIVE AREAS, SUCH AS WETLANDS, STREAMS, RETENTION PONDS, HIGH QUALITY TREES OR SECTION 4(f) LANDS. SIGNS WILL ALSO BE ERECTED WITH THE FENCING WARNING OF SENSITIVE AREAS.
- THE CONTRACTOR SHALL ARRANGE WITH THE VARIOUS UTILITY COMPANIES FOR THE LOCATION AND ANY NECESSARY ADJUSTING OF THE PRIVATELY OWNED OVERHEAD OR UNDERGROUND UTILITIES WITHIN THE LIMITS OF CONSTRUCTION.
- IN ADDITION TO THE AREAS VARYING 12"-18" SHOWN IN THE PLANS, 522 CY OF AGGREGATE SUBGRADE IMPROVEMENT, HAS BEEN PROVIDED FOR LOCATIONS WHERE SOILS TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL). IF UNSTABLE AND/OR UNSUITABLE MATERIALS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- ANTICIPATED AREAS OF AGGREGATE SUBGRADE IMPROVEMENT PLACEMENT ARE SHOWN ON THE CROSS SECTIONS. THE THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT WILL VARY.
26. EARTH EXCAVATION SHALL BE PAID FOR ONLY ONCE, REGARDLESS OF STAGING. STOCK PILING OF MATERIALS FOR LATER USE AND REDISTRIBUTION SHALL BE DONE AT THE CONTRACTOR'S EXPENSE. STOCK PILING NECESSARY FOR RESPREADING IN SHOULDERS, CONSTRUCTING EMBANKMENTS, CUT OR BORROW AREAS SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE FOR EARTH EXCAVATION.
- CONTRACTOR SHALL TAKE ALL APPROPRIATE MEASURES NECESSARY TO ASSURE THAT FRAMES AND LIDS FOR STRUCTURES INSTALLED IN THE PROPOSED PAVEMENT ARE ROTATED SO AS NOT TO BE IN THE VEHICLES "WHEEL LANE". ANY FRAMES AND LIDS, WHERE AVAILDABLE, CONSTRUCTED WITHIN THE VEHICLES "WHEEL LANE", WILL BE READJUSTED AT THE CONTRACTOR'S EXPENSE.
- FRAME AND GRATES OF ALL OTHER CASTINGS REMOVED FROM EXISTING VILLAGE OR STATE R.O.W. SHALL REMAIN THE PROPERTY OF THE VILLAGE OR STATE AND SHALL BE STOCKPILED BY THE CONTRACTOR WITHIN THE EXISTING R.O.W. LIMITS.
29. BEFORE FINAL ACCEPTANCE OF THE PROJECT, ALL PROPOSED AND EXISTING STORM SEWER LINES AND STRUCTURES SHALL BE CLEANED AS DIRECTED BY THE ENGINEER. CLEANING OF PROPOSED STORM SEWER LINES AND STRUCTURES IS CONSIDERED TO BE INCLUDED IN THE COST OF THE DRAINAGE ITEM. ALL EXISTING STORM SEWER PIPES TO REMAIN SHALL BE CLEANED AND PAID FOR AS ITEM NO. Z0018500 "DRAINAGE STRUCTURE TO BE CLEANED".
- THE STANDARD DRAWINGS LISTED IN THE PLANS ARE INTENDED TO BE THE LATEST REVISIONS AND SHALL TAKE PRECEDENCE OVER EARLIER REVISIONS THAT MAY BE REFERRED TO ELSEWHERE IN THE PLANS OR SPECIAL PROVISIONS.
- ALL DISTRIBUTORS FOR HOT-MIX ASPHALT PRIMING OPERATIONS SHALL BE EQUIPPED WITH SHIELDS TO PREVENT DAMAGES TO MOTORIST, VEHICLES, AND TO ADJACENT ROADWAY APPURTENANCE.
- ALL CASTINGS WITHIN OR ADJACENT TO PAVEMENT STRUCTURES SHALL BE LEFT 3/8" BELOW THE SURFACE AND CONSTRUCTION AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES FROM 7:00a.m. TO 7:00p.m. MONDAY THROUGH FRIDAY AND 7:00a.m. TO 4:00p.m. ON SATURDAY, NO SUNDAY WORK WILL BE PERMITTED. THIS TIME PERIOD INCLUDES VEHICLE MAINTENANCE AND REFUELING.
- THE UNIT WEIGHT PROVIDED IN THE IDOT HOT-MIX ASPHALT MIX SELECTION CHART SHOULD BE USED TO CALCULATE ALL HOT MIX SURFACE QUANTITIES.
- THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.

REMOVAL NOTES

- REMOVAL OF GRAVEL DRIVEWAYS AND GRAVEL SHOULDERS SHALL BE MEASURED AND PAID FOR AS PART OF ITEM NO. 20200100, "EARTH EXCAVATION".
- REMOVAL OF HOT-MIX ASPHALT CONCRETE DRIVEWAYS, HOT-MIX ASPHALT SHOULDERS, BIKEPATH AND ENTRANCES REGARDLESS OF DEPTH SHALL BE MEASURED AND PAID FOR AS ITEM NO. 44000100, "PAVEMENT REMOVAL".
- ALL DRIVEWAY CULVERTS, ROADWAY BOX CULVERTS AND SIMILAR TYPE DRAINAGE PIPE TO BE REMOVED SHALL BE MEASURED AND PAID FOR, REGARDLESS OF TYPE, SIZE AND MATERIALS, AS ITEM NO. 50105220, "PIPE CULVERT REMOVAL" AND ITEM NO. 50105200, "REMOVE EXISTING CULVERTS STORM SEWER TO BE REMOVED SHALL BE PAID BY THE RESPECTIVE DIAMETER, REGARDLESS OF MATERIAL.
- ALL DRIVEWAY CULVERTS, STORM SEWER, ROADWAY BOX CULVERTS AND SIMILAR TYPE DRAINAGE PIPE REMOVED, SHALL BE BACK FILLED WITH TRENCH BACKFILL ACCORDING TO SECTION 208 OF THE STANDARD SPECIFICATIONS. TRENCH BACKFILL FOR PIPE REMOVALS WILL BE MEASURED SEPARATELY FOR PAYMENT. THE QUANTITIES ARE INDICATED ON THE PLANS.
- EXISTING END SECTIONS TO BE REMOVED SHALL BE MEASURED PER EACH. HEADWALLS TO BE REMOVED SHALL BE MEASURED PER EACH.
- FRAME AND LID ADJUSTMENTS FOR PUBLIC UTILITIES WITHIN THE PROJECT LIMITS WILL BE DONE BY THEIR RESPECTIVE OWNERS, UNLESS OTHERWISE NOTED.
- SAWCUTTING WILL NOT BE PAID FOR SEPARATELY BUT SHOULD BE CONSIDERED INCLUDED IN THE COST OF THE ITEMS BEING REMOVED. SAWCUTTING FOR PAVEMENT PATCHING SHALL BE PAID FOR AS ITEM NO. 44213200 "SAW CUTS", PER ARTICLE 442.11.
- ALL PRIVATE SIGNS WILL BE RELOCATED BY PROPERTY OWNER PRIOR TO THE START OF CONSTRUCTION.

DRAINAGE NOTES

- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINAGE AND SEWERS AND DISCHARGE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL PERMANENT CONNECTIONS WITH SEWERS ARE BUILT, AND IN SERVICE, THIS WORK SHALL NOT BE PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE COST OF STORM SEWER ITEMS BEING INSTALLED.
- LINE AND GRADE FOR ALL PROPOSED STORM SEWER SHALL BE SET BY USE OF A LASER. DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. GRADES OF EXISTING SEWER LINES WERE DETERMINED FROM AVAILABLE PLANS AND SURVEY. THE INVERTS OF THE PROPOSED DRAINAGE MAY REQUIRE REVISION TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER.
- ADDITIONAL DEPTH REQUIRED IN DRAINAGE STRUCTURES DUE TO CONFLICTS WITH OTHER UTILITY FACILITIES SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR THE DRAINAGE STRUCTURE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONNECTION OF ALL EXISTING STORM SEWERS INTO THE PROPOSED STORM SEWER SYSTEM SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER SYSTEM.
- THE COST OF TRANSITIONING OR RESHAPING PROPOSED AND EXISTING DITCHES (IF REQUIRED) SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION PER ARTICLE 202.05.
- THE OFFSETS TO DRAINAGE STRUCTURES LOCATED IN THE CURB LINE ARE MEASURED TO THE EDGE OF PAVEMENT AND NOT TO THE CENTER OF THE STRUCTURE. THE OFFSETS TO DRAINAGE STRUCTURES LOCATED OUTSIDE THE CURB LINE ARE MEASURED TO THE CENTER OF THE STRUCTURE.
- ANY FARM DRAIN, FIELD TILE SYSTEM OR OTHER UNDERGROUND TILE FACILITY ENCOUNTERED IN THE WORK SHALL BE LOCATED AND STAKED AND REPORTED TO THE RESIDENT ENGINEER. ANY DRAINAGE LINES WHICH ARE CUT OR DAMAGED BY GRADING, TRENCHING, EXCAVATING OR OTHER CONSTRUCTION ACTIVITIES SHALL BE REPAIRED SO AS TO MAINTAIN ITS ORIGINAL ALIGNMENT. IF THIS CANNOT BE ACCOMPLISHED, THE TILE SHALL BE REPAIRED AND CONNECTED TO THE PROPOSED STORM SEWER SYSTEM IN SUCH A MANNER AS TO RENDER THE LINES USABLE FOR THE PURPOSES INTENDED. THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS.

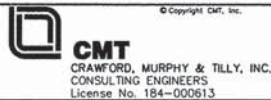
PAVEMENT MARKING NOTES:

- ALL PAVEMENT MARKINGS ON CICERO AVENUE SHALL BE POLYUREA PAVEMENT MARKINGS - TYPE I. ALL OTHER PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFIED.
- ALL SIGN POSTS ON CICERO AVENUE SHALL BE METAL POSTS IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 720011. ALL OTHER SIGN POSTS SHALL BE TELESCOPING STEEL POSTS UNLESS OTHERWISE NOTED.
- ALL CURB 10' UPSTATION AND 10' DOWNSTATION OF FIRE HYDRANTS SHALL BE PAINTED WITH YELLOW POLYUREA PAVEMENT MARKING AND PAID FOR AS ITEM #78008300 - POLYUREA PAVEMENT MARKING TYPE II - LETTERS & SYMBOLS - 50 FT".
- THE RESIDENT ENGINEER SHALL CONTACT MR. CORY JUCIUS, ARTERIAL TRAFFIC OPERATION ENGINEER AT (847) 705-4411 A MINIMUM OF TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

MISCELLANEOUS PLAN NOTES:

- ALL ACCESSIBILITY RAMPS SHALL MEET CURRENT ADA STANDARDS AND BE TEXTURED AND COLORED IN ACCORDANCE WITH IDOT STANDARD 424001 AND THE SPECIAL PROVISIONS.
- THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
- UNIVERSITY PARKWAY, WEST OF THE PROJECT TERMINUS, IS TO BE RECONSTRUCTED BY OTHERS. THE GENERAL CONTRACTOR IS TO COORDINATE WITH IDOT CONCERNING THIS OTHER PROJECT AND ITS SCHEDULE, PARTICULARLY CONCERNING THE MAINTENANCE OF TRAFFIC.

L:\UNIVPARK\0322005_Section1\Draw\CAD_Sheets\gennotes_2.dgn
DIRECTOR - 12/24/2013



USER NAME = Adham Odeh	DESIGNED - AS	REVISED -
FILE NAME: gennotes_2.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 50,0000 ' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013 - 12:56:26 PM	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: N/A SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	3
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	115	115		
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	159	159		
	20101100	TREE TRUNK PROTECTION	EACH	6	6		
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	6	6		
	20200100	EARTH EXCAVATION	CU YD	11,196	11,196		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7,666	7,666		
	20800150	TRENCH BACKFILL	CU YD	1,977	1,977		
	21001000	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	18,630	18,630		
*	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	19,240	19,240		
*	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	2,572	2,572		
*	21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	2,572	2,572		
	21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	100	100		
*	25000210	SEEDING, CLASS 2A	ACRE	2.4	2.4		
*	25000310	SEEDING, CLASS 4	ACRE	0.6	0.6		
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	270	270		
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	270	270		
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	270	270		
*	25100630	EROSION CONTROL BLANKET	SQ YD	12,180	12,180		
*	25200110	SODDING, SALT TOLERANT	SQ YD	9,235	9,235		
*	25200200	SUPPLEMENTAL WATERING	UNIT	100	100		
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	485	485		
	28000305	TEMPORARY DITCH CHECKS	FOOT	47	47		
	28000400	PERIMETER EROSION BARRIER	FOOT	4,144	4,144		
	28000500	INLET AND PIPE PROTECTION	EACH	54	54		
	28100105	STONE RIPRAP, CLASS A3	SQ YD	53	53		
	28200200	FILTER FABRIC	SQ YD	53	53		

SPECIALTY ITEM	PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	3,767	3,767		
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	18,630	18,630		
	31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	357	357		
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	303	303		
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	3,662	3,662		
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	95	95		
	35501314	HOT-MIX ASPHALT BASE COURSE, 7 1/2"	SQ YD	14,900	14,900		
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	208	208		
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	1,000	1,000		
	40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	31	31		
	40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT	SQ YD	72	72		
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	2,591	2,591		
	40600990	TEMPORARY RAMP	SQ YD	200	200		
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	425	425		
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,913	1,913		
	42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	2,103	2,103		
	42001300	PROTECTIVE COAT	SQ YD	4,300	4,300		
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	185	185		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	990	990		
	42400800	DETECTABLE WARNINGS	SQ FT	164	164		
	44000100	PAVEMENT REMOVAL	SQ YD	10,933	10,933		
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	525	525		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	442	442		

NOTE:

- △ = CONSTRUCTION CODE 0042
- * = SPECIALTY ITEM
- # = NON-PARTICIPATING ITEM (100% LOCAL FUNDS)

L:\JUNIPARK\0322005_Section\00-CADD_Sheets\sumqty.dgn 3/24/2014



USER NAME = Adham Odeh	DESIGNED - AS	REVISED -
FILE NAME = sumqty.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 50.0000' / 1" =	CHECKED - KDN	REVISED -
PLOT DATE = 3/24/2014 - 3:23:38 PM	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A	SHEET 1 OF 4 SHEETS	STA. N/A TO STA. N/A	F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 4	CONTRACT NO. 63709
ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	44003100	MEDIAN REMOVAL	SQ FT	12,286	12,286		
	44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	30	30		
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	360	360		
	48203033	HOT-MIX ASPHALT SHOULDERS, 9"	SQ YD	1,270	1,270		
	48203041	HOT-MIX ASPHALT SHOULDERS, 11"	SQ YD	40	40		
	50104400	CONCRETE HEADWALL REMOVAL	EACH	4	4		
	50105220	PIPE CULVERT REMOVAL	FOOT	645	645		
	54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	176	176		
	54214305	END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	1	1		
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	333	333		
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	236	236		
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	306	306		
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	931	931		
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	606	606		
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	51	51		
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	254	254		
	550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	484	484		
	550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	24	24		
	550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	157	157		
	55100500	STORM SEWER REMOVAL 12"	FOOT	51	51		
*	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	109	109		
*	56103400	DUCTILE IRON WATER MAIN 16"	FOOT	91	91		
*	56107500	REMOVE AND RELOCATE WATERMAIN 16"	FOOT	25	25		
*	56400100	FIRE HYDRANTS TO BE MOVED	EACH	8	8		
*	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1		
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	1	1		

SPECIALTY ITEM	PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	324	324		
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3		
	60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2		
	60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	5	5		
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4		
	60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	7	7		
	60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	1		
	60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2		
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	14	14		
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4	4		
	60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
	60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	3	3		
	60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	8	8		
	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4	4		
	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	15	15		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	623	623		
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	5,842	5,842		
	60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	914	914		
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3,580	3,580		
	60620800	CONCRETE MEDIAN, TYPE SB-9.12	SQ FT	3,311	3,311		
*	66500105	WOVEN WIRE FENCE, 4'	FOOT	88	88		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	95	95		
*	66900450	SPECIAL WASTE PLANS AND REPORTS	L. SUM	1	1		
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18		

NOTE:

- △ = CONSTRUCTION CODE 0042
- * = SPECIALTY ITEM
- # = NON-PARTICIPATING ITEM (100% LOCAL FUNDS)

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 2 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 5
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	

S:\FILES\1116\2013\03

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME = sumqt_2.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	67100100	MOBILIZATION	L SUM	1	1		
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,340	1,340		
	70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	316	316		
	70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	18,807	18,807		
	70300280	TEMPORARY PAVEMENT MARKING-LINE 24"	FOOT	75	75		
	70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	1,664	1,664		
	70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	47,445	47,445		
	70300540	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	4,202	4,202		
	70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	189	189		
	70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	1,395	1,395		
	70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	764	764		
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	30,003	30,003		
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	200	200		
	70600235	IMPACT ATTENUATORS, TEMPORARY (FULLY DIRECTIVE), TEST LEVEL 2	EACH	4	4		
*	72000100	SIGN PANEL - TYPE 1	SQ FT	223	223		
*	72000200	SIGN PANEL - TYPE 2	SQ FT	62	62		
*	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4		
*	72900100	METAL POST - TYPE A	FOOT	374	374		
*	72900200	METAL POST - TYPE B	FOOT	276	276		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	349	349		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	14,516	14,516		
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,451	1,451		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,346	1,346		
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	23	23		
*	78008300	POLYUREA PAVEMENT MARKING TYPE II - LETTERS AND SYMBOLS	SQ FT	177	177		
*	78008310	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	FOOT	2,530	2,530		

SPECIALTY ITEM	PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
*	78008330	POLYUREA PAVEMENT MARKING TYPE II - LINE 6"	FOOT	883	883		
*	78008350	POLYUREA PAVEMENT MARKING TYPE II - LINE 12"	FOOT	565	565		
*	78008370	POLYUREA PAVEMENT MARKING TYPE II - LINE 24"	FOOT	176	176		
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	1,000	1,000		
*	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1	1		
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,434			1,434
*	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	126			126
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	357			357
*	81400100	HANDHOLE	EACH	5			5
*	81400200	HEAVY-DUTY HANDHOLE	EACH	6			6
*	81400300	DOUBLE HANDHOLE	EACH	1			1
*	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1			1
*	86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1			1
*	86400100	TRANSCIEVER-FIBER OPTIC	EACH	1			1
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	821			821
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	1,154			1,154
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	870			870
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	1,930			1,930
#	87301295	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	305		305	
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,901			1,901
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	72			72
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	477			477
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4			4
*	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1			1
*	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1			1

NOTE:

- △ = CONSTRUCTION CODE 0042
- * = SPECIALTY ITEM
- # = NON-PARTICIPATING ITEM (100% LOCAL FUNDS)

FILES
12/24/2013



USER NAME = oodeh	DESIGNED - AS	REVISED -
FILE NAME = sumqtg_3.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 3 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	6
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	

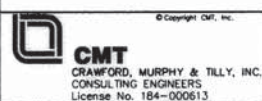
SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
*	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1			1
*	87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1			1
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16			16
*	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4			4
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56			56
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5			5
*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3			3
*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5			5
*	88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1			1
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4			4
*	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	10			10
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	9			9
*	88600100	DETECTOR LOOP, TYPE I	FOOT	825			825
*	88600700	PREFORMED DETECTOR LOOP	FOOT	302			302
* #	88700200	LIGHT DETECTOR	EACH	2		2	
* #	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1		1	
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	4			4
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1
*	89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1			1
*	A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	24	24		
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
	Z0018913	DRILL AND GROUT #8 TIE BARS	EACH	530	530		
	Z0019600	DUST CONTROL WATERING	UNIT	10	10		
	Z0020900	ESTABLISHING AND REFERENCING LAND SECTION MARKERS	EACH	2	2		
	Z0022800	FENCE REMOVAL	FOOT	128	128		

NOTE:

- △ = CONSTRUCTION CODE 0042
- * = SPECIALTY ITEM
- # = NON-PARTICIPATING ITEM (100% LOCAL FUNDS)

SPECIALTY ITEM	PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	Z0025505	PROPERTY MARKERS	EACH	30	30		
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	112	112		
*	Z0041900	POLYETHYLENE ENCASEMENT	FOOT	200	200		
	Z0055905	TEMPORARY CONSTRUCTION FENCE	FOOT	1,000	1,000		
	Z0056608	STORM SEWERS (WATERMAIN REQUIREMENTS) 12 INCH	FOOT	170	170		
	Z0056610	STORM SEWERS (WATERMAIN REQUIREMENTS) 15 INCH	FOOT	163	163		
	Z0056616	STORM SEWERS (WATERMAIN REQUIREMENTS) 24 INCH	FOOT	330	330		
	Z0062456	TEMPORARY PAVEMENT	SQ YD	7,139	7,139		
*	Z0068200	STEEL CASINGS 30"	FOOT	86	86		
△	Z0076600	TRAINEES	HOUR	1,000	1,000		
△	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000		
	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	3	3		
	X2090215	SELECT GRANULAR BACKFILL, SPECIAL	CU YD	38	38		
	X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	55,600	55,600		
	X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	7,139	7,139		
	X5424505	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546, SPECIAL	EACH	4	4		
* #	X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	87		87	
*	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	566	566		
*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	7	7		
*	X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1	1		
*	X6026632	VALVE BOXES TO BE REMOVED	EACH	1	1		
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
	X7240205	REMOVE SIGN COMPLETE	EACH	12	12		
	XX000856	MAILBOX REMOVAL AND RELOCATION	EACH	1	1		
	XX001095	MAILBOX REMOVAL AND REPLACEMENT	EACH	1	1		
	XX008455	INLET BOX, SPECIAL	EACH	1	1		



USER NAME = A D	DESIGNED - AS	REVISED -
FILE NAME:	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = PM	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	7
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	

PROPOSED DRAINAGE STRUCTURE TABLE							
STRUCTURE NUMBER	LOCATION	TYPE	RIM ELEV.	INVERT (NORTH)	INVERT (SOUTH)	INVERT (WEST)	INVERT (EAST)
45	120+10 55' LT	FLUSH MEDIAN INLET	770.96		765.15		
46	120+10 19' LT	MANHOLE, TYPE A, 5' DIA TYPE 24	770.02	764.73	764.63		
47	120+10 19' RT	MANHOLE, TYPE A, 6' DIA TYPE 24	770.02	763.87	765.00	763.58	764.42
48	120+10 34' RT	INLET, TYPE A TYPE 8	767.40	765.16			
49	122+20 31' LT	INLET, TYPE A TYPE 8	771.07		767.98		
50	122+20 19' LT	INLET, TYPE B TYPE 24	772.19	767.82	767.72		
51	122+20 19' RT	MANHOLE, TYPE A, 6' DIA TYPE 24	772.19	766.96	766.96	766.86	766.96
52	122+20 34' RT	INLET, TYPE A TYPE 8	770.07	767.12			
53	123+00 19' RT	MANHOLE, TYPE A, 5' DIA TYPE 24	773.02		767.55	767.45	767.55
54	123+00 34' RT	INLET, TYPE A TYPE 8	770.40	767.64			
55	124+55 31' LT	INLET, TYPE A TYPE 8	773.50		770.40		
56	124+55 19' LT	INLET, TYPE B TYPE 24	774.62	770.00	769.90		
57	124+55 19' RT	MANHOLE, TYPE A, 5' DIA TYPE 24	774.62	769.52	769.52	768.52	769.02
58	124+55 34' RT	INLET, TYPE A TYPE 8	773.50	769.61			
59	126+92 55' LT	FLUSH MEDIAN INLET	778.46		773.42		
60	126+91 31' LT	INLET, TYPE B TYPE 8	776.78	773.21	773.11		
61	126+90 19' LT	INLET, TYPE B TYPE 24	777.90	772.89	772.88		
62	126+90 19' RT	MANHOLE, TYPE A, 4' DIA TYPE 24	777.90	772.50	771.37	770.62	
63	126+90 34' RT	MANHOLE, TYPE A, 4' DIA TYPE 1 CLOSED LID	775.39	771.41			771.51

PROPOSED DRAINAGE STRUCTURE TABLE							
STRUCTURE NUMBER	LOCATION	TYPE	RIM ELEV.	INVERT (NORTH)	INVERT (SOUTH)	INVERT (WEST)	INVERT (EAST)
64	128+25 31' LT	INLET, TYPE A TYPE 8	778.40		776.11		
65	128+25 39' RT	MANHOLE, TYPE A, 4' DIA TYPE 1 CLOSED LID	780.14	774.87		774.52	774.62
66	130+18 55' LT	FLUSH MEDIAN INLET	784.10		778.44		
67	130+18 30.5' LT	INLET, TYPE B TYPE 8					
68	130+18 19' LT	INLET, TYPE B TYPE 24	784.38	778.12	778.02		
69	130+18 19' RT	INLET, TYPE B TYPE 24	784.38	777.82	777.72		777.82
70	130+18 34' RT	MANHOLE, TYPE A, 4' DIA TYPE 1 CLOSED LID	783.63	777.52		777.27	
71	132+50 19' LT	INLET, TYPE B TYPE 8	788.96		780.59		
72	132+50 19' RT	INLET, TYPE B TYPE 24	788.96	780.21		780.11	
73	132+50 20' LT	INLET, TYPE A TYPE 24					
74	135+73.11 23.4' LT	INLET, TYPE B TYPE 1 CLOSED LID	791.04			788.07	784.09
75	136+85 19' LT	INLET, TYPE B TYPE 24	789.08		782.90	783.00	
76	136+85 19' RT	MANHOLE, TYPE A, 5' DIA TYPE 24	789.08	783.01	782.91		
77	136+85 37' RT	INLET, TYPE A TYPE 8	786.46	782.85			782.60
78	138+35 32' LT	INLET, TYPE A TYPE 8	786.21		782.93		
79	138+35 22.52' LT	INLET, TYPE B TYPE 24	787.26	782.81	782.71		
80	138+35 19' RT	MANHOLE, TYPE A, 5' DIA TYPE 24	787.33	781.89	781.79		
81	138+35 37' RT	INLET, TYPE A TYPE 8	785.01	781.53		781.28	781.18
82	140+22 26.58' LT	INLET, TYPE A TYPE 24	786.52		782.07		
83	140+22 19' RT	MANHOLE, TYPE A, 5' DIA TYPE 24	786.67	781.67	781.57		
84	140+40 37' RT	INLET, TYPE A TYPE 8	783.92	780.83		780.58	780.48

9FILES
12/24/2013



USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME: drnsch_2.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULES			
SCALE: N/A	SHEET 1	OF 2 SHEETS	STA. N/A TO STA. N/A

F.A.U. RTE. 1637	SECTION 96-0014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 8
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

PROPOSED DRAINAGE STRUCTURE TABLE							
STRUCTURE NUMBER	LOCATION	TYPE	RIM ELEV.	INVERT (NORTH)	INVERT (SOUTH)	INVERT (WEST)	INVERT (EAST)
85	141+44 30.65' LT	INLET, TYPE A TYPE 24	786.06		781.70		
86	141+44 19' RT	MANHOLE, TYPE A, 5' DIA TYPE 24	786.29	781.45	781.35		
87	141+44 37' RT	INLET, TYPE A TYPE 8	783.67	780.43		780.18	779.93
88	142+61 34.56' LT	INLET, TYPE A TYPE 24	785.69		781.17		
89	142+61 19' RT	MANHOLE, TYPE A, 4' DIA TYPE 24	786.00	780.89	779.96	779.69	779.59
90	142+61 37' RT	INLET, TYPE A TYPE 8	783.72	779.82			
91	199+58 55.54' LT	MANHOLE, TYPE A, 5' DIA TYPE 1 CLOSED LID	786.66	779.38	779.47	779.47	
92	199+12 55.16' LT	MANHOLE, TYPE A, 4' DIA TYPE 8	784.93	780.09			
93	200+87 56.59' LT	MANHOLE, TYPE A, 5' DIA TYPE 1 CLOSED LID	785.13	778.94	779.14		
94	202+68 60' LT	MANHOLE, TYPE A, 5' DIA TYPE 1 CLOSED LID	782.68	778.40	778.50		
95	205+18 60' LT	FLUSH MEDIAN INLET	780.00	777.90	778.00		
96	205+50 60' LT	SLOPE INLETBOX 30"			777.84		
97	145+70 45' RT	INLET, TYPE A TYPE 8	780.97				776.21
98	147+06 25.27' RT	MANHOLE, TYPE A, 4' DIA TYPE 24	781.47	774.62		774.87	
99	147+06 25.50' LT	MANHOLE, TYPE A, 4' DIA TYPE 24	781.46		774.11		773.86
100	148+80 31' LT	MANHOLE, TYPE A, 4' DIA TYPE 24	777.84			773.01	772.91
101	149+55 31' LT	MANHOLE, TYPE A, 4' DIA TYPE 8	776.96			772.55	772.45
102	152+15 31' LT	MANHOLE, TYPE A, 6' DIA TYPE 8	775.82			771.69	771.19
103	152+57 31' LT	MANHOLE, TYPE A, 5' DIA TYPE 1 CLOSED LID	775.63	771.08		771.08	
104	152+57 58' LT.	42" HEADWALL		771.00			

8FILES
12/24/2013



USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME: drnsch_3.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULES

SCALE: N/A SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

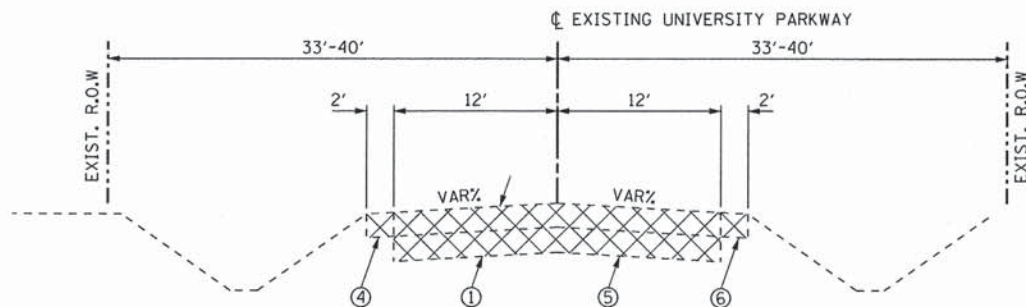
F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 9
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT

PROPOSED LEGEND

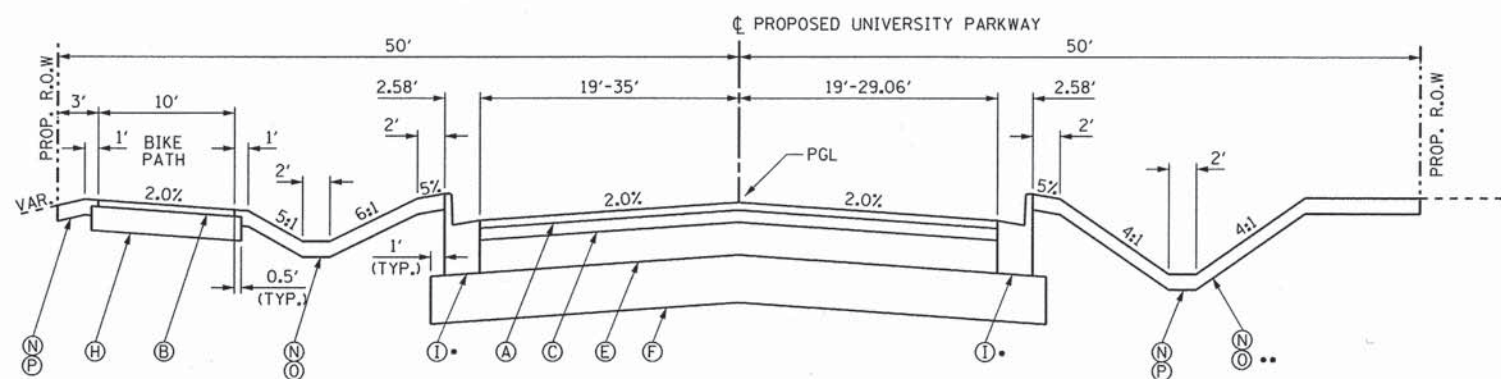
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0" (40603340)
- (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.0" (40603335)
- (C) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3" (40603085)
- (D) "NOT USED"
- (E) HOT-MIX ASPHALT BASE COURSE, 7.5" (35501314)
- (F) AGGREGATE SUBGRADE IMPROVEMENT 12", W/FABRIC (30300112/21001000)
- (G) SUB-BASE GRANULAR MATERIAL, TYPE B (31101100)
- (H) AGGREGATE BASE COURSE, TYPE B 8" (35102000)
- (I) COMBINATION CURB AND GUTTER, TYPE B-6.24 (60605000)
- (J) COMBINATION CURB AND GUTTER, TYPE B-9.12 (60605900)
- (K) CONCRETE MEDIAN SURFACE, 4" (60618300)
- (L) CONCRETE MEDIAN, TYPE SB-9.12 (60620800)
- (M) AGGREGATE SHOULDER, TYPE B 6" (48101500)
- (N) FURNISH AND PLACE TOPSOIL, 4" (21101615)
- (O) SODDING (SALT TOLERANT) (25200110)
- (P) SEEDING CLASS 2A W/ EROSION CONTROL BLANKET (25000210/25100630)
- (Q) PORTLAND CEMENT CONCRETE PAVEMENT, 11"- JOINTED (42000521)
- (R) DRILL AND GROUT TIE BARS, NO. 8 X 24" (Z0018913)
- (S) HOT-MIX ASPHALT SHOULDER, 9" (48203033)
- (T) EPOXY COATED, DEFORMED TIE BAR NO. 6, 24" LONG @ 24" C-C. (COST TO BE INCLUDED IN COST OF CURB & GUTTER OR CONCRETE MEDIAN OF TYPE SPECIFIED).
- (U) EPOXY COATED, DEFORMED TIE BARS NO. 6, 30" LONG @ 30" C-C. (COST TO BE INCLUDED IN COST OF CONCRETE PAVEMENT).
- (V) ADD HH EPOXY COATED, DEFORMED TIE BARS NO. 8, 30" LONG @ 30" C-C. (COST TO BE INCLUDED IN COST OF CONCRETE PAVEMENT).
- (W) POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1.0" (40600827)

EXISTING LEGEND

- (1) EXISTING PAVEMENT STRUCTURE: 3"-7.5" BITUMINOUS CONCRETE 4"-13.3" CRUSHED LIMESTONE
- (2) EXISTING PAVEMENT STRUCTURE: 10.6"-11.1" P.C. CONCRETE PAVEMENT 4.2"-6" BITUMINOUS CONCRETE
- (3) EXISTING PAVEMENT STRUCTURE: 13.3" CRUSHED LIMESTONE BASE
- (4) EXISTING AGGREGATE SHOULDER, VAR. THICKNESS (INCLUDED AS PART OF EXCAVATION)
- (5) EXISTING PAVEMENT STRUCTURE TO BE REMOVED
- (6) EXISTING AGGREGATE SHOULDER TO BE REMOVED (INCLUDED AS PART OF EXCAVATION)
- (7) EXISTING COMBINATION CONCRETE CURB AND GUTTER TO BE REMOVED
- (8) EXISTING CONCRETE MEDIAN OR MEDIAN SURFACE TO BE REMOVED

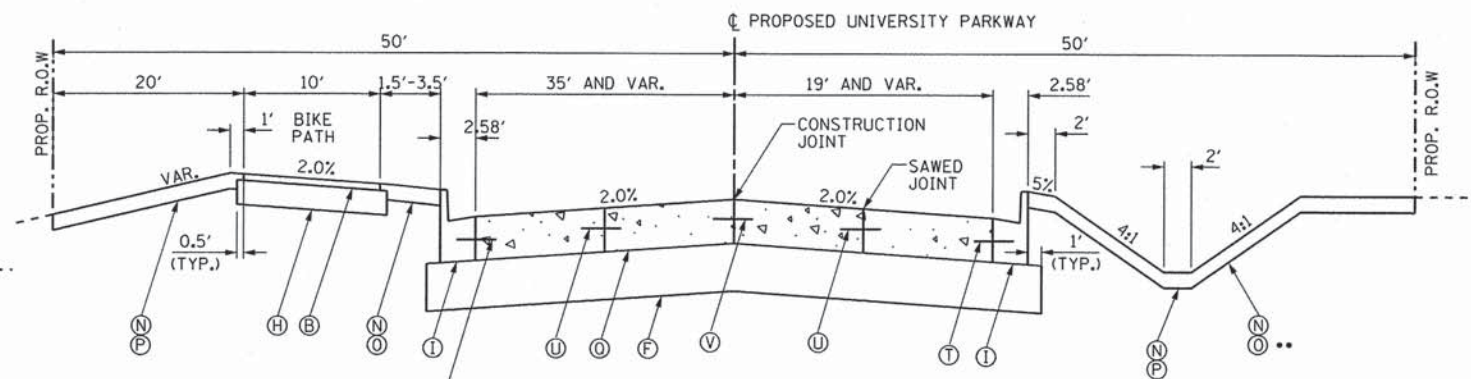


**EXISTING TYPICAL SECTION
STA. 118+57.26 TO STA. 149+63.02, UNIVERSITY PARKWAY**



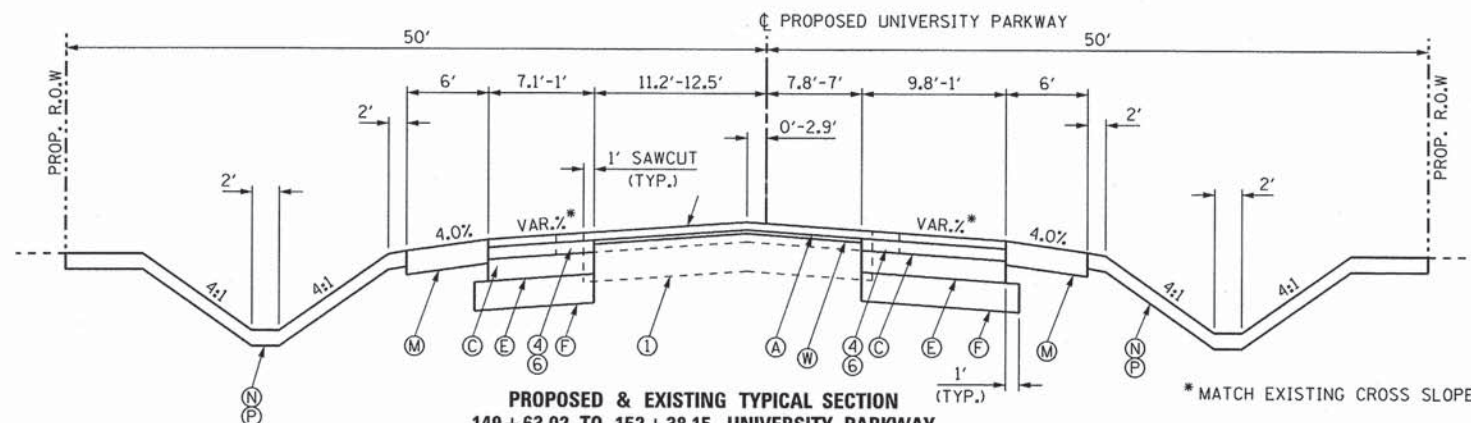
**PROPOSED TYPICAL SECTION
STA. 118+57.26 TO STA. 142+66.28, UNIVERSITY PARKWAY
STA. 144+51.38 TO STA. 149+63.02, UNIVERSITY PARKWAY**

• SEE PLAN & PROFILE SHEET 3 OF 4 FOR CURB TRANSITION LIMITS.
•• SEE LANDSCAPING AND EROSION CONTROL SHEET 5 OF 7 FOR LOCATIONS.



**PROPOSED TYPICAL SECTION
STA. 142+66.28 TO STA. 143+26.78, UNIVERSITY PARKWAY
STA. 143+90.99 TO STA. 144+51.38, UNIVERSITY PARKWAY**

NOTE: STA. 143+26.78 TO STA. 143+90.99
UNIVERSITY PARKWAY/CICERO
AVENUE INTERSECTION OMISSION.



**PROPOSED & EXISTING TYPICAL SECTION
149+63.02 TO 152+38.15, UNIVERSITY PARKWAY**

* MATCH EXISTING CROSS SLOPE

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
UNIVERSITY PARKWAY**

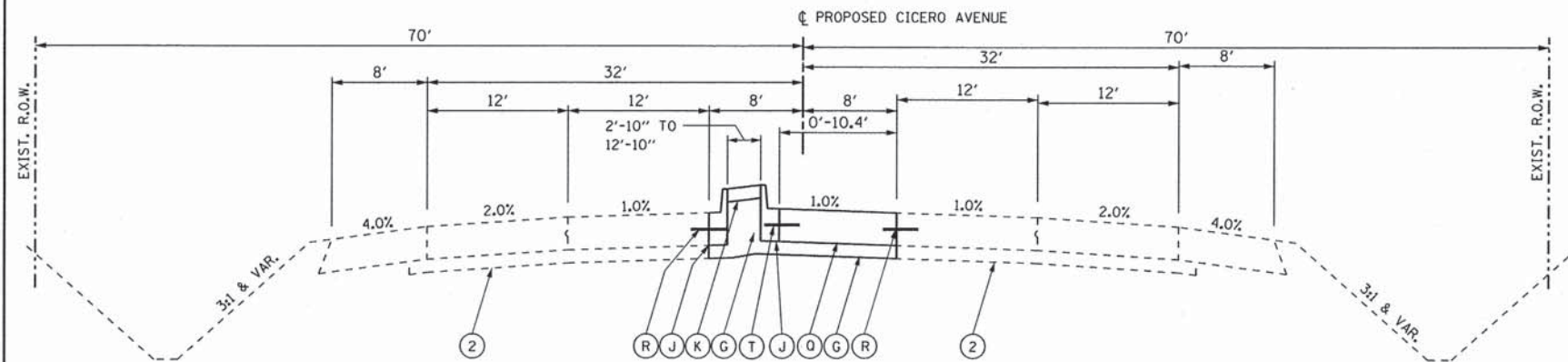
SCALE: N/A SHEET 1 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	10
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

FILE# 12/26/2013
 DIRECTORY

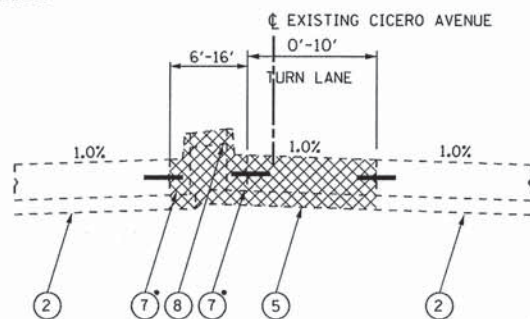
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = oodeh	DESIGNED - AS	REVISED -
FILE NAME: typical1.univpkwy.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -



**PROPOSED TYPICAL SECTION
STA. 194 + 52.40 TO STA. 196 + 79.91, CICERO AVENUE**

(G) THICKNESS UNDER PROPOSED PAVEMENT SHALL BE 4"



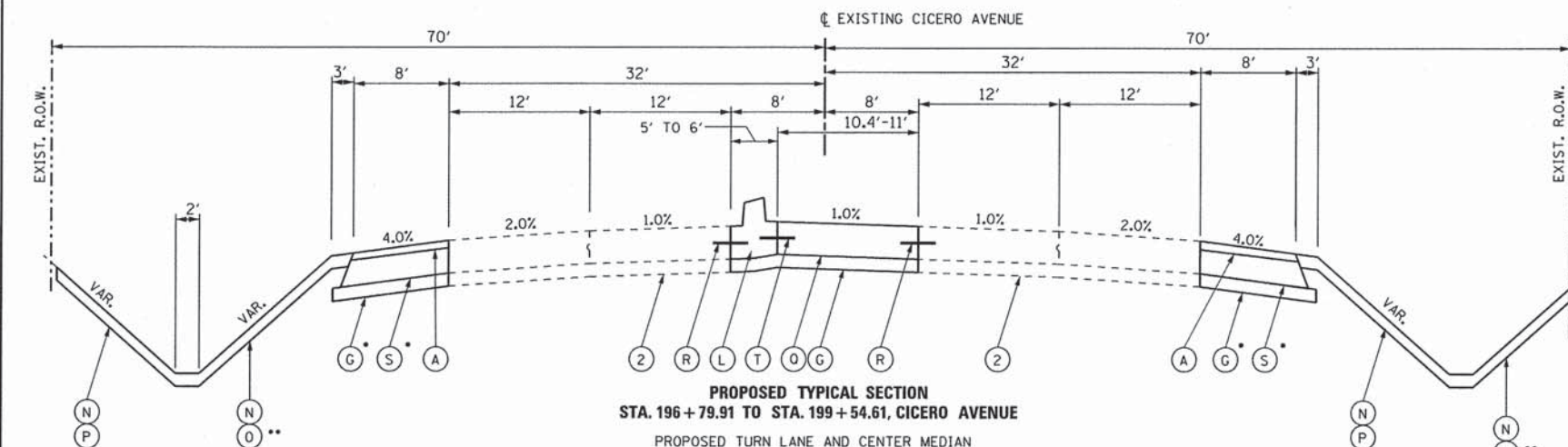
**EXISTING TYPICAL SECTION - REMOVALS
STA. 194 + 52.40 TO STA. 199 + 54.61, CICERO AVENUE**
• TYPE B-9.12 C & G

PROPOSED LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0" (40603340)
- (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.0" (40603335)
- (C) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3" (40603085)
- (D) "NOT USED"
- (E) HOT-MIX ASPHALT BASE COURSE, 7.5" (35501314)
- (F) AGGREGATE SUBGRADE IMPROVEMENT 12" W/FABRIC (30300112/21001000)
- (G) SUB-BASE GRANULAR MATERIAL, TYPE B (31101100)
- (H) AGGREGATE BASE COURSE, TYPE B 8" (35102000)
- (I) COMBINATION CURB AND GUTTER, TYPE B-6.24 (60605000)
- (J) COMBINATION CURB AND GUTTER, TYPE B-9.12 (60605900)
- (K) CONCRETE MEDIAN SURFACE, 4" (60618300)
- (L) CONCRETE MEDIAN, TYPE SB-9.12 (60620800)
- (M) AGGREGATE SHOULDER, TYPE B 6" (48101500)
- (N) FURNISH AND PLACE TOPSOIL, 4" (21101615)
- (O) SODDING (SALT TOLERANT) (25200110)
- (P) SEEDING CLASS 2A W/ EROSION CONTROL BLANKET (25000210/25100630)
- (Q) PORTLAND CEMENT CONCRETE PAVEMENT, 11"- JOINTED (42000521)
- (R) DRILL AND GROUT TIE BARS, NO. 8 X 24" (Z0018913)
- (S) HOT-MIX ASPHALT SHOULDER, 9" (48203033)
- (T) EPOXY COATED, DEFORMED TIE BAR NO. 6, 24" LONG @ 24" C-C. (COST TO BE INCLUDED IN COST OF CURB & GUTTER OR CONCRETE MEDIAN OF TYPE SPECIFIED).
- (U) EPOXY COATED, DEFORMED TIE BARS NO. 6, 30" LONG @ 30" C-C. (COST TO BE INCLUDED IN COST OF CONCRETE PAVEMENT).
- (V) ADD HH EPOXY COATED, DEFORMED TIE BARS NO. 8, 30" LONG @ 30" C-C. (COST TO BE INCLUDED IN COST OF CONCRETE PAVEMENT).
- (W) POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, (40600827)

EXISTING LEGEND

- (1) EXISTING PAVEMENT STRUCTURE:
3"-7.5" BITUMINOUS CONCRETE
4"-13.3" CRUSHED LIMESTONE
- (2) EXISTING PAVEMENT STRUCTURE:
10.6"-11.1" P.C. CONCRETE PAVEMENT
4.2"-6" BITUMINOUS CONCRETE
- (3) EXISTING PAVEMENT STRUCTURE:
13.3" CRUSHED LIMESTONE BASE
- (4) EXISTING AGGREGATE SHOULDER, VAR. THICKNESS
(INCLUDED AS PART OF EXCAVATION)
- (5) EXISTING PAVEMENT STRUCTURE TO BE REMOVED
- (6) EXISTING AGGREGATE SHOULDER TO BE REMOVED
(INCLUDED AS PART OF EXCAVATION)
- (7) EXISTING COMBINATION CONCRETE CURB AND GUTTER
TO BE REMOVED
- (8) EXISTING CONCRETE MEDIAN OR MEDIAN SURFACE
TO BE REMOVED



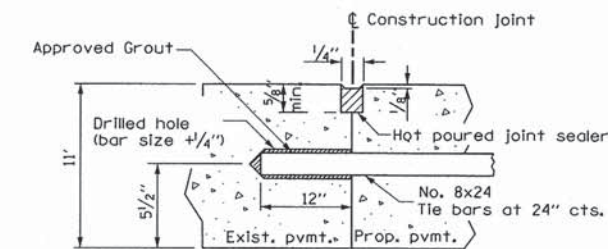
**PROPOSED TYPICAL SECTION
STA. 196 + 79.91 TO STA. 199 + 54.61, CICERO AVENUE**

PROPOSED TURN LANE AND CENTER MEDIAN
-STA. 196+79.91 TO STA. 199+54.61

- PROPOSED HOT-MIX ASPHALT SHOULDER AND PCC PVMT. WIDENING.
-LEFT SIDE: STA. 199+11.85 TO STA. 199+40.43
-RIGHT SIDE: STA. 199+11.74 TO STA. 199+31.79
-FOR DETAIL OF PCC PVMT WIDENING WITH CURB & GUTTER
(INTERSECTION), SEE "PAVEMENT WIDENING DETAIL" THIS SHEET.

(G) THICKNESS UNDER PROPOSED PCC PAVEMENT AND SHOULDERS SHALL BE 4"

** SEE LANDSCAPING AND EROSION CONTROL SHEET 6 OF 7 FOR LOCATIONS.



**LONGITUDINAL CONSTRUCTION JOINT ADJACENT
TO EXISTING CONCRETE PAVEMENT**
(TIE BAR GROUTED IN PLACE)

9/FILE# 12/26/2013

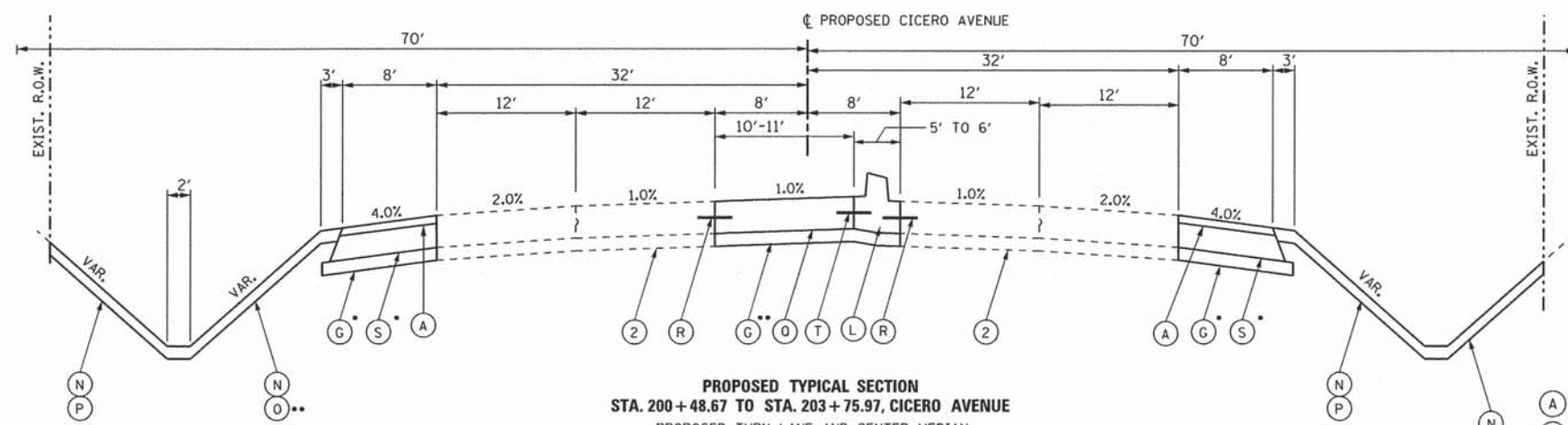
CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = oodeh	DESIGNED - AS	REVISED -
FILE NAME: typical_2.cicero.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 10.0000' / 1" =	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS CICERO AVENUE	
SCALE: N/A	SHEET 2 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	11
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



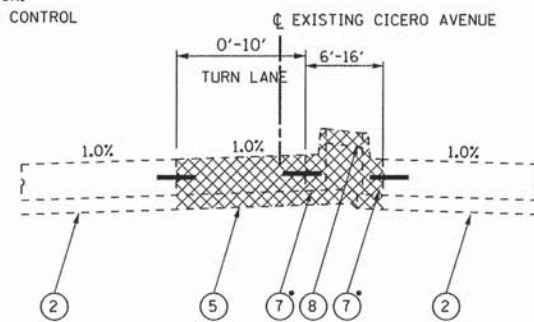
PROPOSED TYPICAL SECTION
STA. 200+48.67 TO STA. 203+75.97, CICERO AVENUE
 PROPOSED TURN LANE AND CENTER MEDIAN
 -STA. 200+48.67 TO STA. 203+75.97

- PROPOSED HOT-MIX ASPHALT SHOULDER AND PCC PVMT. WIDENING.
 -LEFT SIDE: STA. 201+40.20 TO STA. 201+36.05
 -RIGHT SIDE: STA. 201+15.22 TO STA. 201+38.14
 -FOR DETAIL OF PCC PVMT WIDENING WITH CURB & GUTTER (INTERSECTION), SEE "PAVEMENT WIDENING DETAIL" THIS SHEET.

(G) THICKNESS UNDER PROPOSED PCC PAVEMENT AND SHOULDERS SHALL BE 4"

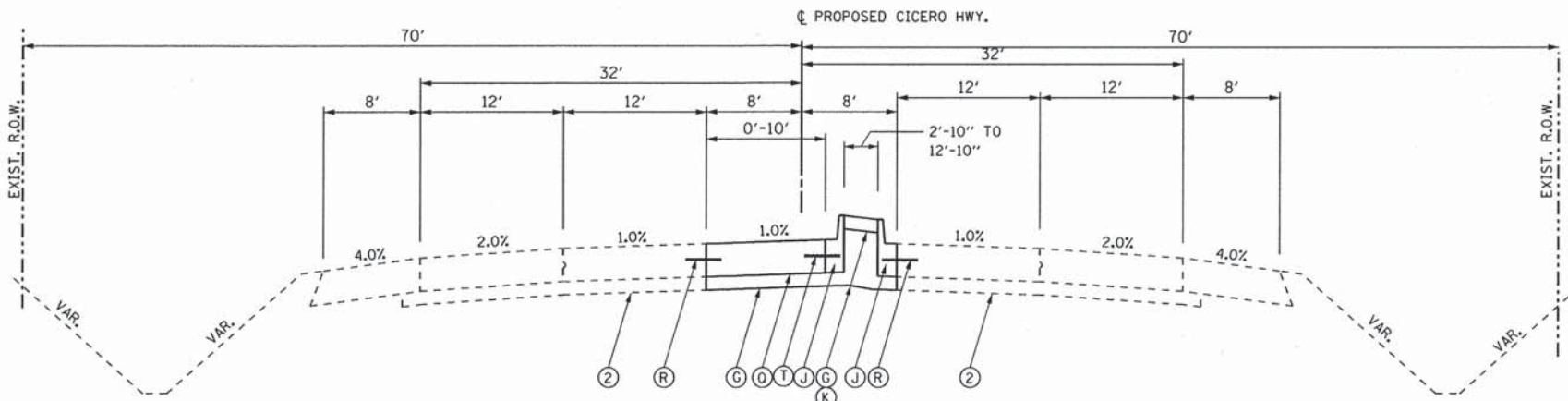
NOTE: STA. 199+54.61 TO STA. 200+48.67
 CICERO AVENUE/UNIVERSITY
 PARKWAY INTERSECTION OMISSION.

** SEE LANDSCAPING AND EROSION CONTROL SHEET 6 OF 7 FOR LOCATIONS.

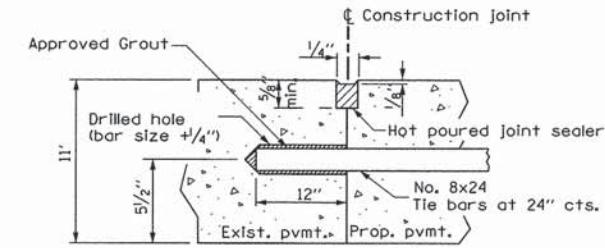


EXISTING TYPICAL SECTION - REMOVALS
STA. 200+48.67 TO STA. 206+03.11, CICERO AVENUE
 • TYPE B-9.12 CURB & GUTTER

NOTE: STA. 199+54.61 TO STA. 200+48.67
 CICERO AVENUE/UNIVERSITY
 PARKWAY INTERSECTION OMISSION.



PROPOSED TYPICAL SECTION
STA. 203+75.97 TO STA. 206+03.11, CICERO AVENUE



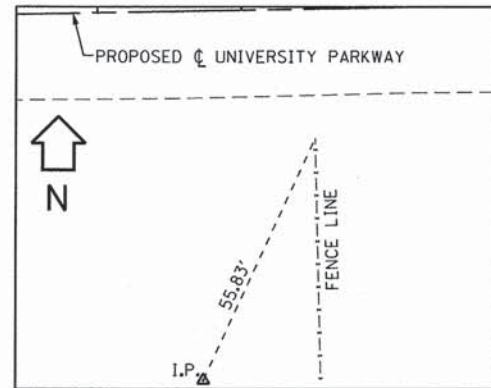
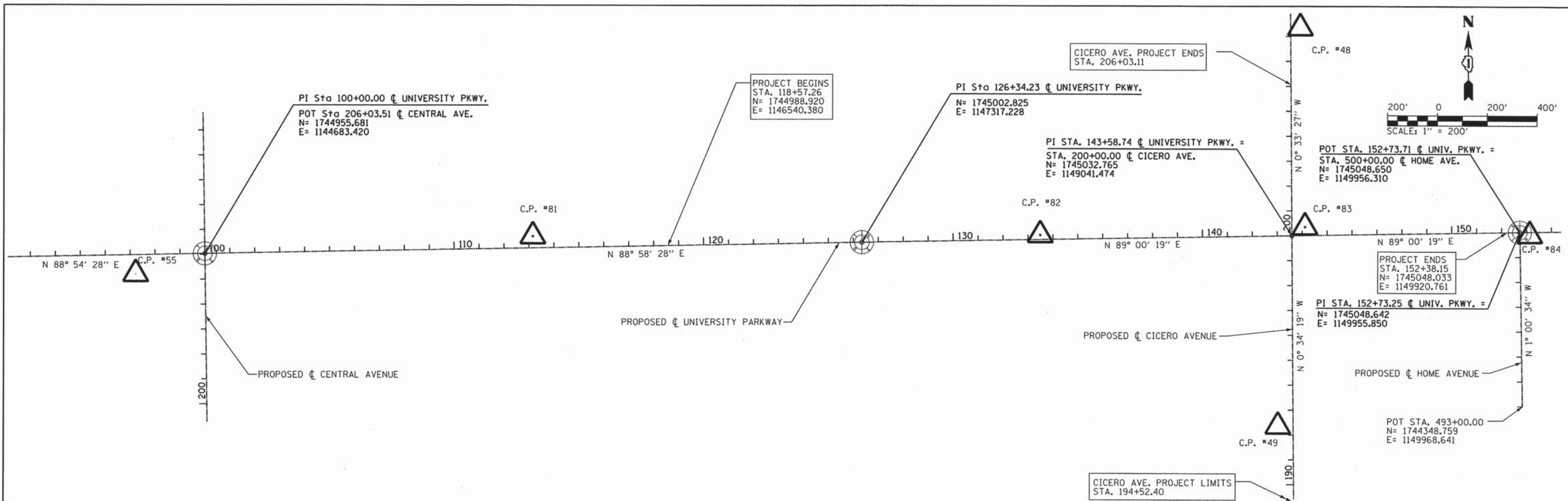
LONGITUDINAL CONSTRUCTION JOINT ADJACENT TO EXISTING CONCRETE PAVEMENT
 (TIE BAR GROUTED IN PLACE)

PROPOSED LEGEND

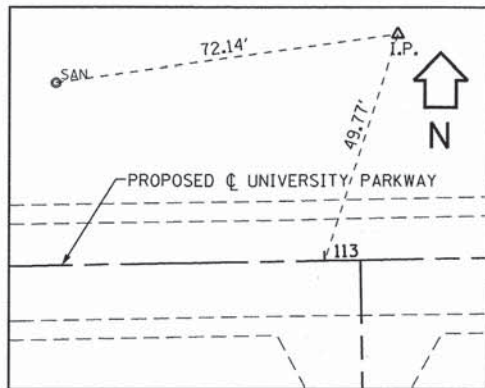
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0" (40603340)
- (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.0" (40603335)
- (C) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3" (40603085)
- (D) "NOT USED"
- (E) HOT-MIX ASPHALT BASE COURSE, 7.5" (35501314)
- (F) AGGREGATE SUBGRADE IMPROVEMENT 12", W/FABRIC (30300112/21001000)
- (G) SUB-BASE GRANULAR MATERIAL, TYPE B (31101100)
- (H) AGGREGATE BASE COURSE, TYPE B 8" (35102000)
- (I) COMBINATION CURB AND GUTTER, TYPE B-6.24 (60605000)
- (J) COMBINATION CURB AND GUTTER, TYPE B-9.12 (60605900)
- (K) CONCRETE MEDIAN SURFACE, 4" (60618300)
- (L) CONCRETE MEDIAN, TYPE SB-9.12 (60620800)
- (M) AGGREGATE SHOULDER, TYPE B 6" (48101500)
- (N) FURNISH AND PLACE TOPSOIL, 4" (21101615)
- (O) SODDING (SALT TOLERANT) (25200110)
- (P) SEEDING CLASS 2A W/ EROSION CONTROL BLANKET (25000210/25100630)
- (Q) PORTLAND CEMENT CONCRETE PAVEMENT, 11"- JOINTED (42000521)
- (R) DRILL AND GROUT TIE BARS, NO. 8 X 24" (20018913)
- (S) HOT-MIX ASPHALT SHOULDER, 9" (48203033)
- (T) EPOXY COATED, DEFORMED TIE BAR NO. 6, 24" LONG @ 24" C-C. (COST TO BE INCLUDED IN COST OF CURB & GUTTER OR CONCRETE MEDIAN OF TYPE SPECIFIED).
- (U) EPOXY COATED, DEFORMED TIE BARS NO. 6, 30" LONG @ 30" C-C. (COST TO BE INCLUDED IN COST OF CONCRETE PAVEMENT).
- (V) ADD HH EPOXY COATED, DEFORMED TIE BARS NO. 8, 30" LONG @ 30" C-C. (COST TO BE INCLUDED IN COST OF CONCRETE PAVEMENT).
- (W) POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50. (40600827)

EXISTING LEGEND

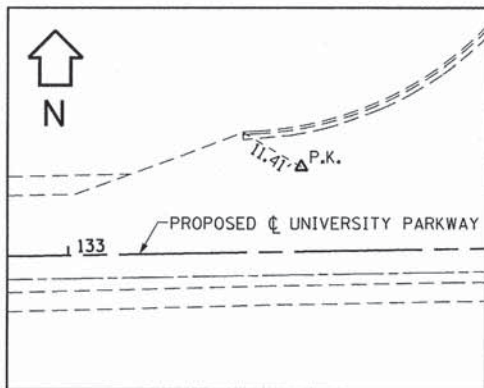
- (1) EXISTING PAVEMENT STRUCTURE: 3"-7.5" BITUMINOUS CONCRETE 4"-13.3" CRUSHED LIMESTONE
- (2) EXISTING PAVEMENT STRUCTURE: 10.6"-11.1" P.C. CONCRETE PAVEMENT 4.2"-6" BITUMINOUS CONCRETE
- (3) EXISTING PAVEMENT STRUCTURE: 13.3" CRUSHED LIMESTONE BASE
- (4) EXISTING AGGREGATE SHOULDER, VAR. THICKNESS (INCLUDED AS PART OF EXCAVATION)
- (5) EXISTING PAVEMENT STRUCTURE TO BE REMOVED
- (6) EXISTING AGGREGATE SHOULDER TO BE REMOVED (INCLUDED AS PART OF EXCAVATION)
- (7) EXISTING COMBINATION CONCRETE CURB AND GUTTER TO BE REMOVED
- (8) EXISTING CONCRETE MEDIAN OR MEDIAN SURFACE TO BE REMOVED



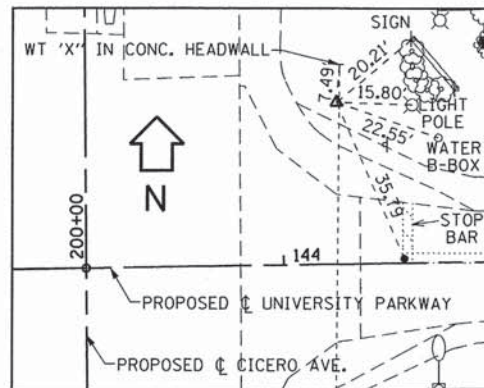
C.P. #55



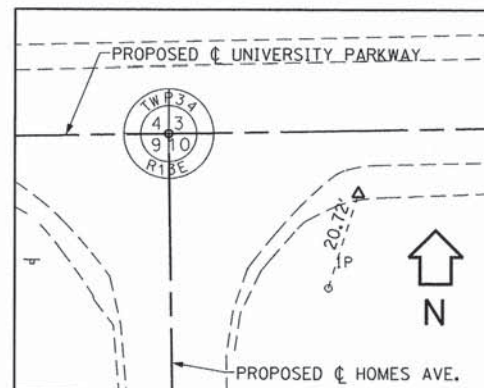
C.P. #81



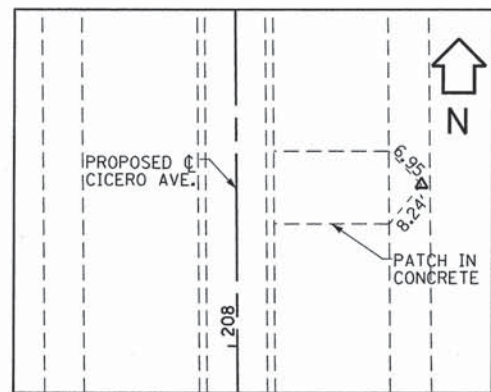
C.P. #82



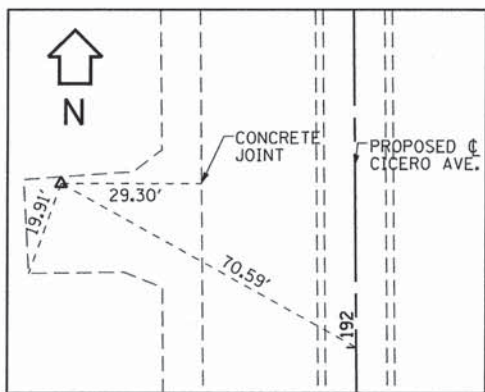
C.P. #83



C.P. #84



C.P. #48



C.P. #49

CONTROL POINTS

CP#55	IRON ROD N= 1744873.139 E= 1144405.836 ELEV= 759.30 STA. 97+20.86, 77.23' RT
CP#81	IRON ROD N= 1745026.351 E= 1145998.376 ELEV= 768.38 STA. 113+16.01, 47.13' LT.
CP#82	P.K. NAIL N= 1745033.011 E= 1148031.5040 ELEV= 790.70 STA. 133+48.93, 17.78' LT.
CP#83	PIN N= 1740567.680 E= 1149093.600 ELEV= 785.82 STA. 144+11.46, 34.01' LT.
CP#84	P.K. NAIL N= 1745035.504 E= 1150629.429 ELEV. 774.96 STA. 153+12.71, 13.21' RT.
CP#48	P.K. NAIL N= 1745866.350 E= 1149072.060 ELEV.= 780.93 STA. 208+33.25, 38.70' RT. (CICERO AVE.)
CP#49	P.K. NAIL N= 1744266.850 E= 1148987.650 ELEV.= 780.01 STA., 192+34.66, 61.47' LT. (CICERO AVE.)

NOTES:

- ALL STATIONS AND OFFSETS ARE BASED ON PROPOSED CL.
- THE HORIZONTAL DATUM IS THE IL-STATE PLANE EAST ZONE NAD 83. THE VERTICAL DATUM IS U.S.G.S. NAVD 88.
- IN ADDITION TO THE BENCHMARKS NOTED, ALL CONTROL POINT ELEVATIONS CAN BE USED AS BENCHMARKS TO ESTABLISH VERTICAL DATUM.

BM#101 CHISLED "X" ON CONCRETE BASE OF ENVIRONMENTAL CONTROLLED VAULT @ NW CORNER OF STUENKEL/ UNIVERSITY PKWY. AND CENTRAL AVE. ELEV.= 766.37

DIRECTORY - #FILEDIR#

<p>CMT CRANFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613</p>	USER NAME = aodeh	DESIGNED - AS	REVISED -
	FILE NAME = atbl.dgn	DRAWN - AS	REVISED -
	PLOT SCALE =	CHECKED - KDN	REVISED -
	PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT TIES AND BENCHMARKS			
UNIVERSITY PARKWAY			
SCALE: 1"=200'	SHEET 1	OF 1 SHEETS	STA. 100+00 TO STA. 152+73.71

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	13
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE SUGGESTED SEQUENCE OF OPERATIONS AND SUMMARY FOR CONSTRUCTION STAGING DOES NOT, NOR IS IT INTENDED TO, DEPICT ALL THE WORK THAT WILL BE REQUIRED BY THE CONTRACTOR FOR STAGING OPERATIONS DURING THE CONTRACT. THE SEQUENCE OF OPERATIONS IS GIVEN AS AN AIDE AND GUIDE FOR THE CONTRACTOR'S USE TO ESTABLISH THE NECESSARY GUIDELINES FOR EFFICIENT TRAFFIC OPERATION DURING THE DURATION OF THE CONTRACT.

2. THE CONTRACTOR MAY WISH TO MAKE REVISIONS OR MODIFICATIONS TO THE SEQUENCE OF CONSTRUCTION OR THE MAINTENANCE OF TRAFFIC PLANS. ALL CHANGES MUST BE SUBMITTED IN WRITING TO THE ENGINEER FOR APPROVAL. THE REVISIONS IN THE PHASING OF CONSTRUCTION OR MAINTENANCE OPERATIONS, REQUESTED BY THE CONTRACTOR, MAY REQUIRE TRAFFIC CONTROL TO BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND/OR DESIGNS OTHER THAN THOSE INCLUDED IN THE PLANS. REVISIONS IN THE PHASING OF CONSTRUCTION OR MAINTENANCE OPERATIONS REQUESTED BY THE CONTRACTOR REQUIRES ADDITIONAL SIGNS, FLAGGERS, BARRICADES OR OTHER TRAFFIC CONTROL DEVICES OVER AND ABOVE THOSE SPECIFIED WILL BE AT THE CONTRACTOR'S EXPENSE.

3. ALL TEMPORARY PAVEMENT, TEMPORARY PAVEMENT WIDENING, TEMPORARY PAVEMENT PLACED IN MEDIAN REMOVAL, PROP. MEDIANS AND ISLANDS SHALL BE PAID AS "TEMPORARY PAVEMENT". ALL TEMPORARY PAVEMENT PLACED IN STORM SEWER TRENCHES SHALL BE PAID AS "CLASS D PATCHES".

4. ONLY PAVEMENT MARKING TAPE TYPE III SHALL BE USED ON FINISHED CONCRETE AND HOT-MIX ASPHALT SURFACES.

5. ALL MUNICIPAL OWNED MANHOLES, SERVICE VALVES, BOXES AND FIRE HYDRANTS SHALL BE KEPT ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION. MANHOLES AND SERVICE BOXES SHALL BE ADJUSTED TO MATCH THE TEMPORARY PAVEMENT AND GRADING ELEVATION. FIRE HYDRANTS SHALL BE MOVED OUTSIDE THE CLEAR ZONE LIMITS OF THE TEMPORARY PAVEMENT. ALL TEMPORARY ADJUSTMENTS TO MANHOLES, SERVICE VALVES, BOXES AND FIRE HYDRANTS REQUIRED AS A RESULT OF THE STAGED MAINTENANCE OF TRAFFIC WILL NOT BE PAID FOR, BUT SHALL BE CONSIDERED INCLUDED TO THE FINAL ADJUSTMENT ITEM. ONLY THE FINAL ADJUSTMENTS TO THESE UTILITIES SHALL BE PAID FOR, THE WORK SHALL BE AS DETAILED ON THE PLAN AND PROFILE SHEETS AND/OR PAVEMENT REMOVAL SHEETS.

6. ALL OBSTRUCTIONS SHALL BE REMOVED PRIOR TO CONSTRUCTING THE TEMPORARY PAVEMENT AND SWITCHING TRAFFIC TO IT. REMOVALS SHALL BE DETAILED ON THE REMOVAL SHEETS. REMOVAL SHALL BE PAID FOR ONCE AND SHALL BE PAID FOR AS INDICATED ON THE REMOVAL SHEETS. THERE WILL BE NO ADDITIONAL COMPENSATION FOR PARTIAL REMOVALS REQUIRED FOR THE STAGED MAINTENANCE OF TRAFFIC.

7. MAILBOXES MAY NEED TO BE REMOVED AND RELOCATED MULTIPLE TIMES AS A RESULT OF THE CHANGING STAGES OF MAINTENANCE OF TRAFFIC. THE LOCATION OF THE MAIL BOXES SHALL AS DIRECTED BY THE RESIDENT ENGINEER. REMOVING AND RELOCATING OF MAIL BOXES, REGARDLESS OF HOW MANY TIMES, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED TO THE CONTRACT.

8. PERMANENT PAVEMENT MARKING CONFLICTING WITH THE TEMPORARY PAVEMENT MARKINGS PLACED AS PART OF THE VARIOUS STAGES OF THE MAINTENANCE OF TRAFFIC PLAN SHALL BE REMOVED. ONLY THESE MARKINGS SHALL BE MEASURED FOR PAYMENT. PERMANENT PAVEMENT MARKINGS THAT WILL BE REMOVED AS PART OF THE CONSTRUCTION REMOVAL ITEMS WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE CONSIDERED INCLUDED TO THE REMOVAL ITEMS.

9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TYPE OF PERMANENT PAVEMENT MARKING MATERIAL TO BE REMOVED. GRINDING OF MARKING SHALL NOT BE ALLOWED ON THE EXISTING OR PROPOSED FINISHED CONCRETE OR HOT-MIX ASPHALT SURFACES.

10. EXISTING INLETS AND STORM SEWER SYSTEMS THAT FALL UNDER THE TEMPORARY PAVEMENT WIDENING AND NEED TO REMAIN ACTIVE DURING STAGE 1, SHALL BE PLATED OR COVERED, BUT NOT REMOVED. TEMPORARY DRAINAGE CONNECTIONS SHALL BE INCIDENTAL.

11. REMOVAL OF THE TEMPORARY PAVEMENT WIDENING, DRIVEWAYS AND CROSS-OVERS WILL BE MEASURED FOR PAYMENT UNDER ITEM FOR TEMPORARY PAVEMENT REMOVAL (S.Y.).

12. EXCAVATION AND EMBANKMENTS REQUIRED TO CONSTRUCT THE TEMPORARY PAVEMENT WIDENING IN STAGE 1A AND 1B AND THE REMOVAL OF THE EMBANKMENTS SHALL BE MEASURED FOR PAYMENT AND SHALL BE PAID FOR AS "EARTH EXCAVATION". QUANTITIES FOR THIS WORK HAVE BEEN INCLUDED IN THE EARTHWORK ITEMS FOR THE APPROPRIATE STAGE OF WORK.

13. THE PROPOSED PAVEMENT SHALL BE "GAPPED" AT ALL DRIVEWAYS SO THAT ACCESS WILL BE MAINTAINED AT ALL TIMES. A TEMPORARY ACCESS SHALL BE CONSTRUCTED IN THE "GAPPED" SECTION UNTIL THE PERMANENT DRIVEWAY IS CONSTRUCTED. ACCESS SHALL BE PROVIDED BY CONSTRUCTING A TEMPORARY PAVEMENT SURFACE (CROSS-OVER) FROM THE NEWLY CONSTRUCTED PAVEMENT TO THE EXISTING ROADWAY OR BETWEEN NEW CONSTRUCTED PAVEMENTS (STAGE 3). TEMPORARY ACCESS SHALL BE CONSTRUCTED OF AN AGGREGATE BASE AND SHALL BE PAID AS "AGGREGATE SURFACE COURSE TYPE B". REMOVAL OF THE AGGREGATE MATERIAL FOR THE CONSTRUCTION OF THE PERMANENT PAVEMENT WILL BE CONSIDERED INCLUDED TO THE APPROPRIATE TEMPORARY ACCESS ITEM. THE CROSS-OVER SHALL BE CONSTRUCTED OF TEMP. PAVEMENT 8"

14. SIDE STREETS MAY BE COMPLETELY CLOSED FOR CONSTRUCTION. CLOSING AND CONSTRUCTING OF ADJACENT SIDE STREETS SHALL NOT BE ALLOWED UNLESS APPROVED BY THE ENGINEER. CONSTRUCTION OF THE SIDE STREETS SHALL BE ALTERNATED TO PROVIDE LOCAL ACCESS TO HOMES AVENUE. THE SIDE STREET SHALL BE OPENED AND ACCESS RE-ESTABLISHED TO HOMES AVENUE AS SOON AS PRACTICAL.

15. CONTRACTOR SHALL COORDINATE MAINTENANCE OF TRAFFIC WITH ADJACENT IDOT CONSTRUCTION PROJECT TO THE WEST.

STAGE 1A MAJOR WORK ITEMS - UNIVERSITY PARKWAY

- SET UP STAGE 1A TRAFFIC CONTROL AT LOCATIONS SHOWN IN MOT PLANS.
- CONSTRUCT TEMPORARY PAVEMENT AND DRAINAGE REQUIRED FOR STAGE 1A TRAFFIC AT THE VARIOUS LOCATIONS DETAILED IN THE PLANS FROM STA. 137+94 TO STA. 157+00. THE WORK SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL STD. 701326.
- PLACE TEMPORARY PAVEMENT MARKING AND SHIFT TRAFFIC ONTO TEMPORARY PAVEMENT.
- REMOVE EXISTING PAVEMENT, DRIVEWAYS AND UTILITIES LEFT OF CENTERLINE (SEE REMOVAL PLANS SHEETS).
- CONSTRUCT THE PROPOSED SUBGRADE, PAVEMENTS (TO BINDER COURSE) AND SEWERS FOR THE WESTBOUND LANE (24'-34.07') FROM STA. 143+90.64 TO STA. 152+38.15.
- CONSTRUCT MULTIUSE PATH.
- PLACE TEMPORARY EROSION CONTROL AND LANDSCAPING.

SUBSTAGE 1A MAJOR WORK ITEMS - CICERO AVENUE

- SET UP SUBSTAGE 1A TRAFFIC CONTROL AT LOCATIONS SHOWN IN MOT PLANS.
- REMOVE EXISTING CURB AND GUTTER, MEDIAN AND EXISTING CONCRETE PAVEMENT (LEFT TURN LANE) FROM STA. 200+48.75 TO STA. 206+03.10.
- CONSTRUCT PROPOSED CURB AND GUTTER, MEDIAN AND CONCRETE PAVEMENT (LEFT TURN LANE) FROM STA. 200+48.75 TO STA. 206+03.10.
- CONSTRUCT STORM SEWER AND DITCH GRADING FROM STA. 200+48.67 TO STA. 205+50.
- PLACE TEMPORARY EROSION CONTROL AND LANDSCAPING.

STAGE 1B MAJOR WORK ITEMS - UNIVERSITY PARKWAY

- SET UP STAGE 1B TRAFFIC CONTROL AT LOCATIONS SHOWN IN MOT PLANS.
- REMOVE EXISTING PAVEMENT, DRIVEWAYS AND UTILITIES RIGHT OF CENTERLINE (SEE REMOVAL PLANS SHEETS).
- CONSTRUCT THE PROPOSED SUBGRADE, PAVEMENTS (TO BINDER COURSE) AND SEWERS FOR THE EASTBOUND LANE (14'-42') FROM STA. 143+90.99 TO STA. 152+38.15.
- PLACE TEMPORARY EROSION CONTROL AND LANDSCAPING.

SUBSTAGE 1B MAJOR WORK ITEMS - CICERO AVENUE

- SET UP SUBSTAGE 1B TRAFFIC CONTROL AT LOCATIONS SHOWN IN MOT PLANS.
- REMOVE EXISTING CURB AND GUTTER, MEDIAN AND EXISTING CONCRETE PAVEMENT (LEFT TURN LANE) FROM STA. 194+52.40 TO STA. 199+54.61.
- CONSTRUCT PROPOSED CURB AND GUTTER, MEDIAN AND CONCRETE PAVEMENT (LEFT TURN LANE) FROM STA. 194+52.40 TO STA. 199+54.61.
- CONSTRUCT STORM SEWER AND DITCH GRADING FROM STA. 194+52.40 TO STA. 199+54.61.
- PLACE TEMPORARY EROSION CONTROL AND LANDSCAPING.

STAGE 2A MAJOR WORK ITEMS - UNIVERSITY PARKWAY

- SET UP STAGE 2A TRAFFIC CONTROL AT LOCATIONS SHOWN IN MOT PLANS.
- CONSTRUCT TEMPORARY PAVEMENT AND DRAINAGE REQUIRED FOR STAGE 2A TRAFFIC AT THE VARIOUS LOCATIONS DETAILED IN THE PLANS FROM STA. 118+57.26 TO STA. 143+26.78. THIS WORK SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL STD. 701326.
- REMOVE EXISTING PAVEMENT, DRIVEWAYS AND UTILITIES RIGHT OF CENTERLINE (SEE REMOVAL PLANS SHEETS).
- CONSTRUCT THE PROPOSED SUBGRADE, PAVEMENTS (TO BINDER COURSE) AND SEWERS FROM STA. 118+57.26 TO STA. 143+26.78.
- CONSTRUCT STORM SEWER CROSSING, SPECIAL DRAINAGE STRUCTURE AND OUTLET ON CENTRAL AVENUE. STORM SEWER CROSSING ON CENTRAL AVENUE SHALL BE CONSTRUCTED UTILIZING TRAFFIC CONTROL STD. 701201.
- PLACE TEMPORARY EROSION CONTROL AND LANDSCAPING.

STAGE 2B MAJOR WORK ITEMS - UNIVERSITY PARKWAY

- SET UP STAGE 2B TRAFFIC CONTROL AT LOCATIONS SHOWN IN MOT PLANS.
- REMOVE EXISTING PAVEMENT, DRIVEWAYS AND UTILITIES LEFT OF CENTERLINE (SEE REMOVAL PLANS SHEETS).
- CONSTRUCT THE PROPOSED SUBGRADE, PAVEMENTS (TO BINDER COURSE) AND SEWERS FROM STA. 118+57.26 TO STA. 143+26.78.
- CONSTRUCT MULTIUSE PATH.
- PLACE SHORT TERM MARKINGS FROM STA. 116+17.26 TO STA. 143+26.78.
- PLACE TEMPORARY EROSION CONTROL AND LANDSCAPING WITHIN STAGE 2B LIMITS.

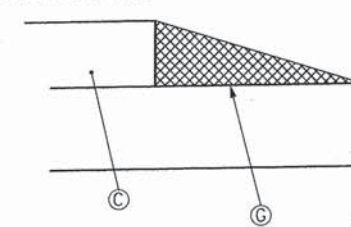
STAGE 3A MAJOR WORK ITEMS - UNIVERSITY PARKWAY

- COMPLETE PERMANENT PAVEMENT MARKING

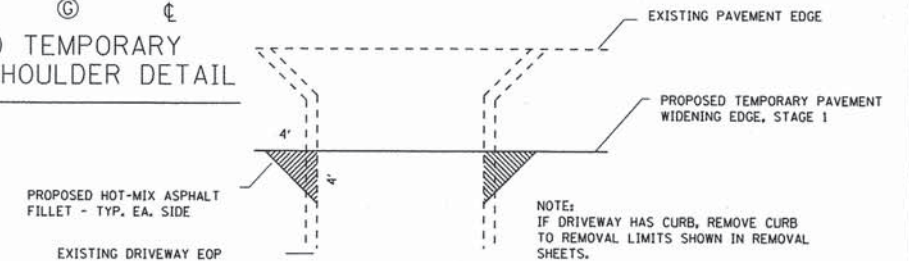
LEGEND

- ➔ DIRECTION OF TRAFFIC FLOW
- ⊥ TRAFFIC CONTROL SIGN
- WORK ZONE
- ▨ PROPOSED TEMPORARY HOT-MIX ASPHALT PAVEMENT WIDENING
- PROPOSED TEMPORARY PAVEMENT MARKING
- ⊥⊥ TYPE III BARRICADE
- DRUM WITH MONO DIRECTIONAL STEADY BURNING LIGHT
- FLEXIBLE DELINEATOR
- //// PAVEMENT MARKING REMOVAL
- ➔ ARROW BOARD
- ⊥ DIRECTION BARRICADES
- ⊗ IMPACT ATTENUATOR (TEMPORARY)
- ↔ TEMPORARY CONCRETE BARRIER
- ⊥ VERTICAL SIGN PANELS (GROUND MOUNTED)

COMPLETED STAGE 1 PVMT.



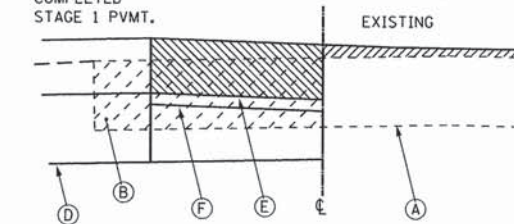
PROPOSED TEMPORARY AGGREGATE SHOULDER DETAIL



PROPOSED TEMPORARY DRIVEWAY FILLET DETAIL FOR TEMPORARY WIDENED PAVEMENT

PROPOSED HOT-MIX ASPHALT FILLETS TO BE PAID AS TEMPORARY PAVEMENT

COMPLETED STAGE 1 PVMT.



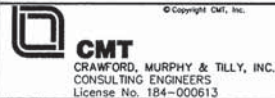
PROPOSED CROSS STREET CROSS-OVER DETAIL

TO BE PLACED AT ALL CROSS STREETS TO TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING PAVEMENT. THE CROSS-OVER SHALL BE CONSTRUCTED AS SOON AS THE STAGE 1 PAVEMENT AT THE CROSS-OVER CAN BE OPEN TO TRAFFIC.

LEGEND:

- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
- (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
- (C) PROP. PAVEMENT STRUCTURE
- (D) PROP. TEMPORARY HOT-MIX ASPHALT PAVEMENT - 10"
- (E) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
- (F) PROP. HOT-MIX ASPHALT BIKE PATH
- (G) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH)

DIRECTOR



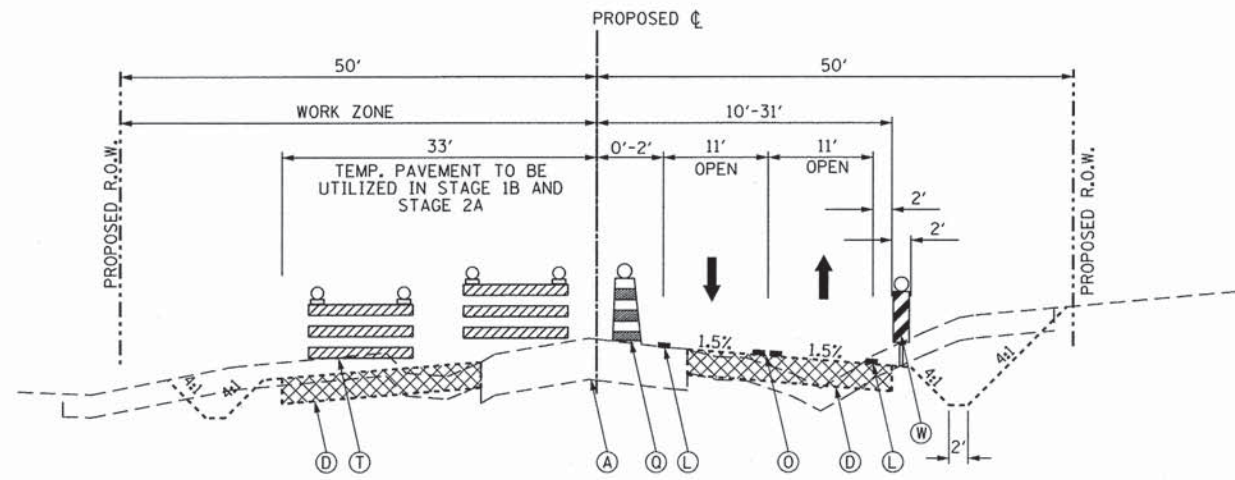
USER NAME = eodah	DESIGNED - AS	REVISED -
FILE NAME: mot_notes.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

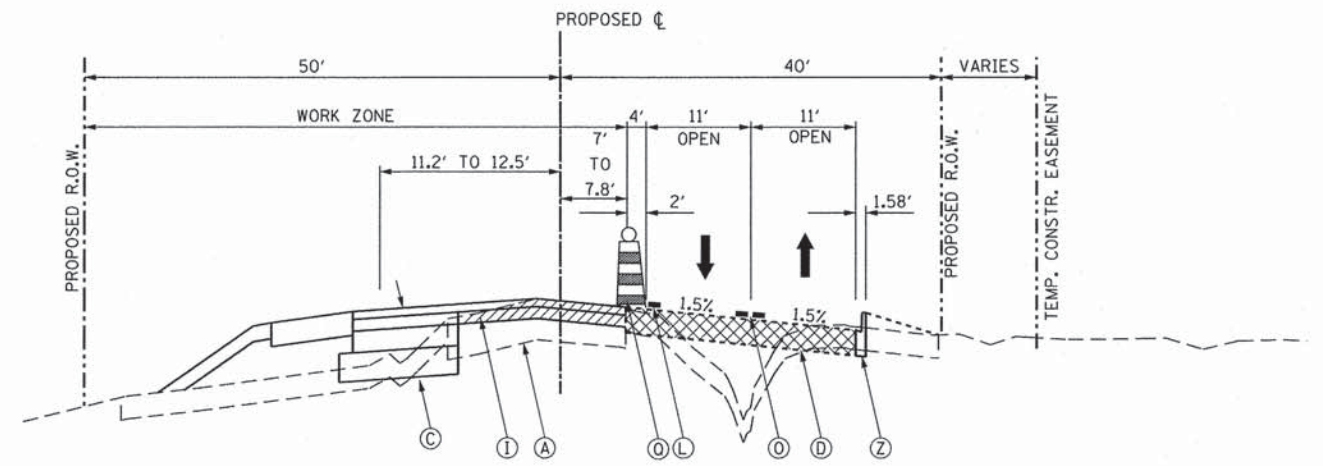
**SUGGESTED MAINTENANCE OF TRAFFIC PLANS
MAINTENANCE OF TRAFFIC NOTES**

SCALE: 1"=10' SHEET 1 OF 8 SHEETS STA. N/A TO STA. N/A

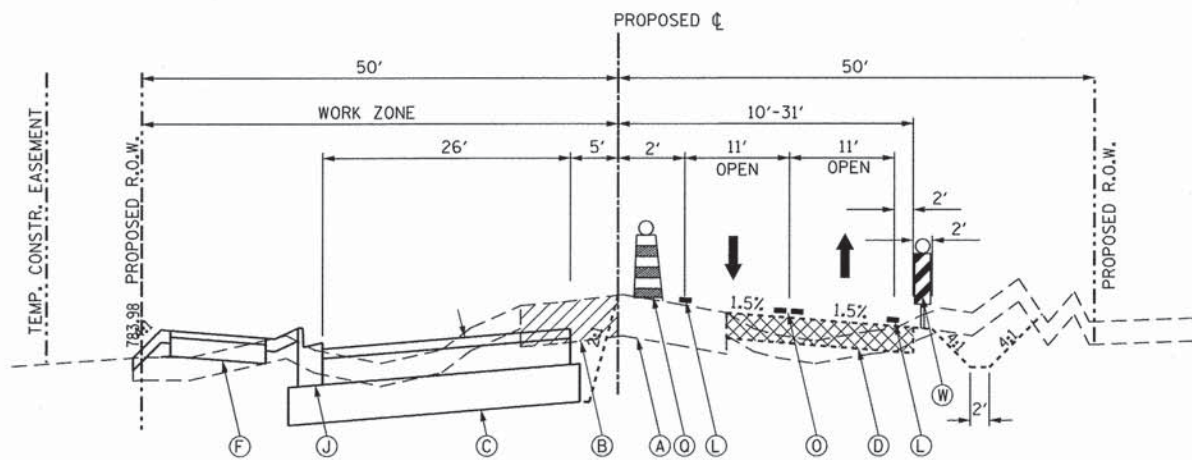
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-0014-00-PV	WILL	112	14
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



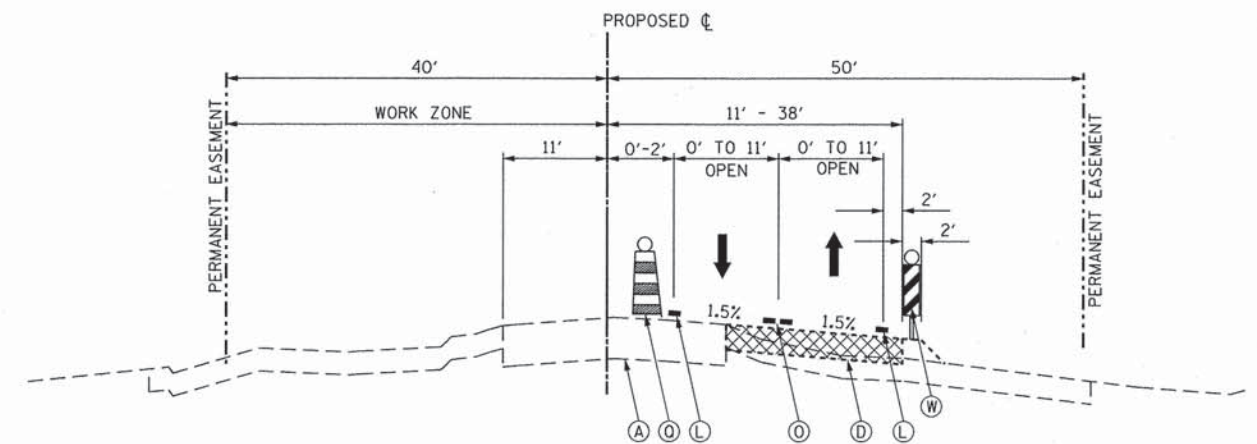
MOT TYPICAL SECTION
STA. 137+94.42 to STA. 143+26.78, UNIVERSITY PARKWAY



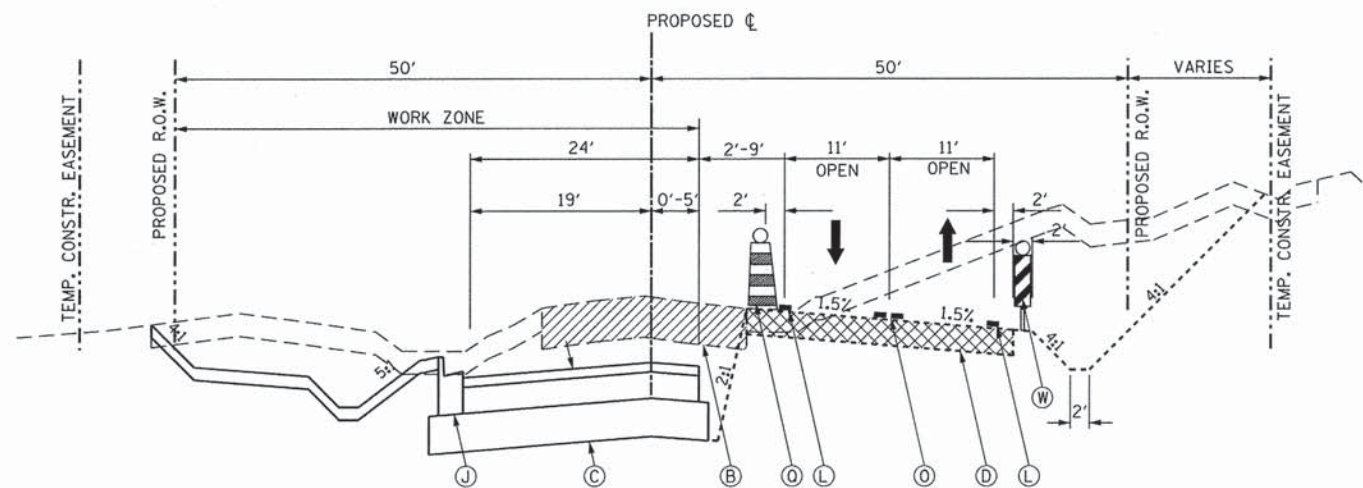
MOT TYPICAL SECTION
STA. 149+63.09 to STA. 152+38.15, UNIVERSITY PARKWAY



MOT TYPICAL SECTION
STA. 143+90.99 to STA. 146+15.12, UNIVERSITY PARKWAY



MOT TYPICAL SECTION
STA. 152+38.15 to STA. 157+00.00, UNIVERSITY PARKWAY



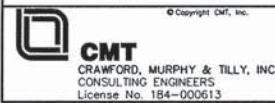
MOT TYPICAL SECTION
STA. 146+15.42 to STA. 149+63.09, UNIVERSITY PARKWAY

LEGEND:

- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
- (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
- (C) PROP. PAVEMENT STRUCTURE
- (D) PROP. TEMPORARY HOT-MIX ASPHALT PAVEMENT - 10"
- (E) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
- (F) PROP. HOT-MIX ASPHALT BIKE PATH
- (G) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
- (H) PROP. HOT-MIX ASPHALT SURFACE COURSE
- (I) PROP. SURFACE MILLING - 2"
- (J) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
- (K) TEMPORARY PAVEMENT - TO BE REMOVED
- (L) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
- (M) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
- (N) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
- (O) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
- (P) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
- (Q) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
- (R) DIRECTIONAL TYPE I BARRICADES
- (S) TYPE I BARRICADES
- (T) TYPE III BARRICADES
- (U) ARROW BOARD
- (V) FLEXIBLE DELINEATOR
- (W) VERTICAL PANELS (DOUBLE SIDE) W/ STEADY BURNING LIGHT
- (X) TEMPORARY CONCRETE BARRIER WALL
- (Y) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (Z) TEMPORARY COMBO. CONC. C & G B-6.12

* NOTE:
USE TEMPORARY CONCRETE BARRIER WALL WHEN DROP-OFF IS GREATER THAN 12 INCHES UNLESS DROP-OFF IS MITIGATED BY THE END OF THE WORK DAY TO BE LESS THAN 12 INCHES. USE IMPACT ATTENUATOR AS DIRECTED BY ENGINEER.

8FILES
 12/26/2013
 DIRECTORY =



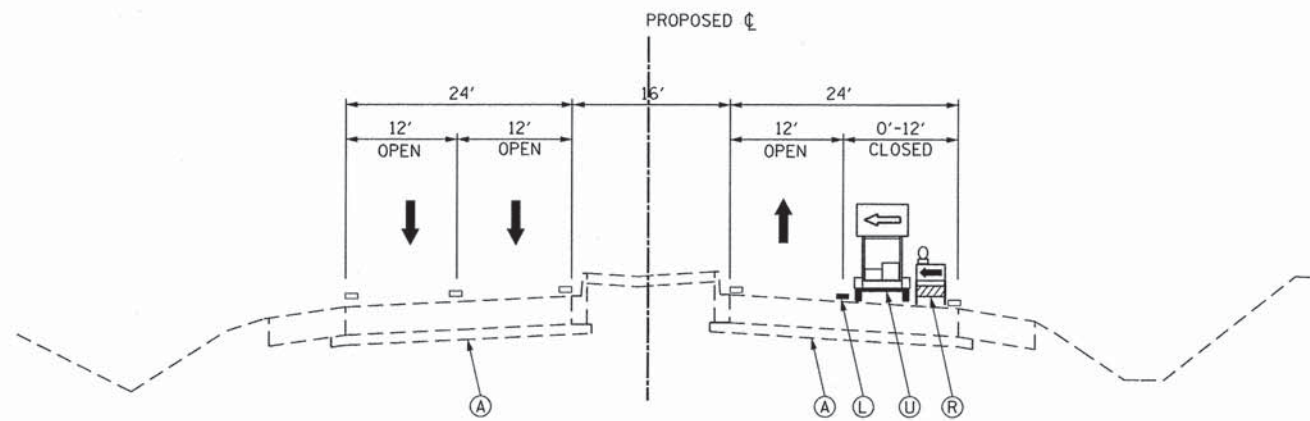
USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME: mot_typ1a.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 10.0000' / 1in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

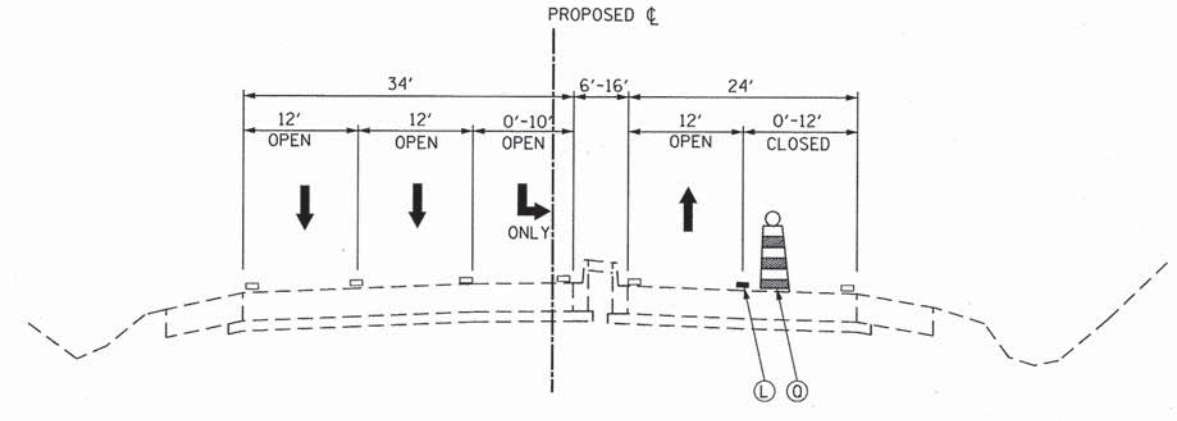
SUGGESTED MAINTENANCE OF TRAFFIC PLANS
TYPICAL TYP. 1A UNIVERSITY PARKWAY

SCALE: 1"=10' SHEET 2 OF 8 SHEETS STA. N/A TO STA. N/A

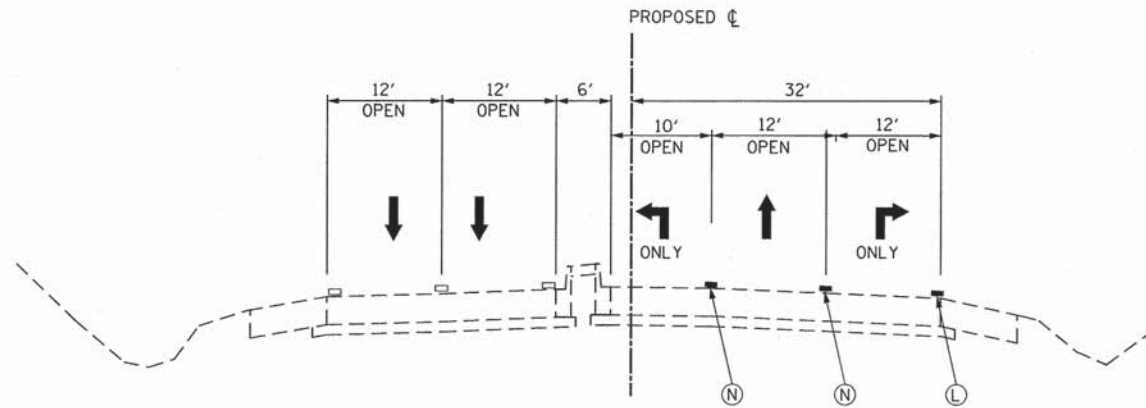
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	15
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



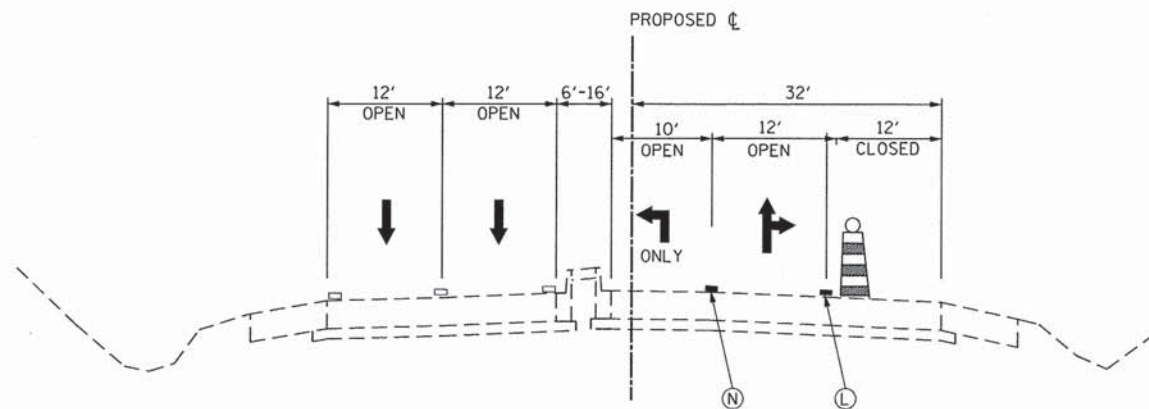
MOT CICERO AVENUE LANE REDUCTION DETAIL - STAGE 1A/1B
STA. 190+92.42 to STA. 194+52.40



MOT CICERO AVENUE LANE REDUCTION DETAIL - STAGE 1A/1B
STA. 200+18.34 to STA. 201+72.89



MOT CICERO AVENUE - STAGE 1A
STA. 194+52.40 to STA. 199+54.61



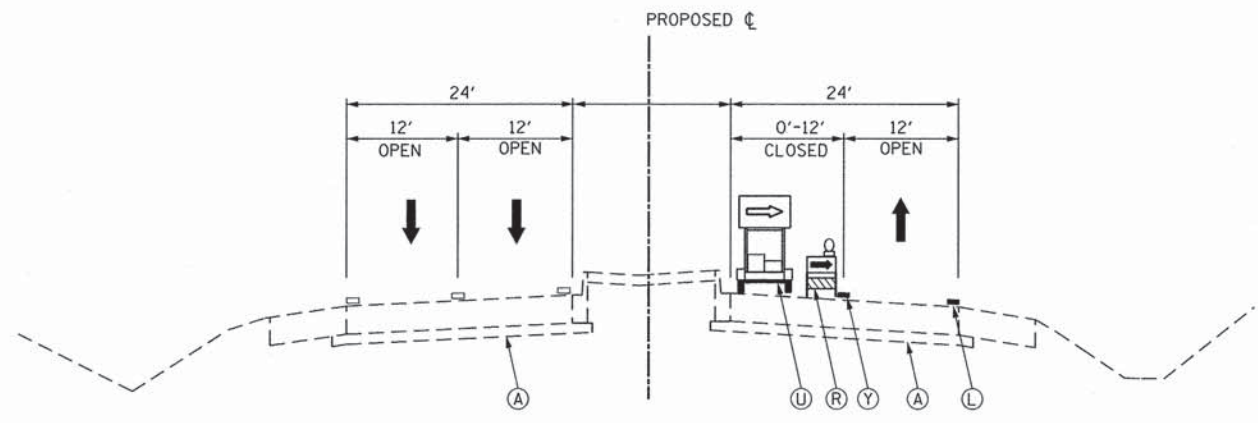
MOT CICERO AVENUE - STAGE 1B
STA. 194+52.40 to STA. 199+54.61

LEGEND:

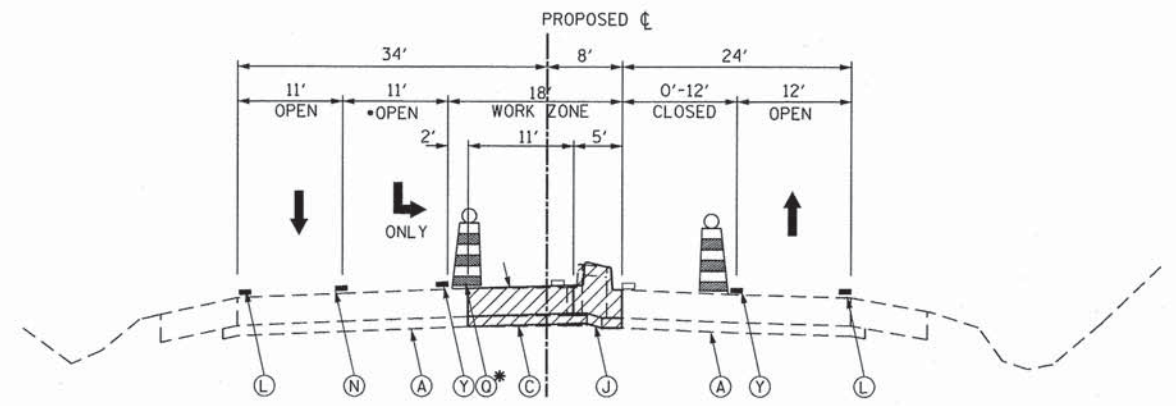
- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
- (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
- (C) PROP. PAVEMENT STRUCTURE
- (D) PROP. TEMPORARY HOT-MIX ASPHALT PAVEMENT - 10"
- (E) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
- (F) PROP. HOT-MIX ASPHALT BIKE PATH
- (G) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
- (H) PROP. HOT-MIX ASPHALT SURFACE COURSE
- (I) PROP. SURFACE MILLING - 2"
- (J) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
- (K) TEMPORARY PAVEMENT - TO BE REMOVED
- (L) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
- (M) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
- (N) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
- (O) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
- (P) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
- (Q) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
- (R) DIRECTIONAL TYPE I BARRICADES
- (S) TYPE I BARRICADES
- (T) TYPE III BARRICADES
- (U) ARROW BOARD
- (V) FLEXIBLE DELINEATOR
- (W) VERTICAL PANELS (DOUBLE SIDE) W/ STEADY BURNING LIGHT
- (X) TEMPORARY CONCRETE BARRIER WALL
- (Y) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (Z) TEMPORARY COMBO. CONC. C & G B-6.12

* NOTE:
USE TEMPORARY CONCRETE BARRIER WALL WHEN DROP-OFF IS GREATER THAN 12 INCHES UNLESS DROP-OFF IS MITIGATED BY THE END OF THE WORK DAY TO BE LESS THAN 12 INCHES. USE IMPACT ATTENUATOR AS DIRECTED BY ENGINEER.

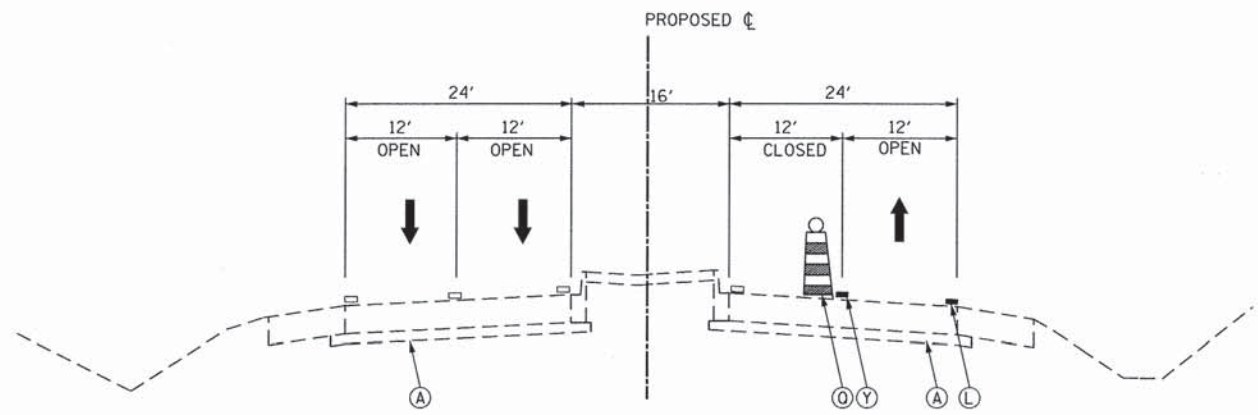
<p>CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613</p>	USER NAME = oodeh FILE NAME = mot_typ1a_cic.dgn PLOT SCALE = 10.0000' / 1"	DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 12/26/2013	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC PLANS TYPICAL TYP. 1A CICERO AVENUE	F.A.U. RTE. 1637 SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 16
					SCALE: 1"=10' SHEET 3 OF 8 SHEETS STA. N/A TO STA. N/A	CONTRACT NO. 63709 ILLINOIS FED. AID PROJECT			



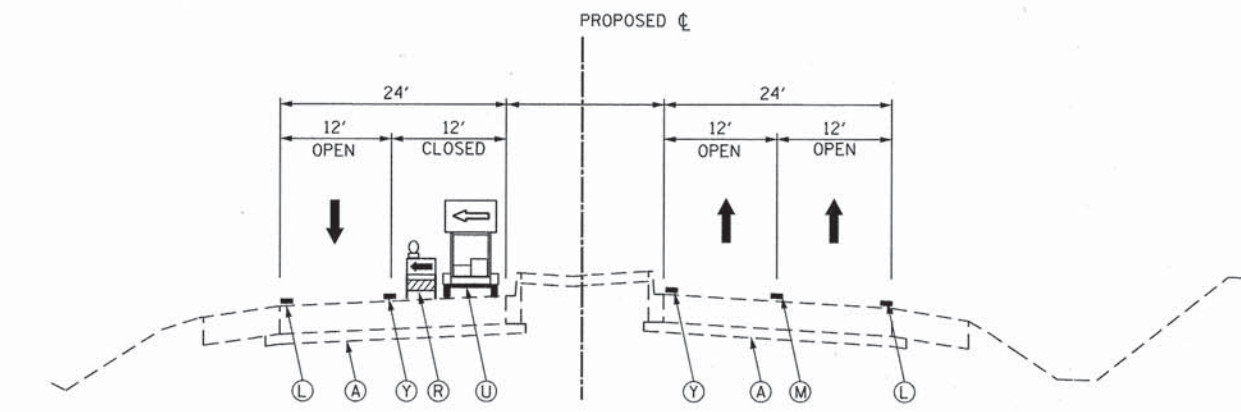
MOT CICERO AVENUE LANE REDUCTION DETAIL
STA. 190+92.40 to STA. 194+52.40



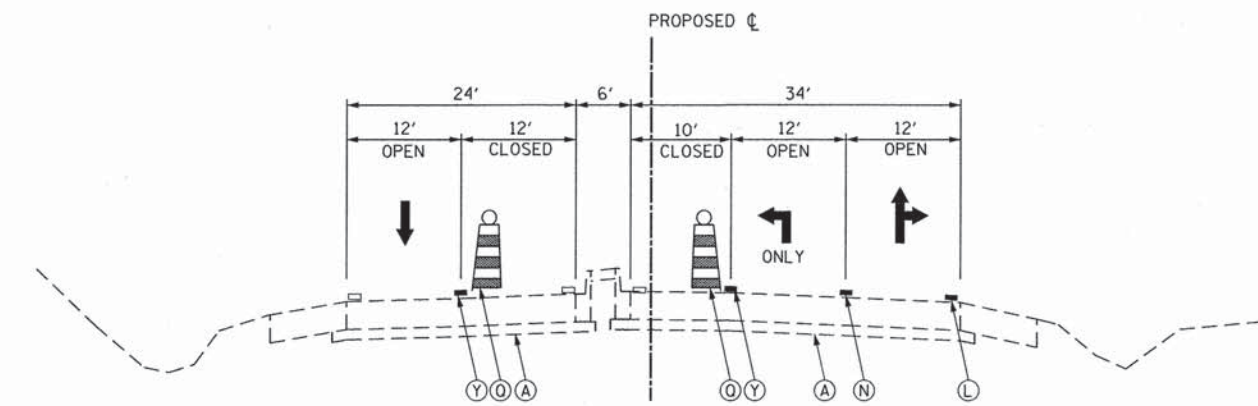
MOT TYPICAL SECTION
STA. 200+48.67 to STA. 206+03.10, CICERO AVENUE



MOT CICERO AVENUE LANE CLOSURE DETAIL
STA. 194+52.40 to STA. 198+54.61



MOT TYPICAL SECTION LANE REDUCTION DETAIL
STA. 206+03.10 to STA. 209+63.11, CICERO AVENUE

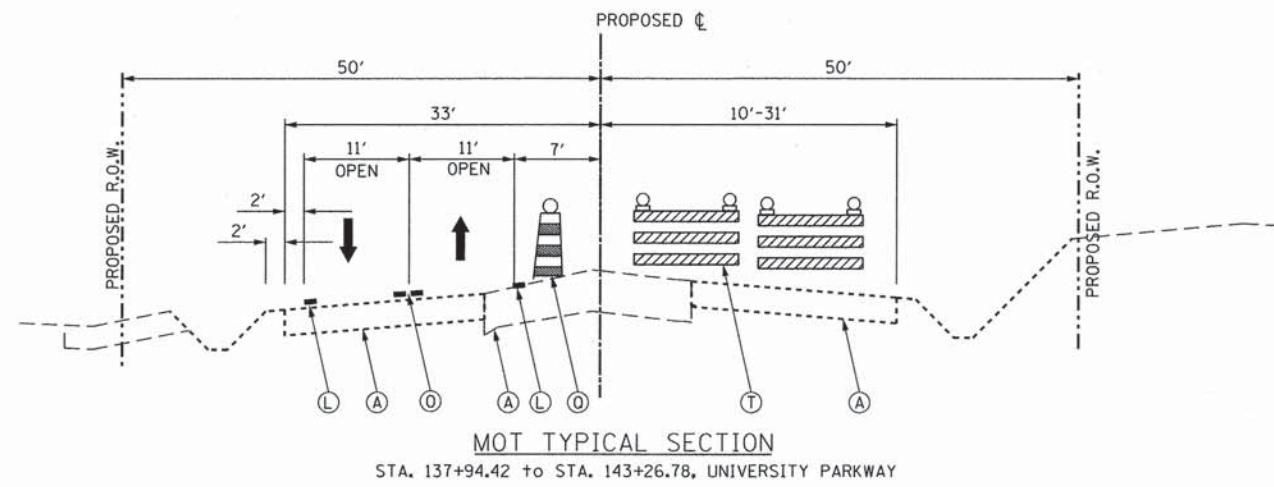


MOT TYPICAL SECTION
STA. 198+54.61 to STA. 201+72.89, CICERO AVENUE

LEGEND:

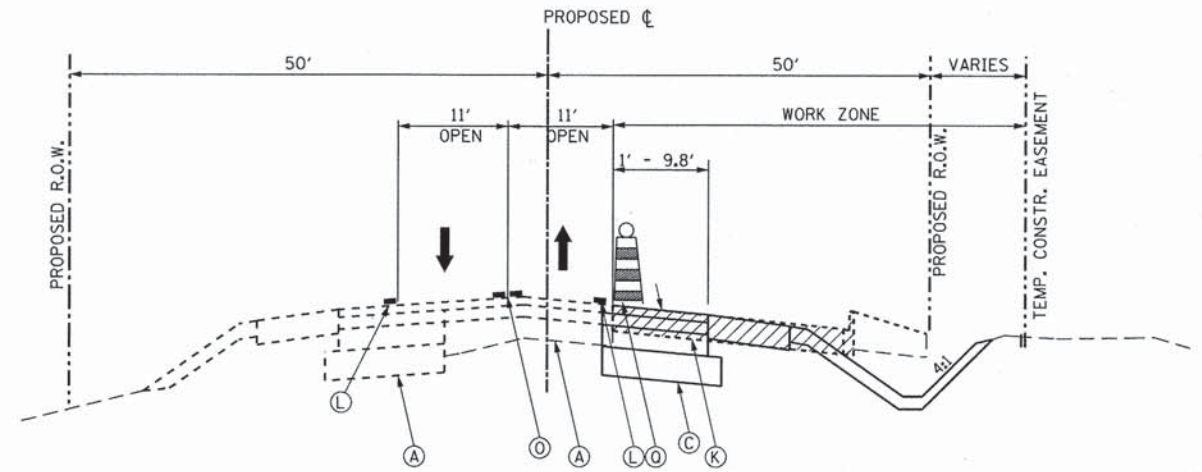
- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
- (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
- (C) PROP. PAVEMENT STRUCTURE
- (D) PROP. TEMPORARY HOT-MIX ASPHALT PAVEMENT - 10"
- (E) PROP. HOT-MIX ASPHALT BIKE PATH
- (G) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
- (H) PROP. HOT-MIX ASPHALT SURFACE COURSE
- (I) PROP. SURFACE MILLING - 2"
- (J) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
- (K) TEMPORARY PAVEMENT - TO BE REMOVED
- (L) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
- (M) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
- (N) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
- (O) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
- (P) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
- (Q) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
- (R) DIRECTIONAL TYPE I BARRICADES
- (S) TYPE I BARRICADES
- (T) TYPE III BARRICADES
- (U) ARROW BOARD
- (V) FLEXIBLE DELINEATOR
- (W) VERTICAL PANELS (DOUBLE SIDE) W/ STEADY BURNING LIGHT
- (X) TEMPORARY CONCRETE BARRIER WALL
- (Y) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (Z) TEMPORARY COMBO. CONC. C & G B-6.12

*** NOTE:**
USE TEMPORARY CONCRETE BARRIER WALL WHEN DROP-OFF IS GREATER THAN 12 INCHES UNLESS DROP-OFF IS MITIGATED BY THE END OF THE WORK DAY TO BE LESS THAN 12 INCHES. USE IMPACT ATTENUATOR AS DIRECTED BY ENGINEER.



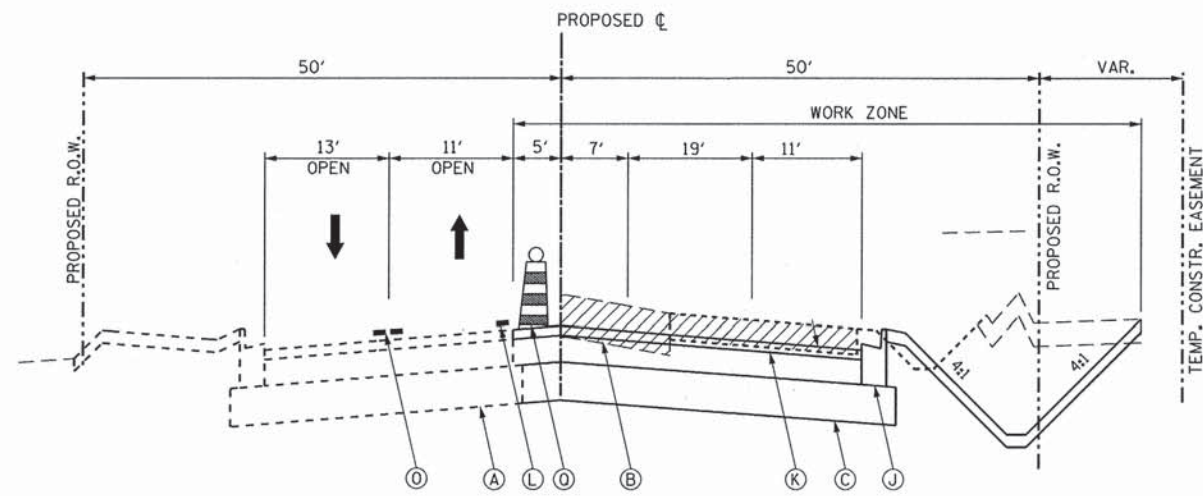
MOT TYPICAL SECTION

STA. 137+94.42 to STA. 143+26.78, UNIVERSITY PARKWAY



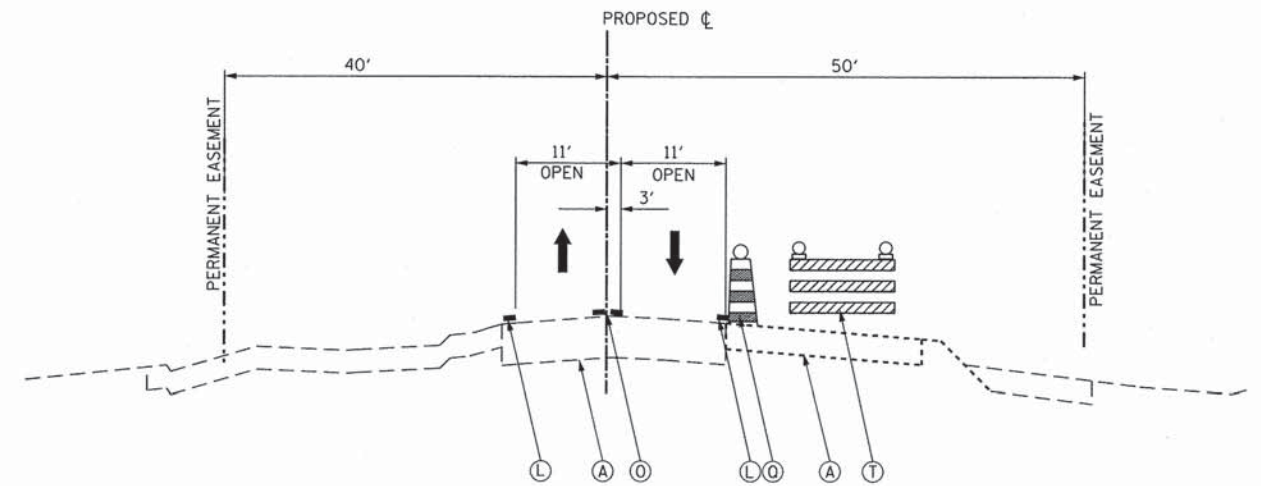
MOT TYPICAL SECTION

STA. 149+63.09 to STA. 152+38.15, UNIVERSITY PARKWAY



MOT TYPICAL SECTION

STA. 143+90.99 to STA. 146+28.21, UNIVERSITY PARKWAY



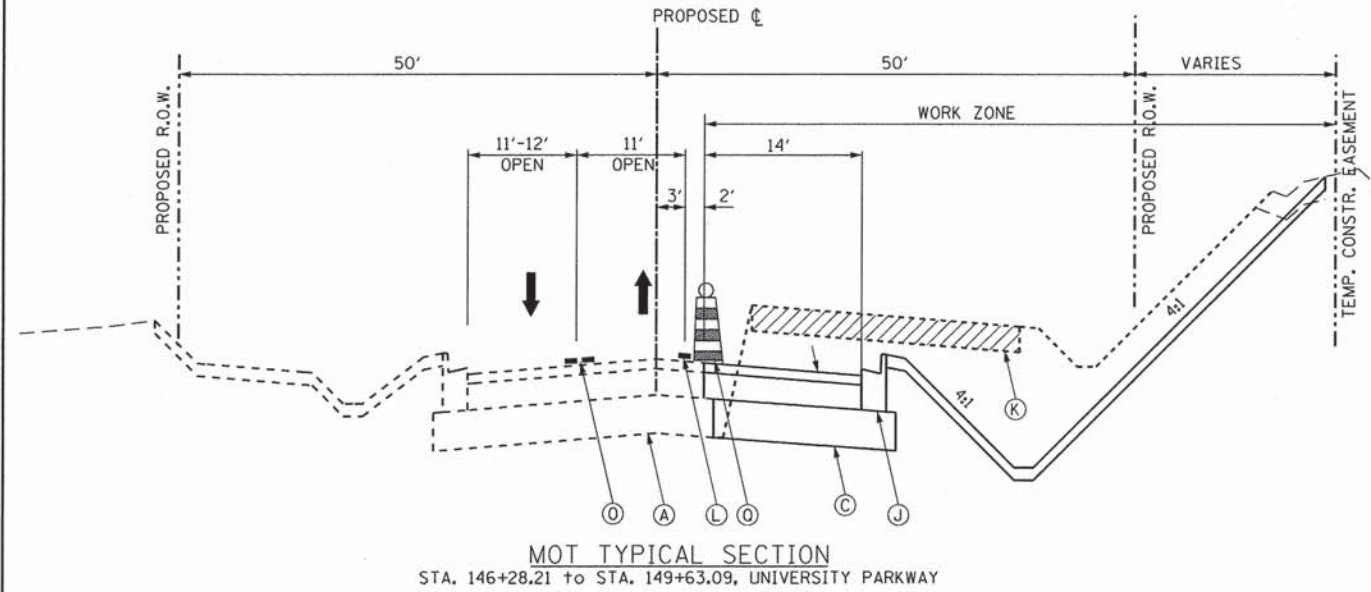
MOT TYPICAL SECTION

STA. 152+38.15 to STA. 157+00.00 UNIVERSITY PARKWAY

LEGEND:

- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
- (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
- (C) PROP. PAVEMENT STRUCTURE
- (D) PROP. TEMPORARY HOT-MIX ASPHALT PAVEMENT - 10"
- (E) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
- (F) PROP. HOT-MIX ASPHALT BIKE PATH
- (G) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
- (H) PROP. HOT-MIX ASPHALT SURFACE COURSE
- (I) PROP. SURFACE MILLING - 2"
- (J) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
- (K) TEMPORARY PAVEMENT - TO BE REMOVED
- (L) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
- (M) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
- (N) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
- (O) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
- (P) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
- (Q) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
- (R) DIRECTIONAL TYPE 1 BARRICADES
- (S) TYPE 1 BARRICADES
- (T) TYPE III BARRICADES
- (U) ARROW BOARD
- (V) FLEXIBLE DELINEATOR
- (W) VERTICAL PANELS (DOUBLE SIDE) W/ STEADY BURNING LIGHT
- (X) TEMPORARY CONCRETE BARRIER WALL
- (Y) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (Z) TEMPORARY COMBO. CONC. C & G B-6.12

* NOTE:
USE TEMPORARY CONCRETE BARRIER WALL WHEN DROP-OFF IS GREATER THAN 12 INCHES UNLESS DROP-OFF IS MITIGATED BY THE END OF THE WORK DAY TO BE LESS THAN 12 INCHES. USE IMPACT ATTENUATOR AS DIRECTED BY ENGINEER.



MOT TYPICAL SECTION

STA. 146+28.21 to STA. 149+63.09, UNIVERSITY PARKWAY

\$FILES
 DIRECTORY = 12/26/2013

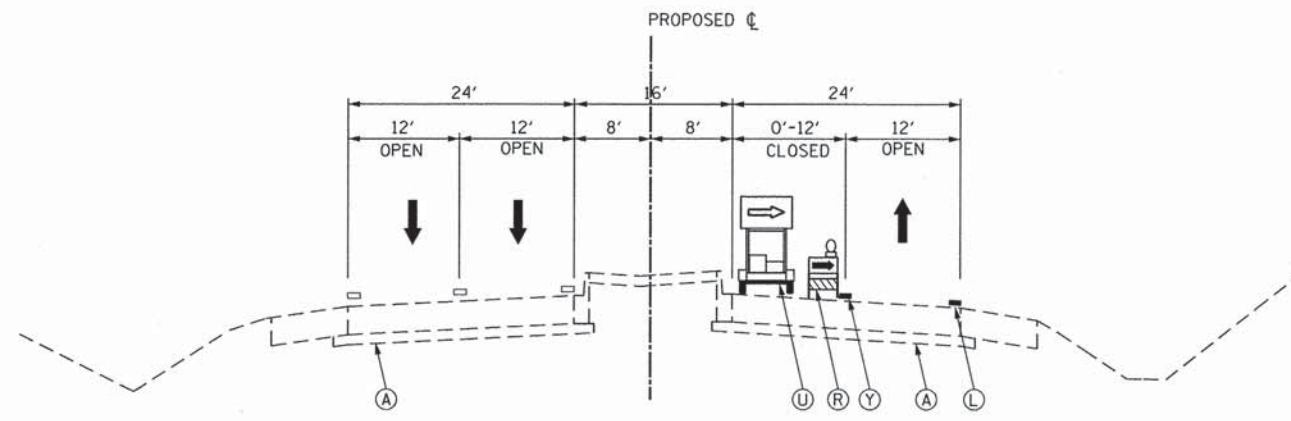
CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = aodeh	DESIGNED - AS	REVISED -
	FILE NAME = mot.typ1B.dgn	DRAWN - AS	REVISED -
	PLOT SCALE = 10,0000' / in.	CHECKED - KDN	REVISED -
	PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

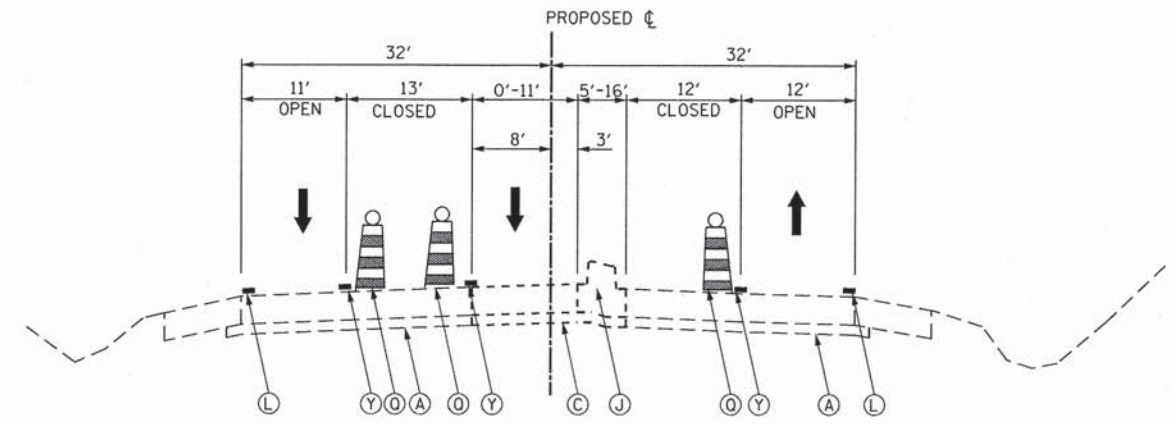
SUGGESTED MAINTENANCE OF TRAFFIC PLANS
MAINTENANCE OF TRAFFIC TYP. 1B

SCALE: 1"=10' SHEET 5 OF 8 SHEETS STA. N/A TO STA. N/A

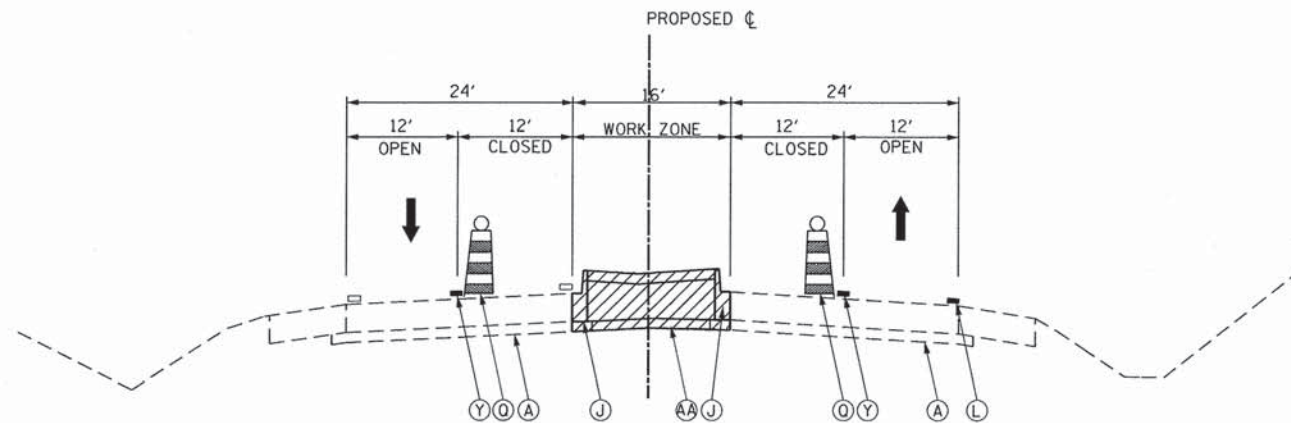
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	18
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	



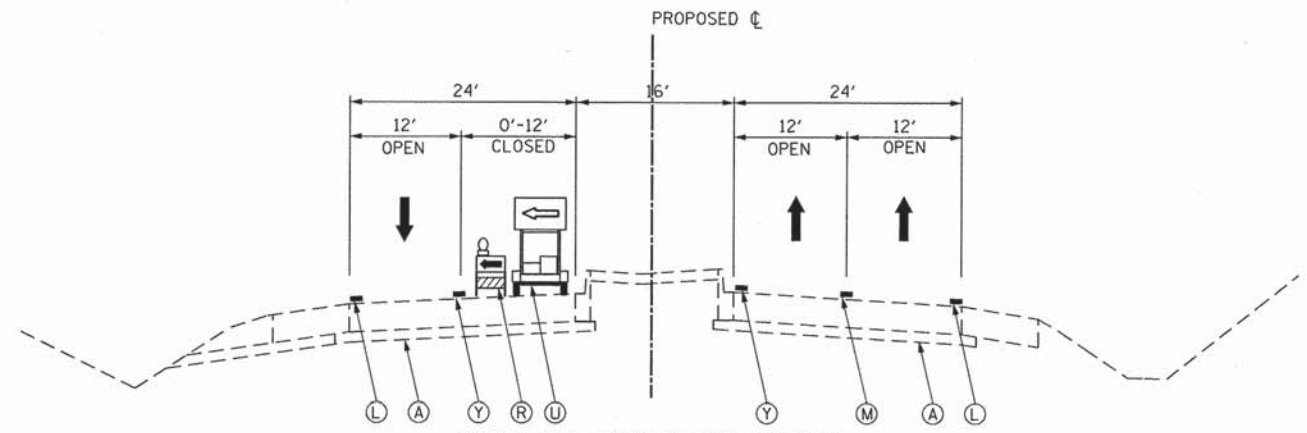
MOT CICERO AVENUE LANE REDUCTION DETAIL
STA. 190+92.40 to STA. 194+52.40



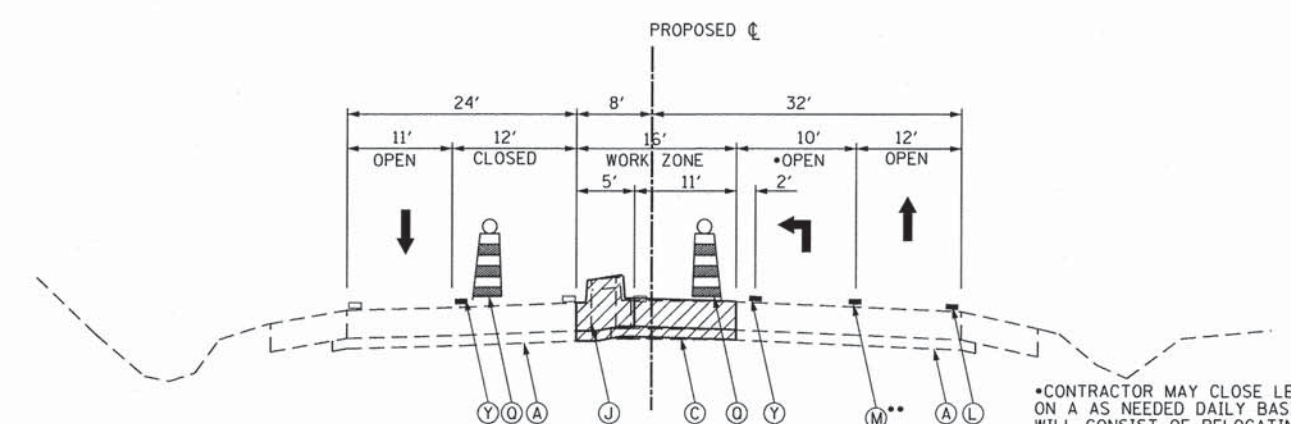
MOT TYPICAL SECTION LANE CLOSURE
STA. 200+48.75 to STA. 206+03.10, CICERO AVENUE



MOT CICERO AVENUE LANE CLOSURE DETAIL
STA. 194+52.40 to STA. 196+18.52



MOT LANE REDUCTION DETAIL
STA. 206+03.10 to STA. 210+63.10, CICERO AVENUE



MOT TYPICAL SECTION
STA. 196+18.52 to STA. 199+54.64, CICERO AVENUE

*CONTRACTOR MAY CLOSE LEFT TURN LANE ON A AS NEEDED DAILY BASIS. THE CLOSURE WILL CONSIST OF RELOCATING THE DRUMS TO THE EDGE OF TRAVEL WAY AND PLACEMENT OF A MINIMUM OF 2-TYPE III BARRICADES. THE CLOSURE SHALL BE REOPENED AT THE END OF EACH DAYS WORK. ON DAYS THE CLOSURE IS NOT NEEDED THE LANE SHALL REMAIN OPEN.

** TRANSITION TO (N) IN STORAGE SECTION

LEGEND:

- (AA) EXIST. MEDIAN - TO BE REMOVED
- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
- (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
- (C) PROP. PAVEMENT STRUCTURE
- (D) PROP. TEMPORARY HOT-MIX ASPHALT PAVEMENT - 10"
- (E) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
- (F) PROP. HOT-MIX ASPHALT BIKE PATH
- (G) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
- (H) PROP. HOT-MIX ASPHALT SURFACE COURSE
- (I) PROP. SURFACE MILLING - 2"
- (J) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
- (K) TEMPORARY PAVEMENT - TO BE REMOVED
- (L) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
- (M) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
- (N) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
- (O) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
- (P) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
- (Q) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
- (R) DIRECTIONAL TYPE 1 BARRICADES
- (S) TYPE 1 BARRICADES
- (T) TYPE III BARRICADES
- (U) ARROW BOARD
- (V) FLEXIBLE DELINEATOR
- (W) VERTICAL PANELS (DOUBLE SIDE) W/ STEADY BURNING LIGHT
- (X) TEMPORARY CONCRETE BARRIER WALL
- (Y) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (Z) TEMPORARY COMBO. CONC. C & G B-6.12

* NOTE:
USE TEMPORARY CONCRETE BARRIER WALL WHEN DROP-OFF IS GREATER THAN 12 INCHES UNLESS DROP-OFF IS MITIGATED BY THE END OF THE WORK DAY TO BE LESS THAN 12 INCHES. USE IMPACT ATTENUATOR AS DIRECTED BY ENGINEER.

9FILES
DIRECTOR = 12/26/2013

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = eodeh	DESIGNED - AS	REVISED -
FILE NAME: mot_substgtyp1b_cic.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

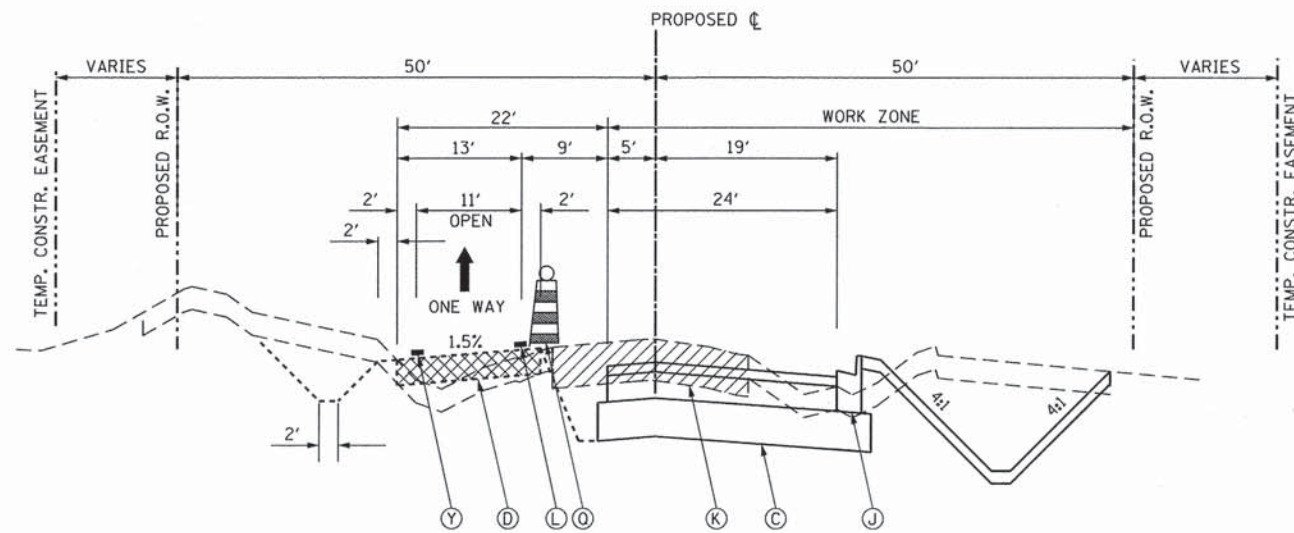
DESIGNED - AS	REVISED -
DRAWN - AS	REVISED -
CHECKED - KDN	REVISED -
DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

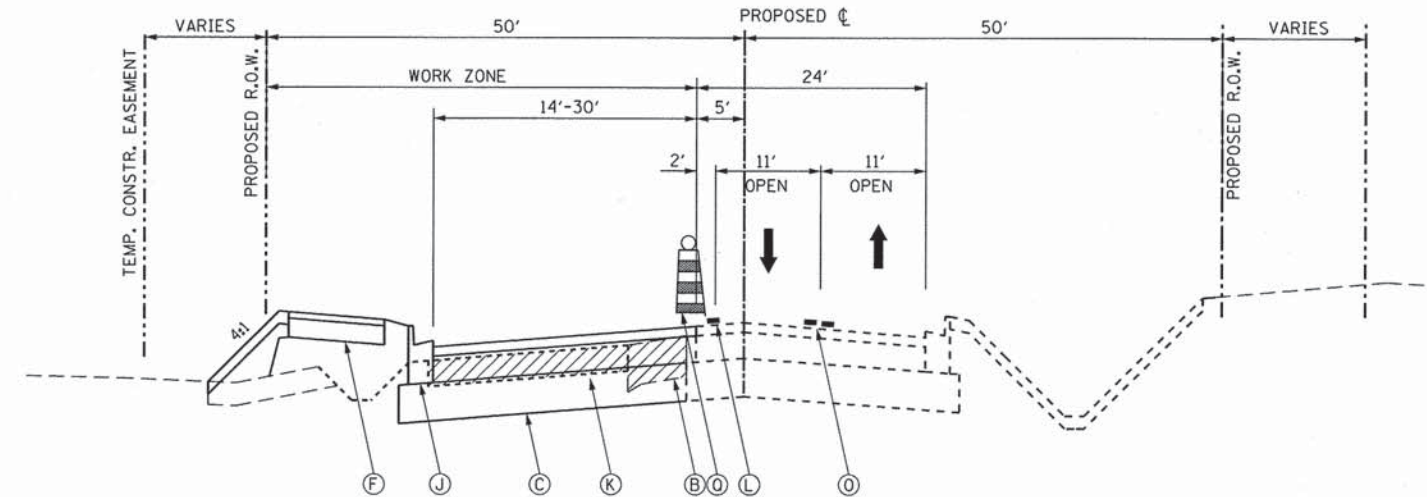
**SUGGESTED MAINTENANCE OF TRAFFIC PLANS
SUB-STAGE TYP. 1B CICERO AVENUE**

SCALE: 1"=10' SHEET 6 OF 8 SHEETS STA. N/A TO STA. N/A

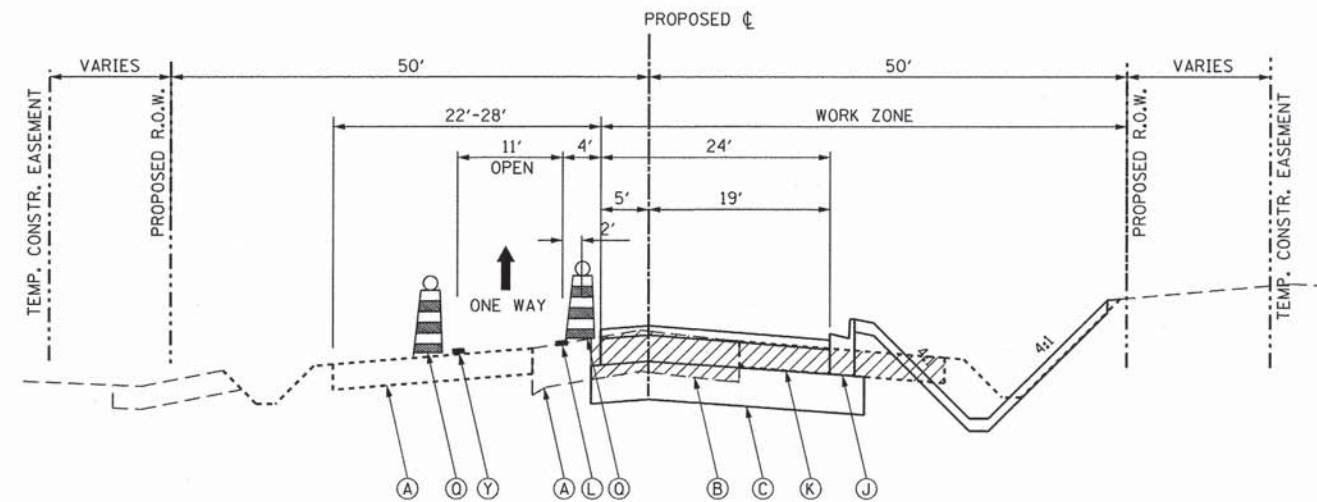
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	19
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



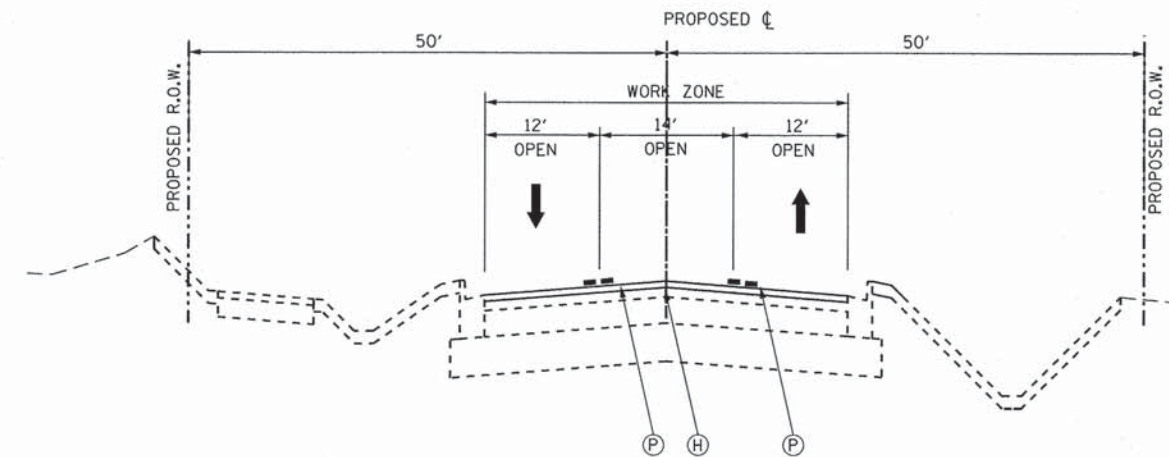
MOT TYPICAL SECTION - STAGE 2A
STA. 118+57.26 to STA. 137+94.42, UNIVERSITY PARKWAY



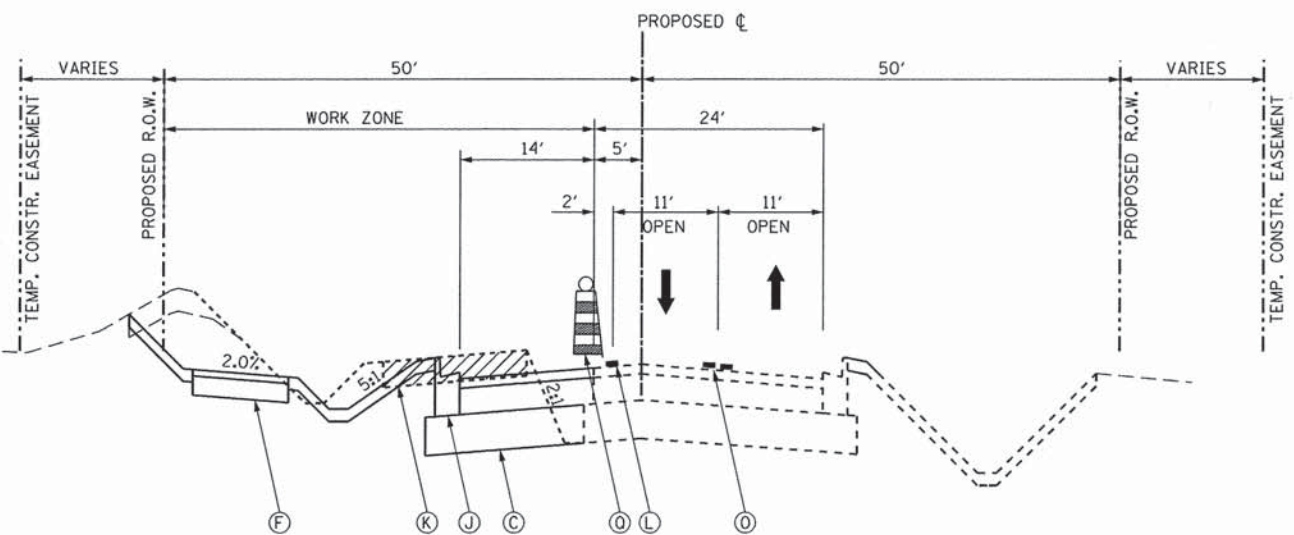
MOT TYPICAL SECTION - STAGE 2B
STA. 137+94.42 to STA. 143+27.36, UNIVERSITY PARKWAY



MOT TYPICAL SECTION - STAGE 2A
STA. 137+94.42 to STA. 143+27.36, UNIVERSITY PARKWAY



MOT TYPICAL SECTION - STAGE 2C
STA. 118+57.26 to STA. 143+27.36, UNIVERSITY PARKWAY

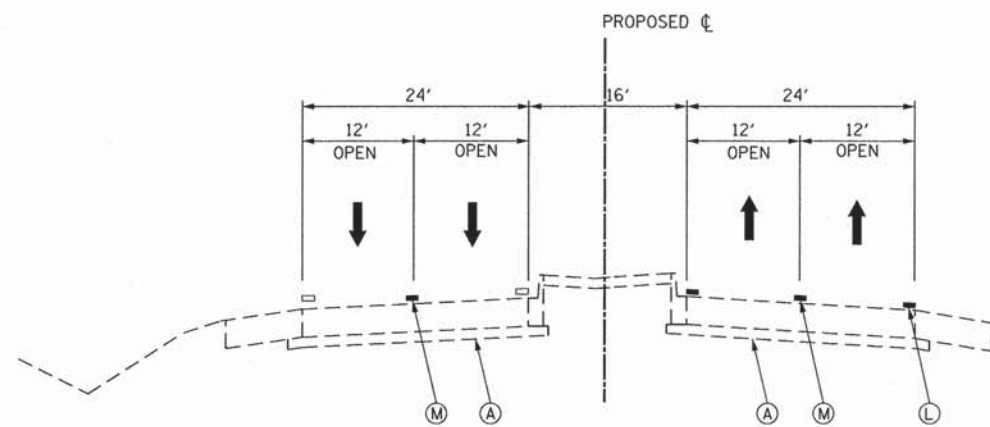


MOT TYPICAL SECTION - STAGE 2B
STA. 118+57.26 to STA. 137+94.42, UNIVERSITY PARKWAY

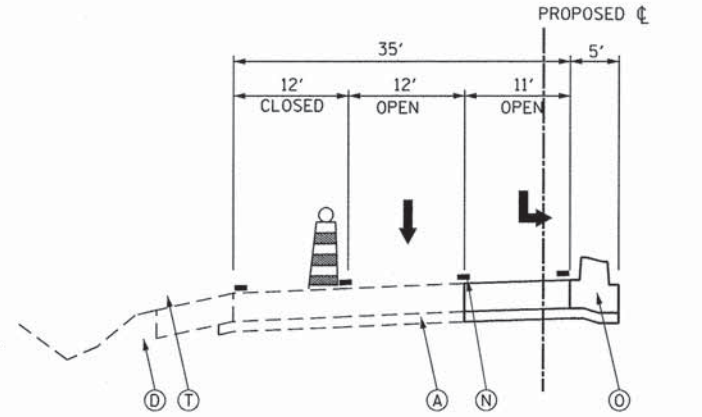
LEGEND:

- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
- (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
- (C) PROP. PAVEMENT STRUCTURE
- (D) PROP. TEMPORARY HOT-MIX ASPHALT PAVEMENT - 10"
- (E) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
- (F) PROP. HOT-MIX ASPHALT BIKE PATH
- (G) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
- (H) PROP. HOT-MIX ASPHALT SURFACE COURSE
- (I) PROP. SURFACE MILLING - 2"
- (J) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
- (K) TEMPORARY PAVEMENT - TO BE REMOVED
- (L) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
- (M) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
- (N) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
- (O) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
- (P) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
- (Q) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
- (R) DIRECTIONAL TYPE I BARRICADES
- (S) TYPE I BARRICADES
- (T) TYPE III BARRICADES
- (U) ARROW BOARD
- (V) FLEXIBLE DELINEATOR
- (W) VERTICAL PANELS (DOUBLE SIDE) W/ STEADY BURNING LIGHT
- (X) TEMPORARY CONCRETE BARRIER WALL
- (Y) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (Z) TEMPORARY COMBO. CONC. C & G B-6.12

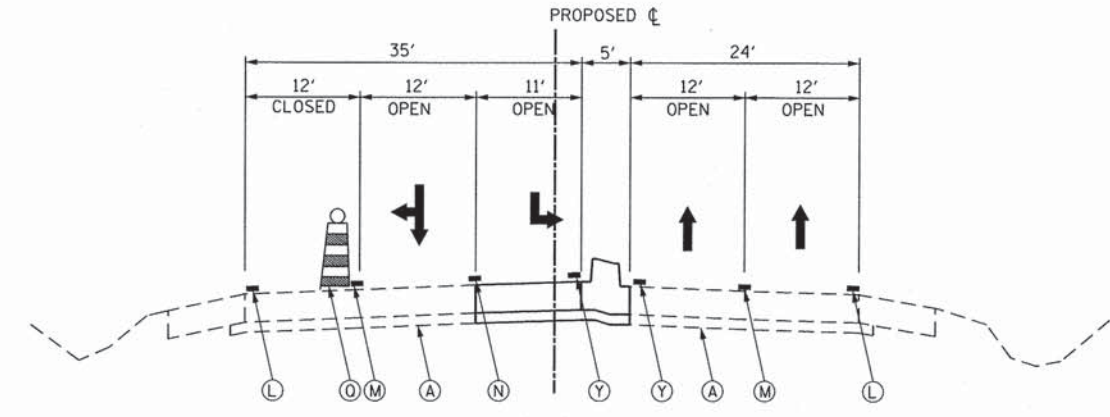
* NOTE:
USE TEMPORARY CONCRETE BARRIER WALL WHEN DROP-OFF IS GREATER THAN 12 INCHES UNLESS DROP-OFF IS MITIGATED BY THE END OF THE WORK DAY TO BE LESS THAN 12 INCHES. USE IMPACT ATTENUATOR AS DIRECTED BY ENGINEER.



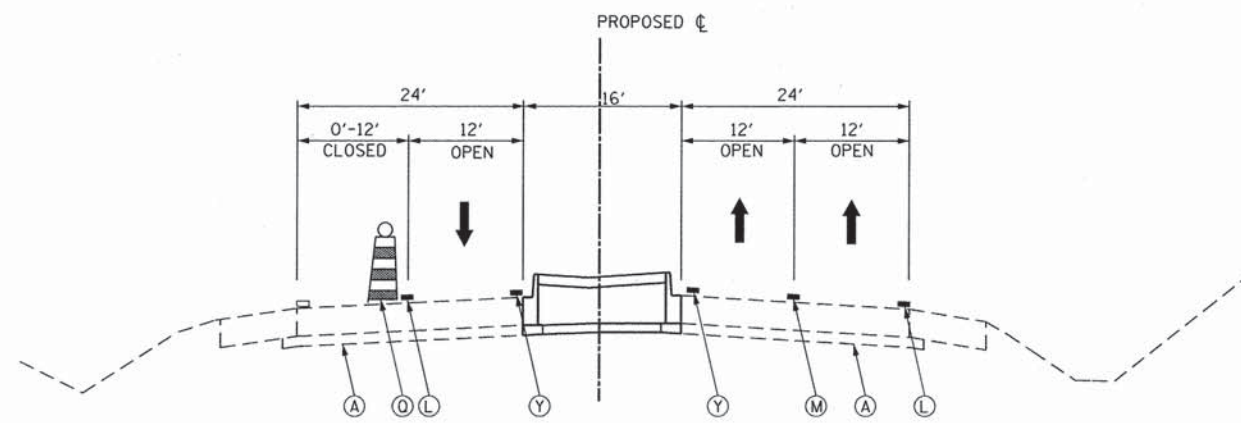
MOT TYPICAL SECTION - STAGE 2A/2B
STA. 190+92.40 to STA. 194+52.39, CICERO AVENUE



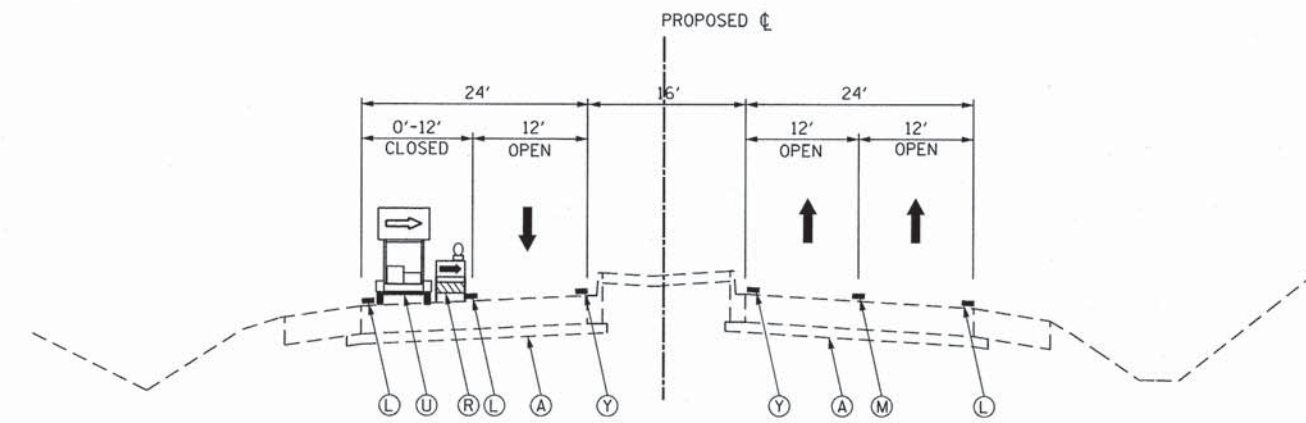
MOT RIGHT TURN CLOSURE DETAIL - STAGE 2A
STA. 200+48.57 to STA. 207+03.11, CICERO AVENUE



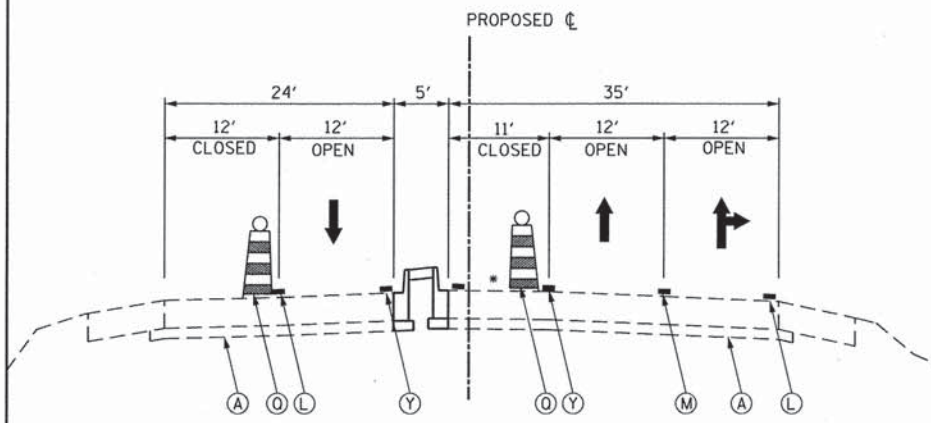
MOT TYPICAL SECTION - STAGE 2B
STA. 200+48.57 to STA. 207+03.11, CICERO AVENUE



MOT LANE CLOSURE DETAIL - STAGE 2A/2B
STA. 194+52.39 to STA. 196+98.40, CICERO AVENUE

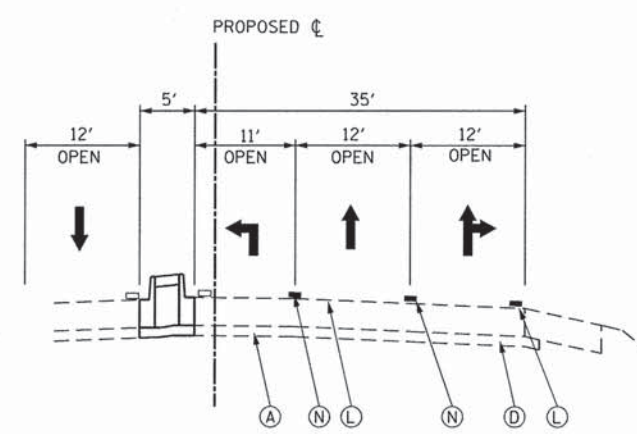


MOT LANE REDUCTION DETAIL - STAGE 2A/2B
STA. 207+03.11 to STA. 210+63.01, CICERO AVENUE



MOT LEFT TURN LANE CLOSURE DETAIL - STAGE 2A
STA. 196+98.40 to STA. 199+93.99, CICERO AVENUE

• STRIPE TURN LANE WITH 12" DIAGONALS ON 30' SPACING



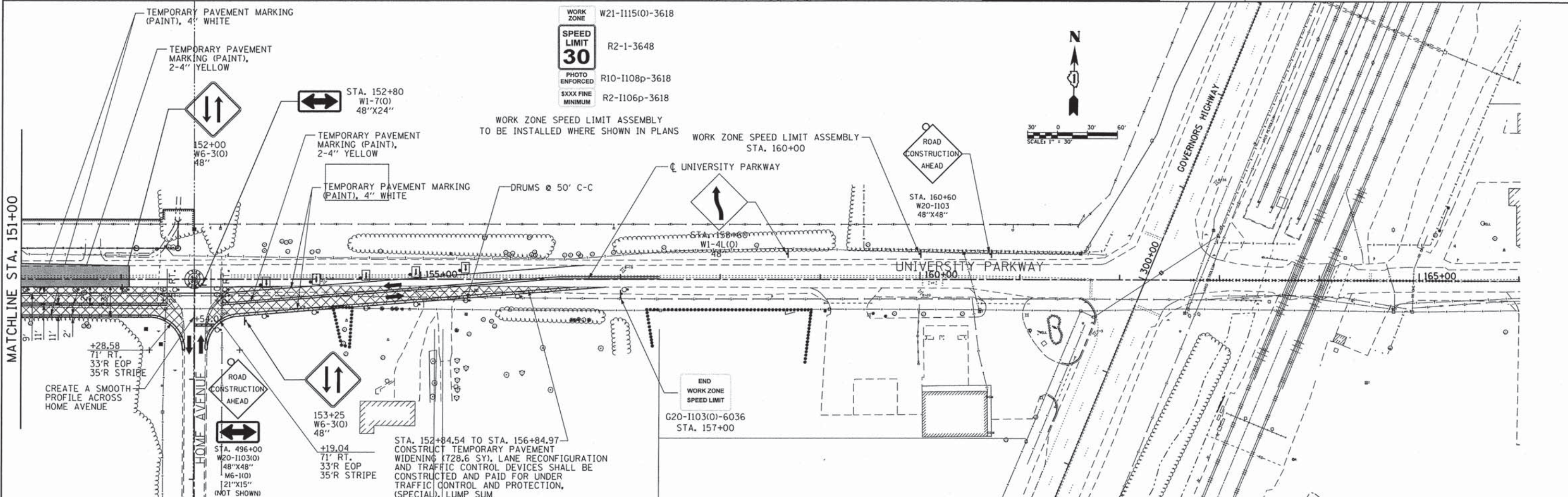
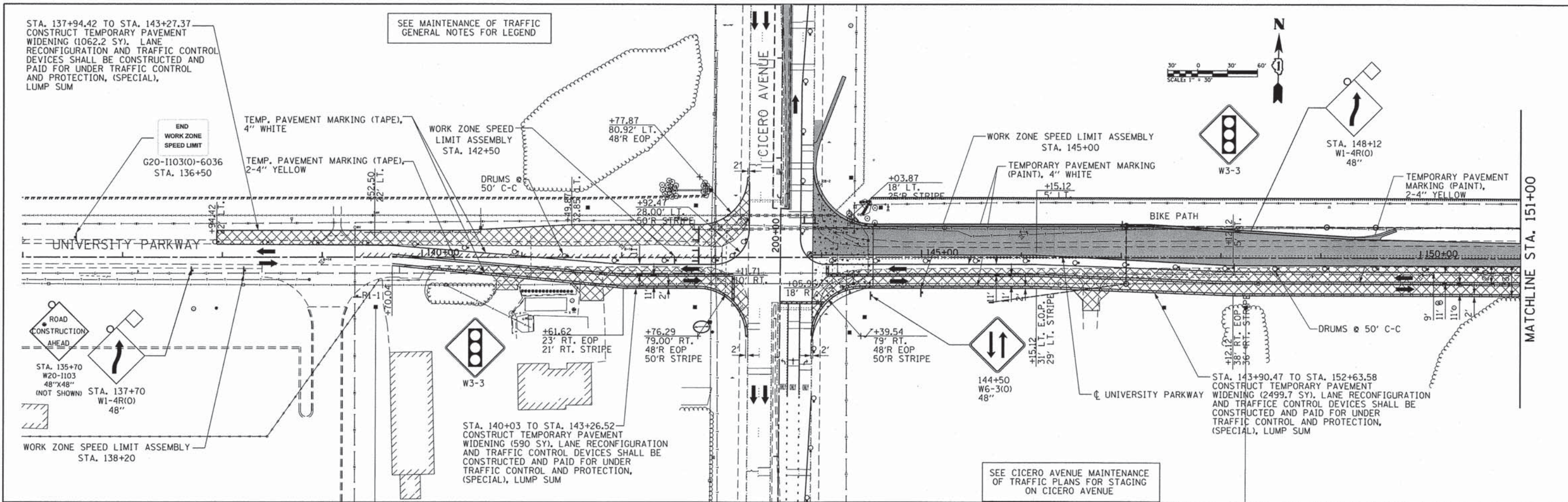
MOT LEFT TURN LANE - STAGE 2B
STA. 196+98.40 to STA. 199+93.99, CICERO AVENUE

LEGEND:

- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
- (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
- (C) PROP. PAVEMENT STRUCTURE
- (D) PROP. TEMPORARY HOT-MIX ASPHALT PAVEMENT - 10"
- (E) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
- (F) PROP. HOT-MIX ASPHALT BIKE PATH
- (G) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
- (H) PROP. HOT-MIX ASPHALT SURFACE COURSE
- (I) PROP. SURFACE MILLING - 2"
- (J) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
- (K) TEMPORARY PAVEMENT - TO BE REMOVED
- (L) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
- (M) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
- (N) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
- (O) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
- (P) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
- (Q) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
- (R) DIRECTIONAL TYPE I BARRICADES
- (S) TYPE I BARRICADES
- (T) TYPE III BARRICADES
- (U) ARROW BOARD
- (V) FLEXIBLE DELINEATOR
- (W) VERTICAL PANELS (DOUBLE SIDE) W/ STEADY BURNING LIGHT
- * (X) TEMPORARY CONCRETE BARRIER WALL
- (Y) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (Z) TEMPORARY COMBO. CONC. C & G B-6.12

* NOTE:
USE TEMPORARY CONCRETE BARRIER WALL WHEN DROP-OFF IS GREATER THAN 12 INCHES UNLESS DROP-OFF IS MITIGATED BY THE END OF THE WORK DAY TO BE LESS THAN 12 INCHES. USE IMPACT ATTENUATOR AS DIRECTED BY ENGINEER.

<p>CMT CRAMFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613</p>	USER NAME = eodah FILE NAME = mot_typ2a_2b_cic.dgn PLOT SCALE = 10,0000' / 1in. PLOT DATE = 12/26/2013	DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 12/26/2013	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC PLANS MAINTENANCE OF TRAFFIC TYP. 2A & 2B CICERO AVENUE	F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 21
	SCALE: 1"=10' SHEET 8 OF 8 SHEETS STA. N/A TO STA. N/A					CONTRACT NO. 63709 ILLINOIS FED. AID PROJECT				



CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME = mot_stg1a_3.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = 8/24/2013	DATE - 12/26/2013	REVISED -

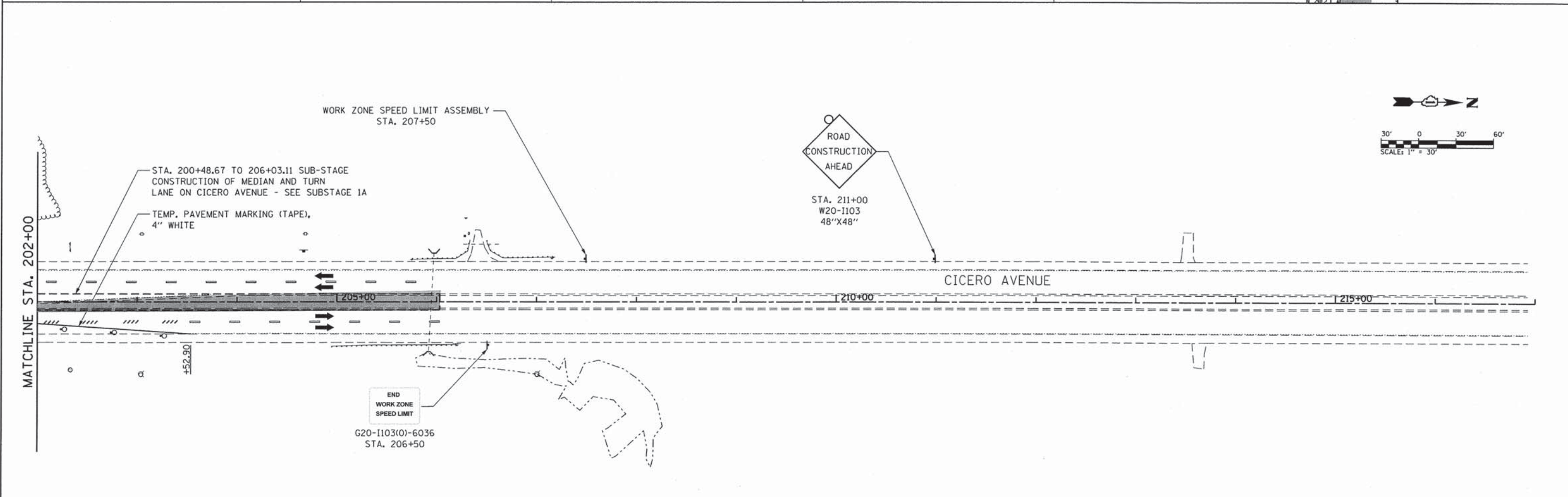
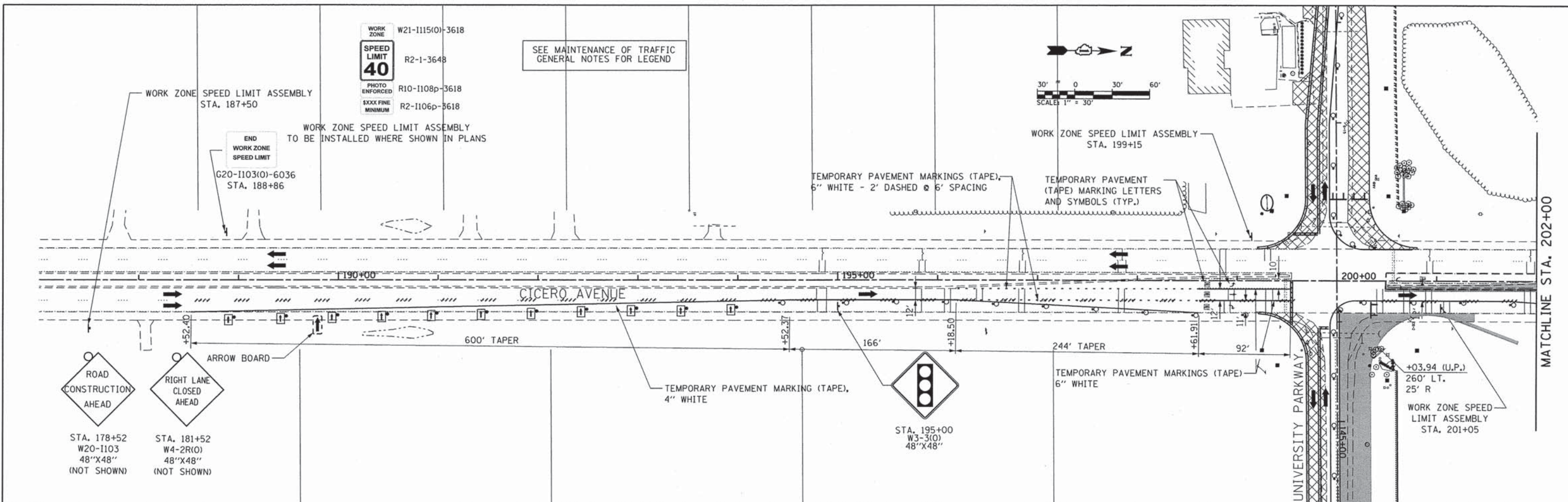
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 1A UNIVERSITY PARKWAY**

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 136+00 TO STA. 166+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 22
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	

DIRECTORY # FLEDIR#



DIRECTORY = #FILEDIR#

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = eodeh	DESIGNED - AS	REVISED -
FILE NAME = mot_cic.stgla.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = #DAYTIME#	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

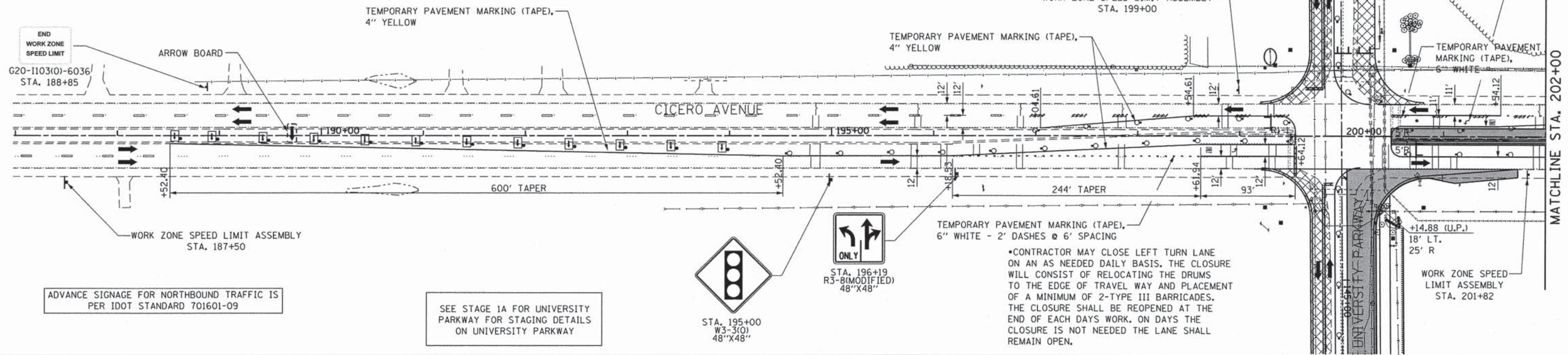
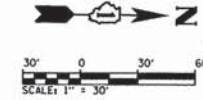
SUGGESTED MAINTENANCE OF TRAFFIC STAGE 1A CICERO AVENUE			
SCALE: 1"=50'	SHEET 1	OF 1 SHEETS	STA. 187+00 TO STA. 217+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 23
CONTRACT NO. 63709 <small>ILLINOIS FED. AID PROJECT</small>				

WORK ZONE W21-1115(O)-3618
 SPEED LIMIT R2-1-3648
 PHOTO ENFORCED R10-1108p-3618
 \$XXX FINE R2-1106p-3618
 MINIMUM

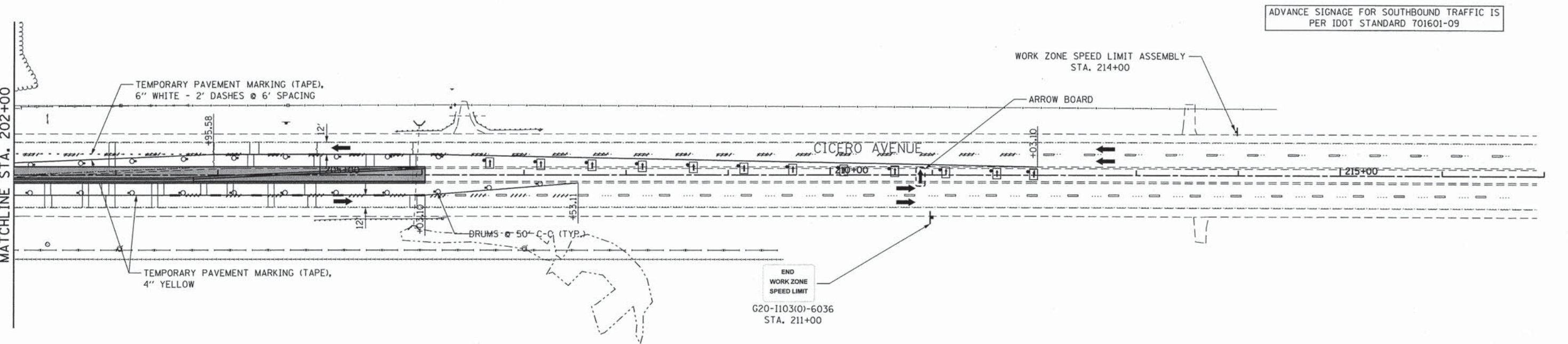
SEE MAINTENANCE OF TRAFFIC GENERAL NOTES FOR LEGEND

WORK ZONE SPEED LIMIT ASSEMBLY TO BE INSTALLED WHERE SHOWN IN PLANS

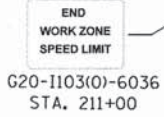


ADVANCE SIGNAGE FOR NORTHBOUND TRAFFIC IS PER IDOT STANDARD 701601-09

SEE STAGE 1A FOR UNIVERSITY PARKWAY FOR STAGING DETAILS ON UNIVERSITY PARKWAY



ADVANCE SIGNAGE FOR SOUTHBOUND TRAFFIC IS PER IDOT STANDARD 701601-09



DIRECTORY # FFILEDIR#

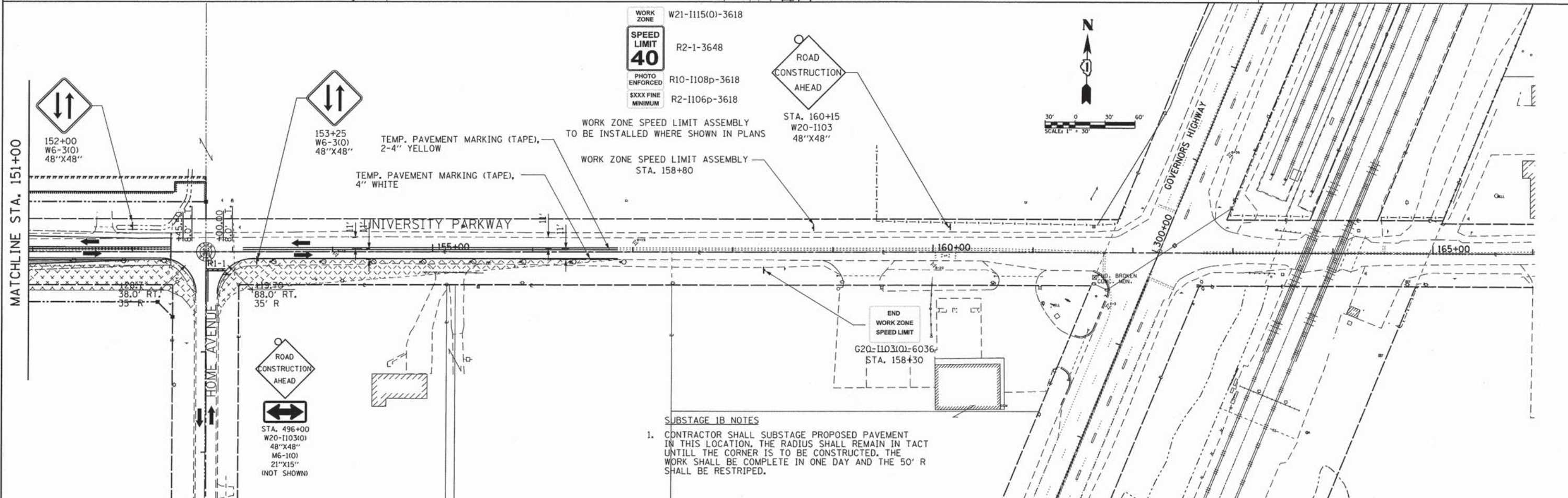
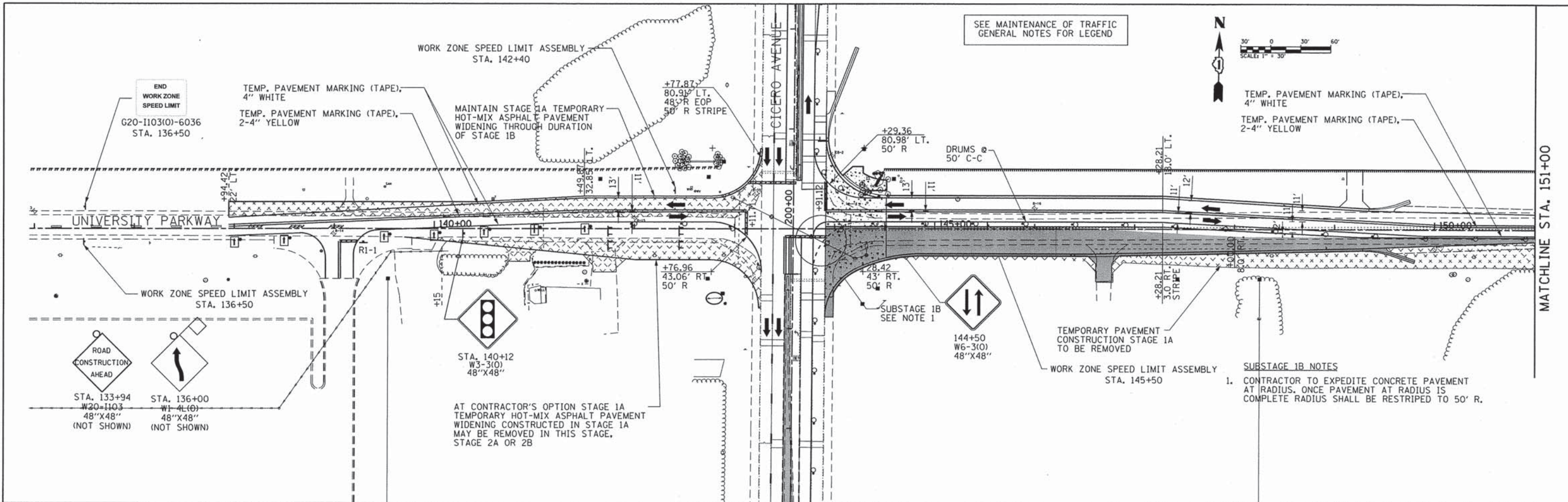
<p>CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613</p>	USER NAME = eodeh	DESIGNED - AS	REVISED -
	FILE NAME: mot_cic_substage1.dgn	DRAWN - AS	REVISED -
	PLOT SCALE =	CHECKED - KDN	REVISED -
	PLOT DATE = #DATEIME#	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
SUB-STAGE 1A CICERO AVENUE

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 187+00 TO STA. 217+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	24
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

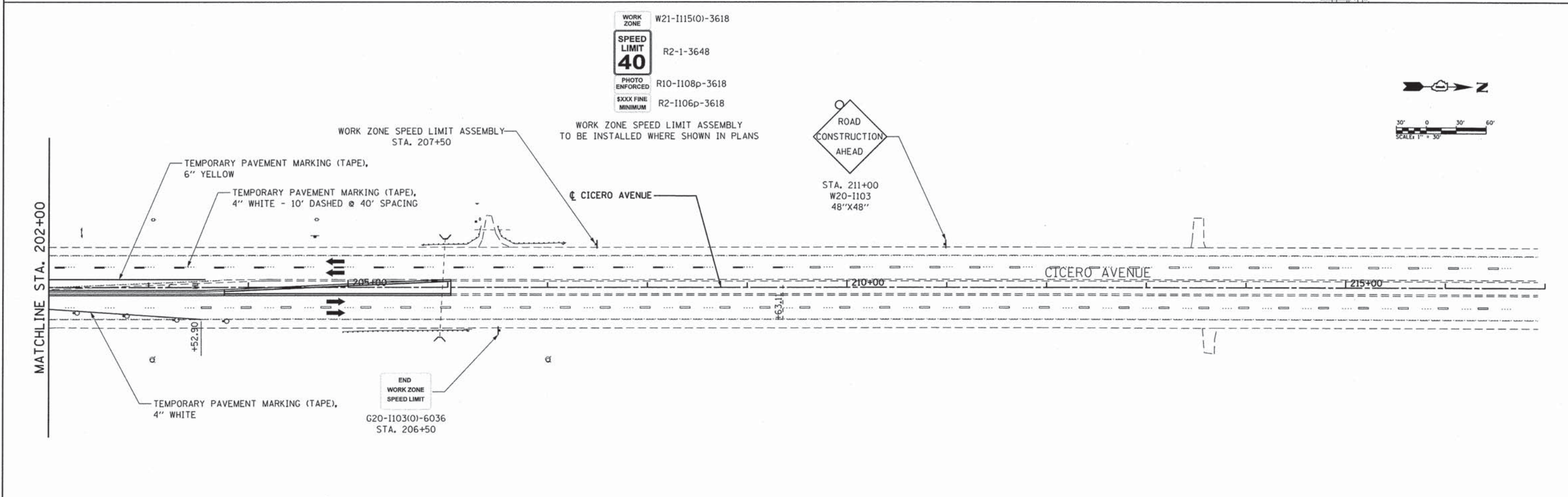
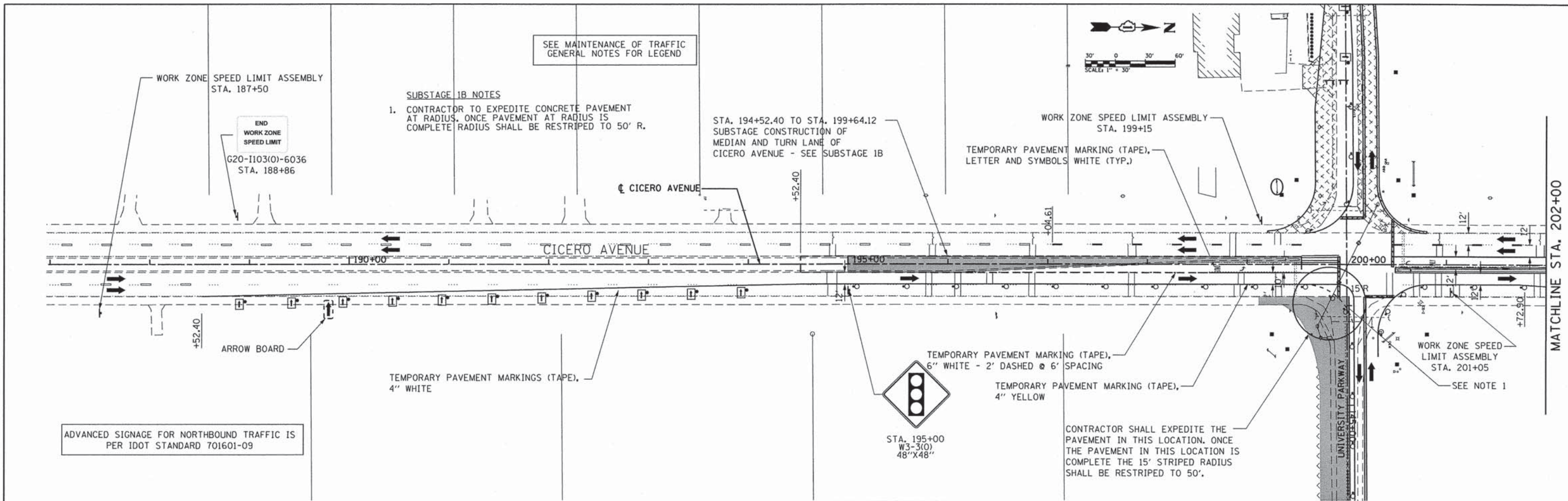
USER NAME = eodch	DESIGNED - AS	REVISED -
FILE NAME: mot_stg1b_3.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 1B UNIVERSITY PARKWAY
 SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 136+00 TO STA. 166+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 25
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

DIRECTORY # FILEDIR#



WORK ZONE W21-1115(O)-3618
 SPEED LIMIT 40 R2-1-3648
 PHOTO ENFORCED R10-1108p-3618
 XXXX FINE MINIMUM R2-1106p-3618

ROAD CONSTRUCTION AHEAD
 STA. 211+00
 W20-1103
 48"X48"

STA. 195+00
 W3-3(O)
 48"X48"

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

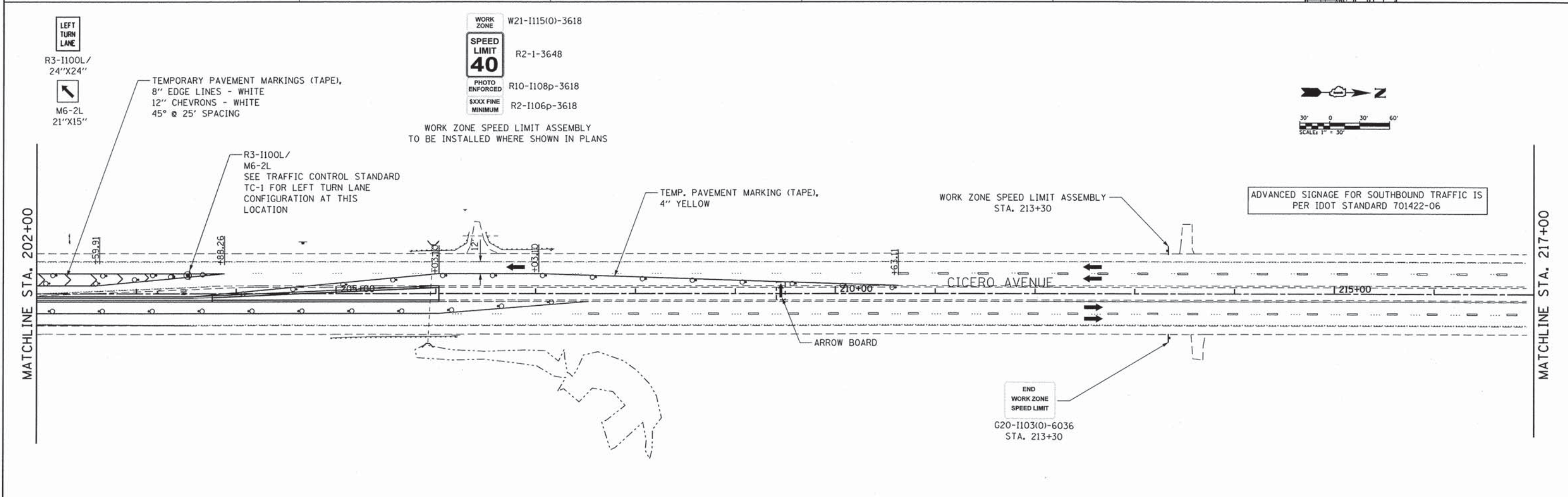
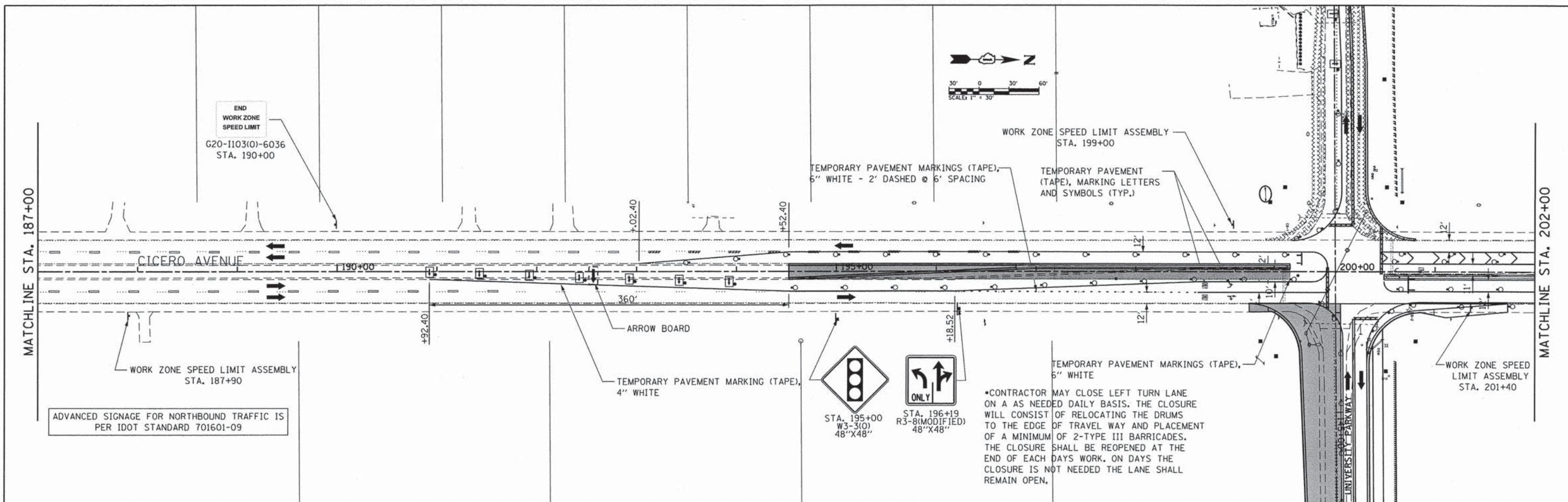
USER NAME = eodeh	DESIGNED - AS	REVISED -
FILE NAME = mot_cic_stg1b.l.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATEIME#	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
 STAGE 1B CICERO AVENUE
 SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 187+00 TO STA. 217+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 26
				CONTRACT NO. 63709
ILLINOIS FED. AID PROJECT				

DIRECTORY = #FILEDIR#



CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = eodeh	DESIGNED - AS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC SUB-STAGE 1B CICERO AVENUE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME: mot_cic_substg1b.lgn	DRAWN - AS	REVISED -		1637	96-00014-00-PV	WILL	112	27			
	PLOT SCALE =	CHECKED - KDN	REVISED -		CONTRACT NO. 63709							
	PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -		ILLINOIS FED. AID PROJECT							

DIRECTORY # #FILEDIR#

WORK ZONE W21-I115(O)-3618
 SPEED LIMIT 30 R2-1-3648
 PHOTO ENFORCED R10-I108p-3618
 SIXX FINE MINIMUM R2-I106p-3618

WORK ZONE SPEED LIMIT ASSEMBLY TO BE INSTALLED WHERE SHOWN IN PLANS

SEE MAINTENANCE OF TRAFFIC GENERAL NOTES FOR LEGEND

APPLIED SYSTEMS MAINTENANCE FACILITY

TEMP. PAVEMENT MARKING (TAPE), 4" YELLOW

R3-2 24"x24"

BEGIN ONE WAY R6-6 30"x36"

TEMP. PAVEMENT MARKING (TAPE), 4" WHITE

ONE WAY

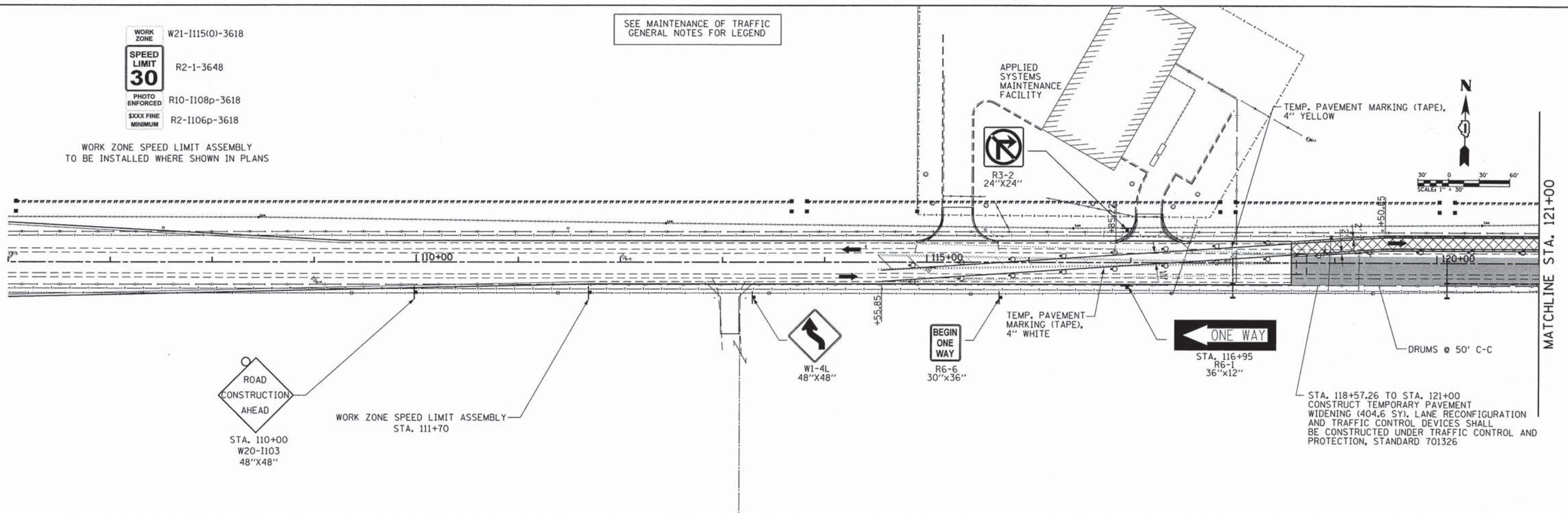
STA. 116+95 R6-1 36"x12"

STA. 118+57.26 TO STA. 121+00 CONSTRUCT TEMPORARY PAVEMENT WIDENING (404.6 SY), LANE RECONFIGURATION AND TRAFFIC CONTROL DEVICES SHALL BE CONSTRUCTED UNDER TRAFFIC CONTROL AND PROTECTION, STANDARD 701326

ROAD CONSTRUCTION AHEAD STA. 110+00 W20-I103 48"x48"

WORK ZONE SPEED LIMIT ASSEMBLY STA. 111+70

W1-4L 48"x48"



TEMP. PAVEMENT MARKING (PAINT), 4" YELLOW

TEMP. PAVEMENT MARKING (PAINT), 4" WHITE

ONE WAY

STA. 127+81 R6-1 36"x12"

DO NOT ENTER

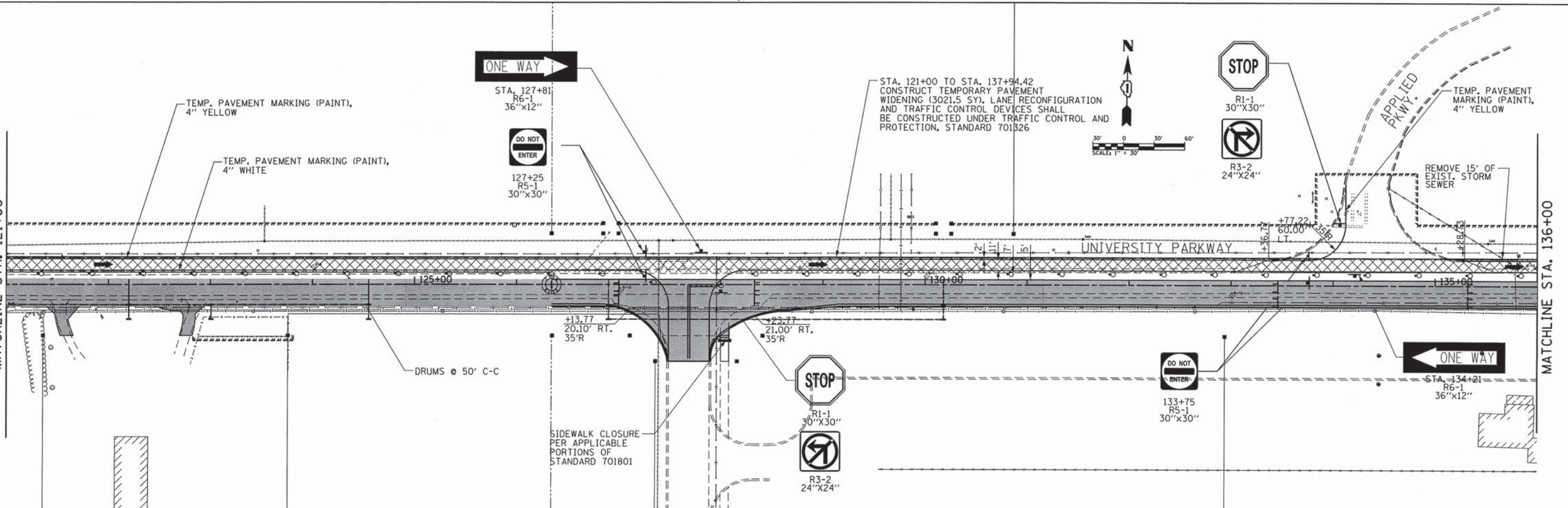
127+25 R5-1 30"x30"

STA. 121+00 TO STA. 137+94.42 CONSTRUCT TEMPORARY PAVEMENT WIDENING (3021.5 SY), LANE RECONFIGURATION AND TRAFFIC CONTROL DEVICES SHALL BE CONSTRUCTED UNDER TRAFFIC CONTROL AND PROTECTION, STANDARD 701326

STOP

R1-1 30"x30"

R3-2 24"x24"



DRUMS 50' C-C

+13.77 20.10' RT. 35'R

+23.77 21.00' RT. 35'R

SIDEWALK CLOSURE PER APPLICABLE PORTIONS OF STANDARD 701801

STOP

R1-1 30"x30"

R3-2 24"x24"

DO NOT ENTER

133+75 R5-1 30"x30"

ONE WAY

STA. 134+21 R6-1 36"x12"

DIRECTORY # #FILEDIR#

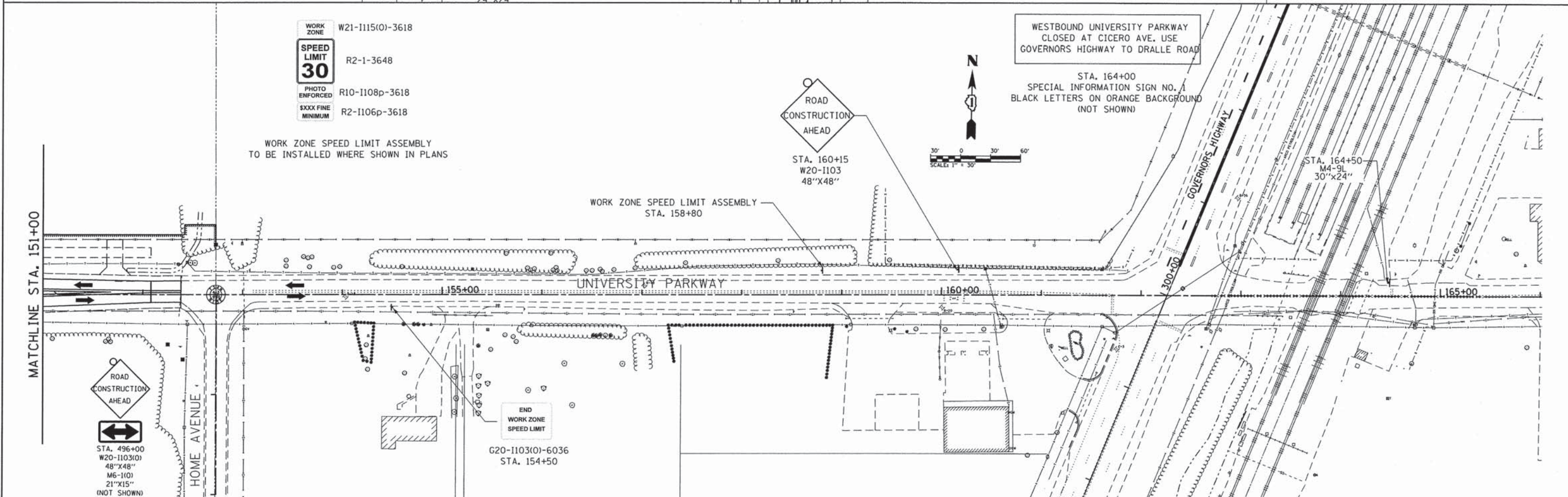
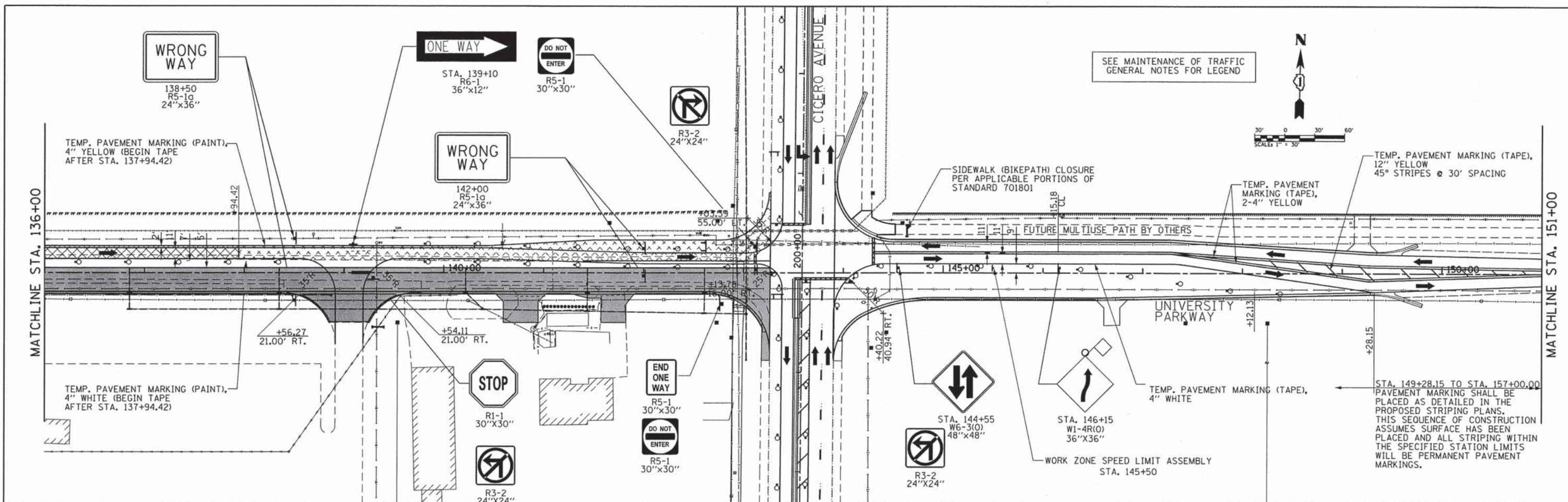
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = eodeh	DESIGNED - AS	REVISED -
FILE NAME: mot.stg2a.2.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATEIME#	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
 STAGE 2A UNIVERSITY PARKWAY
 SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 106+00 TO STA. 136+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	28
				CONTRACT NO. 63709
ILLINOIS FED. AID PROJECT				



CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = eodeh FILE NAME = mot_stg2a_3.dgn PLOT SCALE = PLOT DATE = #DATETIME#	DESIGNED - AS DRAWN - AS CHECKED - KON DATE - 12/26/2013	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC STAGE 2A UNIVERSITY PARKWAY	F.A.U. RTE. 1637 SECTION 96-00014-00-PV COUNTY WILL TOTAL SHEETS 112 SHEET NO. 29 CONTRACT NO. 63709 [ILLINOIS] FED. AID PROJECT
	SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 136+00 TO STA. 166+00					
	SEE MAINTENANCE OF TRAFFIC GENERAL NOTES FOR LEGEND					

WORK ZONE W21-I115(O)-3618

SPEED LIMIT 40 R2-1-3648

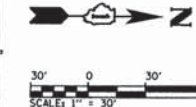
PHOTO ENFORCED R10-I108p-3618
\$XXX FINE MINIMUM R2-I106p-3618

WORK ZONE SPEED LIMIT ASSEMBLY TO BE INSTALLED WHERE SHOWN IN PLANS

SEE MAINTENANCE OF TRAFFIC GENERAL NOTES FOR LEGEND

END WORK ZONE SPEED LIMIT G20-I103(O)-6036 STA. 193+10

TEMP. PAVEMENT MARKING (TAPE), 4" WHITE



STA. 188+50 W20-I103(O) 48"X48"

WESTBOUND UNIVERSITY PARKWAY CLOSED. USE DRALLE ROAD TO CENTRAL AVENUE

SPECIAL INFORMATION SIGN NO. 1 BLACK LETTERS ON ORANGE BACKGROUND

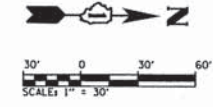
STA. 190+00 SPECIAL INFORMATION SIGN NO. 1

WORK ZONE SPEED LIMIT ASSEMBLY STA. 193+10

TEMP. PAVEMENT MARKING (TAPE), 4" WHITE 10 DASHED @ 30' SPACING

TEMP. PAVEMENT MARKING (TAPE), 4" YELLOW EDGE LINE 12" YELLOW HATCH @ 45°-SPACING 30'

MATCHLINE STA. 202+00



STA. 206+00 R3-8(MODIFIED) 48"X48"

TEMP. PAVEMENT MARKING (TAPE), 4" WHITE

ARROWBOARD

ADVANCED SOUTHBOUND SIGNING PER IDOT STANDARD 701422-06

MATCHLINE STA. 202+00

END WORK ZONE SPEED LIMIT G20-I103(O)-6036 STA. 212+00

WESTBOUND UNIVERSITY PARKWAY CLOSED. USE GOVERNORS HIGHWAY TO DRALLE ROAD

STA. 220+00, O/S LT SPECIAL INFORMATION SIGN NO. 1 BLACK LETTERS ON ORANGE BACKGROUND (NOT SHOWN)

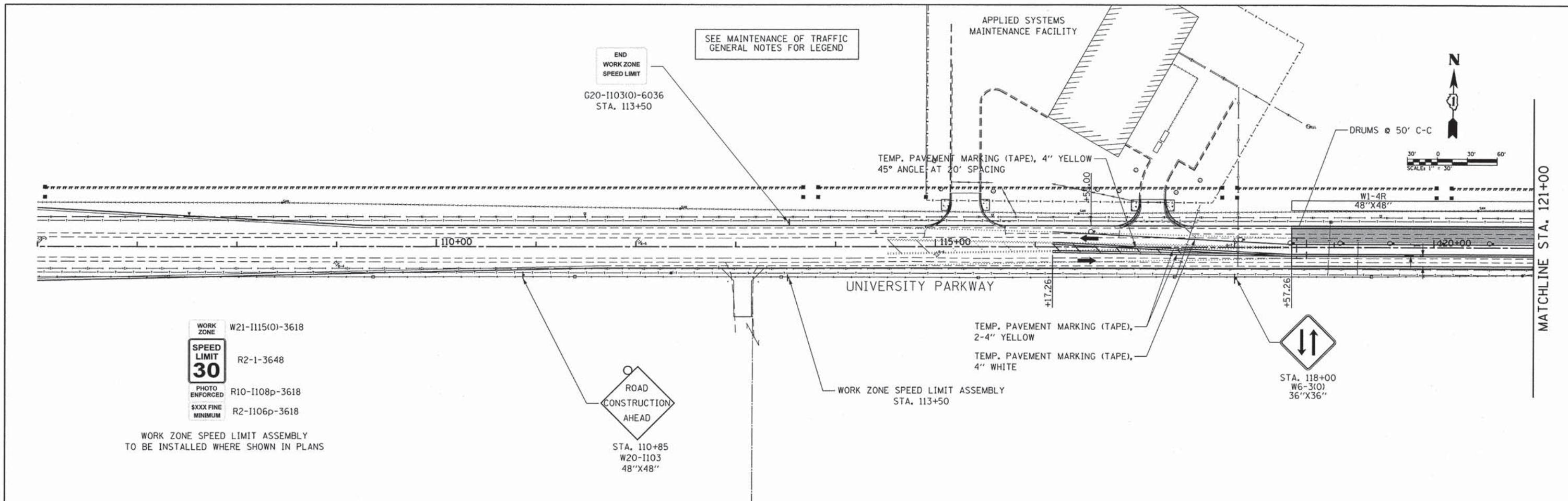
DIRECTORY # FILEDIR#

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = eodeh	DESIGNED - AS	REVISED -
FILE NAME: mot_cic_stg2a_1.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

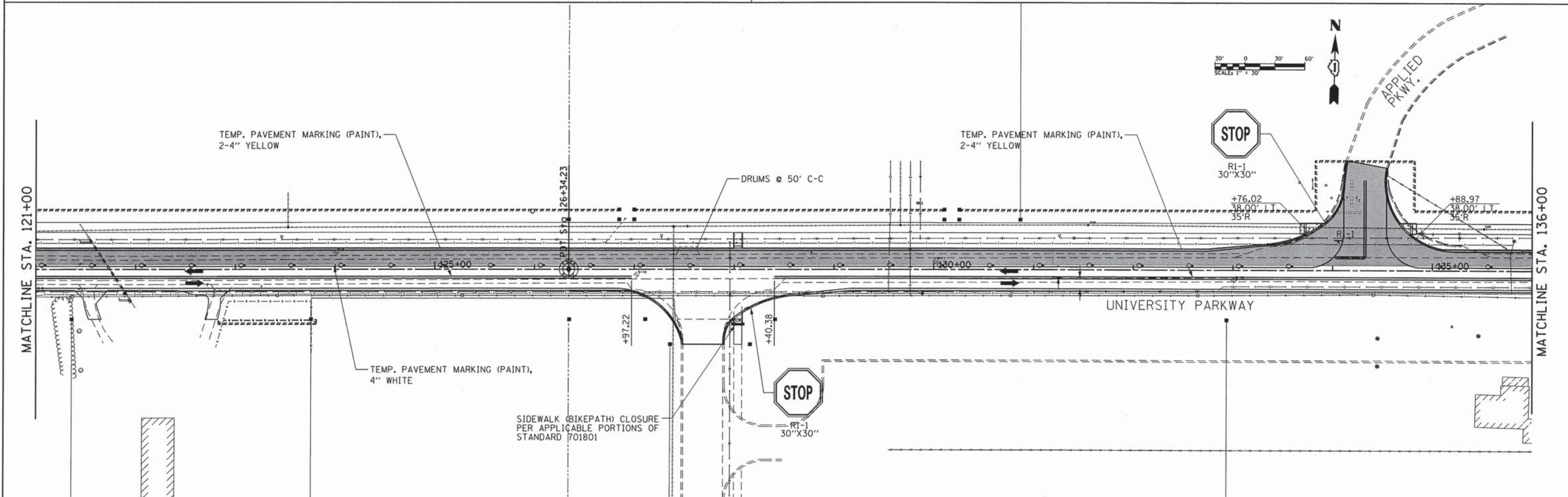
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STAGE 2A CICERO AVENUE		1637	96-00014-00-PV	WILL	112	30
SCALE: Scale	SHEET 1 OF 1 SHEETS	STA. 187+00	TO STA. 217+00		CONTRACT NO. 63709	
ILLINOIS FED. AID PROJECT						

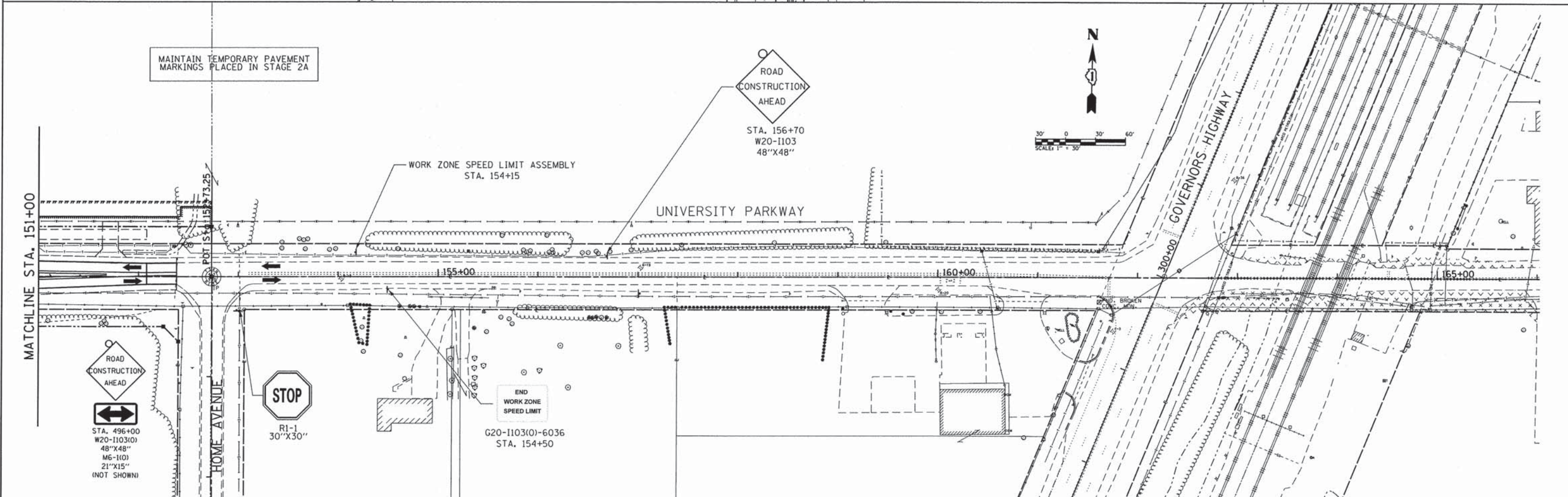
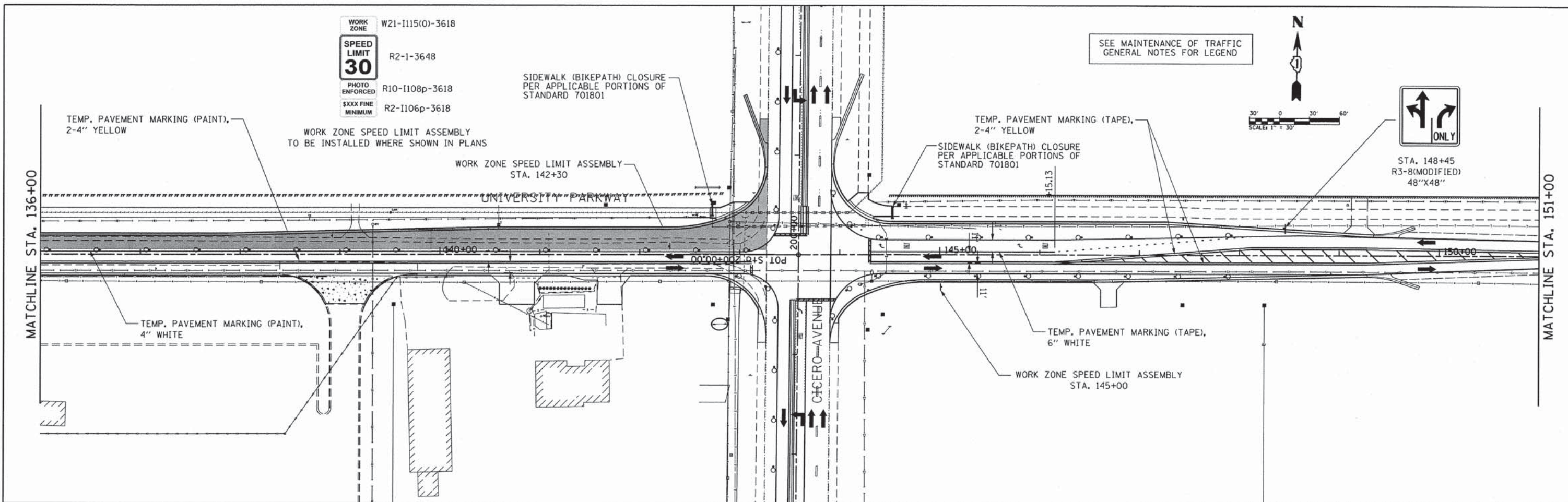


WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
XXXX FINE MINIMUM	R2-1106p-3618

WORK ZONE SPEED LIMIT ASSEMBLY TO BE INSTALLED WHERE SHOWN IN PLANS



CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = oodeh FILE NAME = mot_stg2b_2.dgn PLOT SCALE = PLOT DATE = #DATEIME#	DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 12/26/2013	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC STAGE 2B UNIVERSITY PARKWAY	F.A.U. RTE. 1637 SECTION 96-00014-00-PV COUNTY WILL TOTAL SHEETS 112 SHEET NO. 31 CONTRACT NO. 63709	SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 106+00 TO STA. 136+00	ILLINOIS FED. AID PROJECT
--	---	---	--	---	---	---	--	---------------------------



CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = eodah	DESIGNED - AS	REVISED -
FILE NAME = mot_stg2b_3.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

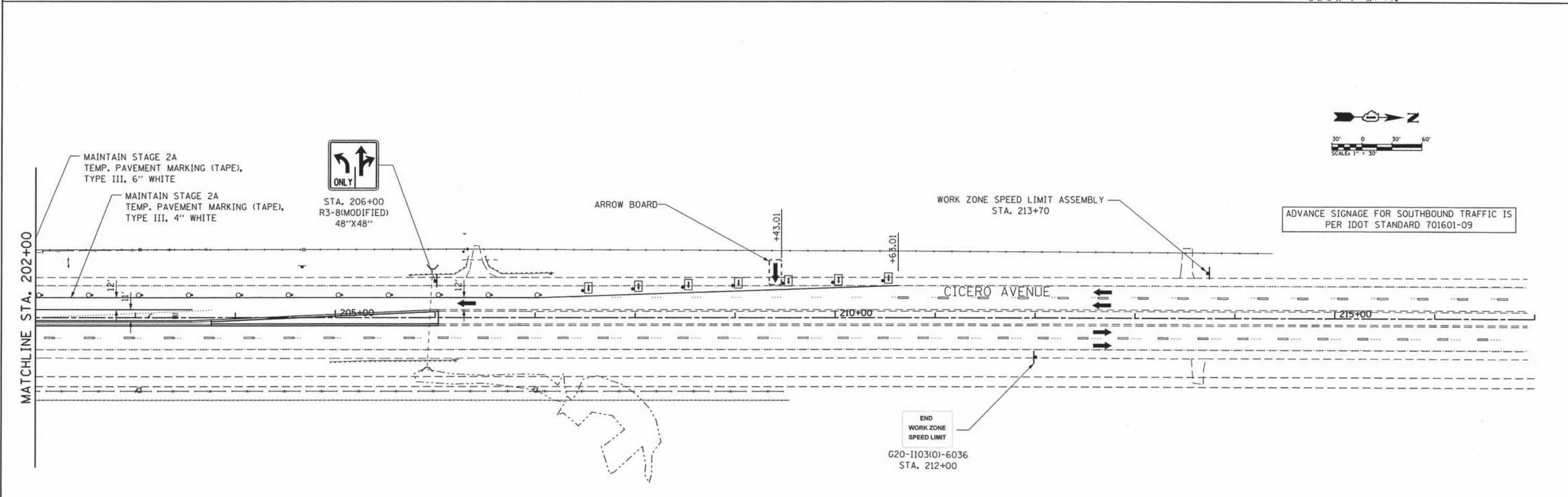
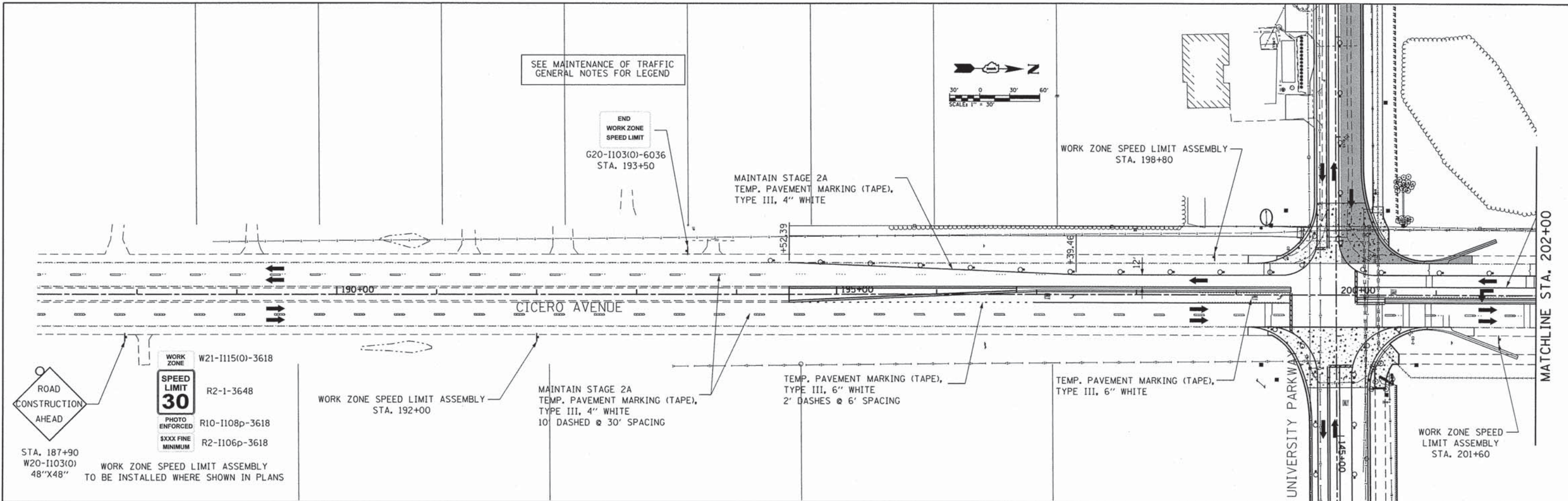
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
 STAGE 2B UNIVERSITY PARKWAY**

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 136+00 TO STA. 166+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	32
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

DIRECTORY = #FILEDIR#



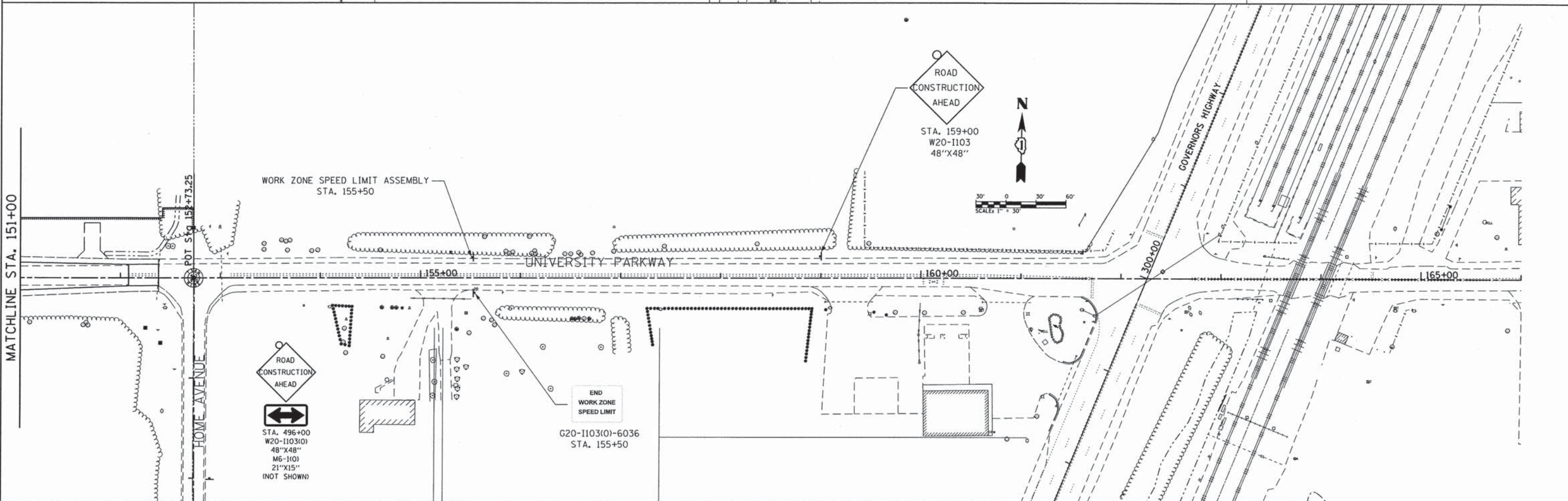
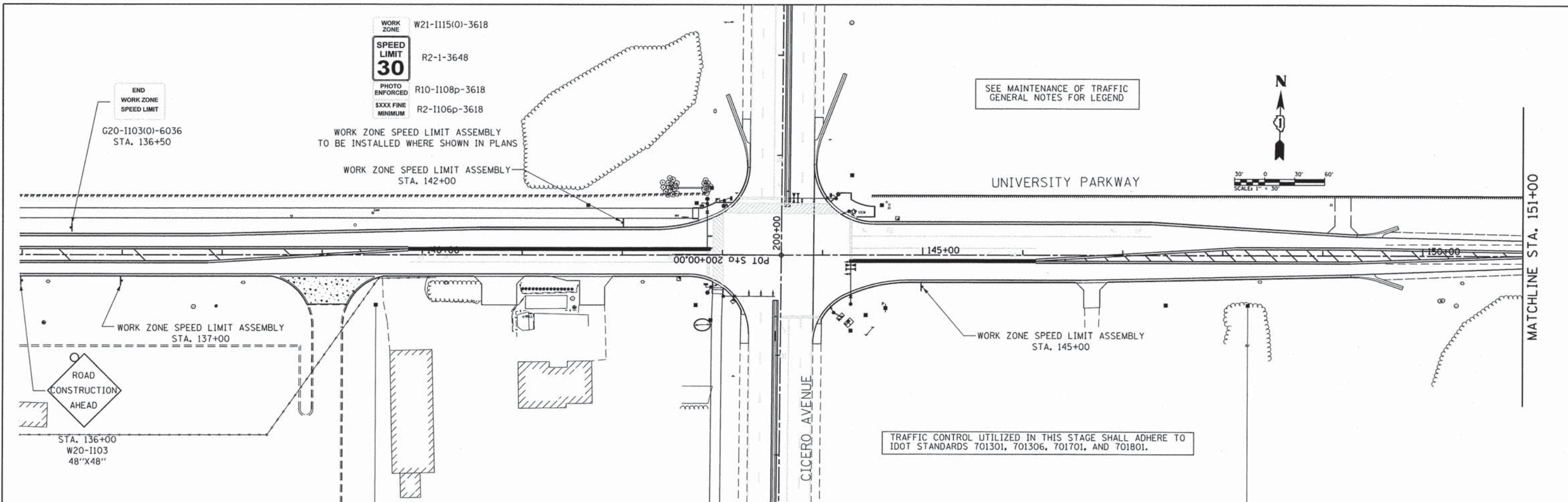
DIRECTORY # FILEDIR#

CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = eodeh	DESIGNED - AS	REVISED -
	FILE NAME: mot_cic_stg2b_1.dgn	DRAWN - AS	REVISED -
	PLOT SCALE =	CHECKED - KDN	REVISED -
	PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC STAGE 2B CICERO AVENUE			
SCALE: 1"=50'	SHEET 1	OF 1 SHEETS	STA. 187+00 TO STA. 217+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 33
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT



CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME: mot_stg3a_3.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

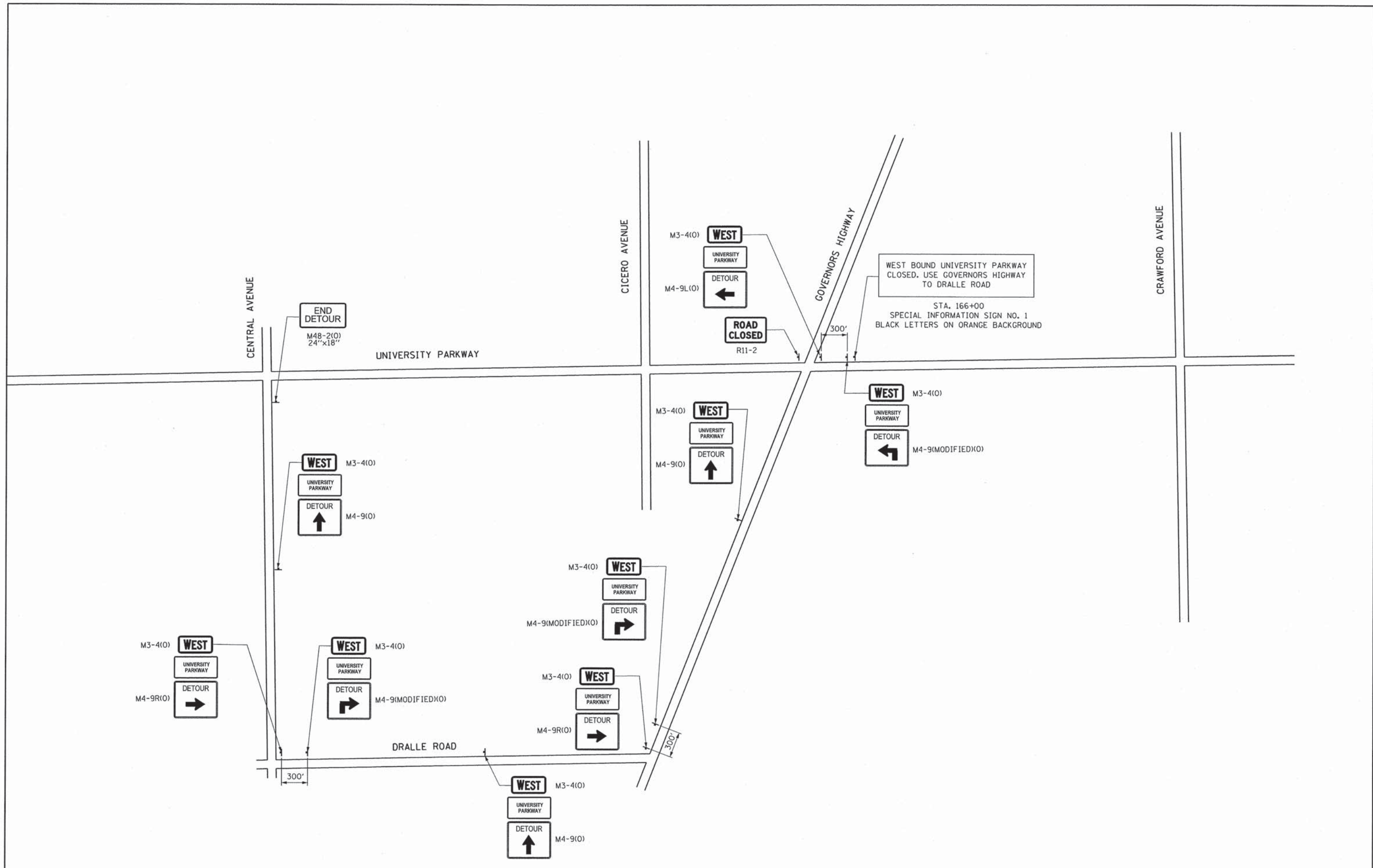
**SUGGESTED MAINTENANCE OF TRAFFIC
 STAGE 3A UNIVERSITY PARKWAY**

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 136+00 TO STA. 166+00

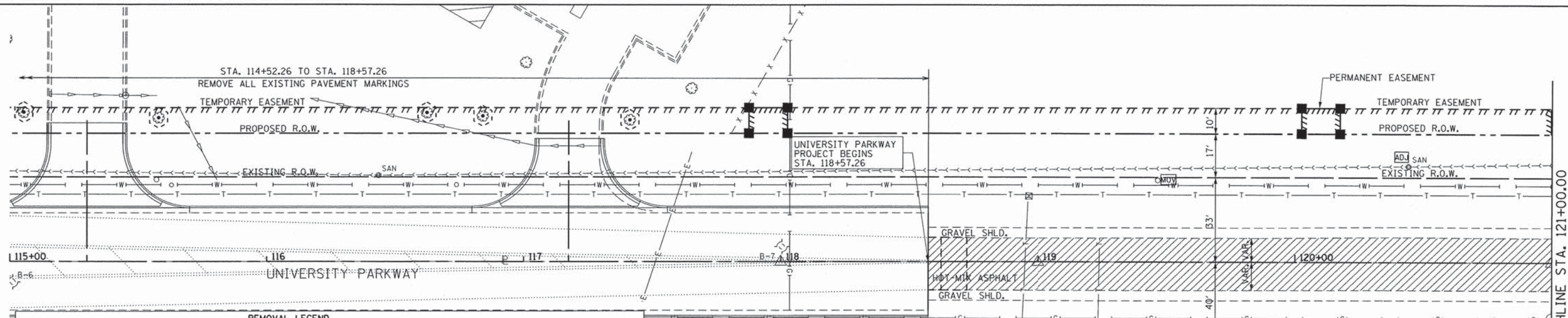
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	34
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

DIRECTORY = #FILEDIR#

L:\UNIVPARK\0322005_Section\Draw\CADD_Sheets\detourplan_stage2A.dgn
12/24/2013



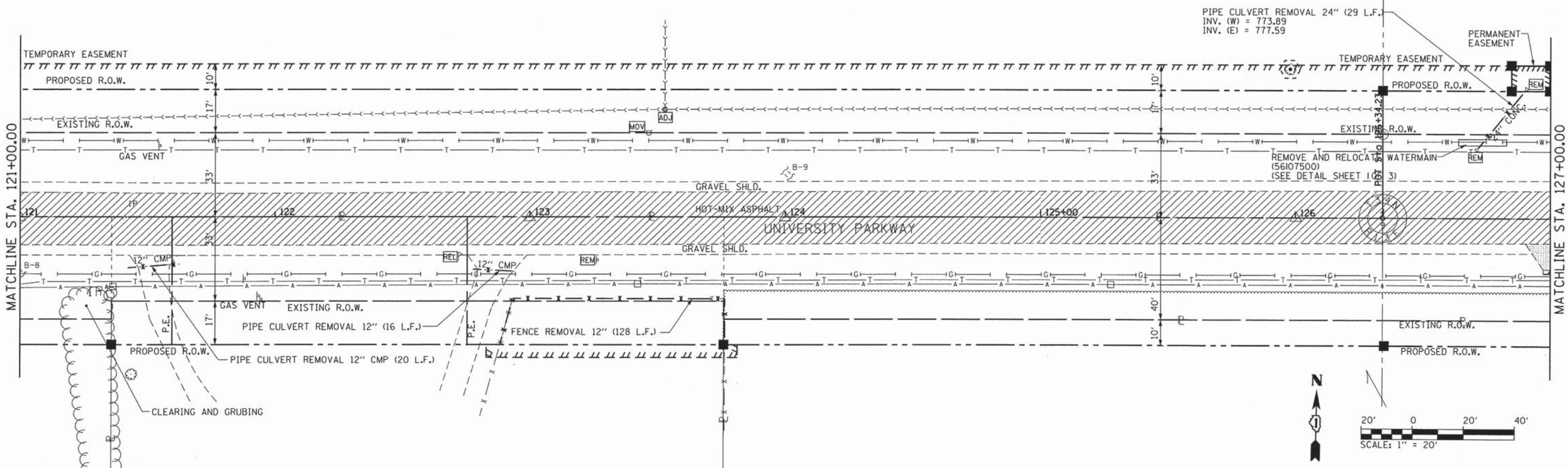
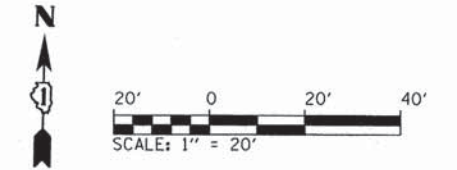
<p>CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613</p>	USER NAME = Adham Odeh	DESIGNED - AJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN - STAGE 2A			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME: detourplan_stage2A.dgn	DRAWN - AJH	REVISED -		1637	96-0014-00-PV	WILL	112	35			
	PLOT SCALE = 500.0000' / in.	CHECKED - KN	REVISED -		CONTRACT NO. 63709							
	PLOT DATE = 12/24/2013 - 12:22:34 PM	DATE - 12/9/2013	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: N/A	SHEET 1	OF 1	SHEETS	STA. N/A	TO STA. N/A			



REMOVAL LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
MEDIAN REMOVAL (CONCRETE) (44003100)	CURB AND GUTTER REMOVAL
PAVEMENT REMOVAL (CONCRETE) (44000100)	STORM SEWER, CULVERT, WATERMAIN & FENCE REMOVAL
HOT-MIX ASPHALT PAVEMENT AND HOT-MIX ASPHALT DRIVEWAY REMOVAL (44000100)	REMOVAL OF EXISTING SIGNS, INLETS, CATCH BASINS, MANHOLES, F.E.S.
SELECTIVE CLEARING (INCLUDED IN CONTRACT)	MOVE FIRE HYDRANTS

NOTES
 1. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



DIRECTOR - #FLEDIR#

CMT
 CRANFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

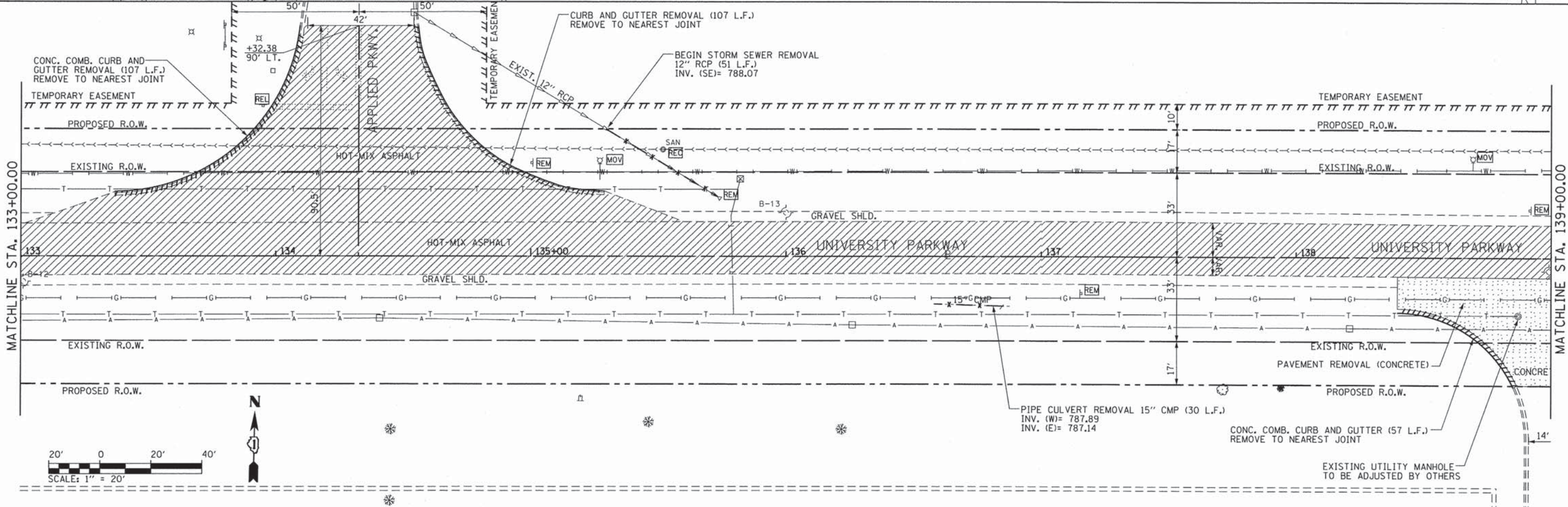
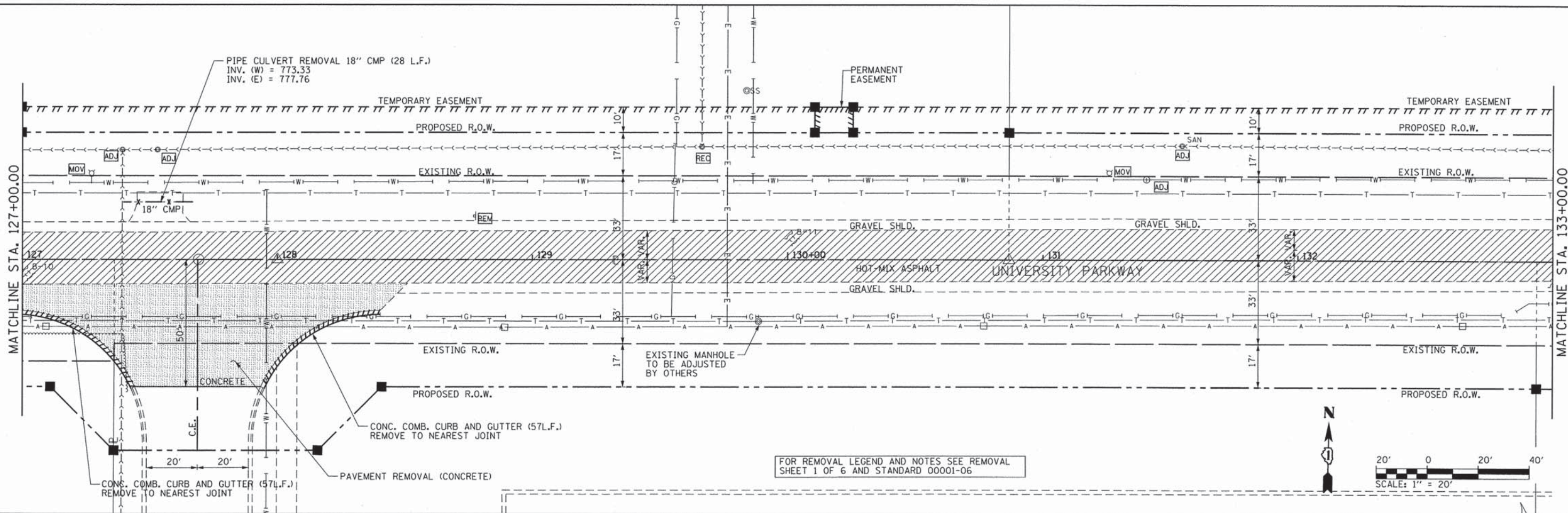
USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME = rem_up3.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATEIME#	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL SHEETS
 UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 115+00 TO STA. 127+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 36
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT



FOR REMOVAL LEGEND AND NOTES SEE REMOVAL SHEET 1 OF 6 AND STANDARD 00001-06

DIRECTORY # FILEDIR#
 ©Copyright CMT, Inc.

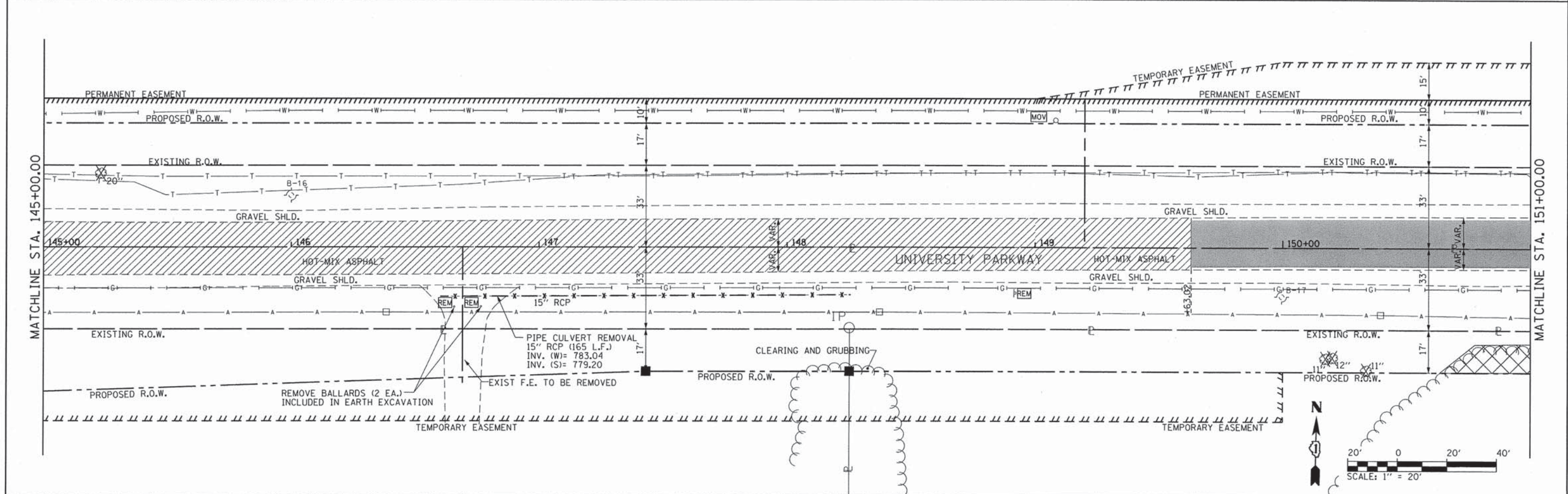
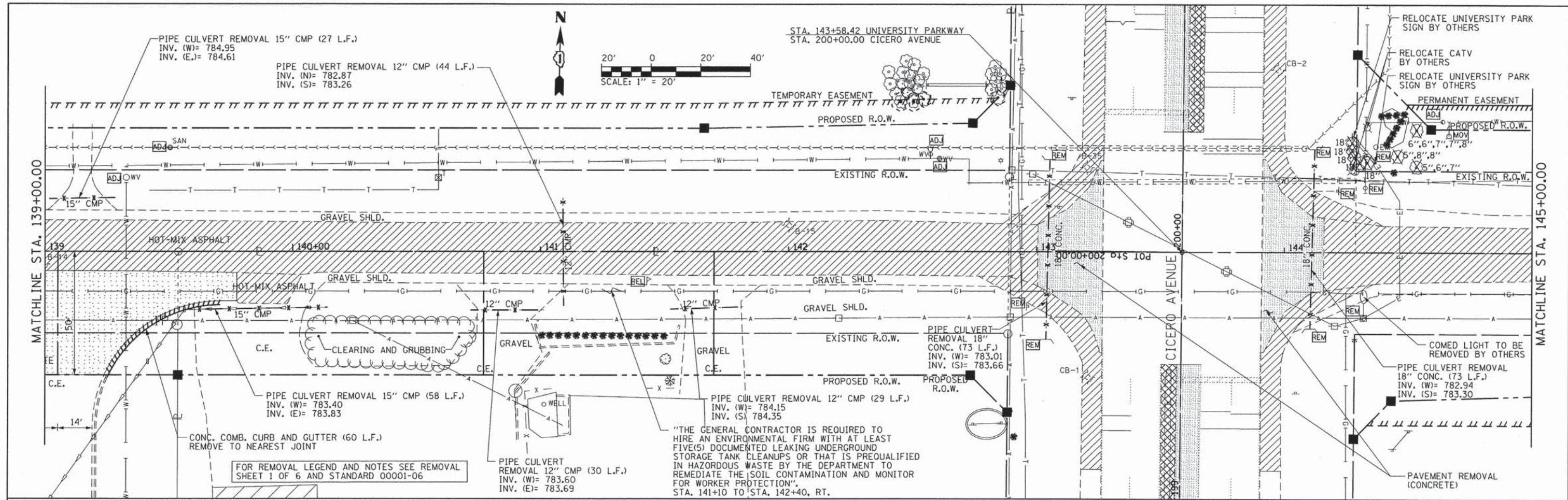
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME = rem_up4.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATEIME#	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEETS	
UNIVERSITY PARKWAY	
SCALE: 1"=20'	SHEET 2 OF 6 SHEETS STA. 127+00 TO STA. 139+00

F.A.J. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 37
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



"THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE(5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION".
STA. 141+10 TO STA. 142+40, RT.

FOR REMOVAL LEGEND AND NOTES SEE REMOVAL SHEET 1 OF 6 AND STANDARD 00001-06

DIRECTORY # FILEDIR#

CMT
CRANFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

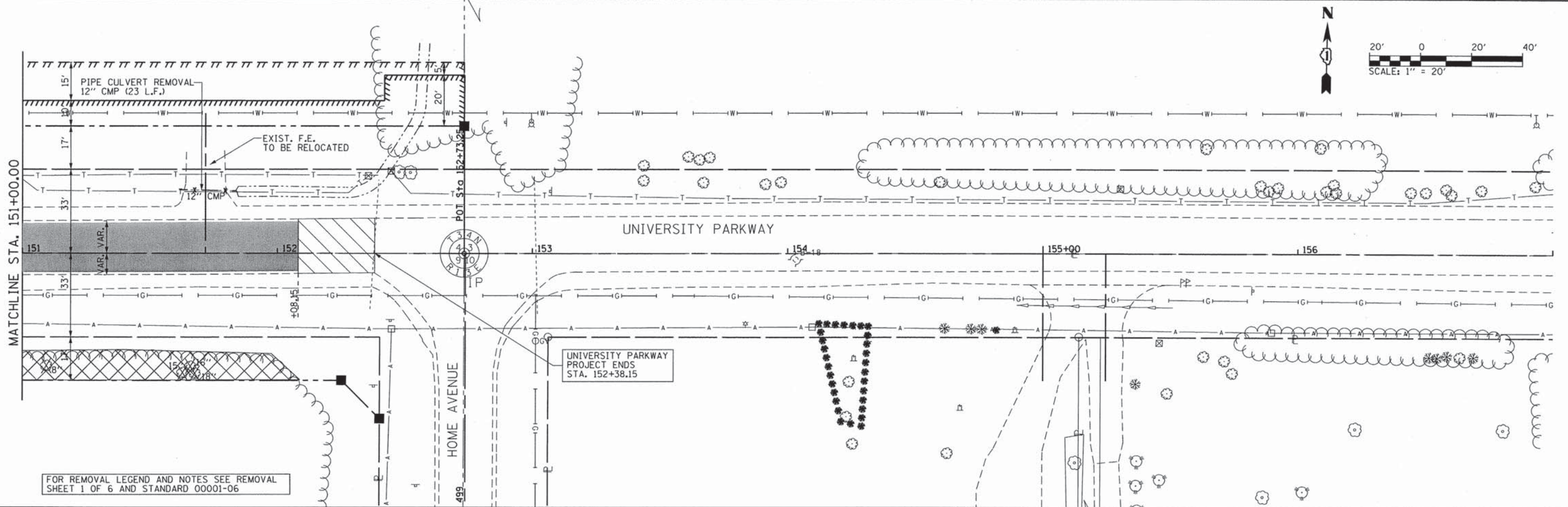
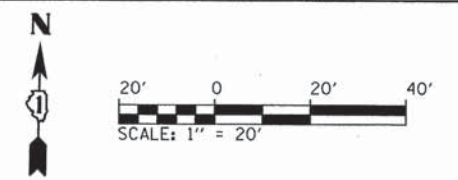
USER NAME = eadeh	DESIGNED - AS	REVISED -
FILE NAME: rem_up5.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL SHEETS
UNIVERSITY PARKWAY**

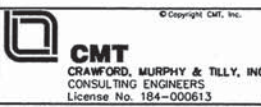
SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 139+00 TO STA. 151+00

F.A.J. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 38
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT



FOR REMOVAL LEGEND AND NOTES SEE REMOVAL SHEET 1 OF 6 AND STANDARD 00001-06

DIRECTORY # FLEDIR#

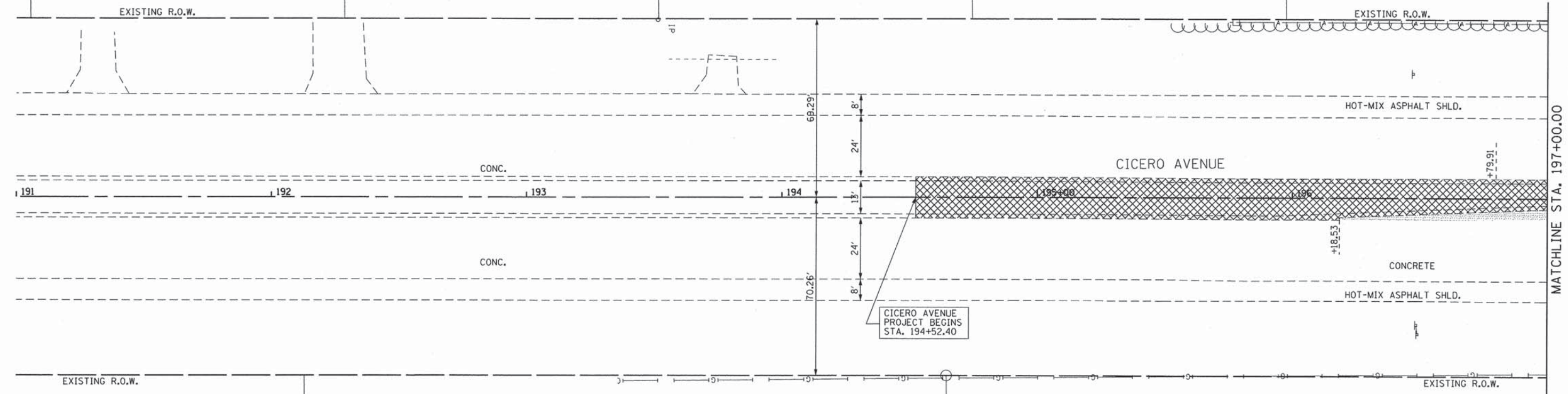
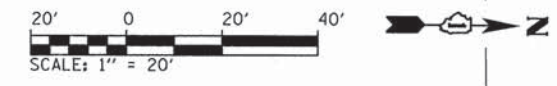


USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME: rem_up6.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

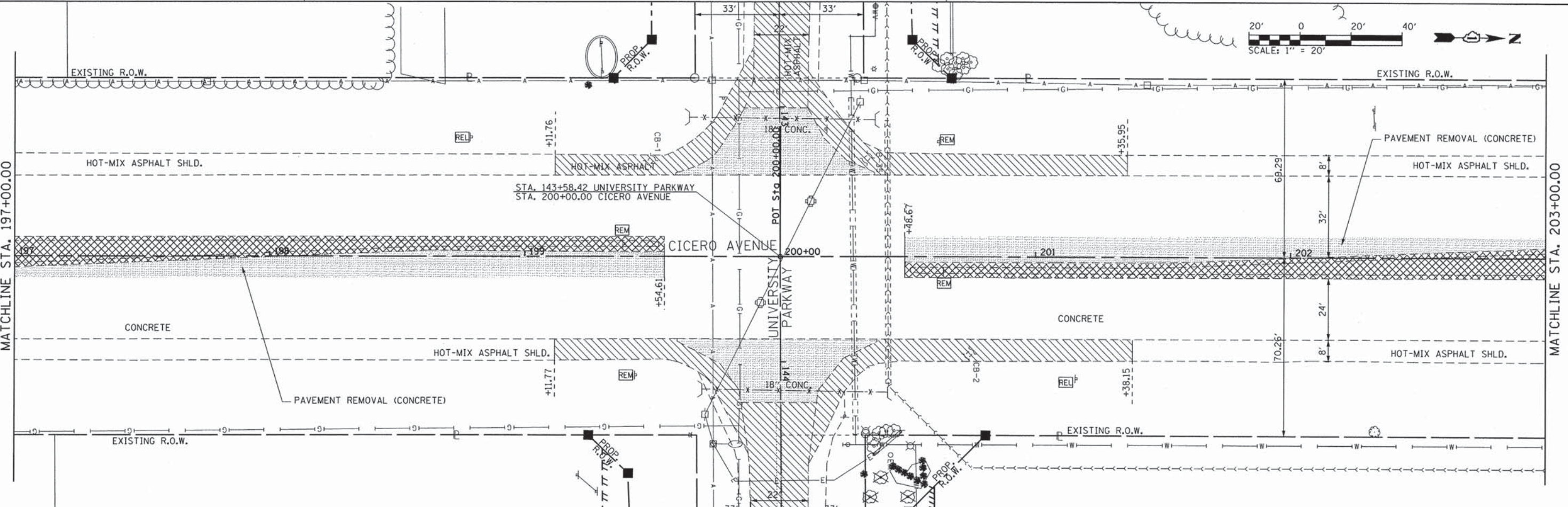
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEETS	
UNIVERSITY PARKWAY	
SCALE: 1"=20'	SHEET 5 OF 5 SHEETS
STA. 151+00	TO STA. 152+08.15

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	39
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



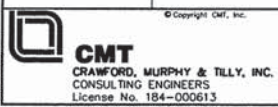
FOR REMOVAL LEGEND AND NOTES SEE REMOVAL SHEET 1 OF 6 AND STANDARD 00001-06



MATCHLINE STA. 197+00.00

MATCHLINE STA. 203+00.00

DIRECTOR



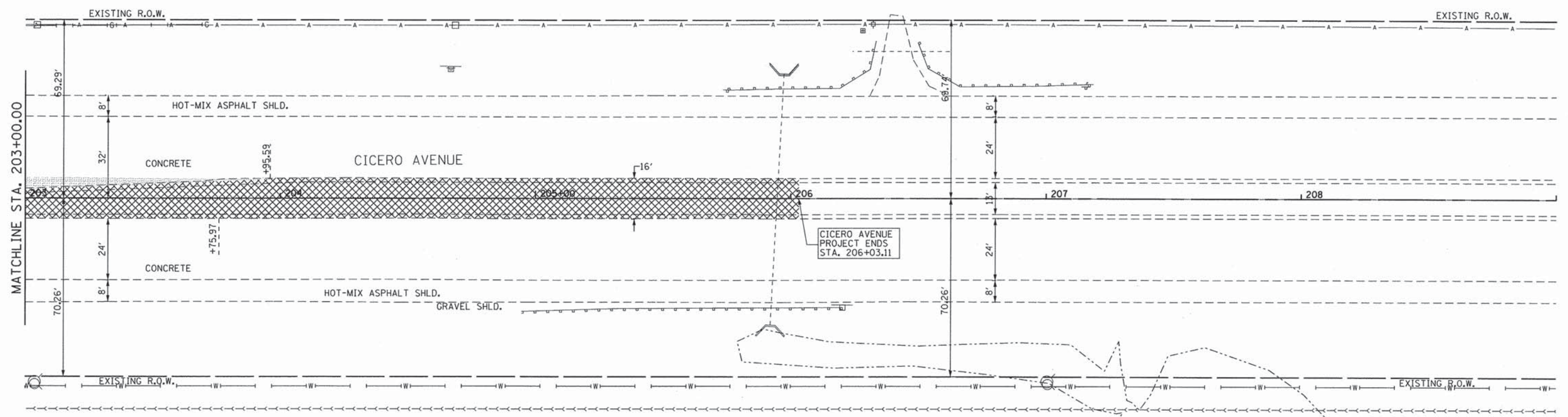
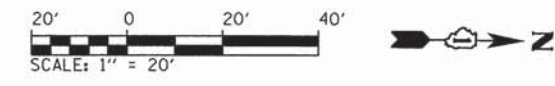
USER NAME = eodeh	DESIGNED - AS	REVISED -
FILE NAME: rem_cicero.7.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL SHEETS
CICERO AVENUE**

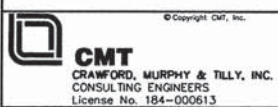
SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 194+52.40 TO STA. 203+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 40
			CONTRACT NO. 63709	
ILLINOIS FED. AID PROJECT				



FOR REMOVAL LEGEND AND NOTES SEE REMOVAL SHEET 1 OF 6 AND STANDARD 00001-06

DIRECTORY - #FILEDIR*



USER NAME = eodeh	DESIGNED - AS	REVISED -
FILE NAME: rem_cicero_8.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

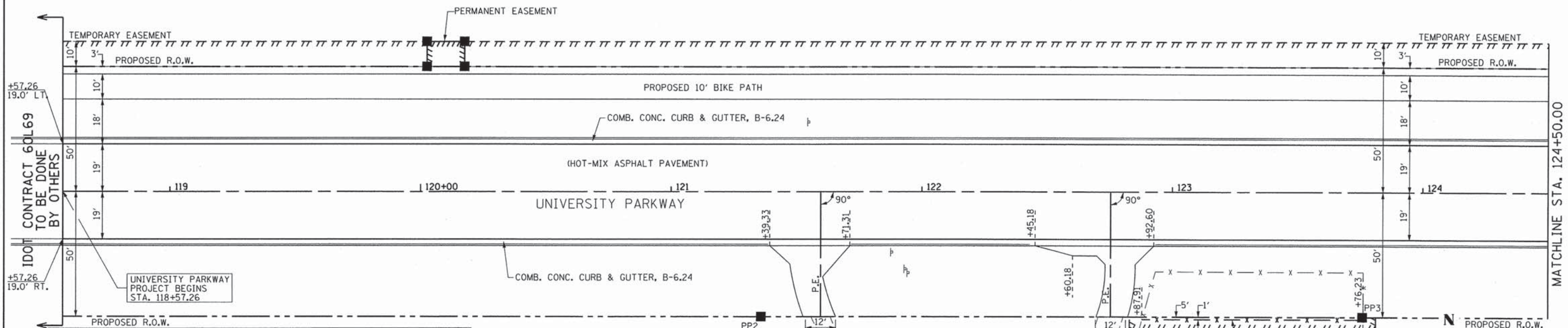
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEETS
CICERO AVENUE

SCALE: 1"=20' SHEET 8 OF 8 SHEETS STA. 203+00 TO STA. 206+03.11

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	41
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

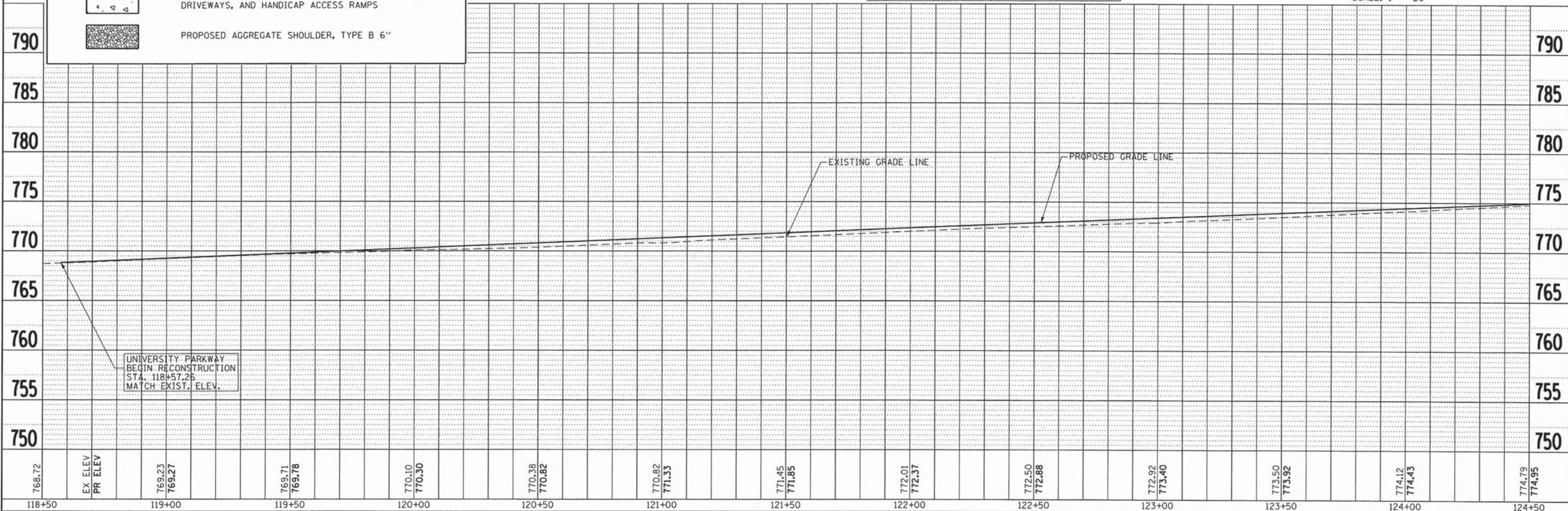
NOTE: PROJECT TERMINUS MATCHES IDOT PLANNED IMPROVEMENTS



LEGEND

- PROPOSED HOT-MIX ASPHALT SURFACE AND LEVELING BINDER
- PROPOSED HOT-MIX ASPHALT PAVEMENT WIDENING
- PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, DRIVEWAYS, AND HANDICAP ACCESS RAMPS
- PROPOSED AGGREGATE SHOULDER, TYPE B 6"

PT	STATION/OFFSET	NORTHING	EASTING
PP2	121+35.88, 50.00' RT.	1744943.913	1146819.860
PP3	123+75.89, 50.00' RT.	1744948.209	1147059.822



PLAN

DATE	
BY	
SURVEYED	
NOTED	
PLANNED	
FILED	
NO.	

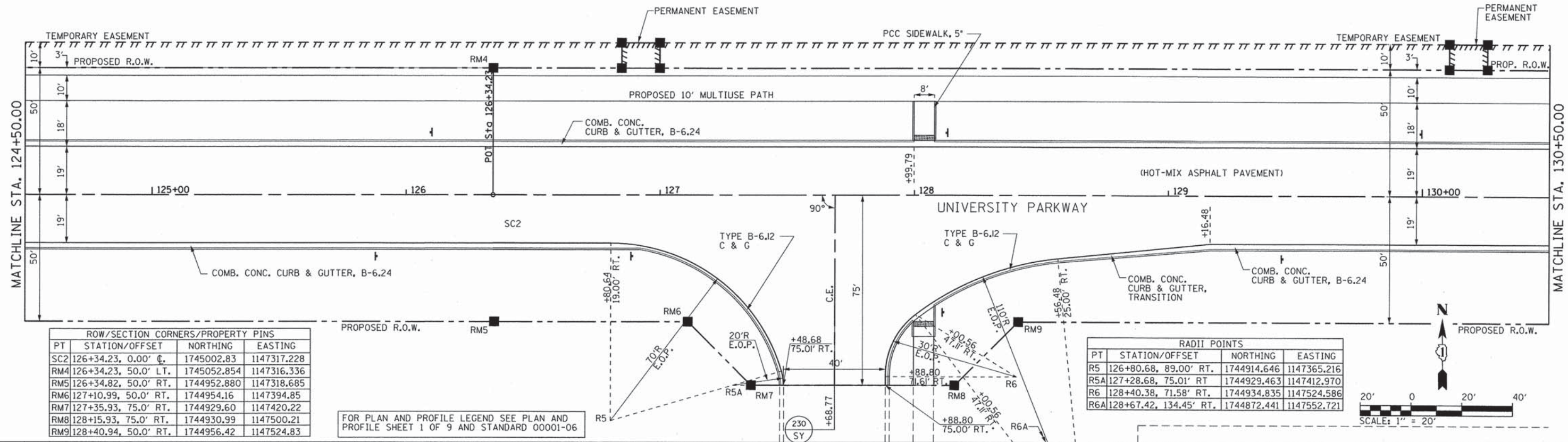
PROFILE

DATE	
BY	
SURVEYED	
NOTED	
PLANNED	
FILED	
NO.	

<p>CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613</p>	USER NAME = oodeh FILE NAME: PLOT SCALE = 20,0000' / 1"	DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 12/26/2013	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE UNIVERSITY PARKWAY	SCALE: SHEET 1 OF 9 SHEETS STA 118+50 TO STA. 124+50	F.A.U. RTE. 1637 SECTION 96-00014-00-PV COUNTY WILL TOTAL SHEETS 112 SHEET NO. 42 CONTRACT NO. 63709 ILLINOIS FED. AID PROJECT
--	---	---	--	---	--	--	--

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

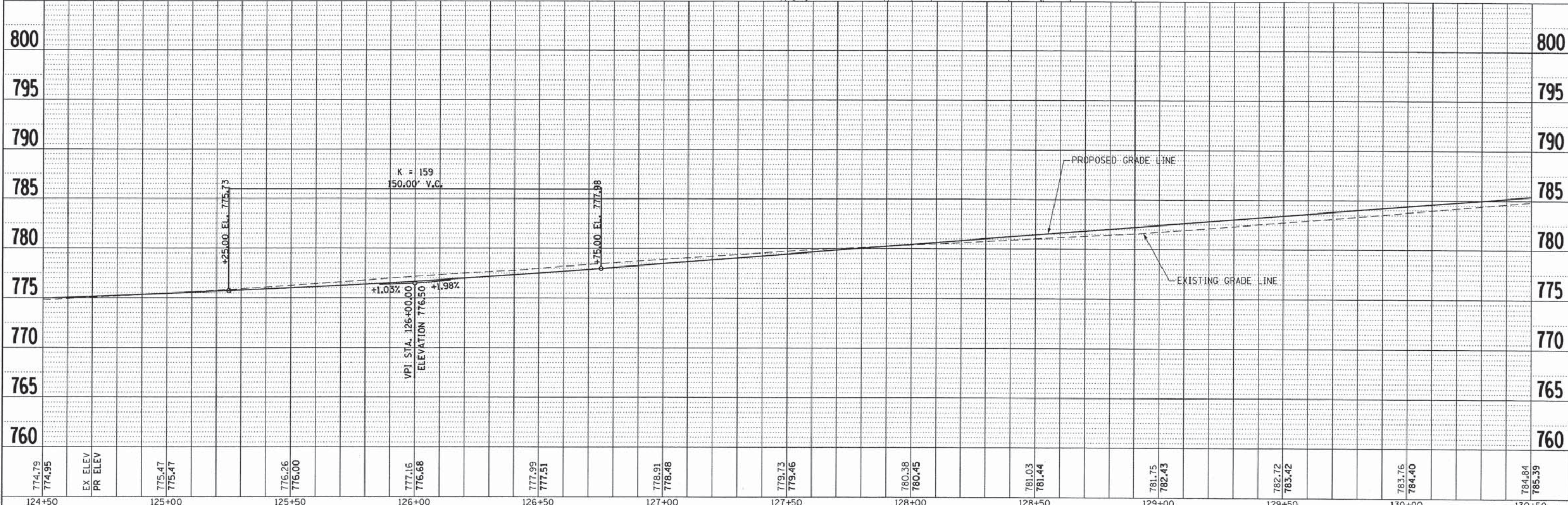
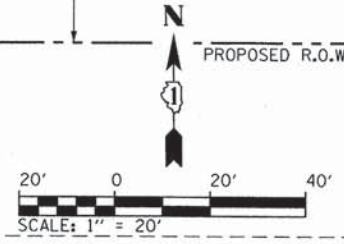
PROFILE	DATE
BY	
NO.	
DATE	
BY	
NO.	
DATE	
BY	
NO.	
DATE	
BY	
NO.	



PT	STATION/OFFSET	NORTHING	EASTING
SC2	126+34.23, 0.00' C.	1745002.83	1147317.228
RM4	126+34.23, 50.0' LT.	1745052.854	1147316.336
RM5	126+34.82, 50.0' RT.	1744952.880	1147318.685
RM6	127+10.99, 50.0' RT.	1744954.16	1147394.85
RM7	127+35.93, 75.0' RT.	1744929.60	1147420.22
RM8	128+15.93, 75.0' RT.	1744930.99	1147500.21
RM9	128+40.94, 50.0' RT.	1744956.42	1147524.83

PT	STATION/OFFSET	NORTHING	EASTING
R5	126+80.68, 89.00' RT.	1744914.646	1147365.216
R5A	127+28.68, 75.01' RT.	1744929.463	1147412.970
R6	128+40.38, 71.58' RT.	1744934.835	1147524.586
R6A	128+67.42, 134.45' RT.	1744872.441	1147552.721

FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 9 AND STANDARD 00001-06



124+50	125+00	125+50	126+00	126+50	127+00	127+50	128+00	128+50	129+00	129+50	130+00	130+50
774.79 774.95	EX ELEV PR ELEV	775.47 775.47	777.16 776.68	777.99 777.51	778.91 778.48	779.73 779.46	780.38 780.45	781.03 781.44	781.75 782.43	782.72 783.42	783.76 784.40	784.84 785.39

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME = pnp_up_7.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 2 OF 9 SHEETS STA. 124+50 TO STA. 130+50

F.A.U. RTE. 1637	SECTION 96-0014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 43
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	

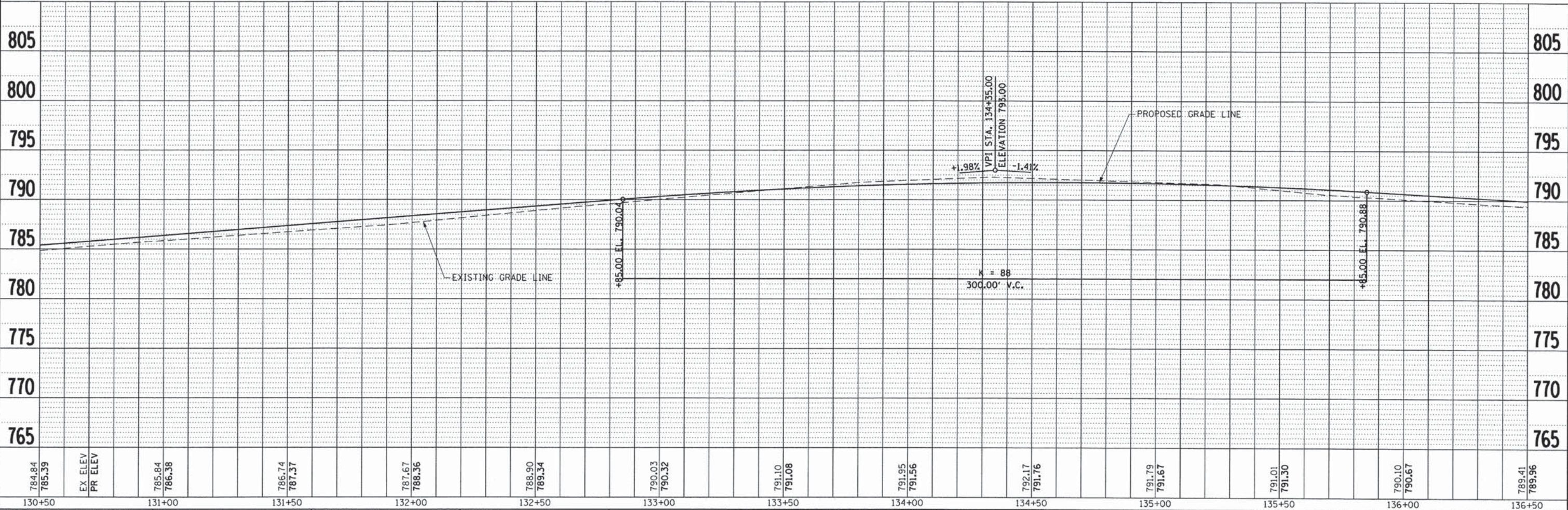
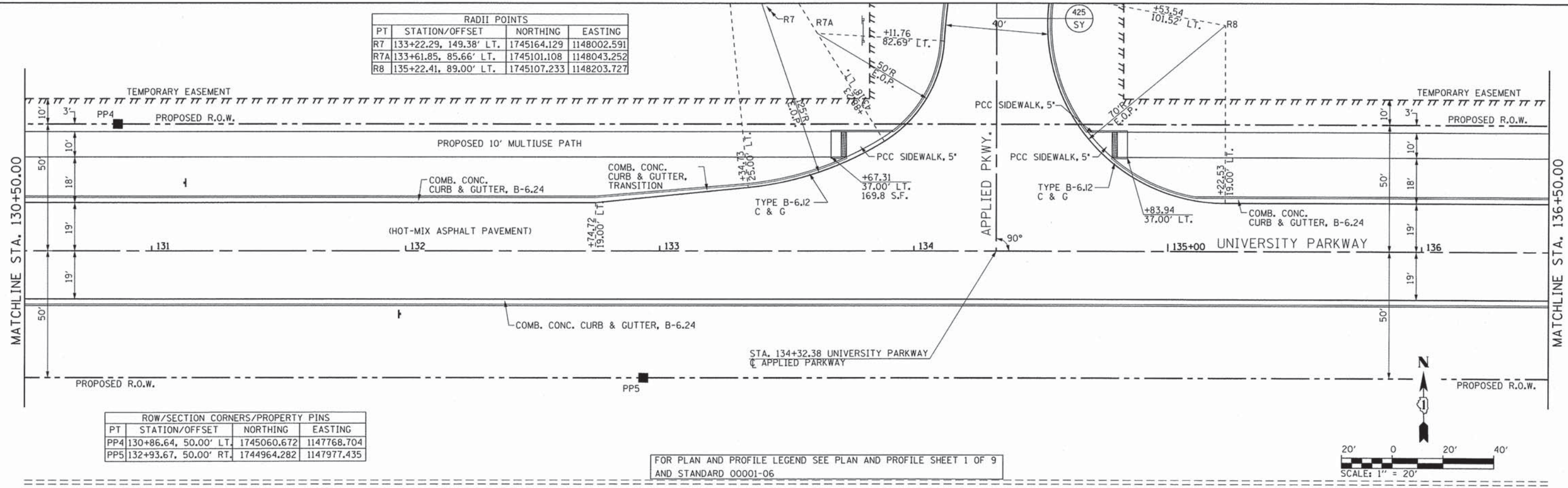
PLAN	REVISION	BY	DATE

PROFILE	REVISION	BY	DATE

RADI POINTS			
PT	STATION/OFFSET	NORTHING	EASTING
R7	133+22.29, 149.38' LT.	1745164.129	1148002.591
R7A	133+61.85, 85.66' LT.	1745101.108	1148043.252
R8	135+22.41, 89.00' LT.	1745107.233	1148203.727

ROW/SECTION CORNERS/PROPERTY PINS			
PT	STATION/OFFSET	NORTHING	EASTING
PP4	130+86.64, 50.00' LT.	1745060.672	1147768.704
PP5	132+93.67, 50.00' RT.	1744964.282	1147977.435

FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 9 AND STANDARD 0001-06



784.84 785.39	EX ELEV PR ELEV	785.84 786.38	786.74 787.37	787.67 788.36	788.90 789.34	790.03 790.32	791.10 791.08	791.95 791.56	792.17 791.76	791.79 791.67	791.01 791.30	790.10 790.67	789.41 789.96
130+50		131+00	131+50	132+00	132+50	133+00	133+50	134+00	134+50	135+00	135+50	136+00	136+50

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh
FILE NAME = pnp_up_Budgn
PLOT SCALE = 20.0000' / in.
PLOT DATE = 12/26/2013

DESIGNED - AS
DRAWN - AS
CHECKED - KDN
DATE - 12/26/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

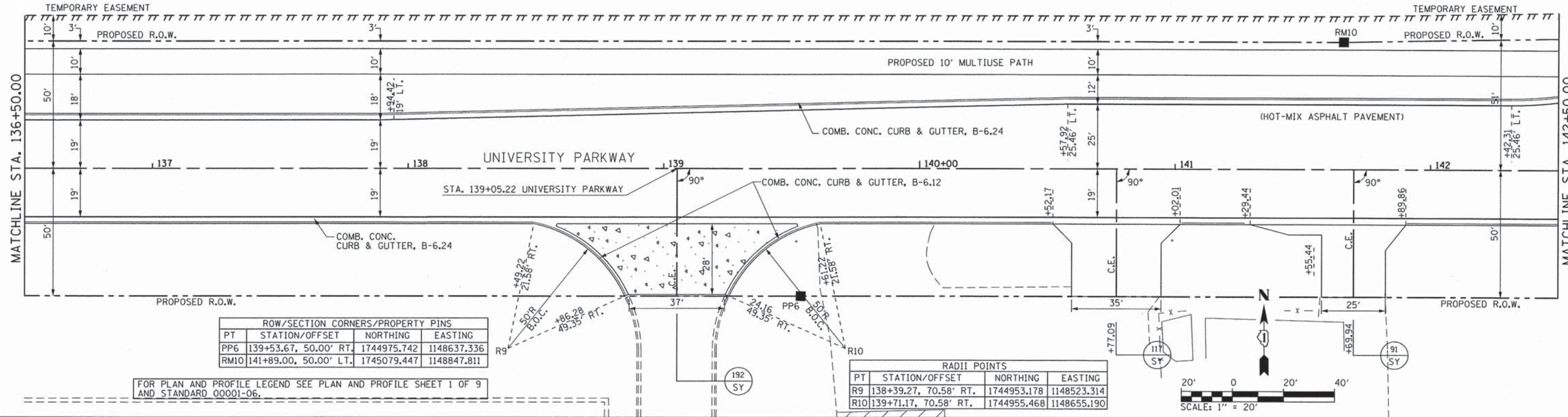
PLAN AND PROFILE
UNIVERSITY PARKWAY

SCALE: 1"=20' SHEET 3 OF 9 SHEETS STA. 130+50 TO STA. 136+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	44
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

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

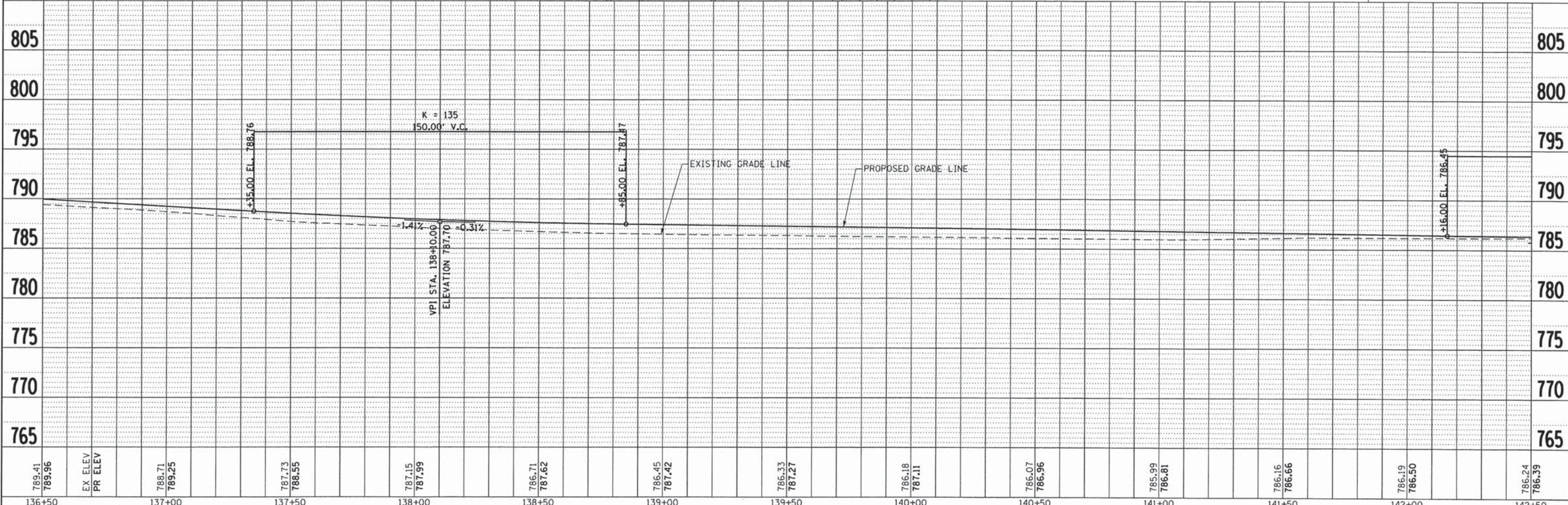
PROFILE	REVISIONS	DATE
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	



ROW/SECTION CORNERS/PROPERTY PINS			
PT	STATION/OFFSET	NORTHING	EASTING
PP6	139+53.67, 50.00' RT.	1744975.742	1148637.336
RM10	141+89.00, 50.00' LT.	1745079.447	1148847.811

RADI POINTS			
PT	STATION/OFFSET	NORTHING	EASTING
R9	138+39.27, 70.58' RT.	1744953.178	1148523.314
R10	139+71.17, 70.58' RT.	1744955.468	1148655.190

FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 9 AND STANDARD 0001-06.



789.41	789.96	EX ELEV	788.71	789.25	787.73	788.55	787.15	787.99	786.71	787.62	786.45	787.42	786.33	787.27	786.18	787.11	786.07	786.96	785.99	786.81	786.16	786.66	786.19	786.50	786.24	786.39	
136+50	137+00		137+50	138+00	138+50	139+00	139+50	140+00	140+50	141+00	141+50	142+00	142+50														

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

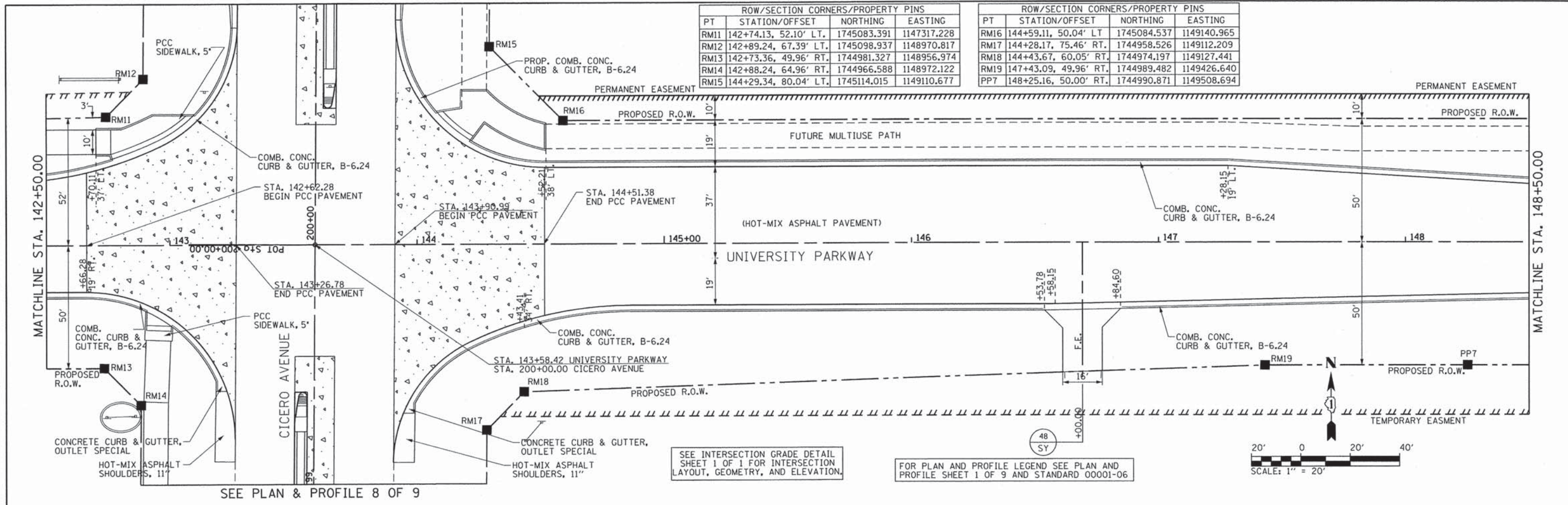
USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME:	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

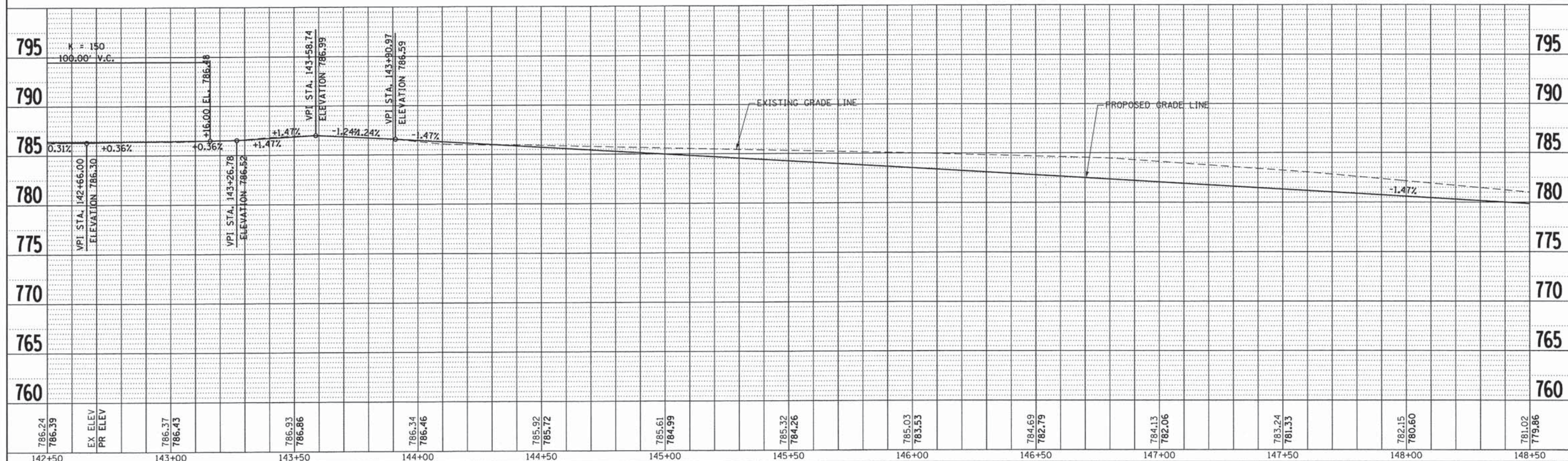
SCALE:	SHEET 4	OF 9 SHEETS	STA136+50	TO STA.142+50
--------	---------	-------------	-----------	---------------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	45
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	
	FILED	
	RT. OF WAY CHECKED	
	NO. OF SHEETS	
	CADD FILE NAME	

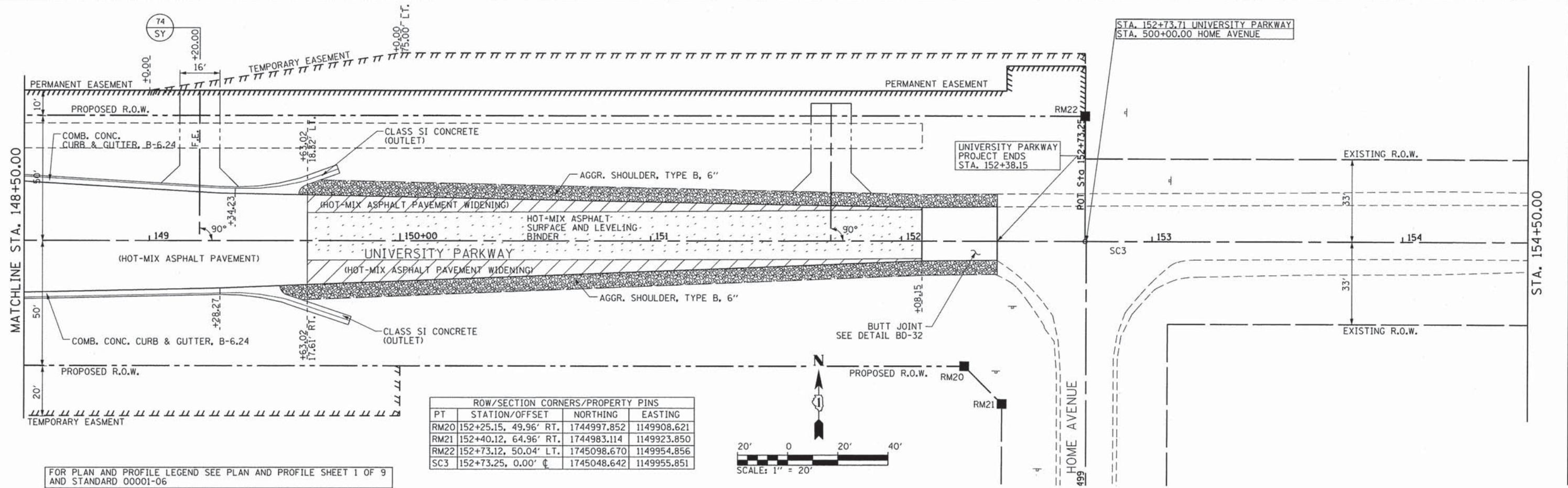


PROFILE	SURVEYED	DATE
	PLOTTED	
	FILED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	

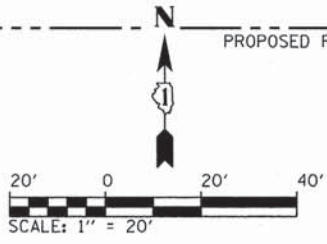


CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = eadeh FILE NAME: PLOT SCALE = 20,0000' / in. PLOT DATE = 12/24/2013	DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 12/26/2013	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE UNIVERSITY PARKWAY SCALE: SHEET 5 OF 9 SHEETS STA. 142+50 TO STA. 148+50	F.A.U. RTE. 1637 SECTION 96-00014-00-PV COUNTY WILL TOTAL SHEETS 112 SHEET NO. 46 CONTRACT NO. 63709	[ILLINOIS] FED. AID PROJECT
--	--	---	--	---	---	---	-----------------------------

DATE	
BY	
REVISION	
NO.	
PLAN	
NOTE BOOK	
NO.	
FILE NAME	
NO.	
DATE	
BY	
REVISION	
NO.	
PROFILE	
NOTE BOOK	
NO.	
FILE NAME	
NO.	

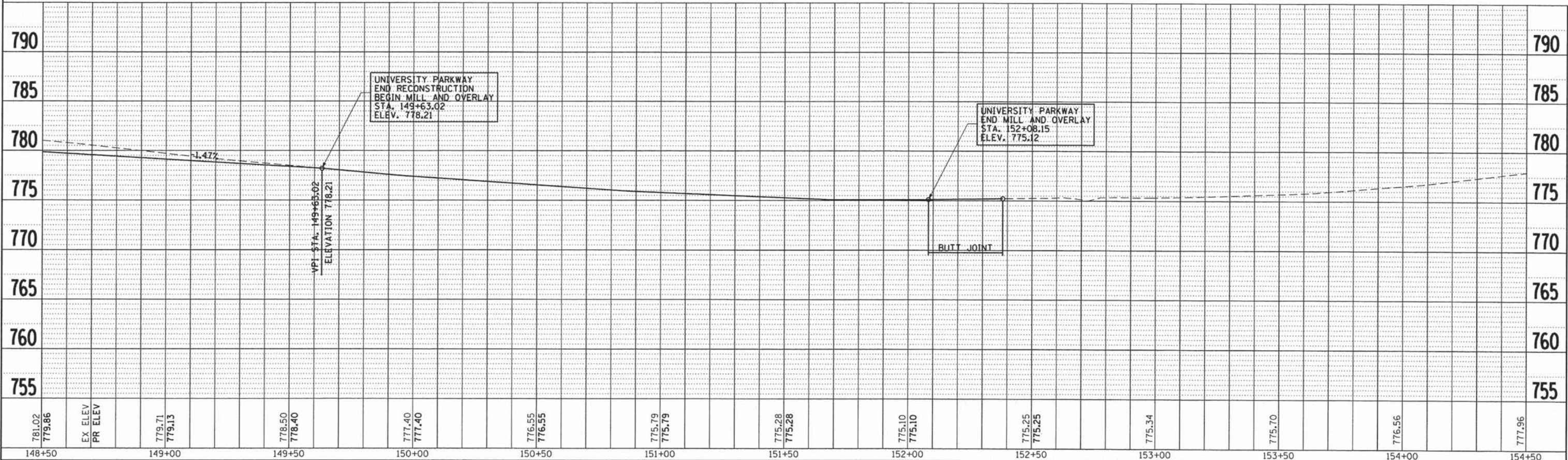


ROW/SECTION CORNERS/PROPERTY PINS			
PT	STATION/OFFSET	NORTHING	EASTING
RM20	152+25.15, 49.96' RT.	1744997.852	1149908.621
RM21	152+40.12, 64.96' RT.	1744983.114	1149923.850
RM22	152+73.12, 50.04' LT.	1745098.670	1149954.856
SC3	152+73.25, 0.00' C	1745048.642	1149955.851



FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 9 AND STANDARD 00001-06

DATE	
BY	
REVISION	
NO.	
PROFILE	
NOTE BOOK	
NO.	
FILE NAME	
NO.	



781.02	779.86	EX ELEV	779.71	779.13	778.50	778.40	777.40	777.40	776.55	776.55	775.79	775.79	775.28	775.28	775.10	775.10	775.25	775.25	775.34	775.70	776.56	777.96	
148+50	149+00		149+50	150+00	150+50	151+00	151+50	152+00	152+50	153+00	153+50	154+00	154+50										

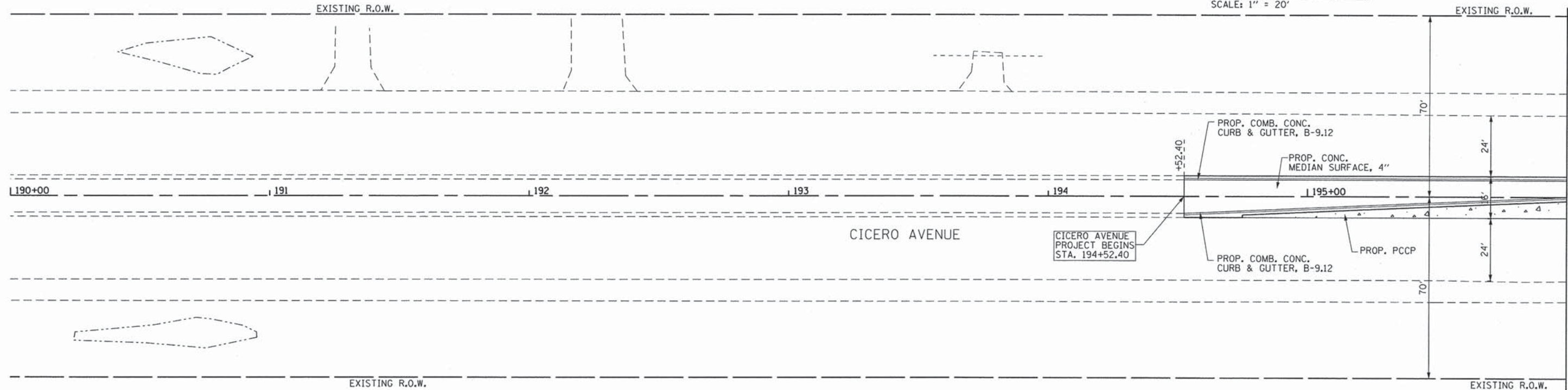
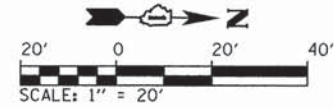
CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodah	DESIGNED - AS	REVISED -
FILE NAME: pnp_up_11.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

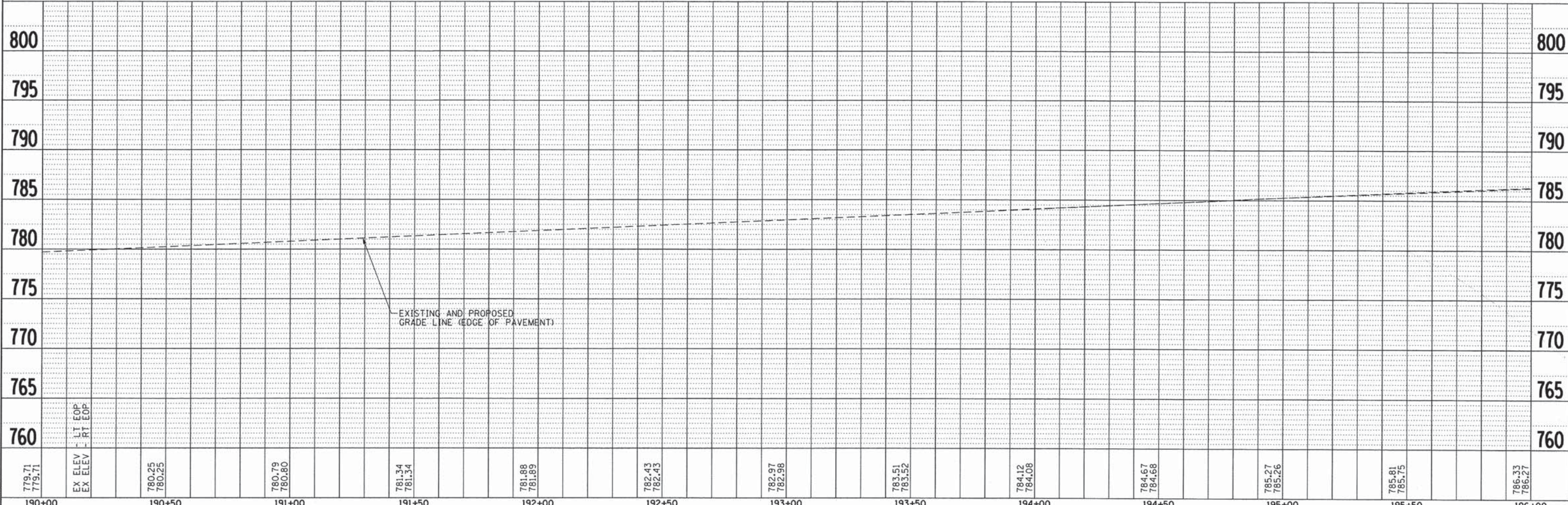
SCALE: 1"=20'	SHEET 6	OF 9 SHEETS	STA. 148+50	TO STA. 154+50
---------------	---------	-------------	-------------	----------------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	47
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT



FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 9 AND STANDARD 00001-06

NOTE: LEFT TURN LANE CONSTRUCTION SHALL MATCH THE INSIDE EDGE OF PAVEMENT AND USE DESIGN SLOPE.



779.71 779.71	EX ELEV EX ELEV	LT EOP RT EOP	780.25 780.25	780.79 780.80	781.34 781.34	781.88 781.89	782.43 782.43	782.97 782.98	783.51 783.52	784.12 784.08	784.67 784.68	785.27 785.26	785.81 785.75	786.33 786.27
190+00	190+50	191+00	191+50	192+00	192+50	193+00	193+50	194+00	194+50	195+00	195+50	196+00		

PLAN	DESIGNED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	DATE		
	FILE NAME		
	NO.		

PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	DATE		
	FILE NAME		
	NO.		

DIRECTORY - #FILEDIR#

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh
FILE NAME: pnp01c_12.dgn
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 12/26/2013

DESIGNED - AS
DRAWN - AS
CHECKED - KDN
DATE - 12/26/2013

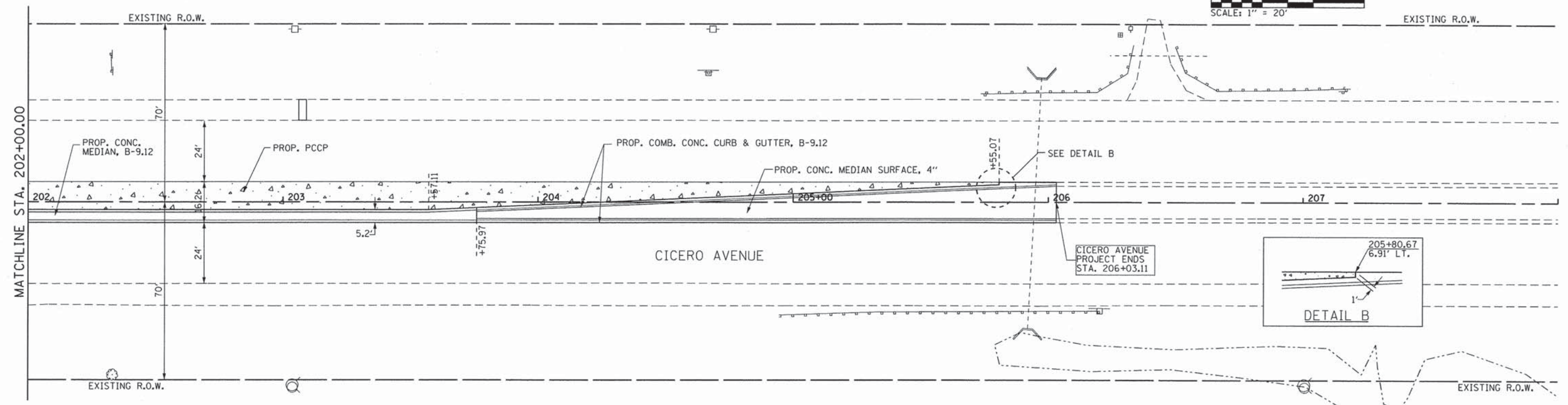
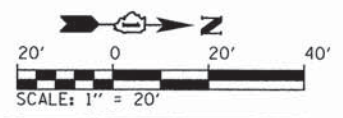
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

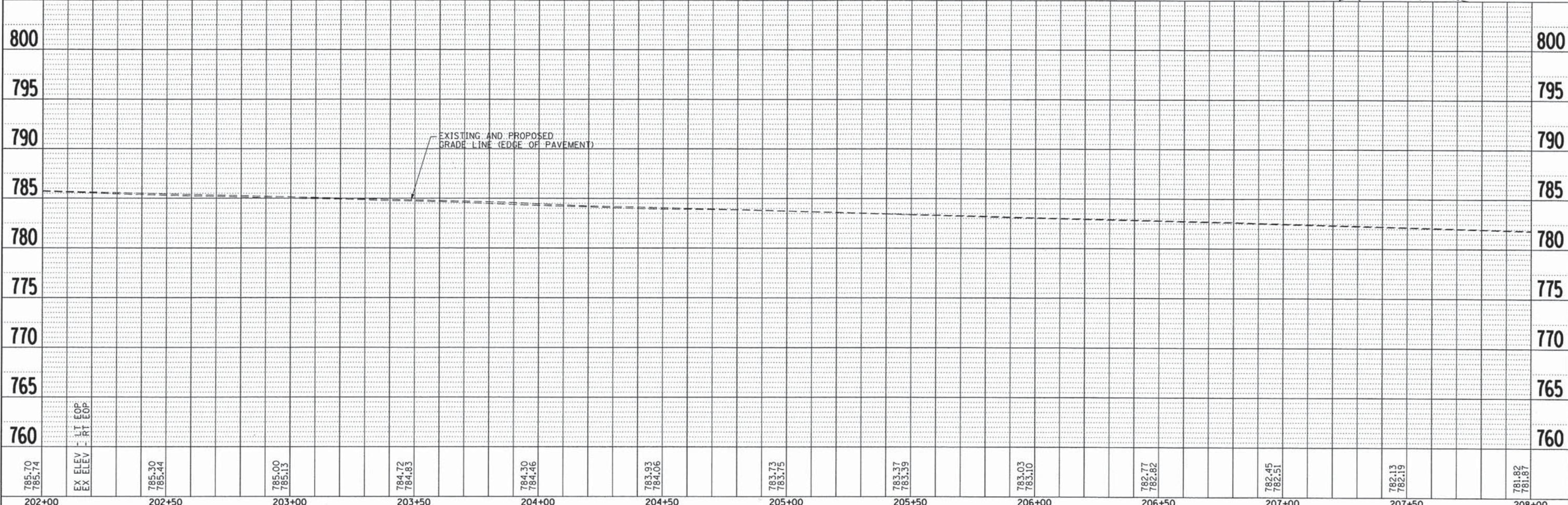
PLAN AND PROFILE
CICERO AVENUE

SCALE: 1"=20' SHEET 7 OF 9 SHEETS STA190+00 TO STA.196+00

F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	48
			CONTRACT NO. 63709	
ILLINOIS FED. AID PROJECT				



FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 9 AND STANDARD 00001-06



785.70 785.74	EX ELEV EX ELEV	785.30 785.44	785.00 785.13	784.72 784.83	784.30 784.46	783.93 784.06	783.73 783.75	783.37 783.39	783.03 783.10	782.77 782.82	782.45 782.51	782.13 782.19	781.82 781.87
202+00		202+50	203+00	203+50	204+00	204+50	205+00	205+50	206+00	206+50	207+00	207+50	208+00

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
ALIGNED	
CHECKED	
NO. OF SHEETS	
FILE NAME	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
GRADES	
CHECKED	
NO. OF SHEETS	
FILE NAME	
NO.	

DIRECTOR - #FILEDIR#

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME = pnp03e_14.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

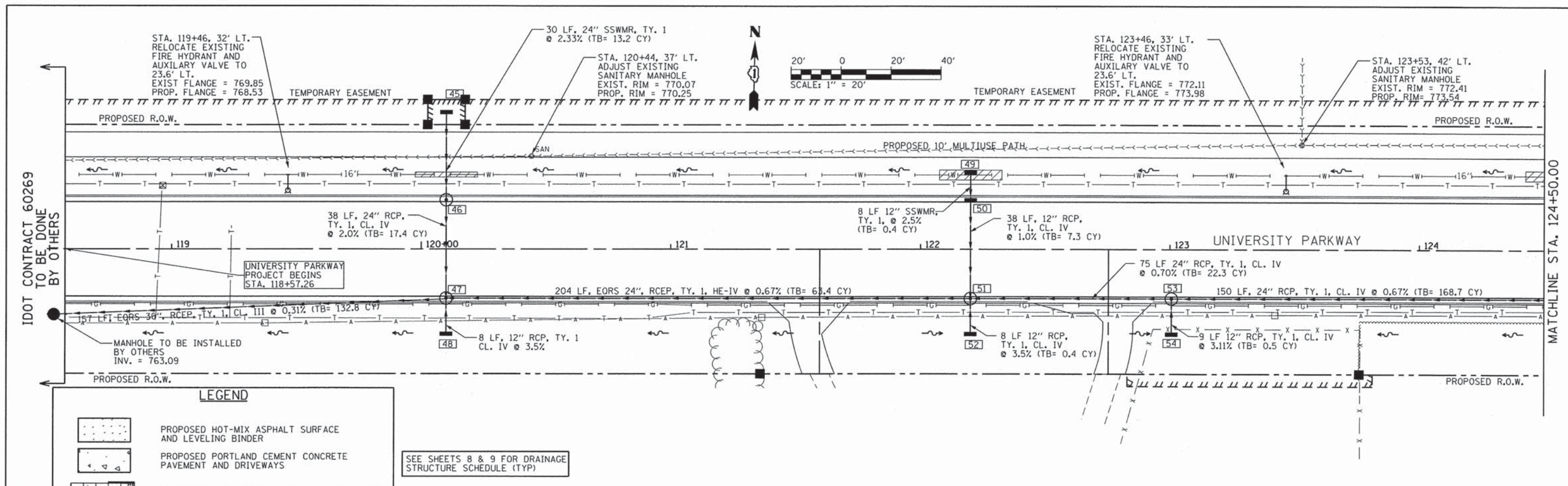
**PLAN AND PROFILE
CICERO AVENUE**

SCALE: 1"=20' SHEET 9 OF 9 SHEETS STA. 202+00 TO STA. 206+03.11

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	50
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PLAN	
NO.	
DATE	
BY	

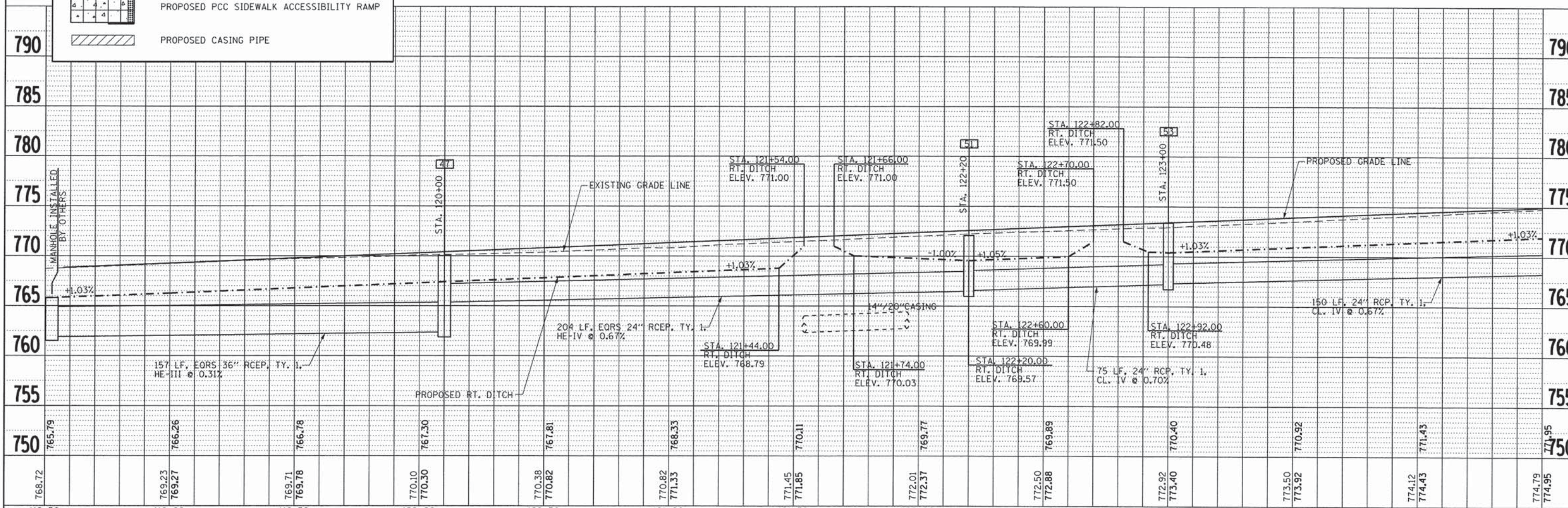
DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PLAN	
NO.	
DATE	
BY	



LEGEND

- PROPOSED HOT-MIX ASPHALT SURFACE AND LEVELING BINDER
- PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT AND DRIVEWAYS
- PROPOSED PCC SIDEWALK ACCESSIBILITY RAMP
- PROPOSED CASING PIPE

SEE SHEETS 8 & 9 FOR DRAINAGE STRUCTURE SCHEDULE (TYP)



118+50	119+00	119+50	120+00	120+50	121+00	121+50	122+00	122+50	123+00	123+50	124+00	124+50											
768.72	769.23	769.27	769.71	769.78	770.10	770.30	770.38	770.82	771.33	771.45	771.85	772.01	772.37	772.50	772.88	772.92	773.40	773.50	773.92	774.12	774.43	774.79	774.95

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = eoadeh	DESIGNED - AS	REVISED -
FILE NAME:	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

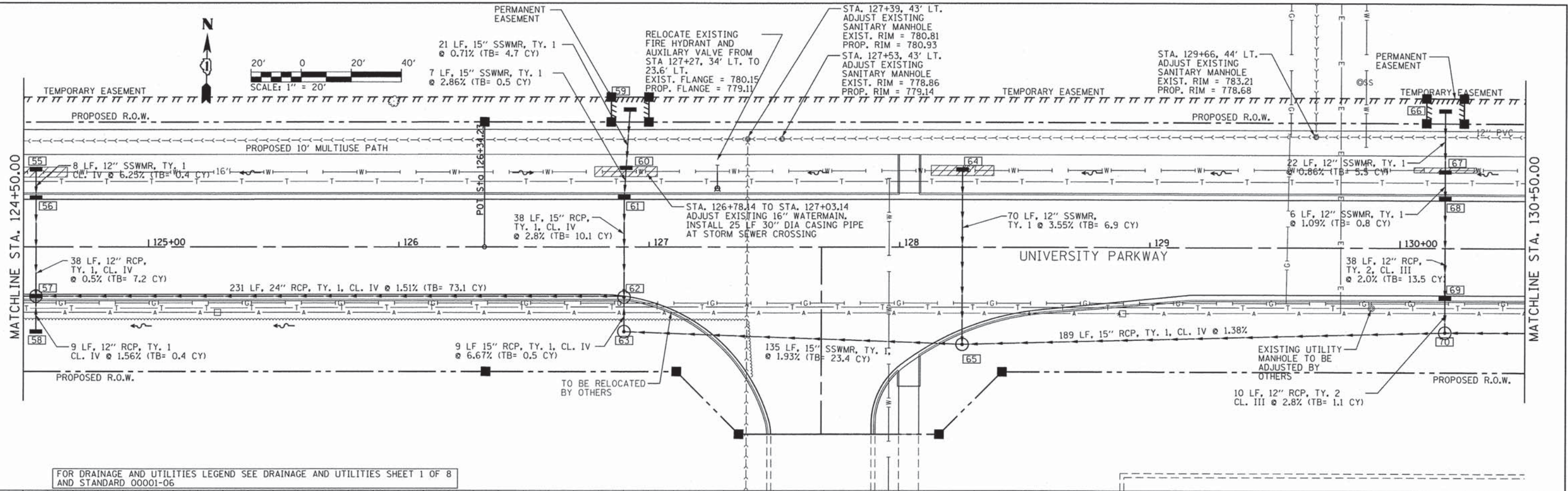
DRAINAGE AND UTILITY PLANS
UNIVERSITY PARKWAY

SCALE: 1"=20' SHEET 1 OF 8 SHEETS STA. 118+50 TO STA. 124+50

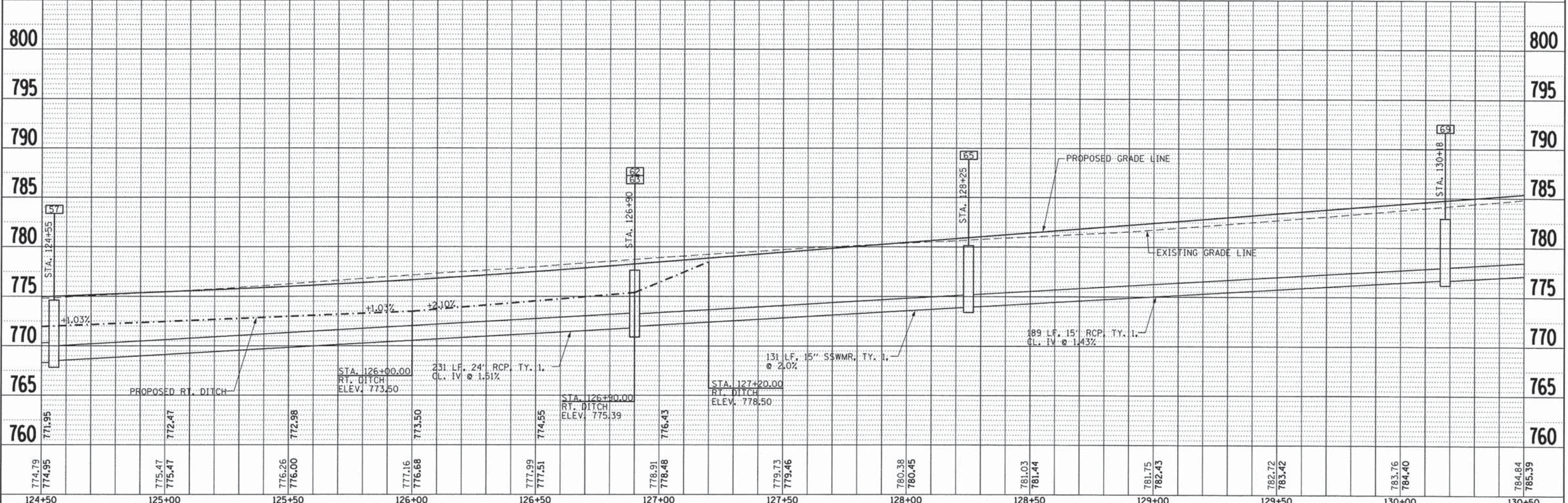
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	51
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	

DATE	
BY	
NO.	
PL AN	
NO.	
NO.	
NO.	

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



FOR DRAINAGE AND UTILITIES LEGEND SEE DRAINAGE AND UTILITIES SHEET 1 OF 8 AND STANDARD 00001-06



124+50	125+00	125+50	126+00	126+50	127+00	127+50	128+00	128+50	129+00	129+50	130+00	130+50													
774.79	774.95	775.47	775.47	776.26	776.00	777.16	776.68	777.99	777.51	778.91	778.48	779.73	779.46	780.38	780.45	781.03	781.44	781.75	782.43	782.72	783.42	783.76	784.40	784.84	785.39

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME:	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

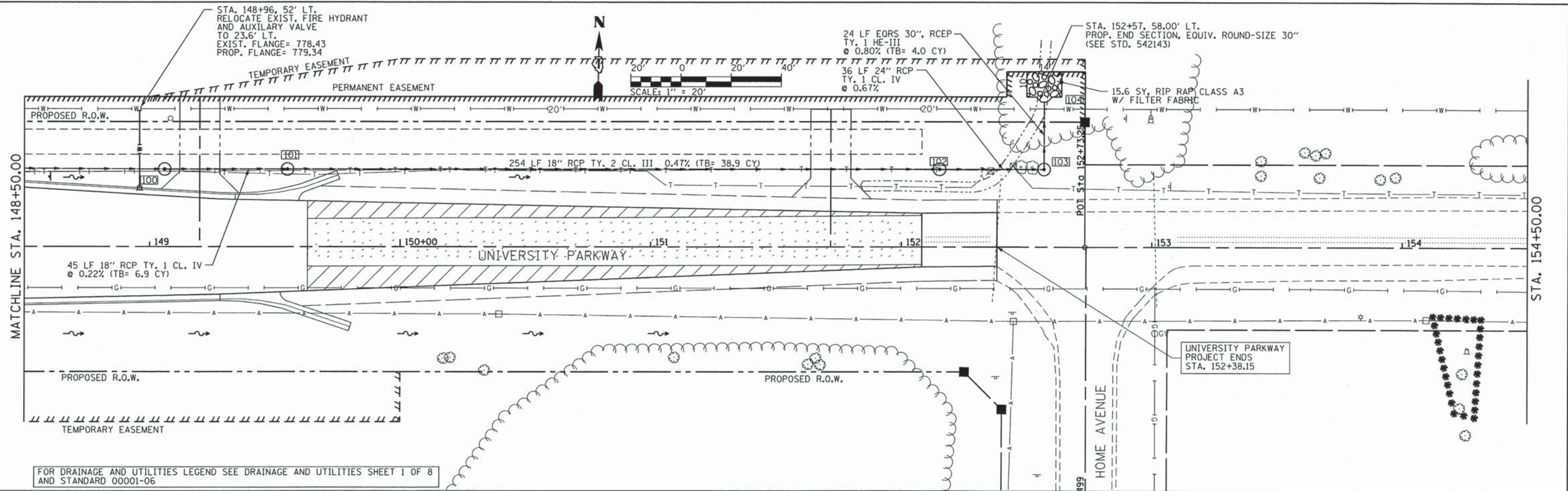
DRAINAGE AND UTILITY PLANS
UNIVERSITY PARKWAY

SCALE: 1"=20' SHEET 2 OF 8 SHEETS STA. 124+50 TO STA. 130+50

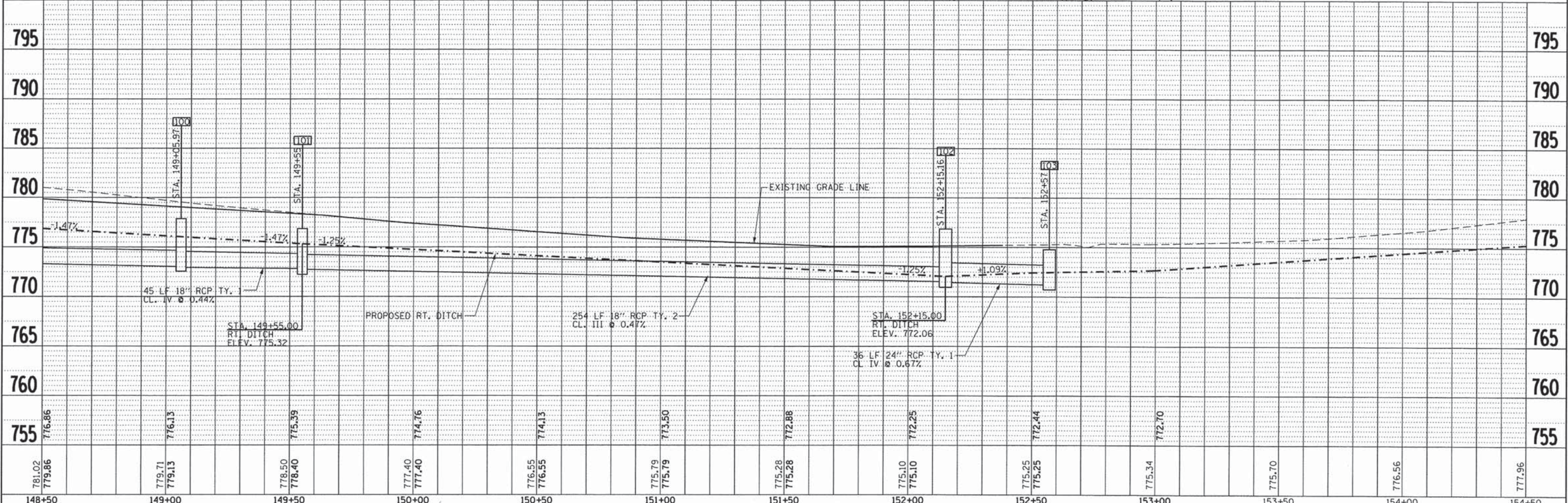
F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 52
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	

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

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



FOR DRAINAGE AND UTILITIES LEGEND SEE DRAINAGE AND UTILITIES SHEET 1 OF 8 AND STANDARD 00001-06



148+50	149+00	149+50	150+00	150+50	151+00	151+50	152+00	152+50	153+00	153+50	154+00	154+50
781.02	779.71	778.50	777.40	776.55	775.79	775.28	775.10	775.25	775.34	775.70	776.56	777.96
779.86	779.13	778.40	777.40	776.55	775.79	775.28	775.10	775.25	775.34	775.70	776.56	777.96

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodah	DESIGNED - AS	REVISED -
FILE NAME:	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

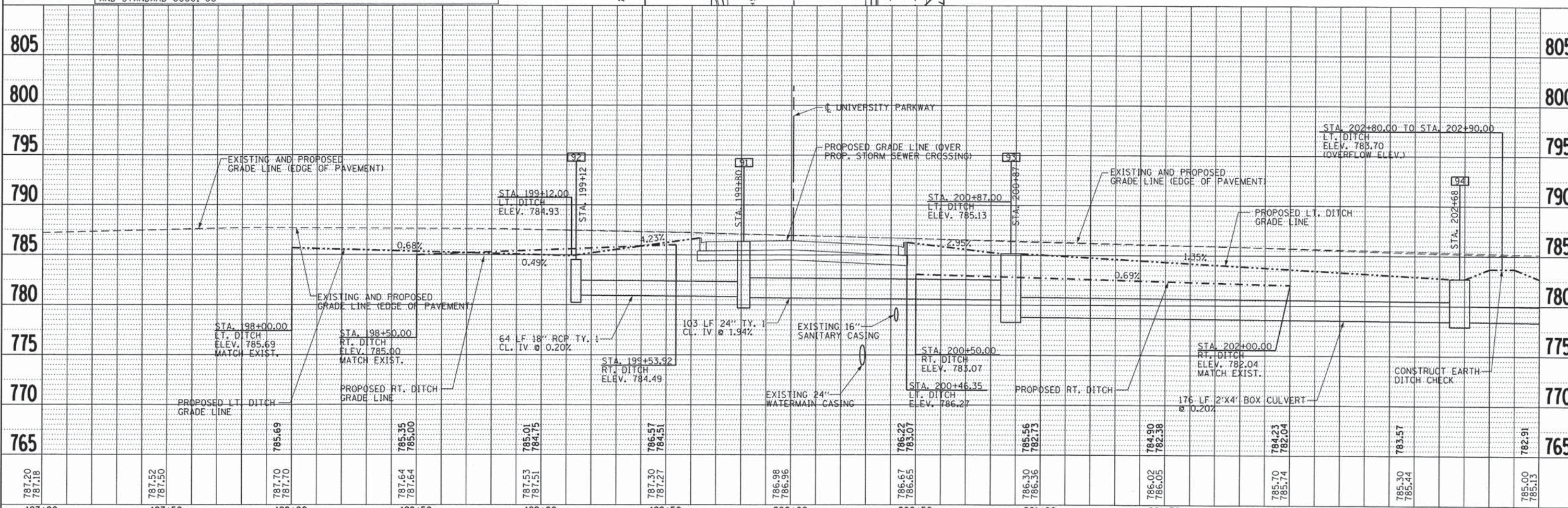
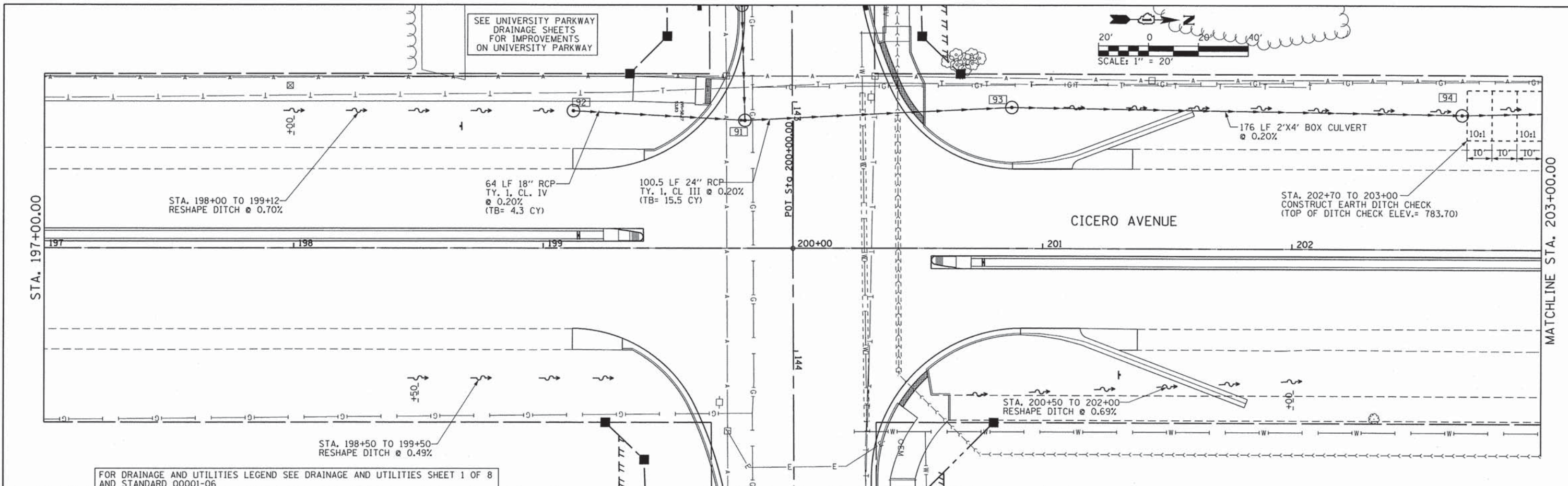
DRAINAGE AND UTILITY PLANS
UNIVERSITY PARKWAY

SCALE: 1"=20' SHEET 6 OF 8 SHEETS STA148+50 TO STA.154+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	56
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	

DATE	
BY	
REVISION	
NO.	
PLANNING	
DESIGN	
CHECKING	
CONSTRUCTION	

DATE	
BY	
REVISION	
NO.	
PROFILE	
DESIGN	
CHECKING	
CONSTRUCTION	



197+00	197+50	198+00	198+50	199+00	199+50	200+00	200+50	201+00	201+50	202+00	202+50	203+00
787.20 787.18	787.52 787.50	787.70 787.70	787.64 787.64	787.53 787.51	787.30 787.27	786.98 786.96	786.67 786.65	786.30 786.36	786.02 786.05	785.70 785.74	785.30 785.44	785.00 785.13

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh
FILE NAME:
PLOT SCALE = 20.0000' / 1" = 20'
PLOT DATE = 12/24/2013

DESIGNED - AS
DRAWN - AS
CHECKED - KDN
DATE - 12/26/2013

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

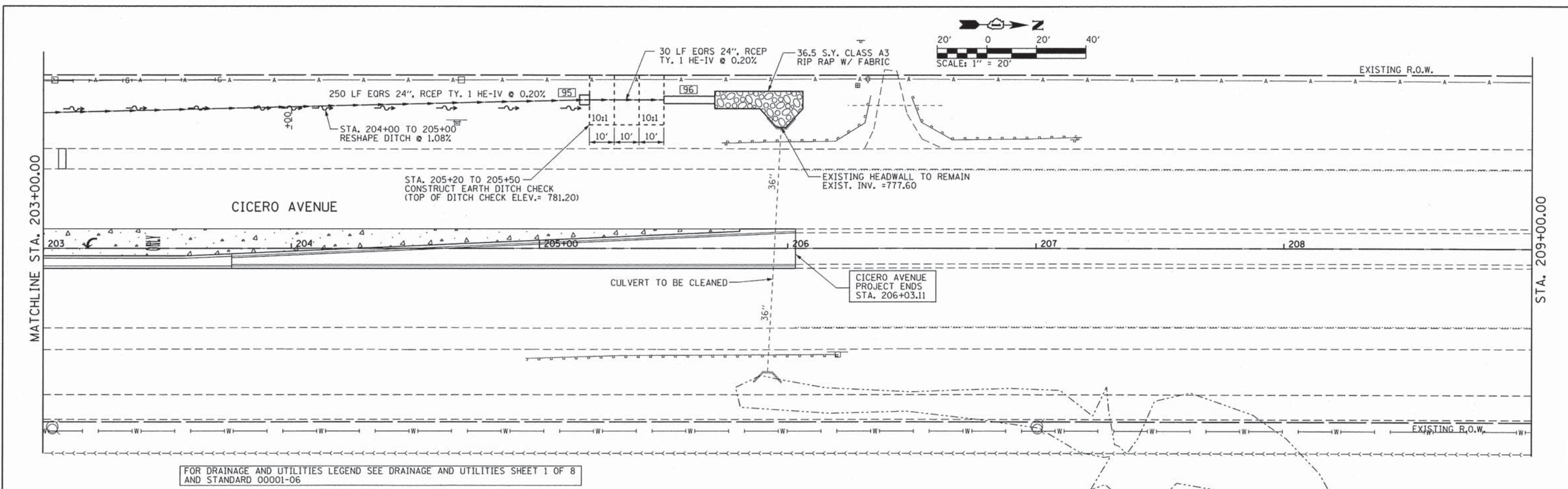
**DRAINAGE AND UTILITY PLANS
CICERO AVENUE**

SCALE: 1"=20' SHEET 7 OF 8 SHEETS STA197+00 TO STA.203+00

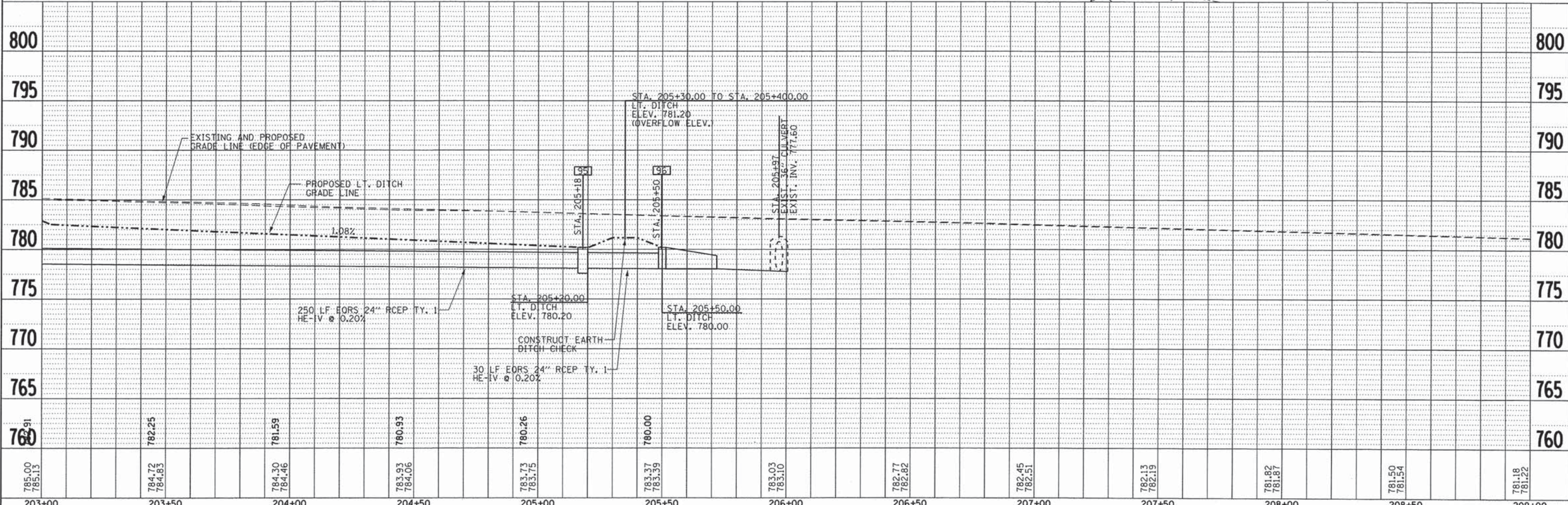
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	57
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	

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

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



FOR DRAINAGE AND UTILITIES LEGEND SEE DRAINAGE AND UTILITIES SHEET 1 OF 8 AND STANDARD 00001-06



785.00	784.72	784.30	783.93	783.73	783.37	783.03	782.77	782.45	782.13	781.82	781.50	781.18
785.13	784.83	784.46	784.06	783.75	783.39	783.10	782.82	782.51	782.19	781.87	781.54	781.22
203+00	203+50	204+00	204+50	205+00	205+50	206+00	206+50	207+00	207+50	208+00	208+50	209+00

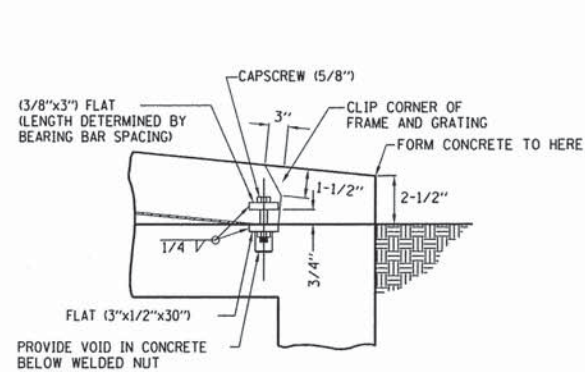
CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh
DESIGNED - AS
DRAWN - AS
CHECKED - KDN
DATE - 12/26/2013
REVISOR -
REVISED -
REVISED -
REVISED -

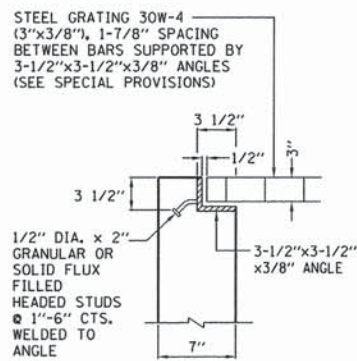
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLANS
CICERO AVENUE
SCALE: 1"=20' SHEET 8 OF 8 SHEETS STA203+00 TO STA.206+03.11

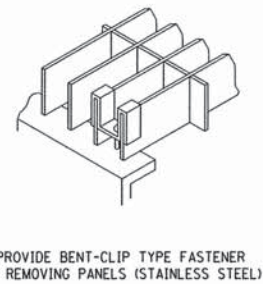
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-0014-00-PV	WILL	112	58
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	



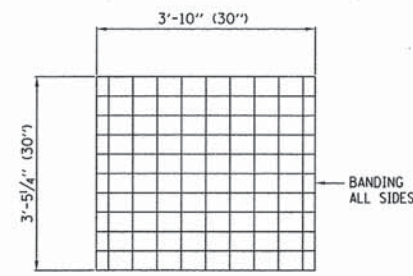
DETAIL A
NO SCALE



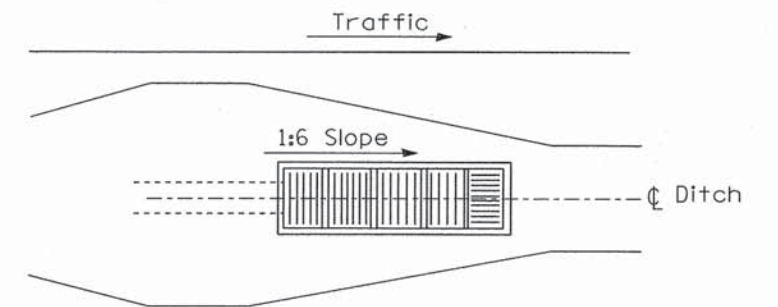
SECTION-B
NO SCALE



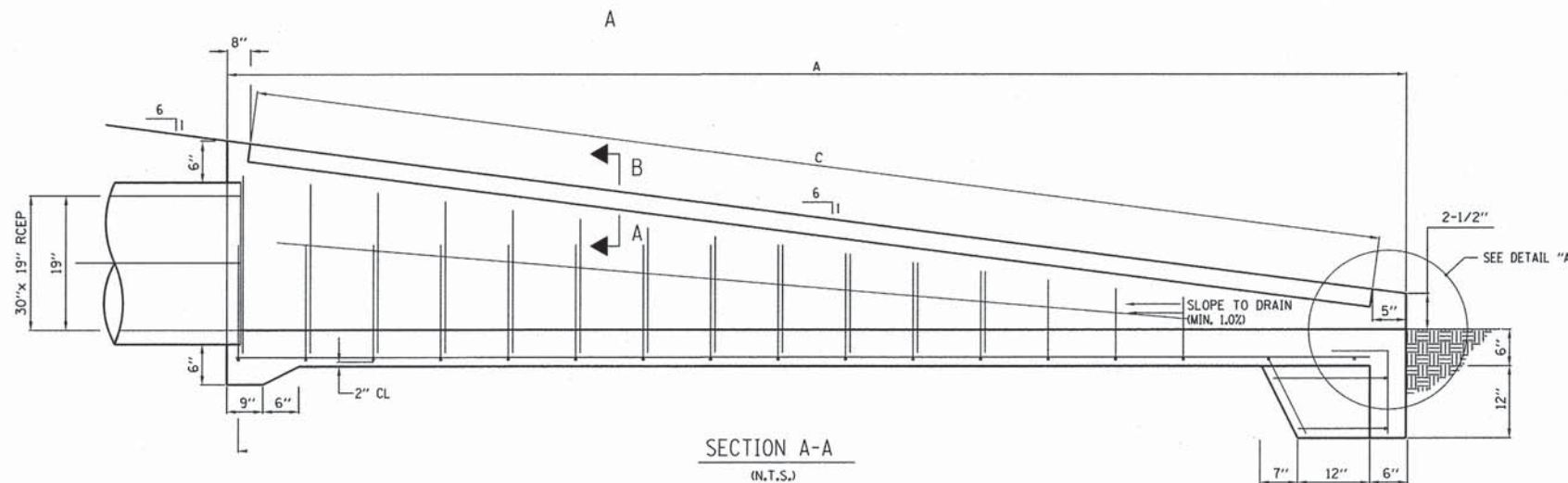
PROVIDE BENT-CLIP TYPE FASTENER FOR REMOVING PANELS (STAINLESS STEEL)
SADDLE CLIP
NO SCALE



GRATING DETAILS - PLAN VIEW
NO SCALE
ONE SECTION OF GRATING DETAILED. TOTAL OF 5 SECTIONS REQUIRED FOR 30". SEE SPECIAL PROVISIONS FOR FURTHER DETAILS.



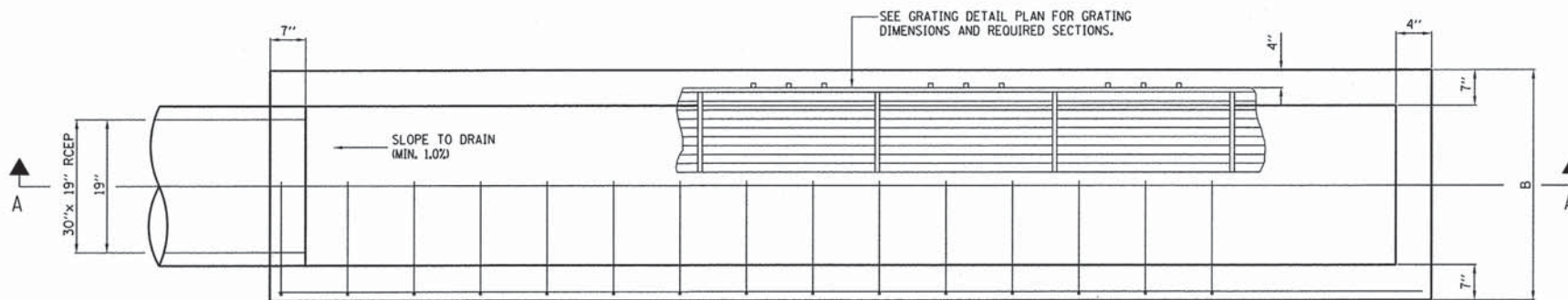
Sketch showing location and direction of main bearing bars in relation to C ditch



SECTION A-A
(N.T.S.)

NOTES:

- CONTRACTOR HAS OPTION TO CONSTRUCT A CAST-IN-PLACE OR PRECAST CONCRETE STRUCTURE.
- THE PRECAST OPTION SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SECTION 504 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012. CLASS SI CONCRETE SHALL BE USED. MINIMUM WALL AND SLAB THICKNESS SHALL BE 10 INCHES. REINFORCING STEEL SHALL BE PROVIDED ON BOTH FACES OF WALLS AND SLABS.
- THE CAST-IN-PLACE OPTION SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SECTION 504 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012. CLASS SI CONCRETE SHALL BE USED. MINIMUM WALL AND SLAB THICKNESS SHALL BE 10 INCHES. REINFORCING STEEL SHALL BE PROVIDED ON BOTH FACES OF WALLS AND SLABS.
- BASE MATERIAL FOR PRECAST OPTION SHALL BE COMPACTED CA-18. BASE MATERIAL FOR CAST-IN-PLACE OPTION SHALL BE CA-6 COMPACTED TO 98% STANDARD PROCTOR DENSITY.
- JOINTS BETWEEN PRECAST CONCRETE SECTIONS SHALL BE SEALED WITH A MASTIC JOINT SEALER CONFORMING TO SECTION 1056 OR 1057 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012. HANDLING HOLES SHALL BE FILLED WITH A PRECAST PLUG, SEALED AND COVERED WITH MASTIC.
- JOINTS IN CAST-IN-PLACE CONSTRUCTION SHALL BE SEALED WITH A PVC WATER SEAL CONFORMING TO ARTICLE 1054.02 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012.
- GROUTING OF REINFORCING BARS INTO HARDENED CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 584 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012.
- STEEL GRATING SHALL BE MANUFACTURED IN ACCORDANCE WITH THE "METAL BAR GRATING MANUAL PUBLISHED BY THE NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS FOR "GRATING, METAL BAR TYPE". STEEL GRATING SHALL BE CONSTRUCTED OF ASTM A36 STEEL. GRATING SHALL BE BANDED FULL DEPTH ON ALL FOUR EDGES WITH 3/8" THICK A36 STEEL. GRATING ASSEMBLY SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A385. ZINC COATING SHALL BE AT LEAST 3.0 MILS.



PLAN

STA. 205+50, 60' LT
(N.T.S.)

TABLE OF DIMENSIONS

DIMENSION	A	B	C
30"	19'-9"	4'-3"	19'-0"

8FILES
12/24/2013



USER NAME = eodeh	DESIGNED - AS	REVISED -
FILE NAME: sp_struct.3.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 3.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPE INLET BOX - 30"
CICERO AVENUE

SCALE: NONE SHEET 3 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	59
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

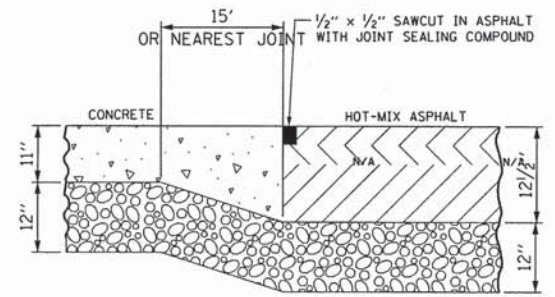
LEGEND

- CONSTRUCTION JOINT 24 IN. LONG, #8 EPOXY COATED BARS AT 24 IN. CENTERS
- TRANSVERSE CONSTRUCTION JOINT
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED INLET
- THICKENED EDGE
- REINFORCED ODD SHAPED PAVEMENT PANEL
- EXISTING GRADES AT C OR EOP
- PROPOSED GRADES AT C OR EOP
- PORTLAND CEMENT CONCRETE PAVEMENT- 11" JOINTED

RADI POINTS

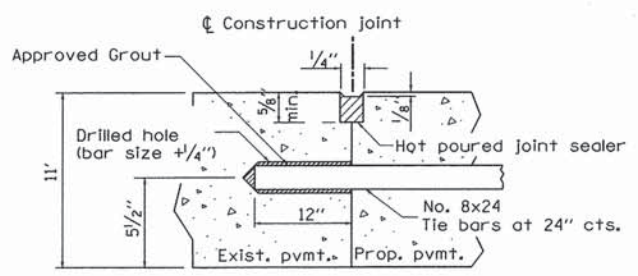
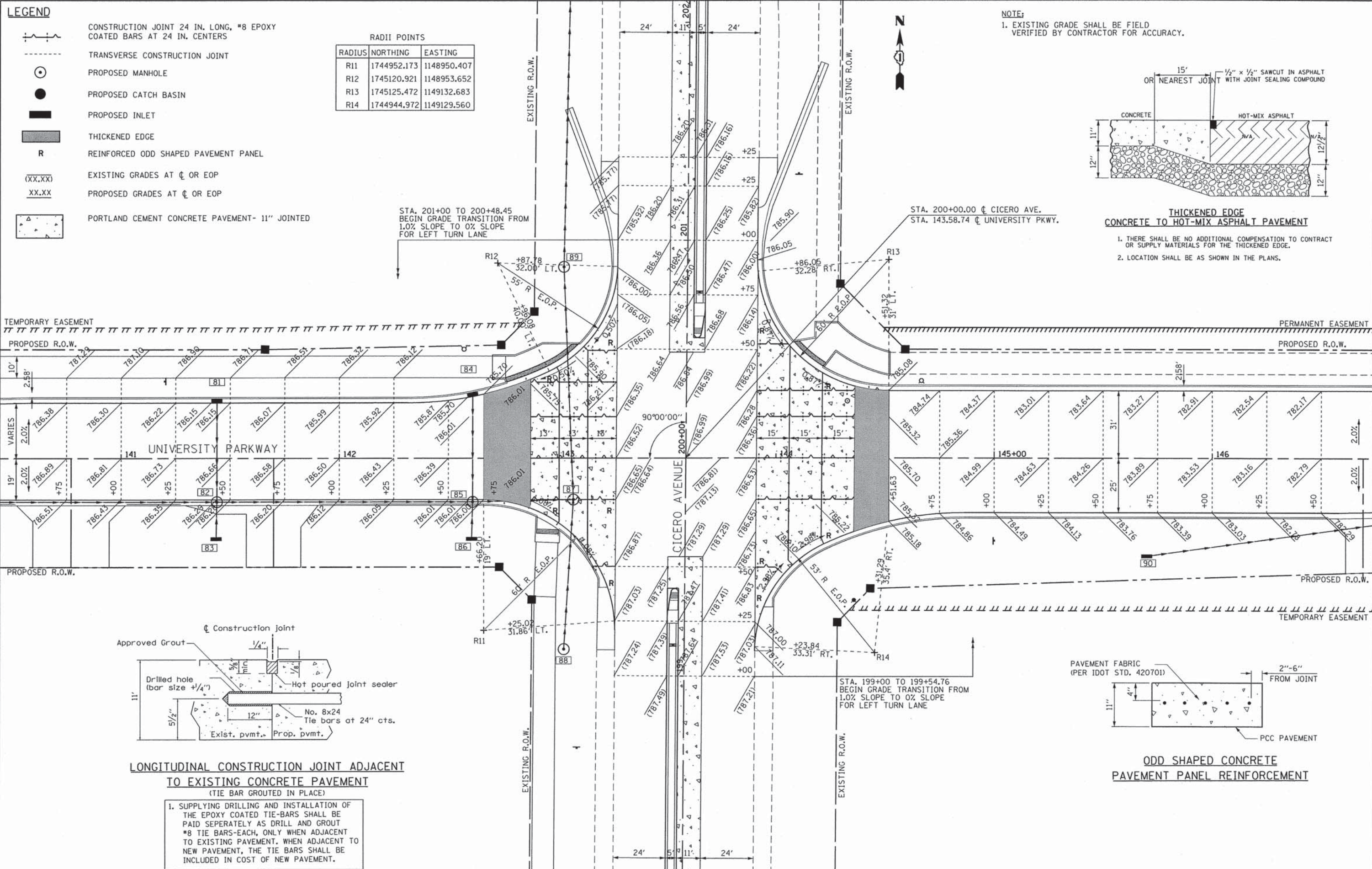
RADIUS	NORTHING	EASTING
R11	1744952.173	1148950.407
R12	1745120.921	1148953.652
R13	1745125.472	1149132.683
R14	1744944.972	1149129.560

NOTE:
1. EXISTING GRADE SHALL BE FIELD VERIFIED BY CONTRACTOR FOR ACCURACY.



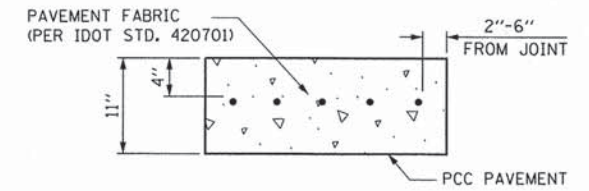
THICKENED EDGE CONCRETE TO HOT-MIX ASPHALT PAVEMENT

1. THERE SHALL BE NO ADDITIONAL COMPENSATION TO CONTRACT OR SUPPLY MATERIALS FOR THE THICKENED EDGE.
2. LOCATION SHALL BE AS SHOWN IN THE PLANS.



LONGITUDINAL CONSTRUCTION JOINT ADJACENT TO EXISTING CONCRETE PAVEMENT (TIE BAR GROUTED IN PLACE)

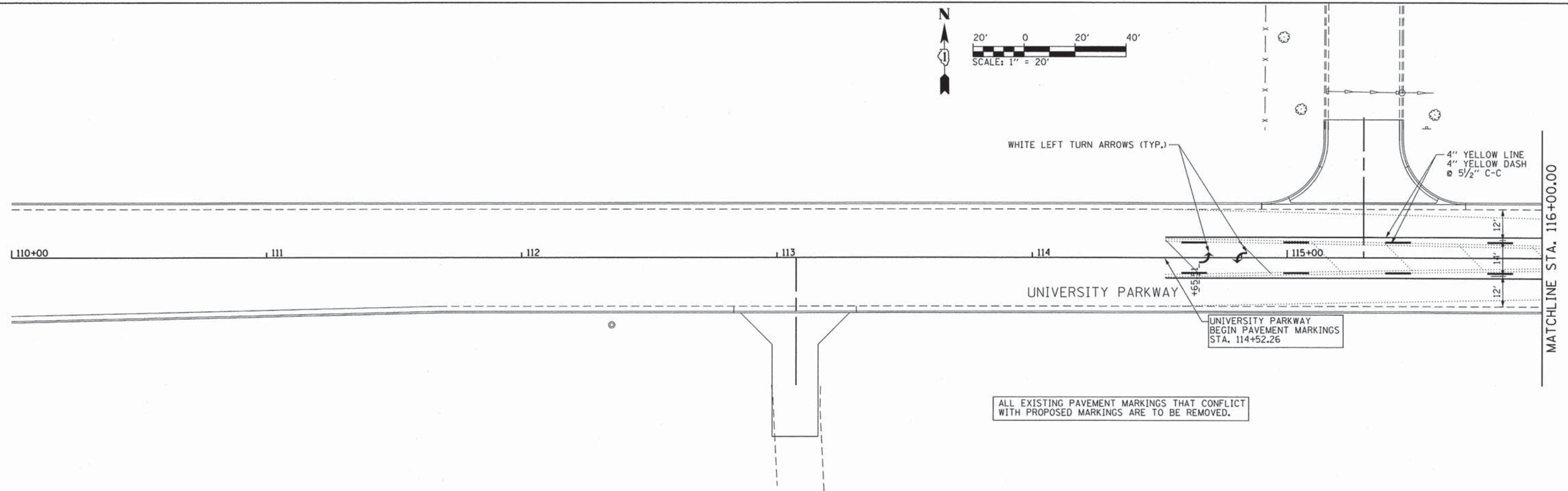
1. SUPPLYING DRILLING AND INSTALLATION OF THE EPOXY COATED TIE-BARS SHALL BE PAID SEPARATELY AS DRILL AND GROUT #8 TIE BARS-EACH, ONLY WHEN ADJACENT TO EXISTING PAVEMENT. WHEN ADJACENT TO NEW PAVEMENT, THE TIE BARS SHALL BE INCLUDED IN COST OF NEW PAVEMENT.



ODD SHAPED CONCRETE PAVEMENT PANEL REINFORCEMENT

9FILES 12/24/2013

<p>CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613</p>	USER NAME = aodah	DESIGNED - AS	REVISED -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>INTERSECTION GRADE DETAIL UNIVERSITY PARKWAY & CICERO AVENUE</p>	F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 60
	FILE NAME: int.ci.dgn	DRAWN - AS	REVISED -			SCALE: 1"=30'	SHEET 1 OF 1 SHEETS	STA. N/A TO STA. N/A	CONTRACT NO. 63709	
	PLOT SCALE = 20,0000' / in.	CHECKED - KDN	REVISED -							
	PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -							



DIRECTORY = #FILEDIR#

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

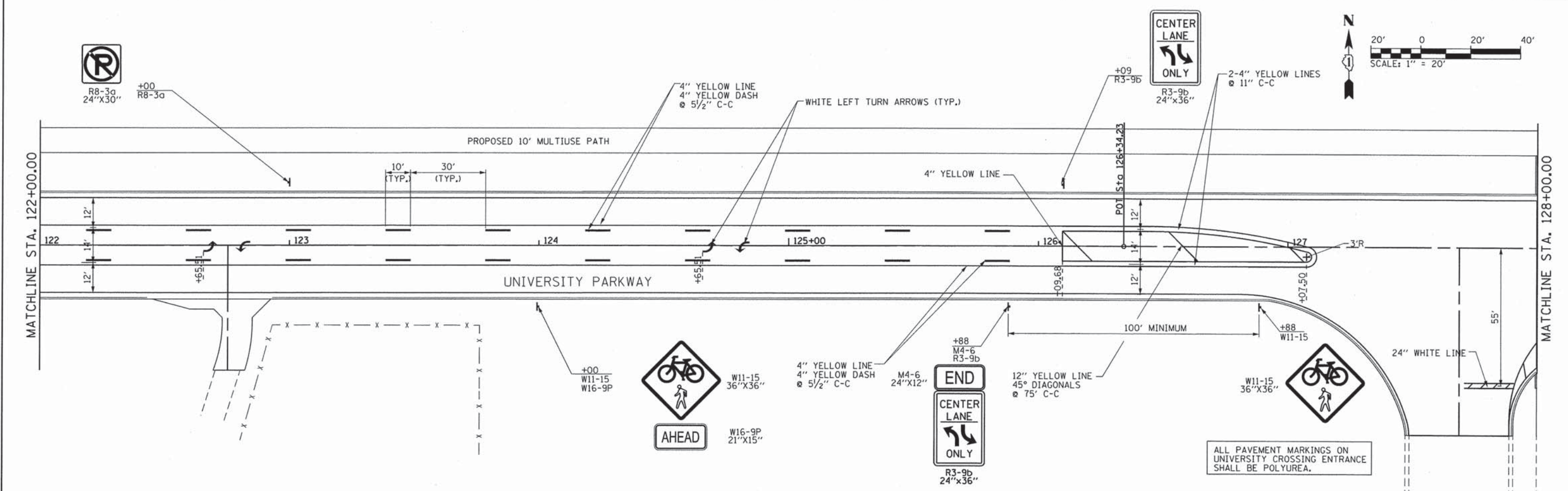
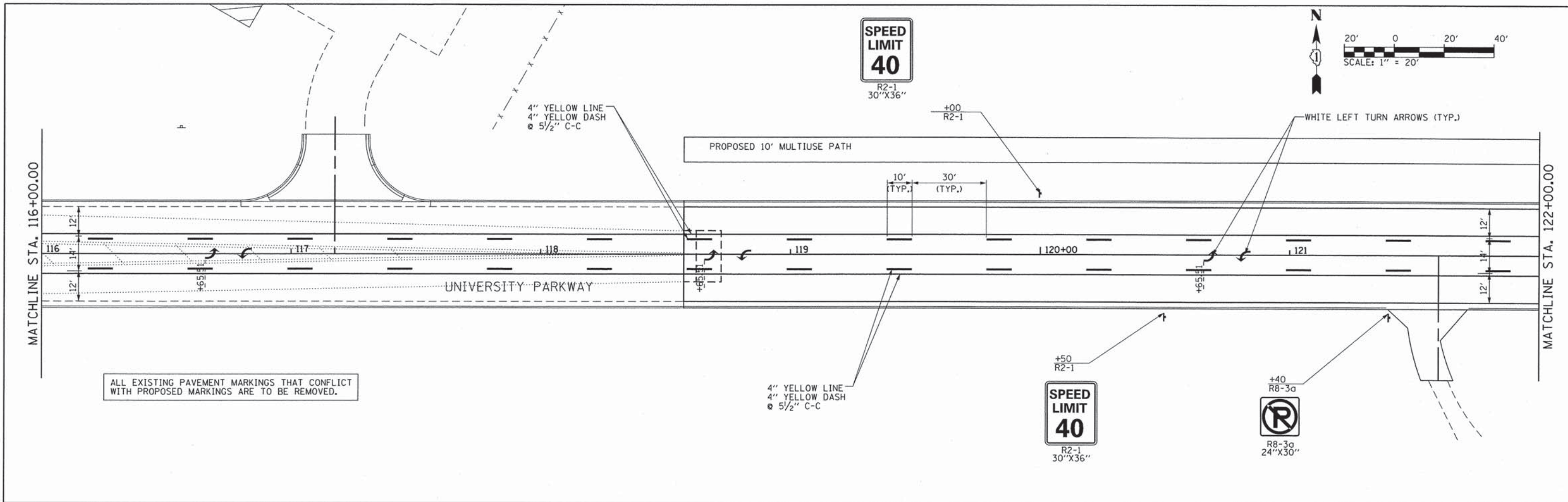
USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME = pmark_2.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN
 UNIVERSITY PARKWAY**

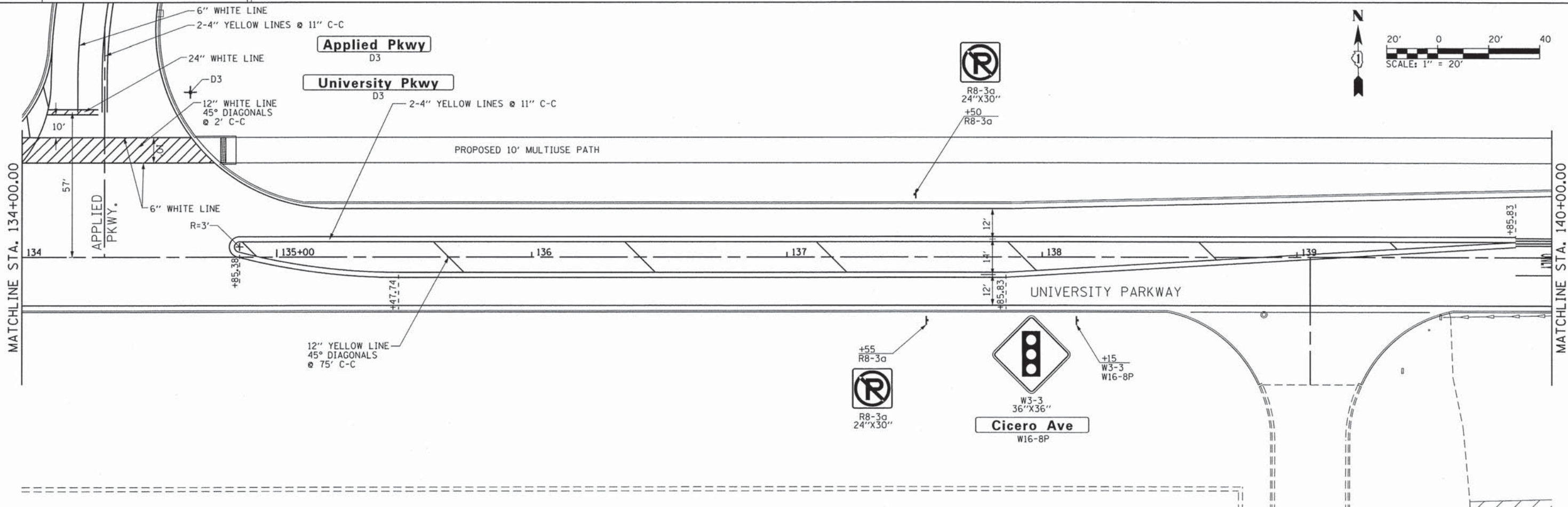
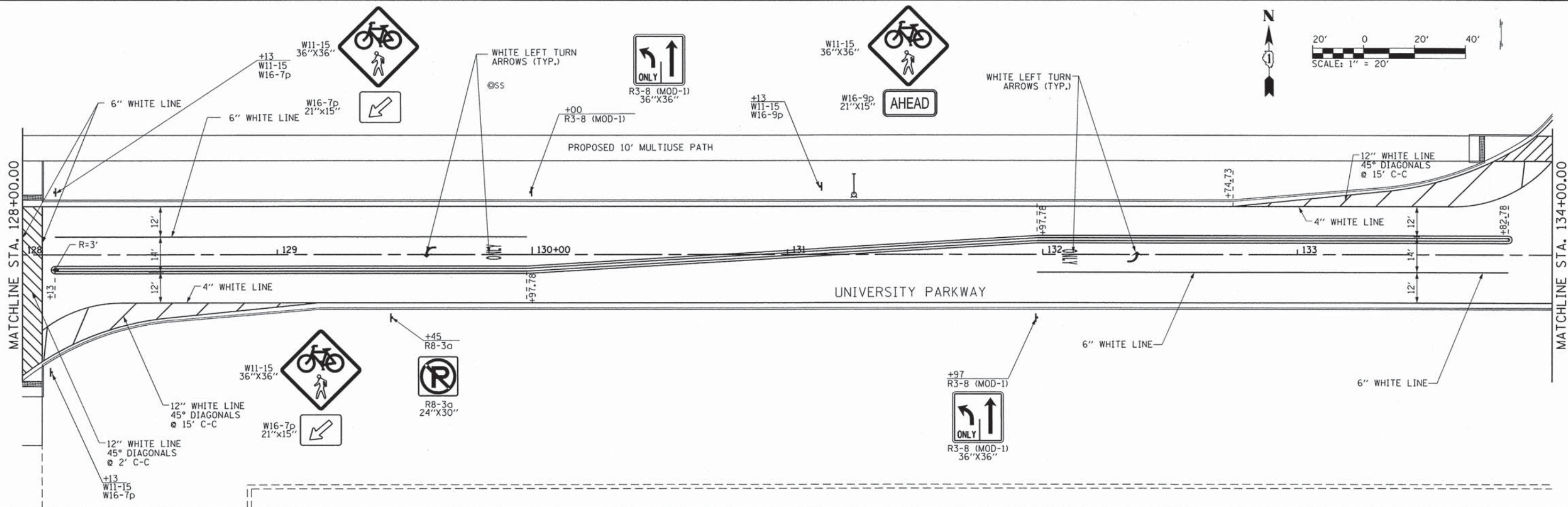
SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 104+00 TO STA. 116+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 61
CONTRACT NO. 63709				
[ILLINOIS] FED. AID PROJECT				



DIRECTORY: L:\UNIVPARK\03222005.Section_1\Draw\CADD_Sheets\...

CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = Adham Odeh FILE NAME: pmark_3.dgn PLOT SCALE = PLOT DATE = 12/26/2013 - 10:49:59 AM	DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 12/26/2013	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING & SIGNING PLAN UNIVERSITY PARKWAY	F.A.J. RTE. 1637 SECTION 96-00014-00-PV COUNTY WILL TOTAL SHEETS 112 SHEET NO. 62 CONTRACT NO. 63709 ILLINOIS FED. AID PROJECT
	SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 116+00 TO STA. 128+00					



DIRECTORY # FILEDIR#

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

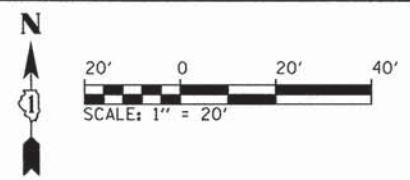
USER NAME = eodeh	DESIGNED - AS	REVISED -
FILE NAME: pmark_4.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

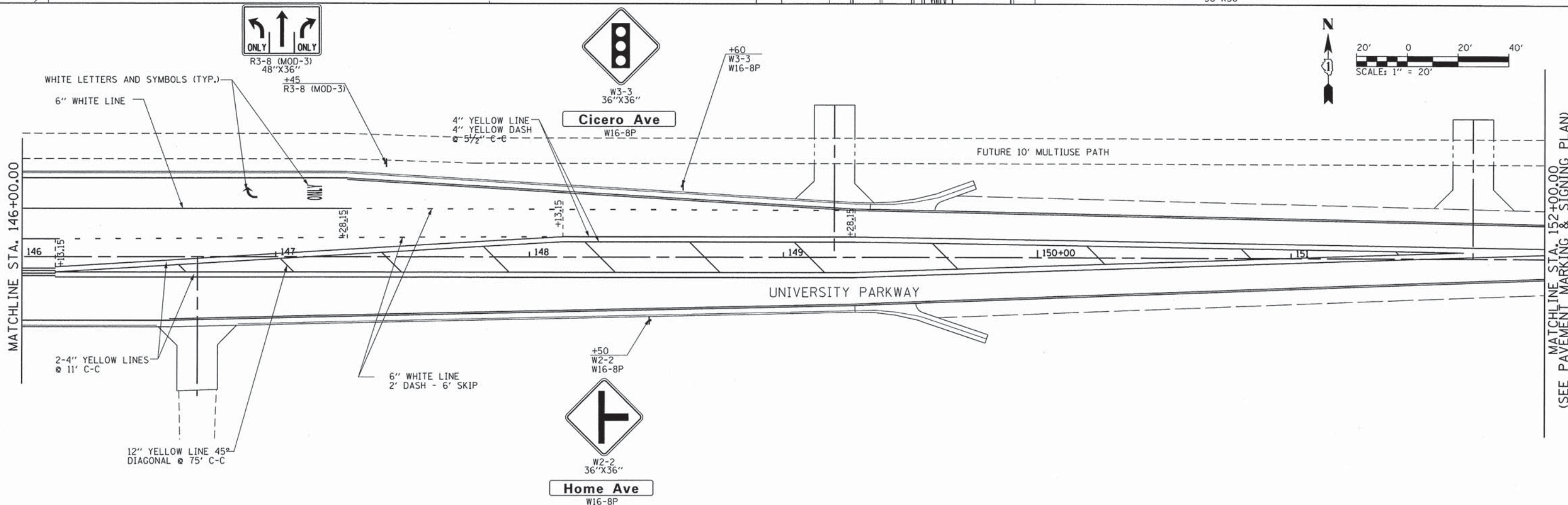
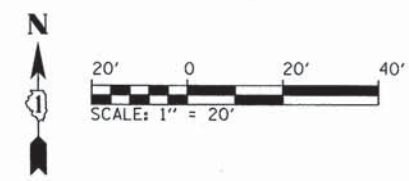
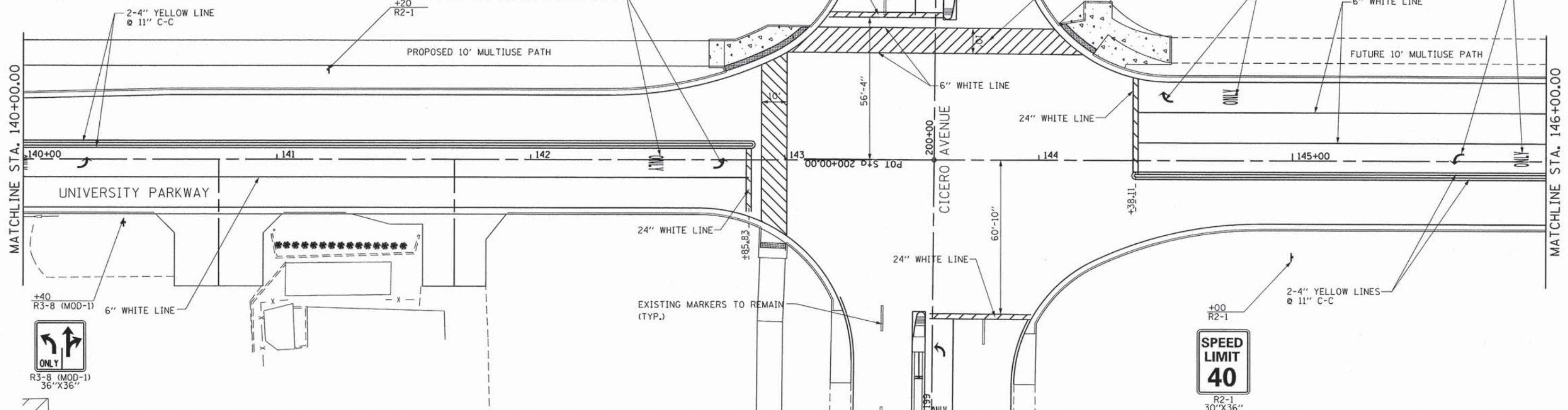
PAVEMENT MARKING & SIGNING PLAN
UNIVERSITY PARKWAY

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 128+00 TO STA. 140+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 63
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT



SPEED LIMIT
40
R2-1
30"X36"



MATCHLINE STA. 152+00.00
(SEE PAVEMENT MARKING & SIGNING PLAN SHEET 7 OF 7)

CMT
CRANFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS

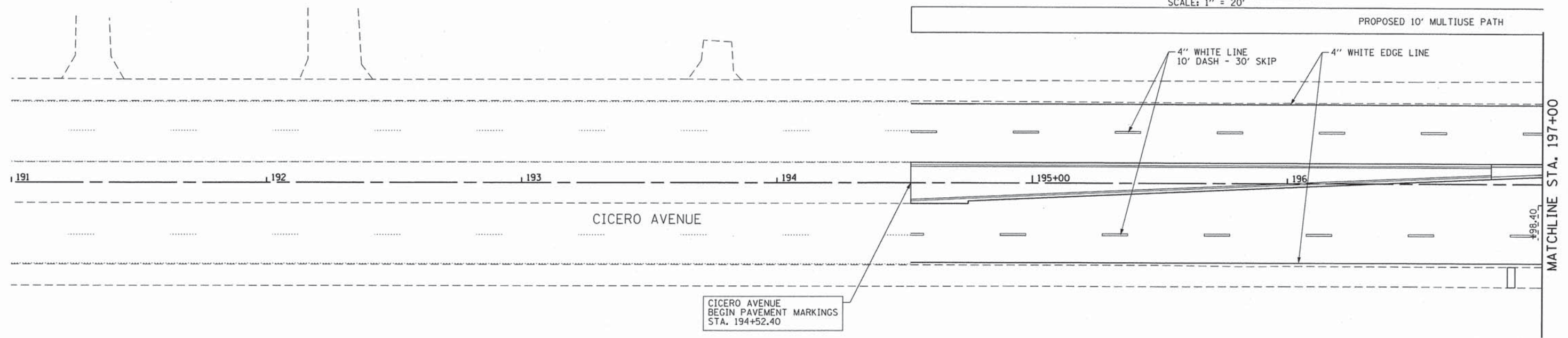
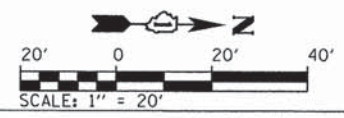
USER NAME = eodgh	DESIGNED - AS	REVISED -
FILE NAME = pmark_5.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = 12/25/2013	DATE = 12/25/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN
UNIVERSITY PARKWAY

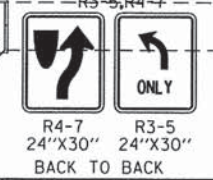
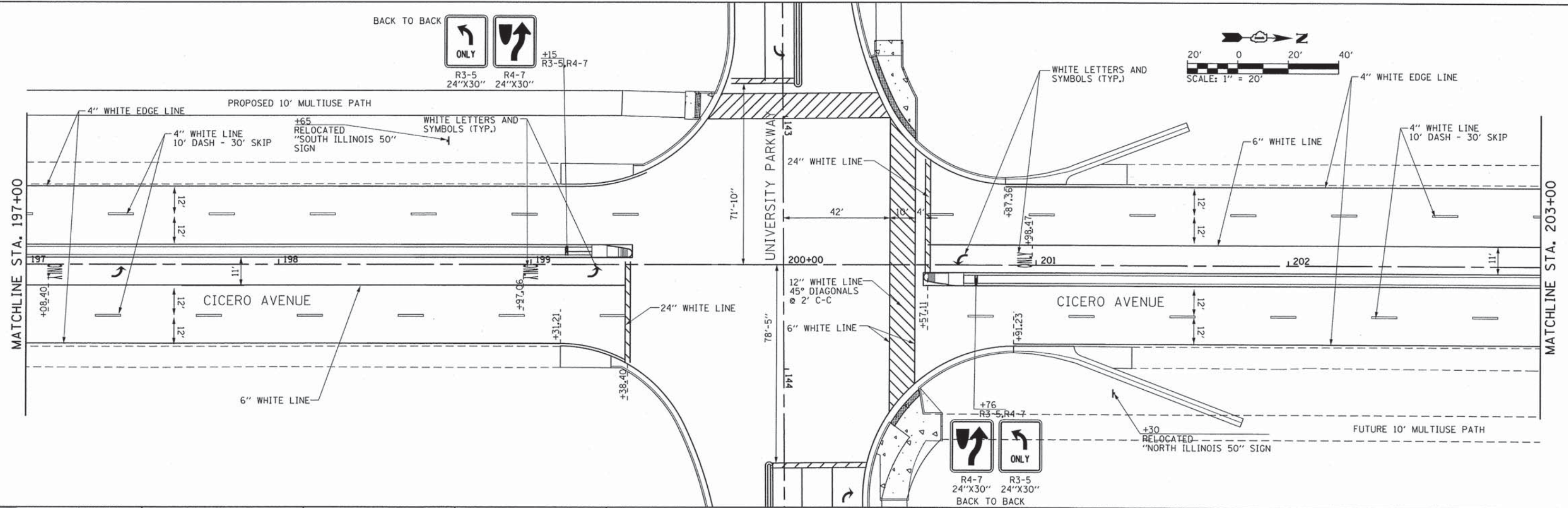
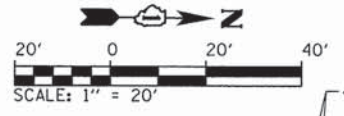
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	64
CONTRACT NO. 63709				

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 140+00 TO STA. 152+00



NOTE:
 PROPOSED SKIP DASH, EDGE LINE, MEDIAN AND CENTERLINE STRIPING SHALL BE EXTENDED TO STA. 190+92.40

ALL PAVEMENT MARKINGS ON CICERO AVENUE SHALL BE POLYUREA



DIRECTOR - #FILEDIR#

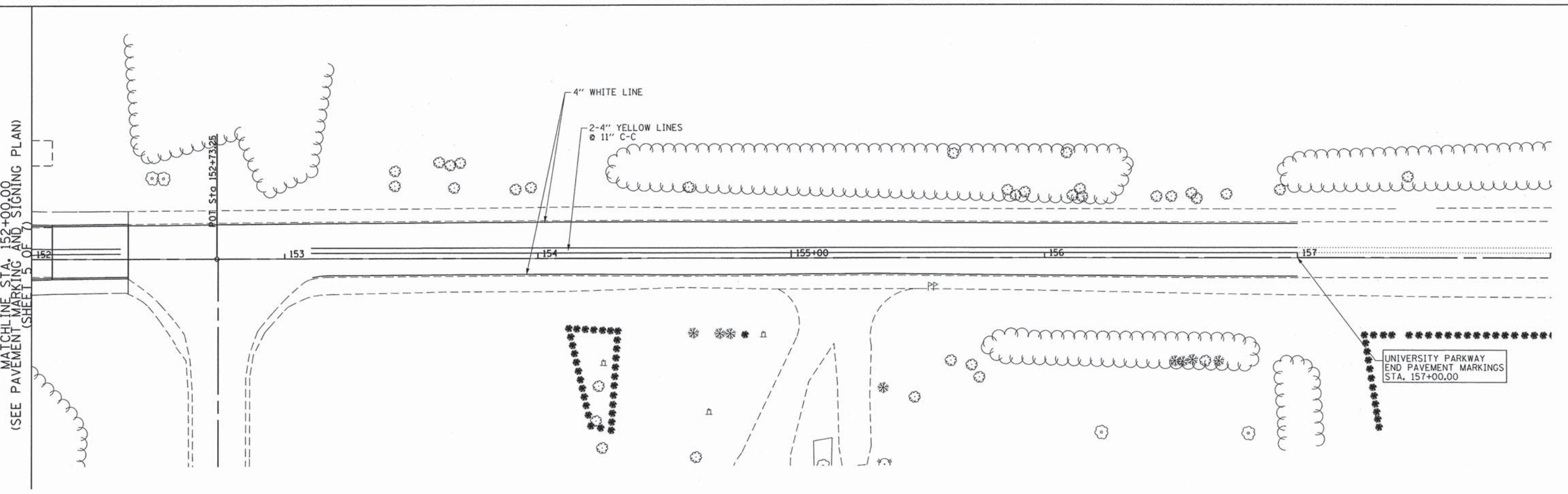
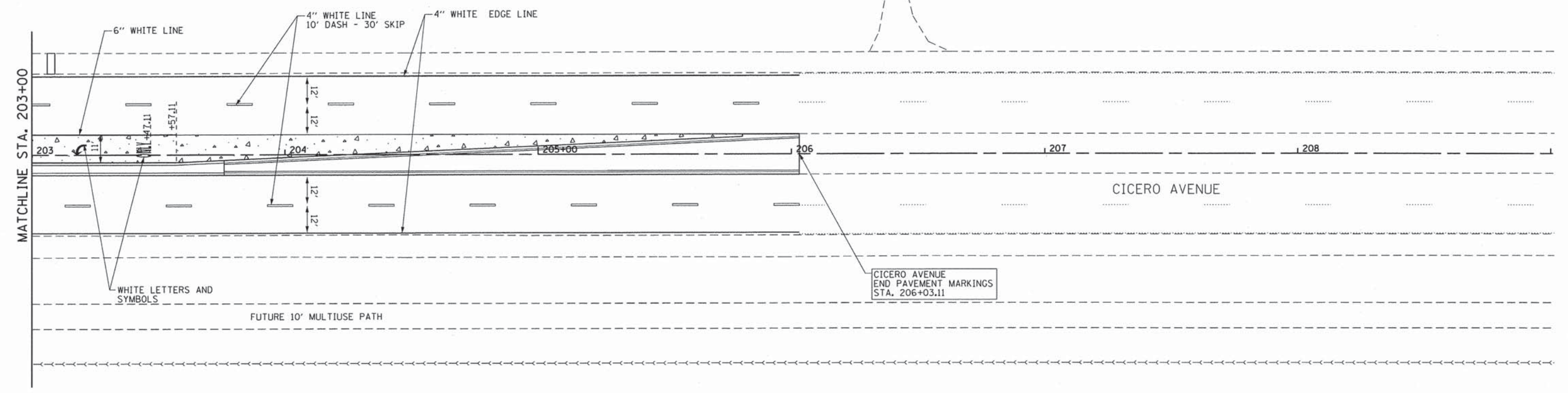
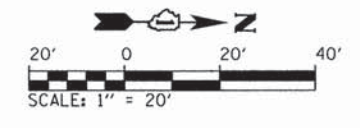
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = eadeh	DESIGNED - AS	REVISED -
FILE NAME = pmark_cicero.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN
 CICERO AVENUE**
 SCALE: 1"=20" SHEET 5 OF 6 SHEETS STA. 194+52.40 TO STA. 203+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 65
				CONTRACT NO. 63709
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 152+00.00
(SEE PAVEMENT MARKING AND SIGNING PLAN)
(SHEET 5 OF 7)

<p>CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613</p>	USER NAME = oodeh	DESIGNED - AS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING & SIGNING PLAN CICERO AVENUE			F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 66	
	FILE NAME: pmark_cicero_7.dgn	DRAWN - AS	REVISED -		SCALE: 1"=20'	SHEET 6	OF 6 SHEETS	STA. 203+00	TO STA. 206+03.11	CONTRACT NO. 63709			
	PLOT SCALE =	CHECKED - KDN	REVISED -			ILLINOIS FED. AID PROJECT							
	PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -										

DIRECTORY = #FILEDIR#

NOTES:

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR100000, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORMWATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

1. THE DESCRIPTION

A. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY FOLLOWING MASS GRADING, WHICH IS THE SUBJECT OF THIS PLAN:

THE PROPOSED DEVELOPMENT CONSISTS OF MASS GRADING, INSTALLATION OF PROPOSED UTILITIES, AND SOIL EROSION CONTROL MEASURES AT A MINIMUM.

B. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES, WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION AND GRADING:

THE SEQUENCE OF THE CONSTRUCTION ACTIVITIES MAY BE AS FOLLOWS:
1) INSTALL SILT FILTER FENCE AND STABILIZED CONSTRUCTION ENTRANCE, 2) UNDERGROUND UTILITIES INSTALLATION, 3) FINE GRADING IN PAVEMENT AREA AND 4) PAVEMENT CONSTRUCTION. THE SOIL EROSION AND SEDIMENTATION CONTROL ITEMS WILL BE CONSTRUCTED AS NEEDED DURING THE ABOVE CONSTRUCTION ACTIVITIES.

C. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 9 ACRES

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED TO BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES, IS 9 ACRES.

D. THE ESTIMATED RUNOFF COEFFICIENTS OF THE VARIOUS AREAS OF THE SITE AFTER CONSTRUCTION ACTIVITIES ARE CONTAINED IN THE PROJECT DRAINAGE CALCULATION. INFORMATION DESCRIBING THE SOIL

AT THE SITE IS CONTAINED IN THE SOILS INVESTIGATION FOR THE PROJECT.

2. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN 1.B ABOVE. FOR EACH MEASURE DISCUSSED, THE CONTRACTORS WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS, WHICH ARE ATTACHED TO, AND ARE A PART OF, THIS PLAN.

A. EROSION AND SEDIMENT CONTROLS

(I) STABILIZATION PRACTICES. PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE-SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. EXCEPT AS PROVIDED IN 2.A.(I) AND 2.B., STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF TWENTY-ONE (21) OR MORE CALENDAR DAYS.

(A). WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING INTERIM AND STABILIZATION PRACTICES, AS A MINIMUM, WILL BE IMPLEMENTED TO STABILIZE THE DISTURBED AREA OF THE SITE:

1. PERMANENT SEEDING
2. SODDING
3. VEGETATIVE FILTER
4. VEGETATIVE CHANNEL
5. STABILIZED CONSTRUCTION ENTRANCE
6. BARRIER FILTER
7. DITCH CHECK

(II) STRUCTURAL PRACTICES. PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

1. STORM SEWER SYSTEM
2. VEGETATED DRAINAGE SWALES
3. PERMANENT SEEDING/SODDING
4. RIPRAP

B. STORMWATER MANAGEMENT

(I) PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORMWATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE CONTAINED IN IEPA'S STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND OTHER ORDINANCES LISTED IN THE SPECIFICATIONS.

THE STORMWATER POLLUTANT CONTROL MEASURES SHALL INCLUDE:

1. SILT FILTER FENCE
2. DRAINAGE SWALES
3. STORM SEWERS
4. EROSION CONTROL BLANKET
5. DITCH CHECKS
6. INLET PROTECTION
7. RIP RAP

(II) VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATION AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G., MAINTENANCE OF HYDROLOGIC CONDITIONS, SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

STORMWATER MANAGEMENT CONTROL INCLUDES:

1. VEGETATIVE CHANNELS

C. OTHER CONTROLS

(I) WASTE DISPOSAL. THE SOLID WASTE MATERIALS INCLUDING TRASH, CONSTRUCTION DEBRIS, EXCESS CONSTRUCTION MATERIALS, MACHINERY, TOOLS AND OTHER ITEMS WILL BE COLLECTED AND DISPOSED OFF-SITE BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO ACQUIRE ANY PERMIT REQUIRED FOR SUCH DISPOSAL. BURNING ON THE SITE WILL NOT BE PERMITTED. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

(II) THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

THE SANITARY SEWAGE WILL BE DISCHARGED TO THE EXISTING SANITARY SEWER.

D. APPROVED STATE OR LOCAL PLANS

UNLESS OTHERWISE INDICATED, ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002, EROSION AND SEDIMENTATION PLAN, AND THE VILLAGE OF UNIVERSITY PARK ORDINANCE. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION CONTROL SITE PLANS OR SITE PERMITS OR STORMWATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI TO BE AUTHORIZED TO DISCHARGE UNDER THIS PERMIT, INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

3. MAINTENANCE

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN AND STANDARD SPECIFICATIONS.

STABILIZED CONSTRUCTION ENTRANCE: THE ENTRANCE SHALL BE MAINTAINED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC STREETS. THIS WILL BE DONE BY TOP DRESSING WITH ADDITIONAL STONES, REMOVE AND REPLACE TOP LAYER, OF STONES OR WASHING THE ENTRANCE. THE SEDIMENT WASHED ON THE PUBLIC RIGHT-OF-WAY WILL BE REMOVED IMMEDIATELY.

VEGETATIVE EROSION CONTROL MEASURES: THE VEGETATIVE GROWTH OF TEMPORARY AND PERMANENT SEEDING, SODDING, VEGETATIVE CHANNELS, VEGETATIVE FILTER, ETC. SHALL BE MAINTAINED PERIODICALLY AND SUPPLY ADEQUATE WATERING AND FERTILIZER. THE VEGETATIVE COVER SHALL BE REMOVED AND RESEEDED AS NECESSARY.

SEDIMENTATION BASINS/TRAPS: THE SEDIMENTS SHALL BE REMOVED WHEN 40-50 PERCENT OF THE TOTAL ORIGINAL CAPACITY IS OCCUPIED BY THE SEDIMENT. IN NO CASE SHALL THE SEDIMENT BE BUILT UP TO MORE THAN 1 FOOT BELOW THE CREST ELEVATION. AT THIS STAGE, THE BASIN SHALL BE CLEANED OUT TO RESTORE ITS ORIGINAL VOLUME.

SILT FILTER FENCE: THE DAMAGED SILT FILTER FENCE SHALL BE RESTORED TO MEET THE STANDARDS OR REMOVED AND REPLACED AS NEEDED.

STRAW BALE BARRIER FILTERS: THE STRAW BALE BARRIER SHALL BE INSPECTED FREQUENTLY AND SHALL BE REPAIRED OR REMOVED AND REPLACED AS NEEDED.

RIPRAP OUTLET PROTECTION: IT SHALL BE INSPECTED AFTER HIGH FLOWS FOR ANY SCOUR BENEATH THE RIPRAP OR FOR STONES THAT HAVE BEEN DISLODGED. IT SHALL BE REPAIRED IMMEDIATELY.

4. INSPECTIONS

THE OWNER, OR OWNER'S REPRESENTATIVE SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE, WHICH HAVE NOT BEEN FINALLY STABILIZED. STRUCTURAL CONTROL MEASURES AND LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE, SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL, FOR POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION 1 ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION 2 ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORMWATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION 4.B. SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI.G OF THE GENERAL PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AND "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI.G OF THE GENERAL PERMIT. THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL

ATTN: COMPLIANCE ASSURANCE SECTION
2200 CHURCHILL ROAD
POST OFFICE BOX 19276
SPRINGFIELD, IL 62794-9276

5. NON-STORMWATER DISCHARGES

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORMWATER THAT MAY BE COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN, ARE DESCRIBED BELOW:

1. WATERMAIN FLUSHING
2. FIRE HYDRANT FLUSHING
3. WATERING FOR DUST CONTROL
4. IRRIGATION DRAINAGE FOR VEGETATIVE GROWTH FOR SEEDING, ETC.

THE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR NON-STORMWATER COMPONENTS OF THE DISCHARGE:

THE FIRE HYDRANT AND WATERMAIN SHALL NOT BE FLUSHED DIRECTLY ON THE EXPOSED AREA OR SUBGRADE OF THE PAVEMENT. HOSES SHALL BE USED TO DIRECT THE FLOW INTO THE STORM SEWER SYSTEM, IF AVAILABLE.

THE EROSION DUE TO IRRIGATION OF SEEDING SHALL BE CONSIDERED MINOR.

GENERAL NOTES:

STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GOETEXTILE (SILT WEDGES), AND/OR A OTHER MATERIAL APPROVED BY THE ENGINEER.

SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DEPOSITED ON THE SITE ON A REGULAR BASIS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM FOR EARTH EXCAVATION.

PERIMETER BARRIER PROTECTING UNDISTURBED AREAS IS TO BE PLACED PRIOR TO ANY OTHER WORK, AND IS NOT TO BE REMOVED UNTIL ALL WORK IS COMPLETE AND PERMANENT STABILIZATION IS ESTABLISHED. PERIMETER BARRIER SURROUNDING STOCKPILES IS TO BE PLACED WHEN STOCKPILES ARE CONSTRUCTED.

ESTABLISHED STABILIZATION OF ALL WORK IN STAGE 1 SHALL BE COMPLETED PRIOR TO BEGINNING THAT PORTION OF STAGE 1 WORK THAT DRAINS THROUGH THE APPLICABLE PRELIMINARY STAGE AREA.

IN STAGES 1 AND 2, DITCHES ARE TO BE CONSTRUCTED TO FINAL CROSS SECTION AND GRADE AND STABILIZED PERMANENTLY AS SOON AS IS FEASIBLE, IN THE AREA FROM THE FORESLOPE TO THE CONSTRUCTION LIMITS. TEMPORARY DITCH CHECKS, PLACED AS PER THE TABLE, AND TEMPORARY EROSION CONTROL SEEDING SHALL BE USED UNTIL PERMANENT STABILIZATION CAN BE INSTALLED AND ESTABLISHED.

STOCKPILES OF TOPSOIL, OR OTHER SOIL SALVAGED FROM THE JOB FOR LATER USE, SHALL BE COVERED AND SURROUNDED BY PERIMETER BARRIER IMMEDIATELY AFTER PLACEMENT. WHEN THE SOIL IS REMOVED, THE AREA SHALL BE GRADED, PERMANENTLY SEEDED AND MULCHED, AND THE PERIMETER BARRIER REMOVED.

TEMPORARY DITCH CHECKS SHALL BE ROLLED EXCELSIOR DITCH CHECKS PLACED ACCORDING TO STANDARD 280001, BEGINNING AT THE DITCH OUTFALL AND PROGRESSING UPSTREAM. THE SPACING SHALL BE GOVERNED BY THE GRADIENT OF THE DITCH LINE IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

% GRADE	DITCH CHECK SPACING
LESS THAN 1.0%	100 FEET ON CENTER
GREATER THAN 1.0%	50 FEET ON CENTER

TEMPORARY EROSION CONTROL SEEDING (ITEM # 25002300 ACRE) SHALL BE PLACED ON ALL ERODIBLE/BARE EARTH AREAS AS PER THE SPECIFICATIONS & AS DIRECTED BY THE ENGINEER.

EROSION CONTROL SHALL BE PERFORMED ACCORDING TO THE REQUIREMENTS OF ARTICLE 280 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

INLET AND PIPE PROTECTION SHALL BE PROVIDED AT ALL EXISTING INLETS AND OPEN TOP DRAINAGE STRUCTURES THAT WILL RECEIVE RUNOFF FROM AREAS WITHIN THE LIMITS OF CONSTRUCTION, AND FOR INLETS ALONG ACCESS STREETS WHERE MATERIAL WILL BE TRACKED BY CONSTRUCTION VEHICLES AND EQUIPMENT. INLET AND PIPE PROTECTION FOR PROPOSED INLETS AND OTHER OPEN DRAINAGE STRUCTURES WILL BE PROVIDED AS SOON AS THE STRUCTURE IS CONSTRUCTED AND WILL BE MAINTAINED UNTIL SURFACES ARE PAVED OR REVEGETATED.

PERIMETER EROSION BARRIER SHALL BE INSTALLED AT LOCATIONS WHERE SEDIMENT FROM DISTURBED AREAS WILL LEAVE THE SITE IN SHEET FLOW RUNOFF.

TEMPORARY EROSION CONTROL SEEDING IS TO BE APPLIED TO AND MAINTAINED ON ALL BARE AREAS AS SPECIFIED IN ARTICLE 280 OF THE STANDARD SPECIFICATIONS UNTIL FINAL LANDSCAPING IS PERFORMED.

EROSION CONTROL SHALL REMAIN IN PLACE THROUGHOUT ALL CONSTRUCTION STAGES UNTIL ALL SURFACES ARE PAVED AND REVEGETATION HAS OCCURRED.

CONTRACTOR CERTIFICATION STATEMENT

THIS CERTIFICATION STATEMENT IS PART OF THE STORM WATER POLLUTION PLAN FOR THE PROJECT DESCRIBED BELOW IN ACCORDANCE WITH NPDES PERMIT NO. ILR100000, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ON _____.

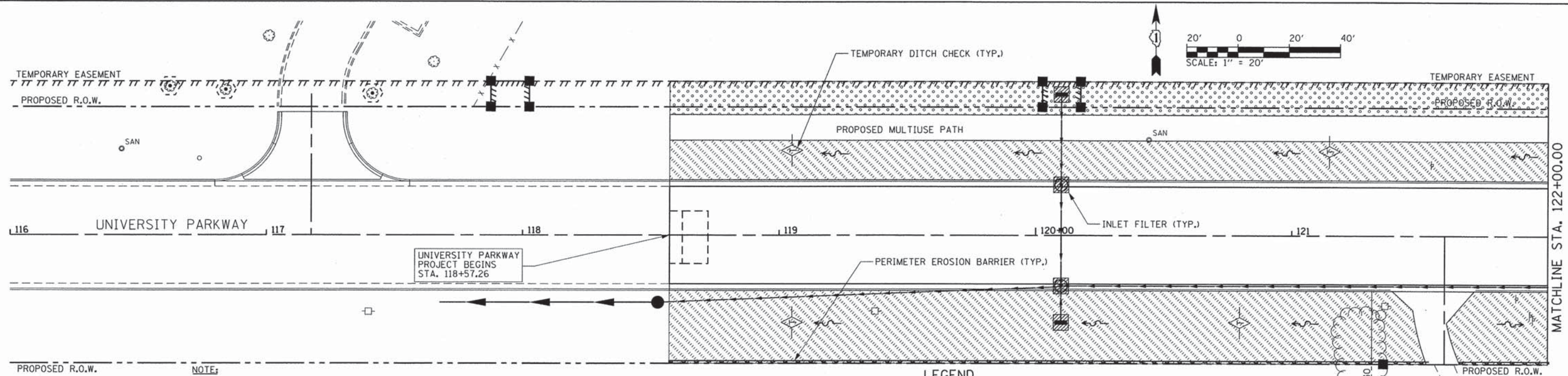
ROUTE: FAU 1637 MARKED: UNIVERSITY PARKWAY
SECTION: 96-0014-00-PV PROJECT NO.: M-CMM-4003(013)
COUNTY: WILL CONTRACT NO.: 63709

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE _____ DATE _____
NAME OF FIRM _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
PHONE NUMBER _____

NOTE: THE ABOVE BOXED IN AREA SHALL BE FILLED OUT BY THE CONTRACTOR AFTER THE AWARD OF THE CONTRACT TO OBTAIN THE REQUIRED NPDES PERMIT FROM IEPA. THIS IS A REQUIREMENT FOR THIS CONTRACT.

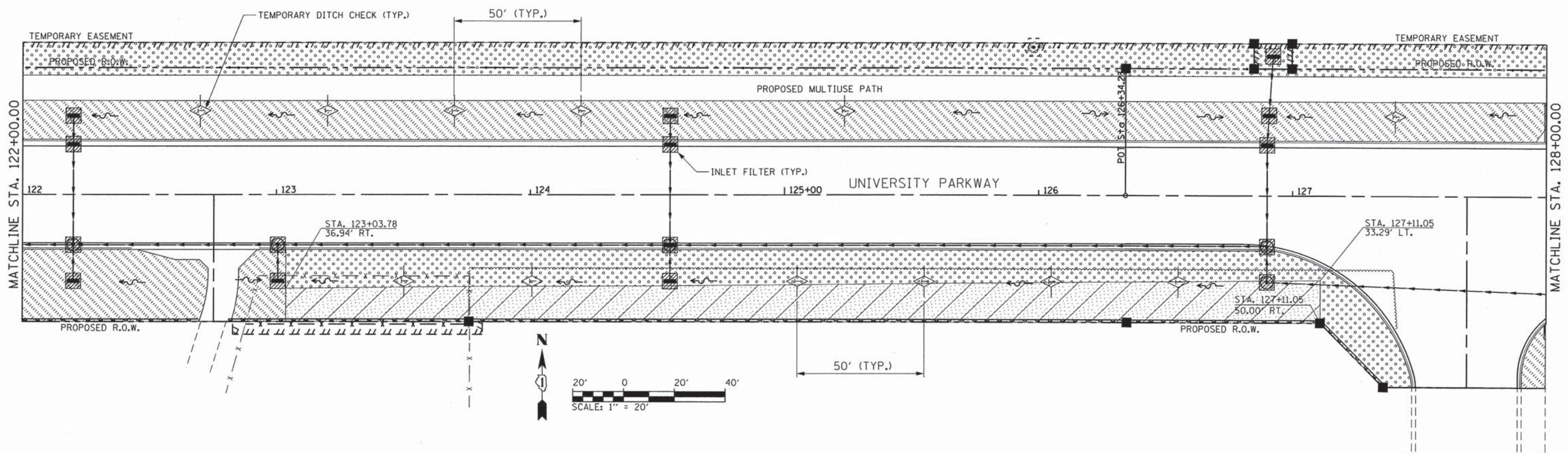
<p>CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613</p>	USER NAME = aodeh FILE NAME = erc_notes_1.dgn PLOT SCALE = 50.0000' / in. PLOT DATE = 12/26/2013	DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 12/26/2013	REVISED - REVISED - REVISED - REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>EROSION CONTROL GENERAL NOTES</p>			F.A.U. RTE. 1637 SECTION 96-0014-00-PV COUNTY WILL TOTAL SHEETS 112 SHEET NO. 67 CONTRACT NO. 63709
	SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT			



- NOTE:**
1. THE PROJECT WILL BE PERFORMED IN THE MULTIPLE STAGES (SEE MOT PLANS). PERMANENT LANDSCAPING SHALL BE COMPLETED WITHIN THE APPROPRIATE STAGE PRIOR TO STARTING WORK IN ANOTHER STAGE.
 2. EROSION CONTROL METHODS SHALL BE INSTALLED AS SHOWN ON THE PLANS, STANDARD DRAWINGS, AND/OR AS DIRECTED BY THE ENGINEER.
 3. ALL AREAS TO BE SEEDED WITH CLASS 4 SEED AND/OR CLASS 4 & 5B SEED SHALL BE PLACED IN CONJUNCTION WITH COMPOST. THE COMPOST SHALL BE PAID FOR AS "COMPOST FURNISH AND PLACE, 4").

LEGEND

	INLET FILTERS		SEEDING CLASS 2A/EROSION CONTROL BLANKET		RIPRAP W/ SLURRY
	TEMPORARY DITCH CHECK		SEEDING CLASS 4/EROSION CONTROL BLANKET		TREE PROTECTION
	PERIMETER EROSION BARRIER		SEEDING CLASS 4 AND 5b/EROSION CONTROL BLANKET		SEEDING CLASS 4 / EROSION CONTROL BLANKET / COMPOST 4
	SODDING, SALT TOLERANT		FLOW ARROW		END SECTION PROTECTION
					TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED



DIRECTORY # FILEDIRS

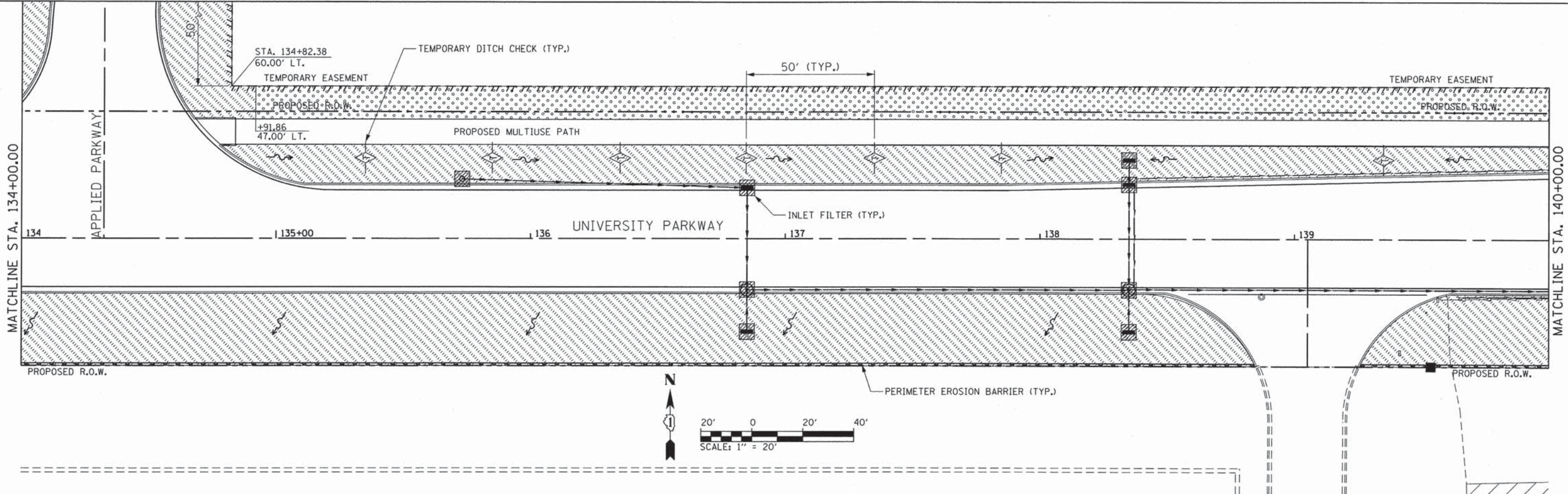
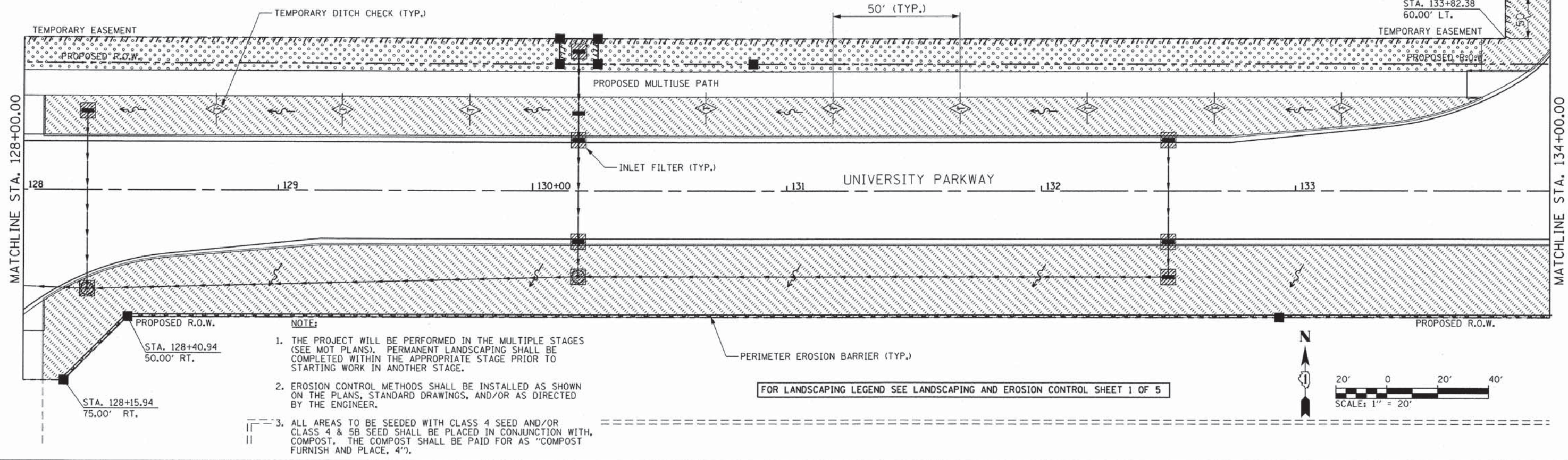
CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = eadeh	DESIGNED - AS	REVISED -
	FILE NAME: landscape_3.dgn	DRAWN - AS	REVISED -
	PLOT SCALE =	CHECKED - KDN	REVISED -
	PLOT DATE = #DATEIME#	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING AND EROSION CONTROL
UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 1 OF 5 SHEETS STA. 116+00 TO STA. 128+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 68
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



DIRECTORY # FILEDIR#

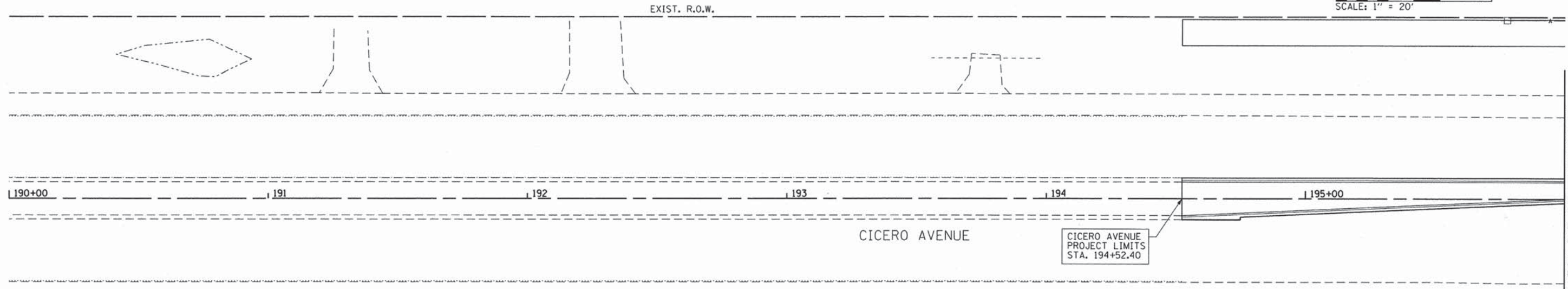
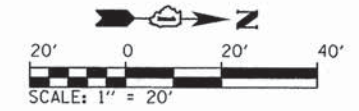
CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = aodeh	DESIGNED - AS	REVISED -
	FILE NAME: landscape_4.dgn	DRAWN - AS	REVISED -
	PLOT SCALE =	CHECKED - KDN	REVISED -
	PLOT DATE = #DATETIME#	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING AND EROSION CONTROL
UNIVERSITY PARKWAY

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. 128+00 TO STA. 144+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	69
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

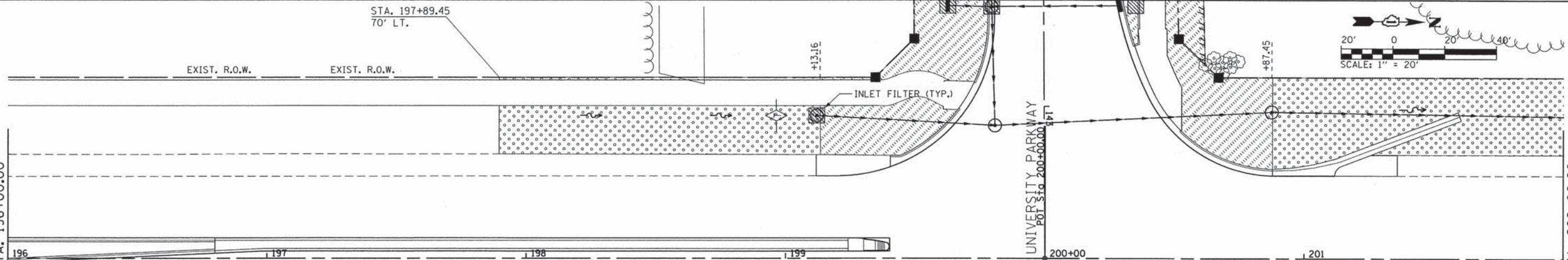


MATCHLINE STA. 196+00.00

NOTE:

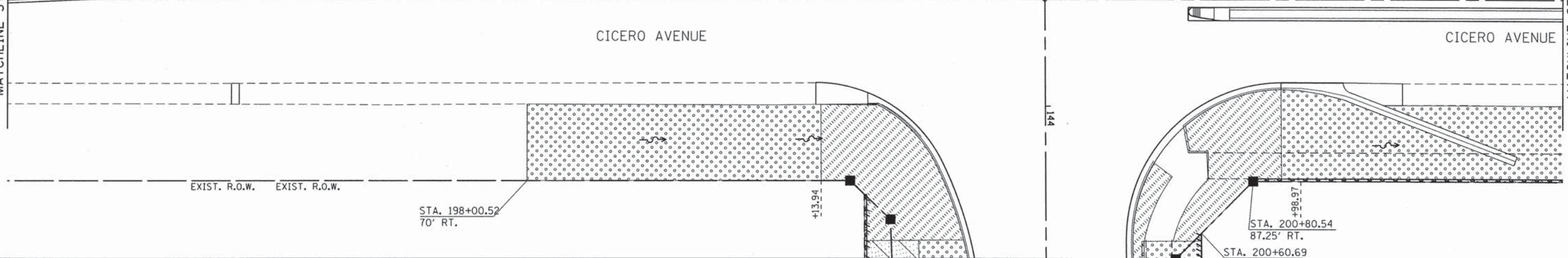
1. THE PROJECT WILL BE PERFORMED IN THE MULTIPLE STAGES (SEE MOT PLANS). PERMANENT LANDSCAPING SHALL BE COMPLETED WITHIN THE APPROPRIATE STAGE PRIOR TO STARTING WORK IN ANOTHER STAGE.
2. EROSION CONTROL METHODS SHALL BE INSTALLED AS SHOWN ON THE PLANS, STANDARD DRAWINGS, AND/OR AS DIRECTED BY THE ENGINEER.
3. ALL AREAS TO BE SEEDED WITH CLASS 4 SEED AND/OR CLASS 4 & 5B SEED SHALL BE PLACED IN CONJUNCTION WITH COMPOST. THE COMPOST SHALL BE PAID FOR AS "COMPOST FURNISH AND PLACE, 4".

FOR LANDSCAPING LEGEND SEE LANDSCAPING AND EROSION CONTROL SHEET 1 OF 5



MATCHLINE STA. 196+00.00

MATCHLINE STA. 202+00.00



DIRECTORY # FLEDIR#

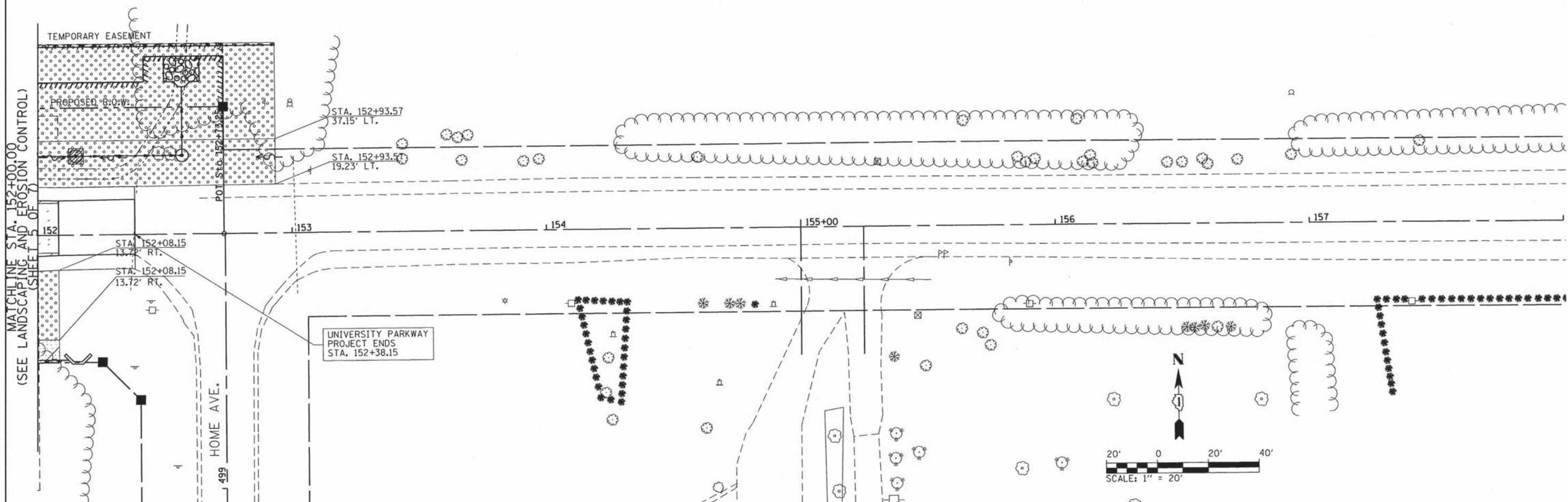
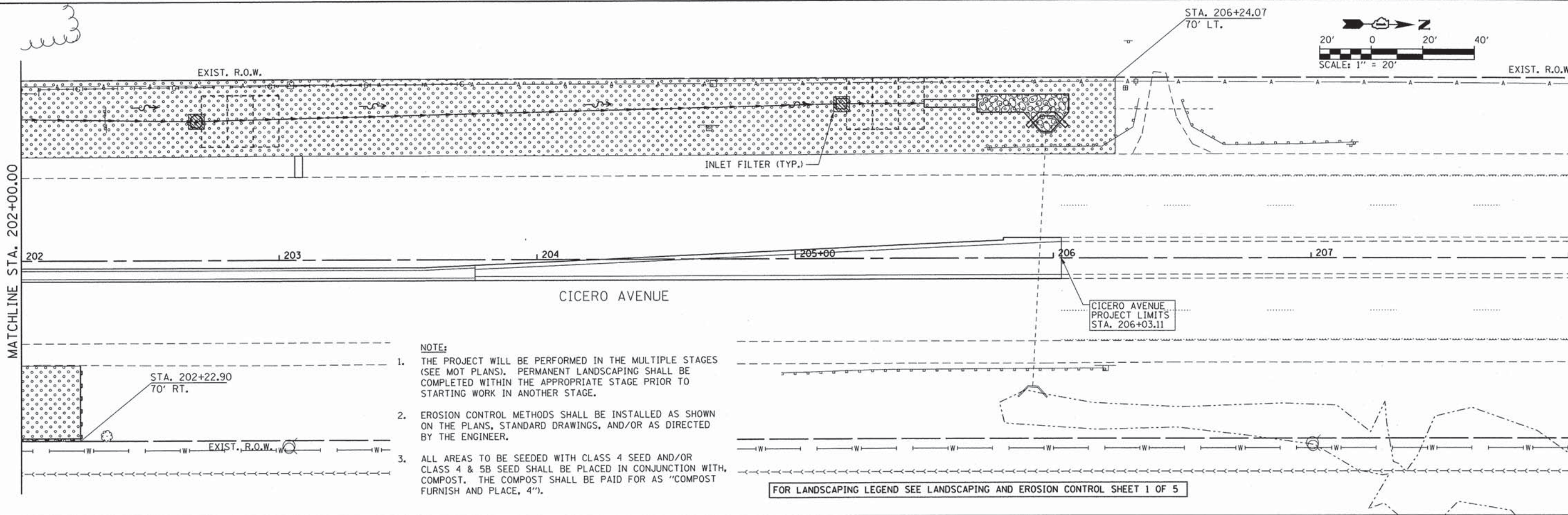
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = eadeh	DESIGNED - AS	REVISED -
FILE NAME: landscape_cicero_6.dgn	DRAWN - AS	REVISED -
PLOT SCALE =	CHECKED - KDN	REVISED -
PLOT DATE = #DATEIME#	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

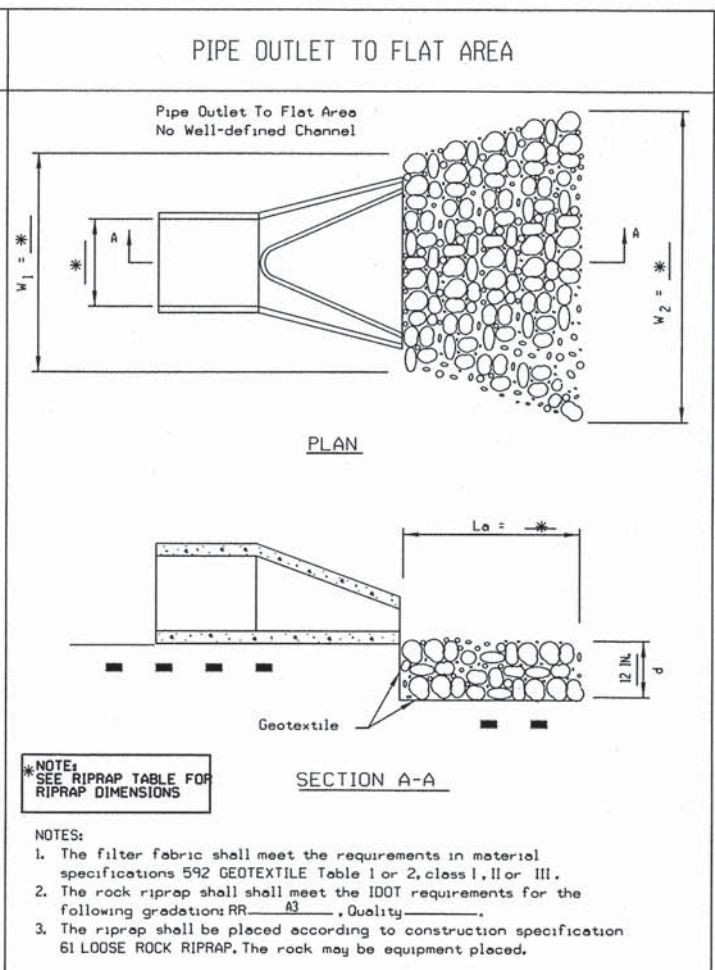
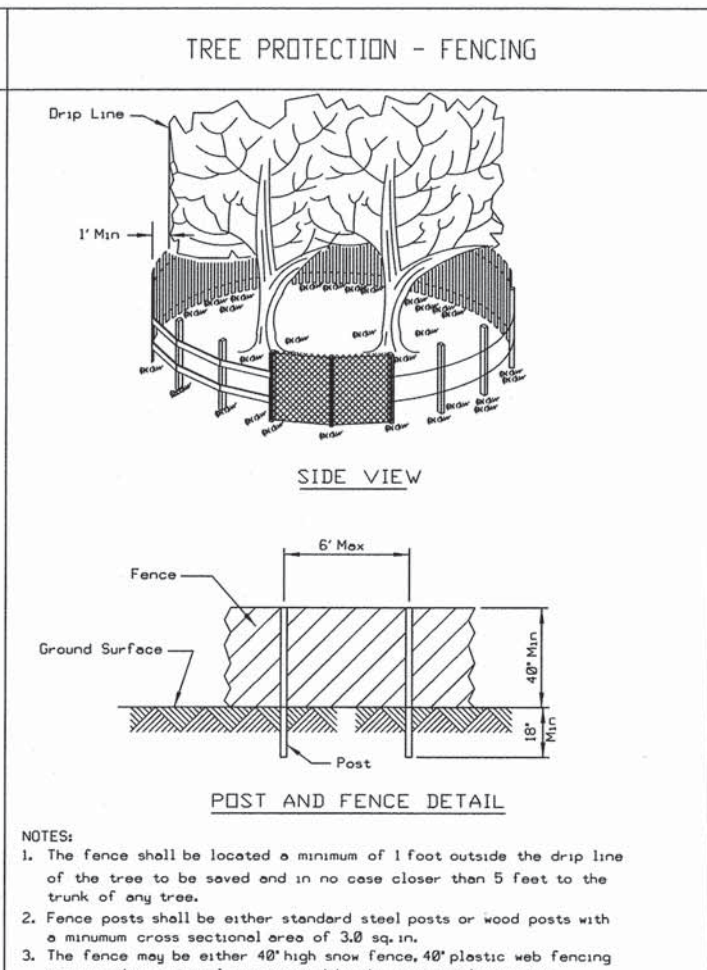
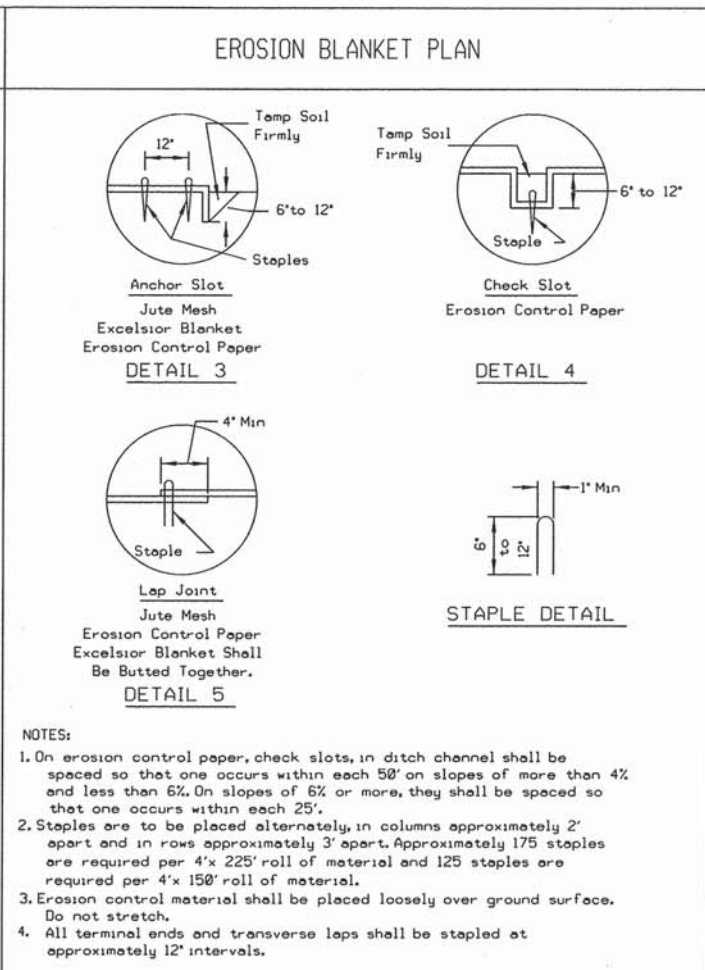
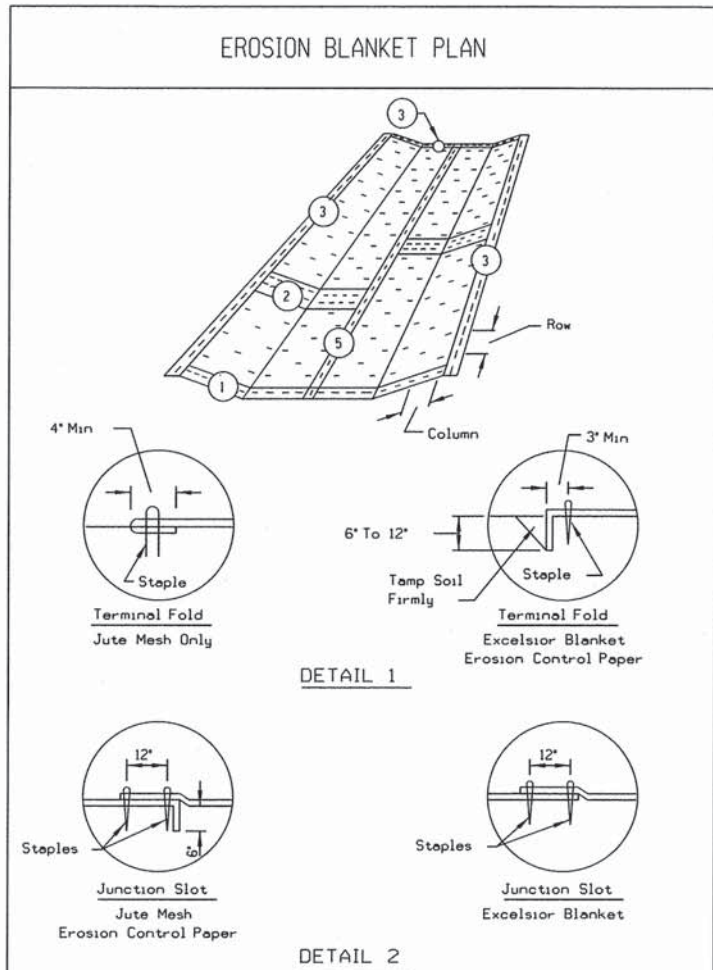
**LANDSCAPING AND EROSION CONTROL
 CICERO AVENUE**
 SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 194+52.40 TO STA. 202+00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 71
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = aodsh FILE NAME: landscape_cicero_7.dgn PLOT SCALE = PLOT DATE = #DATETIME#	DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 12/26/2013	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING AND EROSION CONTROL CICERO AVENUE / UNIVERSITY PARKWAY		F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 72	CONTRACT NO. 63709 ILLINOIS FED. AID PROJECT
	SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. 202+00 TO STA. 206+03.11											

DIRECTORY # #FILEDIR#
 ©Copyright Cmt, Inc.



REFERENCE: Project _____ Date _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____

NRCS
 Natural Resources Conservation Service

STANDARD DWG. NO. IL-530
 SHEET 1 OF 2
 DATE 5-24-94

REFERENCE: Project _____ Date _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____

NRCS
 Natural Resources Conservation Service

STANDARD DWG. NO. IL-530
 SHEET 2 OF 2
 DATE 3-1-95

REFERENCE: Project _____ Date _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____

NRCS
 Natural Resources Conservation Service

STANDARD DWG. NO. IL-690
 SHEET 1 OF 1
 DATE 4-7-94

REFERENCE: Project _____ Date _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____

NRCS
 Natural Resources Conservation Service

STANDARD DWG. NO. IL-610
 SHEET 1 OF 1
 DATE 9-15-93

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY.	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING				A		▶		A		▶		
DORMANT SEEDING	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TEMPORARY SEEDING	B											▶
SODDING						▶						▶
MULCHING	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

A. SEEDING CLASS 2A (SEE IDOT STD. SPEC. ART. 250.07 FOR SEEDING MIXTURE)

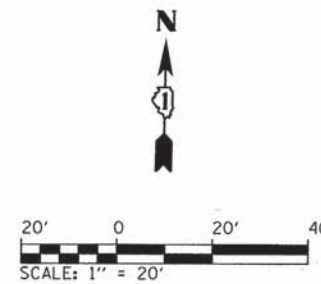
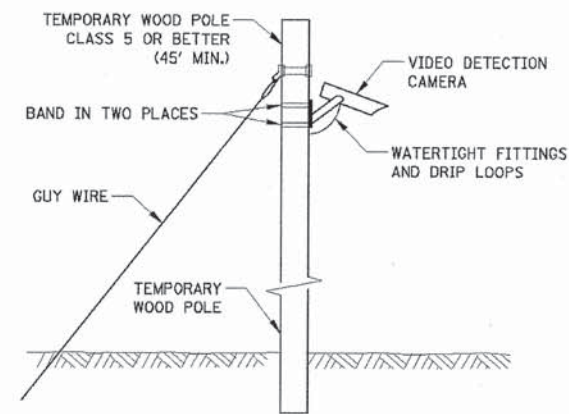
B. TEMPORARY SEEDING (SEE IDOT STD. SPEC. ART. 280.04 f.)

RIPRAP LAYOUT TABLE

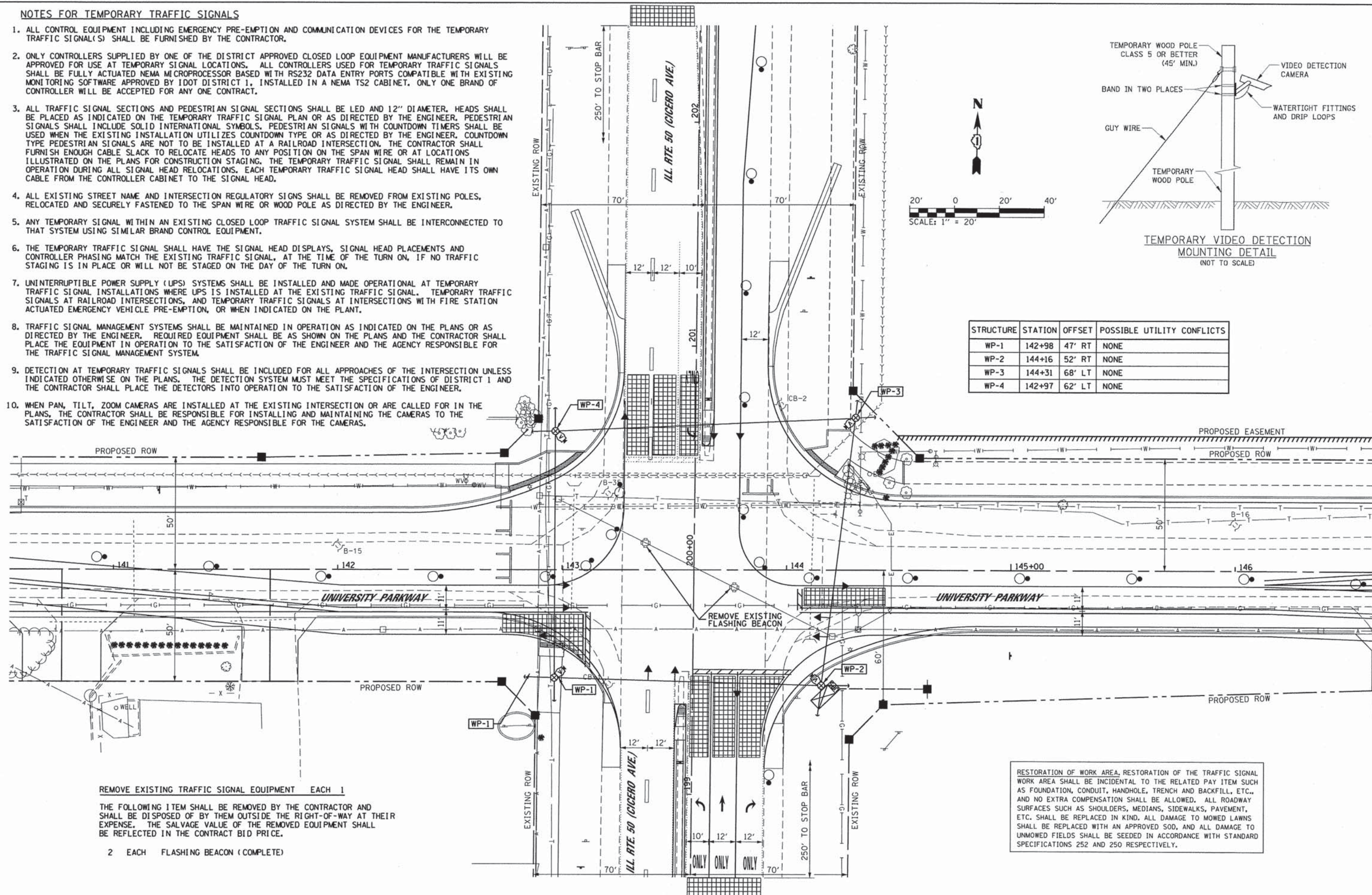
STRUCTURE LOC.	W1 (FT)	W2 (FT)	LA (FT)
STA. 152+00.00, LT.	14	14	10
STA. 202+00.00, LT.	35	35	9

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL. TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLAN.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.



STRUCTURE	STATION	OFFSET	POSSIBLE UTILITY CONFLICTS
WP-1	142+98	47' RT	NONE
WP-2	144+16	52' RT	NONE
WP-3	144+31	68' LT	NONE
WP-4	142+97	62' LT	NONE

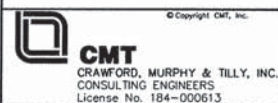


REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH 1

THE FOLLOWING ITEM SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

2 EACH FLASHING BEACON (COMPLETE)

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



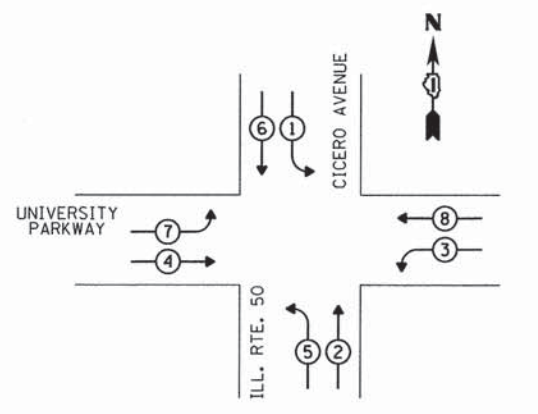
USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME = ts_07_cicero_temp.plandgn	DRAWN - AS	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

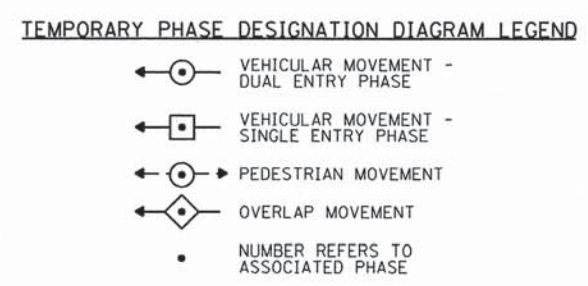
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING
FLASHER PLAN - ILL. RTE. 50 (CICERO AVE.) AND UNIVERSITY PARKWAY**

SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. TO STA.

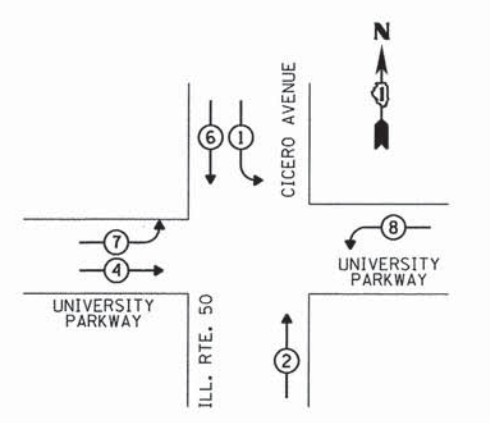
F.A.J. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 74
CONTRACT NO. 63709			ILLINOIS FED. AID PROJECT	



TEMPORARY PHASE DESIGNATION DIAGRAM
STAGE 1A, 1B & 2B

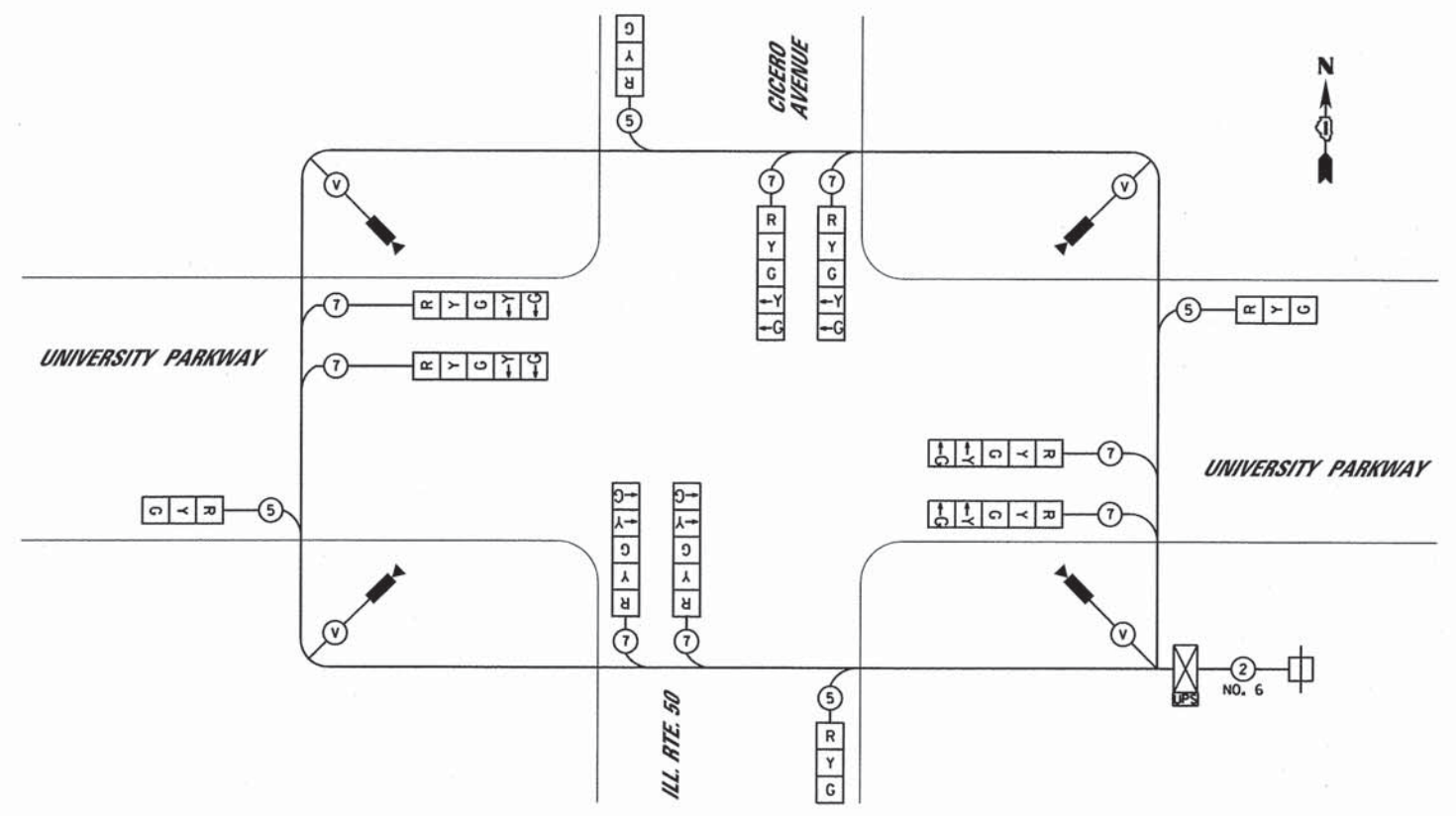


RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND, ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

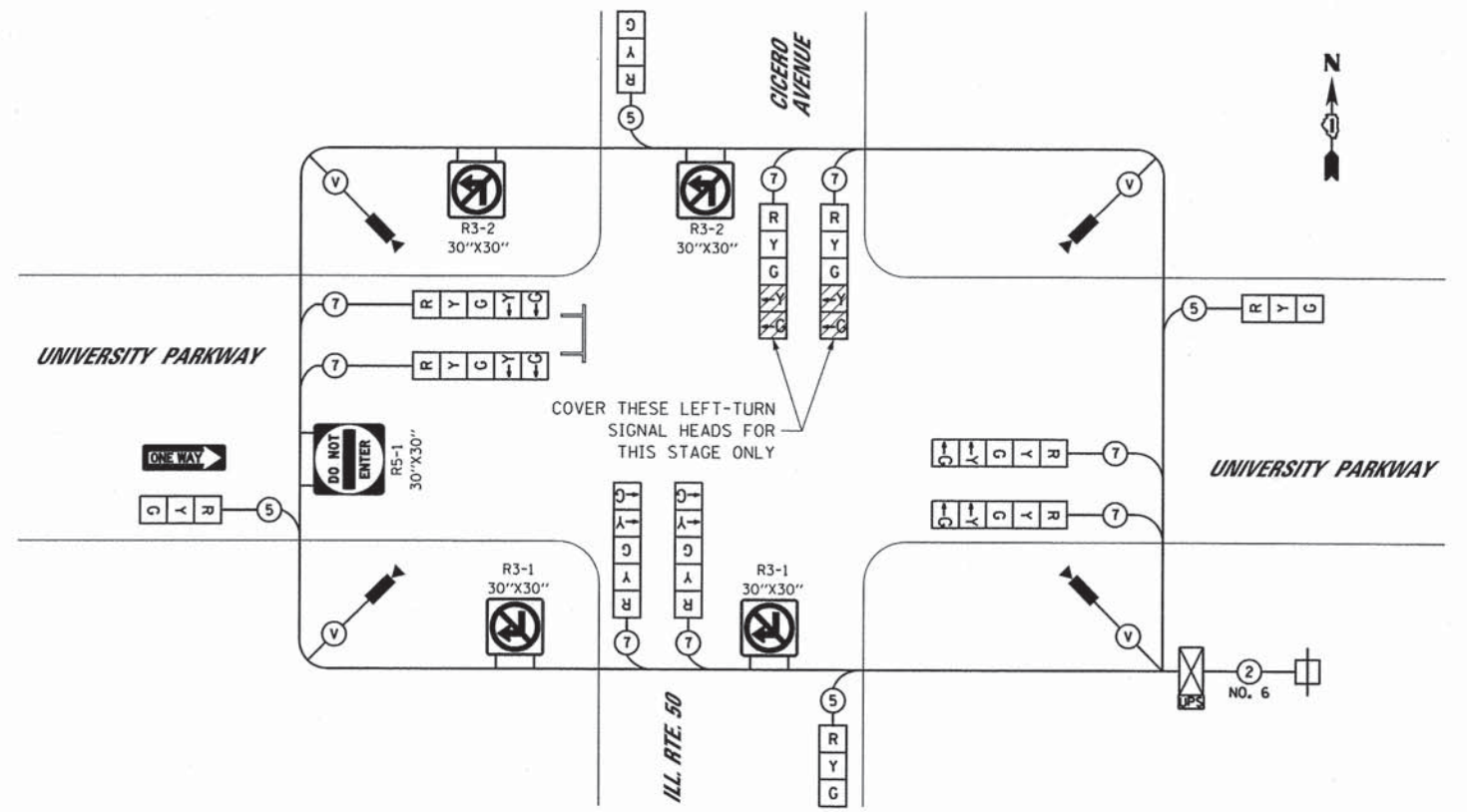


TEMPORARY PHASE DESIGNATION DIAGRAM
STAGE 2A

NOTE: WESTBOUND UNIVERSITY PARKWAY CLOSED AT CICERO AVENUE.
SEE MOT PLANS FOR TEMPORARY ROAD CLOSURE SIGNAGE.



TEMPORARY CABLE PLAN
STAGE 1A, 1B & 2B

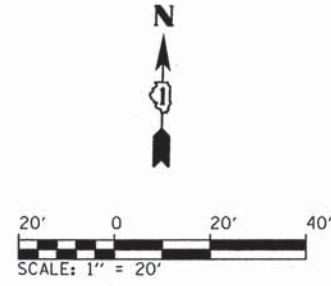


TEMPORARY CABLE PLAN
STAGE 2A

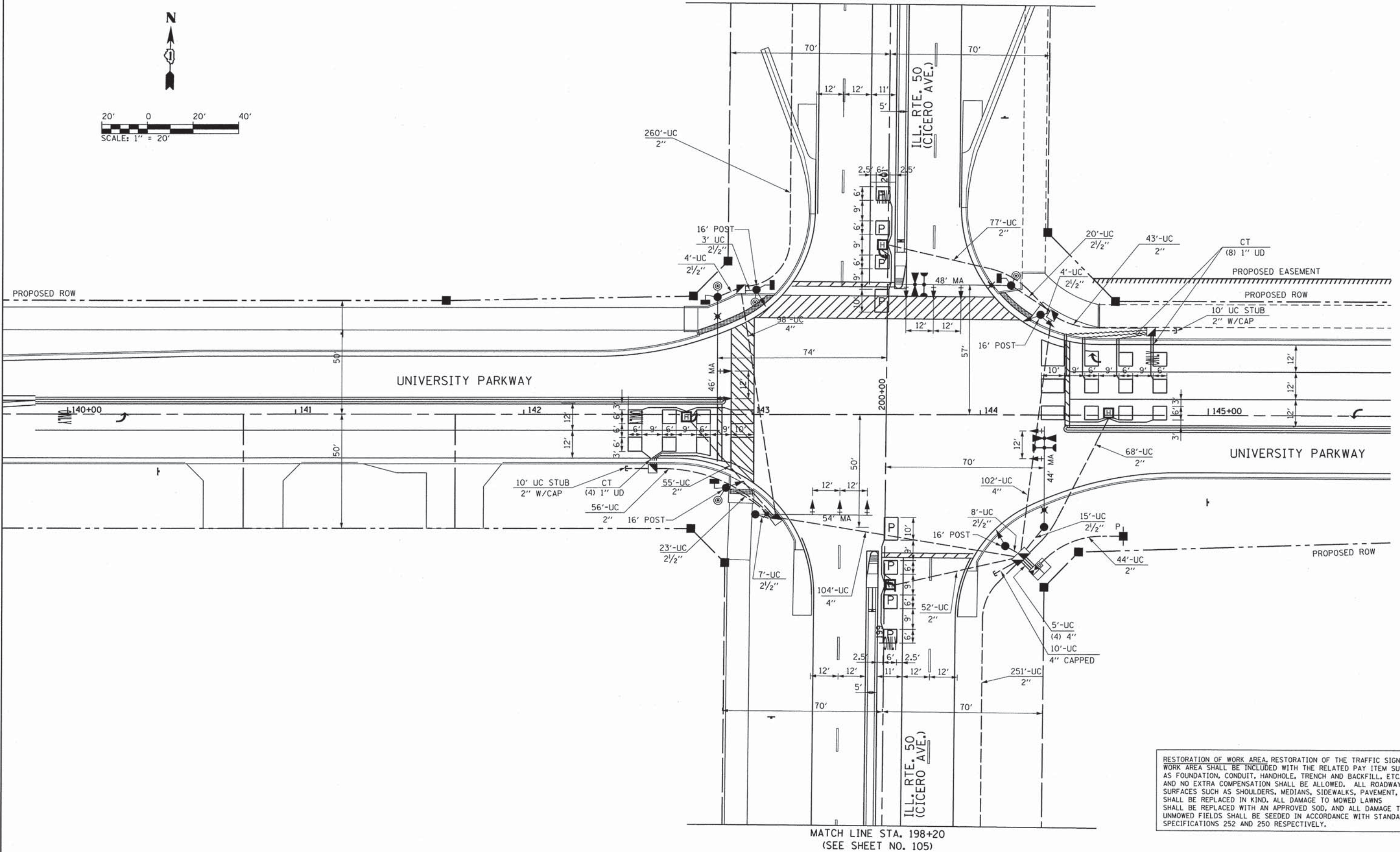
I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND	LED	% OPERATION	
SIGNAL (RED)	12		17	0.50	102.00
(YELLOW)	12		25	0.25	75.00
(GREEN)	12		15	0.25	45.00
ARROW	16		12	0.10	19.20
PED. SIGNAL	-		25	1.00	-
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	1	150	-	1.00	150.00
FLASHER				0.50	
TOTAL =					491.20

ENERGY COST TO: Illinois Department of Transportation
Division of Highways / District 1
201 W Center Court/Schaumburg, Illinois 60196-1096
ENERGY SUPPLY: CONTACT: Mr. Denette Price
PHONE: 708-235-2482
COMPANY: ComEd, University Park, IL

8/15/12/24/2013

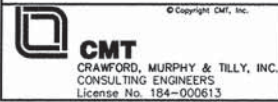


MATCH LINE STA. 201+80
(SEE SHEET 105)



MATCH LINE STA. 198+20
(SEE SHEET NO. 105)

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED WITH THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, SHALL BE REPLACED IN KIND, ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



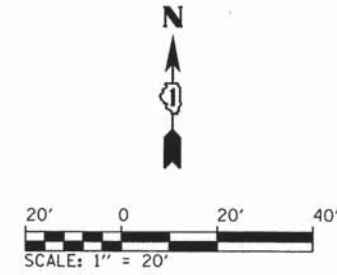
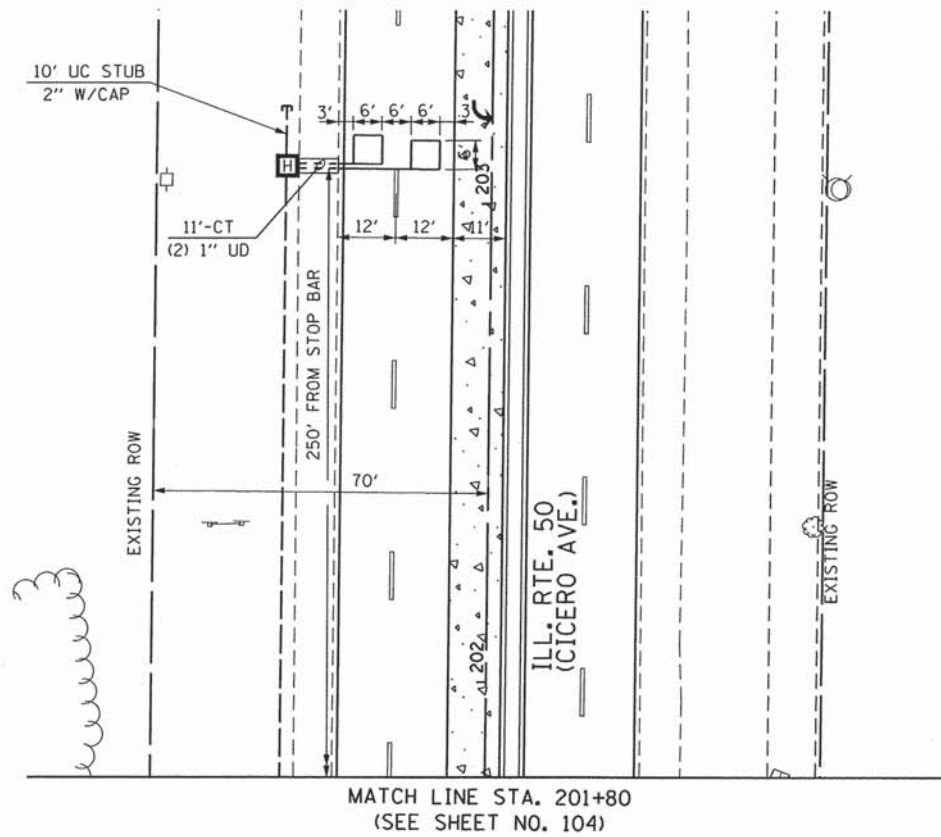
USER NAME = aadeh	DESIGNED - AS	REVISED -
FILE NAME = ts_09_cicero_plan_1.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

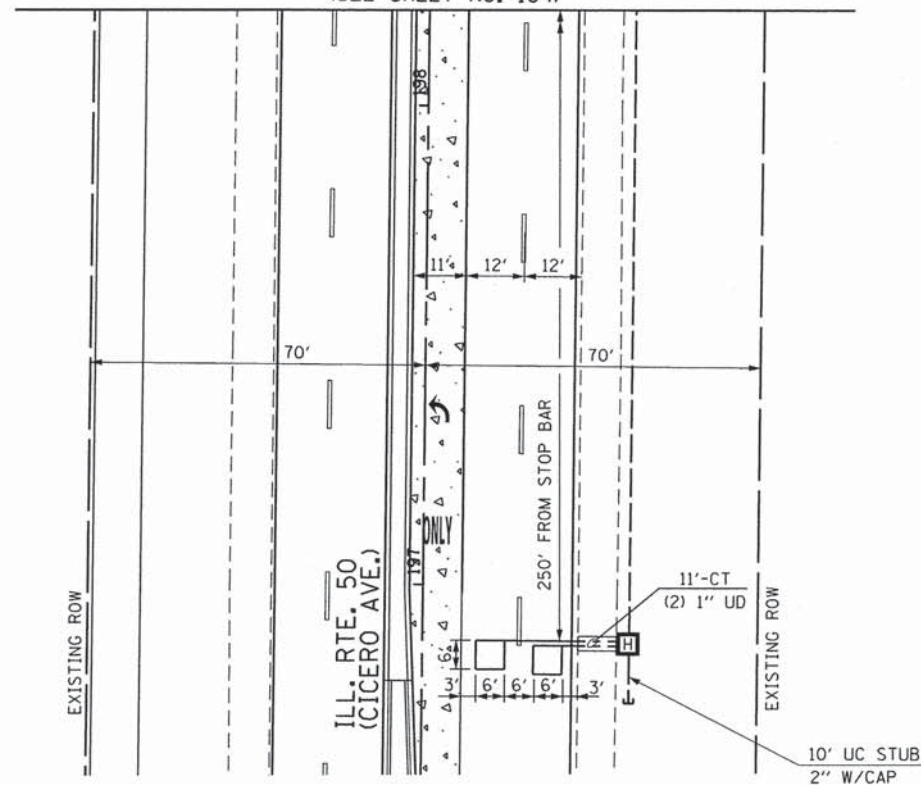
**TRAFFIC SIGNAL INSTALLATION PLAN
ILL. RTE. 50 (CICERO AVE.) AND UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. TO STA.

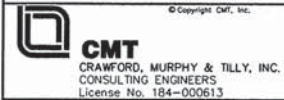
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	76
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 198+20
(SEE SHEET NO. 104)



RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED WITH THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



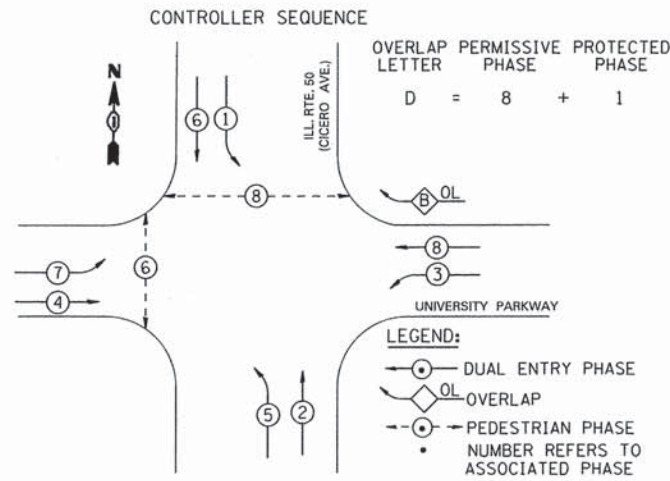
USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME: ts_10_cicero_plan_2.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / 1" =	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

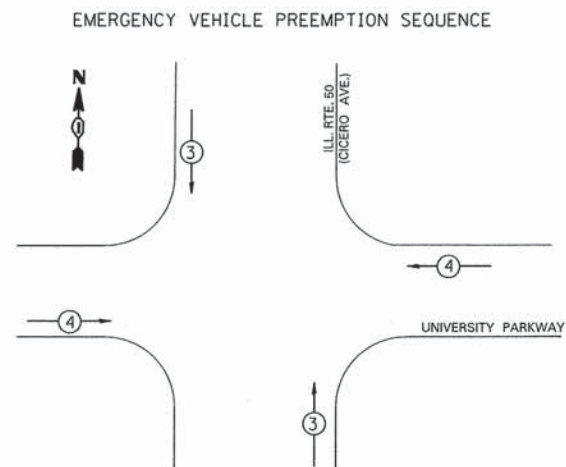
TRAFFIC SIGNAL INSTALLATION PLAN
ILL. RTE. 50 (CICERO AVE.) AND UNIVERSITY PARKWAY

SCALE: 1"=20' SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	77
				CONTRACT NO. 63709
ILLINOIS FED. AID PROJECT				



PHASE DESIGNATION DIAGRAM



PROPOSED EMERGENCY VEHICLE PREEMPTORS

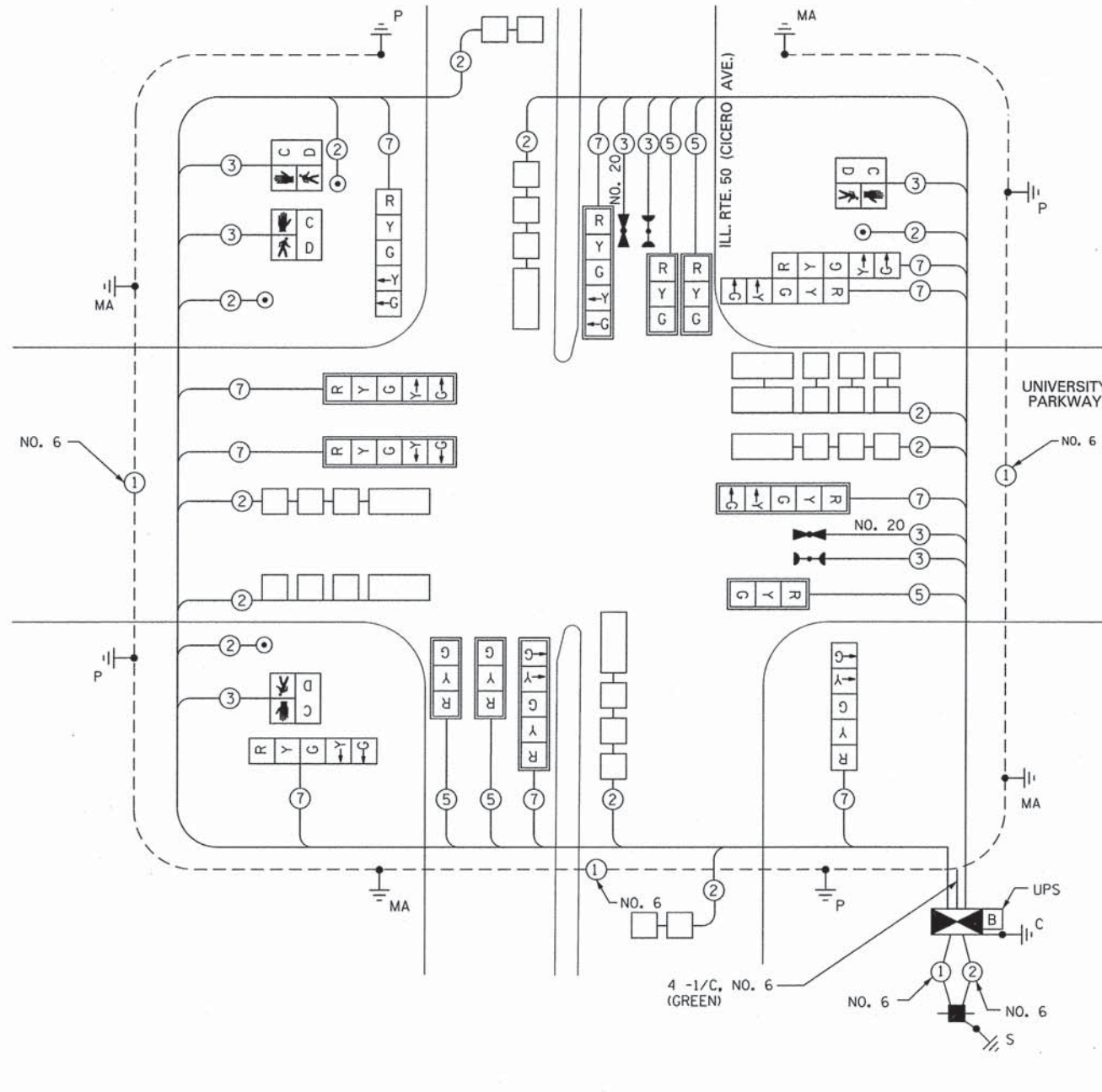
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	→ ←

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE INCAND	WATTAGE LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	15	135	17	0.50	127.5
(YELLOW)	15	135	25	0.25	93.75
(GREEN)	15	135	15	0.25	56.25
ARROW	20	135	12	0.10	24.0
PED. SIGNAL	4	90	25	1.00	100.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN		84	35	0.05	-
FLASHER		135	25		
TOTAL =					501.5

ENERGY COST TO: Illinois Department of Transportation
Division of Highways / District 1
201 W Center Court/Schaumburg, Illinois 60196-1096

ENERGY SUPPLY: CONTACT: Mr. Denette Price
PHONE: 708-235-2482
COMPANY: ComEd, University Park, IL

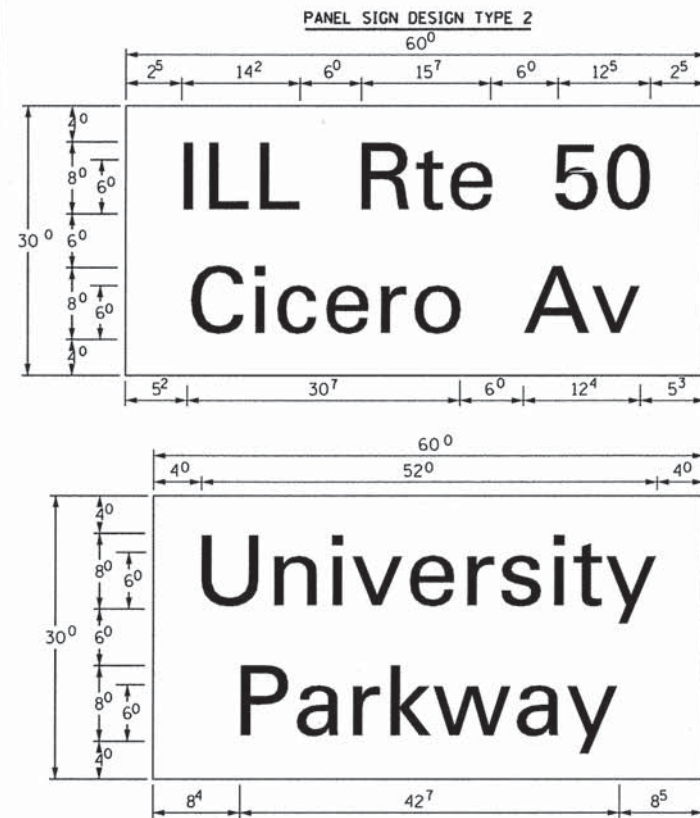


RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL QUANTITY
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1434
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	126
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	357
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	6
DOUBLE HANDHOLE	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
TRANSCIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	821
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3/C	FOOT	1154
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5/C	FOOT	870
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7/C	FOOT	1930
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	305
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1901
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2/C	FOOT	72
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	477
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE D	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	10
INDUCTIVE LOOP DETECTOR	EACH	9
DETECTOR LOOP, TYPE I	FOOT	825
PREFORMED DETECTOR LOOP	FOOT	302
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	4
REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

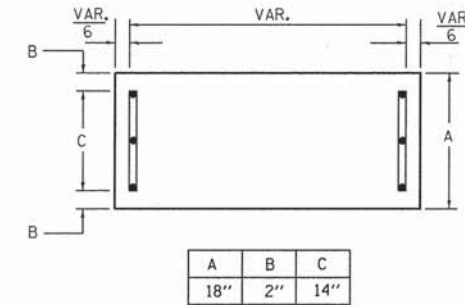
FILE# 12/24/2013



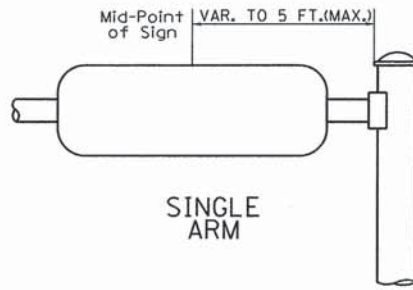
12.5 Sq. Ft. each
2 Required
Design Series D

12.5 Sq. Ft. each
2 Required
Design Series D

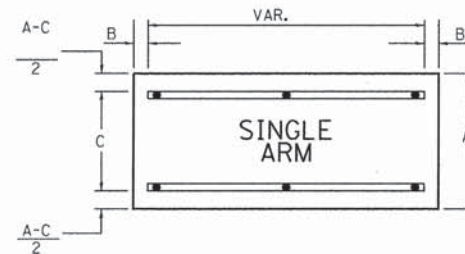
SUPPORTING CHANNELS



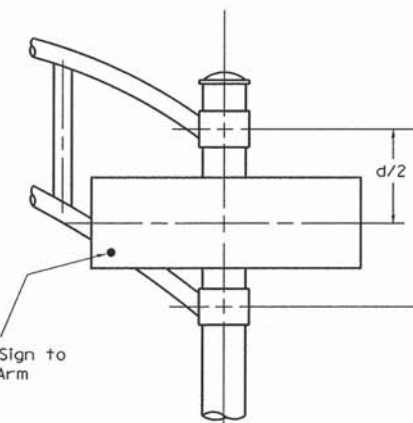
A	B	C
18"	2"	14"



SUPPORTING CHANNELS



A	B	C
18"	2"	12"
30"	2"	22"



DUAL ARM

SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM
Should be used. See Note #5.

Upper Case To Lower Case Spacing Chart 8-6 Inch Series "C & D"

EXAMPLE, 2³ DENOTES $\frac{3}{8}$

SERIES	SECOND LETTER															
	a c d e		b h i k l		f w		j		s t		v y		x		z	
	g o q	m n p r u														
A W X	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ²	1 ²	1 ⁴
B	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁶	1 ⁷
C E G	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵
D O O R	1 ⁴	1 ⁵	2 ⁰	2 ¹	1 ⁴	1 ⁵	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵
F	0 ⁵	0 ⁶	1 ⁴	1 ⁵	0 ⁶	1 ⁰	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²
H I M N	2 ⁰	2 ¹	2 ²	2 ⁴	2 ⁰	2 ¹	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹	2 ⁰	2 ¹
J U	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹
K L	1 ¹	1 ²	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴
P	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁴	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴
S	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴
T	1 ¹	1 ²	1 ⁶	1 ⁷	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴
V	0 ⁶	1 ⁰	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴
Y	0 ⁵	0 ⁶	1 ⁴	1 ⁵	0 ⁶	1 ⁰	0 ⁵	0 ⁶	0 ⁵	0 ⁷	0 ⁵	0 ⁶	0 ⁶	1 ⁰	1 ¹	1 ²
Z	1 ⁶	1 ⁷	2 ²	2 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁶	1 ⁷	2 ⁰	2 ¹

Lower Case To Lower Case Spacing Chart 6 Inch Series "C & D"

SERIES	SECOND LETTER															
	a c d e		b h i k l		f w		j		s t		v y		x		z	
	g o q	m n p r u														
a d h g i j	1 ⁶	1 ⁷	2 ²	2 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁶	1 ⁷
l m n q u																
b f k o p s	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴
c e	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴	1 ²	1 ⁴
r	0 ⁶	1 ⁰	1 ²	1 ⁴	0 ⁶	1 ⁰	0 ³	0 ³	0 ⁵	0 ⁶	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰
t z	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ²	1 ⁴	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴	1 ²	1 ⁴
v y	1 ¹	1 ²	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁵	0 ⁶	0 ⁶	1 ⁰	0 ⁶	1 ⁰	1 ¹	1 ²	1 ¹	1 ²
w	1 ¹	1 ²	1 ⁴	1 ⁵	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴
x	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ¹	1 ²	0 ⁵	0 ⁶	1 ¹	1 ²	1 ¹	1 ²	1 ¹	1 ²	1 ²	1 ⁴

Number To Number Spacing Chart 8 Inch Series "C & D"

SERIES	SECOND NUMBER																				
	0		1		2		3		4		5		6		7		8		9		
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	
0 9	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁶	1 ⁷	
1	2 ⁰	2 ¹	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁶	1 ⁷	1 ⁴	1 ⁵	2 ⁰	2 ¹	2 ⁰	2 ¹	1 ⁴	1 ⁵	2 ⁰	2 ¹	2 ⁰	2 ¹	
2 3 4	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵	
5	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵	
6	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ⁴	1 ⁵	
7	1 ²	1 ⁴	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁵	0 ⁵	0 ⁶	2 ¹	1 ⁴	1 ⁴	1 ⁵	1 ¹	1 ²	1 ⁴	1 ⁵	1 ²	1 ⁴
8	1 ⁶	1 ⁷	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ²	1 ⁴	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ²	1 ⁴	1 ⁶	1 ⁷	1 ⁴	1 ⁵	1 ⁴	1 ⁵	

LETTERS	UPPER AND LOWER CASE LETTER WIDTHS								
	6 INCH UPPER CASE LETTERS		8 INCH UPPER CASE LETTERS		6 INCH LOWER CASE LETTERS				
	C	D	C	D	C	D	C	D	
A	3 ⁶	5 ⁰	5 ⁰	6 ⁵	a	3 ⁵	4 ²		
B	3 ²	4 ⁰	4 ³	5 ³	b	3 ⁵	4 ²		
C	3 ²	4 ⁰	4 ³	5 ³	c	3 ⁵	4 ¹		
D	3 ²	4 ⁰	4 ³	5 ³	d	3 ⁵	4 ²		
E	3 ⁰	3 ⁵	4 ⁰	4 ⁷	e	3 ⁵	4 ²		
F	3 ⁰	3 ⁵	4 ⁰	4 ⁷	f	2 ³	2 ⁶		
G	3 ²	4 ⁰	4 ³	5 ³	g	3 ⁵	4 ²		
H	3 ²	4 ⁰	4 ³	5 ³	h	3 ⁵	4 ²		
I	0 ⁷	0 ⁷	1 ¹	1 ²	i	1 ¹	1 ¹		
J	3 ⁰	3 ⁶	4 ⁰	5 ⁰	j	2 ⁰	2 ²		
K	3 ²	4 ¹	4 ³	5 ⁴	k	3 ⁵	4 ²		
L	3 ⁰	3 ⁵	4 ⁰	4 ⁷	l	1 ¹	1 ¹		
M	3 ⁷	4 ⁵	5 ¹	6 ¹	m	6 ⁰	7 ⁰		
N	3 ²	4 ⁰	4 ³	5 ³	n	3 ⁵	4 ²		
O	3 ⁴	4 ²	4 ⁵	5 ⁵	o	3 ⁶	4 ³		
P	3 ²	4 ⁰	4 ³	5 ³	p	3 ⁵	4 ²		
Q	3 ⁴	4 ²	4 ⁵	5 ⁵	q	3 ⁵	4 ²		
R	3 ²	4 ⁰	4 ³	5 ³	r	2 ⁶	3 ²		
S	3 ²	4 ⁰	4 ³	5 ³	s	3 ⁶	4 ²		
T	3 ⁰	3 ⁵	4 ⁰	4 ⁷	t	2 ⁷	3 ²		
U	3 ²	4 ⁰	4 ³	5 ³	u	3 ⁵	4 ²		
V	3 ⁵	4 ⁴	4 ⁷	6 ⁰	v	4 ²	4 ⁷		
W	4 ⁴	5 ²	6 ⁰	7 ⁰	w	5 ⁵	6 ⁴		
X	3 ⁴	4 ⁰	4 ⁵	5 ³	x	4 ⁴	5 ¹		
Y	3 ⁶	5 ⁰	5 ⁰	6 ⁶	y	4 ⁶	5 ³		
Z	3 ²	4 ⁰	4 ³	5 ³	z	3 ⁶	4 ³		

NUMBER	6 INCH SERIES		8 INCH SERIES	
	C	D	C	D
1	1 ²	1 ⁴	1 ⁵	2 ⁰
2	3 ²	4 ⁰	4 ³	5 ³
3	3 ²	4 ⁰	4 ³	5 ³
4	3 ⁵	4 ³	4 ⁷	5 ⁷
5	3 ²	4 ⁰	4 ³	5 ³
6	3 ²	4 ⁰	4 ³	5 ³
7	3 ²	4 ⁰	4 ³	5 ³
8	3 ²	4 ⁰	4 ³	5 ³
9	3 ²	4 ⁰	4 ³	5 ³
0	3 ⁴	4 ²	4 ⁵	5 ⁵

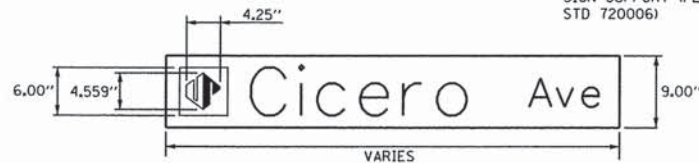
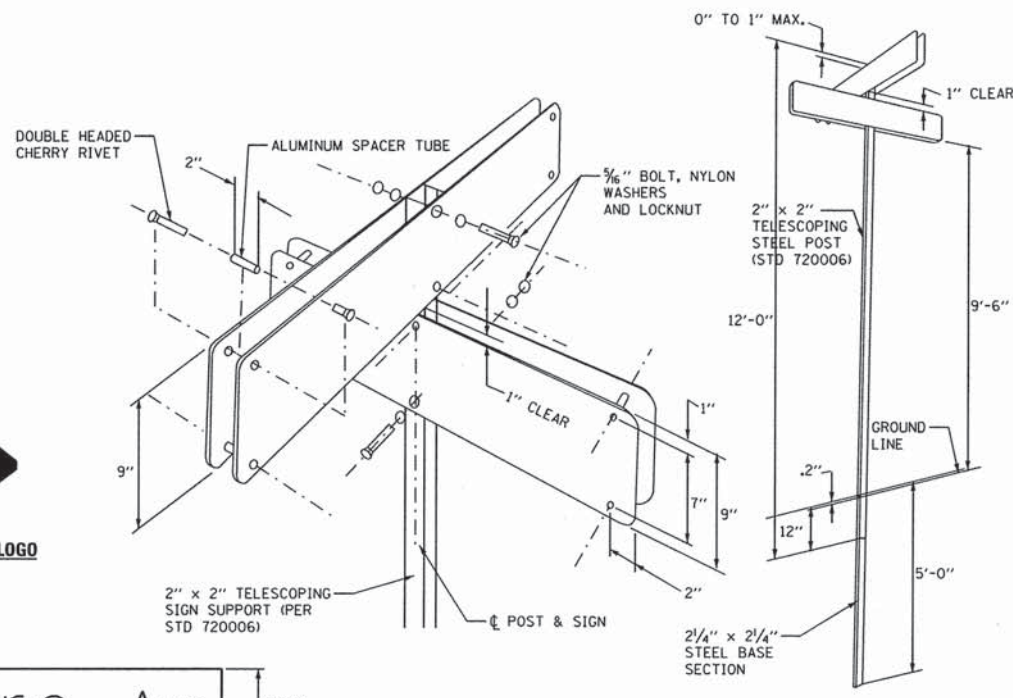
NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 834001, 834006 AND 834011, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 6'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.

CENTRAL AVE.

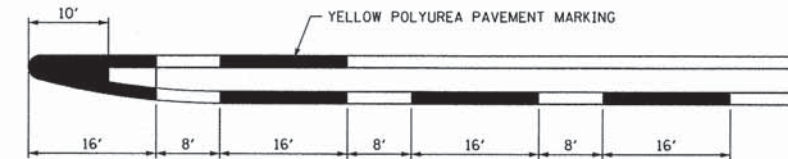
D3
VARIABLE SIZE
REQUIRED SIGNS:
UNIVERSITY PKWY.
CENTRAL AVE.
CICERO AVE.



SIGN DETAIL

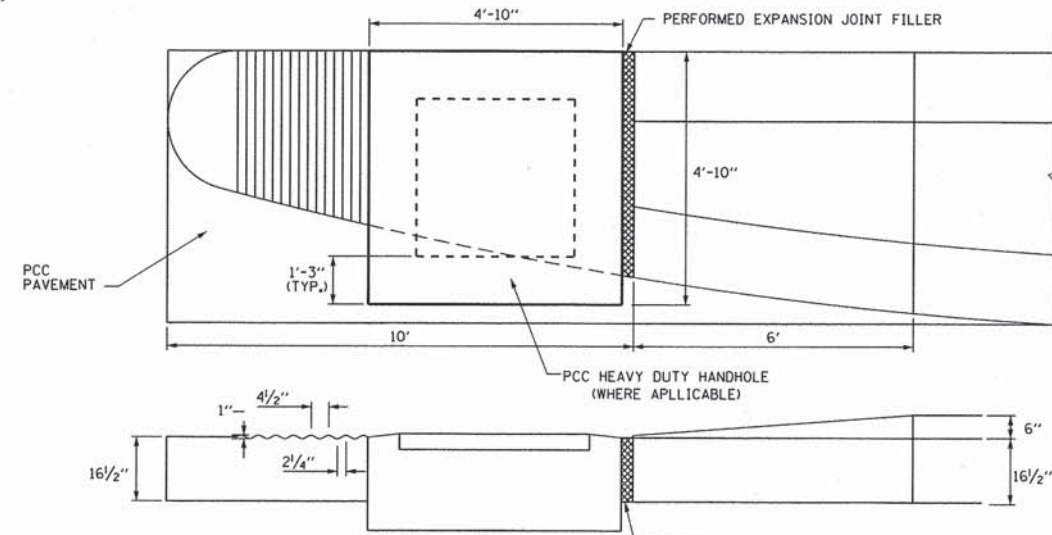
NOTE:
1. UNLESS OTHERWISE INDICATED, STREET NAME SIGNS SHALL MEET THE COLOR AND LETTERING SIZE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION.

INTERSECTION STREET NAME ASSEMBLY



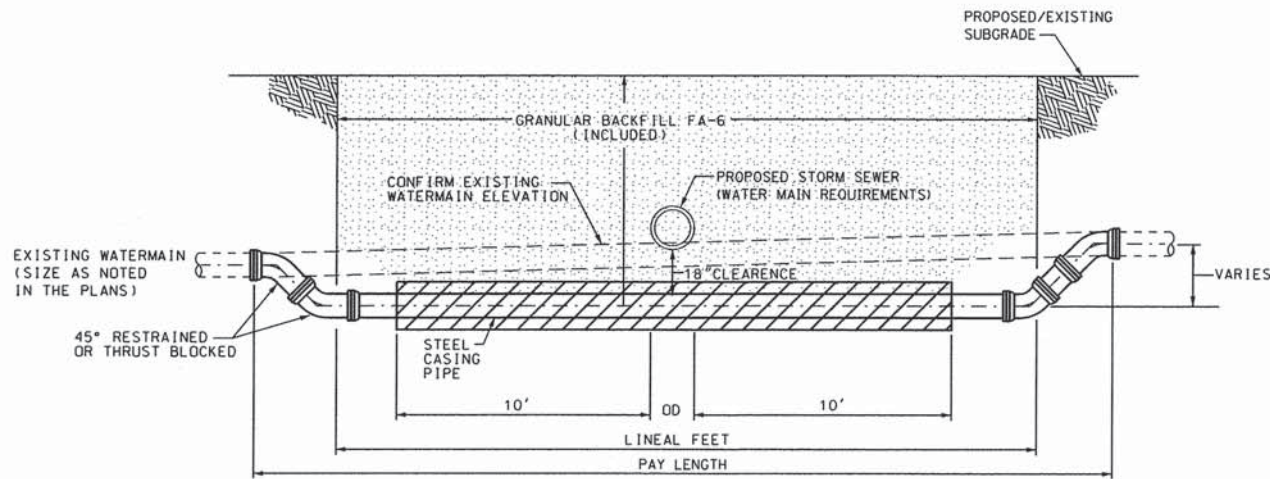
MEDIAN NOSE PAVEMENT MARKING DETAIL

NOTE: YELLOW POLYUREA PAVEMENT MARKING TO BE PAID FOR AS PAY ITEM: "78008300-POLYUREA PAVEMENT MARKING TYPE II-LETTER & SYMBOLS-SQ FT".



CICERO AVENUE MEDIAN NOSE DETAIL

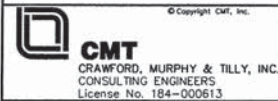
NOTE: SEE PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION ON MEDIANS



TYPICAL DETAIL

REMOVE AND RELOCATE WATERMAIN 16"

*18" CLEARANCE, 10' EACH SIDE PLUS SEWER O.D.

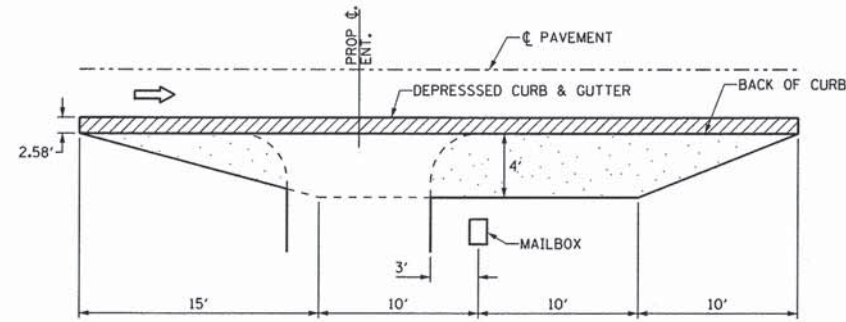


USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME: detail.01.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

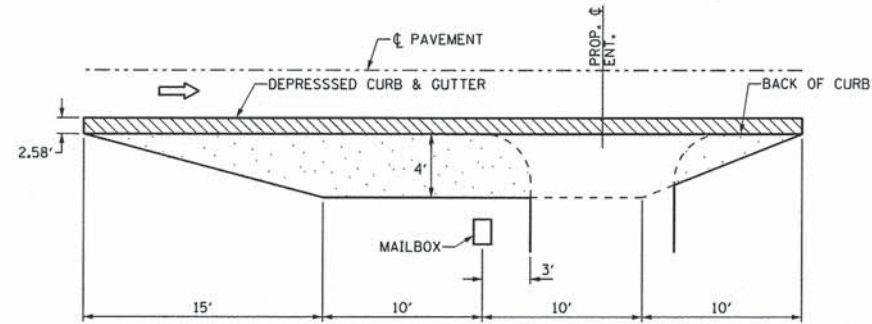
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAIL SHEET	
UNIVERSITY PARKWAY	
SCALE:	SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-0014-00-PV	WILL	112	80
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

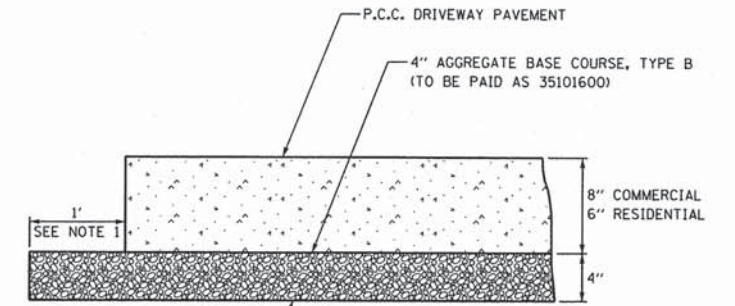


MAILBOX ON FAR SIDE OF ENTRANCE



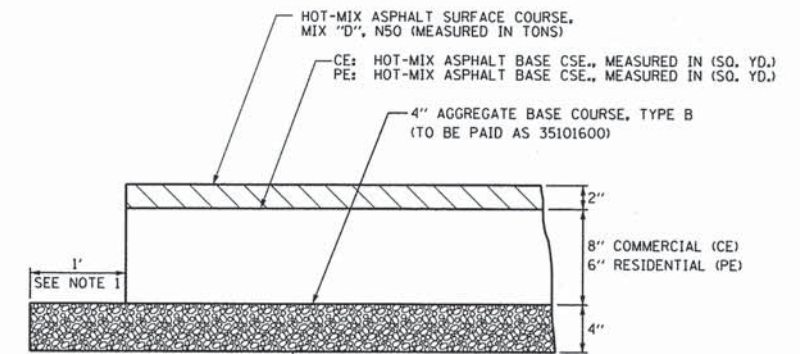
MAILBOX ON NEAR SIDE OF ENTRANCE

MAILBOX TURNOUTS



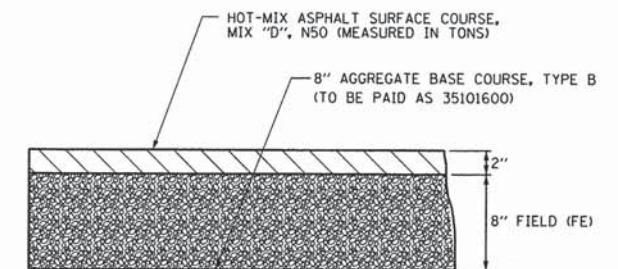
**SECTION A-A
COMMERCIAL/PRIVATE CONCRETE ENTRANCE**

NOTES
1. OUTER PERIMETER

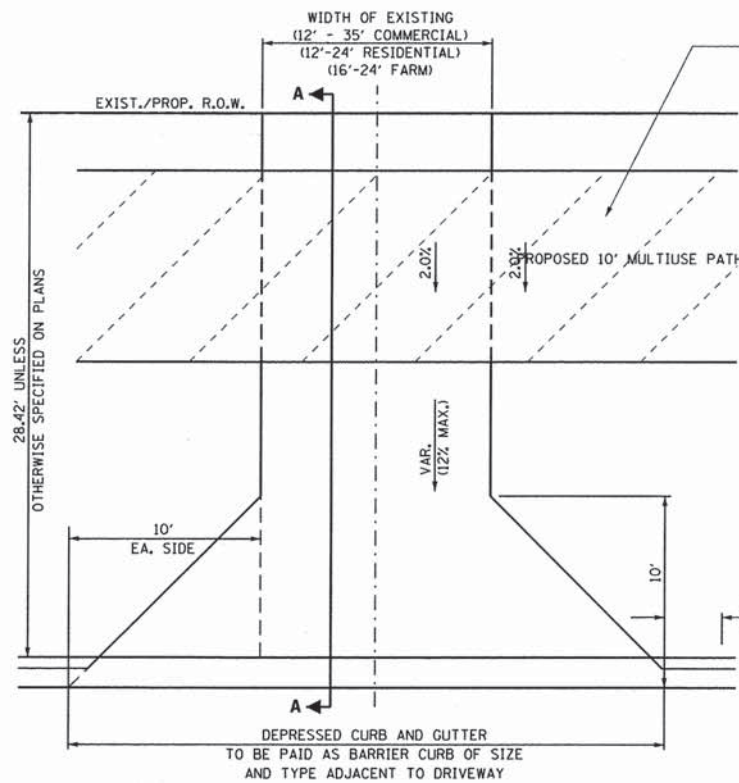


**SECTION A-A
COMMERCIAL/PRIVATE HOT-MIX ASPHALT ENTRANCE**

NOTES
1. OUTER PERIMETER

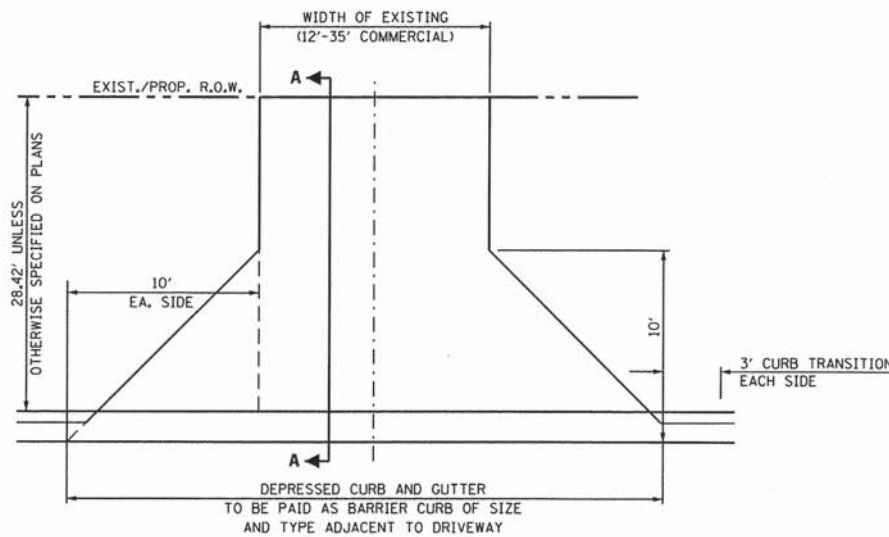


**SECTION A-A
FIELD HOT-MIX ASPHALT ENTRANCE**



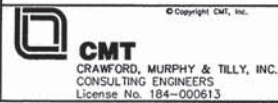
ENTRANCE DETAIL ADJACENT TO MULTIUSE PATH

WHEN THE MULTIUSE PATH OR P.C.C. SIDEWALK EXTENDS THROUGH THE ENTRANCE, THE MATERIAL AND THICKNESS OF THE MULTIUSE PATH IN THE ENTRANCE AREA SHALL BE THE SAME AS THE ENTRANCE MATERIAL AND THICKNESS. MULTIUSE PATH WILL NOT PAID THROUGH THE ENTRANCE. THE MULTIUSE PATH CROSS SLOPE SHALL BE MAINTAINED THROUGH THE ENTRANCE (2%).



ENTRANCE DETAIL

FILES 12/24/2013

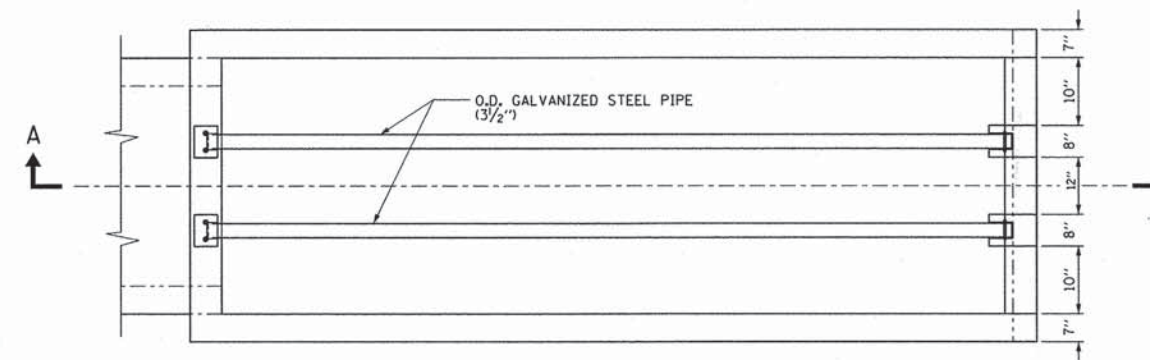
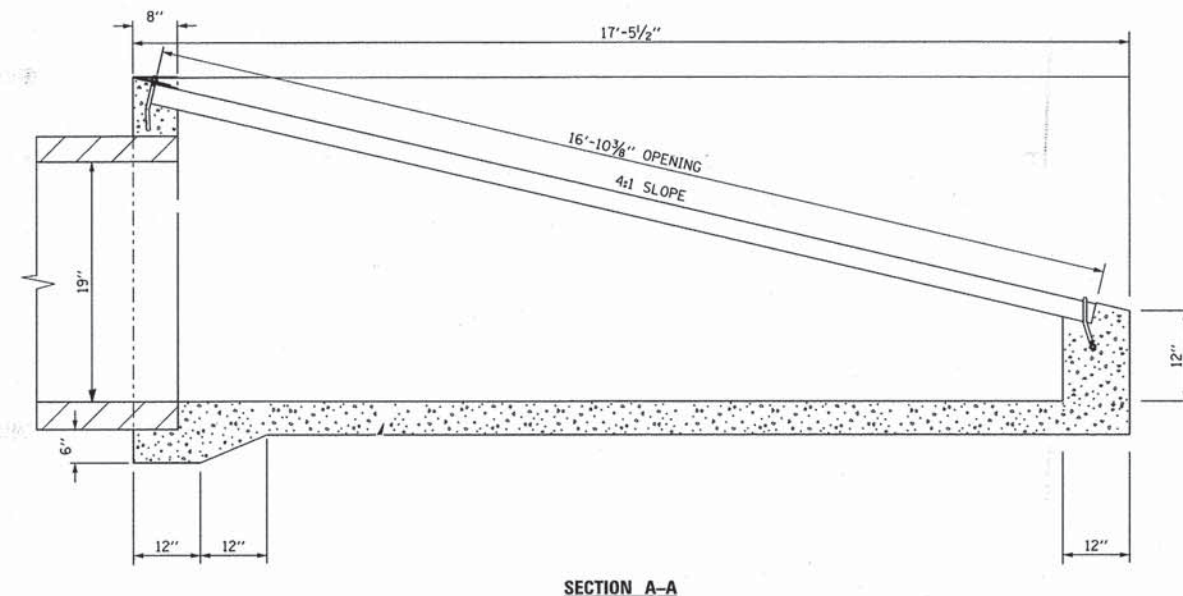


USER NAME = eodeh	DESIGNED - AS	REVISED -
FILE NAME: detail_02.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000 1/16"	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

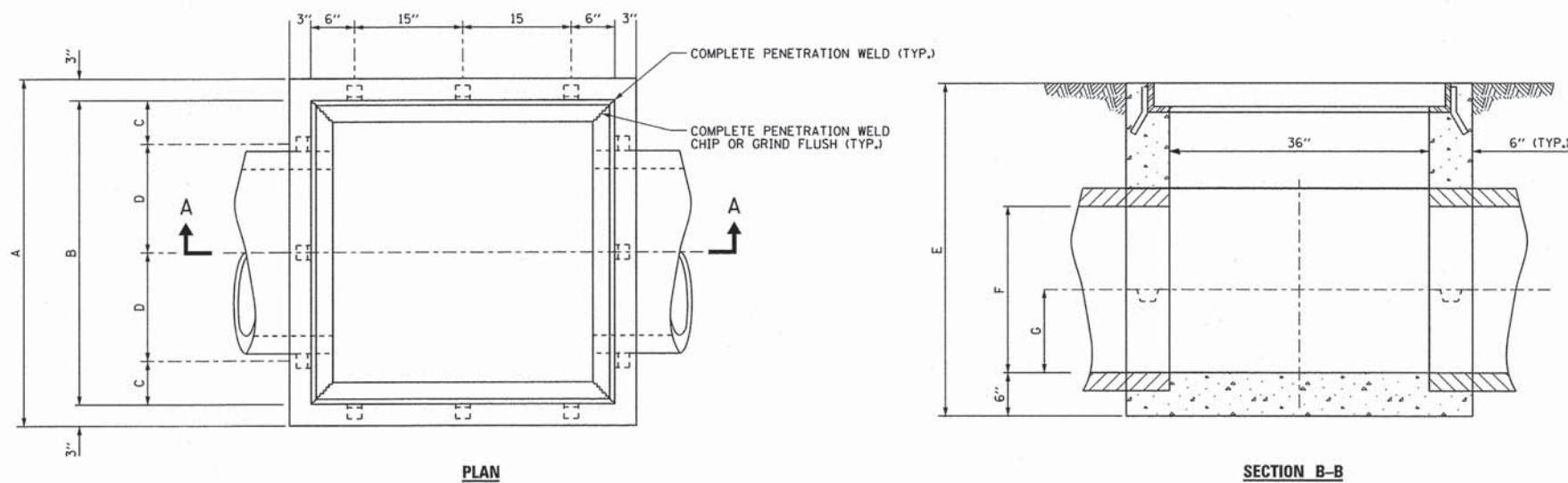
DETAIL SHEET	
UNIVERSITY PARKWAY	
SCALE:	SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	81
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



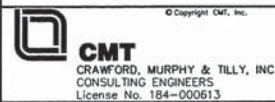
SLOPE BOX DETAIL - STRUCTURE NO. 89C
 STA. 205+50
 CICERO AVENUE

LOCATION	NOMINAL DIA. FOR PIPE	DIMENSIONS						
		A	B	C	D	E	F	G
UNIVERSITY PKWY. 120+10, 55' LT	24"	54"	48"	6"	18"	VAR.	12"	42"
UNIVERSITY PKWY. 126+92, 55' LT	15"	43 1/2"	37 1/2"	6"	12 3/4"	VAR.	7 1/2"	31 1/2"
UNIVERSITY PKWY. 130+18, 55' LT	12"	42"	36"	6"	12"	VAR.	6"	30"
CICERO AVE. 205+18, 60' LT	30" X 19"	60 1/2"	54 1/2"	6"	21 1/4"	VAR.	12 3/4"	48 1/2"



FLUSH INLET BOX SPECIAL DETAIL

FILES
12/24/2013



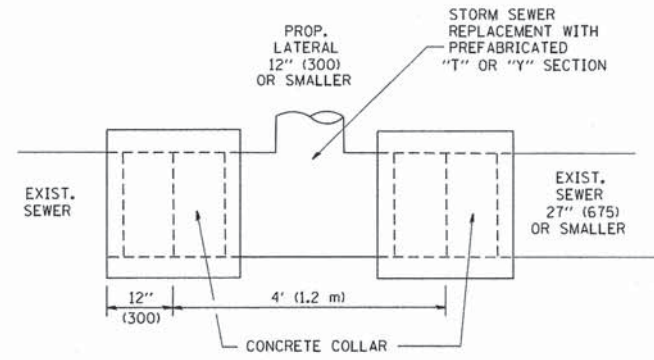
USER NAME = aodeh	DESIGNED - AS	REVISED -
FILE NAME: detail_03.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60,0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/26/2013	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

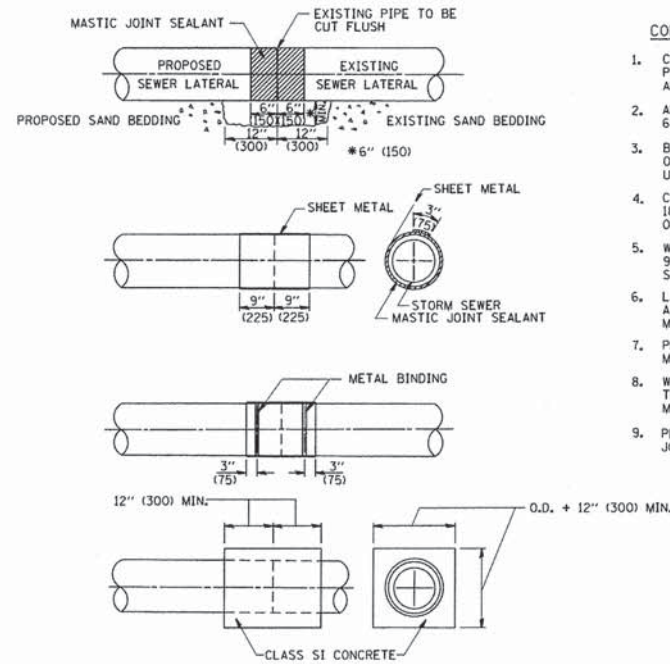
DETAIL SHEET
UNIVERSITY PARKWAY

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 82
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



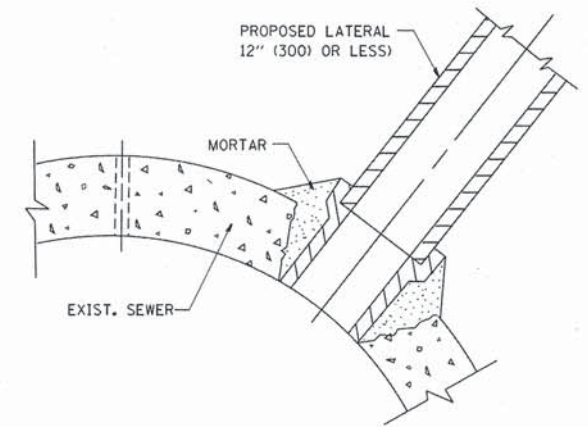
DETAIL "A"
LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 I.I. (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT DOES NOT COME OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



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

NOTES

MATERIAL

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

CONSTRUCTION METHODS

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

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

GENERAL

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

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

BASIS OF PAYMENT

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

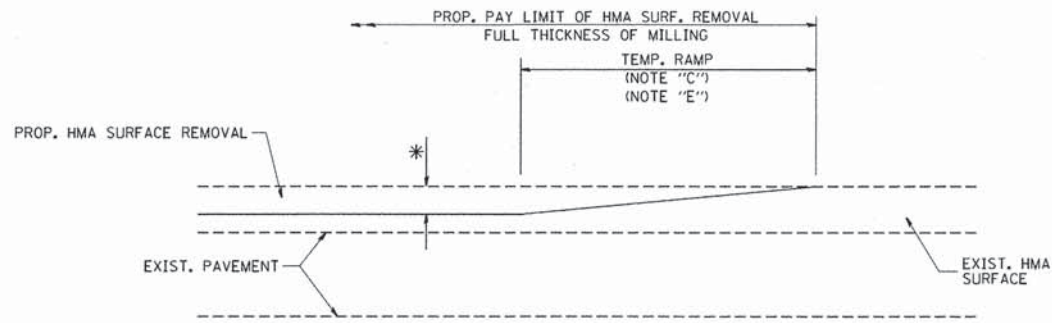
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

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

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

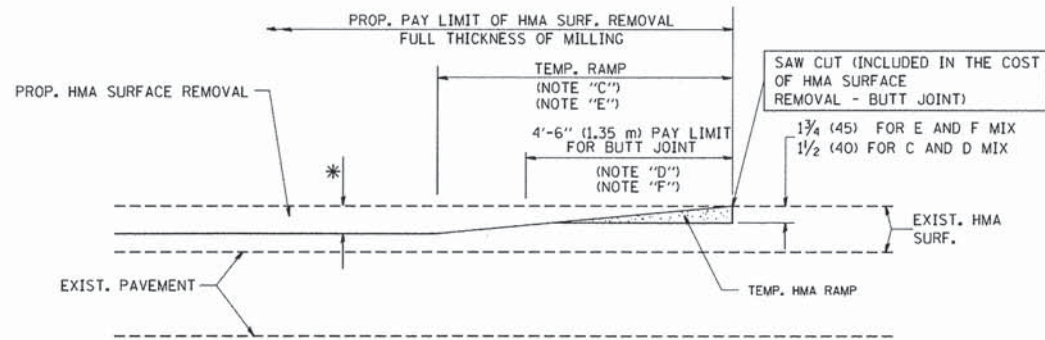
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\dststd\22-24\bd07.dgn	USER NAME = goglianobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER		F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. SHAH 09-09-94		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD500-01 (BD-7)		CONTRACT NO.
		PLOT SCALE = 50,000' / IN.	REVISED - R. SHAH 10-25-94								
		PLOT DATE = 1/4/2000	REVISED - R. SHAH 06-12-96								
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT											



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

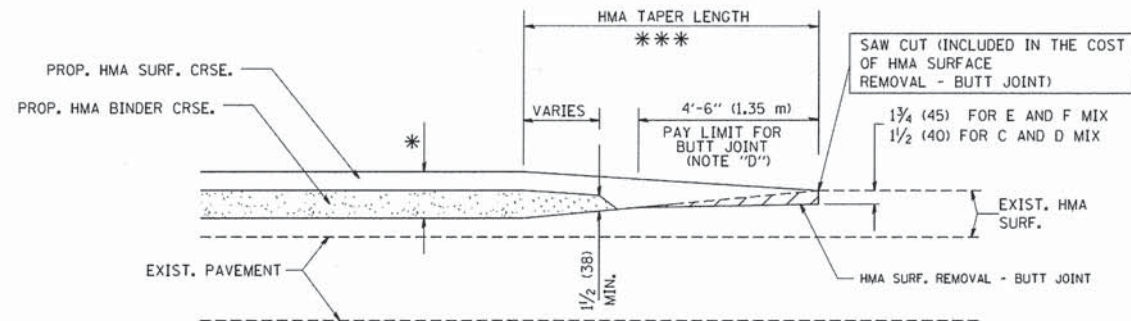
OPTION 1



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

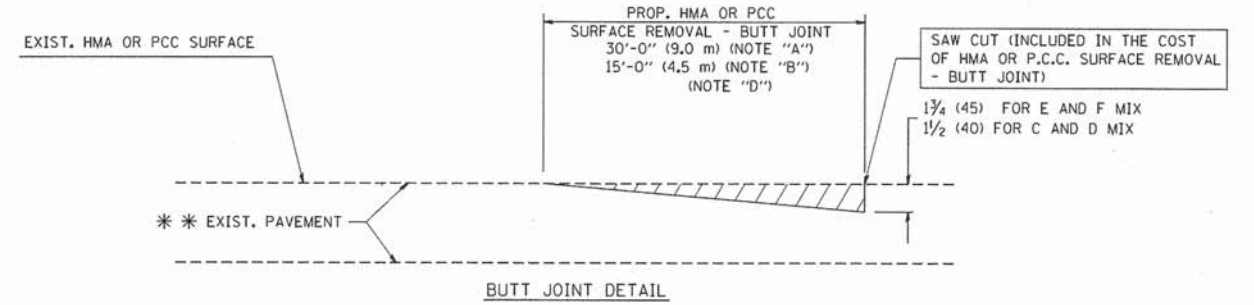
OPTION 2

TYPICAL TEMPORARY RAMP

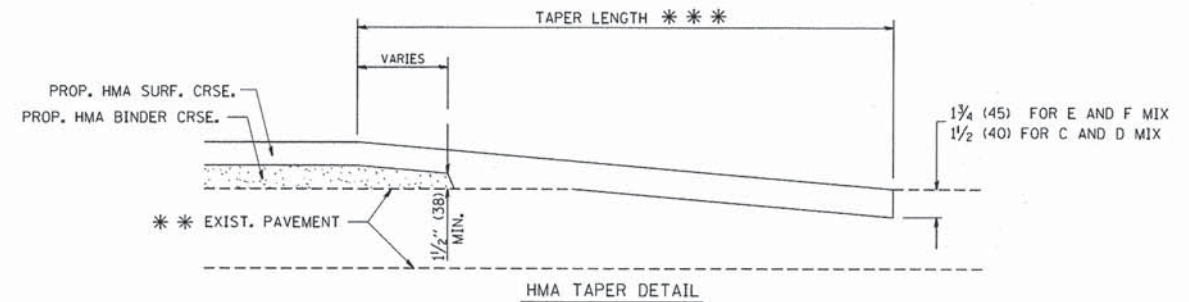


BUTT JOINT AND
HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- ** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

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

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

FILE NAME = W:\dststd\22x34\bd32.dgn	USER NAME = gegl10n0bt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / 1" IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

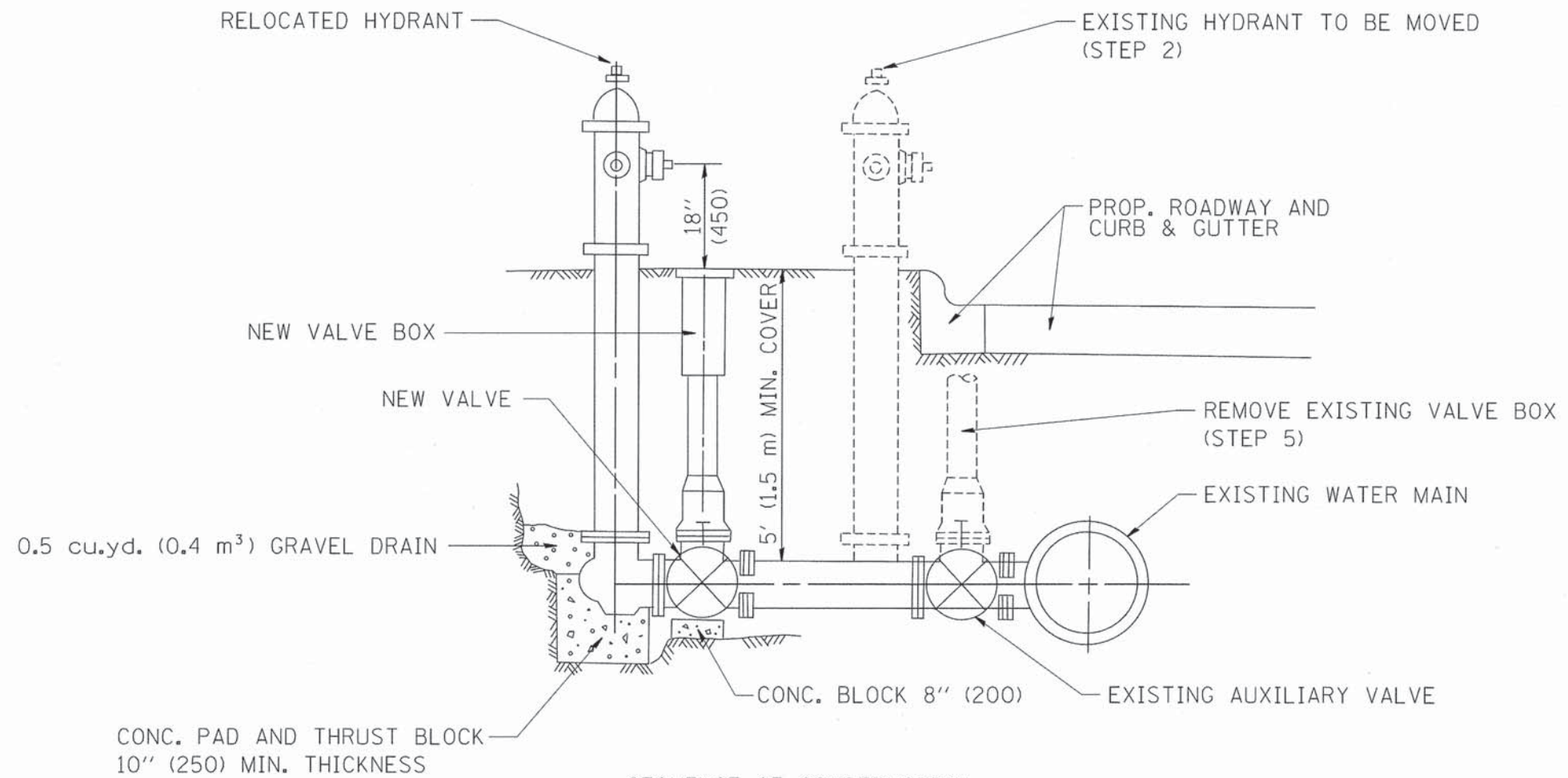
BUTT JOINT AND HMA TAPER DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO.		
				BD400-05 BD32		
				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



USER NAME = Adham Ddeh	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 02.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000' / 1" IN.	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013 10:37:02 AM	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET 2 OF 13 SHEETS	STA.	TO STA.	CONTRACT NO. 63709		
				ILLINOIS FED. AID PROJECT		



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

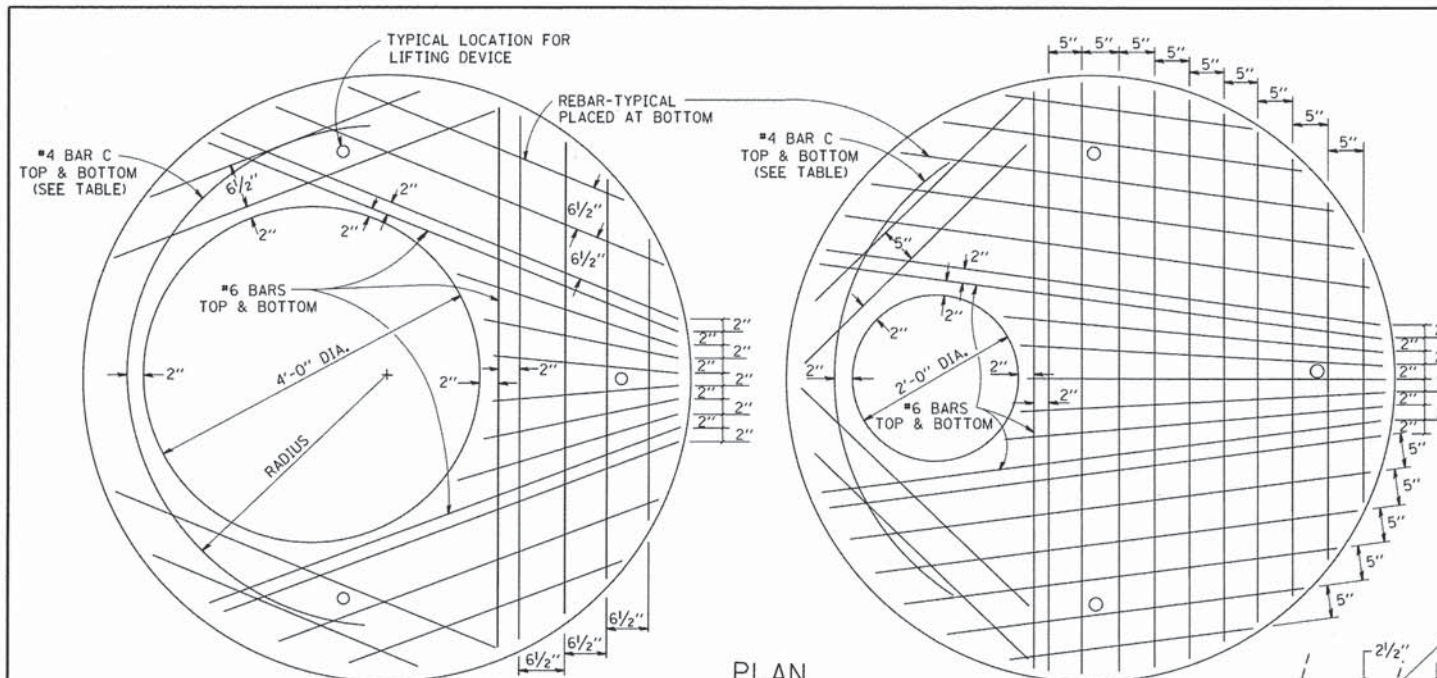
ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

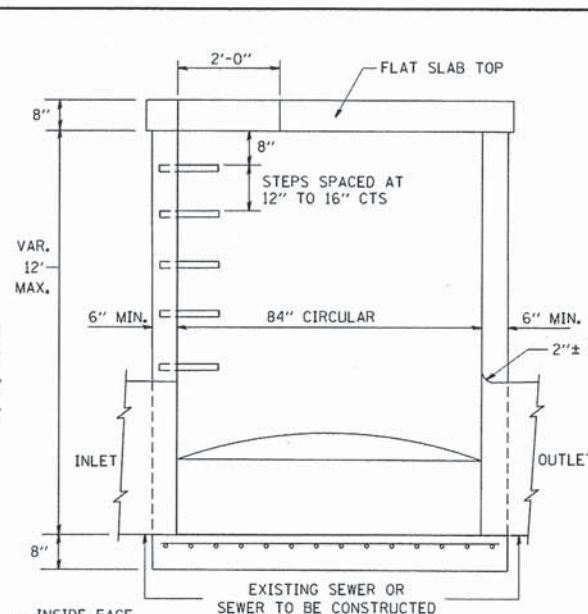
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\data\d22\34\bd36.dgn	USER NAME = gnglianbt	DESIGNED -	REVISD - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIRE HYDRANT TO BE MOVED			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISD - R. SHAH 10-25-94		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD-36	CONTRACT NO.		
		PLOT SCALE = 50.0000 "/ IN.	CHECKED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
		PLOT DATE = 1/4/2008	DATE -									

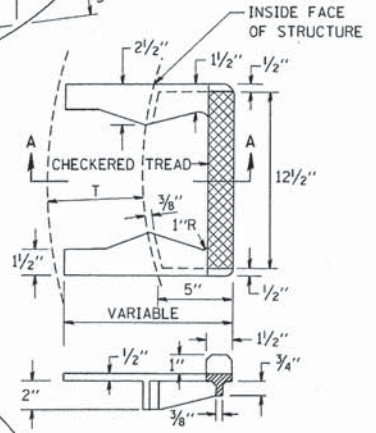
CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = Adham Odah	DESIGNED - AS	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME: IDOT detail 03.dgn	DRAWN - AS	REVISD -		SCALE:	SHEET 3 OF 11 SHEETS	STA.	TO STA.	1637	96-00014-00-PV	WILL	112 85
	PLOT SCALE = 60.0000 "/ IN.	CHECKED - KDN	REVISD -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 12/24/2013 - 10:39:09 AM	DATE - 12/26/2013	REVISD -									



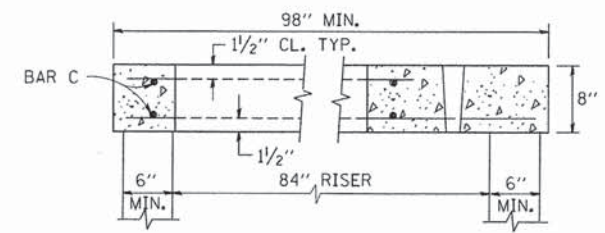
PLAN
SHOWING REBAR REINFORCEMENT



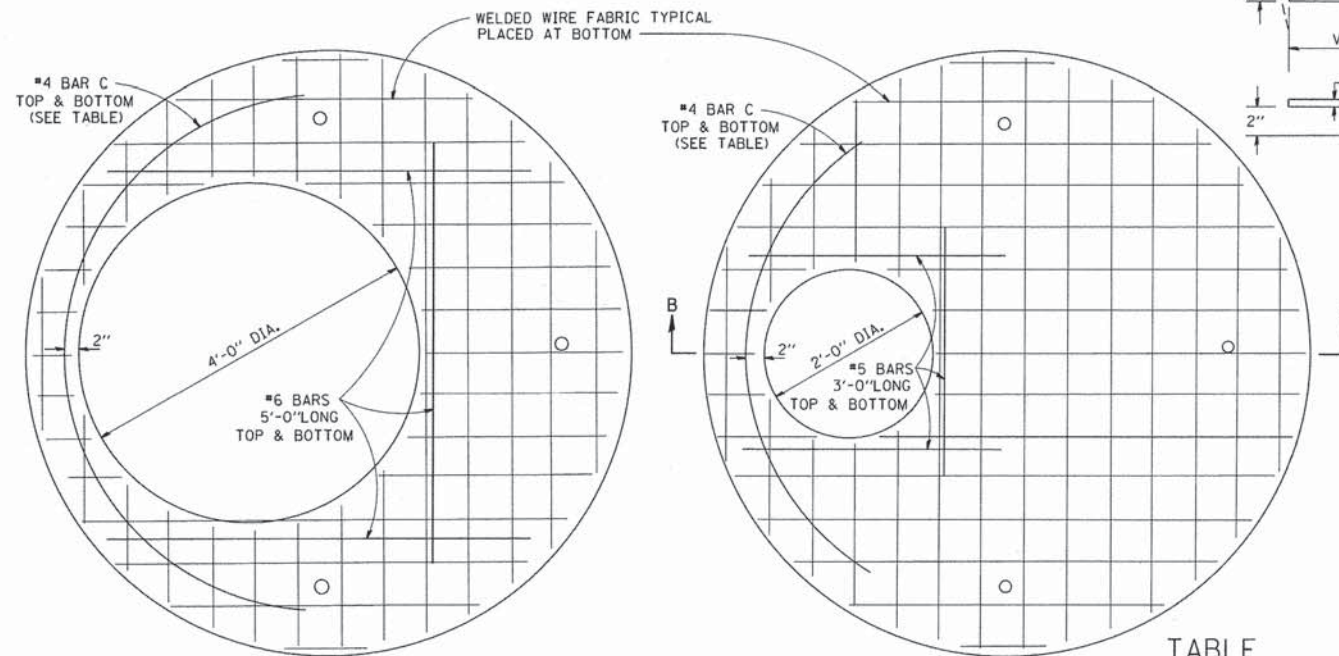
ELEVATION



SEC. A-A
CAST IRON STEPS



SECTION B-B

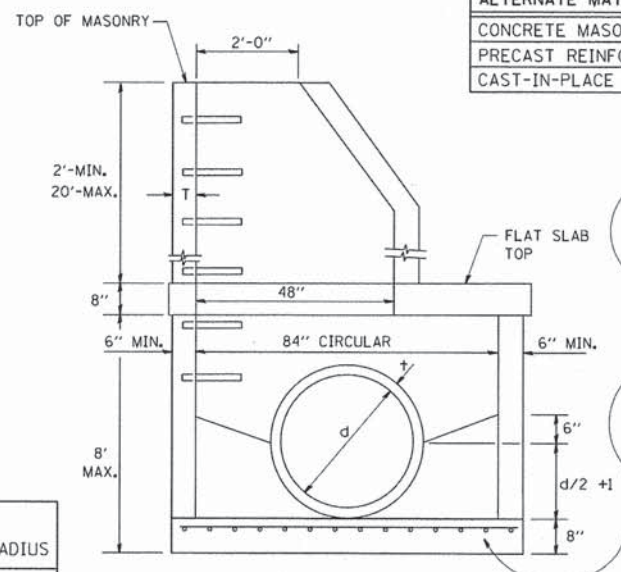


PLAN
SHOWING WELDED WIRE FABRIC REINFORCEMENT

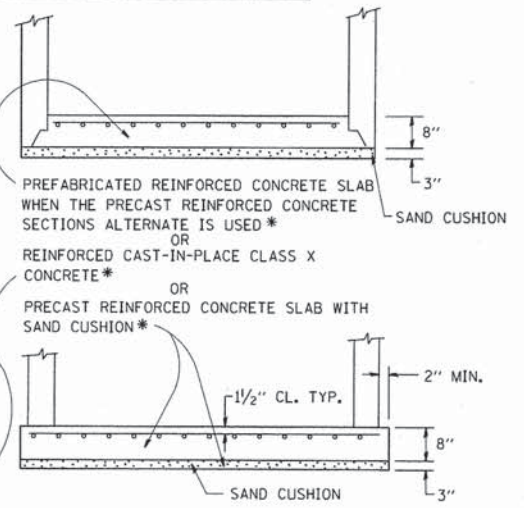
NOTE: THIS STRUCTURE SHOULD BE USED WITH PIPES SIZE 54" DIA. OR SMALLER.

DIAMETER OF OPENING	REINFORCEMENT "A" WWF OR BAR SIZE	BAR C			
		SIZE	LENGTH	RADIUS	
2'-0"	1.06 SO./IN./LIN.FT.	#6	#4	6'-0"	38"
4'-0"	0.82 SO./IN./LIN.FT.	#6	#4	9'-0"	38"

ALTERNATE MATERIALS FOR RISERS	T (MIN.)
CONCRETE MASONRY UNITS	5"
PRECAST REINFORCED CONCRETE SECTIONS	4"
CAST-IN-PLACE CONCRETE	6"



ELEVATION



PREFABRICATED REINFORCED CONCRETE SLAB WHEN THE PRECAST REINFORCED CONCRETE SECTIONS ALTERNATE IS USED * OR REINFORCED CAST-IN-PLACE CLASS X CONCRETE * OR PRECAST REINFORCED CONCRETE SLAB WITH SAND CUSHION *

FILE NAME = W:\dtd\std\22x34\bd37.dgn	USER NAME = gogliano	DESIGNED -	REVISED -
PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 1/4/2008	DATE = 10-18-02	REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE TYPE A
7 FOOT DIAMETER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BD600-11	(BD-37)			
CONTRACT NO.				

USER NAME = Adhem Ddeh	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 04.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60,0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013 - 10:40:29 AM	DATE = 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT D1 STANDARD DRAWINGS
UNIVERSITY PARKWAY

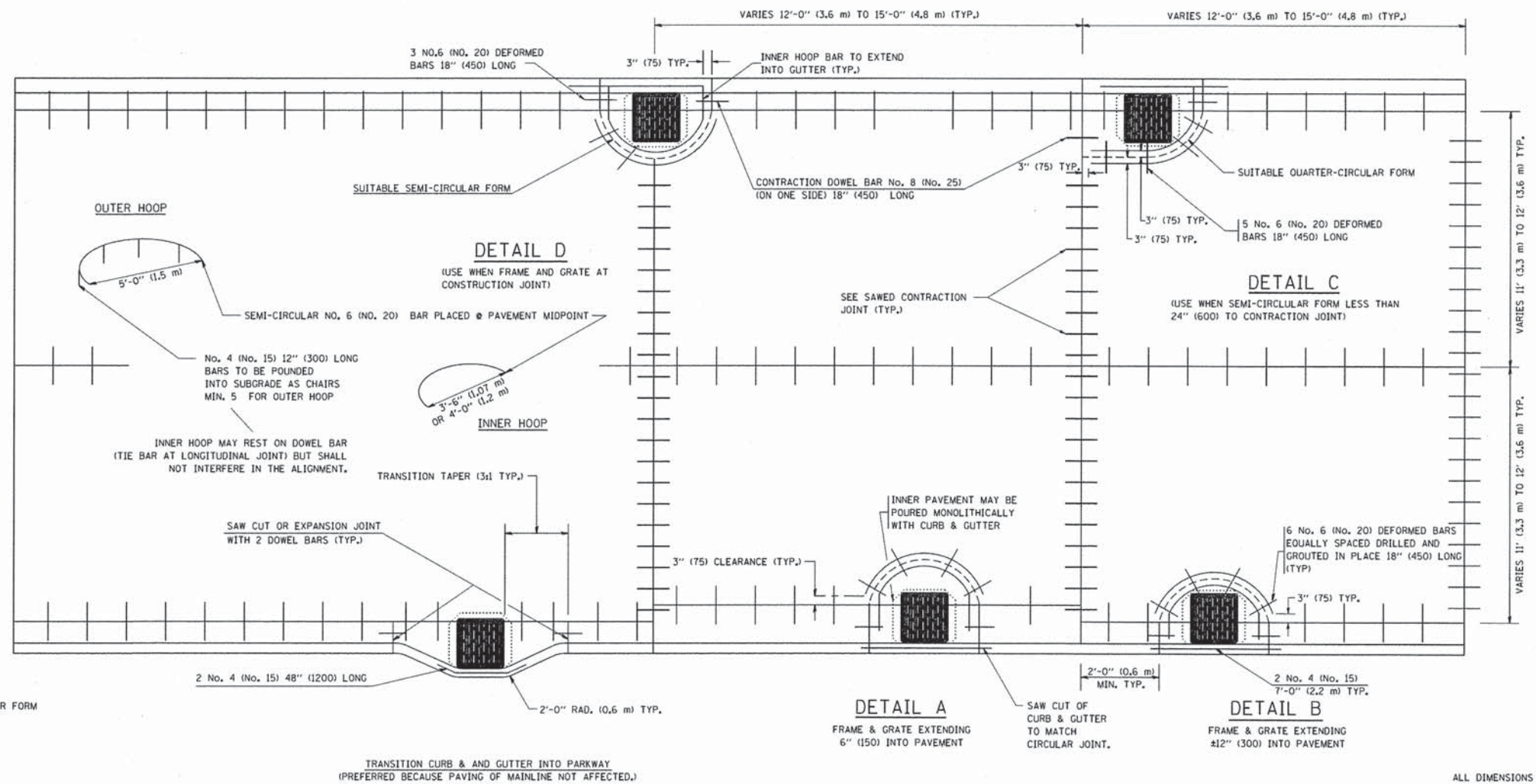
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	86
CONTRACT NO. 63709				

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

DESIGNER NOTE:
THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS LESS THAN 24"

NOTES:

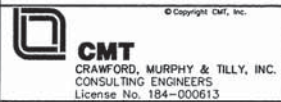
1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES, AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



LEGEND:
 CASTING
 - - - - - SUITABLE SEMI-CIRCULAR FORM

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

FILE NAME = W:\diststd\22x34\bd48.dgn	USER NAME = goglianobst	DESIGNED - A. ABBAS	REVISED - T. MATOUSEK 08-28-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TOM MATOUSEK	REVISED - T. MATOUSEK 10-02-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD-48			
		CHECKED - A. ABBAS	REVISED - T. MATOUSEK 04-25-02						CONTRACT NO.			
		DATE - 01-04-99	REVISED - P. LAFLEUR 08-27-02						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

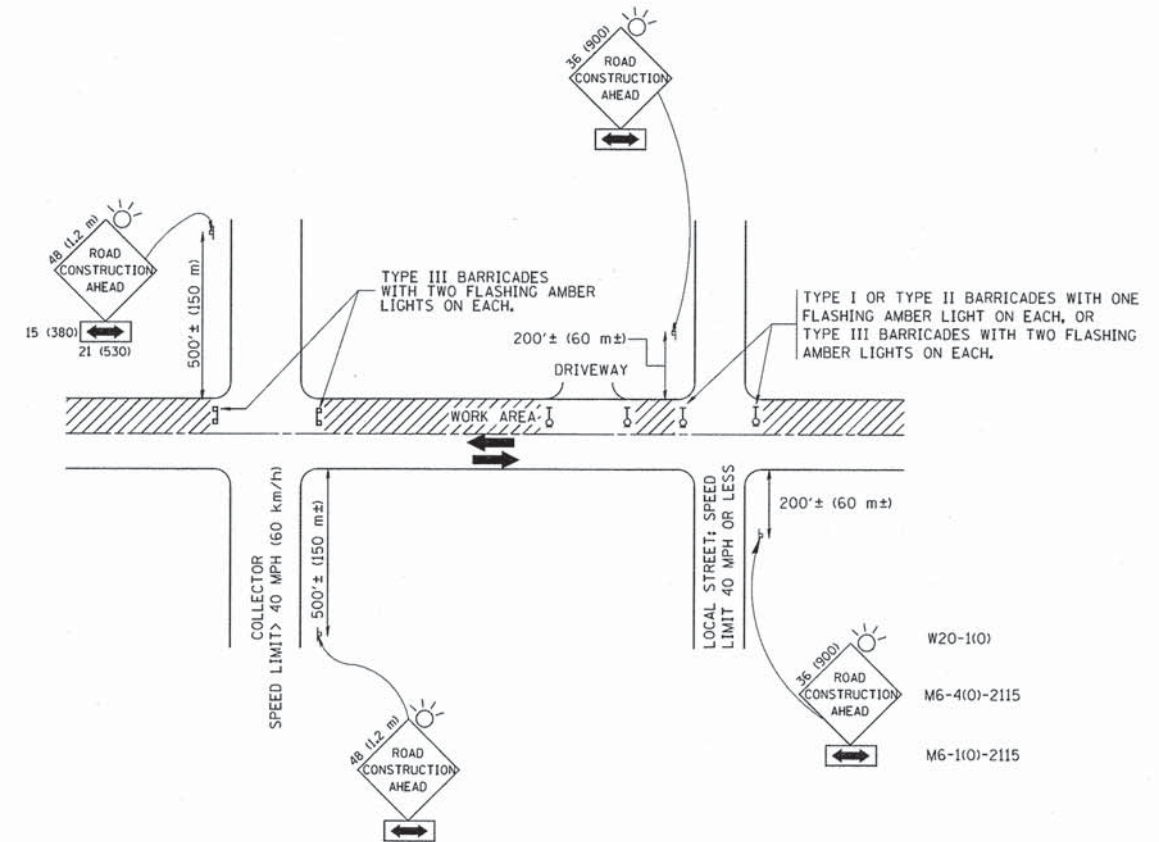


USER NAME = Adham Odeh	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 05.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000' / IN.	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013 - 10:42:11 AM	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY		
SCALE:	SHEET 5 OF 11 SHEETS	STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	87
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
 - C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
 - D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME =	USER NAME = goglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

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

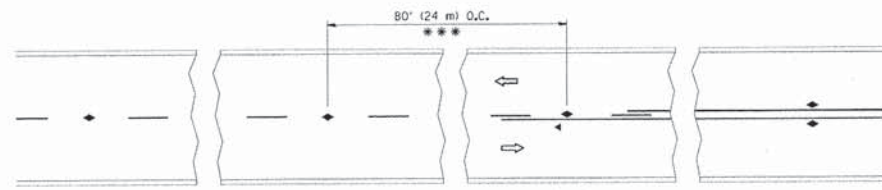
USER NAME = Adham Odeh	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 06.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60,0000 ' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013 - 10:43:39 AM	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT D1 STANDARD DRAWINGS
UNIVERSITY PARKWAY

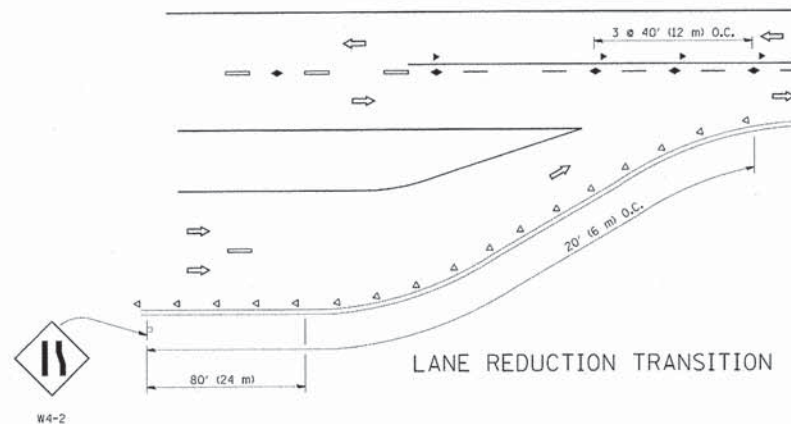
SCALE:	SHEET 6 OF 11 SHEETS	STA.	TO STA.
--------	----------------------	------	---------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	88
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

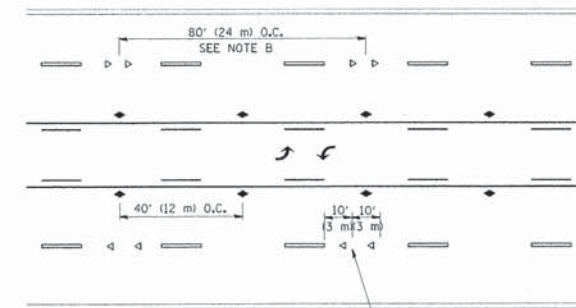


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO-LANE/TWO-WAY

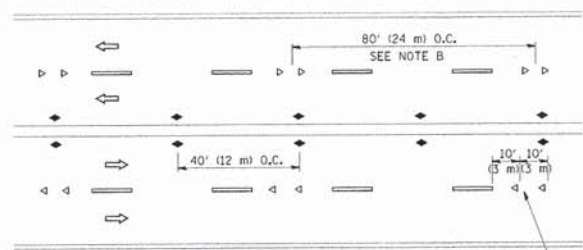


LANE REDUCTION TRANSITION



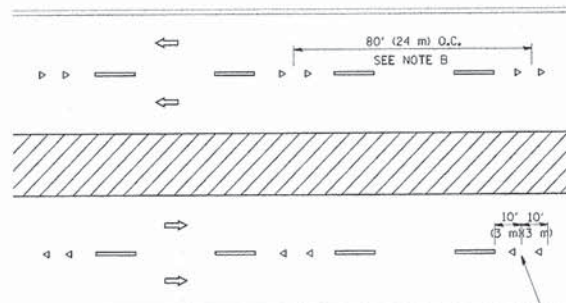
SEE NOTE A

TWO-WAY LEFT TURN



SEE NOTE A

MULTI-LANE/UNDIVIDED



SEE NOTE A

MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

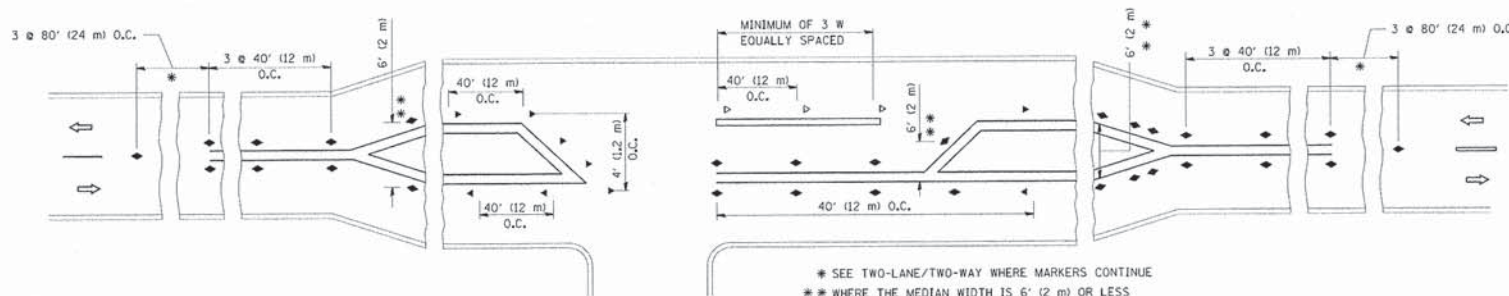
- YELLOW STRIPE
- WHITE STRIPE
- ▲ ONE-WAY AMBER MARKER
- ◄ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

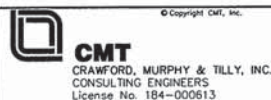


* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

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

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
127\p...work\p...dot\...dgn	leyno	DRAWN -	REVISED -		RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)							
PLOT SCALE = 50/8000 1/ IN.		CHECKED -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-11			
PLOT DATE = 3/27/2011		DATE -	REVISED -						CONTRACT NO.			



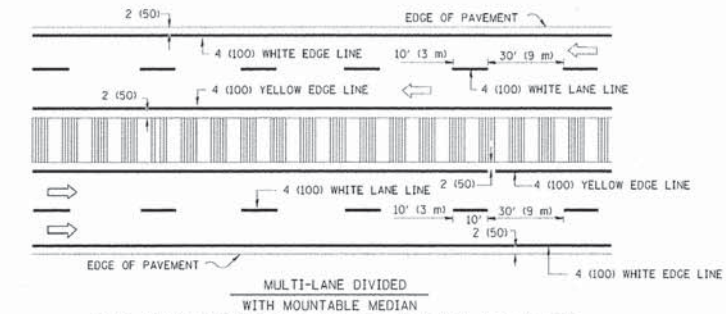
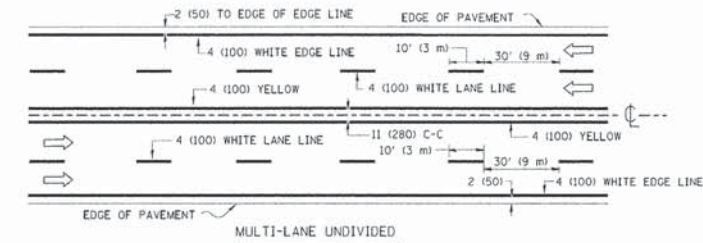
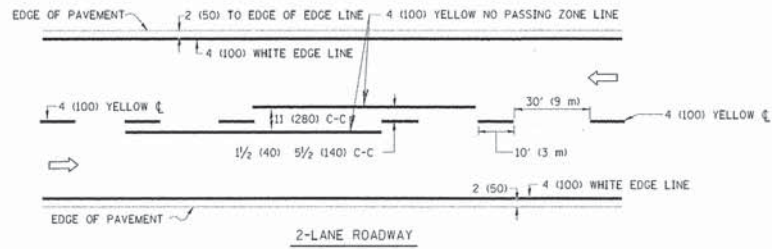
USER NAME =	DESIGNED -	REVISED -
Adham Odeh	AS	-
FILE NAME =	DRAWN -	REVISED -
IDOT detail 07.dgn	AS	-
PLOT SCALE =	CHECKED -	REVISED -
60/8000 1/ IN.	KDN	-
PLOT DATE =	DATE -	REVISED -
12/24/2013 10:44:58 AM	12/26/2013	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IDOT D1 STANDARD DRAWINGS
UNIVERSITY PARKWAY**

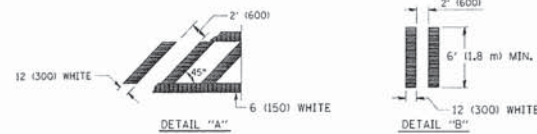
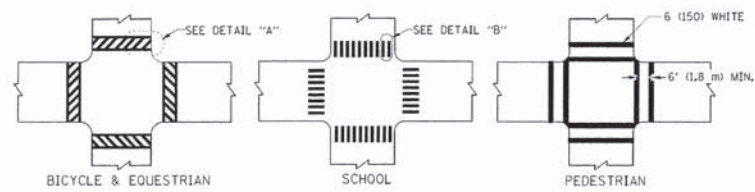
SCALE:	SHEET 7 OF 11 SHEETS	STA.	TO STA.
--------	----------------------	------	---------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	89
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

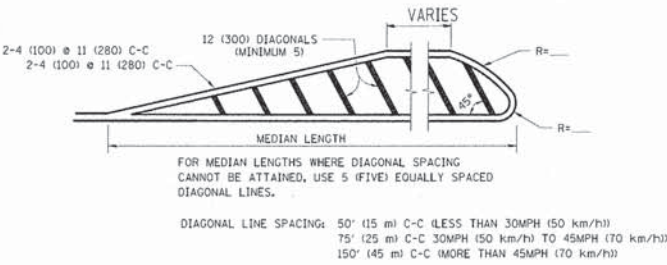
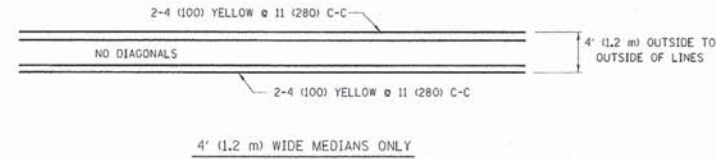


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

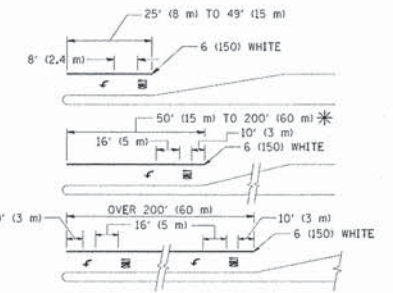
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

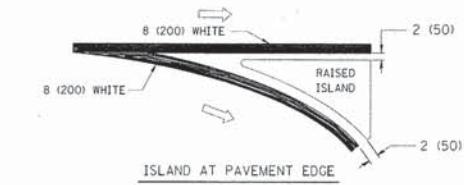
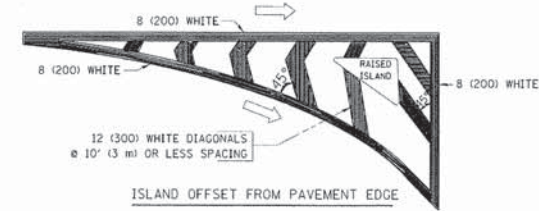


TYPICAL PAINTED MEDIAN MARKING



TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' (4.5 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

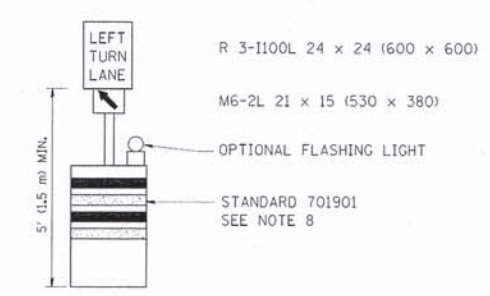
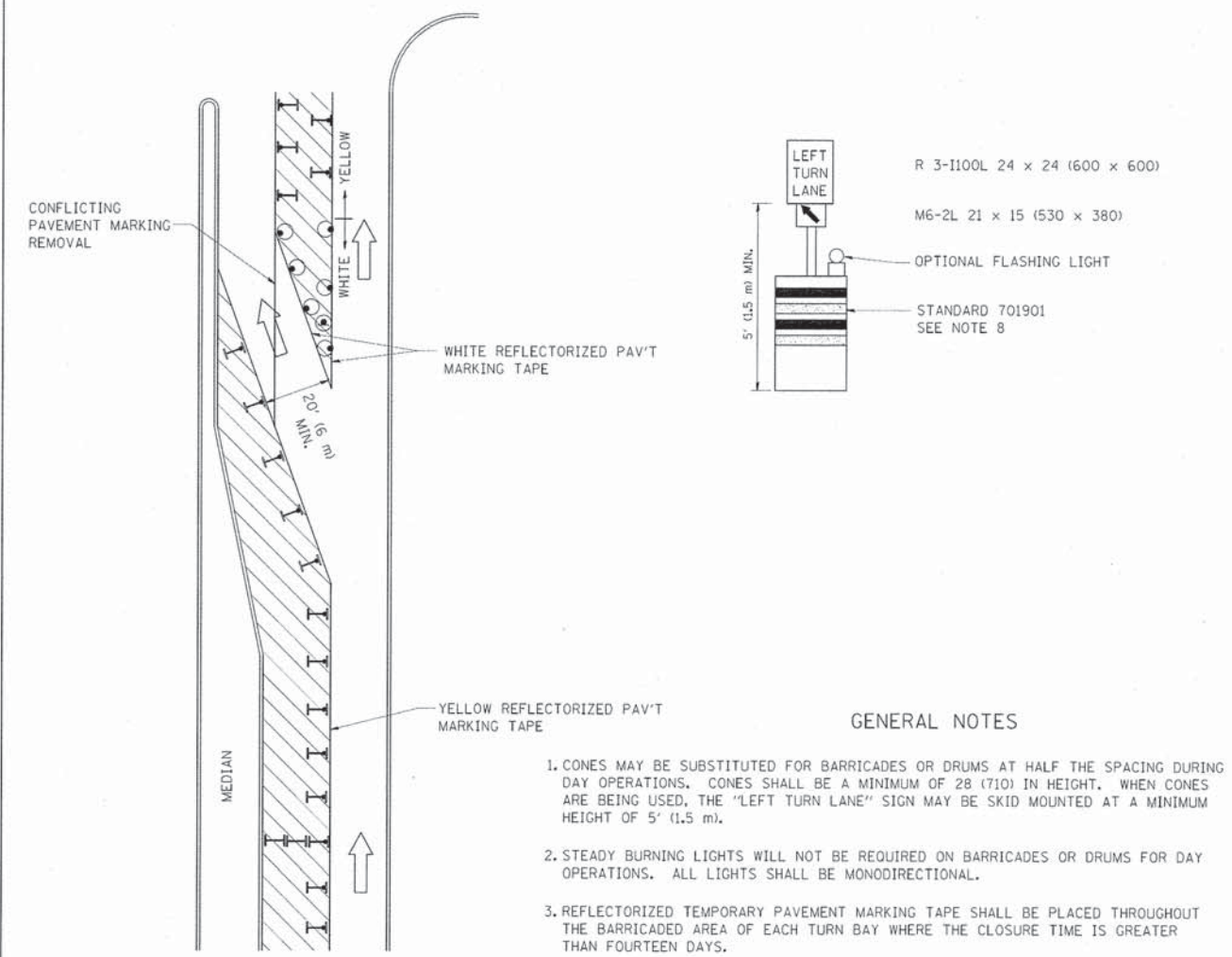
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = c:\p\work\p\dot\drivakosgn\d01083151\13.dgn	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
PLOT SCALE = 50.0000 "/ IN.		CHECKED -	REVISED - C. JUCCIUS 09-09-09
PLOT DATE = 9/9/2009		DATE - 03-19-90	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		TC-13		CONTRACT NO.		
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	90
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

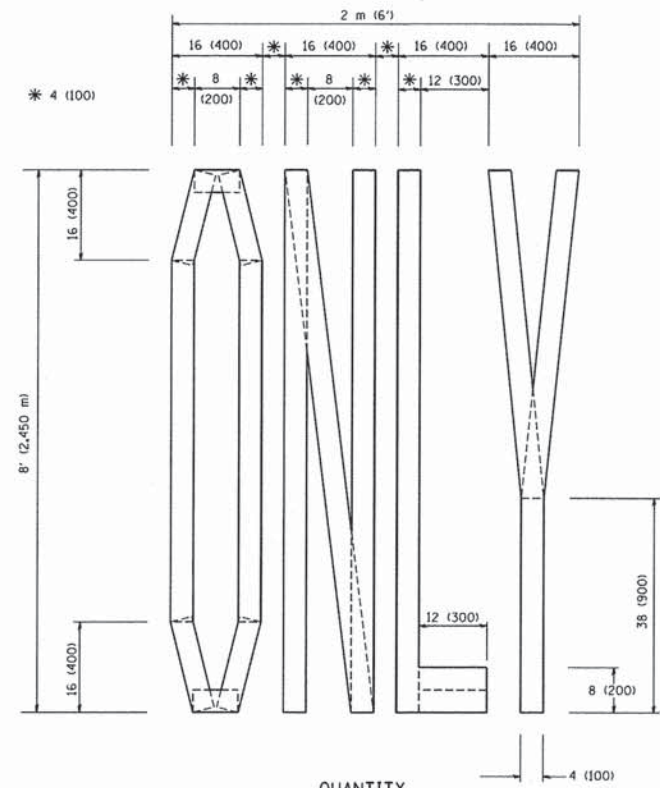
All dimensions are in inches (millimeters) unless otherwise shown.

LEGEND

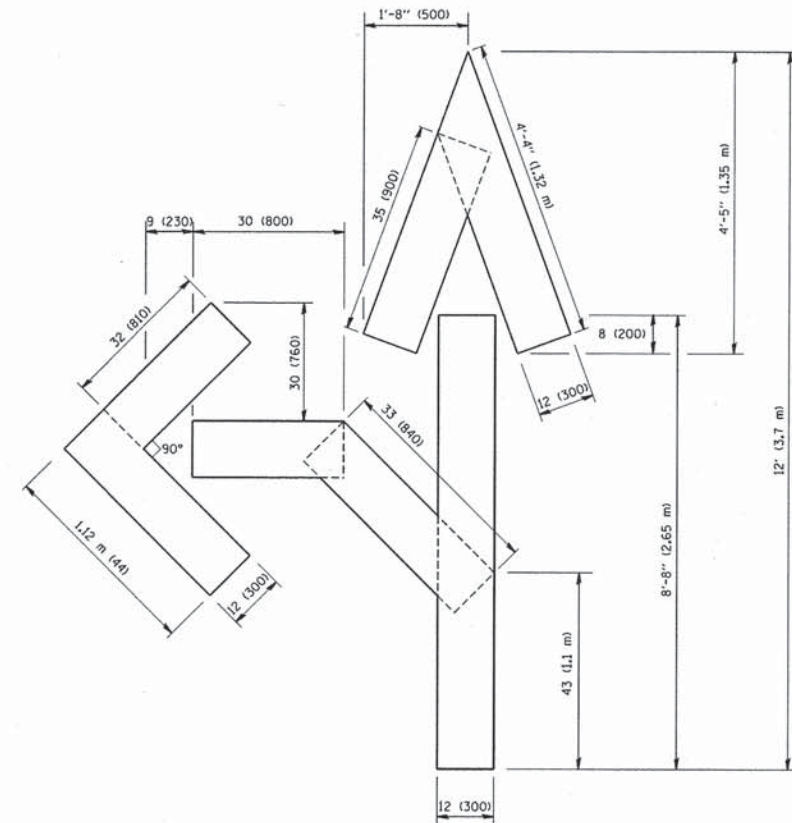
- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME =	USER NAME = drivakogn	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca\pwork\PIW\DOT\DRIVEKOGON\0126305\14.dgn	PLOT SCALE = 48.0000' / 1" IN.	REVISED - A. HOUSEH 11-07-95	REVISED -			TC-14		CONTRACT NO.			
PLOT DATE = 9/14/2009	REVISED - A. HOUSEH 10-12-96	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

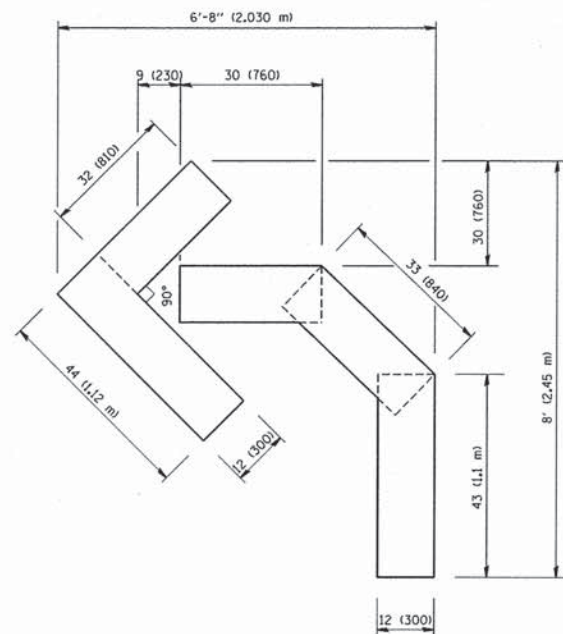
 CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = Adhem Odeh	DESIGNED - AS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	FILE NAME: IDOT detail 09.dgn	DRAWN - AS	REVISED -			1637		96-00014-00-PV		WILL 112 91	
	PLOT SCALE = 60.0000' / 1" IN.	CHECKED - KDN	REVISED -			CONTRACT NO. 63709					
PLOT DATE = 12/24/2013 - 10:47:38 AM	DATE - 12/26/2013	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT							



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



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



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

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

FILE NAME * W:\dstd\22x34\td16.dgn	USER NAME * gegtrnabt	DESIGNED - DRAWN -	DESIGNED - DRAWN -	REVISED -T. RAMMACHER 06-05-96 REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE * 50.0000 "/> <td>CHECKED -</td> <td>CHECKED -</td> <td>REVISED -T. RAMMACHER 03-02-98</td>	CHECKED -	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE * 1/4/2008	DATE - 09-18-94	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	92
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

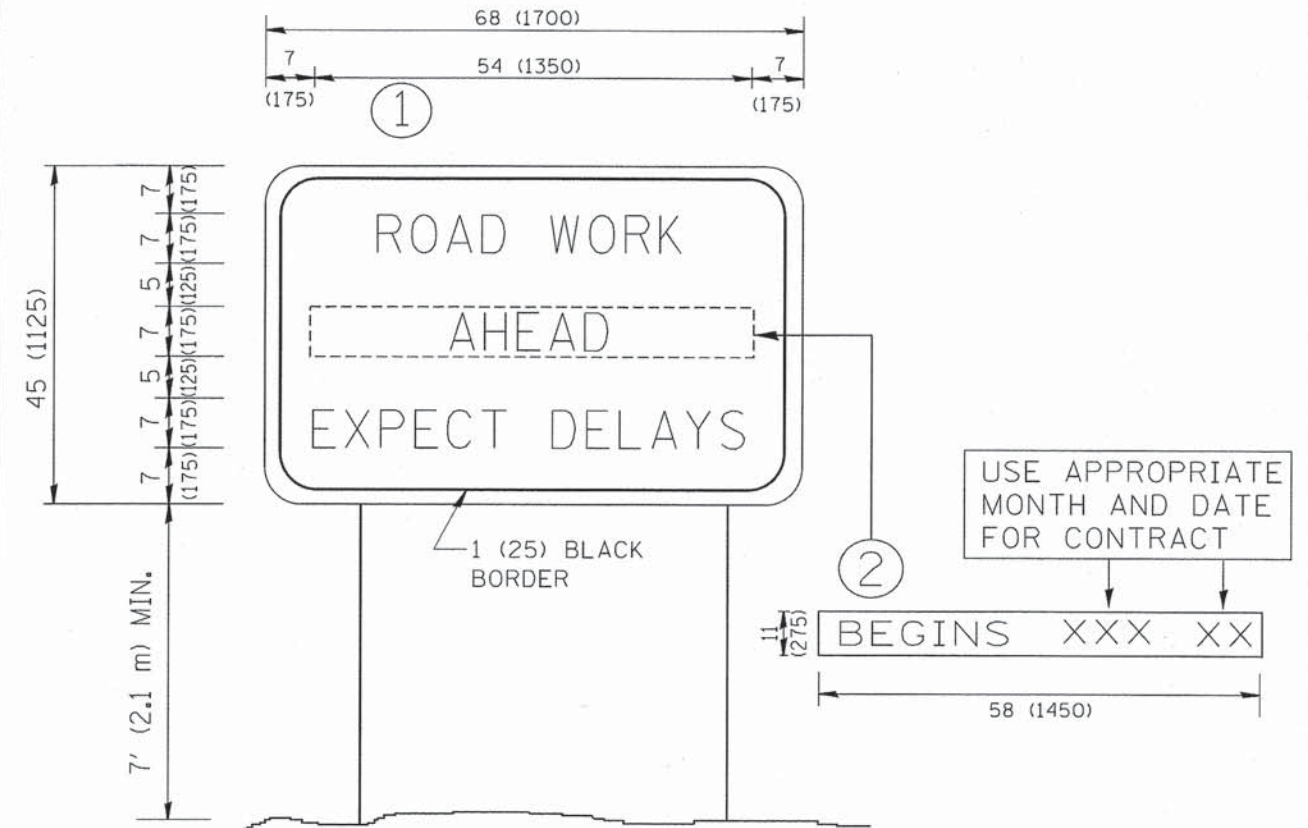
USER NAME * Adham Odeh	DESIGNED - DRAWN -	DESIGNED - DRAWN -	REVISED - REVISED -
FILE NAME: IDOT detail 10.dgn	CHECKED - DATE -	CHECKED - DATE -	REVISED - REVISED -
PLOT SCALE = 50.0000 "/> <td>DATE - 12/26/2013</td> <td>DATE - 12/26/2013</td> <td>REVISED - REVISED -</td>	DATE - 12/26/2013	DATE - 12/26/2013	REVISED - REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IDOT D1 STANDARD DRAWINGS
 UNIVERSITY PARKWAY

SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	92
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				



NOTES:

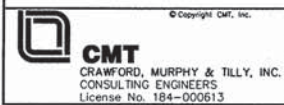
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME = W:\dotstd\22-34\1\c22.dgn	USER NAME = gqglionobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 60.0000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE		TC-22		CONTRACT NO.		
SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



USER NAME = Adham Odeh	DESIGNED - AS	REVISED -
FILE NAME: IDOT_detail11.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000 ' / IN.	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013 - 5:23:33 PM	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

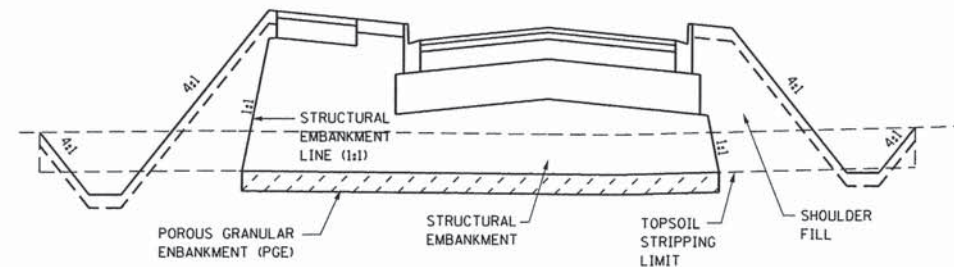
IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY		F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:		1637		96-00014-00-PV		
SHEET II	OF II SHEETS	STA.	TO STA.			
ILLINOIS FED. AID PROJECT						

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	93
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

EARTHWORK GENERAL NOTES

- ALL EARTHWORK QUANTITIES ARE CALCULATED BY THE METHOD OF AVERAGE END AREAS USING THE PLAN CROSS SECTIONS. SHRINKAGE FACTOR, ASSUMED TO BE 15% FOR THIS PROJECT, ARE ESTIMATED FOR THE SOLE PURPOSE OF DETERMINING A BALANCE OF EARTHWORK. THE CONTRACTOR SHALL ESTIMATE HIS OWN SHRINKAGE FACTORS IN DETERMINING HIS EARTHWORK. NO PAYMENT WILL BE MADE ON EARTHWORK QUANTITIES DUE TO VARIATION IN THE SHRINKAGE FACTOR SINCE EARTHWORK IS MEASURED IN ITS FINAL POSITION.
- IN DEVELOPING THE EARTHWORK QUANTITIES FOR THIS PROJECT, IT WAS ASSUMED THAT IN THOSE AREAS WHERE SOIL BORINGS INDICATED THAT UNDERCUT/PGE IS REQUIRED, ALL THE EXCAVATED MATERIAL MEASURED BY METHOD OF AVERAGE END AREAS IN THAT CROSS ROADWAY SECTION WILL BE CONSIDERED UNSUITABLE OR UNSTABLE MATERIAL.
- TOPSOIL STRIPPING WILL BE MEASURED FOR PAYMENT AS UNSUITABLE OR UNSTABLE MATERIAL.
- ALL SURPLUS MATERIAL SHALL BE HAULED OFF SITE, REGARDLESS OF THE TYPE OF MATERIAL. COST OF DISPOSING THE EXCESS MATERIALS OFF SITE SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ASSOCIATED EARTHWORK ITEM.
- IN ADDITION TO NUCLEAR DENSITY TESTING OF EMBANKMENTS AND SUBGRADES, THE FINAL SHALL BE PROOF ROLLED USING A FULLY LOADED SEMI TRUCK. THE PROOF-ROLL SHOULD DEMONSTRATE A MAXIMUM ONE-QUARTER (1/4) INCH DEFLECTION AT TOP OF SUBGRADE LEVEL. THE NUMBER OF PROOF ROLLS SHALL AS REQUIRED BY THE ENGINEER AND THEY SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL). IF UNSTABLE AND/OR UNSUITABLE MATERIALS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- A NOMINAL QUANTITY OF ONE (1) ACRE OF SEED AND MULCH (CLASS 1 SEED WITH TYPE 3 MULCH) HAS BEEN INCLUDED IN THE CONTRACT FOR THE RESTORATION OF AREAS OUTSIDE THE PROJECT LIMITS DISTURBED BY THE CONTRACTOR OPERATIONS (IE: HIS STAGING AREA AND STOCKPILE AREAS).
- IN AREAS WHERE THE ROADWAY EMBANKMENT IS ADJACENT TO A BODY OF WATER, STRUCTURAL EMBANKMENT SHALL BE PLACED FOR THE ENTIRE WIDTH OF THE CROSS SECTION. THE STRUCTURAL EMBANKMENT SHALL BE PLACED FOR A DISTANCE OF 50 FEET UP AND DOWN STATION OF THE OUTER LIMIT OF THE ADJACENT BODY OF WATER.
- GEOTEXTILE FABRIC WILL BE PLACED UNDER THE 12" AGGREGATE SUBGRADE. IN THOSE AREAS WHERE ADDITIONAL UNDERCUT AND PGE IS REQUIRED IMMEDIATELY BELOW THE AGGREGATE SUBGRADE, THE GEOTEXTILE FABRIC WILL BE PLACED AT THE BOTTOM OF THE UNDERCUT. IF THE UNDERCUT AND PGE AREA ARE CONSTRUCTED AT AN ELEVATION BELOW THE AGGREGATE SUBGRADE AND SOIL EMBANKMENT WILL BE CONSTRUCTED ON TOP OF THE PGE, A LAYER OF GEOTEXTILE FABRIC WILL BE PLACED BELOW THE UNDERCUT AREA AND ALSO AT THE BOTTOM OF THE AGGREGATE SUBGRADE. ALL FABRIC PLACED WILL BE MEASURED FOR PAYMENT.
- EARTH SHALL BE PAID FOR ONLY ONCE, REGARDLESS OF STAGING OR SEQUENCING OF CONTRACTORS OPERATIONS THAT REQUIRE STOCKPILING OF MATERIALS FOR LATER USE, REDISTRIBUTION AND RESPREADING IN SHOULDERS AND CONSTRUCTING OF EMBANKMENTS.

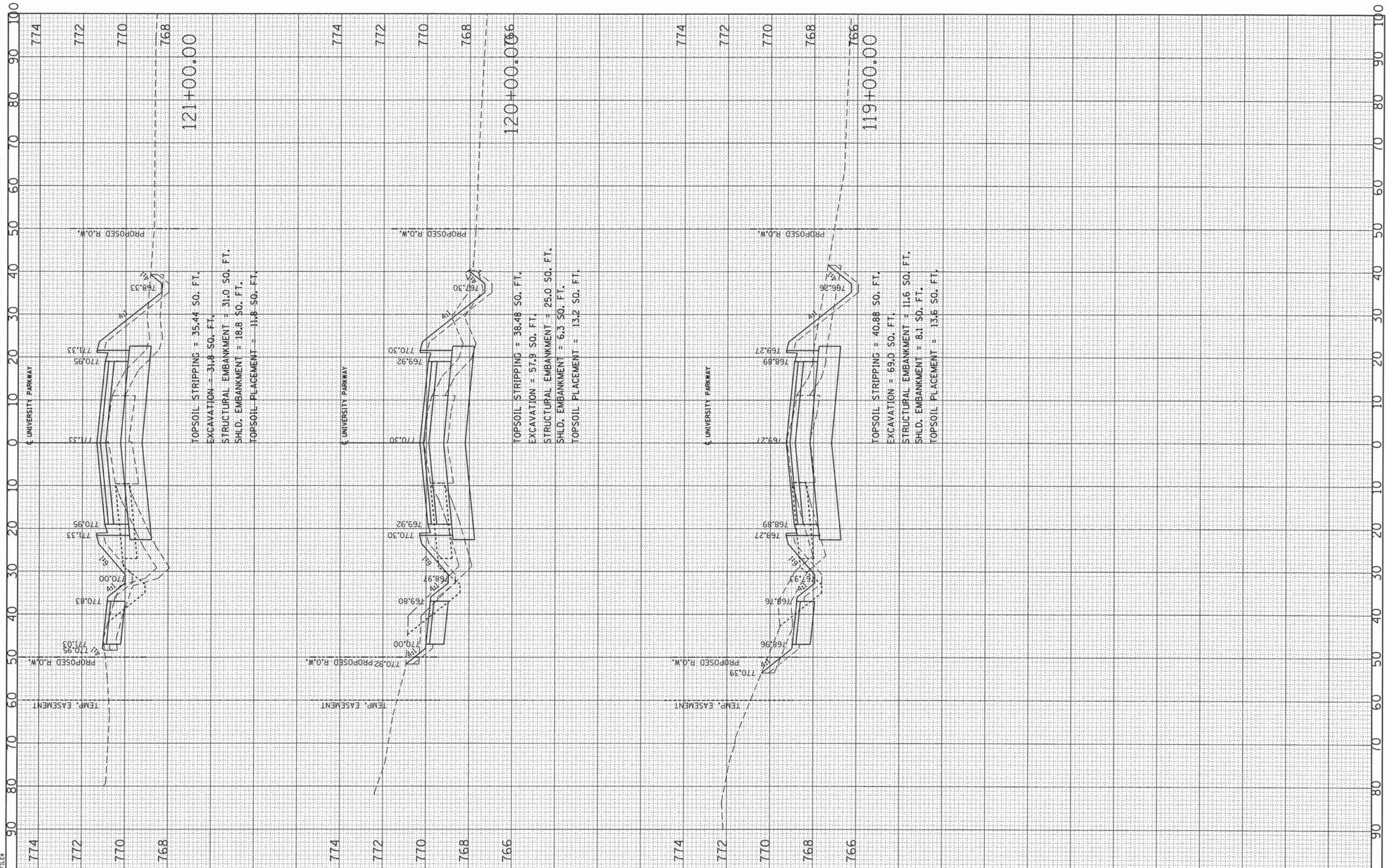
LOCATION	EARTH EXCAVATION 20200100 (C.Y.)	REMOVAL AND DISPOSAL OF UNSTABLE MATERIAL 20201200 (C.Y.)		EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (15%) (C.Y.)	EMBANKMENTS (C.Y.)		EARTHWORK BALANCE EXCESS (+) SHORTAGE (-) (C.Y.)	TOPSOIL PLACEMENT 4" - 21101615 6" - 21101625 (C.Y.)	POROUS GRANULAR EMBANKMENT, SUBGRADE (PGE) Z0042002 (C.Y.)
		TOPSOIL	UNCLASSIFIED		STRUCTURAL	SHOULDER			
FORMULAS	A	B		A X 0.85 = C	D	E	C-(D+E) = F	G	H
EARTHWORK SCHEDULE - STAGE 1									
UNIVERSITY PARKWAY Sta. 143+90 - 153+08.15	5163.4	1356.9	0	4388.6	464.4	53.3	3870.9	401.2	1505.0
CICERO AVENUE Sta. 194+52 - 200+00	73.4	147.3	0.0	62.4	7.5	101.2	-46.3	89.6	0.0
Sta. 200+00 - 206+04	71.3	361.6	0.0	60.6	12.8	193.8	-146.0	231.6	0.0
		1865.8	0		484.7	348.3			
TOTAL STAGE 1	5308.1	1865.8		4511.6	833		+3678.6	732.4	1505.0
EARTHWORK SCHEDULE - STAGE 2									
UNIVERSITY PARKWAY Sta. 100+80 - 143+27	5887.6	3548.3	2251.3	5004.5	2090.7	1155.2	+1758.6	1166.2	2161.7
		3548.3	2251.3		2090.7	1155.2			
TOTAL STAGE 2	5887.6	5799.6		5004.5	3245.9		+1758.6	1166.2	2161.7
GRAND TOTAL	11,195.7	7665.4		9516.1	4078.9		+5437.2	1898.6	3666.7



EARTHWORK TYPICAL CROSS-SECTION

FINAL SURVEY	BY	DATE
NO.		
NO.		
NO.		
NO.		
NO.		

ORIGINAL SURVEY	BY	DATE
NO.		
NO.		
NO.		
NO.		
NO.		



USER NAME = aodeh	DESIGNED - AS	REVISED -
PLOT SCALE = 10,000' / in.	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

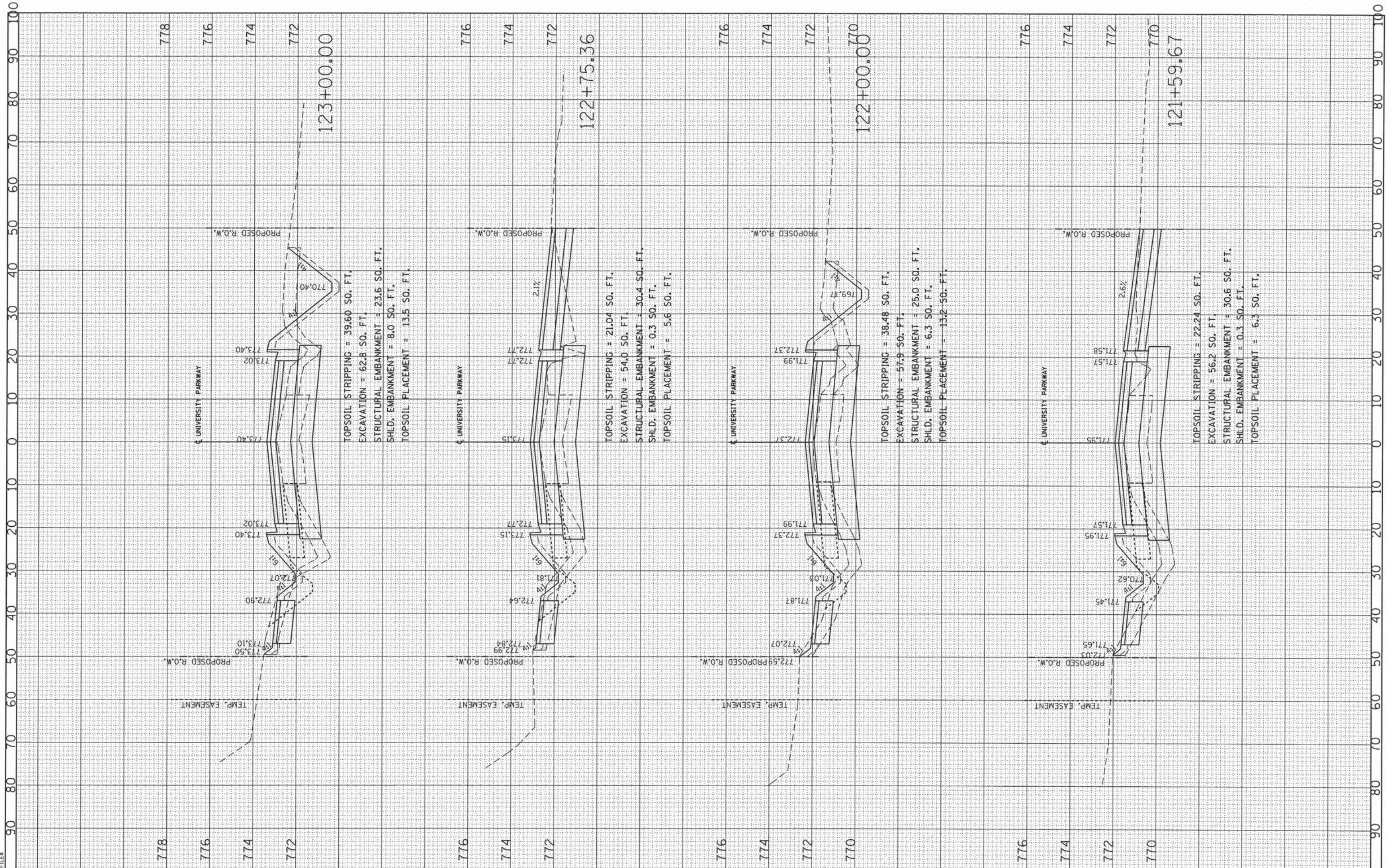
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS UNIVERSITY PARKWAY			
SCALE: 1"=10' H.	SHEET	OF	SHEETS
STA. 118+00.00	TO STA.	121+00.00	

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 95
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

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

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



CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = eodeh	DESIGNED - AS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

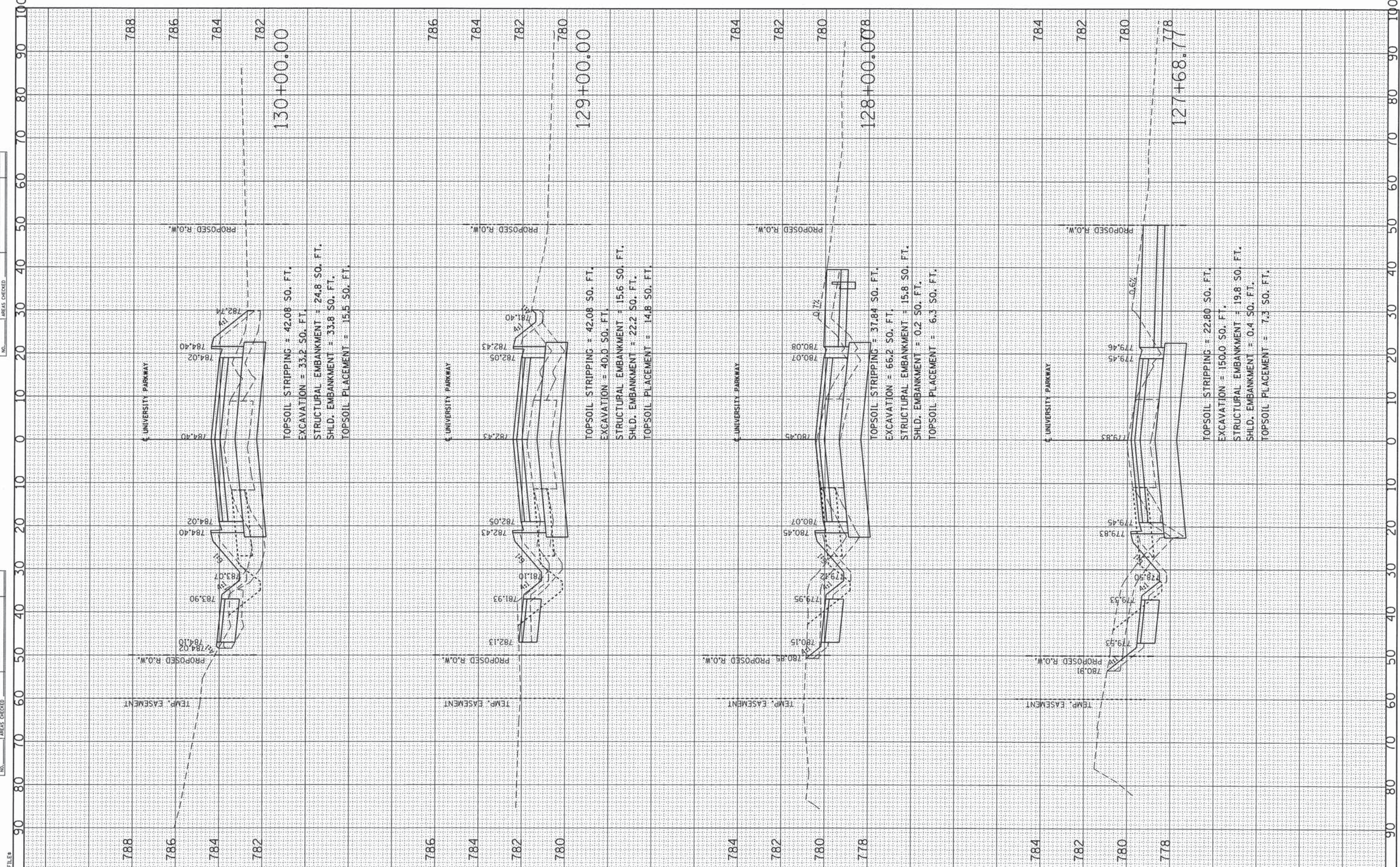
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
UNIVERSITY PARKWAY	
SCALE: 1"=10' H.	SHEET OF SHEETS
STA. 121+59.67	TO STA. 123+00.00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 96
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT

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

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



USER NAME = aodeh	DESIGNED - AS	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

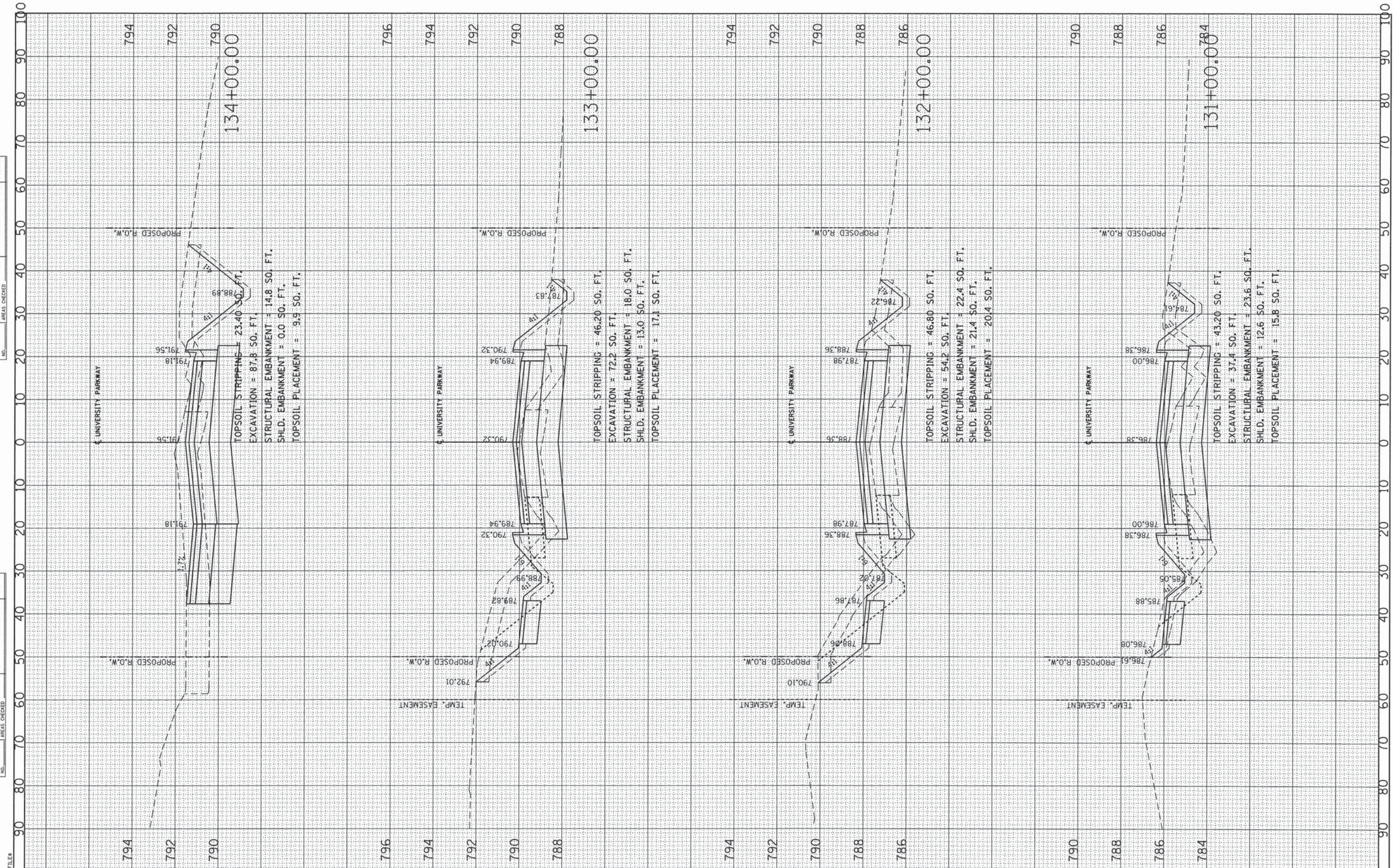
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS UNIVERSITY PARKWAY			
SCALE: 1"=10' H.	SHEET	OF	SHEETS
STA. 127+68.77	TO STA.	130+00.00	

F.A.J. RTE. 1637	SECTION 96-0014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 98
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

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

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



CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

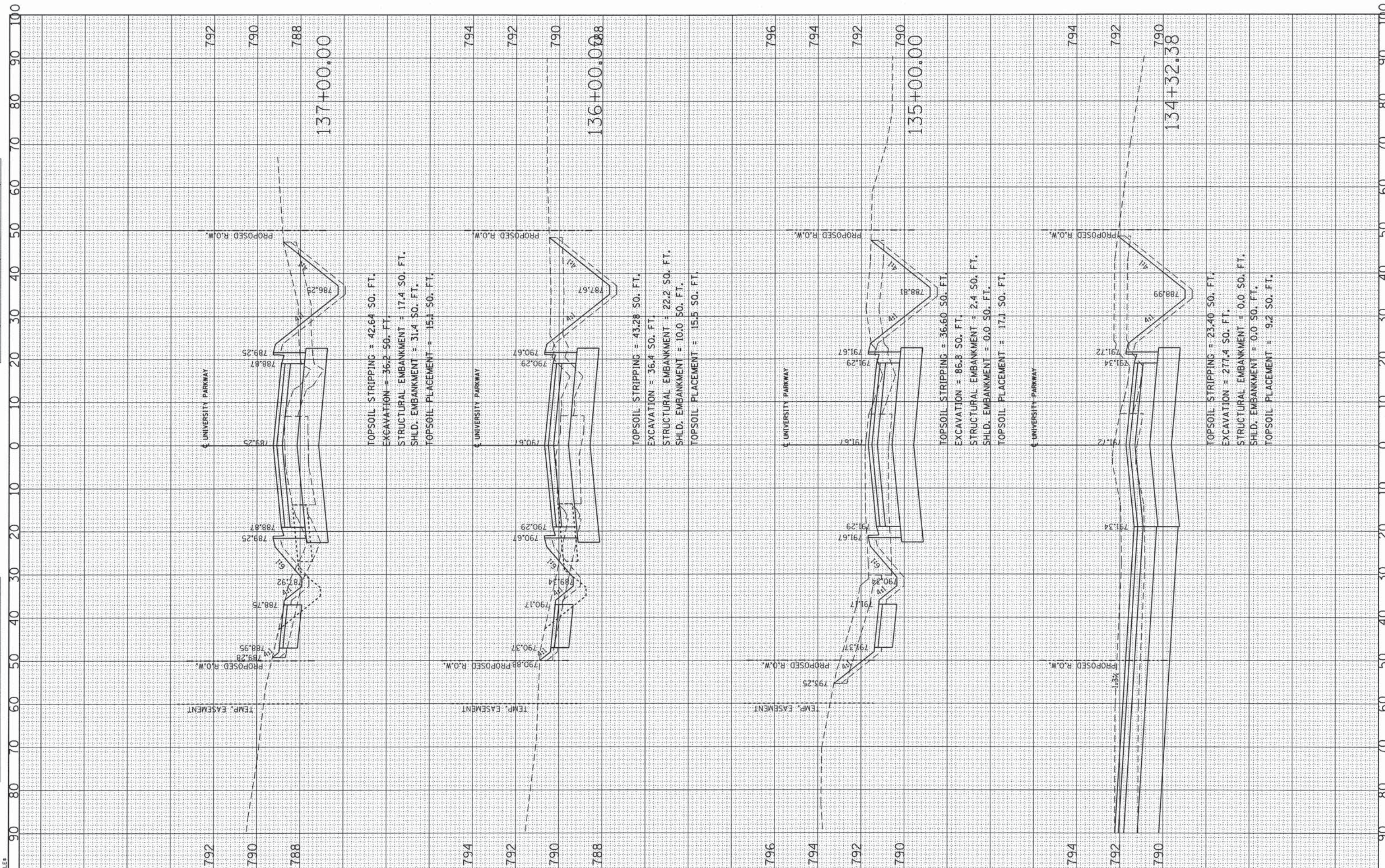
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS UNIVERSITY PARKWAY			
SCALE: 1"=10' H.	SHEET	OF	SHEETS
STA. 131+00.00	TO STA.	134+00.00	

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 99
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT

FINAL SURVEY	DATE
SURVEY	
NOTE BOOK	
NO.	
TEMPLATES	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEY	
NOTE BOOK	
NO.	
TEMPLATES	
AREAS CHECKED	



CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = eodah	DESIGNED - AS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

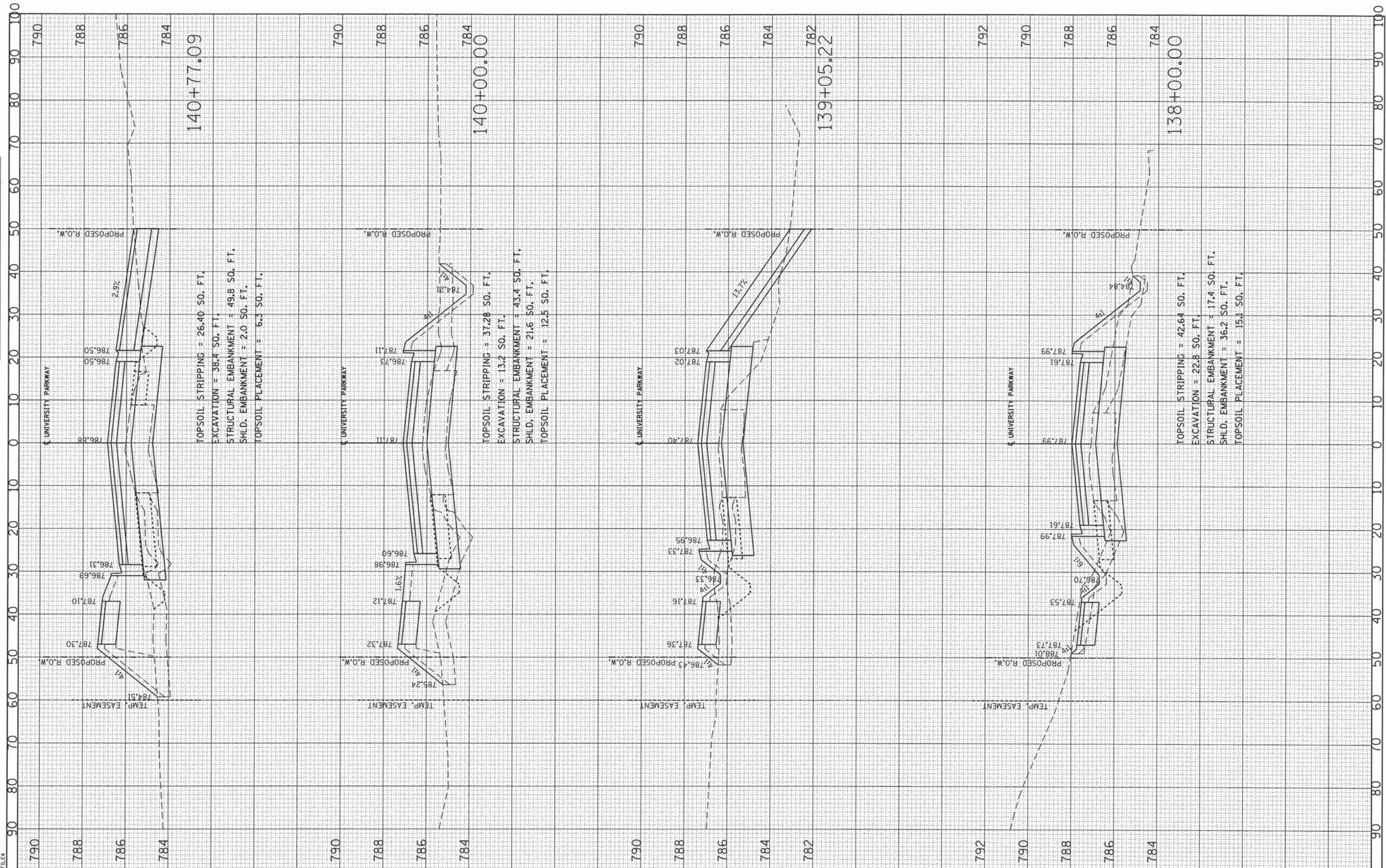
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS UNIVERSITY PARKWAY			
SCALE: 1"=10' H.	SHEET	OF	SHEETS
STA. 134+32.38	TO STA.	137+00.00	

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 100
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT

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

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



CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = aodah	DESIGNED - AS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

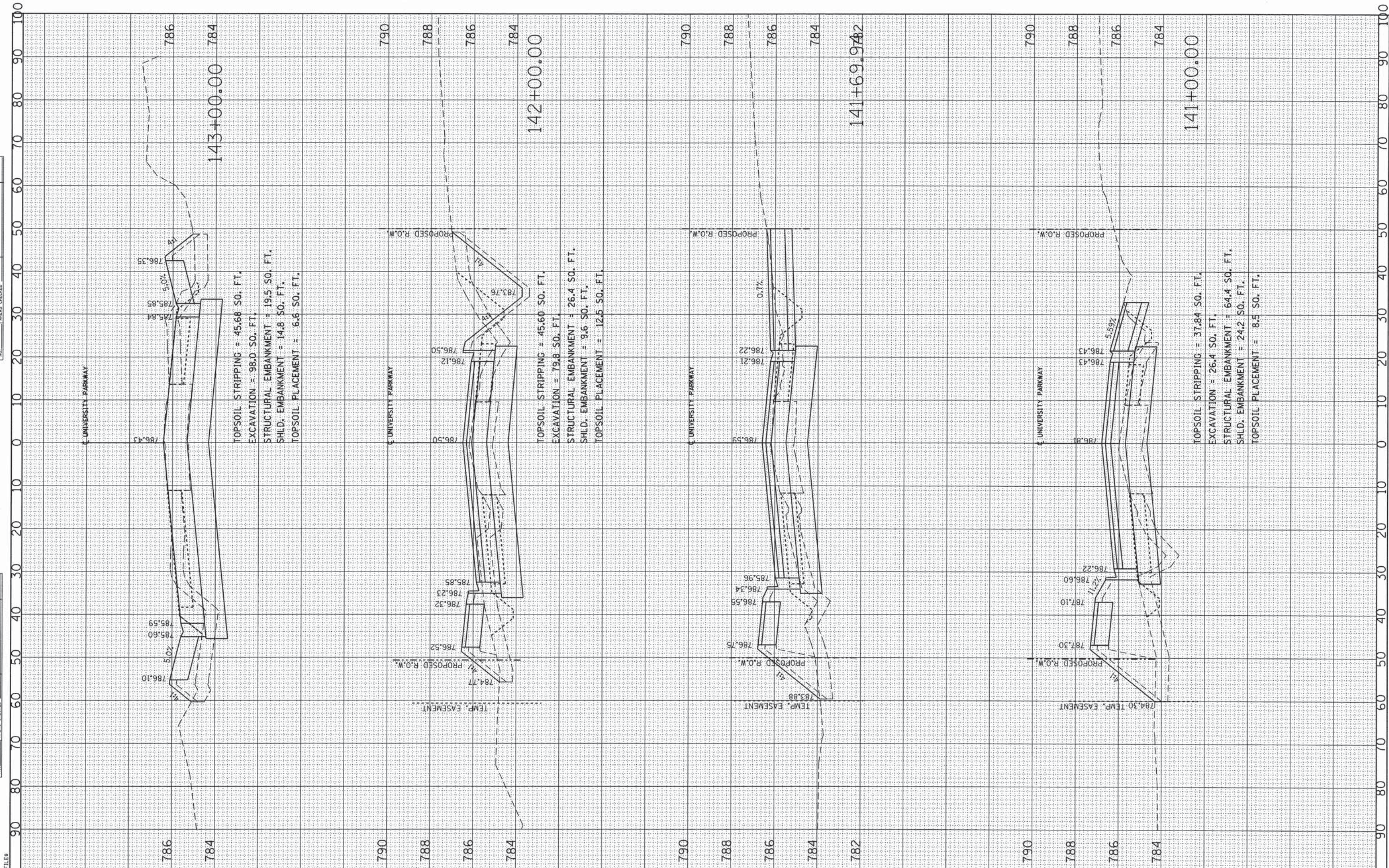
SCALE: 1"=10' H.		SHEET OF SHEETS		STA. 138+00.00 TO STA. 140+77.09	
------------------	--	-----------------	--	----------------------------------	--

**CROSS SECTIONS
 UNIVERSITY PARKWAY**

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 101
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
PLOTTED	BY
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
PLOTTED	BY
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	



© Copyright CMT, Inc.
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = aodah	DESIGNED - AS	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

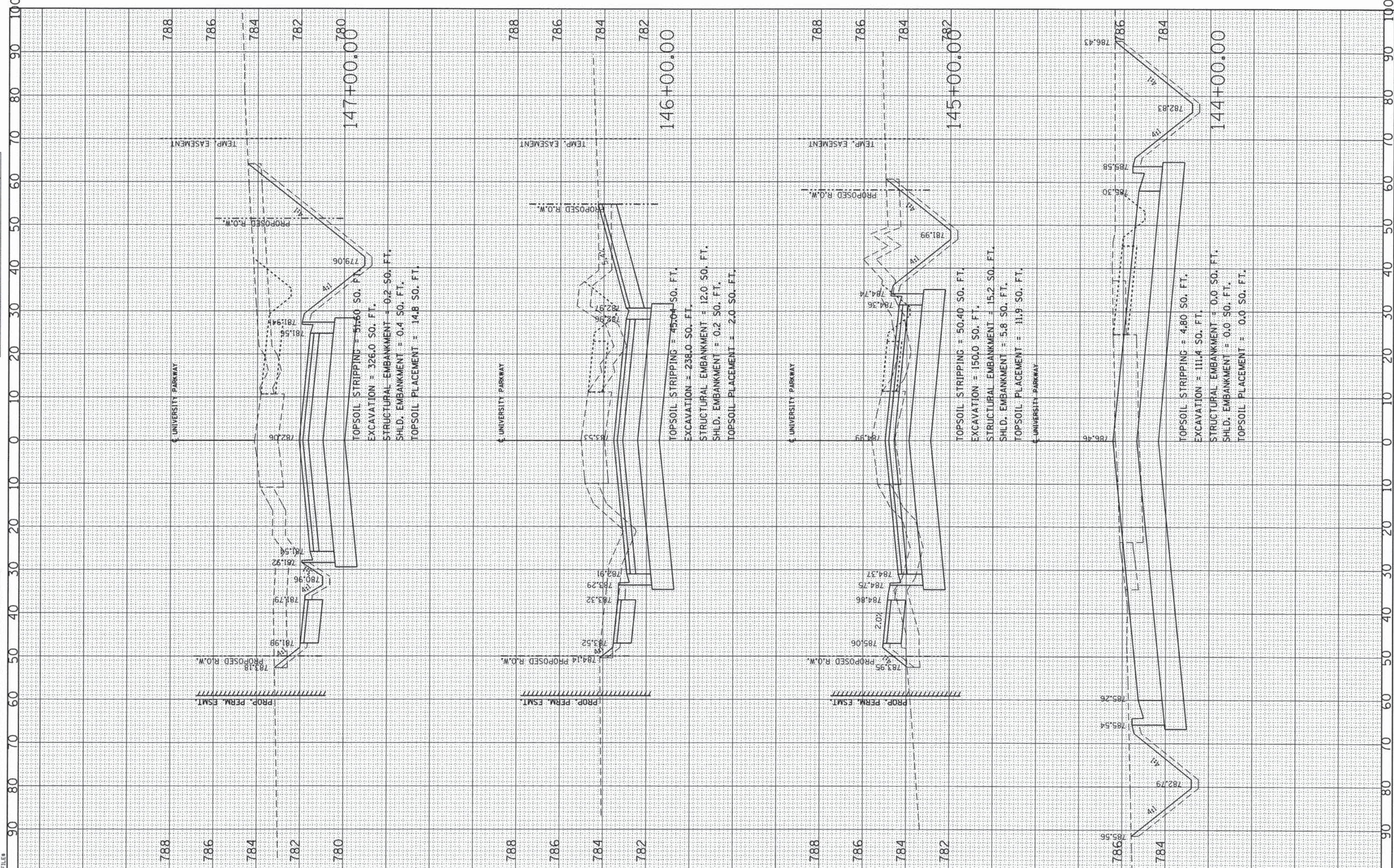
**CROSS SECTIONS
 UNIVERSITY PARKWAY**

SCALE: 1"=10' H. SHEET OF SHEETS STA. 141+00.00 TO STA. 143+00.00

F.A.U. RTE. 1637	SECTION 96-0014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 102
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63709	

FINAL SURVEY	DATE
SURVEY	BY
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEY	BY
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	



CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aadeh	DESIGNED - AS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

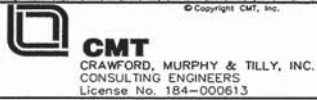
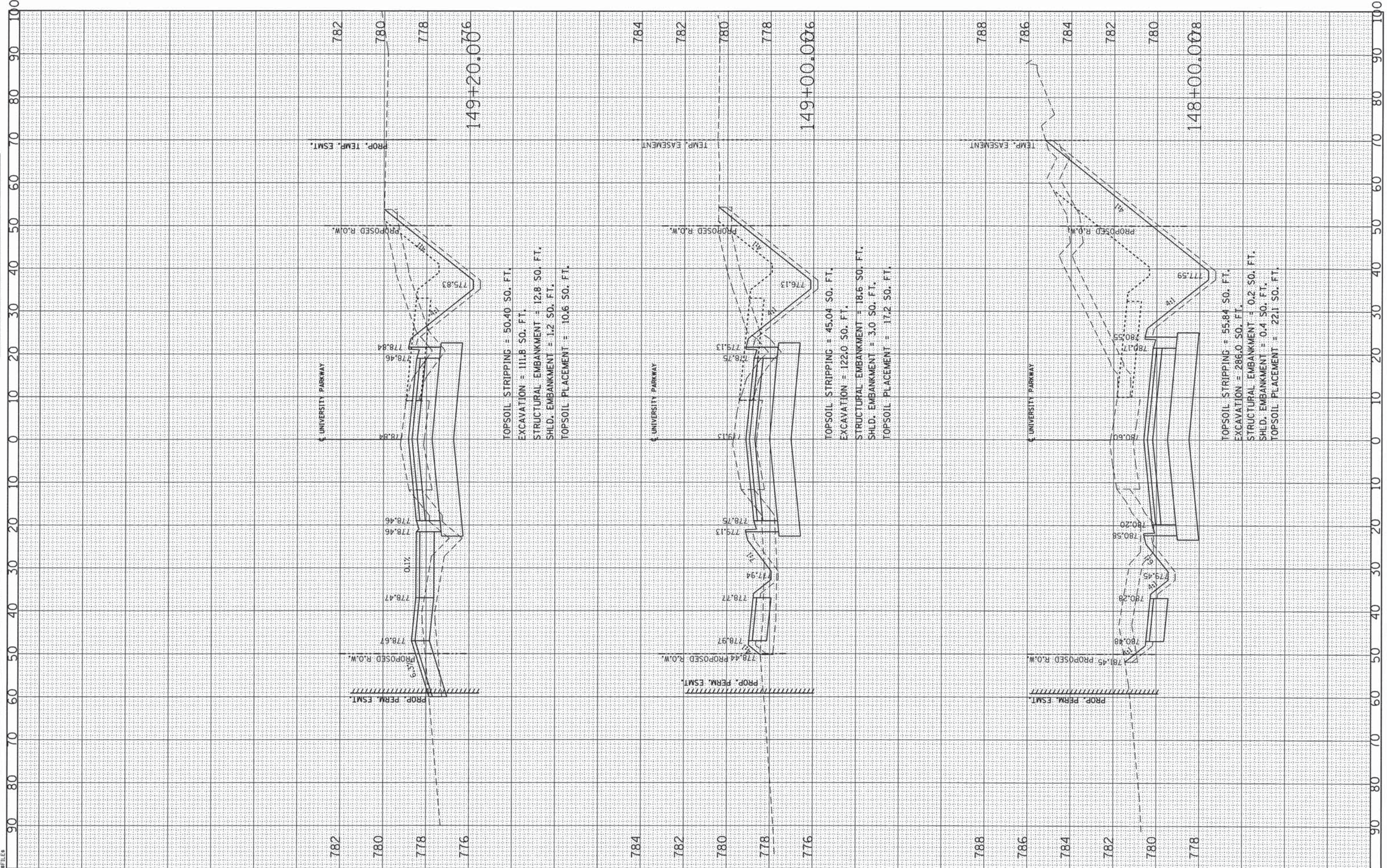
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS UNIVERSITY PARKWAY			
SCALE: 1"=10' H.	SHEET	OF	SHEETS
STA. 144+00.00	TO STA.	147+00.00	

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 103
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT

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

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



USER NAME = aadeh	DESIGNED - AS	REVISED -
PLLOT SCALE = 10.0000' / in.	DRAWN - AS	REVISED -
PLLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

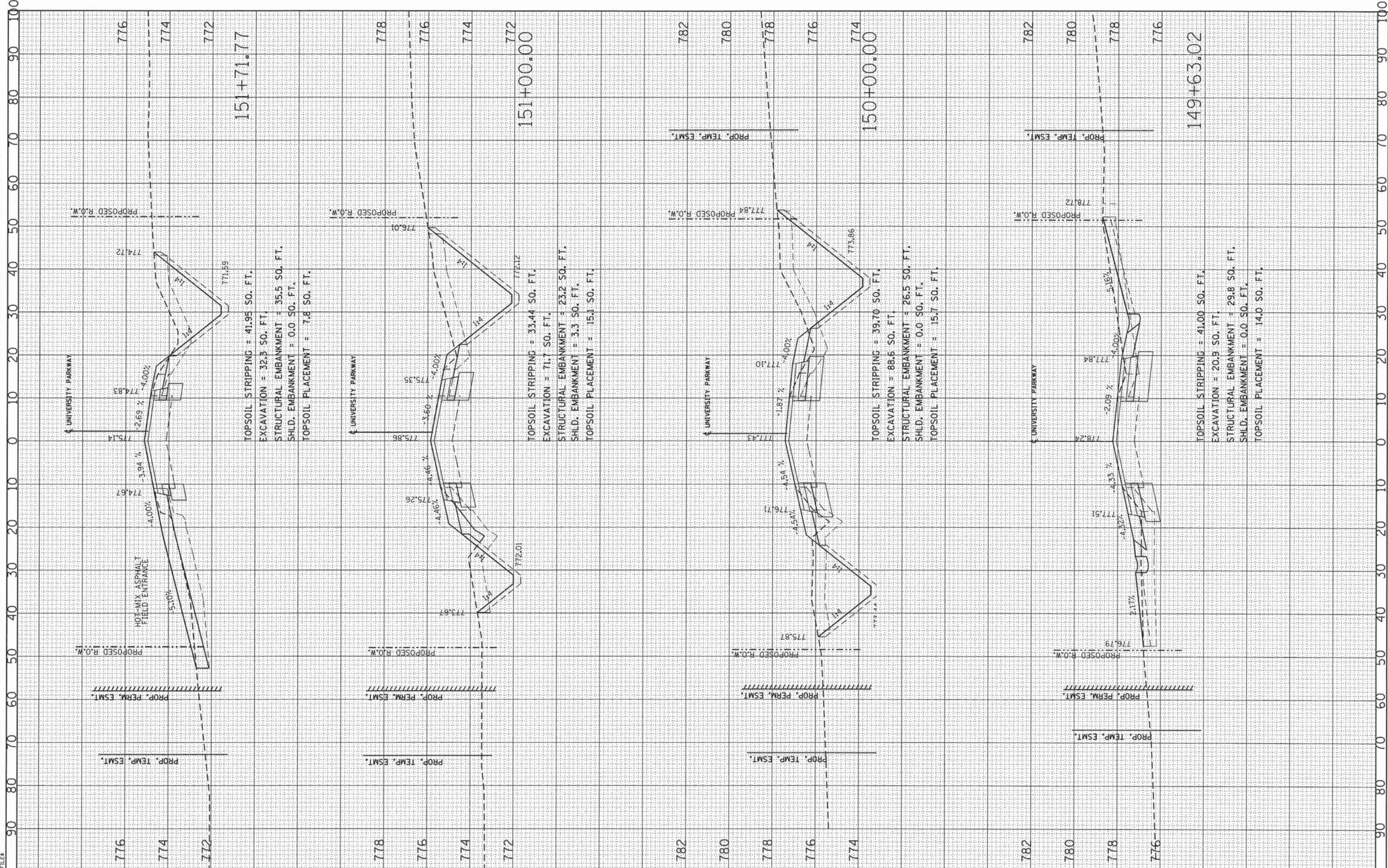
**CROSS SECTIONS
UNIVERSITY PARKWAY**

SCALE: 1"=10' H. SHEET OF SHEETS STA. 148+00.00 TO STA. 149+20.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	104
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT

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

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



CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
PLOT SCALE = 10.0000' / 1" =	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

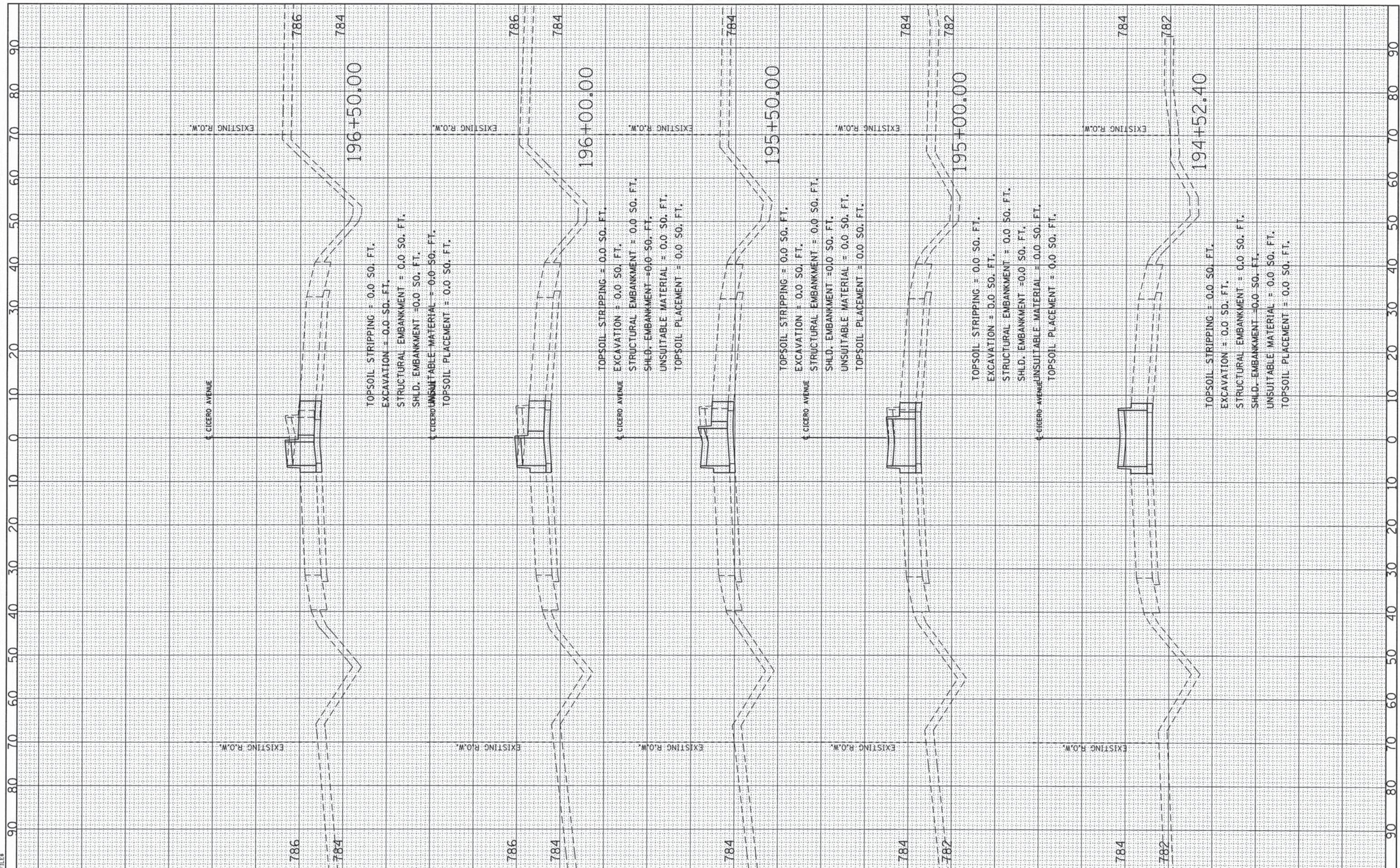
CROSS SECTIONS
UNIVERSITY PARKWAY

SCALE: 1"=10' H. SHEET OF SHEETS STA. 149+63.02 TO STA. 151+71.77

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	105
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	DATE
SURVEYED PLOTTED	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
SURVEYED PLOTTED	
NOTE BOOK	
AREAS CHECKED	



© Copyright CMT, Inc.
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
	DRAWN - AS	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

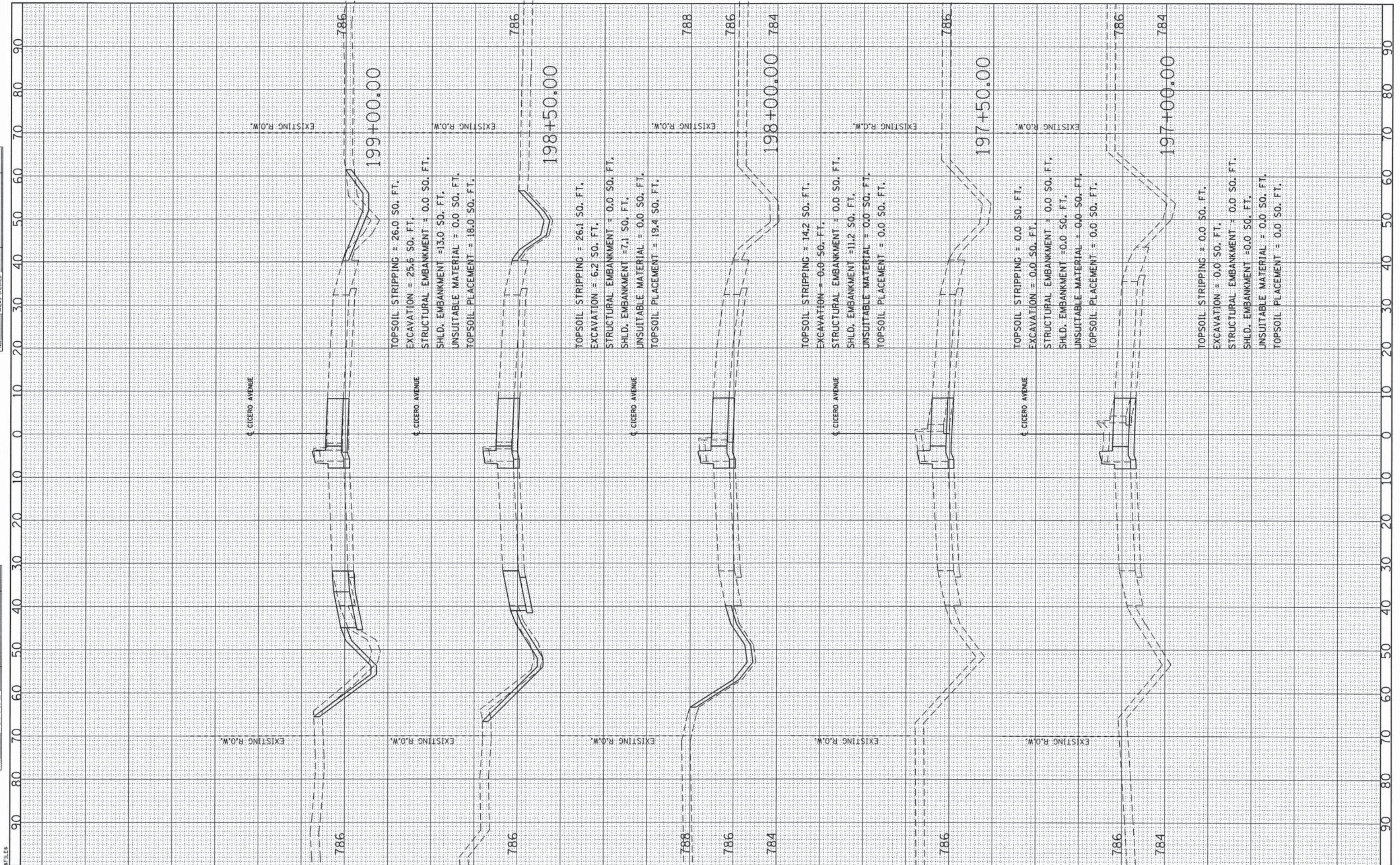
**CROSS SECTIONS
CICERO AVENUE**

SCALE: 1"=10' H. SHEET OF SHEETS STA. 194+52.40 TO STA. 196+50.00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 107
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
NO.	
ORIGINAL SURVEY	DATE
NO.	
CHECKED	DATE
NO.	
PLOTTED	DATE
NO.	
TEMPLATE	DATE
NO.	
AREAS CHECKED	DATE
NO.	

ORIGINAL SURVEY	DATE
NO.	
CHECKED	DATE
NO.	
PLOTTED	DATE
NO.	
TEMPLATE	DATE
NO.	
AREAS CHECKED	DATE
NO.	



CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
	DRAWN - AS	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 12/24/2013	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

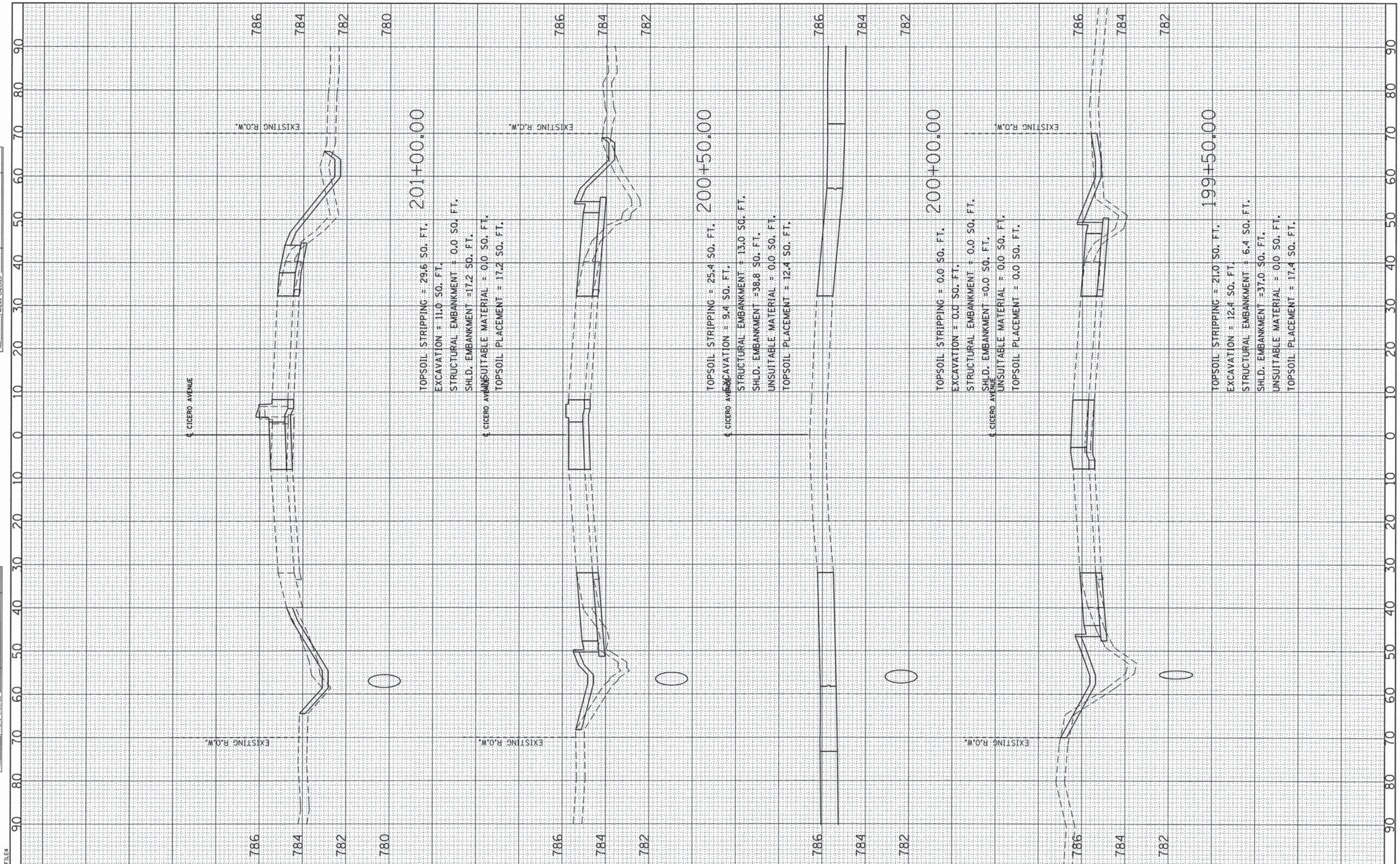
SCALE: 1"=10' H.	SHEET	OF	SHEETS	STA. 197+00.00	TO STA. 199+00.00
------------------	-------	----	--------	----------------	-------------------

**CROSS SECTIONS
CICERO AVENUE**

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 108
CONTRACT NO. 63709				ILLINOIS FED. AID PROJECT

FINAL SURVEY	DATE
NOTED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
NOTED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	



CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodah	DESIGNED - AS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

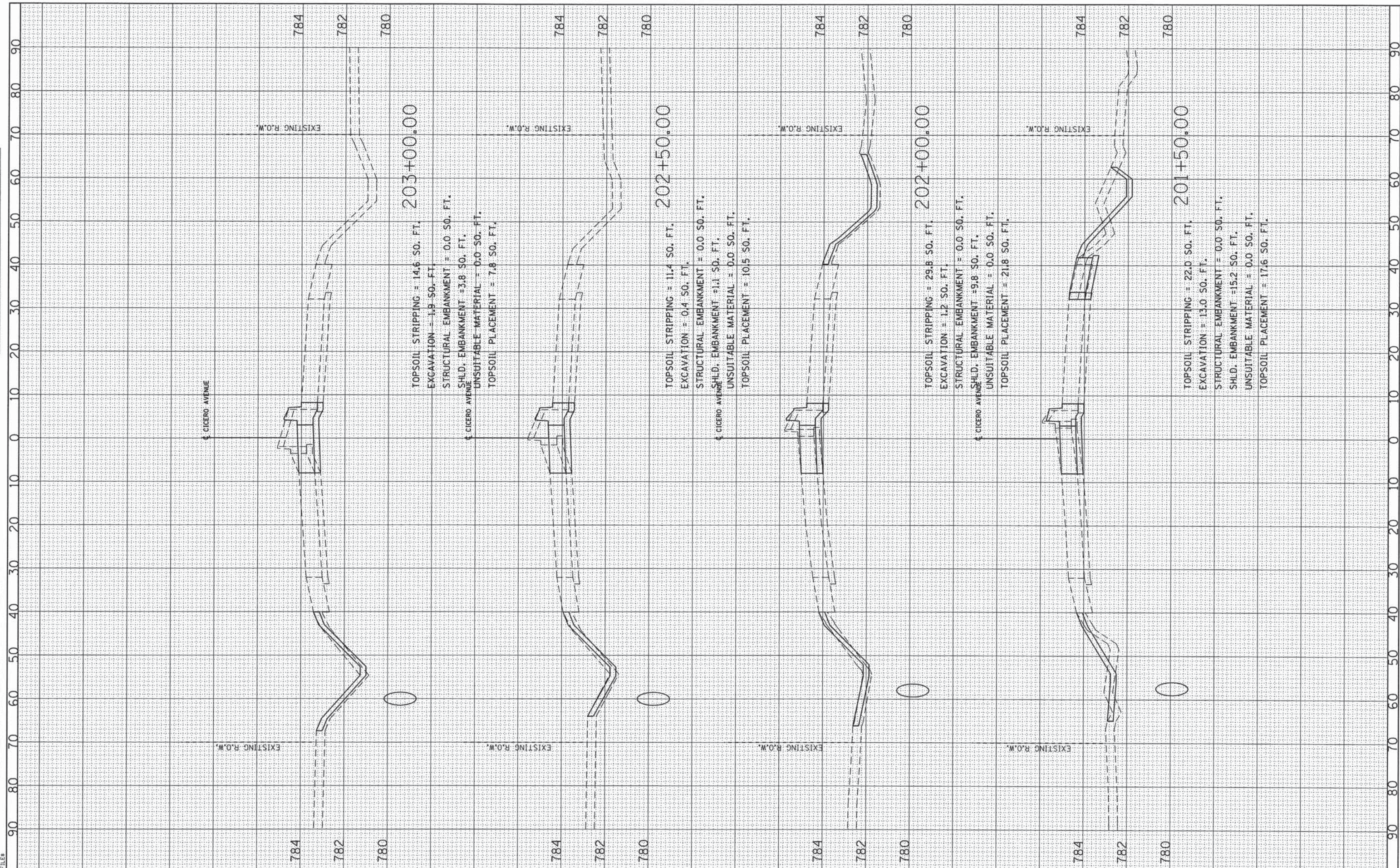
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS CICERO AVENUE	
SCALE: 1"=10' H.	SHEET OF SHEETS
STA. 199+50.00	TO STA. 201+00.00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 109
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
CHECKED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
CHECKED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
CHECKED		



CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

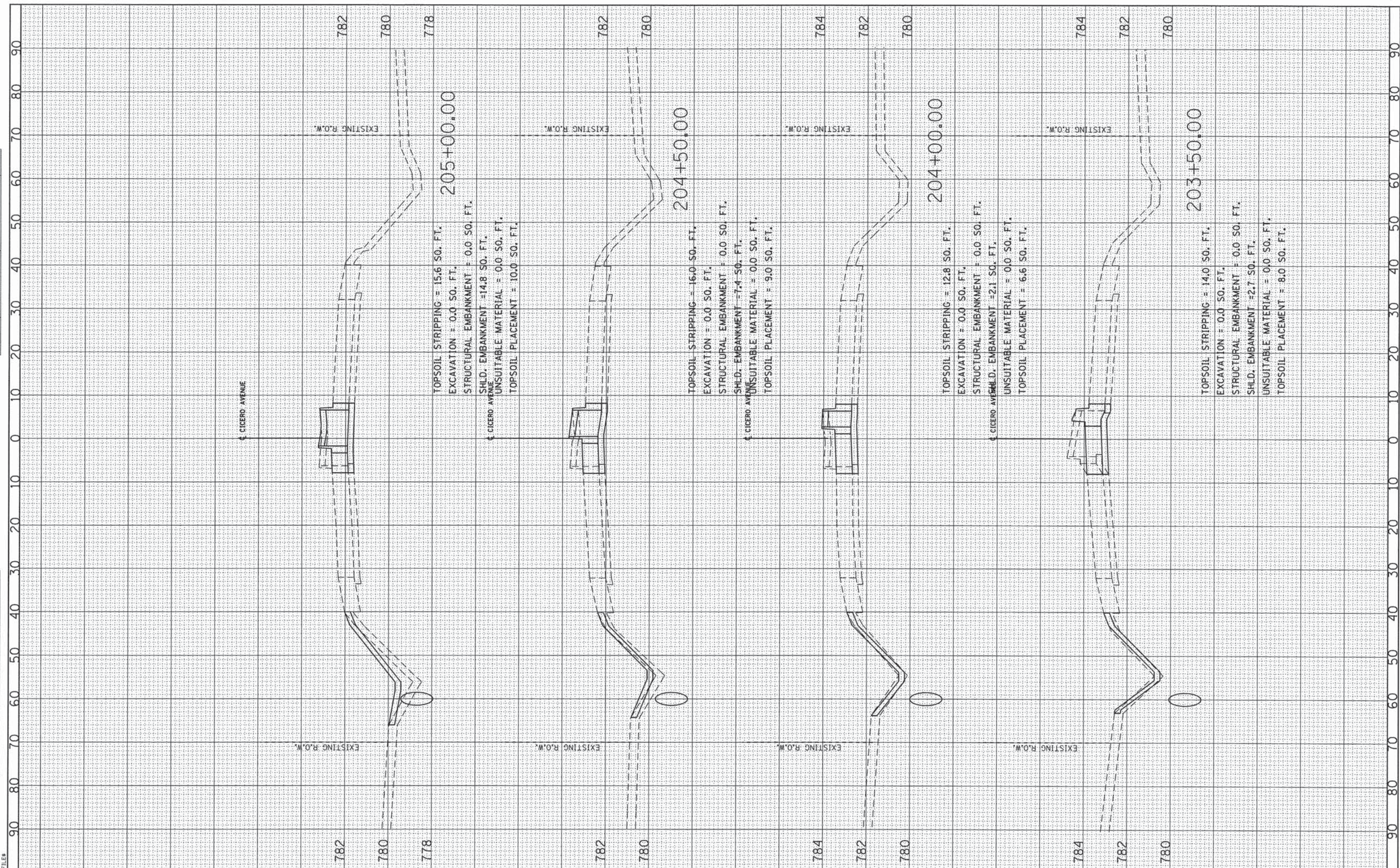
**CROSS SECTIONS
CICERO AVENUE**

SCALE: 1"=10' H. SHEET OF SHEETS STA. 201+50.00 TO STA. 203+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-00-PV	WILL	112	110
CONTRACT NO. 63709				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	BY	DATE
SURVEYED		
NOTE BOOK		
PLATE		
AREAS CHECKED		



205+00.00
 TOPSOIL STRIPPING = 15.6 SQ. FT.
 EXCAVATION = 0.0 SQ. FT.
 STRUCTURAL EMBANKMENT = 0.0 SQ. FT.
 SHLD. EMBANKMENT = 14.8 SQ. FT.
 UNSUITABLE MATERIAL = 0.0 SQ. FT.
 TOPSOIL PLACEMENT = 10.0 SQ. FT.

204+50.00
 TOPSOIL STRIPPING = 16.0 SQ. FT.
 EXCAVATION = 0.0 SQ. FT.
 STRUCTURAL EMBANKMENT = 0.0 SQ. FT.
 SHLD. EMBANKMENT = 7.4 SQ. FT.
 UNSUITABLE MATERIAL = 0.0 SQ. FT.
 TOPSOIL PLACEMENT = 9.0 SQ. FT.

204+00.00
 TOPSOIL STRIPPING = 12.8 SQ. FT.
 EXCAVATION = 0.0 SQ. FT.
 STRUCTURAL EMBANKMENT = 0.0 SQ. FT.
 SHLD. EMBANKMENT = 2.1 SQ. FT.
 UNSUITABLE MATERIAL = 0.0 SQ. FT.
 TOPSOIL PLACEMENT = 6.6 SQ. FT.

203+50.00
 TOPSOIL STRIPPING = 14.0 SQ. FT.
 EXCAVATION = 0.0 SQ. FT.
 STRUCTURAL EMBANKMENT = 0.0 SQ. FT.
 SHLD. EMBANKMENT = 2.7 SQ. FT.
 UNSUITABLE MATERIAL = 0.0 SQ. FT.
 TOPSOIL PLACEMENT = 8.0 SQ. FT.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

USER NAME = eodeh	DESIGNED - AS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

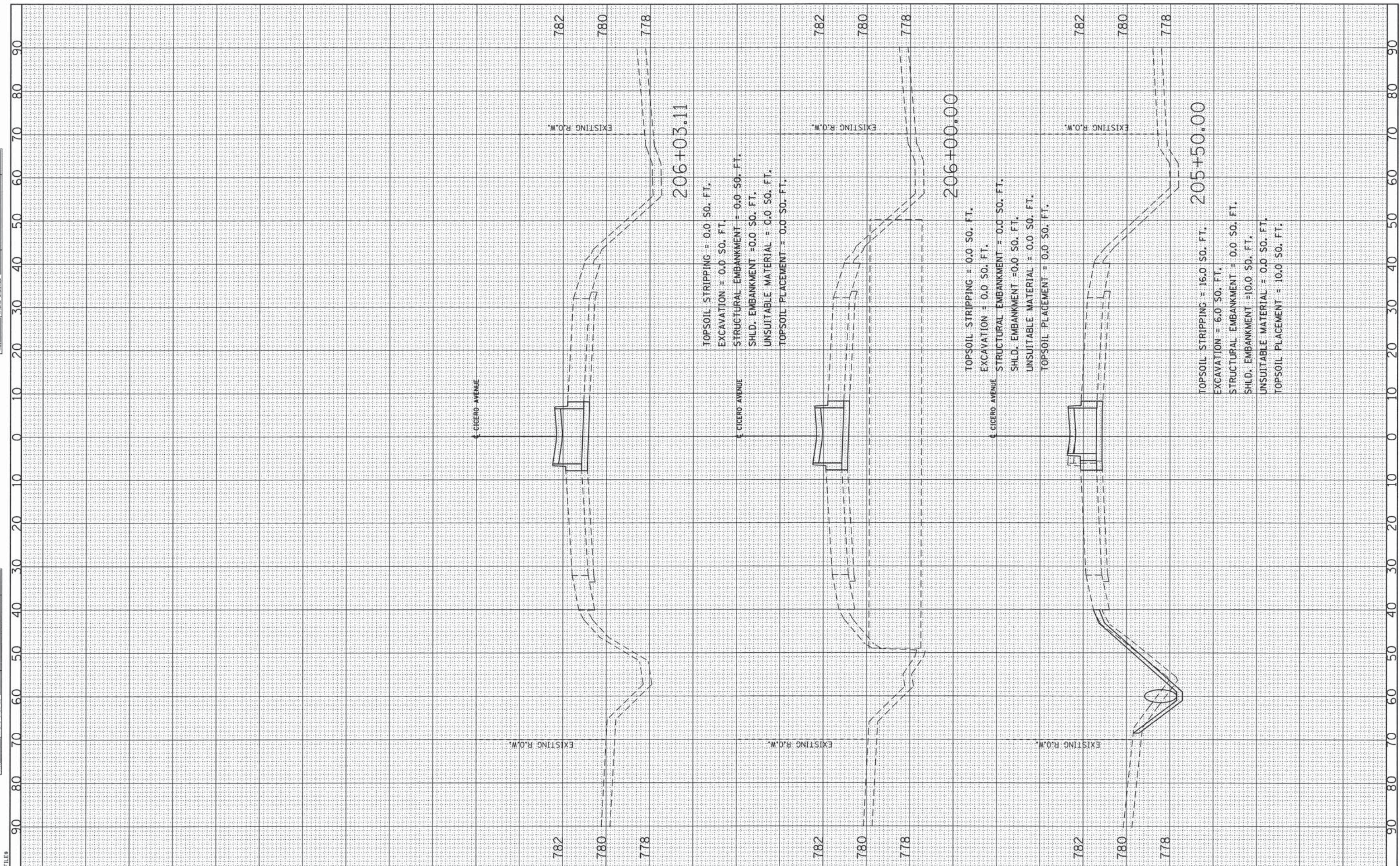
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS CICERO AVENUE	
SCALE: 1"=10' H.	SHEET OF SHEETS
STA. 203+50.00	TO STA. 205+00.00

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 111
				CONTRACT NO. 63709
ILLINOIS FED. AID PROJECT				

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

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



CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

USER NAME = aodeh	DESIGNED - AS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AS	REVISED -
PLOT DATE = 12/24/2013	CHECKED - KDN	REVISED -
	DATE - 12/26/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CICERO AVENUE

SCALE: 1"=10' H.	SHEET	OF	SHEETS	STA. 205+50.00	TO STA. 206+03.11
------------------	-------	----	--------	----------------	-------------------

F.A.U. RTE. 1637	SECTION 96-00014-00-PV	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 112
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63709	