

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS**  
**PLANS FOR PROPOSED**  
**FEDERAL AID HIGHWAY**  
**FAU 1637 UNIVERSITY PARKWAY**  
**EAST OF METRA ENTRANCE TO CRAWFORD AVENUE**  
**WIDENING AND RECONSTRUCTION**  
**SECTION 96-00014-01-PV**  
**PROJECT NO: M-4003(384)**  
**VILLAGE OF UNIVERSITY PARK**  
**WILL COUNTY**  
**JOB NO: C-91-447-14**



**INDEX TO SHEETS**

SHEET NO.	DESCRIPTION
1	COVER SHEET
2 - 3	GENERAL NOTES
4 - 7	SUMMARY OF QUANTITIES
8 - 11	SCHEDULE OF QUANTITIES
12 - 13	DRAINAGE SCHEDULES
14 - 16	TYPICAL SECTIONS
17	ALIGNMENT, TIES AND BENCHMARKS
18 - 25	SUGGESTED MAINTENANCE OF TRAFFIC PLANS
26 - 27	DETOUR PLAN
28 - 33	REMOVAL SHEETS
34 - 44	PLAN AND PROFILE
45 - 55	DRAINAGE AND UTILITY PLANS
56 - 58	DRAINAGE DETAILS
59	INTERSECTION GRADE DETAIL
60 - 65	PAVEMENT MARKING AND SIGNING PLANS
66	EROSION CONTROL GENERAL NOTES
67 - 72	LANDSCAPING AND EROSION CONTROL PLANS
73	EROSION CONTROL DETAILS
74 - 81	STREET LIGHTING PLANS AND DETAILS
82 - 84	TRAFFIC SIGNAL PLANS AND DETAILS
85 - 101	DETAIL SHEETS
102	EARTHWORK SCHEDULE AND GENERAL NOTES
103 - 112	CROSS SECTIONS - UNIVERSITY PARKWAY
113 - 119	CROSS SECTIONS - CRAWFORD AVENUE

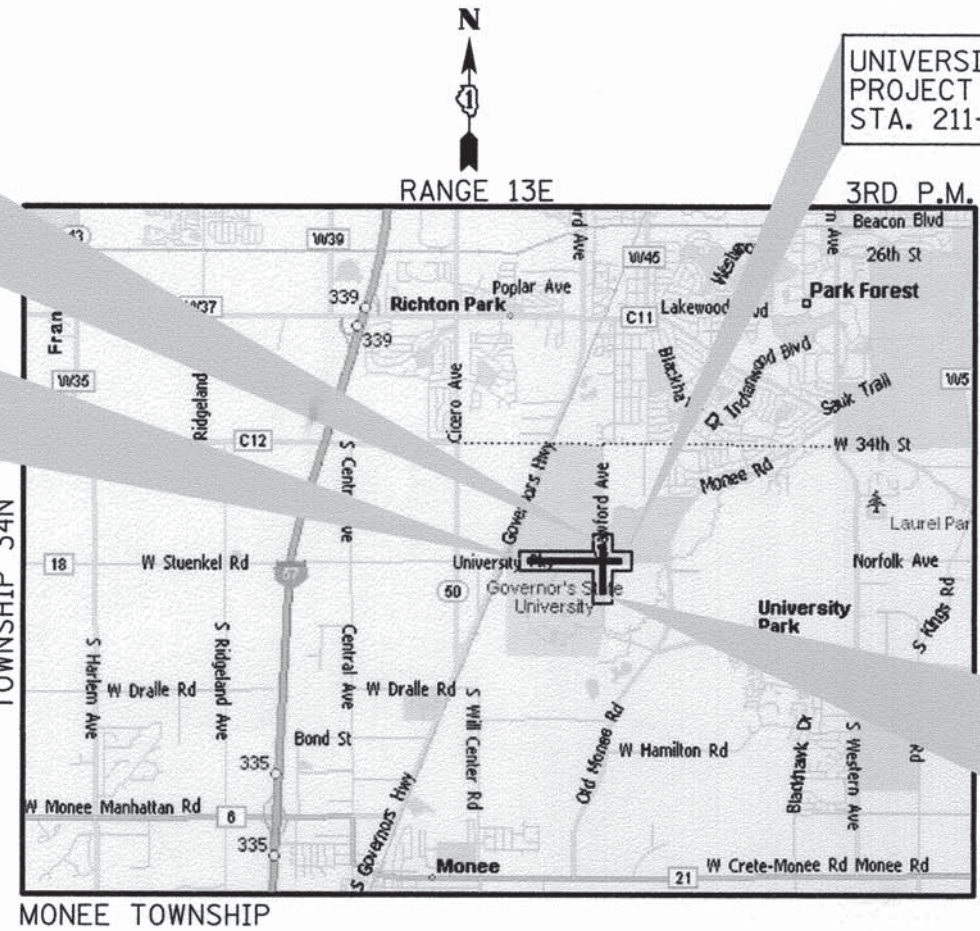
**DESIGN DESIGNATION**  
 (06) ARTERIAL 0.5 (AC-20)  
 (06) ARTERIAL 4.6668 (AC-20)  
 (06) ARTERIAL 4.266 (AC-20)

**POSTED SPEED LIMIT**  
 40 MPH UNIVERSITY PARKWAY  
 40 MPH CRAWFORD AVENUE

**AVERAGE DAILY TRAFFIC (ADT)**  
 10,900 VPD UNIVERSITY PARKWAY  
 7,140 VPD CRAWFORD AVE

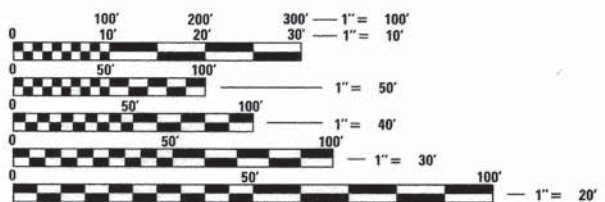
CRAWFORD AVENUE  
PROJECT ENDS  
STA. 404+85.19

UNIVERSITY PARKWAY  
PROJECT BEGINS  
STA. 170+71.62



UNIVERSITY PARKWAY  
PROJECT ENDS  
STA. 211+00.00

CRAWFORD AVENUE  
PROJECT BEGINS  
STA. 391+19.93



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: 3,975.38 L.F. = 0.75 MILES  
 CRAWFORD AVE: 1,365.26 L.F. = 0.26 MILES  
 GROSSNET LENGTH = 5,341 FEET (1.01 MILES)

(SECTION 3 ONLY)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

the village of  
**University Park**

APPROVED 8/10 2015  
R. Balano.

PASSED 9-2- 2015  
C. Hult/d  
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID September 2 2015  
BASED ON LIMITED REVIEW  
John Fortson  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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

PROGRAM AND OFFICE ENGINEER, FAWAD AQUEEL (847)705-4021, SCHAUMBURG, IL

**STANDARDS DRAWINGS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
202001-01	EARTH MEDIAN DITCH CHECK
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER DETAILS - ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542001-04	REINFORCED CONCRETE END SECTIONS WITH PARALLEL WINGWALLS FOR PIPE CULVERTS 12" (300 MM) THRU 48" (1200 MM) DIAMETER AT RIGHT ANGLE WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTIONS
542311-05	TRANSVERSABLE PIPE GRATE
542546-01	FLUSH INLET BOX FOR MEDIAN
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE, TYPE A
602406-06	MANHOLE, TYPE A, 72" (1800 MM) DIAMETER
602501-02	VALVE VAULT, TYPE A
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-04	FRAME AND LIDS, TYPE 1
604036-03	GRATE, TYPE 8
604056-04	FRAME AND GRATE, TYPE 11V
604086-03	FRAME AND GRATE, TYPE 23
604091-03	FRAME AND GRATE, TYPE 24
606001-06	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
664001-02	CHAIN LINK FENCE
665001-02	WOVEN WIRE FENCE
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' 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
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
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 NONTRAVERSABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	CONCRETE HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
877001-05	STEEL MAST ARM ASSEMBLY AND POLE, 16' THROUGH 55'
877011-05	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
878001-10	CONCRETE FOUNDATION DETAILS
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 MOVED
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-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
TS-05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-07	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

**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 Boomsm 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
WINDSTREAM 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. 171+24.62 TO STA. 205+67.00  
CRAWFORD AVENUE - STA. 391+19.93 TO STA. 400+00.00

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

UNIVERSITY PARKWAY - STA. 205+67.00 TO 211+00.00  
CRAWFORD AVENUE - STA. 400+00 TO STA. 404+85.19

STRUCTURAL DESIGN TRAFFIC: YEAR 2040  
PV= 1,496 SU= 119 MU= 85  
ROAD/STREET CLASSIFICATION: CLASS= III  
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
P= 50 S= 50 M= 50  
TRAFFIC FACTOR: ACTUAL TF= 0.5 AC TYPE= 20

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

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.

L:\UNIVPARK\4220-01 UnivPkwyEast\Sec\Draw\CADD\_Sheets\gennotes.dgn 2/2/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: gennotes.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 50.0000 ' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 2/2/2015 9:30:31 AM	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES  
SHEET 1 OF 2

SCALE: NONE	SHEET OF SHEETS	STA. N/A TO STA. N/A	F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 2
						CONTRACT NO. 61A75	
ILLINOIS FED. AID PROJECT							

**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, 2015.
- 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 VILLAGE OF UNIVERSITY PARK.
- 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. MEAN SEA LEVEL DATUM.

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.

8. 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).

9. 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.

10. ALL RADII ARE MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

11. 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 ACCORDANCE WITH 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.

12. 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.

13. RADIUS CALLOUTS ON DRIVEWAYS AND SIDE STREETS ARE TYPICAL FOR BOTH SIDES UNLESS OTHERWISE NOTED.

14. 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.

15. 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.

17. 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)  
TREE REMOVAL (OVER 15 INCH DIAMETER)

18. 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.

19. MAILBOXES WILL NEED TO BE TEMPORARILY MOVED BECAUSE OF CONSTRUCTION OPERATIONS. MAILBOXES MAY HAVE TO BE MOVED MORE THAN ONCE. THE CONTRACTOR SHALL TEMPORARILY PLACE AND SUPPORT THE MAILBOX SO THAT IT IS SUITABLE FOR MAIL DELIVERY. MAINTAINING THE MAILBOX DURING CONSTRUCTION AND REPLACING THE EXISTING MAILBOX WITH A NEW MAILBOX AFTER COMPLETION OF CONSTRUCTION AT ITS PERMANENT LOCATION.

20. 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: EDWARD BRADLEY  
PHONE: (708)534-0913

**GENERAL NOTES, CONTINUED**

21. THE CONTRACTOR SHALL ERECT TEMPORARY FENCING 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.

22. 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.

23. ANTICIPATED AREAS OF PGE PLACEMENT ARE SHOWN ON THE CROSS SECTIONS. THE THICKNESS OF PGE WILL VARY.

24. 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 INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION.

25. 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 AVOIDABLE, CONSTRUCTED WITHIN THE VEHICLES "WHEEL LANE", WILL BE READJUSTED AT THE CONTRACTOR'S EXPENSE.

26. 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.

27. 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 ALSO BE CLEANED AND PAID FOR AS "DRAINAGE STRUCTURES TO BE CLEANED".

28. 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.

29. ALL DISTRIBUTORS FOR BITUMINOUS PRIMING OPERATIONS SHALL BE EQUIPPED WITH SHIELDS TO PREVENT DAMAGES TO MOTORIST, VEHICLES, AND TO ADJACENT ROADWAY APPURTENANCE.

30. ALL CASTINGS WITHIN OR ADJACENT TO PAVEMENT STRUCTURES SHALL BE LEFT 3/16" BELOW THE SURFACE AS DIRECTED BY THE ENGINEER.

31. 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.

32. CONSTRUCTION PERMITS WILL BE REQUIRED FROM WILL COUNTY AND IDOT DISTRICT 1, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ACQUIRE ALL PERMITS PRIOR TO STARTING OF CONSTRUCTION.

33. THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURE QUANTITIES IS 112 LBS/IN<sup>3</sup>.

**REMOVAL NOTES**

1. REMOVAL OF GRAVEL DRIVEWAYS AND GRAVEL SHOULDERS SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION.

2. REMOVAL OF BITUMINOUS CONCRETE DRIVEWAYS, BITUMINOUS SHOULDERS, BIKEPATH AND ENTRANCES REGARDLESS OF DEPTH SHALL BE MEASURED AND PAID FOR AS PAVEMENT REMOVAL.

3. 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 PIPE CULVERT REMOVAL AND REMOVE EXISTING CULVERTS; STORM SEWER TO BE REMOVED SHALL BE PAID BY THE RESPECTIVE DIAMETER, REGARDLESS OF MATERIAL.

4. 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.

5. EXISTING END SECTIONS TO BE REMOVED SHALL BE MEASURED PER EACH. HEADWALLS TO BE REMOVED SHALL BE MEASURED PER EACH.

6. FRAME AND LID ADJUSTMENTS FOR PUBLIC UTILITIES WITHIN THE PROJECT LIMITS WILL BE DONE BY THEIR RESPECTIVE OWNERS, UNLESS OTHERWISE NOTED.

7. 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 SAW CUTS, PER ARTICLE 442.11.

8. ALL PRIVATE SIGNS SHALL BE RELOCATED BY PROPERTY OWNERS PRIOR TO THE START OF CONSTRUCTION.

**DRAINAGE NOTES**

1. 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 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.

2. 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.

3. 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.

4. 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.

5. 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 202.06.

6. 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.

7. 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.

**MISCELLANEOUS PLAN NOTES**

1. ALL BIKE PATH RAMPS SHALL MEET CURRENT ADA STANDARDS AND BE TEXTURED AND COLORED IN ACCORDANCE WITH IDOT STANDARD 424001 AND THE SPECIAL PROVISIONS.

L:\UNIVP\ARK\4220-01\UnivPkwyEast\Sec\Dr\ow\CADD\_Sheets\gemnotes.2.dgn 1/29/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: gemnotes.2dgn	DRAWN - AS	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:07 PM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES  
SHEET 2 OF 2**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	3
<b>CONTRACT NO. 61A75</b>				
ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

SPECIALTY ITEM	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	686	686		
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	333	333		
	20101100	TREE TRUNK PROTECTION	EACH	28	28		
	20200100	EARTH EXCAVATION	CU YD	11,337	11,337		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	11,206	11,206		
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	1,408	1,408		
	20800150	TRENCH BACKFILL	CU YD	1,867.5	1,867.5		
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	24,392	24,392		
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	28,406	28,406		
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	4,840	4,840		
*	21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	4,840	4,840		
	21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	200	200		
*	25000210	SEEDING, CLASS 2A	ACRE	3.25	3.25		
*	25000310	SEEDING, CLASS 4	ACRE	0.75	0.75		
*	25000322	SEEDING, CLASS 5B	ACRE	0.25	0.25		
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	450	450		
*	25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	450	450		
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	450	450		
*	25100630	EROSION CONTROL BLANKET	SQ YD	20,570	20,570		
*	25200110	SODDING, SALT TOLERANT	SQ YD	12,676	12,676		
*	25200200	SUPPLEMENTAL WATERING	UNIT	100	100		
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	687	687		
	28000305	TEMPORARY DITCH CHECKS	FOOT	688	688		
	28000400	PERIMETER EROSION BARRIER	FOOT	4,565	4,565		
	28000500	INLET AND PIPE PROTECTION	EACH	3	3		

SPECIALTY ITEM	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	28000510	INLET FILTERS	EACH	59	59		
	28100105	STONE RIPRAP, CLASS A3	SQ YD	148	148		
	28200200	FILTER FABRIC	SQ YD	148	148		
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	24,392	24,392		
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	4,194	4,194		
	35501300	HOT-MIX ASPHALT BASE COURSE, 4"	SQ YD	415	415		
	35501314	HOT-MIX ASPHALT BASE COURSE, 7 1/2"	SQ YD	20,897	20,897		
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	30.0	30.0		
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	566	566		
	40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	140	140		
	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	3,601	3,601		
	40600990	TEMPORARY RAMP	SQ YD	200	200		
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	437	437		
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,805	2,805		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,827	3,827		
	42400800	DETECTABLE WARNINGS	SQ FT	271	271		
	44000100	PAVMENT REMOVAL	SQ YD	12,523	12,523		
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	2,818	2,818		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	215	215		
	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2,503	2,503		
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	68.3	68.3		
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	331	331		
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	381	381		

**NOTE:**

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

L:\UNIVERSITY\14220-01\UnivPkwyEcor+Sec\Draw\CADD\_Sheets\500.dgn 1/30/2015



USER NAME = Kristan Timmons	DESIGNED - AS	REVISED -
FILE NAME = 500.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 58.8889' / 1" =	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 10:27:02 AM	DATE - 1/16/2015	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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	4
			CONTRACT NO. 61A75	
ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

SPECIALTY ITEM	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	50105220	PIPE CULVERT REMVOAL	FOOT	470	470		
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1	1		
	54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1	1		
	54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	91	91		
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1		
	54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2		
	54260311	TRAVERSABLE PIPE GRATE	FOOT	26	26		
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	836	836		
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	329	329		
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	79	79		
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	107	107		
	550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	68	68		
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	515	515		
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	222	222		
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	502	502		
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,134	1,134		
	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	511	511		
	550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	60	60		
	550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	573	573		
	550A0730	STORM SEWERS, CLASS A, TYPE 3 30"	FOOT	53	53		
	55100500	STORM SEWER REMOVAL 12"	FOOT	472	472		
	55100900	STORM SEWER REMOVAL 18"	FOOT	1,413	1,413		
*	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	56	56		
*	56400100	FIRE HYDRANTS TO BE MOVED	EACH	2	2		
	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	782	782		

SPECIALTY ITEM	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2		
	60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	9	9		
	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	1	1		
	60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	8	8		
	60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	6		
	60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	3	3		
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	6	6		
	60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2	2		
	60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	21	21		
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1	1		
	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	15	15		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	90	90		
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	8,357	8,357		
	60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	84	84		
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	13	13		
	67100100	MOBILIZATION	L SUM	1	1		
	70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	75	75		
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	38,840	38,840		
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	155	155		
	70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	25,245	25,245		
	70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	281	281		
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	11,802	11,802		
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,700	1,700		

**NOTE:**

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

L:\UNIVPARK\14220-0\UnivPkwyEast\Sec 0\raw\CADD\_Sheets\SOQ.dgn 1/30/2015

**SUMMARY OF QUANTITIES**


SPECIALTY ITEM	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	500	500		
	70600240	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	6	6		
	70600340	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2	EACH	4	4		
	72000100	SIGN PANEL - TYPE 1	SQ FT	357	357		
	72000200	SIGN PANEL - TYPE 2	SQ FT	13	13		
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	9	9		
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	557.5	557.5		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	444	444		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16,588	16,588		
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,674	2,674		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,841	1,841		
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	232	232		
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	450	450		
* #	80400100	ELECTRIC SERVICE INSTALLATION	EACH	2		2	
*	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1			1
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	548			548
*	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	79			79
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	246			246
* #	81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	60		60	
* #	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	341		341	
*	81400100	HANDHOLE	EACH	5			5
*	81400200	HEAVY-DUTY HANDHOLE	EACH	2			2
*	81400300	DOUBLE HANDHOLE	EACH	1			1
* #	81603025	UNIT DUCT, 600V, 2-1C NO.4, 1C NO.4 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	3855		3855	
* #	81702100	ELECTRICAL CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1C NO. 12	FOOT	264		264	

SPECIALTY ITEM	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
* #	82500330	LIGHTING CONTROLLER, PEDESTAL MOUNT, 240 VOLT, 60 AMP	EACH	2		2	
* #	83008300	LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM	EACH	30		30	
* #	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	300		300	
* #	83800505	BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	120		120	
*	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	195			195
*	87301225	ELECTIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	750			750
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1215			1215
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	600			600
*	87301295	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	423			423
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1000			1000
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	68			68
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	534			534
*	87502290	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1			1
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1			1
*	87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1			1
*	87702850	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1			1
*	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1			1
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9			9
*	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4			4
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	23			23
*	88030020	SIGNAL HEAD, LED, 1-FACE 3-SECTION, MAST-ARM MOUNTED	EACH	1			1
*	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4			4

**NOTE:**

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

L:\UNIPARK\14220-0\UnipPark\EastSec\07-cm\CADD\_Sheets\S00.dgn 1/30/2015

	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<p align="center"><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>SUMMARY OF QUANTITIES</b></p>	F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 6
	FILE NAME = S00.dgn	DRAWN - AS	REVISED -			SCALE: N/A	SHEET 3 OF 4 SHEETS	STA. N/A TO STA. N/A	CONTRACT NO. 61A75	
<small>License No. 194-000912 Copyright © 2011</small>	PLOT SCALE = 50.0000' / 1" =	CHECKED - KDN	REVISED -							
	PLOT DATE = 1/30/2015 10:27:03 AM	DATE = 1/16/2015	REVISED -							

**SUMMARY OF QUANTITIES**

SPECIALTY ITEM	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3			3
*	88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1			1
*	88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION BRACKET MOUNTED	EACH	1			1
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2			2
*	88200210	TRAFFIC SIGNAL BACKPLATE LOUVERED, ALUMINUM	EACH	4			4
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	4			4
*	88600100	DETECTOR LOOP, TYPE I	FOOT	534			534
* #	88700200	LIGHT DETECTOR	EACH	3			3
* #	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1			1
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	2			2
*	A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BUHLAPPED	EACH	84	84		
	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	200	200		
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	75	75		
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	7	7		
	Z0019600	DUST CONTROL WATERING	UNIT	10	10		
	Z0020900	ESTABLISHING AND REFERENCING LAND SECTION MARKERS	EACH	2	2		
	Z0023602	GRANULAR CULVERT BACKFILL	CU YD	34	34		
	Z0025505	PROPERTY MARKERS	EACH	17	17		
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	260	260		
*	Z0041900	POLYETHYLENE ENCASEMENT	FOOT	56	56		
	Z0055905	TEMPORARY CONSTRUCTION FENCE	FOOT	1,000	1,000		
	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	86	86		
	Z0062456	TEMPORARY PAVEMENT	SQ YD	9,847	9,847		

SPECIALTY ITEM	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	Z0064600	SELECTIVE CLEARING	ACRE	0.25	0.25		
	Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	425	425		
△	Z0076600	TRAINEES	HOUR	500	500		
△	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500		
	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	9	9		
	X0327149	RELOCATE BENCH	EACH	1	1		
	X2010510	CLEARING AND GRUBBING	L SUM	1	1		
	X2090215	SELECT GRANULAR BACKFILL, SPECIAL	CU YD	12	12		
	<del>406002715</del> 1	BITUMINOUS MATERIALS (PRIME COAT)	POUND	68,648	68,648		
	X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	9,847	9,847		
	X5424505	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546, SPECIAL	EACH	2	2		
*	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	100	100		
	X6022040	MANHOLES, TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	EACH	2	2		
	X6022230	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	2	2		
*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	5	5		
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
	X7240205	REMOVE SIGN COMPLETE	EACH	17	17		
* #	X8211285	LUMINAIRE, LED, HORIZONTAL MOUNT, 285 WATT	EACH	30		30	
	XX008455	INLET BOX, SPECIAL	EACH	1	1		

**NOTE:**

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

L:\UNIVERSITY\14220-01\UnivPkwyEast5ec\Draw\CADD\_Sheets\500.dgn 1/30/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = 500.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 58.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 10:27:04 AM	DATE - 1/16/2015	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	96-00014-01-PV	WILL	119	7
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

**TREE REMOVAL**

STATION / LOCATION			TREE REMOVAL (6 TO 15 UNITS DIA.)	TREE REMOVAL (OVER 15 UNITS)
			(UNIT)	(UNIT)
<b>UNIVERSITY PARKWAY</b>				
186+58.62	49.40'	LT		26
186+59.48	31.90'	LT		26
187+15.77	34.49'	LT		22
187+49.78	34.16'	LT	8	
187+70.40	34.13'	LT	8	
187+70.45	31.28'	LT	12	
187+73.04	33.23'	LT	8	
187+74.01	30.31'	LT	12	
187+75.63	32.90'	LT	9	
190+02.09	29.46'	LT	8	
190+04.36	29.46'	LT	7	
190+07.60	30.43'	LT	12	
190+10.19	29.13'	LT	12	
190+18.57	29.52'	LT	6	
190+20.84	31.79'	LT	10	
190+21.16	29.52'	LT	9	
190+60.02	31.66'	LT	12	
190+62.94	32.64'	LT	8	
190+64.24	30.04'	LT	8	
190+65.53	32.31'	LT	9	
190+86.86	32.61'	LT	11	
191+05.53	29.20'	LT	6	
191+08.40	30.55'	LT	6	
191+11.28	29.78'	LT	7	
191+21.16	29.50'	LT	6	
191+24.22	29.50'	LT	6	
192+18.29	31.12'	LT	14	
193+75.04	29.06'	LT	15	
193+78.33	29.10'	LT		20
193+89.07	29.33'	LT	15	
194+47.11	29.08'	LT	6	
194+47.43	31.02'	LT	7	
194+49.70	30.05'	LT	10	
194+51.64	32.64'	LT	10	
194+52.94	29.40'	LT	8	
195+01.21	30.16'	LT	10	
195+25.19	27.93'	LT	14	
195+28.07	28.70'	LT	12	
195+29.99	27.36'	LT		16
196+24.76	33.96'	LT	12	
196+27.68	35.25'	LT	15	
196+72.53	30.86'	LT	10	
196+75.16	31.65'	LT	12	
196+78.05	30.34'	LT	12	
200+80.15	31.41'	LT		21
200+83.12	31.46'	LT		24
201+22.17	30.53'	LT		20
201+65.51	29.15'	LT		26
202+05.20	28.94'	LT		24

**TREE REMOVAL**

STATION / LOCATION			TREE REMOVAL (6 TO 15 UNITS DIA.)	TREE REMOVAL (OVER 15 UNITS)
			(UNIT)	(UNIT)
202+45.89	30.15'	LT		21
202+48.66	29.95'	LT		21
203+81.55	34.80'	LT	11	
203+84.70	35.46'	LT	12	
203+88.90	35.06'	LT	10	
205+50.33	73.35'	LT		20
205+93.85	34.93'	LT	6	
205+93.85	34.93'	LT	6	
205+93.85	34.93'	LT	6	
206+48.58	38.86'	LT	10	
206+48.58	38.86'	LT	10	
206+48.58	38.86'	LT	12	
206+67.30	31.52'	LT	13	
208+32.41	27.75'	RT		18
208+58.89	19.45'	RT	7	
208+58.89	19.45'	RT	8	
208+58.89	19.45'	RT	8	
208+58.89	19.45'	RT	9	
209+25.05	22.42'	RT	6	
209+25.05	22.42'	RT	7	
209+25.05	22.42'	RT	7	
209+25.05	22.42'	RT	7	
209+25.05	22.42'	RT	8	
209+25.05	22.42'	RT	8	
209+37.25	21.74'	RT	8	
209+46.61	33.51'	RT	12	
<b>CRAWFORD AVENUE</b>				
401+02.53	33.86'	RT		28
401+31.46	33.74'	RT	8	
401+61.51	33.38'	RT	15	
401+91.51	32.76'	RT	15	
402+17.64	32.84'	RT	15	
402+42.18	32.80'	RT	15	
402+67.16	33.45'	RT	15	
403+18.35	33.46'	RT	15	
403+47.82	34.60'	RT	15	
<b>TOTALS</b>			<b>686</b>	<b>333</b>

**EROSION CONTROL SCHEDULE**

STATION / LOCATION			TREE TRUNK PROTECTION	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	INLET FILTERS	STONE RIPRAP, CLASS A3	FILTER FABRIC
			(EACH)	(FOOT)	(FOOT)	(EACH)	(EACH)	(SQ YD)	(SQ YD)
<b>UNIVERSITY PARKWAY</b>									
171+24.62	TO	176+00.00		144	500		3		
176+00.00	TO	182+00.00		144	600		12		
182+00.00	TO	188+00.00		24	600		15		
188+00.00	TO	194+00.00	1	152	600		7		
194+00.00	TO	200+00.00	1	136	600		8		
200+00.00	TO	206+00.00	19	16	425		9		
206+00.00	TO	211+00.00	5	16	400			80	80
<b>CRAWFORD AVENUE</b>									
391+19.93	TO	396+00.00		40	195	2	3	68	68
396+00.00	TO	399+09.13	1	16	310				
400+83.12	TO	402+00.00			130				
402+00.00	TO	404+85.20	1		205	1	2		
<b>TOTALS</b>			<b>28</b>	<b>688</b>	<b>4,565</b>	<b>3</b>	<b>59</b>	<b>148</b>	<b>148</b>

**SEEDING SCHEDULE**

STATION / LOCATION			COMPOST FURNISH AND PLACE, 4"	SEEDING, CLASS			SODDING, SALT TOLERANT	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING
				2A	4	5B						
			(SQ YD)	(ACRE)	(ACRE)	(ACRE)	(SQ YD)	(POUND)	(POUND)	(POUND)	(SQ YD)	(POUND)
<b>UNIVERSITY PARKWAY</b>												
171+24.62	TO	176+00.00		0.75				68	68	68	3,630	75
176+00.00	TO	182+00.00		0.85				77	77	77	4,114	85
182+00.00	TO	188+00.00		0.50			1,220	60	60	60	2,420	75
188+00.00	TO	194+00.00		0.20			2,915	54	54	54	968	80
194+00.00	TO	200+00.00		0.20			2,760	52	52	52	968	77
200+00.00	TO	206+00.00	242	0.15	0.05		1,841	36	36	36	968	58
206+00.00	TO	211+00.00	484	0.10	0.10		840	19	19	19	968	37
<b>CRAWFORD AVENUE</b>												
391+19.93	TO	396+00.00	2,662	0.25	0.30	0.25	950	34	34	34	3,872	100
396+00.00	TO	399+09.13	1,452	0.25	0.30		90	24	24	24	2,662	57
400+83.12	TO	402+00.00					435	5	5	5		9
402+00.00	TO	404+85.20					1,625	20	20	20		34
<b>TOTALS</b>			<b>4,840</b>	<b>3.25</b>	<b>0.75</b>	<b>0.25</b>	<b>12,676</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>20,570</b>	<b>687</b>

L:\UNIVPARK\14220-01\UnivPkwyEast\Sec\Draw\CADD\_Sheets\SCHEDULES.dgn 1/29/2015



USER NAME = Kristin Timmons  
 FILE NAME: SCHEDULES.dgn  
 PLOT SCALE = 50.0000' / 1" =  
 PLOT DATE = 1/29/2015 4:38:10 PM

DESIGNED - AS  
 DRAWN - AS  
 CHECKED - KDN  
 DATE - 1/16/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
 UNIVERSITY PARKWAY**

SCALE: N/A SHEET 1 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	8
CONTRACT NO. 61A75				
[ILLINOIS] FED. AID PROJECT				



**PAVING SCHEDULE**

STATION / LOCATION			GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT 12"	AGGREGATE BASE COURSE, TYPE B 8"	HOT-MIX ASPHALT BASE COURSE, 4"	HOT-MIX ASPHALT BASE COURSE, 7 1/2"	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	STRIP REFLECTIVE CRACK CONTROL TREATMENT	AGGREGATE SHOULDER, TYPE B 6"	HOT-MIX ASPHALT SHOULDER, 6"	BITUMINOUS MATERIALS (PRIME COAT)
			(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(TON)	(TON)	(FOOT)	(SQ YD)	(SQ YD)	(POUND)
<b>UNIVERSITY PARKWAY</b>															
171+24.62	TO	172+50.00	479	479	120		403		67.7	11.9	53.1			127	1,219
172+50.00	TO	178+50.00	3,011	3,011	717		2,534		425.6	74.7	283.7				7,562
178+50.00	TO	184+50.00	3,229	3,229	733		2,752		462.3	74.7	308.2				8,199
184+50.00	TO	190+50.00	3,885	3,885	537		3,384		568.5	66.2	379.0		12		10,031
190+50.00	TO	196+50.00	3,011	3,011	1,032		2,534		425.6	102.4	283.7				7,617
196+50.00	TO	202+50.00	3,519	3,519	838		3,042		510.9	84.4	340.6				9,067
202+50.00	TO	208+50.00	4,406	4,406	217	168	3,847	11.3	674.5	22.1	475.8	205	66		13,828
208+50.00	TO	211+00.00	183	183		128		19.0	21.4		76.1	500	112		862
<b>CRAWFORD AVENUE</b>															
391+19.93	TO	396+00.00	889	889			613	61.9	97.3		247.4	986		254	3,400
396+00.00	TO	399+09.13	1,043	1,043			797	32.2	175.8		183.9	434			3,095
400+83.12	TO	402+00.00	386	386			595		98.9		66.7		14		1,739
402+00.00	TO	404+85.20	351	351		119	396	15.6	72.3		106.6	378	127		2,029
<b>TOTALS</b>			<b>24,392</b>	<b>24,392</b>	<b>4,194</b>	<b>415</b>	<b>20,897</b>	<b>140</b>	<b>3,601</b>	<b>437</b>	<b>2,805</b>	<b>2,503</b>	<b>331</b>	<b>381</b>	<b>68,648</b>

**COMBINATION CURB AND GUTTER SCHEDULE**

STATION / LOCATION			CLASS SI CONCRETE (OUTLET)	COMBINATION CONCRETE CURB AND GUTTER,		
				TYPE B-6.12	TYPE B-6.24	TYPE M-6.12
			(CU YD)	(FOOT)	(FOOT)	(FOOT)
<b>UNIVERSITY PARKWAY</b>						
171+24.62	TO	172+50.00			191	
172+50.00	TO	178+50.00			1,200	
178+50.00	TO	184+50.00			1,201	
184+50.00	TO	190+50.00			1,181	84
190+50.00	TO	196+50.00			1,200	
196+50.00	TO	202+50.00			1,201	
202+50.00	TO	208+50.00	7.4		885	
208+50.00	TO	211+00.00				
<b>CRAWFORD AVENUE</b>						
391+19.93	TO	396+00.00		90	552	
396+00.00	TO	399+09.13			619	
400+83.12	TO	402+00.00	7.4		127	
402+00.00	TO	404+85.20				
<b>TOTALS</b>			<b>14.8</b>	<b>90</b>	<b>8,357</b>	<b>84</b>

**SIDEWALK SCHEDULE**

STATION / LOCATION			PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS
			(SQ FT)	(SQ FT)
<b>UNIVERSITY PARKWAY</b>				
171+24.62	TO	172+50.00		
172+50.00	TO	178+50.00		
178+50.00	TO	184+50.00		
184+50.00	TO	190+50.00	315	40
190+50.00	TO	196+50.00		
196+50.00	TO	202+50.00		
202+50.00	TO	208+50.00	3,080	
208+50.00	TO	211+00.00		
<b>CRAWFORD AVENUE</b>				
391+19.93	TO	396+00.00		
396+00.00	TO	399+09.13		
400+83.12	TO	402+00.00	432	231
402+00.00	TO	404+85.20		
<b>TOTALS</b>			<b>3,827</b>	<b>271</b>

L:\UNIVPARK\14220-01\UnivPkwyEast\Sec\Draw\CADD\_Sheets\SCHEDULES.dgn 1/29/2015



USER NAME = Kristin Timmons  
 FILE NAME: SCHEDULES.dgn  
 PLOT SCALE = 50.0000' / 1" = 1/29/2015 4:38:10 PM

DESIGNED - AS  
 DRAWN - AS  
 CHECKED - KDN  
 DATE - 1/16/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
 UNIVERSITY PARKWAY**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	9
CONTRACT NO. 61A75			ILLINOIS FED. AID PROJECT	

**SIGN SCHEDULE**

STATION / LOCATION	SIGN NO.	SIGN PANEL	SIGN PANEL	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	TELESCOPING STEEL SIGN SUPPORT	REMOVE SIGN COMPLETE
		TYPE 1	TYPE 2	TYPE A		
		(SQ FT)	(SQ FT)	(EACH)	(FOOT)	(EACH)
<b>UNIVERSITY PARKWAY</b>						
165+70.00	W11-15	9			17.0	
	W16-9P	3				
170+50.00	RT					1
170+51.80	RT	W1-7	8		14.5	
170+87.74	RT			1		
171+10.47	LT			1		
172+30.00	RT	R3-9B	6			
172+50.00	RT			1		
172+86.00	RT					1
173+05.00	LT			1		
173+64.00	LT			1		
177+16.48	RT	R2-1	5		14.5	1
178+90.00	RT	R8-3A	4			
179+00.00	LT	R8-3A	4		14.5	
181+10.00	RT	W3-3	9			
		W16-8P	2			
181+75.00	RT	R3-8	7		15.0	
183+75.00	LT	R2-1	5		14.5	
184+75.00	LT	R3-9B	6		15.5	
185+84.00	RT			12.5		
186+02.00	LT		8.25			
186+58.14	LT	W1-7	8		14.5	
186+77.00	RT					1
186+79.00	RT					1
186+98.00	RT		8.25			
188+95.00	RT	R2-1	5		14.5	
189+95.00	RT	R3-9B	6		15.5	
190+67.00	LT	R3-8	7		15.0	
190+70.00	RT					1
191+55.00	LT	W3-3	9		16.0	
		W16-8P	2			
191+59.00	LT					1
195+50.00	LT	R8-3A	4		14.5	
195+80.00	RT	R8-3A	4			
199+78.00	RT	W3-1A	9		16.5	
		W16-8P	6			
199+91.00	RT					1
201+55.00	LT	R3-9B	6		15.5	
201+55.00	RT	R3-8	12		15.5	
203+50.00	LT	R2-1	5		14.5	
204+00.00	RT			2		
204+03.00	RT	R1-1	9		15.5	
		R1-3P	1			
204+37.00	LT	D3-1	22		28.0	
204+68.00	RT					1
204+77.00	LT					1
204+78.00	LT					1

**SIGN SCHEDULE**

STATION / LOCATION	SIGN NO.	SIGN PANEL	SIGN PANEL	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	TELESCOPING STEEL SIGN SUPPORT	REMOVE SIGN COMPLETE	
		TYPE 1	TYPE 2	TYPE A			
		(SQ FT)	(SQ FT)	(EACH)	(FOOT)	(EACH)	
204+82.00	RT					1	
205+03.00	LT					1	
205+37.00	RT					1	
205+61.00	LT					1	
205+63.00	RT	D3-1	23		28.0		
205+66.00	LT					1	
205+85.00	LT	R1-1	9		15.5		
		R1-3P	1				
206+08.11	RT			1			
207+15.00	RT	W6-3	9		15.5		
208+15.00	RT	R2-1	5		14.5		
208+90.00	LT	W3-1A	9		16.5		
		W16-8P	6				
209+60.00	LT	R3-8	7		14.5		
<b>CRAWFORD AVENUE</b>							
393+57.36	RT	R1-1	7		15.0		
394+47.00	RT					1	
394+50.00	RT	R3-8	7		14.5		
395+29.00	LT			1			
396+10.00	RT	W3-1A	9		16.5		
		W16-8P	5				
397+00.00	LT	R2-1	5		14.5		
398+00.00	LT	W4-2	9		15.0		
399+37.00	RT	R1-1	9		15.5		
		R1-3P	1				
400+70.00	LT	R1-1	9		15.5		
		R1-3P	1				
401+50.00	RT	R2-1	5		14.5		
402+75.00	LT	W3-1A	9		16.5		
		W16-8P	5				
404+05.00	LT	R3-8	7		14.5		
<b>TOTALS</b>			<b>357</b>	<b>13</b>	<b>9</b>	<b>557.5</b>	<b>17</b>

L:\UNIVPARK\4220-01\UnivPkwyEast\Sec\Draw\CAAD\_Sheets\SCHEDULE3.ES.dgn 1/29/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: SCHEDULE3.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 50,0000' / 1" =	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:11 PM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
UNIVERSITY PARKWAY**

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	96-00014-01-PV	WILL	119	10
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

**PAVEMENT MARKING SCHEDULE**

STATION / LOCATION	THERMOPLASTIC PAVMENT MARKING						
	LETTERS & SYMBOLS	LINE 4" YELLOW	LINE 4" WHITE	LINE 6" WHITE	LINE 12" YELLOW	LINE 12" WHITE	LINE 24" WHITE
	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
<b>UNIVERSITY PARKWAY</b>							
171+24.62 TO 176+00.00		1,860	891		35		
176+00.00 TO 182+00.00	54	1,530	29		17		
182+00.00 TO 188+00.00	51	1,750		565	49	323	84
188+00.00 TO 194+00.00	66	1,915		67	19		
194+00.00 TO 200+00.00	75	1,500		22			
200+00.00 TO 206+00.00	78	1,806	103	1,325	26	995	135
206+00.00 TO 211+00.00	30	1,000	565	170		188	
<b>CRAWFORD AVENUE</b>							
391+19.93 TO 396+00.00	30	1,252	350	139	16		13
396+00.00 TO 399+09.13	30	620	71	231			
400+83.12 TO 402+00.00	30	234	234	95		128	
402+00.00 TO 404+85.20		572	306	60		45	
<b>TOTALS</b>	<b>444</b>	<b>14,039</b>	<b>2,549</b>	<b>2,674</b>	<b>162</b>	<b>1,679</b>	<b>232</b>

**MAINTENANCE OF TRAFFIC PAVEMENT MARKING SCHEDULE**

STATION / LOCATION	TEMPORARY PAVEMENT MARKING				PAVEMENT MARKING TAPE, TYPE III		WORK ZONE PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL
	LETTERS AND SYMBOLS	LINE 4" (YELLOW)	LINE 4" (WHITE)	LINE 24" (WHITE)	4"	24"		
	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(SQ FT)
<b>STAGE</b>								
<b>UNIVERSITY PARKWAY</b>								
167+64.00 TO 181+00.00		2,565	2,850					450
181+00.00 TO 196+00.00		2,840	2,990					
196+00.00 TO 211+00.00		2,435	2,695	65				
<b>CRAWFORD AVENUE</b>								
391+19.93 TO 399+09.13								
400+83.12 TO 404+85.20		645	645					
<b>STAGE</b>								
<b>UNIVERSITY PARKWAY</b>								
167+64.00 TO 181+00.00		2,220	2,220		6,320	50	2,583	
181+00.00 TO 196+00.00	50	3,240	3,060	25	6,630	150	3,455	
196+00.00 TO 211+00.00	25	3,205	2,780	65	7,015		3,319	
<b>CRAWFORD AVENUE</b>								
391+19.93 TO 399+09.13		1,420	1,420		3,400	45	1,558	
400+83.12 TO 404+85.20		810	800		1,880	36	886	
<b>TOTALS</b>	<b>75</b>	<b>19,380</b>	<b>19,460</b>	<b>155</b>	<b>25,245</b>	<b>281</b>	<b>11,802</b>	<b>450</b>

L:\UNIVPARK\16220-01\univpkwy\EastSec\Draw\CADD\_Sheets\SCHEDULES.dgn 1/29/2015

L:\UNIVPARK\14220-01\UnivPkwyEast\Sec\Draw\CA00\_Sheets\drnsch.dgn  
1/29/2015

STRUCTURE NUMBER	LOCATION	TYPE	RIM ELEVATION	INVERT (NORTH)	INVERT (SOUTH)	INVERT (EAST)	INVERT (WEST)
163	174+90 38.50' LT	MANHOLE, TYPE A, 4' DIA TYPE 8	779.72		775.25	775.15	
164	174+90 19' LT	INLET, TYPE B TYPE 24	782.98	775.44	777.59		
165	174+90 19' LT	INLET, TYPE B TYPE 24	782.98	777.97			
166	177+10 32.50' LT	MANHOLE, TYPE A, 4' DIA TYPE 8	799.14		773.39	773.19	773.39
167	177+10 19' LT	INLET, TYPE B TYPE 24	781.24	773.40	775.95		
168	177+10 19' RT	INLET, TYPE B TYPE 24	781.24	776.33	776.43		
169	177+10 32' RT	INLET, TYPE B TYPE 8	778.62	776.55			
170	179+09 40' LT	MANHOLE, TYPE A, 4' DIA TYPE 1 CLOSED LID	773.89			765.05	769.00
171	179+39 40' LT	MANHOLE, TYPE A, 4' DIA TYPE 8	773.10		767.41	764.81	764.91
172	179+39 19' LT	INLET, TYPE B TYPE 24	776.66	767.61	767.71		
173	179+39 19' RT	INLET, TYPE B TYPE 24	776.66	768.47	768.57		
174	179+39 32' RT	MANHOLE, TYPE A, 4' DIA TYPE 8	774.04	768.81			
175	181+30 40' LT	MANHOLE, TYPE A, 4' DIA TYPE 8	769.07		765.93	763.85	763.95
176	181+30 19' LT	INLET, TYPE B TYPE 24	772.59	766.13	767.40		
177	181+30 19' RT	INLET, TYPE B TYPE 24	772.59	767.82	767.92		
178	181+30 32' RT	MANHOLE, TYPE A, 4' DIA TYPE 8	771.64	768.04			
179	182+19 39' LT	MANHOLE, TYPE A, 4' DIA TYPE 8	768.18			763.35	763.45
180	183+21 19' LT	INLET, TYPE A TYPE 24	770.97			766.97	
181	183+41 28.29' RT	INLET, TYPE A TYPE 24	770.78				766.78
182	183+31 34.50' LT	MANHOLE, TYPE A, 5' DIA TYPE 8	769.16	763.37	763.47	762.45	762.85
183	183+31 19' LT	MANHOLE, TYPE A, 4' DIA TYPE 24	770.96	763.64	763.74		766.83
184	183+31 27.69' RT	MANHOLE, TYPE A, 4' DIA TYPE 24	770.79	763.96	764.06	766.64	
186	183+31 57.11' RT	FLUSH MEDIAN INLET	769.00	764.18			

STRUCTURE NUMBER	LOCATION	TYPE	RIM ELEVATION	INVERT (NORTH)	INVERT (SOUTH)	INVERT (EAST)	INVERT (WEST)
187	185+20 32' LT	MANHOLE, TYPE A, 5' DIA TYPE 8	770.82			762.71	761.02
188	185+20 19' LT	INLET, TYPE B TYPE 24	772.20	762.86	763.86		
189	185+20 31' RT	INLET, TYPE B TYPE 24	771.96	764.35			
190	185+95 66.14' RT	MANHOLE, TYPE A, 4' DIA TYPE 8	770.00				765.99
191	186+89 62.86' RT	MANHOLE, TYPE A, 4' DIA TYPE 8	771.00	764.01			764.21
192	187+21 32' LT	MANHOLE, TYPE A, 5' DIA TYPE 8	772.42			761.13	759.51
193	187+21 19' LT	MANHOLE, TYPE A, 4' DIA TYPE 24	773.96	761.37	761.47		
194	187+21 27.27' RT	MANHOLE, TYPE A, 4' DIA TYPE 24	773.79	762.37	762.47		
195	190+55 32.53' LT	MANHOLE, TYPE A, 5' DIA TYPE 8	770.15			758.69	757.07
196	190+55 19' LT	INLET, TYPE B TYPE 24	771.77	758.82	766.46		
197	190+55 19' RT	INLET, TYPE B TYPE 24	771.77	766.84	766.94		
198	190+55 32' RT	INLET, TYPE A TYPE 8	770.65	767.06			
199	193+05 32.50' LT	MANHOLE, TYPE A, 5' DIA TYPE 8	765.74			756.77	755.32
200	193+05 19' LT	INLET, TYPE B TYPE 24	768.13	756.90	762.81		
201	193+05 19' RT	INLET, TYPE B TYPE 24	768.13	763.19			
202	195+55 32' LT	MANHOLE, TYPE A, 5' DIA TYPE 8	762.33			754.84	753.37
203	195+55 19' LT	INLET, TYPE B TYPE 24	764.50	755.01	759.17		
204	195+55 19' RT	INLET, TYPE B TYPE 24	764.50	759.55	759.65		
205	195+55 32' RT	INLET, TYPE A TYPE 8	761.88	759.77			
206	198+05 36' LT	MANHOLE, TYPE A, 5' DIA TYPE 8	758.39			752.92	751.52
207	198+05 19' LT	INLET, TYPE B TYPE 24	760.86	753.08	755.55		
208	198+05 20.60' RT	INLET, TYPE B TYPE 24	760.83	755.94			
208A	198+05 30' RT	INLET, TYPE A TYPE 8	758.58	755.97			
209	199+00 32.50' LT	MANHOLE, TYPE A, 5' DIA TYPE 8	757.06				750.82



USER NAME = Kristin Timmons  
FILE NAME: drnsch.dgn  
PLOT SCALE = 20,000' / 1" = 1/20,000'  
PLOT DATE = 1/29/2015 4:38:12 PM

DESIGNED - AS  
DRAWN - AS  
CHECKED - KDN  
DATE - 1/16/2015

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE  
UNIVERSITY PARKWAY

SCALE: NONE SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	12
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

STRUCTURE NUMBER	LOCATION	TYPE	RIM ELEVATION	INVERT (NORTH)	INVERT (SOUTH)	INVERT (EAST)	INVERT (WEST)
210	200+76.89 19.00' LT	MANHOLE, TYPE A, 5' DIA TYPE 24	758.55	749.60	749.60	749.20	749.60
211	200+76.89 31.00' RT	MANHOLE, TYPE A, 4' DIA TYPE 24	758.31	750.08	750.18	752.33	
213	200+76.89 54.55' RT	FLUSH MEDIAN INLET	758.00	750.57			
214	200+76.89 31' LT	INLET, TYPE B TYPE 8	757.00		749.92		
215	202+00 20.11' LT	MANHOLE, TYPE A, 5' DIA TYPE 24	758.94	749.89		748.67	748.77
216	200+86.89 31.00' RT	INLET, TYPE B TYPE 24	758.31				752.43
217	204+15.00 24.89' LT	MANHOLE, TYPE A, 5' DIA TYPE 24	758.99		747.75		747.85
218	204+15.00 31.00' RT	MANHOLE, TYPE A, 5' DIA TYPE 24	758.87	747.55		747.45	
219	206+00 44' RT	MANHOLE, TYPE A, 5' DIA TYPE 1 CLOSED LID	753.50			746.80	746.90
220	207+09 39' RT	SLOPE INLET BOX 30"					745.67
221	392+45 32' RT	18" FLARED END SECTION		744.60			
222	393+15 32' RT	MANHOLE, TYPE A, 4' DIA TYPE 1 CLOSED LID	747.00	742.50	742.60		
223	1+50.00 12.5' RT	MANHOLE, TYPE A, 4' DIA TYPE 11V	745.98	742.34	742.34		
224	1+50.00 12.7' LT	MANHOLE, TYPE A, 4' DIA TYPE 11V	745.98	742.14	742.14		
225	393+71.69 31' LT	BOX CULVERT END SECTION, CULVERT NO. 2					742.10
226	393+71.69 50' RT	MANHOLE, TYPE A, 9' DIA TYPE 1 CLOSED LID	746.00	741.90	741.90	741.90	742.00
227	393+90.5 57' RT	BOX CULVERT END SECTION, CULVERT NO. 1					741.66
228	402+94.84 57' LT	MANHOLE, TYPE A, 4' DIA NEENAH R-1772 FR/TY B CONVEX LID	750.63			TBD	EXIST.
229	402+94.84 57' LT	36" FLARED END SECTION W/GRATE					750.83
230	402+94.84 57' RT	36" FLARED END SECTION W/GRATE				750.35	
231	402+94.84 RT	MANHOLE, TYPE A, 4' DIA NEENAH R-1772 FR/TY B CONVEX LID	750.15			EXIST.	TBD
232	393+28.00 18.94' LT	INLET, TYPE A TYPE 24	746.55	743.30			
233	393+38.00 19.27' LT	INLET, TYPE B TYPE 24	746.56	743.10	743.20		

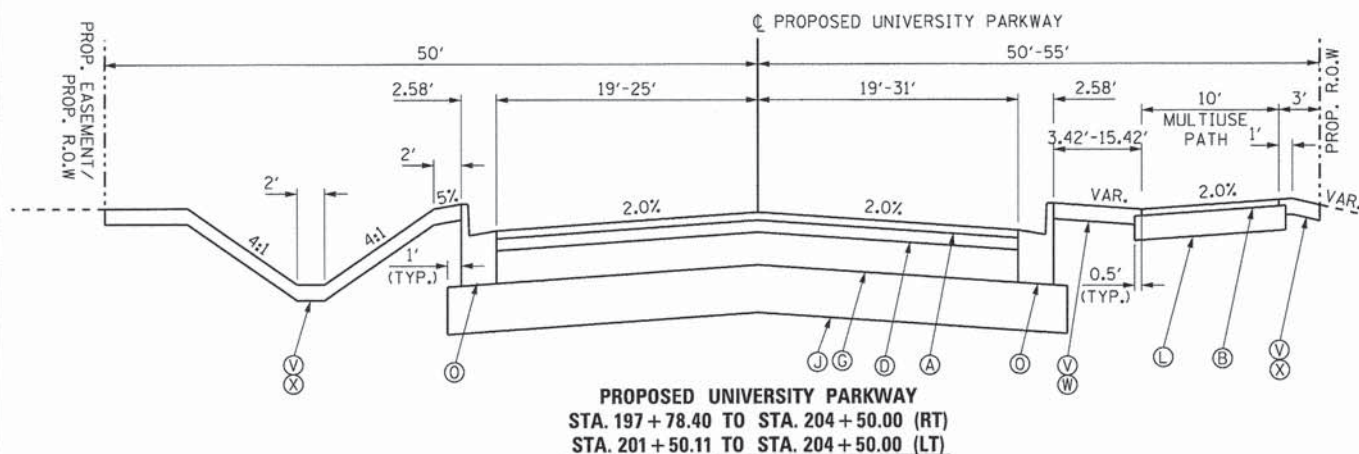
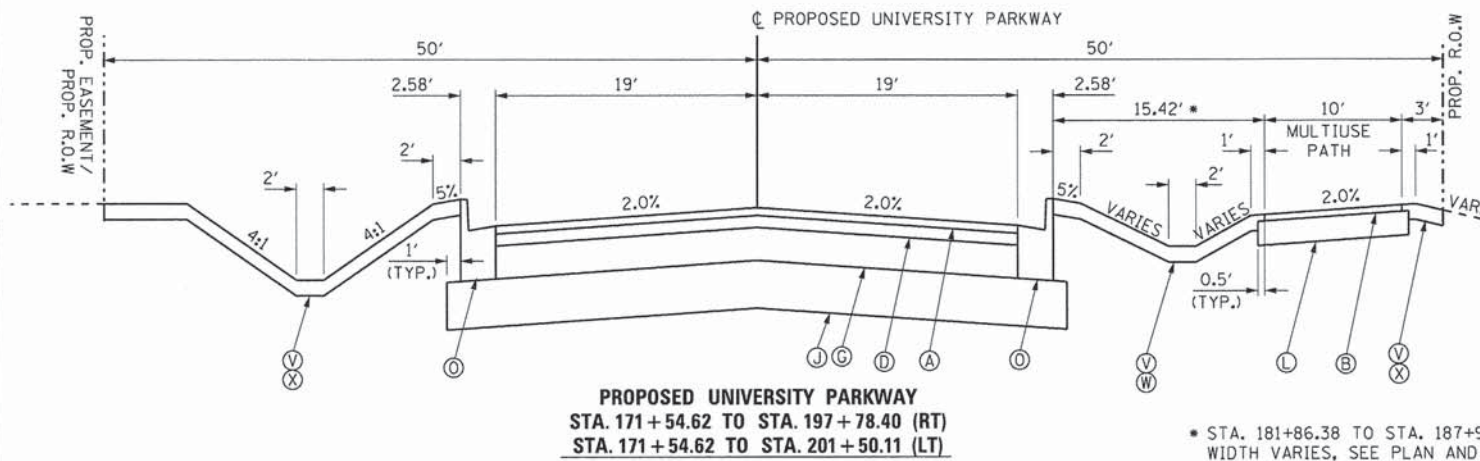
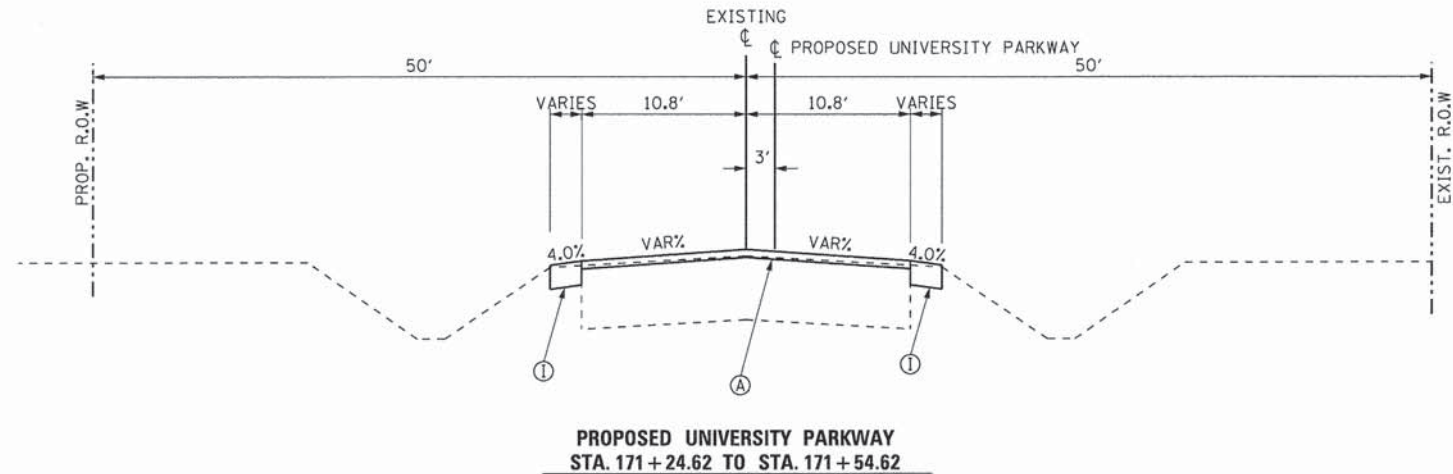
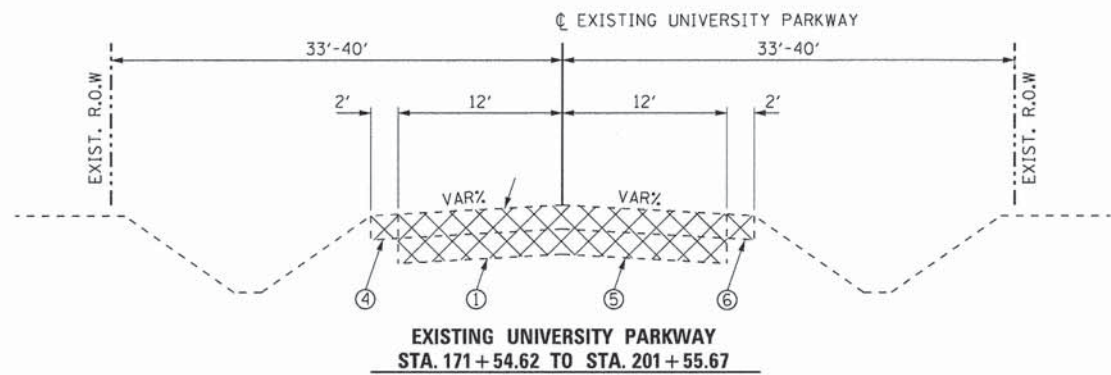
STRUCTURE NUMBER	LOCATION	TYPE	RIM ELEVATION	INVERT (NORTH)	INVERT (SOUTH)	INVERT (EAST)	INVERT (WEST)
234	395+00.00 24.67' LT	MANHOLE, TYPE A, 5' DIA TYPE 24	747.33		743.67	743.77	
235	395+00.00 18.00' RT	INLET, TYPE A TYPE 24	747.47			744.22	
236	397+00.00 30.00' LT	MANHOLE, TYPE A, 5' DIA TYPE 24	750.99		747.38	747.48	
237	397+00.00 18.00' RT	INLET, TYPE A TYPE 24	751.23			747.98	
238	399+00.00 30.00' LT	INLET, TYPE B TYPE 24	755.72		752.11	752.21	
239	399+00.00 18.00' RT	INLET, TYPE A TYPE 24	755.96			752.71	

NOTE: EXISTING INVERT ELEVATIONS SHALL BE FIELD DETERMINED BY CONTRACTOR DURING CONSTRUCTION

L:\UNIVPARK\14220-01\UnivPkwyEast5ec\Draw\CADD\_Sheets\drnsch\_2.dgn 1/29/2015

 <small>License No. 184-00013 Copyright CMT, Inc.</small>	USER NAME = Kristin Timmons FILE NAME: drnsch_2.dgn PLOT SCALE = 20.0000' / in. PLOT DATE = 1/29/2015 4:38:12 PM	DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 1/16/2015	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE SCHEDULE</b> <b>UNIVERSITY PARKWAY</b>			F.A.U. RTE. 1637 SECTION 96-00014-01-PV COUNTY WILL TOTAL SHEETS 119 SHEET NO. 13	CONTRACT NO. 61A75 ILLINOIS FED. AID PROJECT
	SCALE: NONE SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A								

L:\UNIVPARK\14220-01 UnivPkwyEos\Draw\CADD\_Sheets\Typical\univpkwy.dgn  
1/29/2015



**PROPOSED LEGEND**

- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0"
- (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.0"
- (C) "NOT USED"
- (D) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3"
- (E) HOT-MIX ASPHALT BASE COURSE, 4"
- (F) PCC SIDEWALK, 5"
- (G) HOT-MIX ASPHALT BASE COURSE, 7.5"
- (H) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
- (I) HOT-MIX ASPHALT SHOULDER, 6"
- (J) AGGREGATE SUBGRADE, W/FABRIC, 12"
- (K) "NOT USED"
- (L) AGGREGATE BASE COURSE, TYPE B 8"
- (M) "NOT USED"
- (N) "NOT USED"
- (O) COMBINATION CURB AND GUTTER, TYPE B-6.24
- (P) "NOT USED"
- (Q) "NOT USED"
- (R) "NOT USED"
- (S) "NOT USED"
- (T) AGGREGATE SHOULDER, TYPE B 6"
- (U) "NOT USED"
- (V) FURNISH AND PLACE TOPSOIL, 4"
- (W) SODDING (SALT TOLERANT)
- (X) SEEDING CLASS 2A W/ MULCH (METHOD 3)
- (Y) EROSION CONTROL BLANKET (OMIT IN SODDED AREAS)
- (Z) STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A

**EXISTING LEGEND**

- (1) EXISTING PAVEMENT STRUCTURE:  
3"-7.5" BITUMINOUS CONCRETE  
4"-13.3" CRUSHED LIMESTONE
- (2) EXISTING PAVEMENT STRUCTURE:  
1.9" BITUMINOUS CONCRETE (SURFACE)  
2.2" BITUMINOUS CONCRETE (SURFACE)  
2.8" BITUMINOUS CONCRETE (BINDER)  
10" CRUSHED LIMESTONE BASE
- (3) EXISTING PAVEMENT STRUCTURE:  
2.7" BITUMINOUS CONCRETE (SURFACE)  
13.3" CRUSHED LIMESTONE BASE
- (4) EXISTING AGGREGATE SHOULDER, VAR. THICKNESS
- (5) EXISTING PAVEMENT STRUCTURE TO BE REMOVED
- (6) EXISTING AGGREGATE SHOULDER TO BE REMOVED (INCLUDED AS PART OF EXCAVATION)
- (7) EXISTING BITUMINOUS SURFACE REMOVAL, COLD MILLING (2")
- (8) SAW CUT (FULL DEPTH) (INCLUDED IN COST OF ITEM BEING REMOVED)



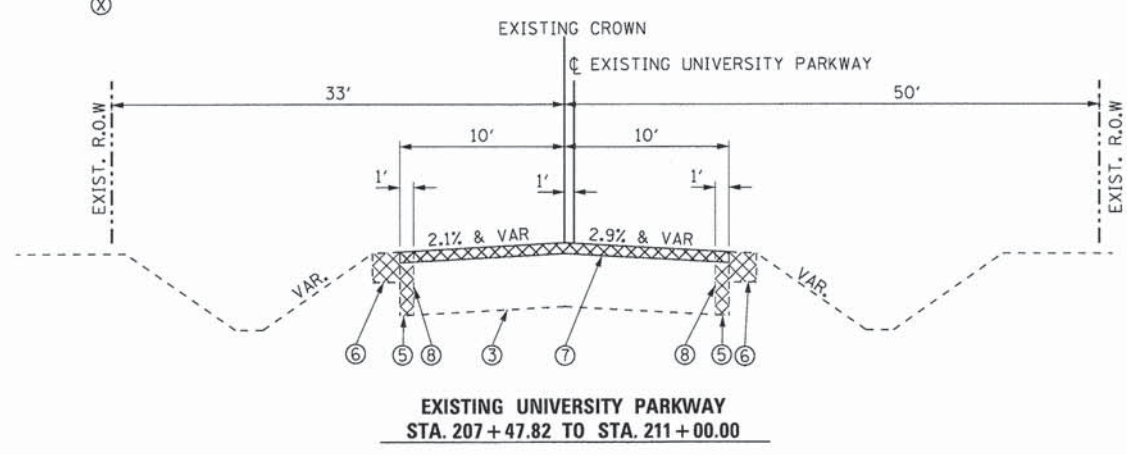
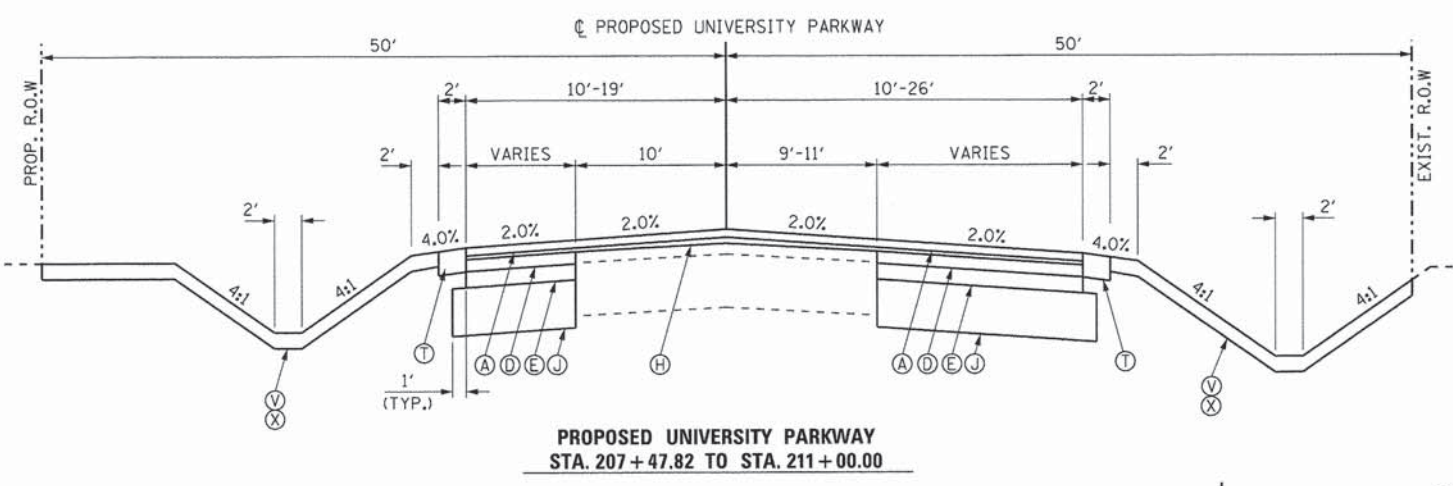
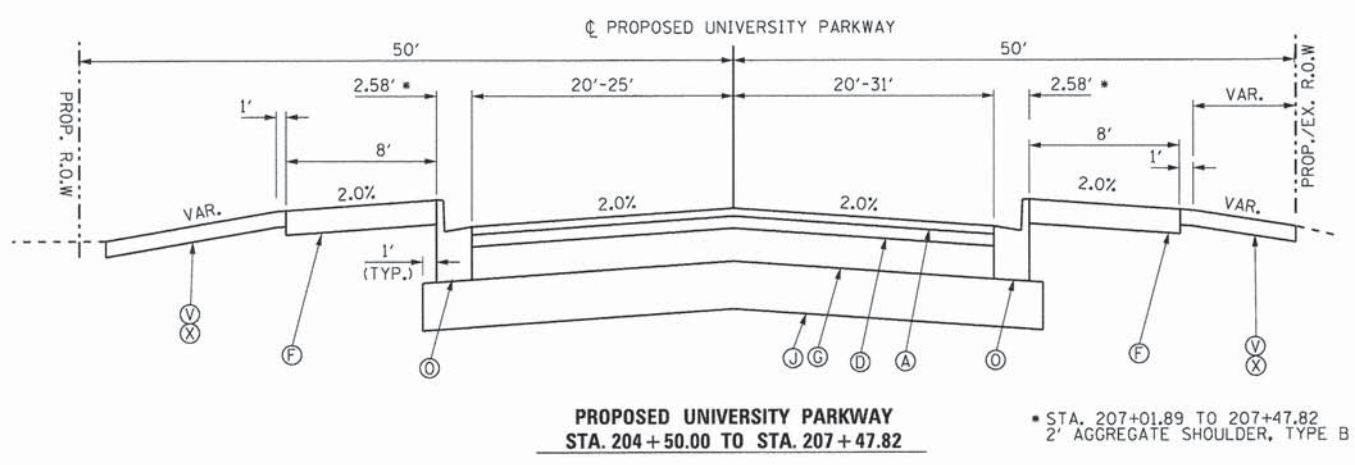
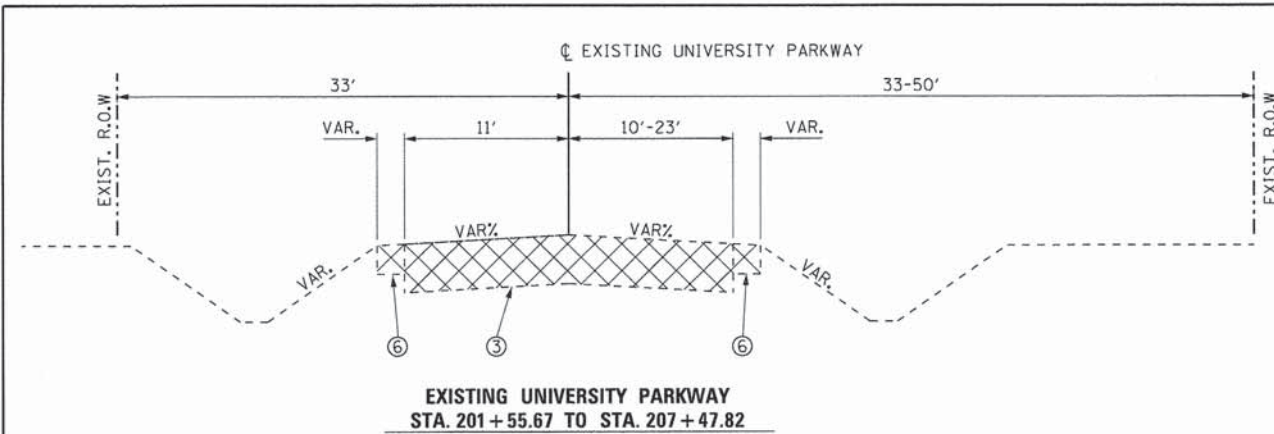
USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: typical.univpkwy.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 10,0000' / 1in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:13 PM	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
UNIVERSITY PARKWAY

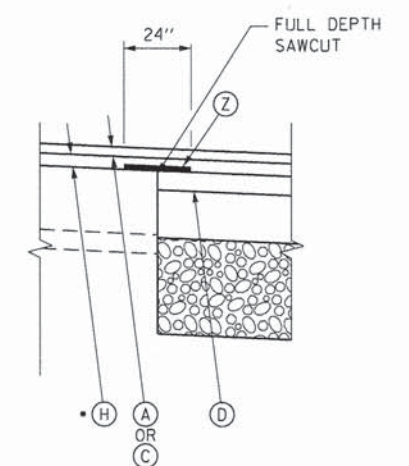
SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	14
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				



- PROPOSED LEGEND**
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0"
  - (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.0"
  - (C) "NOT USED"
  - (D) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3"
  - (E) HOT-MIX ASPHALT BASE COURSE, 4"
  - (F) PCC SIDEWALK, 5"
  - (G) HOT-MIX ASPHALT BASE COURSE, 7.5"
  - (H) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
  - (I) HOT-MIX ASPHALT SHOULDER, 6"
  - (J) AGGREGATE SUBGRADE, W/FABRIC, 12"
  - (K) "NOT USED"
  - (L) AGGREGATE BASE COURSE, TYPE B 8"
  - (M) "NOT USED"
  - (N) "NOT USED"
  - (O) COMBINATION CURB AND GUTTER, TYPE B-6.24
  - (P) "NOT USED"
  - (Q) "NOT USED"
  - (R) "NOT USED"
  - (S) "NOT USED"
  - (T) AGGREGATE SHOULDER, TYPE B 6"
  - (U) "NOT USED"
  - (V) FURNISH AND PLACE TOPSOIL, 4"
  - (W) SODDING (SALT TOLERANT)
  - (X) SEEDING CLASS 2A W/ MULCH (METHOD 3)
  - (Y) EROSION CONTROL BLANKET (OMIT IN SODDED AREAS)
  - (Z) STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A

- EXISTING LEGEND**
- (1) EXISTING PAVEMENT STRUCTURE:  
3"-7.5" BITUMINOUS CONCRETE  
4"-13.3" CRUSHED LIMESTONE
  - (2) EXISTING PAVEMENT STRUCTURE:  
1.9" BITUMINOUS CONCRETE (SURFACE)  
2.2" BITUMINOUS CONCRETE (SURFACE)  
2.8" BITUMINOUS CONCRETE (BINDER)  
10" CRUSHED LIMESTONE BASE
  - (3) EXISTING PAVEMENT STRUCTURE:  
2.7" BITUMINOUS CONCRETE (SURFACE)  
13.3" CRUSHED LIMESTONE BASE
  - (4) EXISTING AGGREGATE SHOULDER, VAR. THICKNESS
  - (5) EXISTING PAVEMENT STRUCTURE TO BE REMOVED
  - (6) EXISTING AGGREGATE SHOULDER TO BE REMOVED (INCLUDED AS PART OF EXCAVATION)
  - (7) EXISTING BITUMINOUS SURFACE REMOVAL, COLD MILLING (2")
  - (8) SAW CUT (FULL DEPTH) (INCLUDED IN COST OF ITEM BEING REMOVED)



**DETAIL A - WIDENING DETAIL (UNIVERSITY PARKWAY)**

- (H) SHALL BE USED FOR LEVELING OPERATIONS OF THICKNESS 2/4" OR LESS. IT SHALL ALSO BE USED FOR THE TOP 2/4" OF LEVELING OPERATIONS OF ANY THICKNESS.
- (D) SHALL BE USED FOR LEVELING OPERATIONS OF THICKNESS GREATER THAN 2/4", BUT THE TOP 2/4" OF THE LEVELING OPERATION SHALL BE POLYMERIZED LEVELING BINDER.

L:\UNIVPARK\4220-01\UnivPkwyEast\Sec\Draw\CAADD\_Sheets\typical2\_univpkwy.dgn 1/29/2015

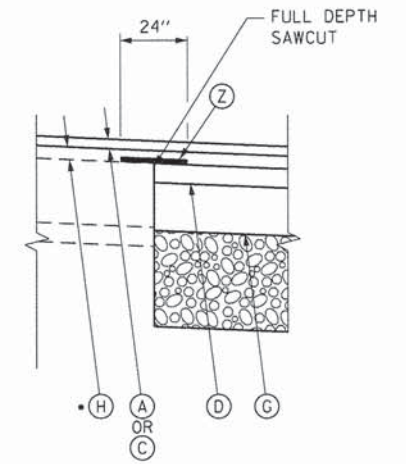
	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS UNIVERSITY PARKWAY</b>		F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 15
	FILE NAME = typical2_univpkwy.dgn	DRAWN - AS	REVISED -		SCALE: N/A	SHEET 2 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 61A75		ILLINOIS FED. AID PROJECT	
PLOT SCALE = 10,0000' / in.	CHECKED - KDN	REVISED -									
PLOT DATE = 1/29/2015 4:38:13 PM	DATE - 1/16/2015	REVISED -									

**PROPOSED LEGEND**

- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0"
- (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.0"
- (C) "NOT USED"
- (D) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3"
- (E) HOT-MIX ASPHALT BASE COURSE, 4"
- (F) PCC SIDEWALK, 5"
- (G) HOT-MIX ASPHALT BASE COURSE, 7.5"
- (H) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
- (I) HOT-MIX ASPHALT SHOULDER, 6"
- (J) AGGREGATE SUBGRADE, W/FABRIC, 12"
- (K) "NOT USED"
- (L) AGGREGATE BASE COURSE, TYPE B 8"
- (M) "NOT USED"
- (N) "NOT USED"
- (O) COMBINATION CURB AND GUTTER, TYPE B-6.24
- (P) "NOT USED"
- (Q) "NOT USED"
- (R) "NOT USED"
- (S) "NOT USED"
- (T) AGGREGATE SHOULDER, TYPE B 6"
- (U) "NOT USED"
- (V) FURNISH AND PLACE TOPSOIL, 4"
- (W) SODDING (SALT TOLERANT)
- (X) SEEDING CLASS 2A W/ MULCH (METHOD 3)
- (Y) EROSION CONTROL BLANKET (OMIT IN SODDED AREAS)
- (Z) STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A

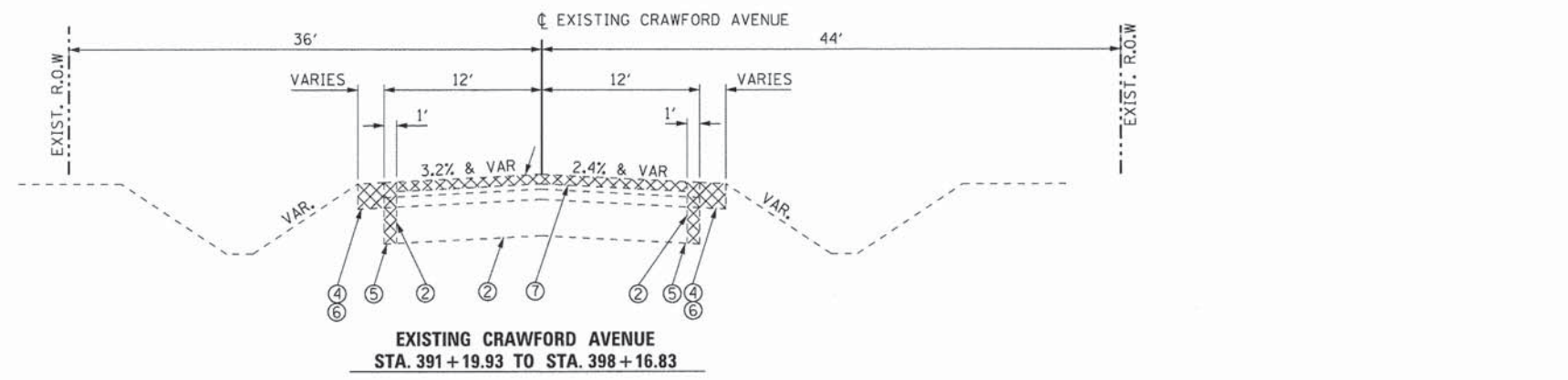
**EXISTING LEGEND**

- (1) EXISTING PAVEMENT STRUCTURE: 3"-7.5" BITUMINOUS CONCRETE 4"-13.3" CRUSHED LIMESTONE
- (2) EXISTING PAVEMENT STRUCTURE: 1.9" BITUMINOUS CONCRETE (SURFACE) 2.2" BITUMINOUS CONCRETE (SURFACE) 2.8" BITUMINOUS CONCRETE (BINDER) 10" CRUSHED LIMESTONE BASE
- (3) EXISTING PAVEMENT STRUCTURE: 2.7" BITUMINOUS CONCRETE (SURFACE) 13.3" CRUSHED LIMESTONE BASE
- (4) EXISTING AGGREGATE SHOULDER, VAR. THICKNESS
- (5) EXISTING PAVEMENT STRUCTURE TO BE REMOVED
- (6) EXISTING AGGREGATE SHOULDER TO BE REMOVED (INCLUDED AS PART OF EXCAVATION)
- (7) EXISTING BITUMINOUS SURFACE REMOVAL, COLD MILLING (2")
- (8) SAW CUT (FULL DEPTH) (INCLUDED IN COST OF ITEM BEING REMOVED)

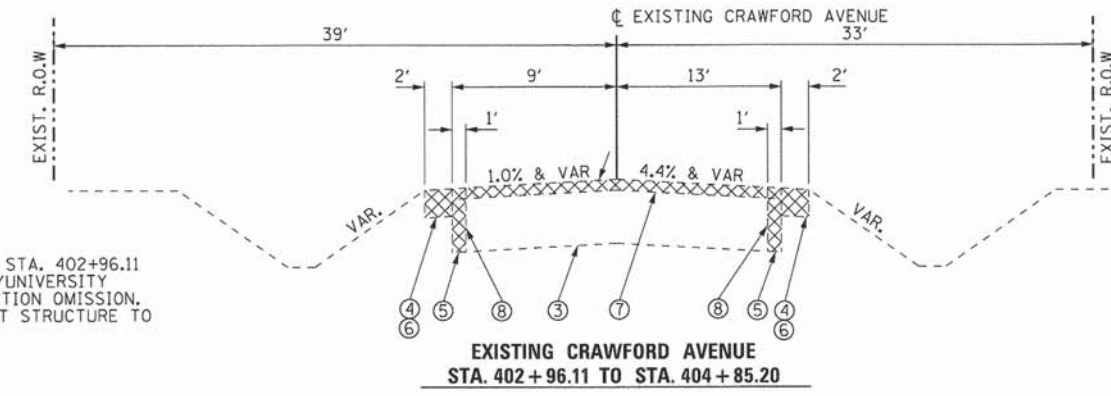


**DETAIL A - WIDENING DETAIL (CRAWFORD AVENUE)**

- (H) SHALL BE USED FOR LEVELING OPERATIONS OF THICKNESS 2/4" OR LESS. IT SHALL ALSO BE USED FOR THE TOP 2/4" OF LEVELING OPERATIONS OF ANY THICKNESS.
- (D) SHALL BE USED FOR LEVELING OPERATIONS OF THICKNESS GREATER THAN 2/4", BUT THE TOP 2/4" OF THE LEVELING OPERATION SHALL BE POLYMERIZED LEVELING BINDER.



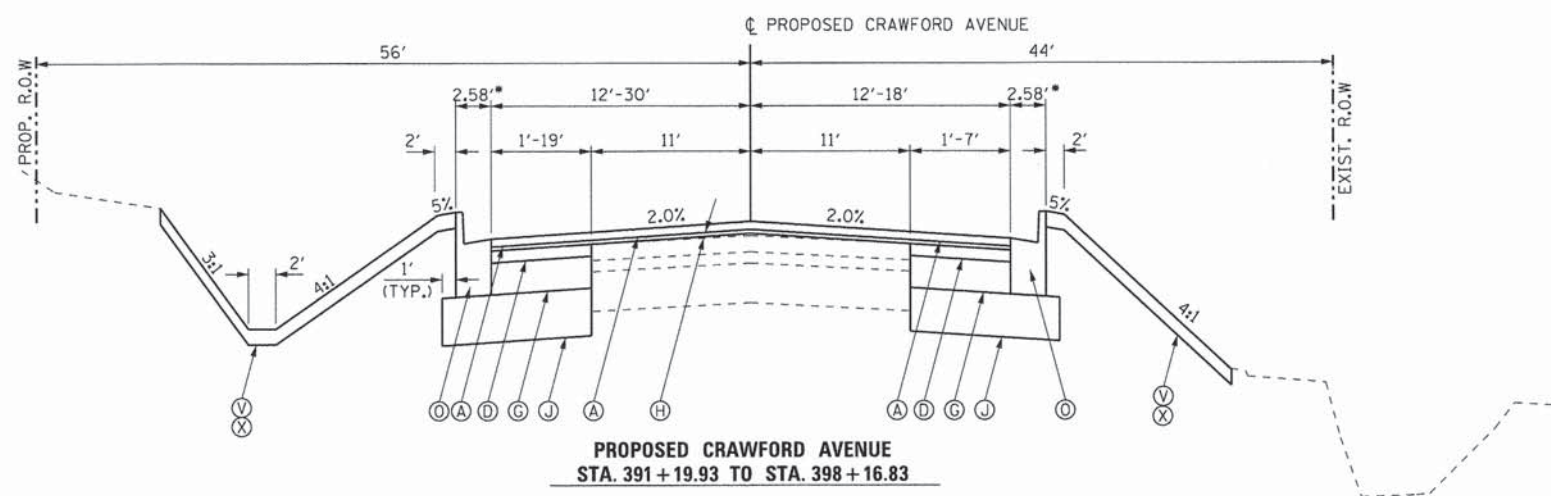
**EXISTING CRAWFORD AVENUE  
STA. 391+19.93 TO STA. 398+16.83**



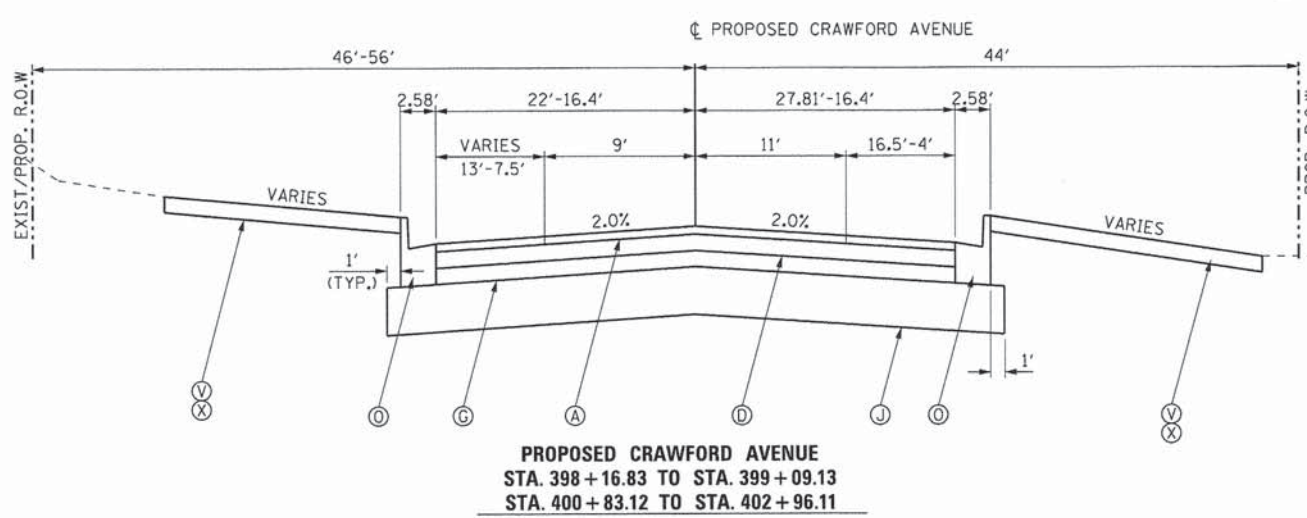
**EXISTING CRAWFORD AVENUE  
STA. 402+96.11 TO STA. 404+85.20**

NOTE: STA. 398+16.83 TO STA. 402+96.11 CRAWFORD AVENUE/UNIVERSITY PARKWAY INTERSECTION OMISSION, EXISTING PAVEMENT STRUCTURE TO BE REMOVED.

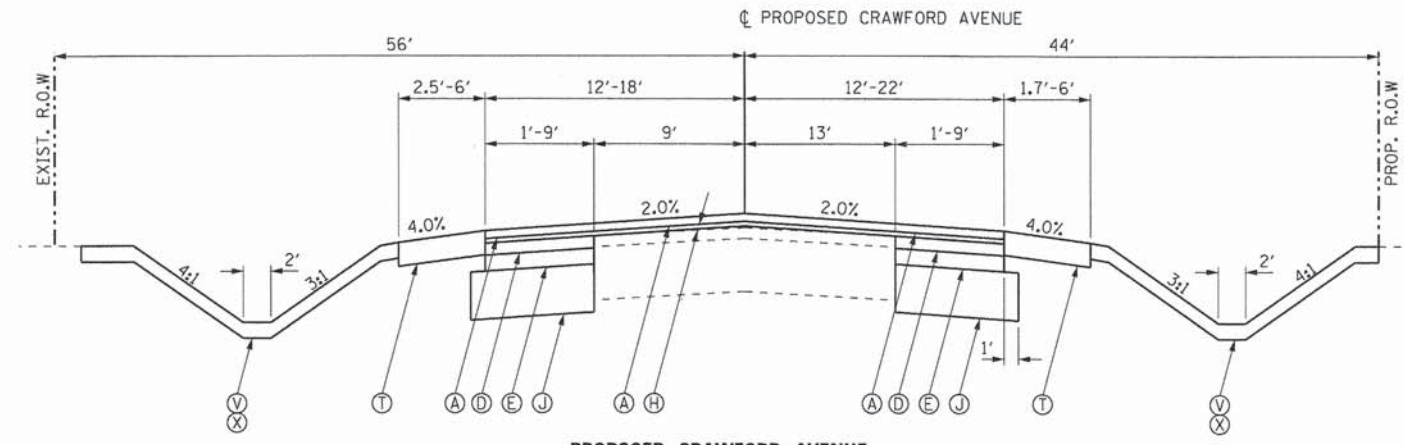
\* STA. 391+19.93 TO STA. 392+78.65 (LT.), STA. 393+04.58 (RT.) HOT-MIX ASPHALT SHOULDERS, 6" WIDTH VARIES, SEE PLAN AND PROFILE SHEETS



**PROPOSED CRAWFORD AVENUE  
STA. 391+19.93 TO STA. 398+16.83**



**PROPOSED CRAWFORD AVENUE  
STA. 398+16.83 TO STA. 399+09.13  
STA. 400+83.12 TO STA. 402+96.11**



**PROPOSED CRAWFORD AVENUE  
STA. 402+96.11 TO STA. 404+85.20**

NOTE: STA. 398+92.95 TO STA. 400+83.12 CRAWFORD AVENUE/UNIVERSITY PARKWAY INTERSECTION OMISSION.

L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CA00\_Sheets\Typical3\_crawford.dgn 1/29/2015



USER NAME = Kristin Timmons  
FILE NAME = typical3\_crawford.dgn  
PLOT SCALE = 10.0000' / 1"  
PLOT DATE = 1/29/2015 4:38:14 PM

DESIGNED - AS  
DRAWN - AS  
CHECKED - KDN  
DATE - 1/16/2015

REVISED -  
REVISED -  
REVISED -  
REVISED -

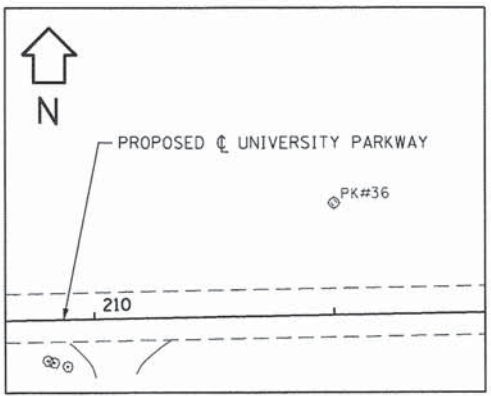
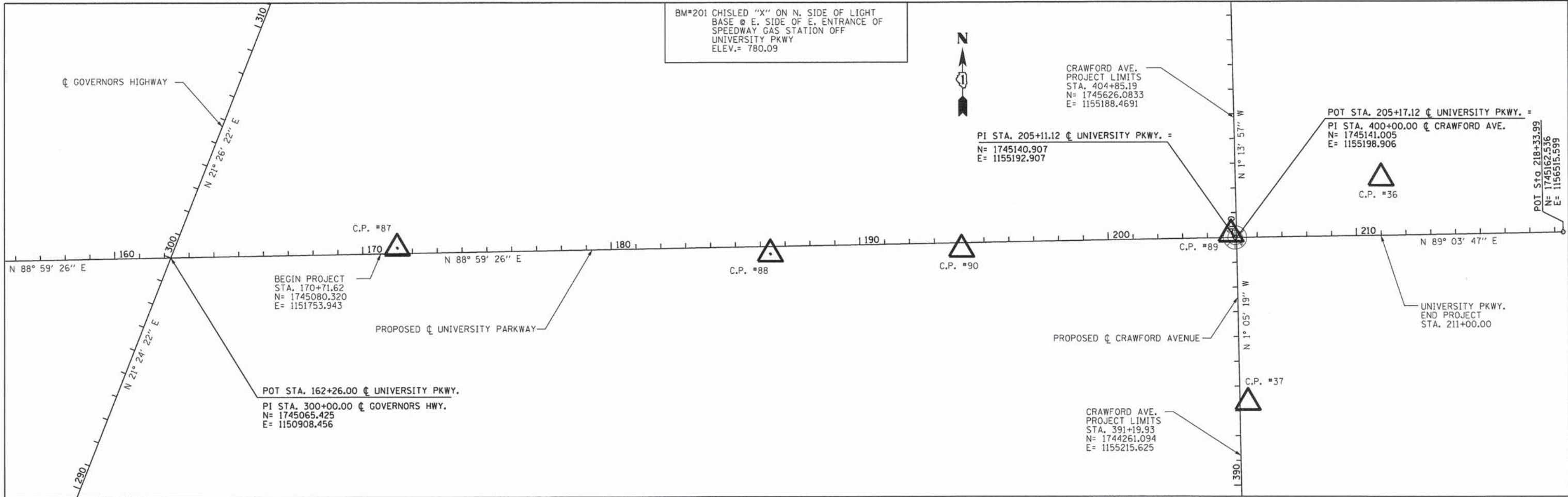
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
UNIVERSITY PARKWAY**

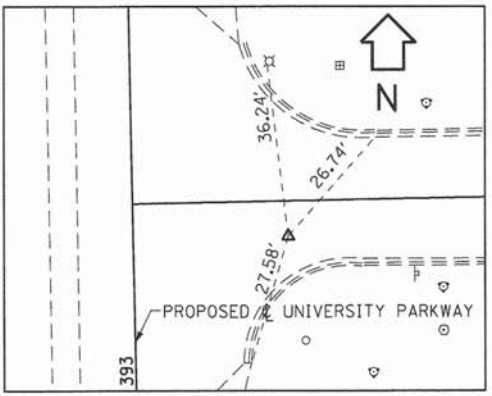
SCALE: N/A SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	16
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

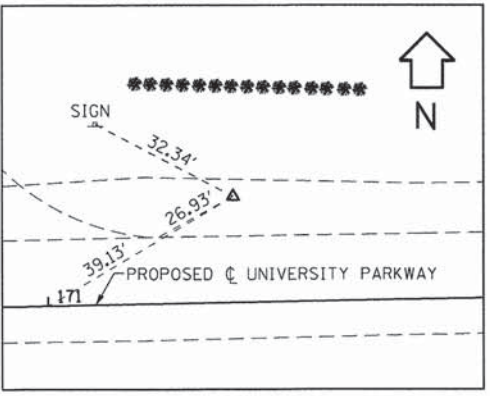




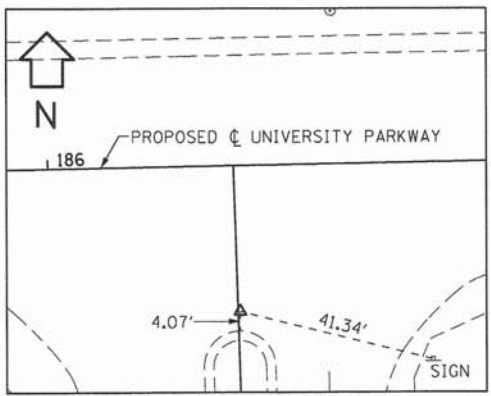
C.P. #36



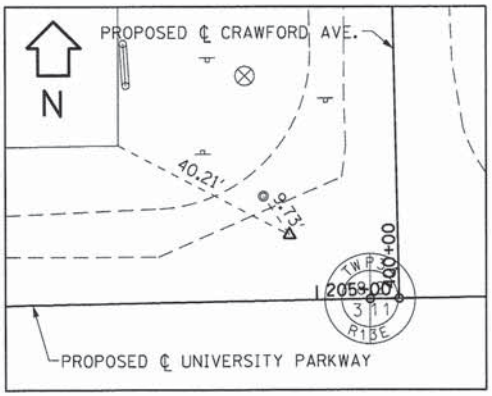
C.P. #37



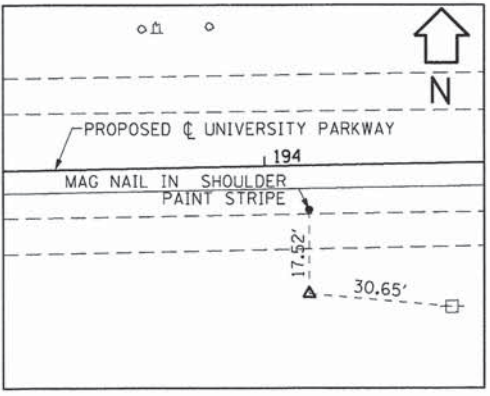
C.P. #87



C.P. #88



C.P. #89



C.P. #90

**NOTES:**

1. ALL STATIONS AND OFFSETS ARE BASED ON PROPOSED @.
2. THE HORIZONTAL DATUM IS THE ILLINOIS STATE PLANE EAST ZONE NAD83. THE VERTICAL DATUM IS USGS NAVD88.
3. IN ADDITION TO THE BENCHMARKS NOTED, ALL CONTROL POINT ELEVATIONS CAN BE USED AS BENCHMARKS TO ESTABLISH VERTICAL DATUM.

**CONTROL POINTS**

CP#87	PIN N= 1745103.640 E= 1151820.740 ELEV= 783.70 STA. 171+38.82, 22.14' LT.
CP#88	P.K. NAIL N= 1745077.565 E= 1153322.140 ELEV= 773.97 STA. 186+39.50, 30.38' RT.
CP#89	IRON ROD/W CAP N= 1745156.126 E= 1155154.085 ELEV. 758.49 STA. 204+94.54, 13.63' LT.
CP#90	IRON ROD N= 1745094.724 E= 1154091.22 ELEV.= 766.70 STA. 194+08.79, 36.77' RT.
CP#36	IRON ROD/W CAP N= 1745380.996 E= 1155780.910 ELEV.= 744.73 STA. 211+03.05, 230.44' LT. (UNIV. PKWY)
CP#37	P.K. NAIL N= 1744474.330 E= 1155243.770 ELEV.= 746.24 STA. 393+32.59, 32.26' RT. (CRAWFORD AVE.)

L:\UNIVPARK\4220-01\UnivPkwyEast\Sec\Draw\CAADD\_Sheets\atbl.dgn 1/29/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = atbl.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 200.0000' / 1" =	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:14 PM	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS	
UNIVERSITY PARKWAY	
SCALE: 1"= 200'	SHEET 1 OF 1 SHEETS STA. 162+26.00 TO STA. 218+33.99

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	17
CONTRACT NO. 61A75				
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 FOR 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 THAT REQUIRE 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 FOR AS "TEMPORARY PAVEMENT". ALL TEMPORARY PAVEMENT PLACED IN STORM SEWER TRENCHES SHALL BE PAID FOR 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 ELEVATIONS. 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 IN THE FINAL ADJUSTMENT PAY ITEM. ONLY THE FINAL ADJUSTMENTS OF 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 AS DETAILED ON THE REMOVAL SHEETS. REMOVALS 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. 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 IN THE REMOVAL ITEMS.

8. 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.

9. 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.

10. 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 1B). 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"

11. SIDE STREETS MAY BE COMPLETELY CLOSED FOR CONSTRUCTION. CLOSURE AND CONSTRUCTION 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.

12. INSTALLATION OF PROPOSED STORM SEWER LATERALS IN STAGE 1A MAY REQUIRE THE USE OF A TEMPORARY SOIL RETENTION SYSTEM DUE TO THE DEPTH OF SEWER IN CLOSE PROXIMITY TO TEMPORARY TRAVEL LANES. QUANTITY HAS BEEN ADDED FOR EACH STORM SEWER LATERAL OF UNIVERSITY PARKWAY AND ALL LABOR AND MATERIAL COSTS ASSOCIATED WITH THE INSTALLATION OF THE RETENTION SYSTEM WILL BE INCLUDED IN THE UNIT COST PER SQ. FT. FOR TEMPORARY SOIL RETENTION SYSTEM.

13. TEMPORARY CONCRETE BARRIER MAY BE REQUIRED FOR DROP-OFF PROTECTION DURING CONSTRUCTION STAGING. SEE THE TRAFFIC CONTROL AND PROTECTION SPECIAL PROVISION FOR APPLICABLE DROP-OFF PROTECTION CONDITIONS. ALL LABOR AND MATERIAL COSTS ASSOCIATED WITH THE INSTALLATION, RELOCATION AND REMOVAL OF TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS SHALL BE INCLUDED IN THE CORRESPONDING UNIT COSTS OF TEMPORARY CONCRETE BARRIER, FOOT, RELOCATE TEMPORARY CONCRETE BARRIER, FOOT, IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2, EACH, AND IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2, EACH. A QUANTITY FOR EACH ITEM HAS BEEN INCLUDED. PRIOR TO INSTALLATION OF ANY TEMPORARY CONCRETE BARRIER, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER ALL LOCATIONS WHERE THESE ITEMS ARE TO BE INSTALLED. THESE ITEMS ARE NOT TO BE INSTALLED WITHOUT APPROVAL FROM THE ENGINEER.

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. 167+64.00 TO STA. 211+00.00. THE WORK SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL STD. 701326.
- REMOVE EXISTING PAVEMENT, DRIVEWAYS AND UTILITIES AS DETAILED IN REMOVAL AND MAINTENANCE OF TRAFFIC PLAN SHEETS.
- CONSTRUCT THE PROPOSED SUBGRADE, PAVEMENTS (TO BINDER COURSE) AND SEWERS FROM STA. 167+64.00 TO STA. 211+00.00 AS DETAILED IN THE MAINTENANCE OF TRAFFIC PLANS.
- PLACE TEMPORARY EROSION CONTROL AND LANDSCAPING.

SUBSTAGE 1A MAJOR WORK ITEMS - CRAWFORD AVENUE - ROAD CLOSURE

- SET UP ROAD CLOSURE 1 AS DETAILED IN THE MOT PLANS. THIS WORK SHALL BE COMPLETED PRIOR TO OR SIMULTANEOUSLY WITH STAGE 1A WORK ON UNIVERSITY PARKWAY FROM STA. 167+64.00 TO STA. 211+00.00 (SEE SPECIAL PROVISIONS FOR TIME LIMITATIONS).
- REMOVE EXISTING PAVEMENT FROM STA. 400+19.00 TO STA. 404+05.28.
- CONSTRUCT FULL DEPTH PAVEMENT WIDENING (TO BINDER COURSE) STA. 400+19.00 TO STA. 404+05.28.
- CONSTRUCT PROPOSED CURB AND GUTTER.
- CONSTRUCT DITCH GRADING, CULVERT AND STORM SEWER LOW FLOW PIPE AND INLET STRUCTURES AT STA. 402+94.84.
- PLACE TEMPORARY EROSION CONTROL AND LANDSCAPING.

SUBSTAGE 1A MAJOR WORK ITEMS - GOVERNORS HIGHWAY

SUBSTAGE 1B MAJOR WORK ITEMS - GOVERNORS HIGHWAY

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 AS DETAILED IN REMOVAL AND MAINTENANCE OF TRAFFIC PLAN SHEETS.
- CONSTRUCT THE PROPOSED SUBGRADE, PAVEMENTS (TO BINDER COURSE) AND SEWERS FROM STA. 171+54.62 TO STA. 211+00.00 AS DETAILED IN THE MAINTENANCE OF TRAFFIC PLANS.
- CONSTRUCT MULTIUSE PATH.
- PLACE TEMPORARY EROSION CONTROL AND LANDSCAPING.

SUBSTAGE 1B MAJOR WORK ITEMS - CRAWFORD AVENUE - ROAD CLOSURE

- SET UP ROAD CLOSURE NO. 2 AS DETAILED IN THE MOT PLANS. THIS WORK SHALL BE COMPLETED PRIOR TO OR SIMULTANEOUSLY WITH STAGE 1B WORK ON UNIVERSITY PARKWAY FROM STA. 167+64.00 TO STA. 211+00.00 (SEE SPECIAL PROVISIONS FOR TIME LIMITATIONS).
- REMOVE EXISTING PAVEMENT FROM STA. 391+19.93 TO STA. 399+69.11.
- CONSTRUCT FULL DEPTH PAVEMENT WIDENING (TO BINDER COURSE) STA. 391+19.93 TO STA. 399+69.11
- CONSTRUCT PROPOSED CURB AND GUTTER.
- CONSTRUCT DITCH GRADING, CULVERT AND STORM SEWER LOW FLOW PIPE AND INLET STRUCTURES AT STA. 402+94.84.
- PLACE TEMPORARY EROSION CONTROL AND LANDSCAPING.

STAGE 1C MAJOR WORK ITEMS - UNIVERSITY PARKWAY

- CONSTRUCT TRAFFIC SIGNALS AT INTERSECTION OF UNIVERSITY PARKWAY AND GOVERNORS STATE UNIVERSITY ENTRANCE.

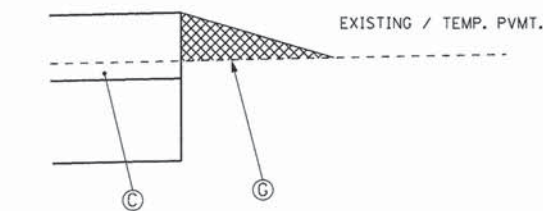
STAGE 2 MAJOR WORK ITEMS - UNIVERSITY PARKWAY/ CRAWFORD AVENUE

- PLACE LEVELING (IF APPLICABLE) AND SURFACE COURSES OVER ALL STAGE 1 SURFACES. THE WORK SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL STD. 701306.
- CONSTRUCT AGGREGATE SHOULDER ON UNIVERSITY PARKWAY FROM STA. 207+02.42 TO STA. 211+00.00 AND CRAWFORD AVENUE STA. 391+19.93 TO STA. 393+04.41 AND STA. 401+70.87 TO STA. 404+85.20.
- PLACE PERMANENT PAVEMENT MARKINGS ON UNIVERSITY PARKWAY FROM STA. 167+61.00 TO STA. 211+00.00 AND CRAWFORD AVENUE FROM STA. 391+19.93 TO STA. 404+85.20. THE WORK SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL STD. 701311.
- PLACE PERMANENT EROSION CONTROL AND LANDSCAPING FOR ALL STAGE 1 WORK LIMITS.

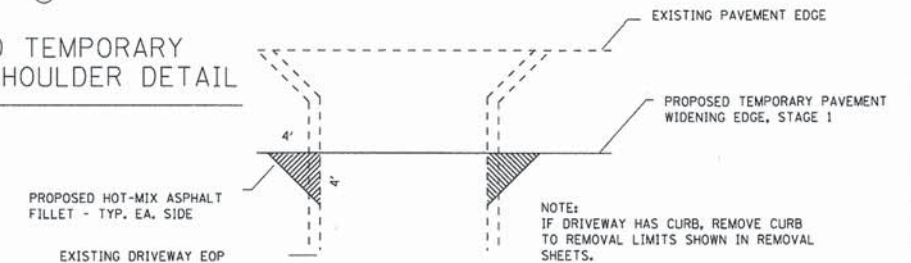
LEGEND

- ➔ DIRECTION OF TRAFFIC FLOW
- ⊥ TRAFFIC CONTROL SIGN
- ▨ WORK ZONE
- ▨ PROPOSED TEMPORARY HOT-MIX ASPHALT PAVEMENT WIDENING
- PROPOSED TEMPORARY PAVEMENT MARKING
- TT 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 1A PVMT.

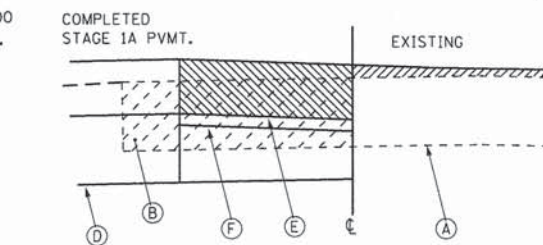


PROPOSED TEMPORARY AGGREGATE SHOULDER DETAIL



PROPOSED TEMPORARY DRIVEWAY FILLET DETAIL FOR TEMPORARY WIDENED PAVEMENT

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



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. AGGREGATE SHOULDER, TYPE B (VAR. DEPTH AND SLOPE - NOMINAL)

L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CA00\_Sheets\notes\notes.dgn 1/29/2015



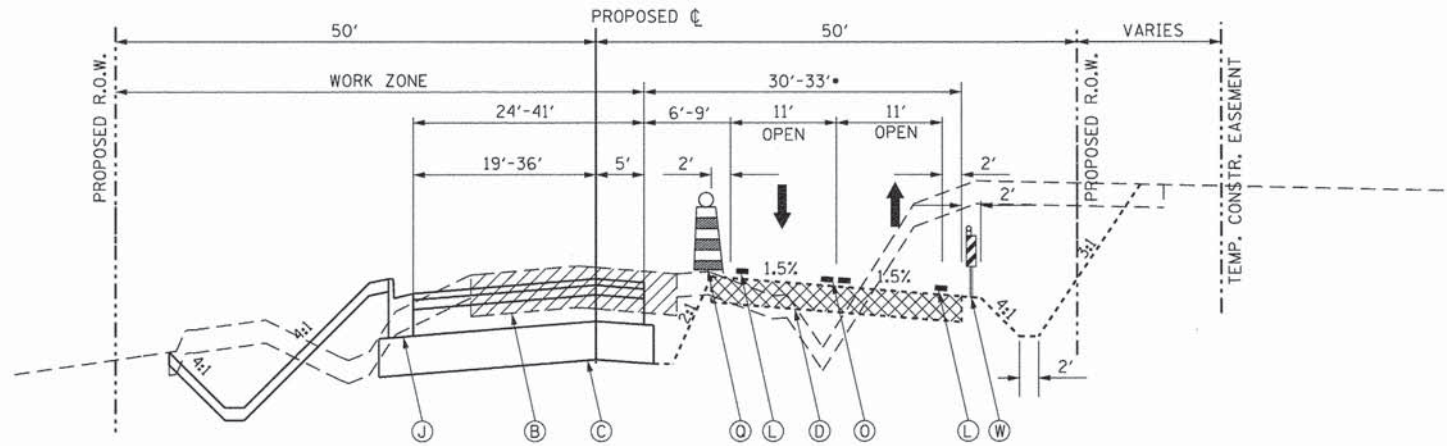
USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: mot_notes.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 200.0000' / in	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:15 PM	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLANS  
MAINTENANCE OF TRAFFIC NOTES

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

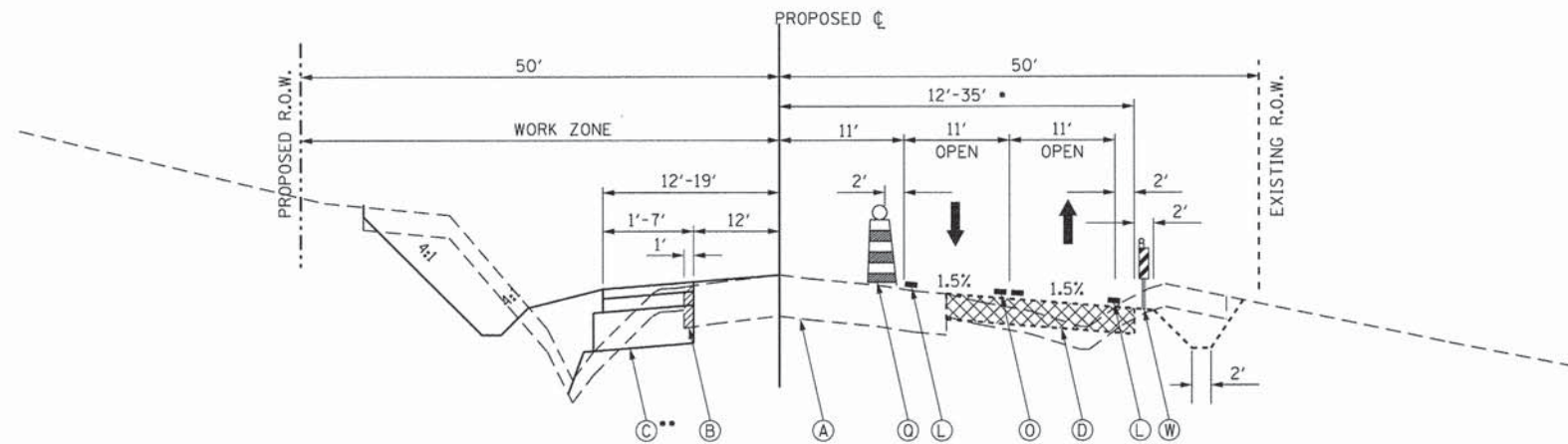
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	18
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				



**PROPOSED UNIVERSITY PARKWAY - STAGE 1A**

STA. 167+64.00 TO STA. 204+68.18

•TRANSITION FROM 33'-38'  
STA. 202+55.55 TO STA. 203+75.55



**PROPOSED UNIVERSITY PARKWAY - STAGE 1A**

STA. 205+67.10 TO STA. 211+00.00

•TRANSITION FROM 35'-12'  
STA. 206+10.10 TO 208+16.08

••HOT-MIX ASPHALT SURFACE COURSE  
AND AGGREGATE SHOULDERS  
TO BE CONSTRUCTED IN STAGE 1B  
OR STAGE 2

**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 MULTI-USE 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
- (X) TEMPORARY CONCRETE BARRIER WALL
- (Y) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (Z) TEMPORARY COMBO. CONC. C&G B-6.12

L:\UNIVPARK\4220-01\UnivPkwyEastSec\Draw\CA00\_Sheets\mot\_t.plo.dgn 1/29/2015



USER NAME = Kristin Timmons  
FILE NAME = mot\_t.plo.dgn  
PLOT SCALE = 10.0000' / in.  
PLOT DATE = 1/29/2015 4:38:15 PM

DESIGNED - AS  
DRAWN - AS  
CHECKED - KDN  
DATE - 1/16/2015

REVISED -  
REVISED -  
REVISED -  
REVISED -

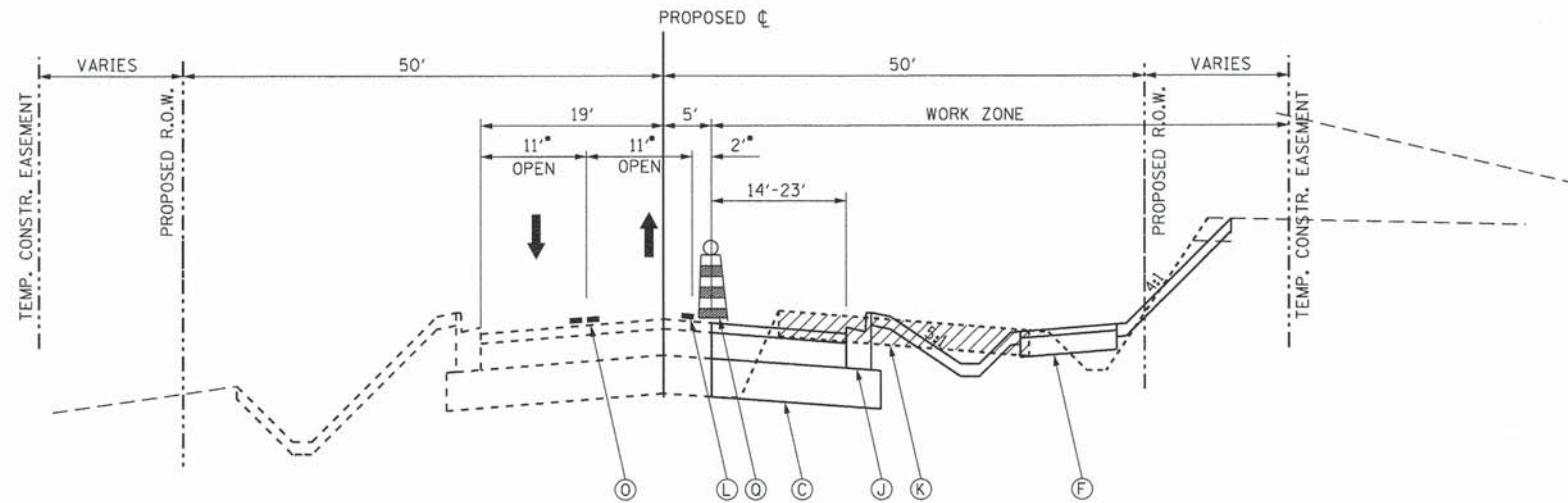
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	19
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

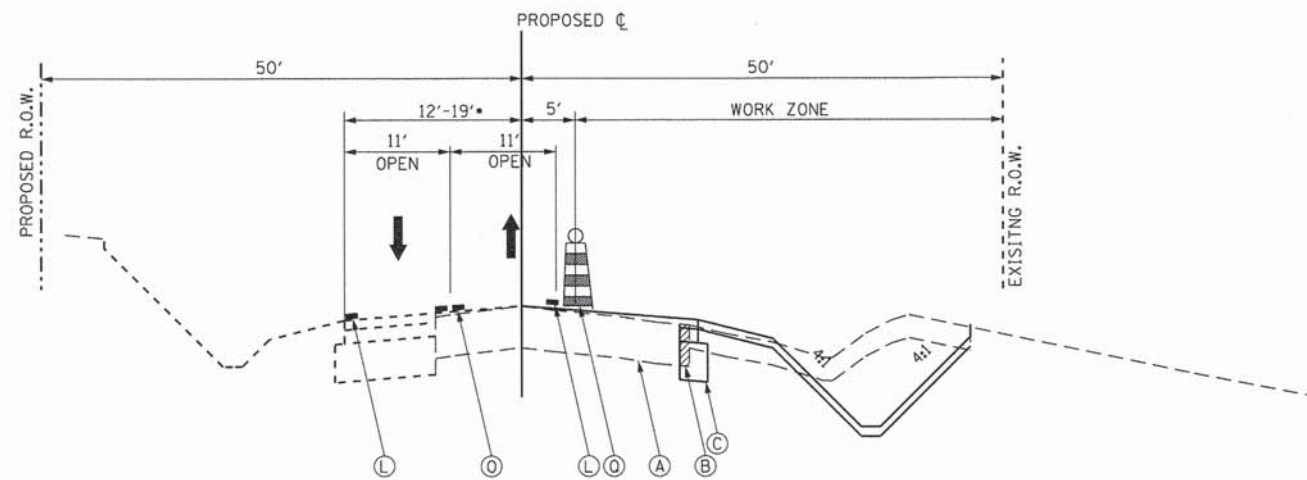
License No. 184-000013 Copyright CMT, Inc.



**PROPOSED UNIVERSITY PARKWAY - STAGE 1B**

STA. 171+54.62 TO STA. 204+70.00

•REDUCED LANE AND SHOULDER WIDTHS  
MAY BE NECESSARY FOR CONSTRUCTION  
IN CLOSE PROXIMITY TO TEMPORARY  
TRAFFIC LANES.



**PROPOSED UNIVERSITY PARKWAY - STAGE 1B**

STA. 205+65.00 TO STA. 211+00.00

•TRANSITION FROM 19'-12'  
STA. 206+80.34 TO STA. 211+00.00

**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 MULTI-USE 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
- (X) TEMPORARY CONCRETE BARRIER WALL
- (Y) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (Z) TEMPORARY COMBO. CONC. C&G B-6.12

L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CADD\_Sheets\mot\_ttyp1B.dgn 1/29/2015



USER NAME = Kristin Timmons  
FILE NAME: mot\_ttyp1B.dgn  
PLOT SCALE = 10.0000' / 1in.  
PLOT DATE = 1/29/2015 4:38:16 PM

DESIGNED - AS  
DRAWN - AS  
CHECKED - KDN  
DATE - 1/16/2015

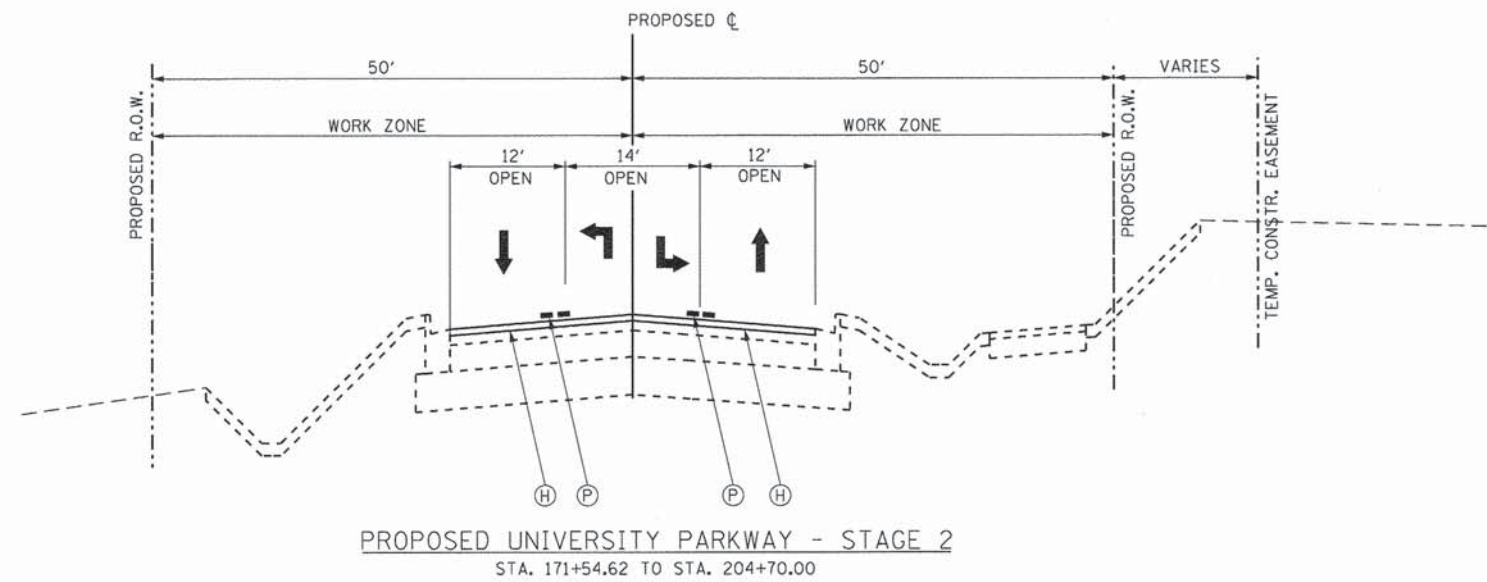
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

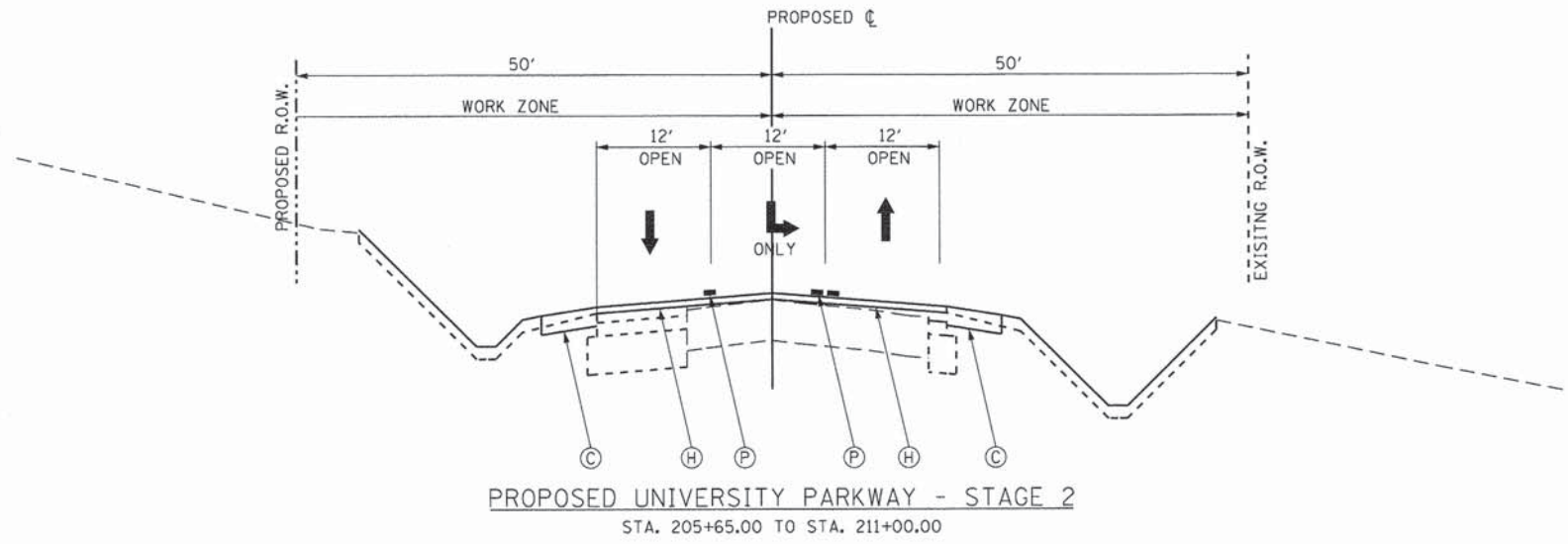
**SUGGESTED MAINTENANCE OF TRAFFIC  
TYPICAL SECTION STAGE 1B UNIVERSITY PARKWAY**

SCALE: 1"=10' SHEET 3 OF 10 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	20
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				



PROPOSED UNIVERSITY PARKWAY - STAGE 2  
STA. 171+54.62 TO STA. 204+70.00



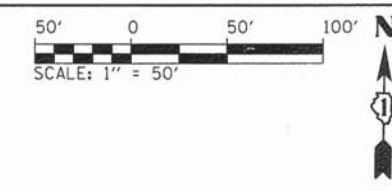
PROPOSED UNIVERSITY PARKWAY - STAGE 2  
STA. 205+65.00 TO STA. 211+00.00

**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 MULTI-USE 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
- (X) TEMPORARY CONCRETE BARRIER WALL
- (Y) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (Z) TEMPORARY COMBO, CONC. C&G B-6.12

L:\UNIVPARK\14220-01\UnivPkwyEast\Sec\Draw\CADD\_Sheets\mot\_typ2.dgn 1/29/2015

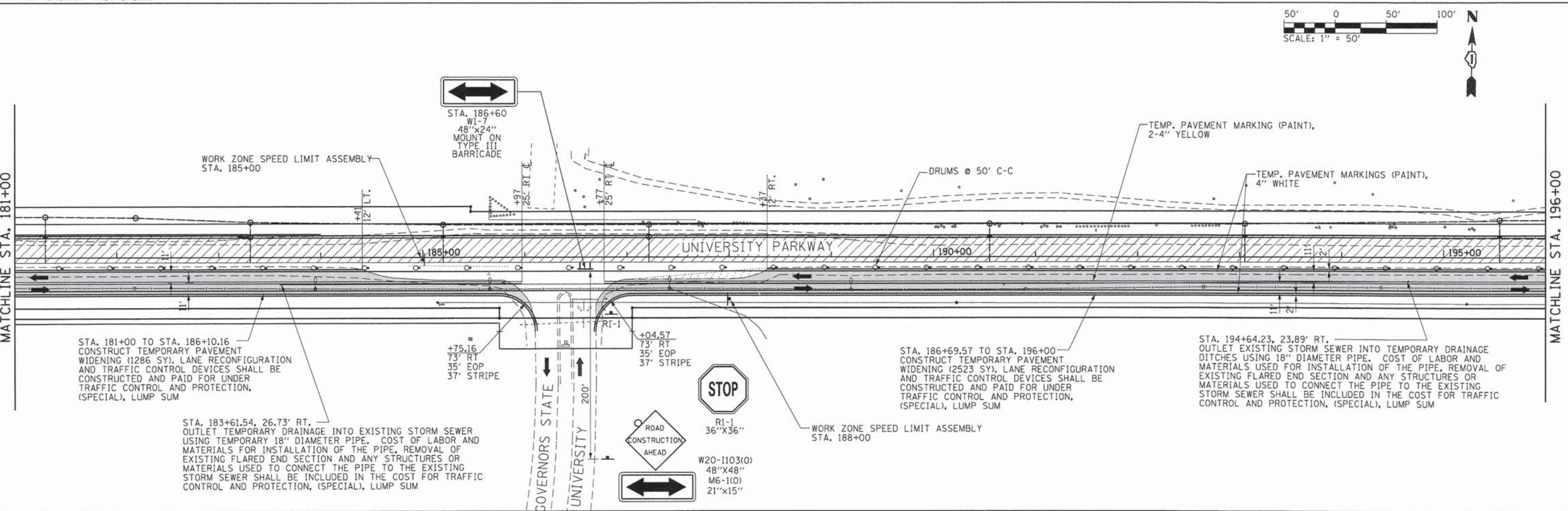
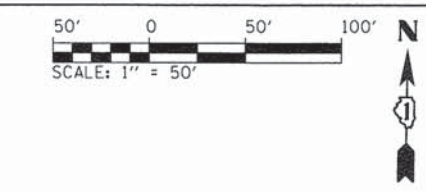
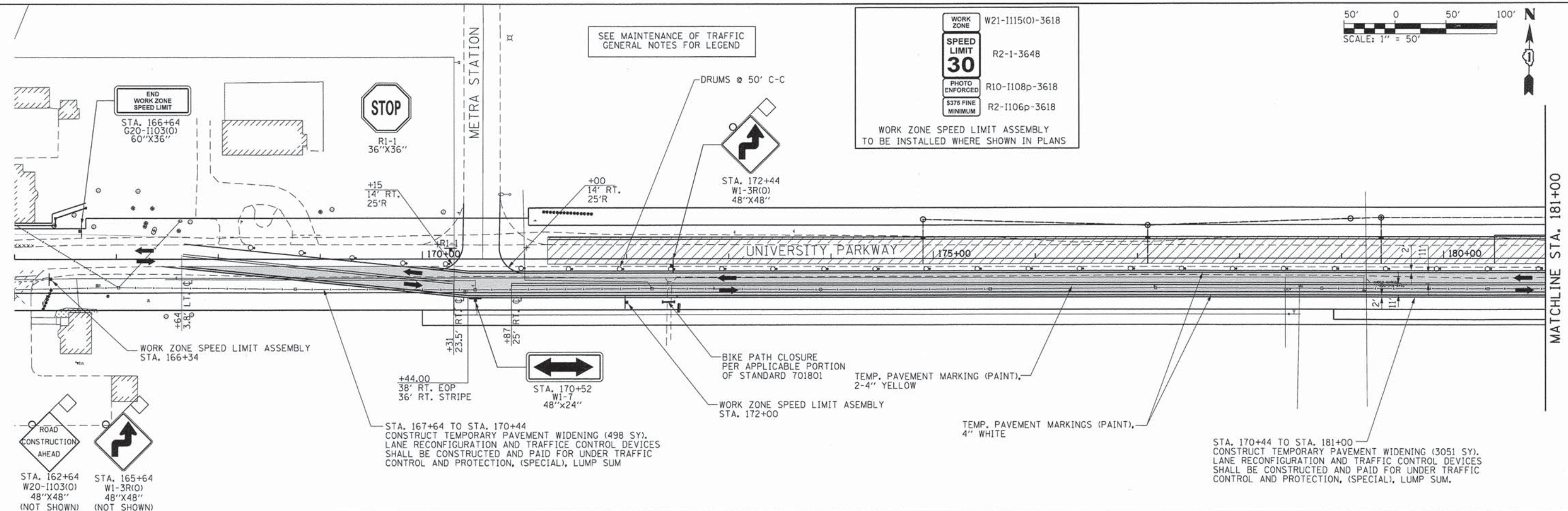
	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED MAINTENANCE OF TRAFFIC</b> <b>TYPICAL SECTION STAGE 2 UNIVERSITY PARKWAY</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME: mot_typ2.dgn	DRAWN - AS	REVISED -		1637	96-00014-01-PV	WILL	119	21			
	PLOT SCALE = 10,0000' / 1" =	CHECKED - KDN	REVISED -		CONTRACT NO. 61A75							
	PLOT DATE = 1/29/2015 4:38:16 PM	DATE - 1/16/2015	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 1"=10'		SHEET 4 OF 10 SHEETS		STA. N/A TO STA. N/A				



SEE MAINTENANCE OF TRAFFIC  
GENERAL NOTES FOR LEGEND

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT 30	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106p-3618

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



L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CAAD\_Sheets\mot\_stg1A.dgn 1/29/2015

	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1A</b> <b>UNIVERSITY PARKWAY</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME: mot_stg1A.dgn	DRAWN - AS	REVISED -			1637	96-00014-01-PV	WILL	119	22
PLOT SCALE = 50.0000' / 1" =	CHECKED - KDN	REVISED -		SCALE: 1"=50'		SHEET 5 OF 10 SHEETS		STA. 166+00 TO STA. 196+00		CONTRACT NO. 61A75
PLOT DATE = 1/29/2015 4:38:17 PM	DATE = 1/16/2015	REVISED -		ILLINOIS FED. AID PROJECT						



SEE MAINTENANCE OF TRAFFIC  
GENERAL NOTES FOR LEGEND.

STA. 200+57.95, 19.79' RT.  
OUTLET EXISTING PIPE CULVERT INTO TEMPORARY DRAINAGE  
DITCHES USING 18" DIAMETER PIPE. COST OF LABOR AND  
MATERIALS USED FOR INSTALLATION OF THE PIPE, REMOVAL  
OF EXISTING FLARED END SECTIONS AND ANY STRUCTURES OR  
MATERIALS USED TO CONNECT THE PIPE TO THE EXISTING PIPE  
CULVERT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL  
AND PROTECTION, (SPECIAL), LUMP SUM

CRAWFORD AVENUE FROM STA. 399+95.00 TO  
STA. 404+85.20 WILL BE SUBSTAGED AS PART  
OF STAGE 1A. THIS SECTION OF ROADWAY WILL  
REMAIN OPEN UNTIL IT IS TO BE CONSTRUCTED  
BY A 14 DAY ROAD CLOSURE. THE CONTRACTOR  
WILL SET UP DETOUR NO. 1 ONCE WORK IS  
COMPLETED ON CRAWFORD AVE. THE ROADWAY  
WILL BE TEMPORARILY STRIPED AND RE-OPENED  
TO TRAFFIC.

MATCHLINE STA. 196+00

MATCHLINE STA. 211+00

STA. 196+00 TO STA. 205+03.10  
CONSTRUCT TEMPORARY PAVEMENT  
WIDENING (2222 SY). LANE RECONFIGURATION  
AND TRAFFIC CONTROL DEVICES SHALL BE  
CONSTRUCTED AND PAID FOR UNDER  
TRAFFIC CONTROL AND PROTECTION,  
(SPECIAL), LUMP SUM

STA. 201+55.17, 25.72' RT.  
OUTLET TEMPORARY DRAINAGE INTO EXISTING STORM SEWER  
USING TEMPORARY 12" DIAMETER PIPE. COST OF LABOR AND  
MATERIALS FOR INSTALLATION OF THE PIPE, REMOVAL OF  
EXISTING FLARED END SECTION AND ANY STRUCTURES OR  
MATERIALS USED TO CONNECT THE PIPE TO THE EXISTING  
STORM SEWER SHALL BE INCLUDED IN THE COST FOR TRAFFIC  
CONTROL AND PROTECTION, (SPECIAL), LUMP SUM

STA. 205+32.13 TO STA. 208+16  
CONSTRUCT TEMPORARY PAVEMENT  
WIDENING (267 SY). LANE RECONFIGURATION  
AND TRAFFIC CONTROL DEVICES SHALL BE  
CONSTRUCTED AND PAID FOR UNDER  
TRAFFIC CONTROL AND PROTECTION,  
(SPECIAL), LUMP SUM

STA. 204+75  
R1-1  
30"X30"  
R1-3P  
18"X6"  
R3-2  
24"X24"

STA. 397+53  
R3-27  
24"X24"  
(DURING CLOSURE)

STA. 395+00  
W3-1g(O)  
36"X36"  
(NOT SHOWN)



WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106p-3618

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

MATCHLINE STA. 211+00

STA. 213+00  
W3-1g(O)  
36"X36"

WORK ZONE SPEED LIMIT ASSEMBLY  
STA. 214+50

STA. 216+00  
W20-1103(O)  
48"X48"

END  
WORK ZONE  
SPEED LIMIT  
STA. 217+00  
G20-1103(O)  
60"X36"

E. LINE 3/4" X 1/4" SECTION 2-24-13  
POI STA 218+33.99



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: mot_stg1A_2.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 58.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 3/26/2015 4:17:02 PM	DATE - 1/16/2015	REVISED -

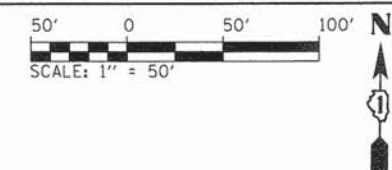
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1A  
UNIVERSITY PARKWAY

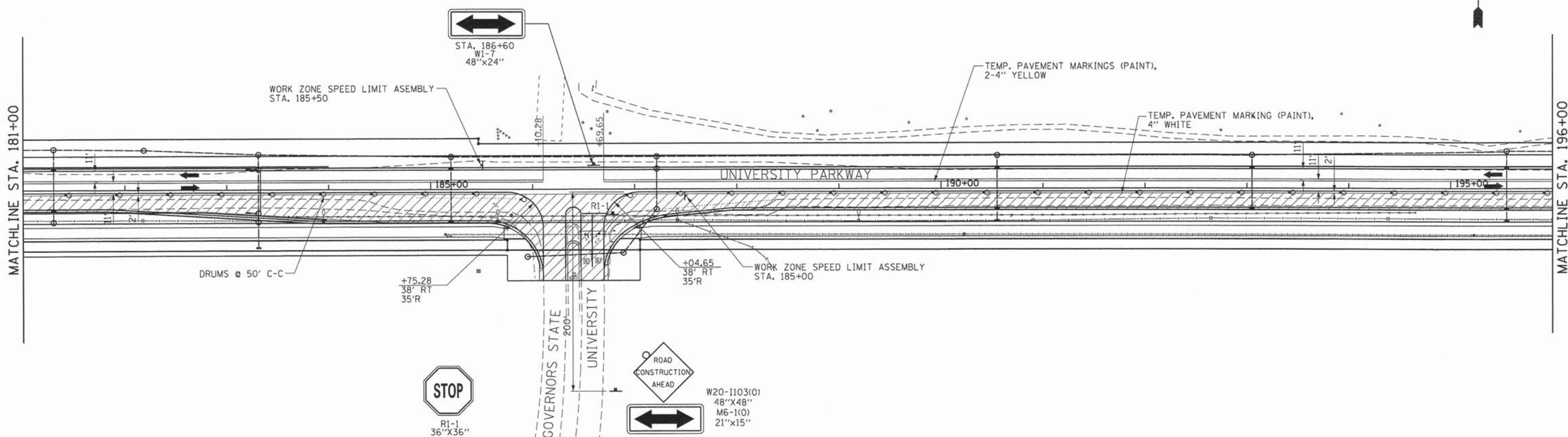
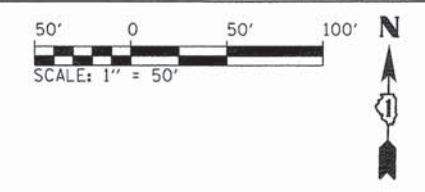
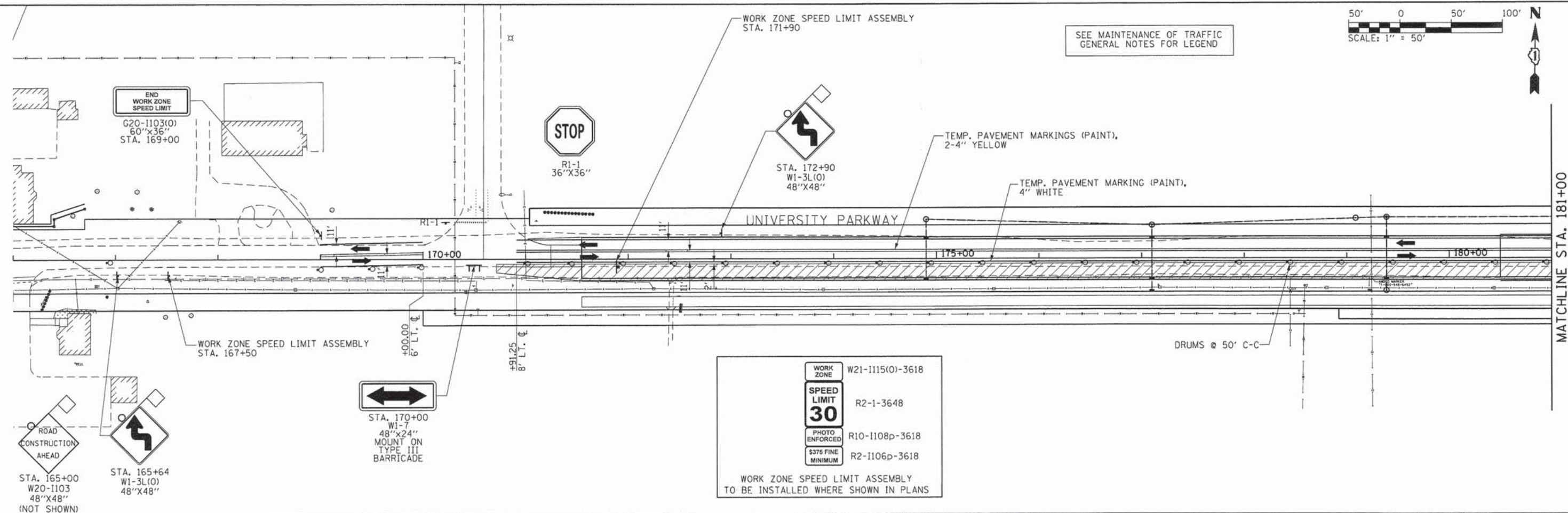
SCALE: 1"=50' SHEET 6 OF 10 SHEETS STA. 196+00 TO STA. 218+33.99

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	23
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				

L:\UNIVPARK\14220-0\UnivPkw\EastSec\Draw\CADD\_Sheets\mot\_stg1A\_2.dgn  
3/26/2015



SEE MAINTENANCE OF TRAFFIC  
GENERAL NOTES FOR LEGEND



L:\UNIVPARK\14220-01\UnivPkwyEast\Sec\Draw\CA00\_Sheets\mot\_stg1B.dgn 1/29/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: mot_stg1B.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:19 PM	DATE - 1/16/2015	REVISED -

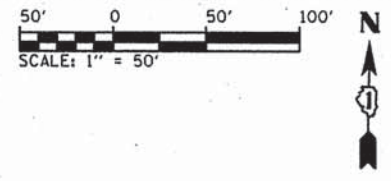
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1B  
UNIVERSITY PARKWAY**

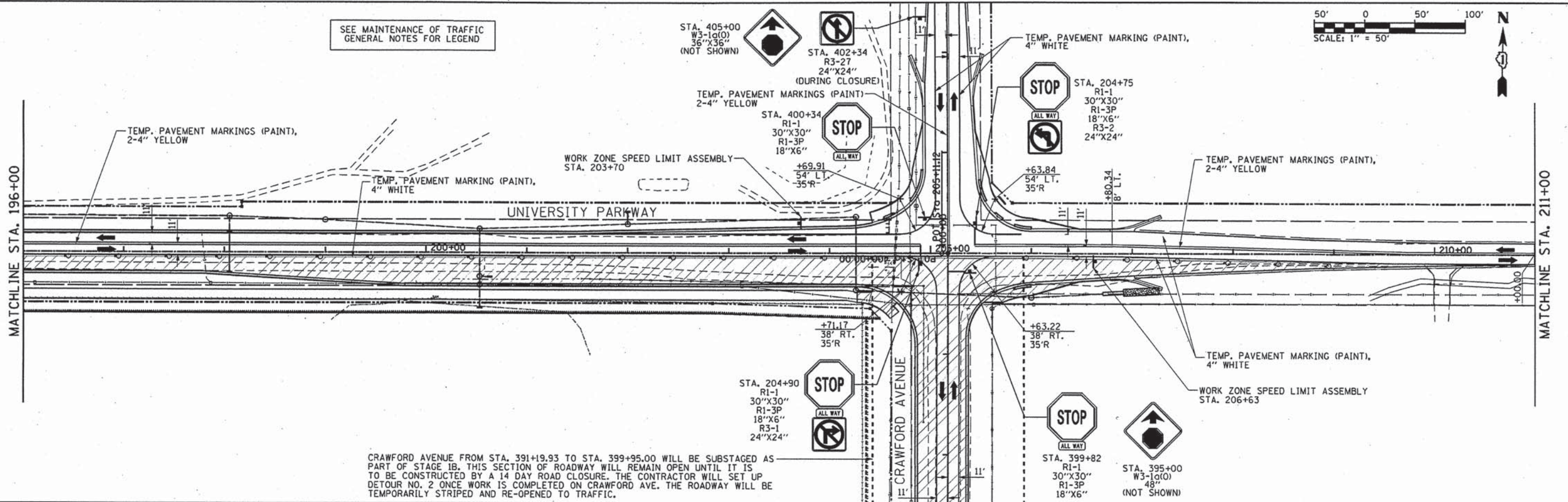
SCALE: 1"=50' SHEET 7 OF 10 SHEETS STA. 166+00 TO STA. 196+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	24
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

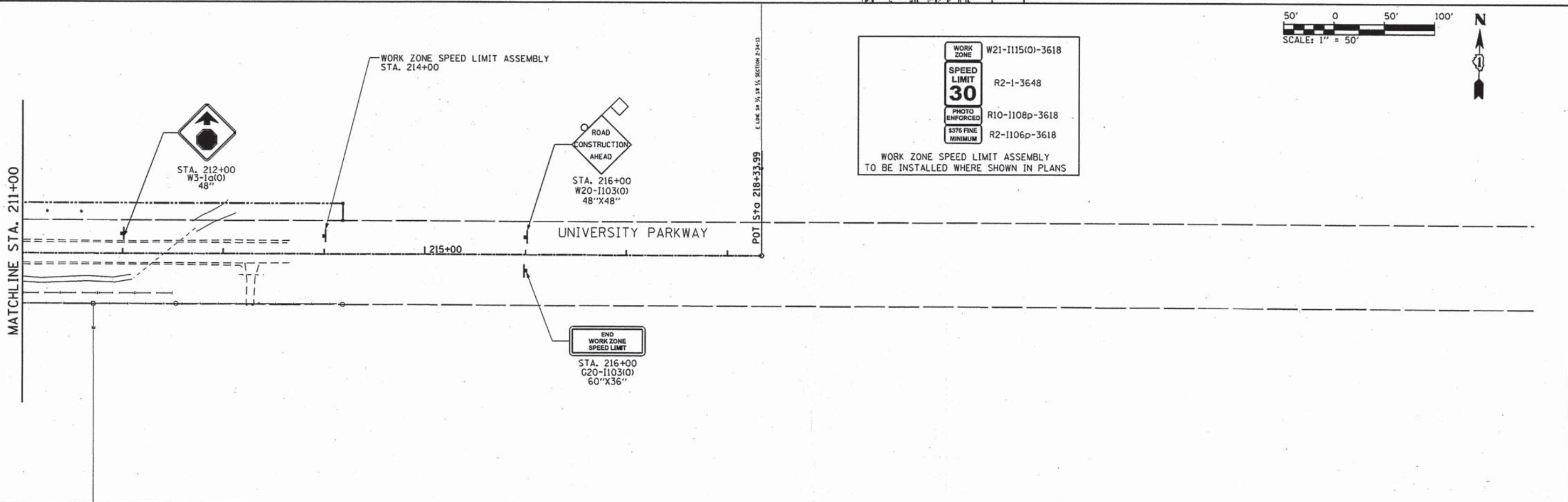
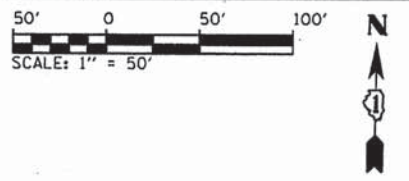




SEE MAINTENANCE OF TRAFFIC  
GENERAL NOTES FOR LEGEND

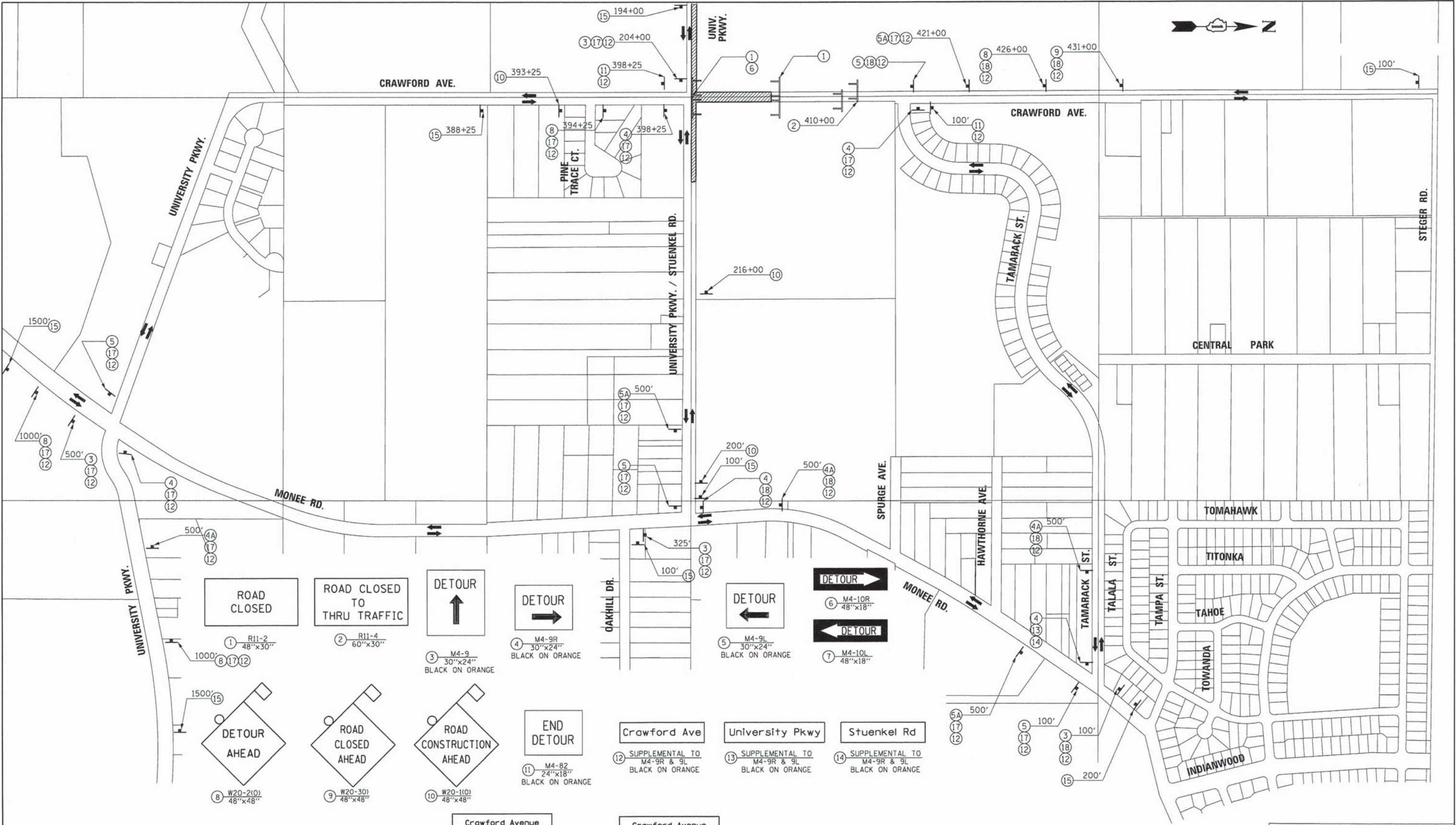


CRAWFORD AVENUE FROM STA. 391+19.93 TO STA. 399+95.00 WILL BE SUBSTAGED AS PART OF STAGE 1B. THIS SECTION OF ROADWAY WILL REMAIN OPEN UNTIL IT IS TO BE CONSTRUCTED BY A 14 DAY ROAD CLOSURE. THE CONTRACTOR WILL SET UP DETOUR NO. 2 ONCE WORK IS COMPLETED ON CRAWFORD AVE. THE ROADWAY WILL BE TEMPORARILY STRIPED AND RE-OPENED TO TRAFFIC.



L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CADD\_Sheets\mot\_stq1B.2.dgn 3/26/2015

	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1B</b> <b>UNIVERSITY PARKWAY</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME: mot_stq1B.2.dgn	DRAWN - AS	REVISED -		SCALE: 1"=50'	SHEET 8 OF 10 SHEETS	STA. 196+00 TO STA. 218+33.99	1637	96-00014-01-PV	WILL	119
	PLOT SCALE = 58.0000' / 1in.	CHECKED - KDN	REVISED -				<b>CONTRACT NO. 61A75</b> <small>ILLINOIS FED. AID PROJECT</small>				
	PLOT DATE = 3/26/2015 4:17:03 PM	DATE - 1/16/2015	REVISED -								



L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CADD\_Sheets\mot\_detour.dgn 1/29/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: mot_detour.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 380.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:21 PM	DATE - 1/16/2015	REVISED -

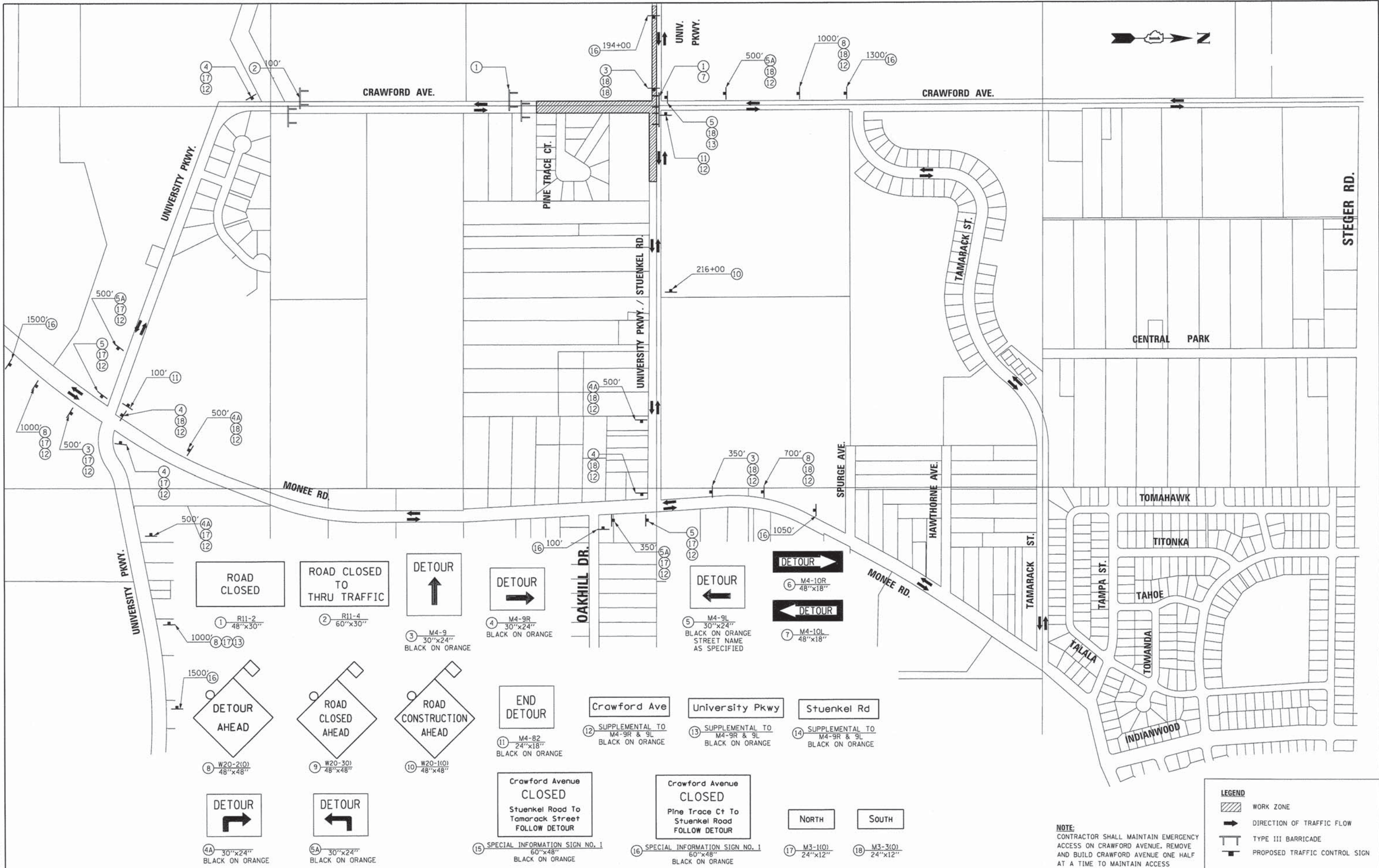
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1A  
DETOUR 1**

SCALE: N/A SHEET 9 OF 10 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 26
CONTRACT NO. 61A75			ILLINOIS FED. AID PROJECT	

L:\UNIVPARK\14220-01\univpkwyEastSec10r\aw\CADD\_Sheets\mot\_detour2.dgn  
1/29/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = mot_detour2.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 300.0000' / 1" =	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:22 PM	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

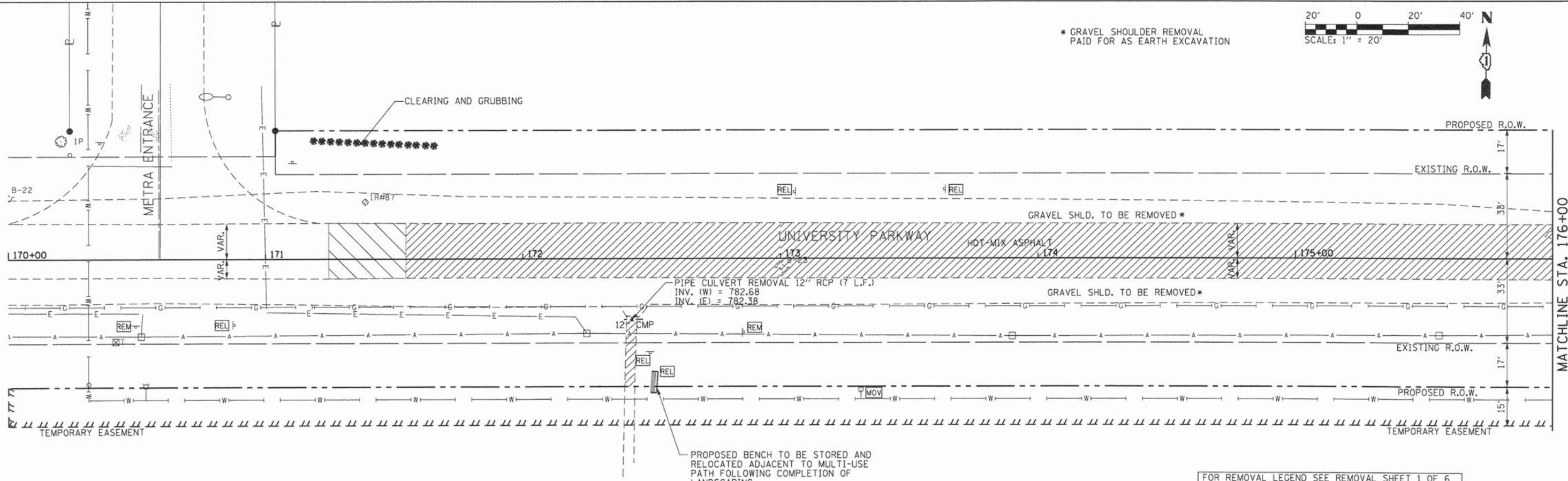
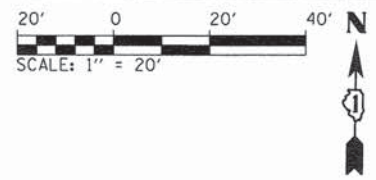
SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1B  
DETOUR 2

SCALE: N/A SHEET 10 OF 10 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 27
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND	
	HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	HOT-MIX ASPHALT PAVEMENT AND HOT-MIX ASPHALT DRIVEWAY REMOVAL (44000100)
	SELECTIVE CLEARING
	CURB AND GUTTER REMOVAL
	STORM SEWER, CULVERT, WATERMAIN & FENCE REMOVAL
	TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)
	TREE REMOVAL (OVER 15 UNITS DIAMETER) (20100210)
	TEMPORARY FENCE TO PROTECT TREE TREE PRUNING (OVER 10") MULCH RING
	REMOVAL OF EXISTING SIGNS, MAILBOXES, INLETS, CATCH BASINS, MANHOLES, F.E.S.
	RELOCATE EXISTING LIGHT UNITS, SIGNS, ETC.
	RECONSTRUCT EXISTING MANHOLES
	ADJUST EXISTING INLETS, CATCH BASINS, MANHOLES, VALVE VAULTS, AND SERVICE BOXES
	FIRE HYDRANTS

\* GRAVEL SHOULDER REMOVAL PAID FOR AS EARTH EXCAVATION

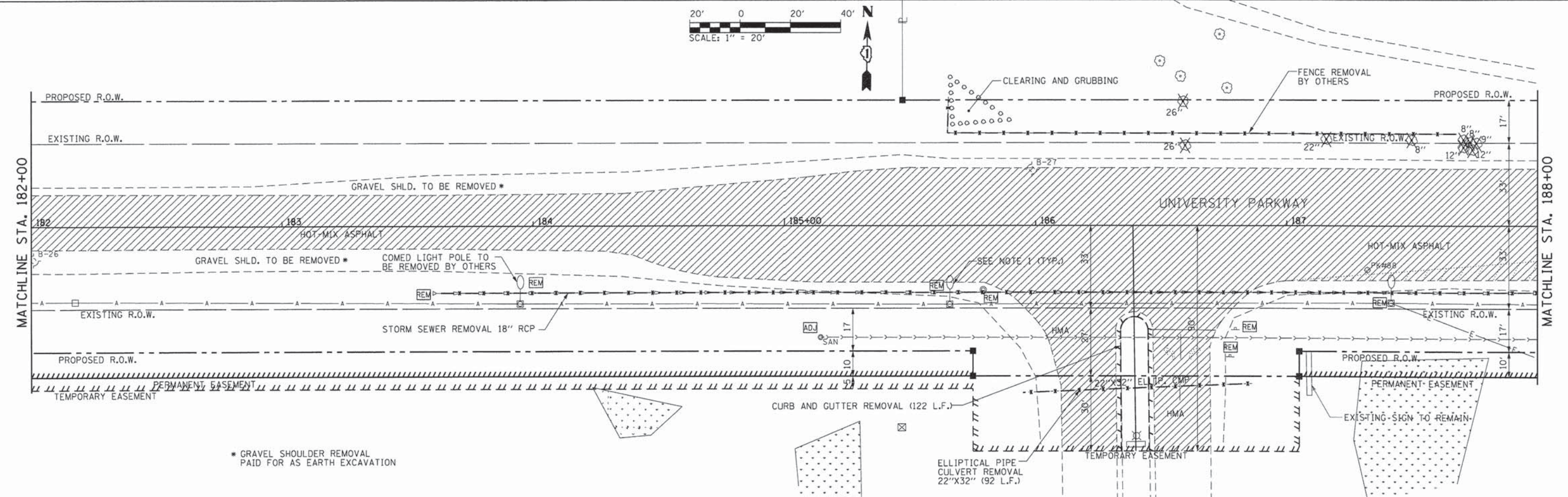
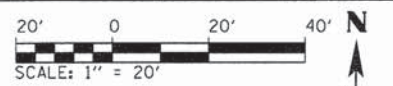
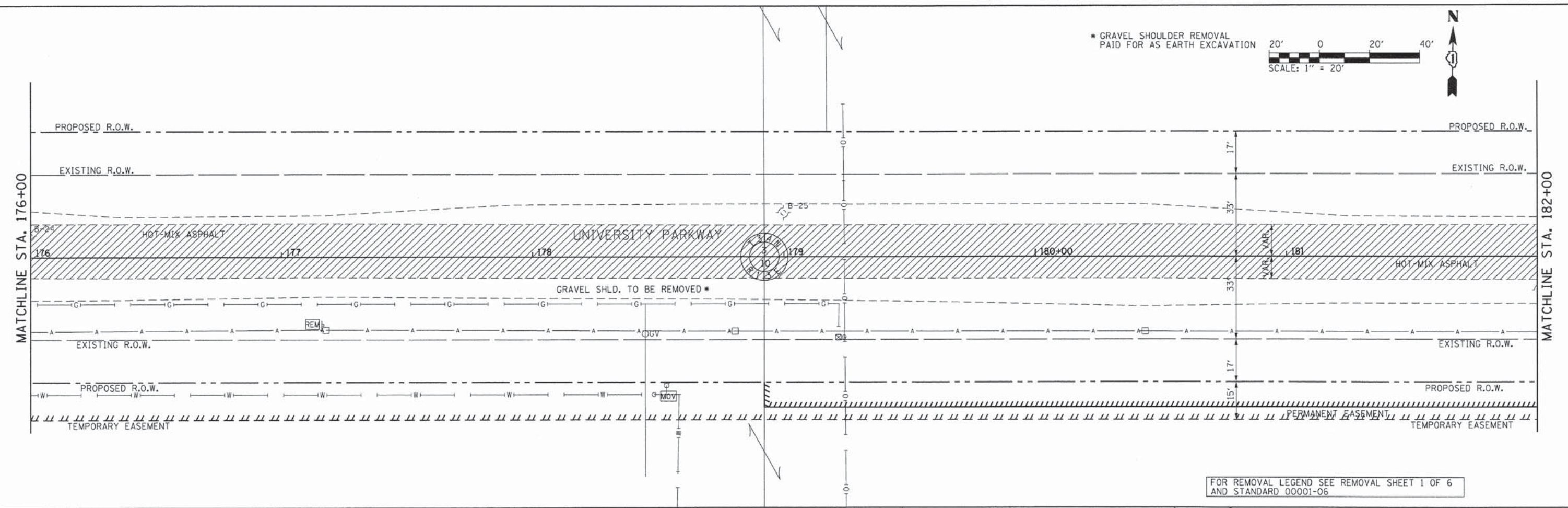


FOR REMOVAL LEGEND SEE REMOVAL SHEET 1 OF 6 AND STANDARD 00001-06

L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CADD\_Sheets\Rem\_7new.dgn 2/2/2015

	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS UNIVERSITY PARKWAY</b>		F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 28
	FILE NAME: rem_7new.dgn	DRAWN - AS	REVISED -		SCALE: 1"=20'	SHEET 1 OF 6 SHEETS	STA. 170+00 TO STA. 176+00	CONTRACT NO. 61A75		ILLINOIS FED. AID PROJECT	
<small>License No. 184-000513</small>	PLOT SCALE = 20,0000' / in.	CHECKED - KDN	REVISED -								
	PLOT DATE = 2/2/2015 9:31:30 AM	DATE - 1/16/2015	REVISED -								

\* GRAVEL SHOULDER REMOVAL PAID FOR AS EARTH EXCAVATION



L:\UNIVPARK\4220-01\UnivPkwyEast\Sec\Draw\CAADD\_Sheets\ram\_bnew.dgn 2/2/2015



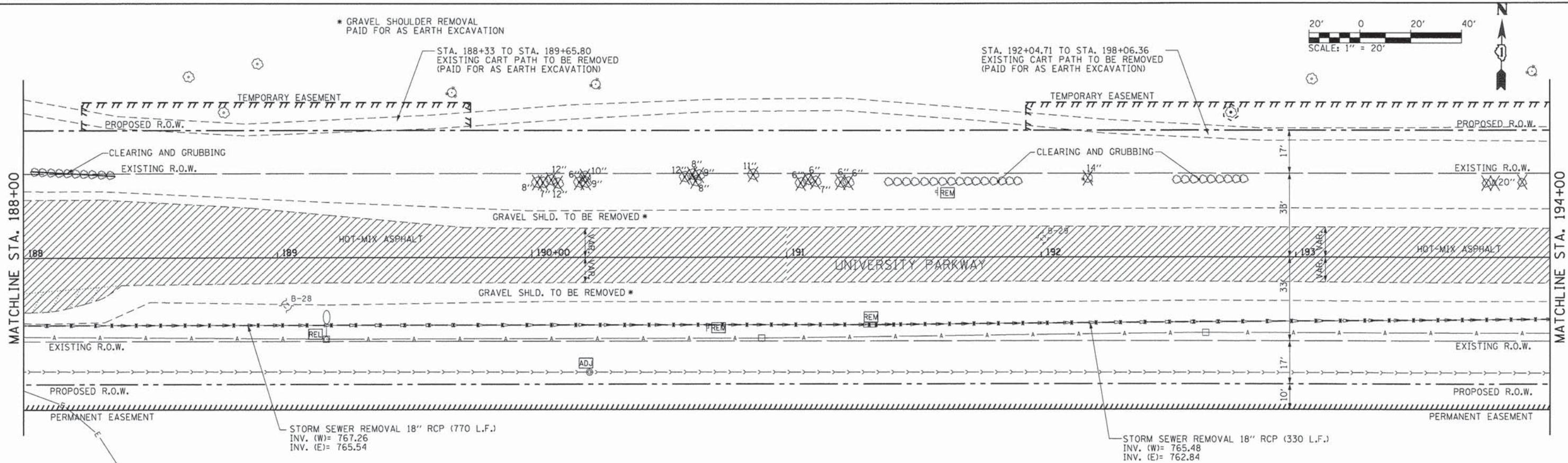
USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = ram_bnew.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20,0000 1/20	CHECKED - KDN	REVISED -
PLOT DATE = 2/2/2015 9:31:31 AM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS  
UNIVERSITY PARKWAY**

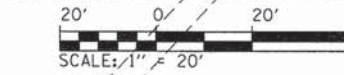
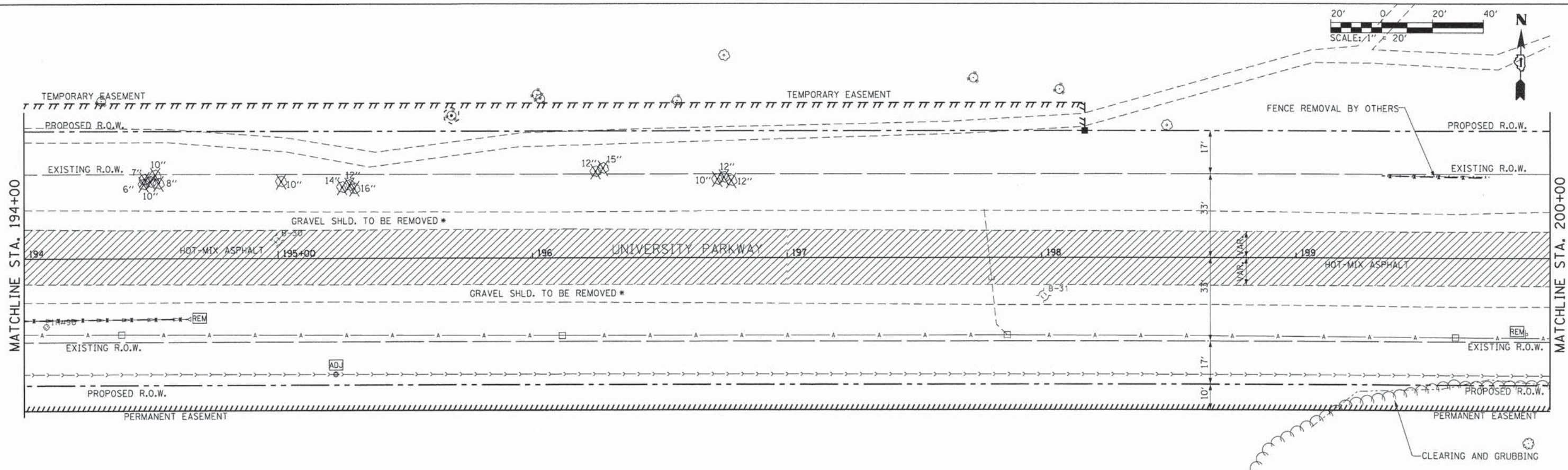
SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 176+00 TO STA. 188+00

F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 29
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				



NOTE:  
1. COMED LIGHTS TO BE REMOVED BY OTHERS.

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



\* GRAVEL SHOULDER REMOVAL PAID FOR AS EARTH EXCAVATION

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

L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CAAD\_Sheets\rem\_3new.dgn 2/2/2015



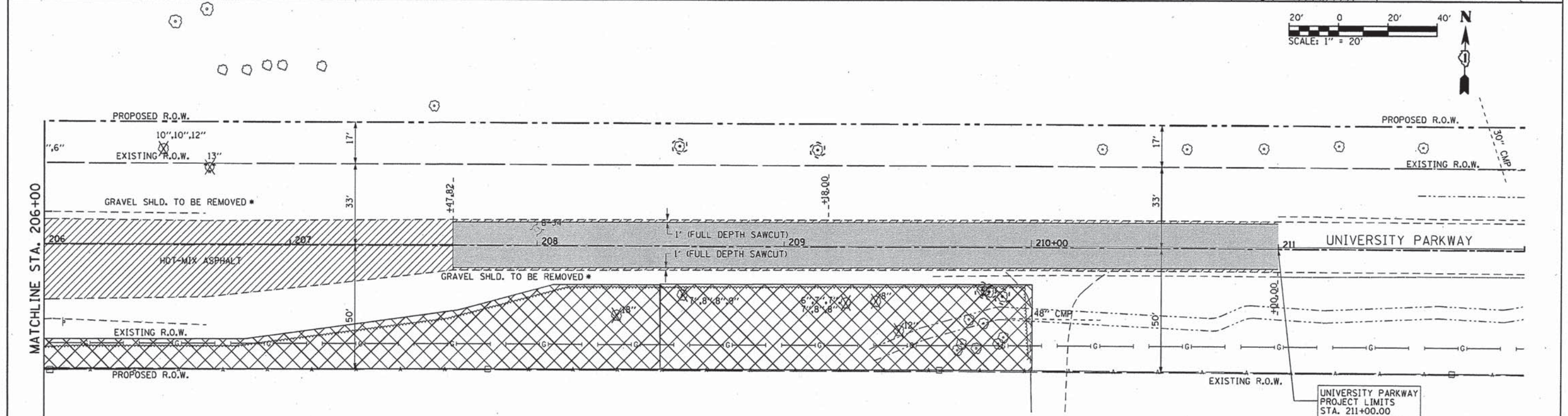
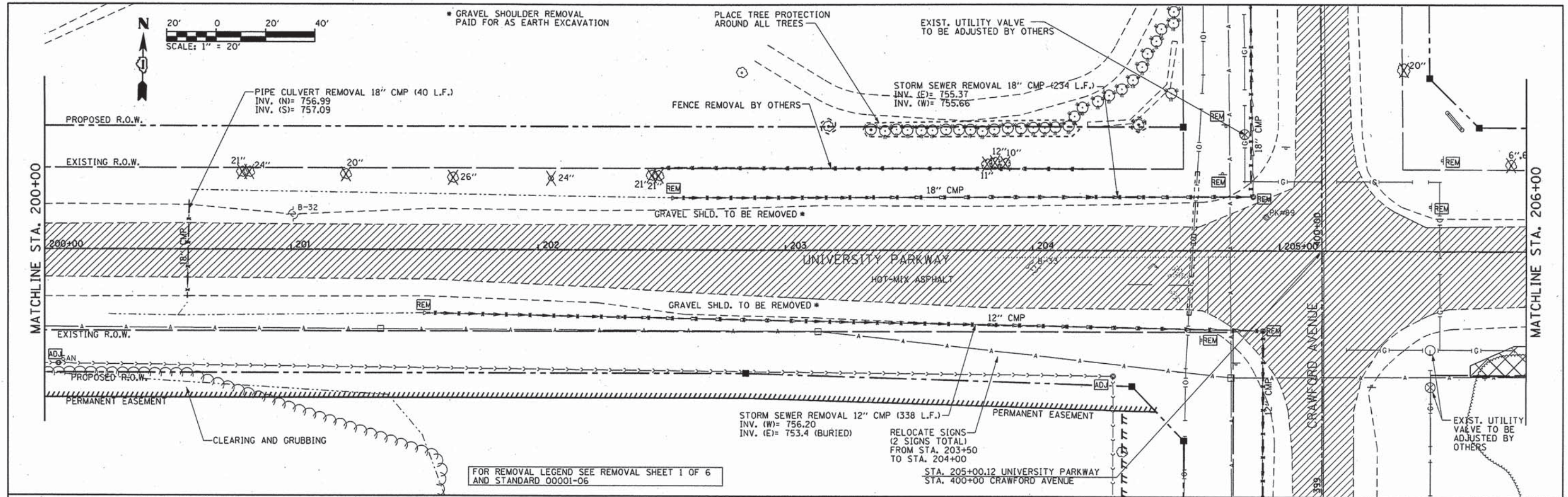
USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: rem_3new.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 2/2/2015 9:31:31 AM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS  
UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 188+00 TO STA. 200+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	30
			CONTRACT NO. 61A75	
ILLINOIS FED. AID PROJECT				



\* GRAVEL SHOULDER REMOVAL PAID FOR AS EARTH EXCAVATION

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

L:\UNIVPARK\14220-01\UnivPkw\EastSec\Draw\CADD\_Sheets\Rem\_10new.dgn 3/26/2015



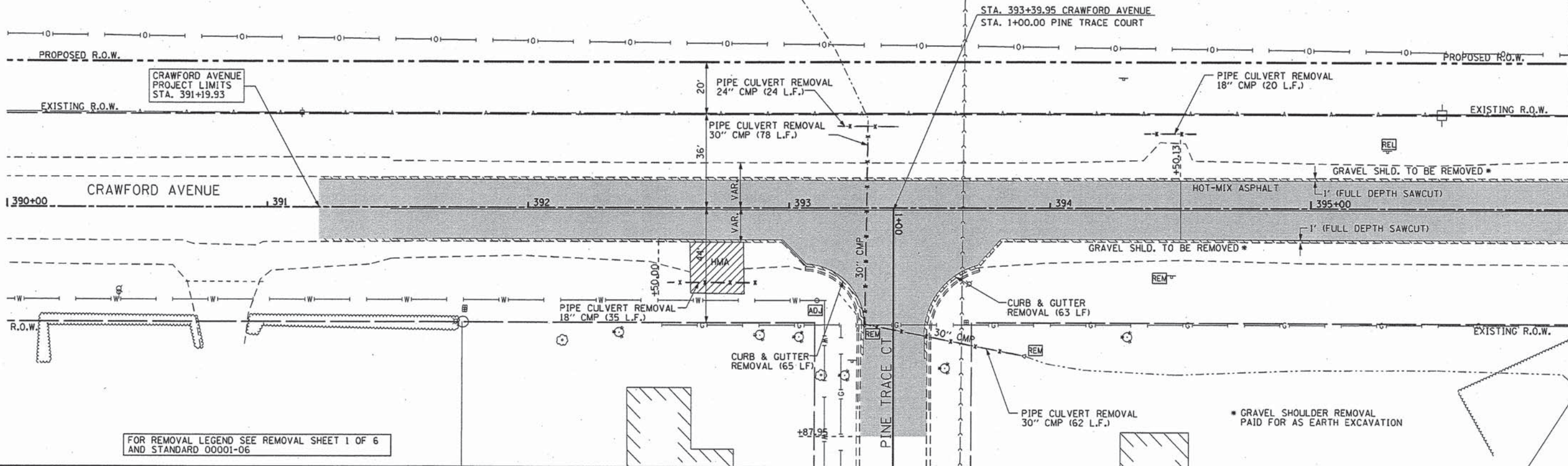
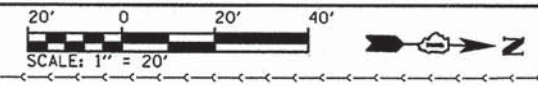
USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = rem_10new.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 28.0000' / 1" = 28'	CHECKED - KDN	REVISED -
PLOT DATE = 3/26/2015 4:17:55 PM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

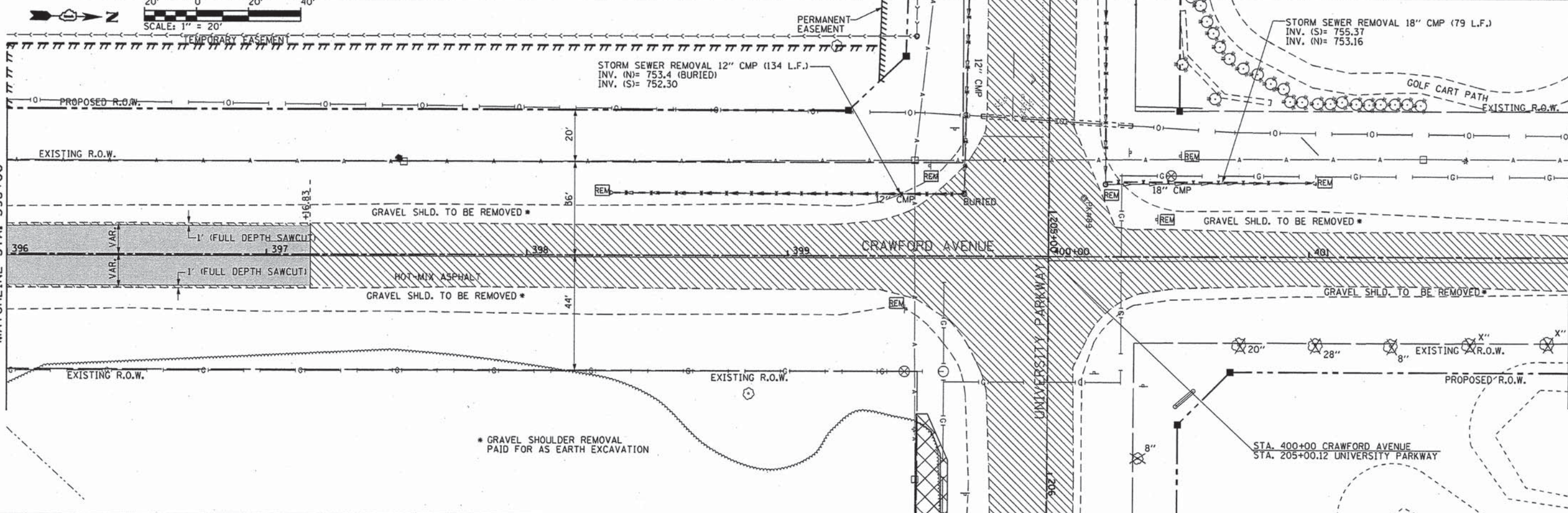
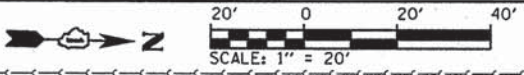
**REMOVAL PLANS  
UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 200+00 TO STA. 211+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	31
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				



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



\* GRAVEL SHOULDER REMOVAL PAID FOR AS EARTH EXCAVATION

L:\UNIPARK\14220-01\UnivPkwy\EastSec\Draw\CA00\_Sheets\rem\_craw\_innew.dgn 3/26/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: rem_craw_innew.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 28,0000 / in.	CHECKED - KDN	REVISED -
PLOT DATE = 3/26/2015 4:17:56 PM	DATE - 1/16/2015	REVISED -

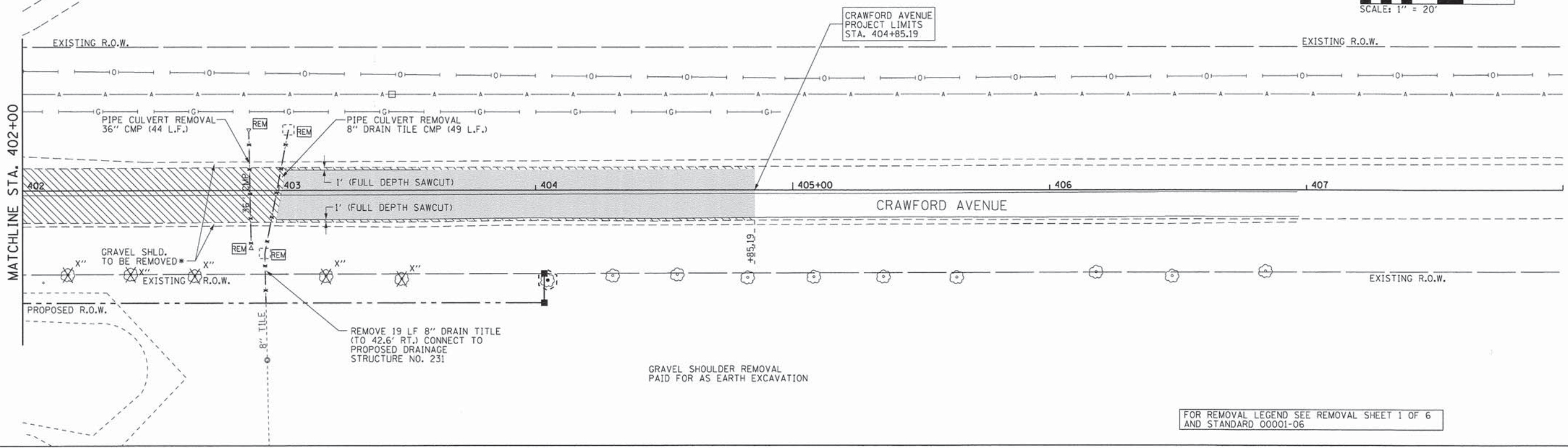
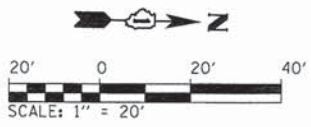
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS  
CRAWFORD AVENUE**


SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 392+00 TO STA. 402+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	32
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				





L:\UNIVERSITY\220-01\univpkwy\cst\sec\Draw\CADD\_Sheets\rem\_crow\_2new.dgn 2/2/2015

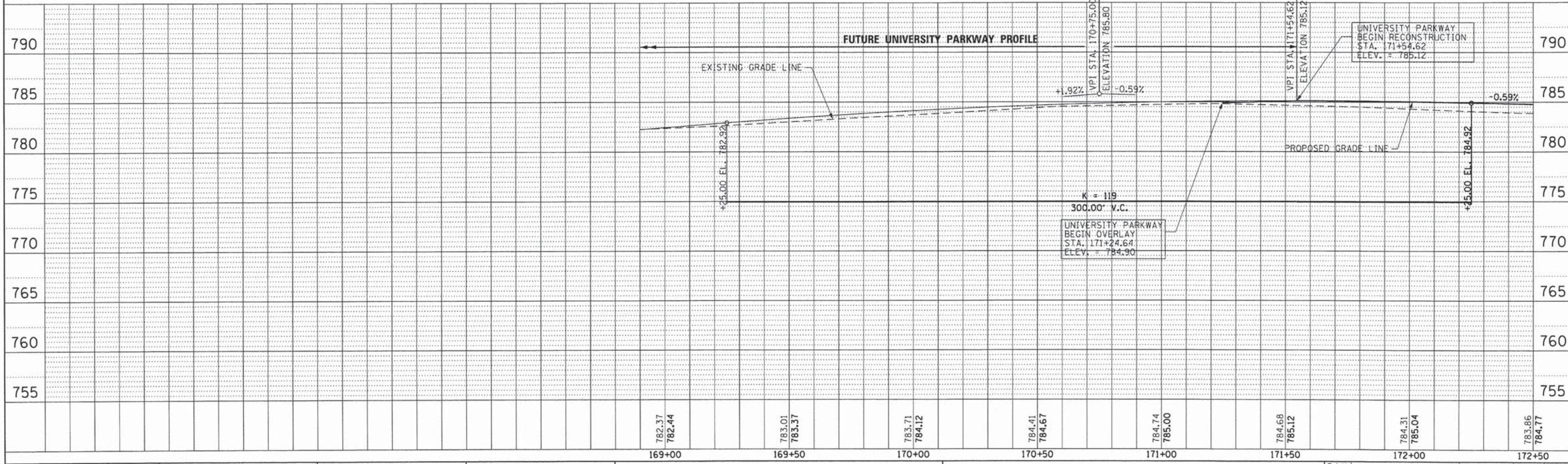
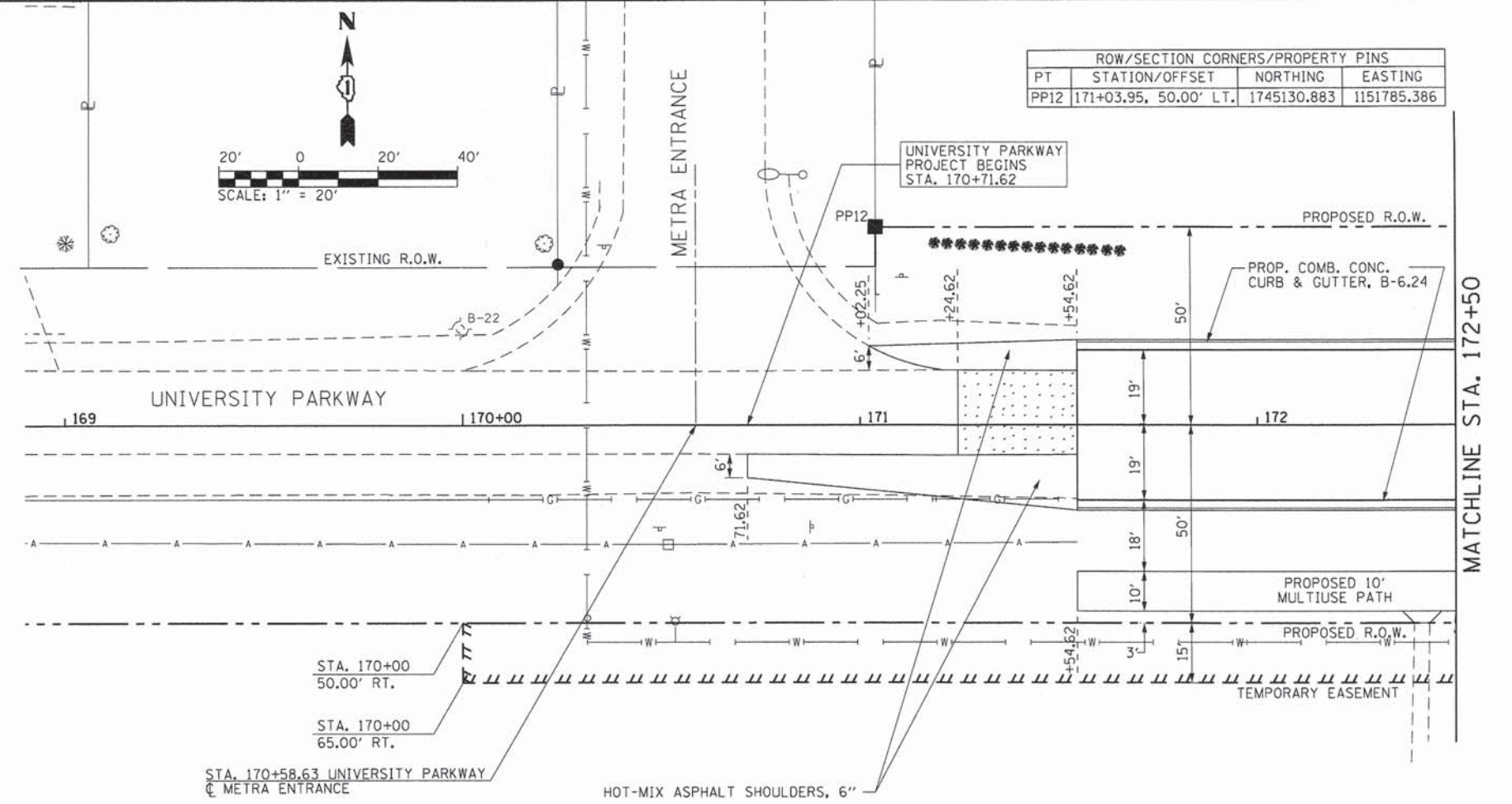
 <small>License No. 184-000613 Copyright © 2013</small>	USER NAME = Kristin Timmons FILE NAME = rem_crow_2new.dgn PLOT SCALE = 20.0000' / 1"	DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 1/16/2015	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS</b> <b>CRAWFORD AVENUE</b>	F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 33
	PLOT DATE = 2/2/2015 9:31:33 AM	DATE - 1/16/2015	SCALE: 1"=20'			SHEET 6 OF 6 SHEETS	STA. 402+00 TO STA. 404+05.28	CONTRACT NO. 61A75 <small>ILLINOIS FED. AID PROJECT</small>		

PLAN	SURVEYED	DATE
	ALIGNED	
	NOTE BOOK	
	NO. OF WAY CHECKED	
	NO. OF FIELD MARKS	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	NOTE BOOK	
	NO. OF NOTATIONS	
	NO. OF STRUCTURE NOTATIONS	

### LEGEND

- PROPOSED HOT-MIX SURFACE AND LEVELING BINDER
- PROPOSED HOT-MIX ASPHALT PAVEMENT WIDENING
- PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT AND DRIVEWAYS
- DEPRESSED CURB AND GUTTER
- PROPOSED R.O.W.
- EXISTING R.O.W.
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- R.O.W. MARKER
- PROPERTY PIN
- P.E. PRIVATE ENTRANCE
- C.E. COMMERCIAL ENTRANCE
- F.E. FIELD ENTRANCE

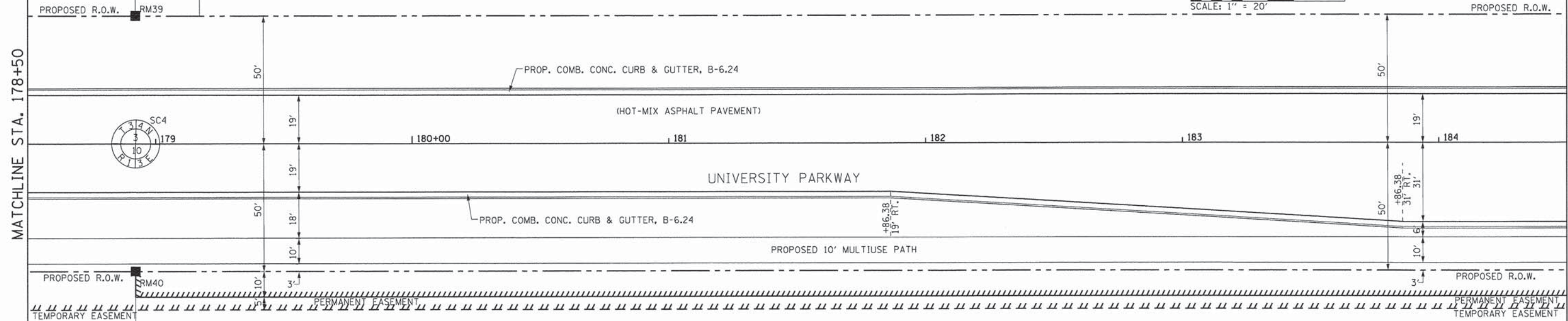
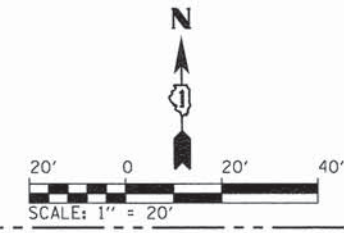


L:\UNIVPARK\14220-01\UnivPkwyEast1Sec\0-r-ow\CADD\_Sheets\pmp\_14.dwg  
1/29/2015



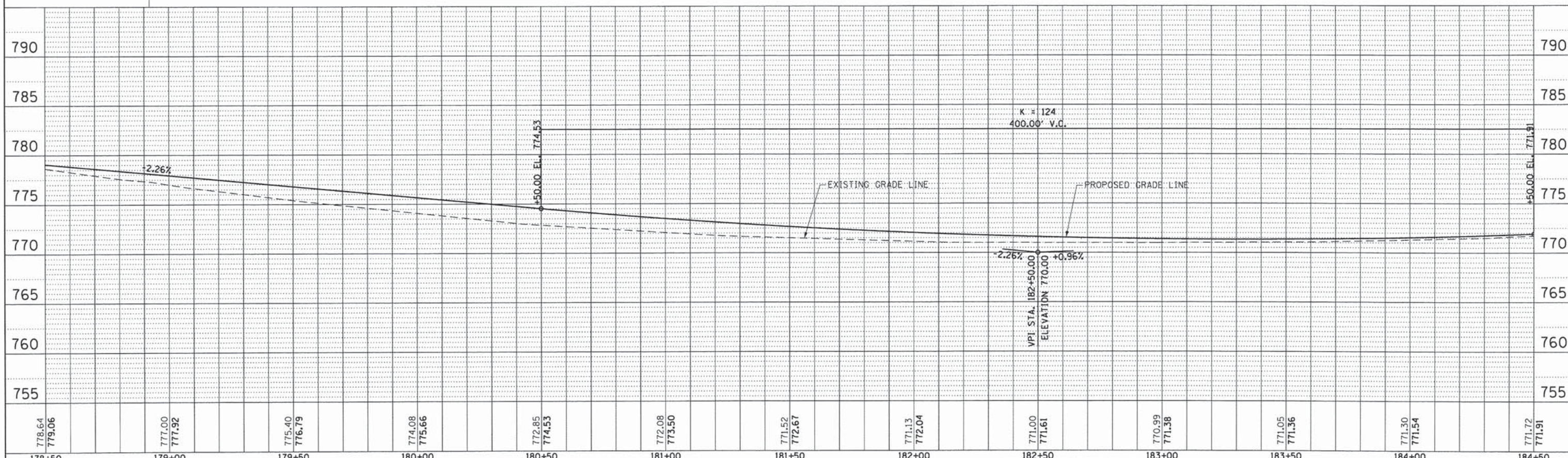
PLAN  
 SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 ALIGNMENT CHECKED BY: \_\_\_\_\_  
 RT. OF WAY CHECKED BY: \_\_\_\_\_  
 PLOTTING FILE NAME: \_\_\_\_\_

PROFILE  
 SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 GRADES CHECKED BY: \_\_\_\_\_  
 B.M. NOTED BY: \_\_\_\_\_  
 STRUCTURE NOTATIONS: \_\_\_\_\_



ROW/SECTION CORNERS/PROPERTY PINS			
PT	STATION/OFFSET	NORTHING	EASTING
SC4	178+92.18, 0.00' C	1745094.775	1152574.379
RM39	178+92.04, 50' LT	1745044.782	1152575.240
RM40	178+92.16, 50' RT	1745094.775	1152574.379

FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 11

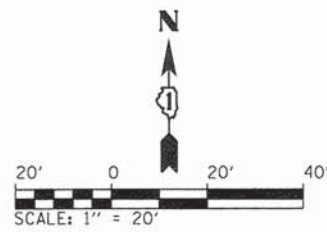


	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE          UNIVERSITY PARKWAY</b>	F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 36
	FILE NAME:	DRAWN - AS	REVISED -			SCALE: 1"=20' SHEET 3 OF 11 SHEETS STA. 178+50 TO STA. 184+50				
PLOT SCALE = 20.0000' / 1" =	CHECKED - KDN	REVISED -	ILLINOIS FED. AID PROJECT							
PLOT DATE = 1/29/2015	DATE - 1/16/2015	REVISED -	CONTRACT NO. 61A75							

PLAN	SURVEYED	DATE
	ALIGNED	
	NOTED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	ALIGNED	
	NOTED	
	FILE NAME	

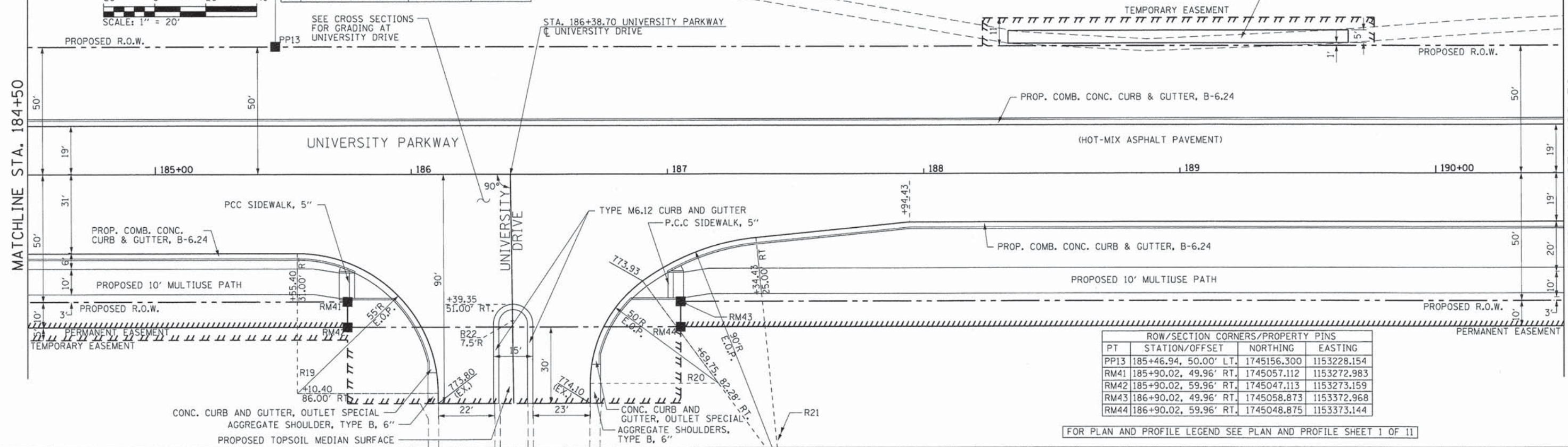
L:\UNIVPARK\1220-01\univpkwy\East\Sec\Draw\CA00.Sheets\pmp\_17.dwg  
1/29/2015



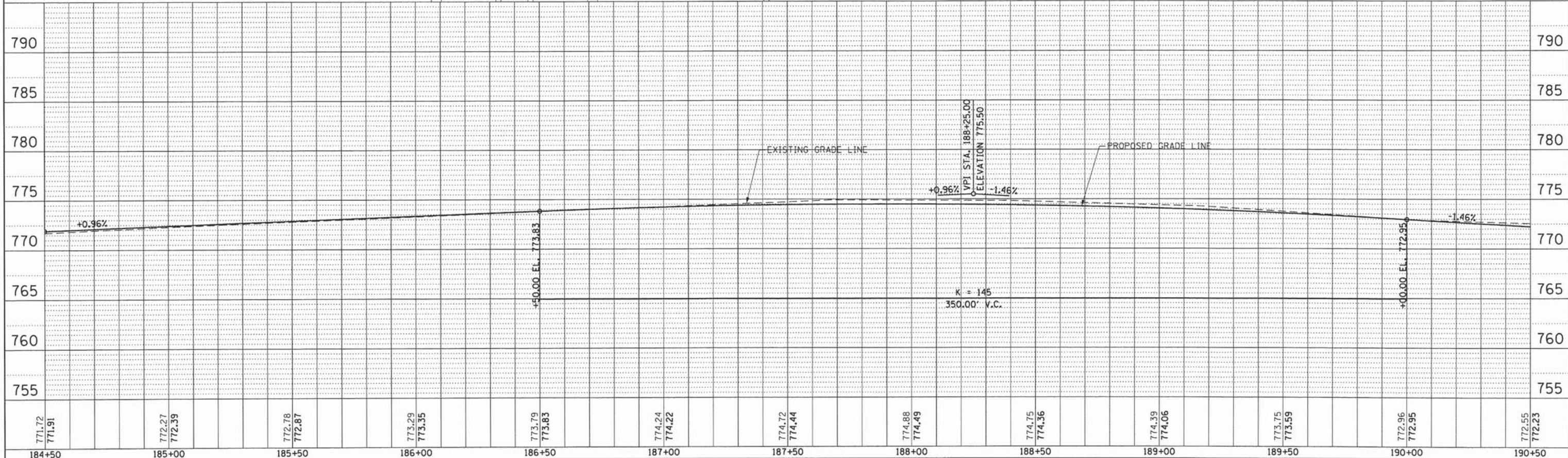
RADIUS POINTS			
PT	STATION/OFFSET	NORTHING	EASTING
R19	185+55.40, 86.00' RT.	1745020.470	1153239.003
R20	187+16.51, 66.00' RT.	1745027.080	1153403.264
R21	187+43.39, 114.55' RT.	1744995.233	1153427.466
R22	186+39.67, 58.66' RT.	1745049.294	1153322.779

MATCHLINE STA. 184+50

MATCHLINE STA. 190+50



ROW/SECTION CORNERS/PROPERTY PINS			
PT	STATION/OFFSET	NORTHING	EASTING
PP13	185+46.94, 50.00' LT.	1745156.300	1153228.154
RM41	185+90.02, 49.96' RT.	1745057.112	1153272.983
RM42	185+90.02, 59.96' RT.	1745047.113	1153273.159
RM43	186+90.02, 49.96' RT.	1745058.873	1153372.968
RM44	186+90.02, 59.96' RT.	1745048.875	1153373.144



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME:	DRAWN - AS	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
UNIVERSITY PARKWAY

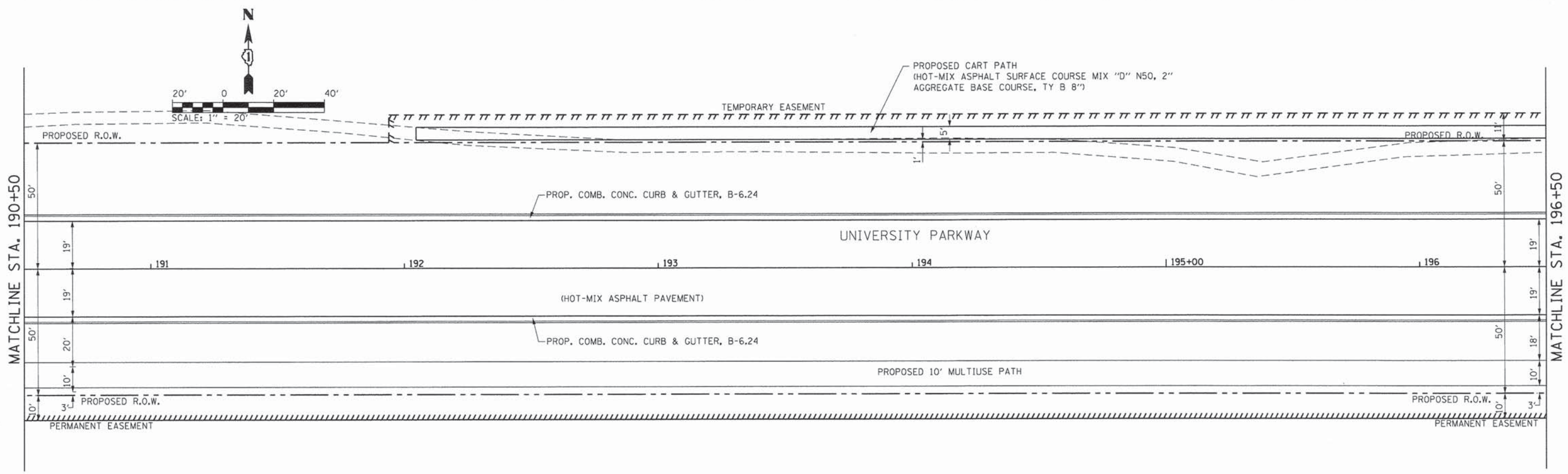
SCALE: 1"=20' SHEET 4 OF 11 SHEETS STA. 184+50 TO STA. 190+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	37
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

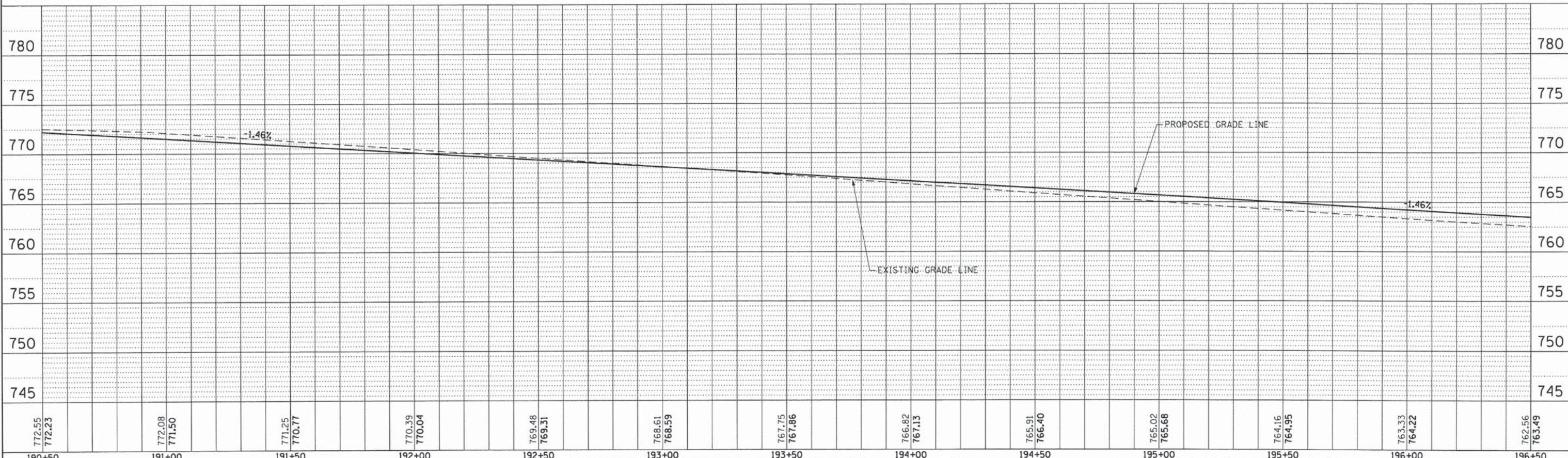
PLAN	REVISIONS	DATE
NO. 1	BY	
NO. 2	DATE	
NO. 3	BY	
NO. 4	DATE	
NO. 5	BY	
NO. 6	DATE	
NO. 7	BY	
NO. 8	DATE	
NO. 9	BY	
NO. 10	DATE	

PROFILE	REVISIONS	DATE
NO. 1	BY	
NO. 2	DATE	
NO. 3	BY	
NO. 4	DATE	
NO. 5	BY	
NO. 6	DATE	
NO. 7	BY	
NO. 8	DATE	
NO. 9	BY	
NO. 10	DATE	

L:\UNIVPARK\14220-01\UnivPkwy\EastSec\Draw\CADD\_Sheets\pnp\_ib.dgn 1/29/2015



FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 11



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME:	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
UNIVERSITY PARKWAY

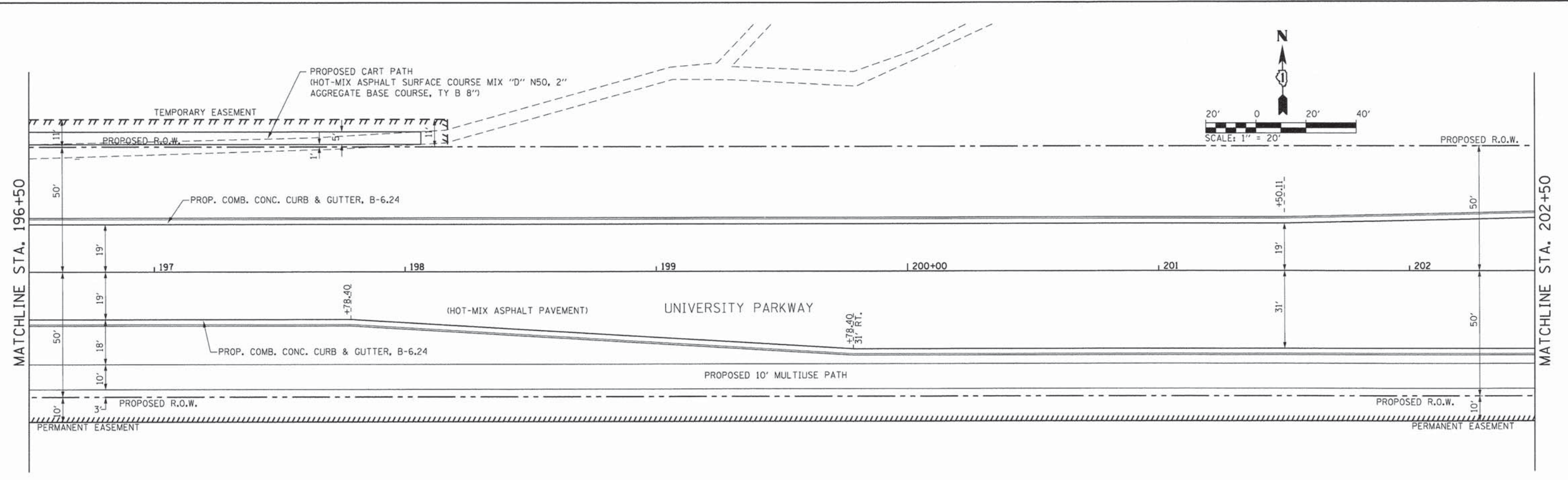
SCALE: 1"=20' SHEET 5 OF 11 SHEETS STA. 190+50 TO STA. 196+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	38
CONTRACT NO. 61A75			ILLINOIS FED. AID PROJECT	

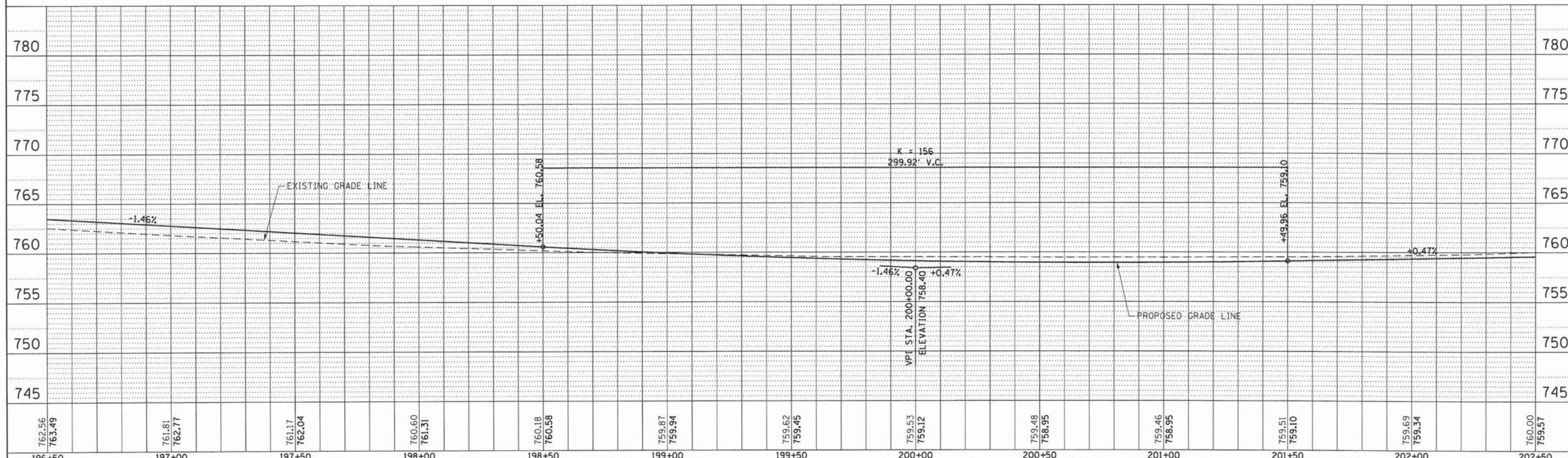
PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	FILED		
	NO.		

L:\UNIVPARK\4220-01\UnivPkwy\East\Sec\Draw\ACADD\_Sheets\pnp\_19.dwg  
1/29/2015



FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 11



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME:	DRAWN - AS	REVISED -
PLOT SCALE = 20,0000 1' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
UNIVERSITY PARKWAY

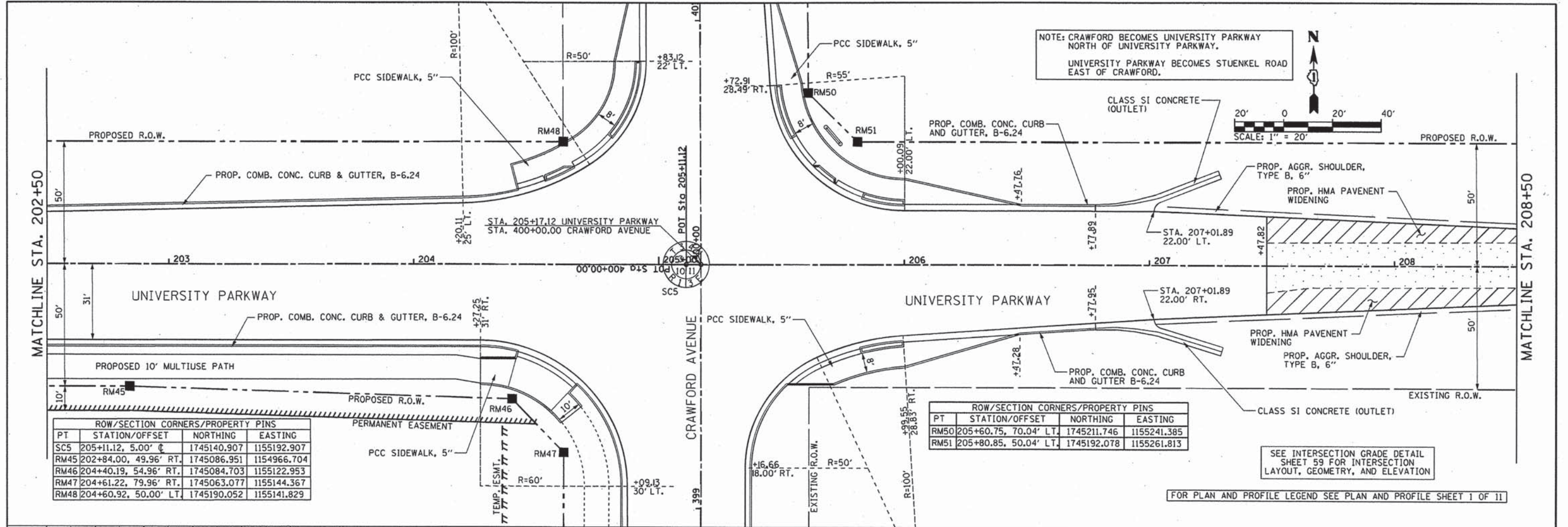
SCALE: 1"=20' SHEET 6 OF 11 SHEETS STA. 196+50 TO STA. 202+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	39
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

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

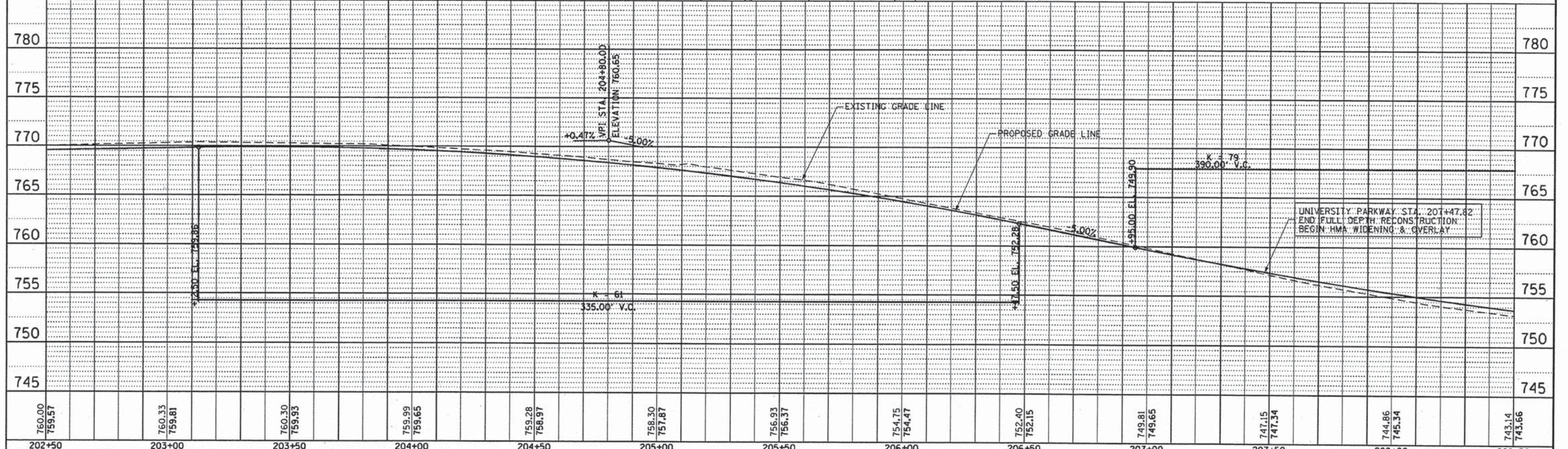
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

L:\UNIVPARK\14220-01\univpkwy\eastSec\01.dwg\CADD\_Sheets\pnp\_201.dwg  
3/26/2015



PT	ROW/SECTION STATION/OFFSET	CORNERS/NORTHING	PROPERTY PINS/EASTING
SC5	205+11.12, 5.00' C	1745140.907	1155192.907
RM45	202+84.00, 49.96' RT.	1745086.951	1154966.704
RM46	204+40.19, 54.96' RT.	1745084.703	1155122.953
RM47	204+61.22, 79.96' RT.	1745063.077	1155144.367
RM48	204+60.92, 50.00' LT.	1745190.052	1155141.829

PT	ROW/SECTION STATION/OFFSET	CORNERS/NORTHING	PROPERTY PINS/EASTING
RM50	205+60.75, 70.04' LT.	1745211.746	1155241.385
RM51	205+80.85, 50.04' LT.	1745192.078	1155261.813



760.00	759.57	760.33	759.81	760.30	759.93	759.99	759.65	759.28	758.97	756.30	757.87	756.93	756.37	754.75	754.47	752.40	752.15	749.81	749.65	747.15	747.34	744.86	745.34	743.14	743.66
202+50	203+00	203+50	204+00	204+50	205+00	205+50	206+00	206+50	207+00	207+50	208+00	208+50													



USER NAME = Kristin Timmons  
 FILE NAME:  
 PLOT SCALE = 28.0000' / in.  
 PLOT DATE = 3/26/2015

DESIGNED - AS  
 DRAWN - AS  
 CHECKED - KDN  
 DATE - 1/16/2015

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
 UNIVERSITY PARKWAY

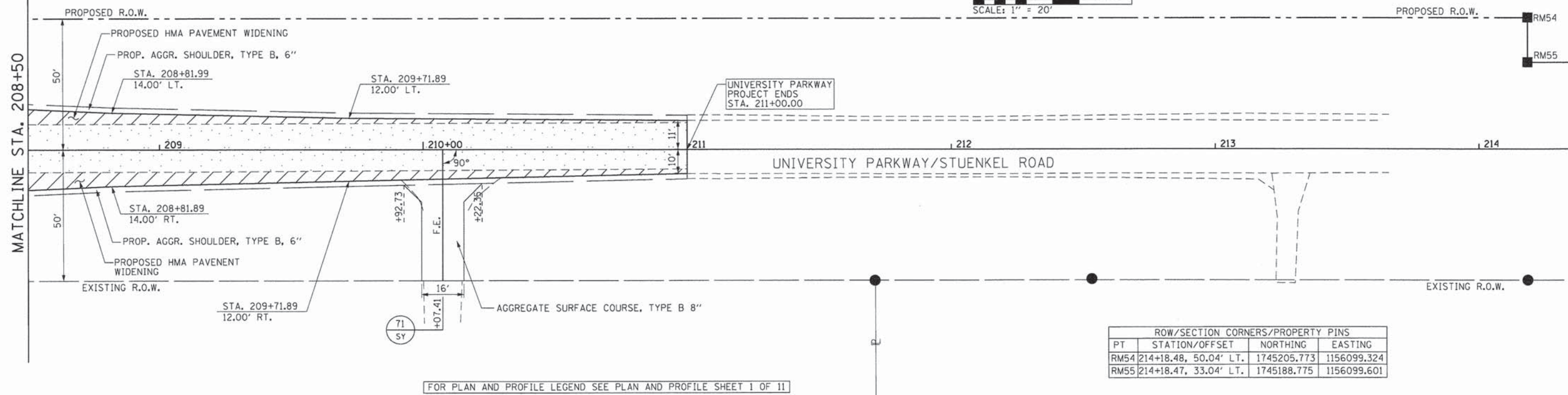
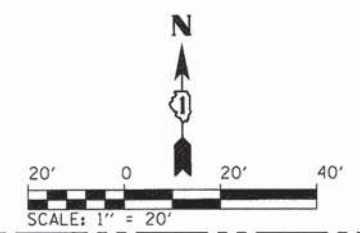
SCALE: 1"=20' SHEET 7 OF 11 SHEETS STA. 202+50 TO STA. 208+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	40
CONTRACT NO. 61A75			ILLINOIS FED. AID PROJECT	



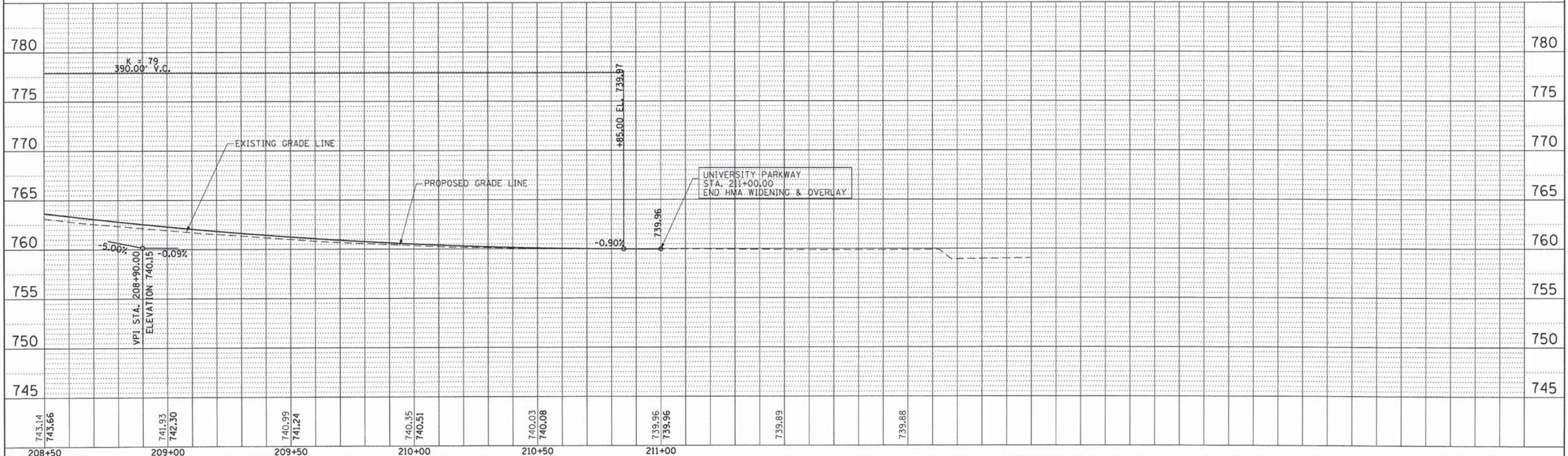
PLAN	REVISION	DATE
NO.	NO.	
BY	DATE	
NOTED	CHECKED	
ALIGNED	CHECKED	
AS BUILT	CHECKED	
FILE NAME		

PROFILE	REVISION	DATE
NO.	NO.	
BY	DATE	
NOTED	CHECKED	
BLM	NOTED	
STRUCTURE	NOTED	
NOTES	CHECKED	
CHNO		



ROW/SECTION CORNERS/PROPERTY PINS			
PT	STATION/OFFSET	NORTHING	EASTING
RM54	214+18.48, 50.04' LT.	1745205.773	1156099.324
RM55	214+18.47, 33.04' LT.	1745188.775	1156099.601

FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 11



743.14	743.66	741.93	742.30	740.99	741.24	740.35	740.51	740.03	740.08	739.96	739.96	739.89	739.88
208+50	209+00	209+50	210+00	210+50	211+00								
USER NAME = Kristin Timmons		DESIGNED - AS	REVISION -										
FILE NAME:		DRAWN - AS	REVISION -										
PLOT SCALE = 20.0000' / 1/4"		CHECKED - KDN	REVISION -										
PLOT DATE = 1/29/2015		DATE - 1/16/2015	REVISION -										

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

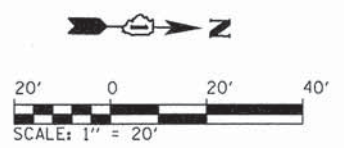
PLAN AND PROFILE  
UNIVERSITY PARKWAY

SCALE: 1"=20' SHEET 8 OF 11 SHEETS STA. 208+50 TO STA. 211+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	41
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

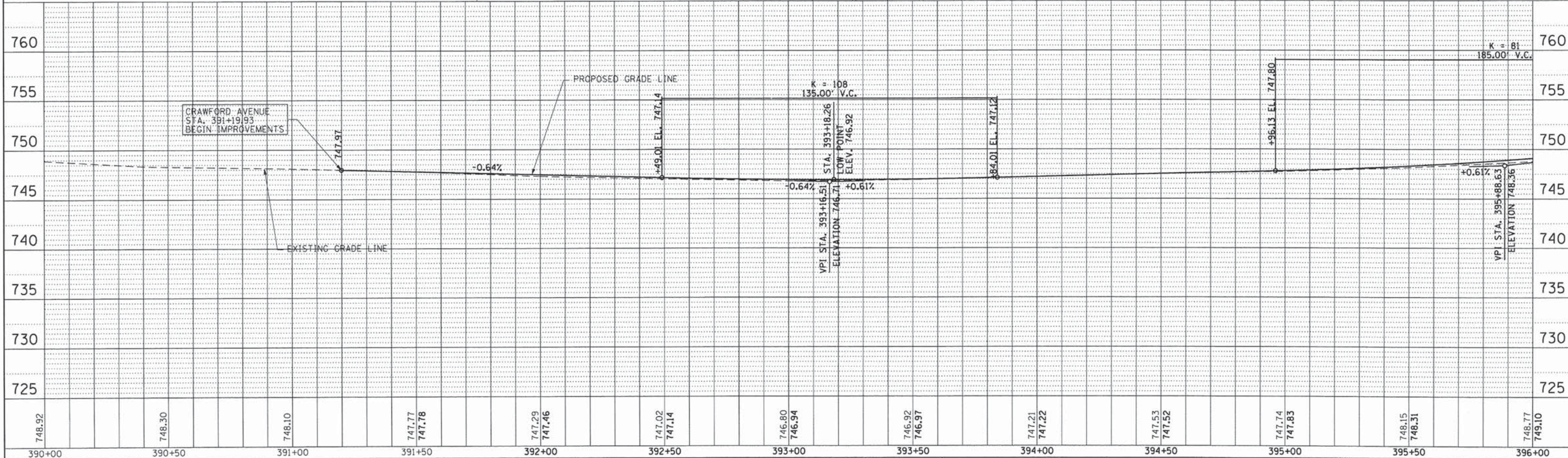
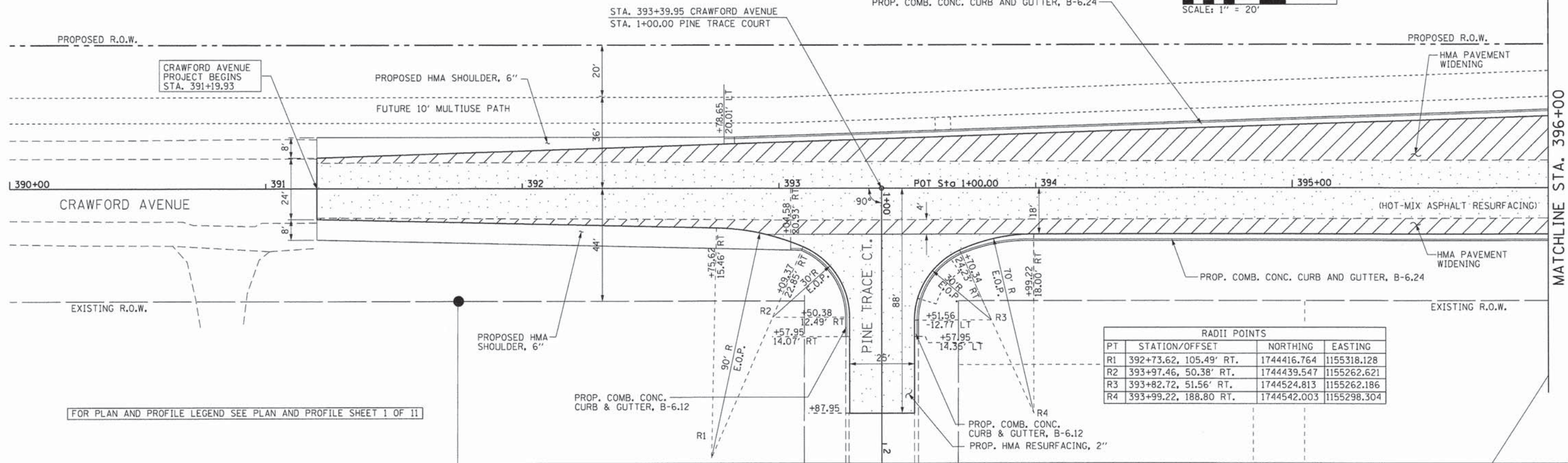
L:\UNIVPARK\14220-01\UnivPkwyEast5sec\Draw\CADD\_Sheets\pmp\_21.dwg  
1/29/2015





PLAN	NO. _____	DATE _____
BY	_____	_____
DATE	_____	_____
NO.	_____	_____
FILE NAME	_____	_____
NO.	_____	_____
FILE NAME	_____	_____

PROFILE	NO. _____	DATE _____
BY	_____	_____
DATE	_____	_____
NO.	_____	_____
FILE NAME	_____	_____
NO.	_____	_____
FILE NAME	_____	_____



USER NAME =	Kristin Timmons	DESIGNED -	AS	REVISED -	-
FILE NAME =		DRAWN -	AS	REVISED -	-
PLOT SCALE =	20.0000' / 1"	CHECKED -	KDN	REVISED -	-
PLOT DATE =	1/29/2015	DATE -	1/16/2015	REVISED -	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
CRAWFORD AVENUE

SCALE: 1"=20' SHEET 9 OF 11 SHEETS STA. 392+00 TO STA. 396+00

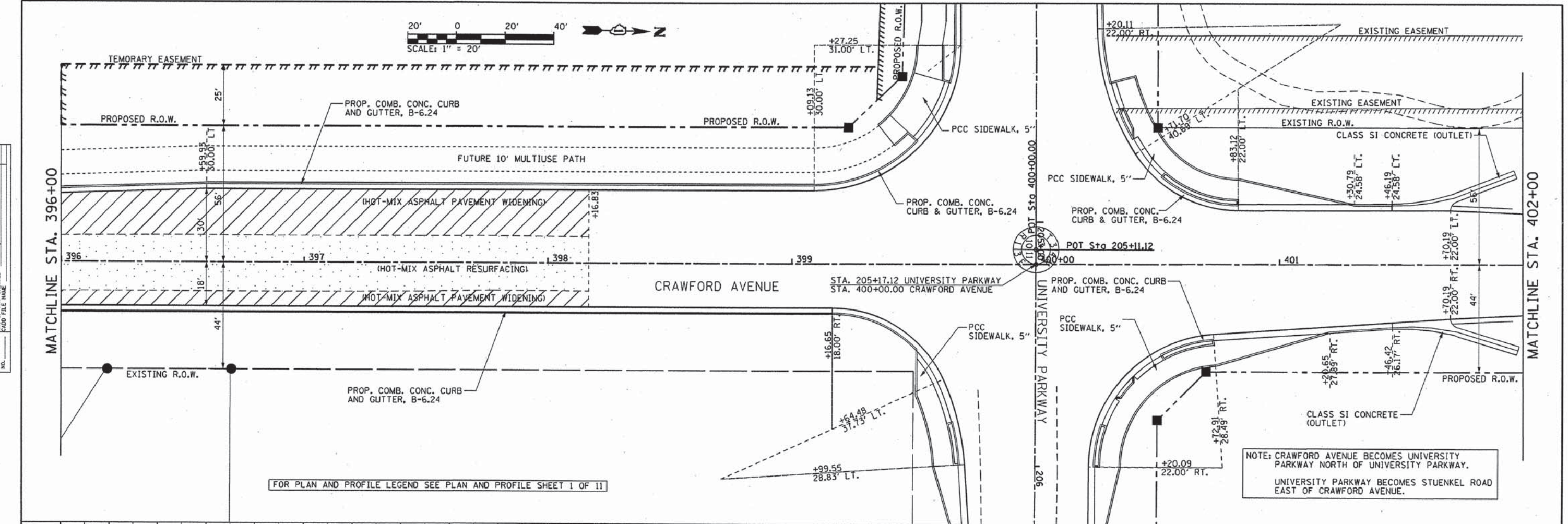
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	42
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				

L:\UNIVPARK\1220-01\UnivPkwyEast\Sec\Draw\XCADD\_Sheets\pnp-cr\Draw\1220-01-01.dwg  
1/29/2015



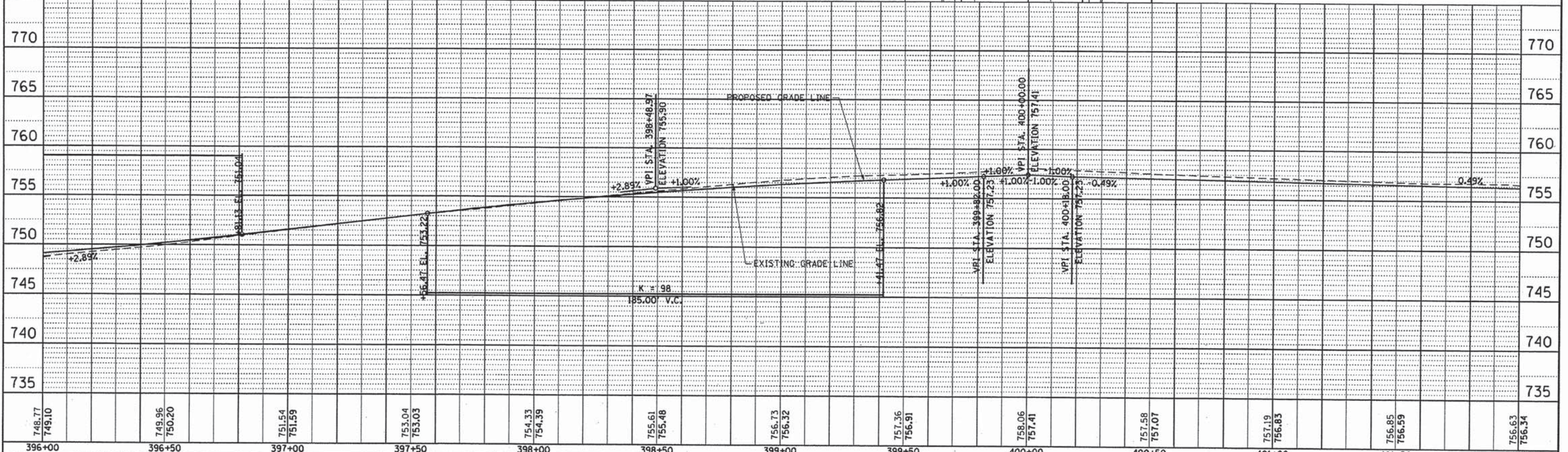
PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	ADD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	BY	
	NO. NOTED	
	NUMBERS NOTED	
	BY	



FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 11

NOTE: CRAWFORD AVENUE BECOMES UNIVERSITY PARKWAY NORTH OF UNIVERSITY PARKWAY.  
UNIVERSITY PARKWAY BECOMES STUENKEL ROAD EAST OF CRAWFORD AVENUE.



748.77	749.10	749.96	750.20	751.54	751.59	753.04	753.03	754.33	754.39	755.61	755.48	756.73	756.32	757.36	756.91	758.06	757.41	757.58	757.07	757.19	756.83	756.85	756.59	756.63	756.34	
396+00	396+50	397+00	397+50	398+00	398+50	399+00	399+50	400+00	400+50	401+00	401+50	402+00														



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 3/27/2015	DATE - 1/16/2015	REVISED -

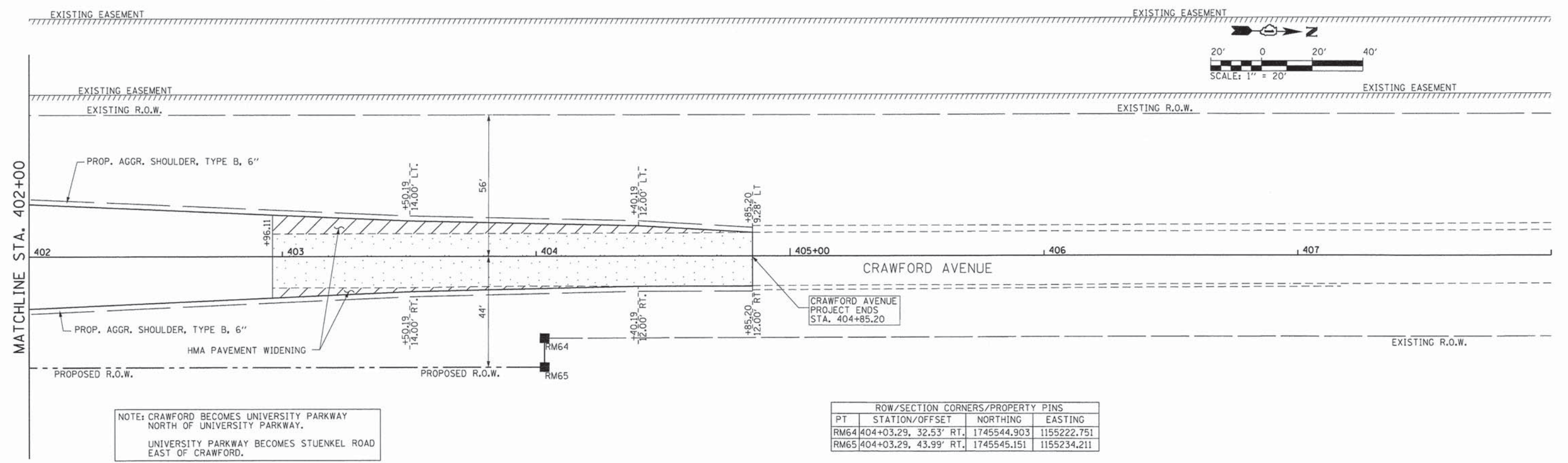
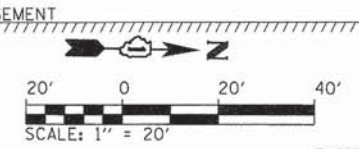
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
CRAWFORD AVENUE  
SCALE: 1"=20'  
SHEET 10 OF 11 SHEETS  
STA. 396+00 TO STA. 402+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	43
CONTRACT NO. 61A75			ILLINOIS FED. AID PROJECT	

L:\UNIVPARK\4220-01\univpkwyEastSec\Draw\CAAD\_Sheets\pnp\_crawford\272015.dwg

PLAN	SURVEYED	DATE
	ALIGNED	
	NOTED	
	RT. OF WAY CHECKED	
	FILE NAME	

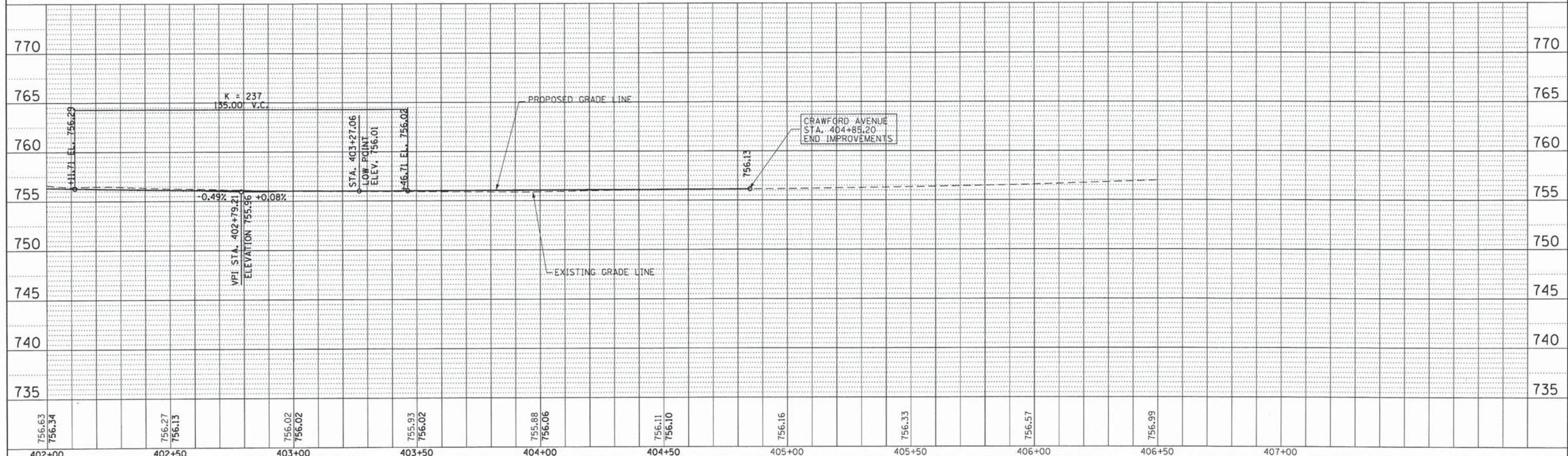


NOTE: CRAWFORD BECOMES UNIVERSITY PARKWAY NORTH OF UNIVERSITY PARKWAY.  
UNIVERSITY PARKWAY BECOMES STUENKEL ROAD EAST OF CRAWFORD.

ROW/SECTION CORNERS/PROPERTY PINS			
PT	STATION/OFFSET	NORTHING	EASTING
RM64	404+03.29, 32.53' RT.	1745544.903	1155222.751
RM65	404+03.29, 43.99' RT.	1745545.151	1155234.211

FOR PLAN AND PROFILE LEGEND SEE PLAN AND PROFILE SHEET 1 OF 11

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NOTED	
	STRUCTURE	
	NOTATIONS	
	CHKD	



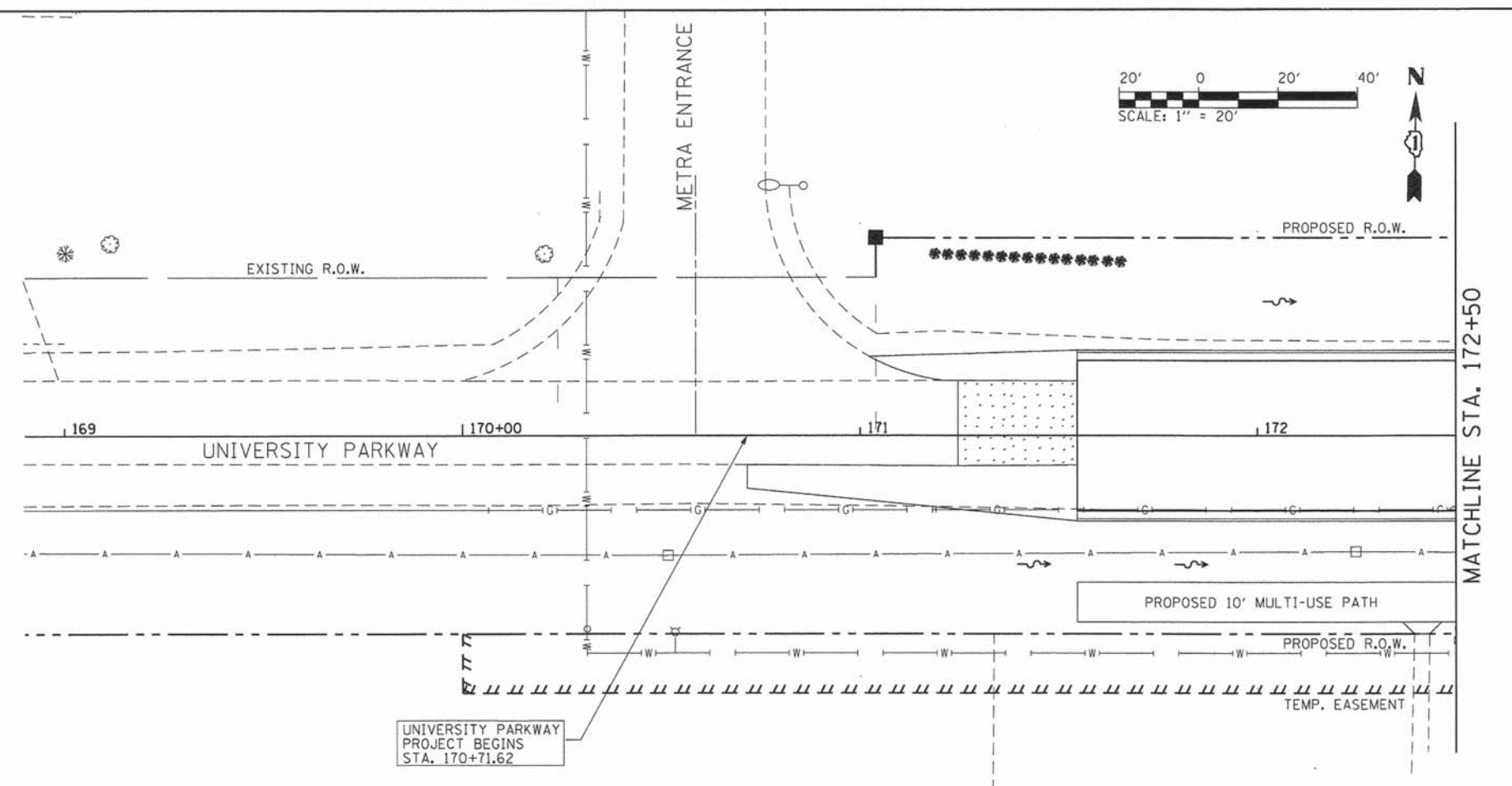
756.63 756.34	756.27 756.13	756.02 756.02	755.93 756.02	755.88 756.06	756.11 756.10	756.16	756.33	756.57	756.99														
402+00	402+50	403+00	403+50	404+00	404+50	405+00	405+50	406+00	406+50	407+00													
USER NAME = Kristin Timmons FILE NAME: PLOT SCALE = 20.0000' / in. PLOT DATE = 1/29/2015											DESIGNED - AS	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAN AND PROFILE CRAWFORD AVENUE		F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 44	CONTRACT NO. 61A75	
LICENSE NO. 184-000613 CMT											DRAWN - AS	REVISD -	SCALE: 1"=20'		SHEET 11 OF 11 SHEETS STA. 402+00 TO STA. 404+05.28		ILLINOIS FED. AID PROJECT						

DATE	
BY	
REVIEWED	
ALIGNED	
CHECKED	
FILE NO.	
FILE NAME	

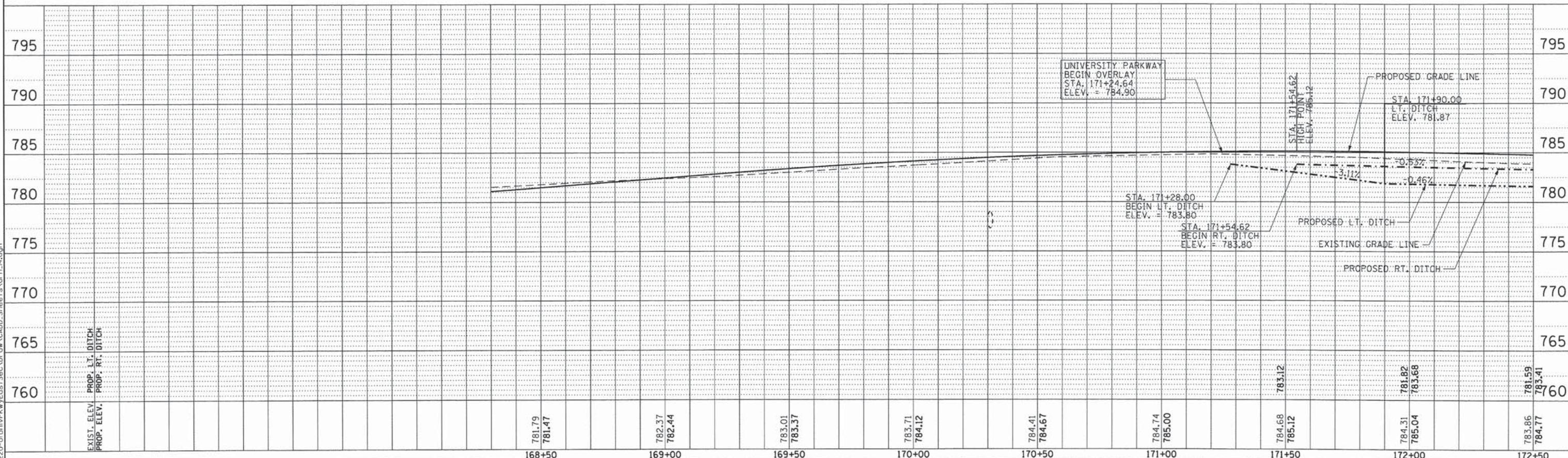
DATE	
BY	
REVIEWED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
FILE NO.	
FILE NAME	

**LEGEND**

- PROPOSED HOT-MIX ASPHALT SURFACE AND LEVELING BINDER
- PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT AND DRIVEWAYS,
- PROPOSED RIPRAP
- PROPOSED R.O.W.
- EXISTING R.O.W.
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN 4" (SPECIAL)
- EXISTING STORM SEWER
- EXISTING WATERMAIN
- EXISTING GAS
- EXISTING TELEPHONE
- EXISTING SANITARY
- EXISTING OVERHEAD ELECTRIC
- PROPOSED CASING PIPE
- PROPOSED MANHOLE
- PROPOSED INLET
- PROPOSED HEADWALL
- PROPOSED FIRE HYDRANT
- PROPOSED F.E.S.
- EXISTING MANHOLE
- EXISTING INLETS
- EXISTING FIREHYDRANT

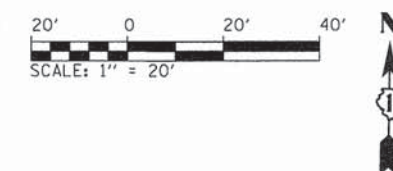


FOR DRAINAGE AND UTILITIES LEGEND SEE DRAINAGE AND UTILITIES SHEET 1 OF 11



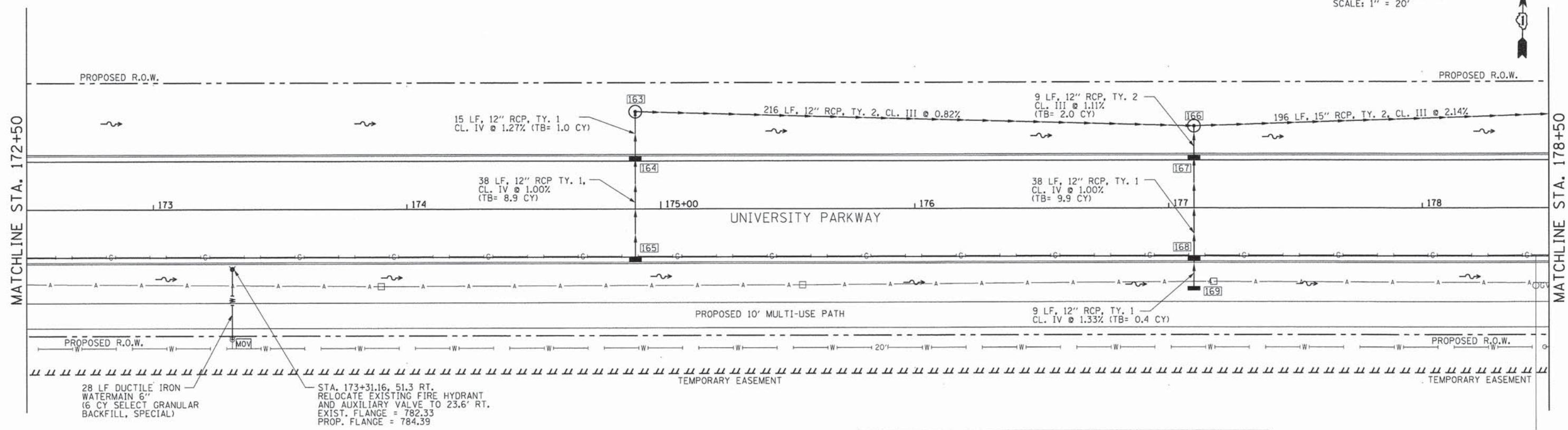
	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES</b> <b>UNIVERSITY PARKWAY</b>		F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 45
	FILE NAME:	DRAWN - AS	REVISED -		SCALE: 1"=20'	SHEET 1 OF 11 SHEETS	STA. 166+50 TO STA. 172+50	CONTRACT NO. 61A75		ILLINOIS FED. AID PROJECT	
	PLOT SCALE = 20.0000' / in.	CHECKED - KDN	REVISED -								
	PLOT DATE = 1/29/2015	DATE - 1/16/2015	REVISED -								

1/29/2015 L:\UNIVPARK\4220-01\UnivPkw\EastSec\Draw\CADD\_Sheets\drn\_14.dgn

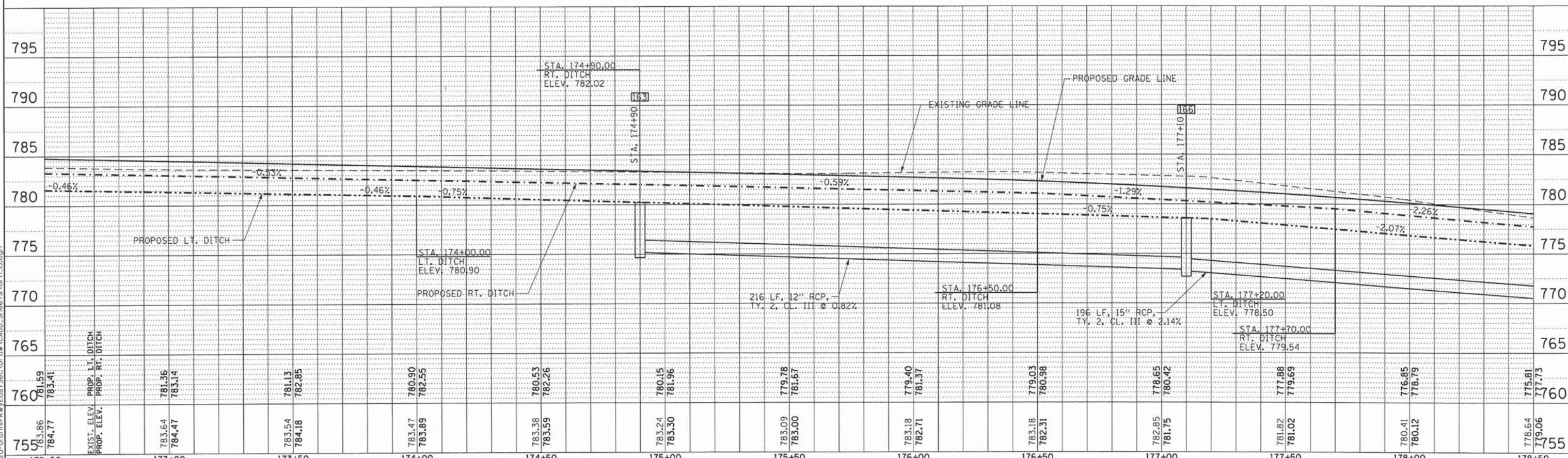


PLAN	NO.
DATE	
BY	
CHECKED	
APPROVED	

PROFILE	NO.
DATE	
BY	
CHECKED	
APPROVED	

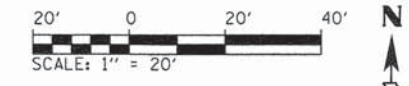


FOR DRAINAGE AND UTILITIES LEGEND SEE DRAINAGE AND UTILITIES SHEET 1 OF 11



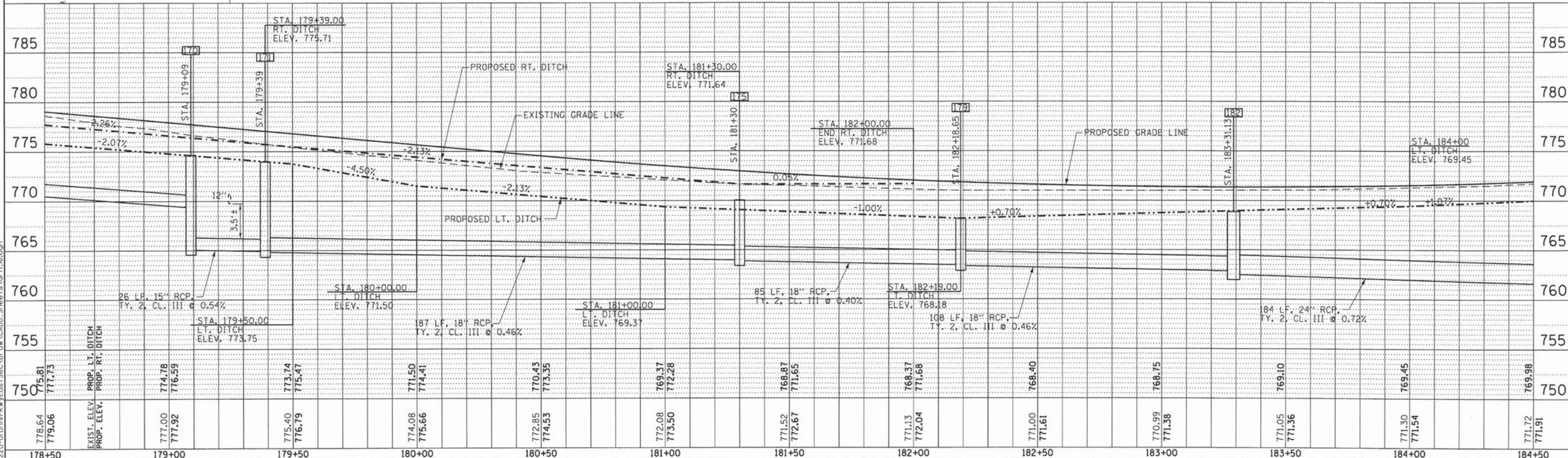
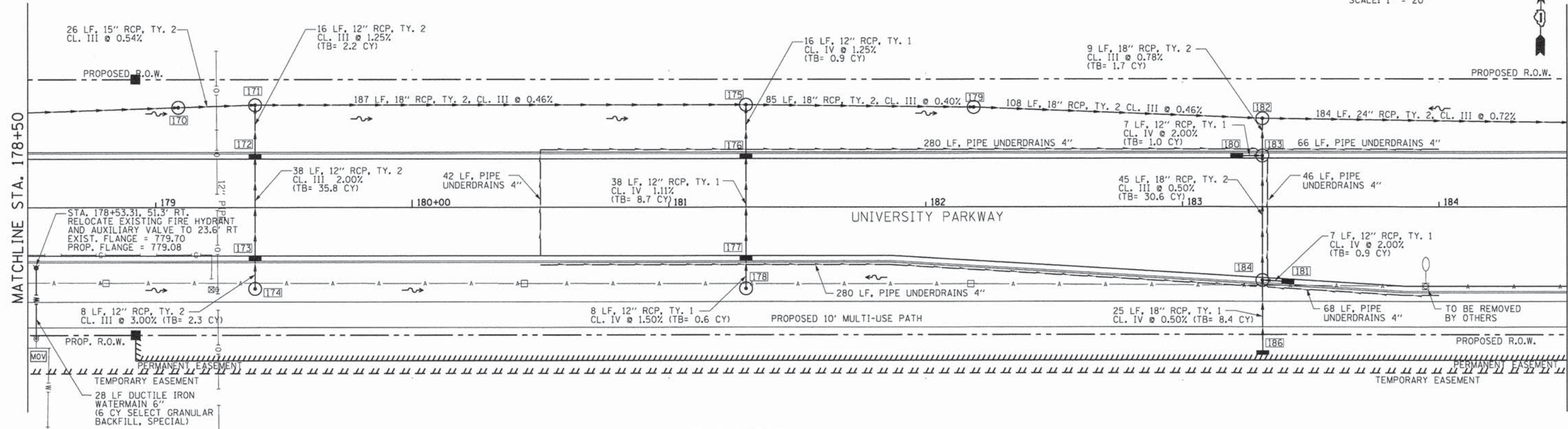
	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES</b> <b>UNIVERSITY PARKWAY</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME:	DRAWN - AS	REVISED -			1637	96-00014-01-PV	WILL	119	46
	PLOT SCALE = 20.0000' / 1"	CHECKED - KDN	REVISED -			CONTRACT NO. 61A75				
	PLOT DATE = 1/29/2015	DATE - 1/16/2015	REVISED -			ILLINOIS FED. AID PROJECT				

1/29/2015  
L:\UNIVPARK\4220-01\UnivPkwyEast\Draw\CA00\_Sheet1.dwg

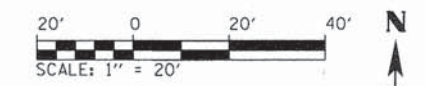


DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
NO.	
DESCRIPTION	
DATE	
BY	
NO.	
DESCRIPTION	

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



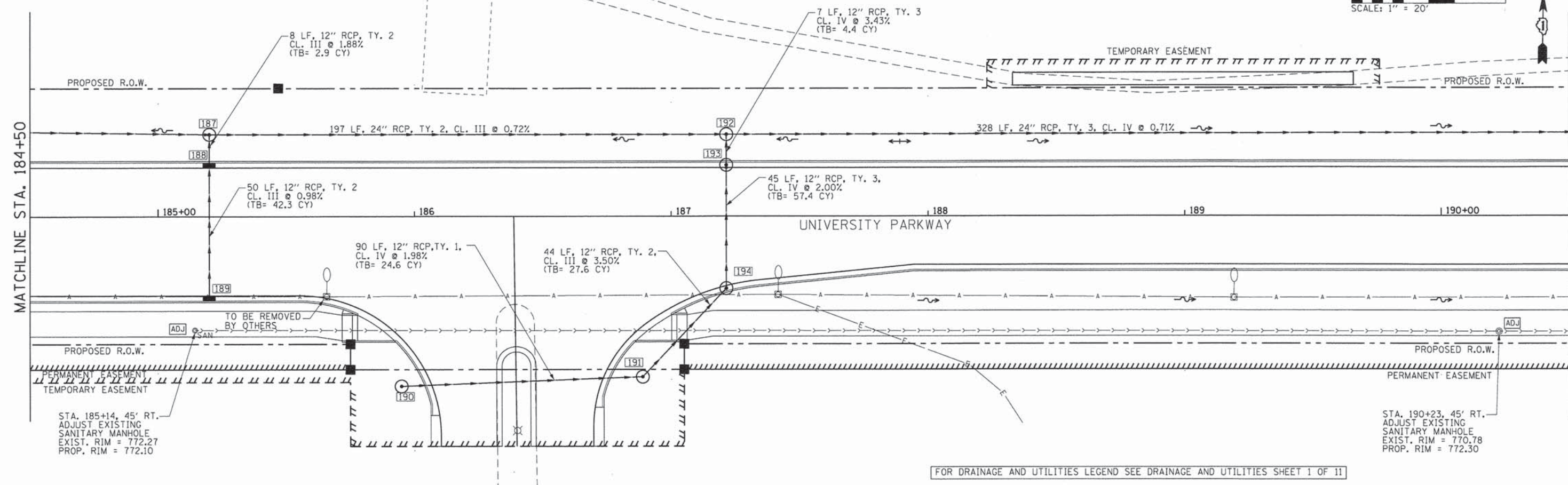
	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES</b> <b>UNIVERSITY PARKWAY</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME:	DRAWN - AS	REVISED -			1637	96-00014-01-PV	WILL	119	47
	PLOT SCALE = 20.0000' / 1" =	CHECKED - KDN	REVISED -	SCALE: 1"=20'		SHEET 3 OF 11 SHEETS		STA. 178+50 TO STA. 184+50		CONTRACT NO. 61A75
	PLOT DATE = 1/29/2015	DATE - 1/16/2015	REVISED -	ILLINOIS FED. AID PROJECT						



DATE	
BY	
SURVEYED	
PLANNED	
NOTED	
NO.	

MATCHLINE STA. 184+50

MATCHLINE STA. 190+50

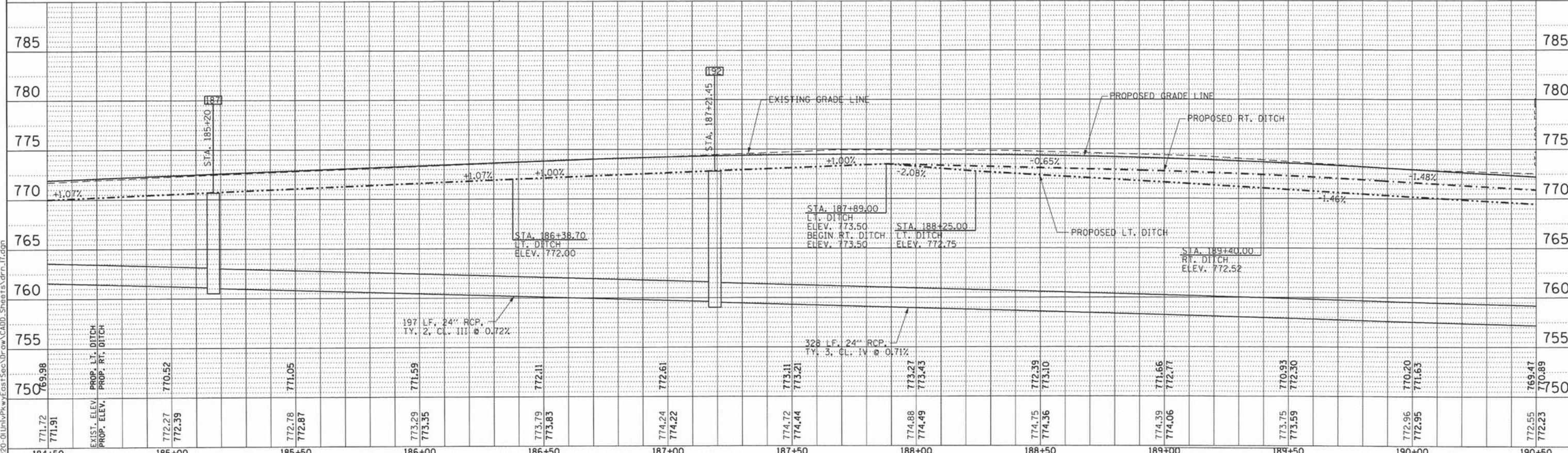


STA. 185+14, 45' RT.  
ADJUST EXISTING  
SANITARY MANHOLE  
EXIST. RIM = 772.27  
PROP. RIM = 772.10

STA. 190+23, 45' RT.  
ADJUST EXISTING  
SANITARY MANHOLE  
EXIST. RIM = 770.78  
PROP. RIM = 772.30

FOR DRAINAGE AND UTILITIES LEGEND SEE DRAINAGE AND UTILITIES SHEET 1 OF 11

DATE	
BY	
SURVEYED	
PLANNED	
NOTED	
NO.	



771.72	771.91	EXIST. ELEV. PROP. LT. DITCH	772.27	772.39	771.05	771.05	773.29	773.35	773.79	773.83	774.24	774.22	774.72	774.44	773.27	774.49	774.75	774.36	774.39	774.06	773.75	773.59	772.96	772.95	772.55	772.23
184+50	185+00		185+50	186+00	186+50	187+00	187+50	188+00	188+50	189+00	189+50	190+00	190+50													



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME:	DRAWN - AS	REVISED -
PLOT SCALE = 20,000 / 1" =	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES  
UNIVERSITY PARKWAY

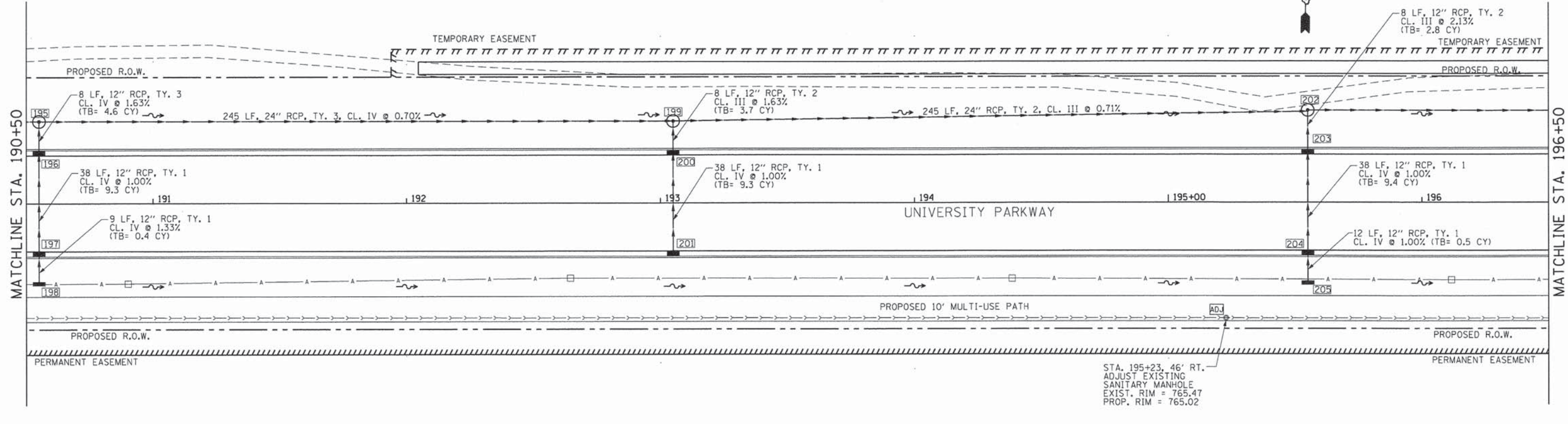
SCALE: 1"=20' SHEET 4 OF 11 SHEETS STA. 184+50 TO STA. 190+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	48
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				



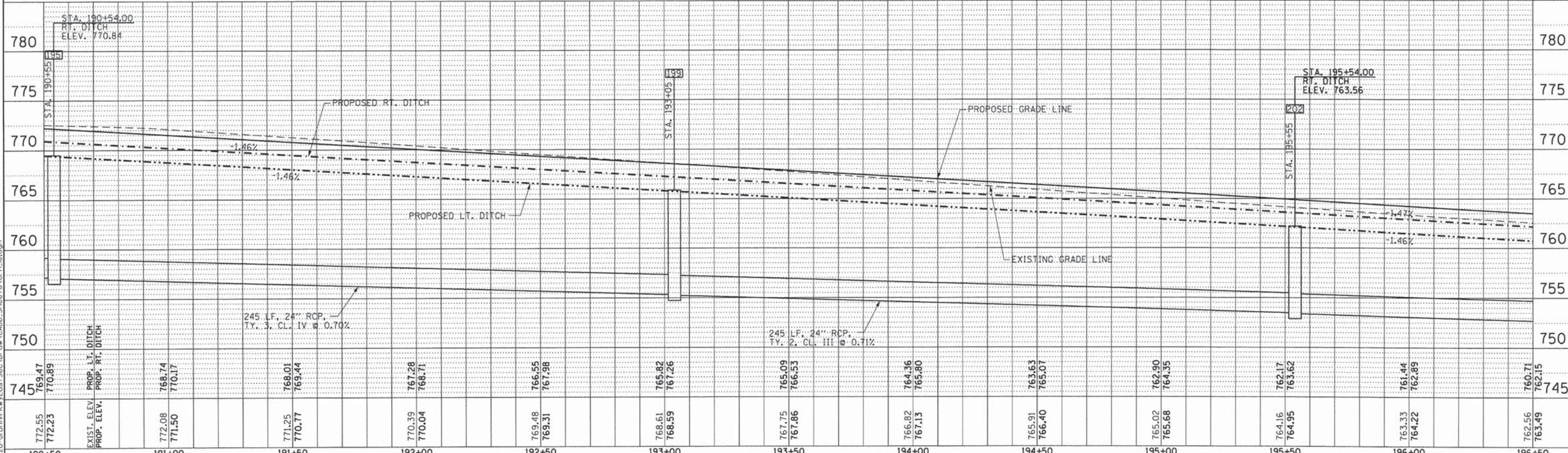


DATE	
BY	
REVISIONS	
NO.	
PLAN	
NO.	
NOTE BOOK	
NO.	
ALIGNED	
CHECKED	
DATE	
FILE NAME	



FOR DRAINAGE AND UTILITIES LEGEND SEE DRAINAGE AND UTILITIES SHEET 1 OF 11

DATE	
BY	
REVISIONS	
NO.	
PROFILE	
NO.	
NOTE BOOK	
NO.	
B.M. NOTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK	
SURVEYED	
PLANNED	



USER NAME =	Kristin Timmons	DESIGNED -	AS	REVISED -	-
FILE NAME:		DRAWN -	AS	REVISED -	-
PLOT SCALE =	20.0000' / 1"	CHECKED -	KDN	REVISED -	-
PLOT DATE =	1/29/2015	DATE -	1/16/2015	REVISED -	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES  
UNIVERSITY PARKWAY

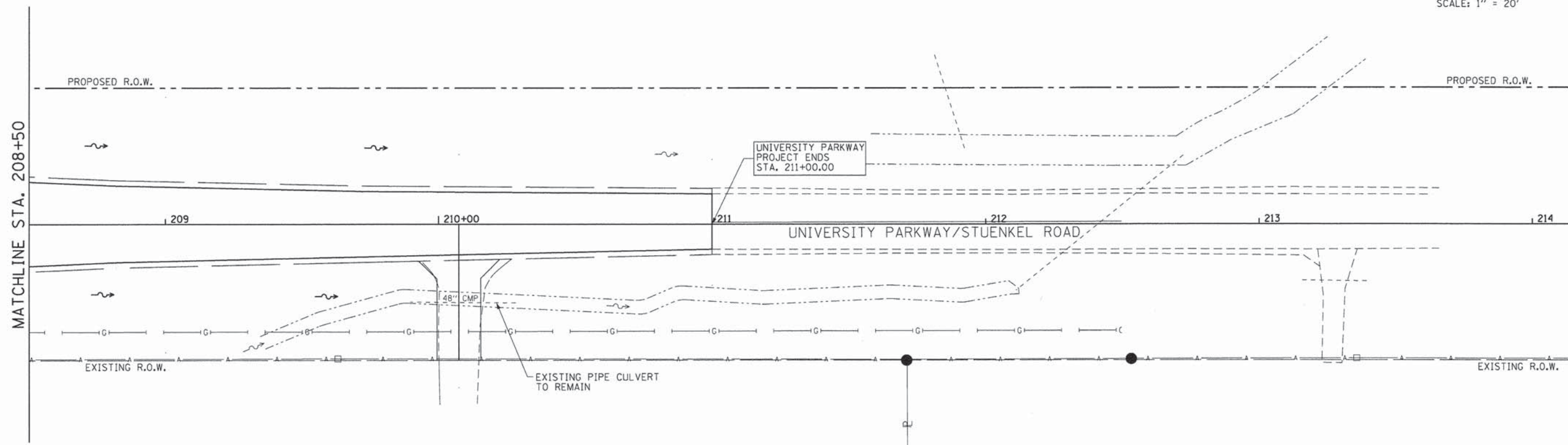
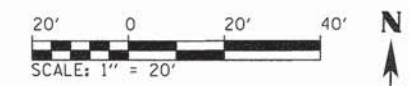
SCALE: 1"=20' SHEET 5 OF 11 SHEETS STA. 190+50 TO STA. 196+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	49
CONTRACT NO. 61A75				ILLINOIS FED. AID PROJECT

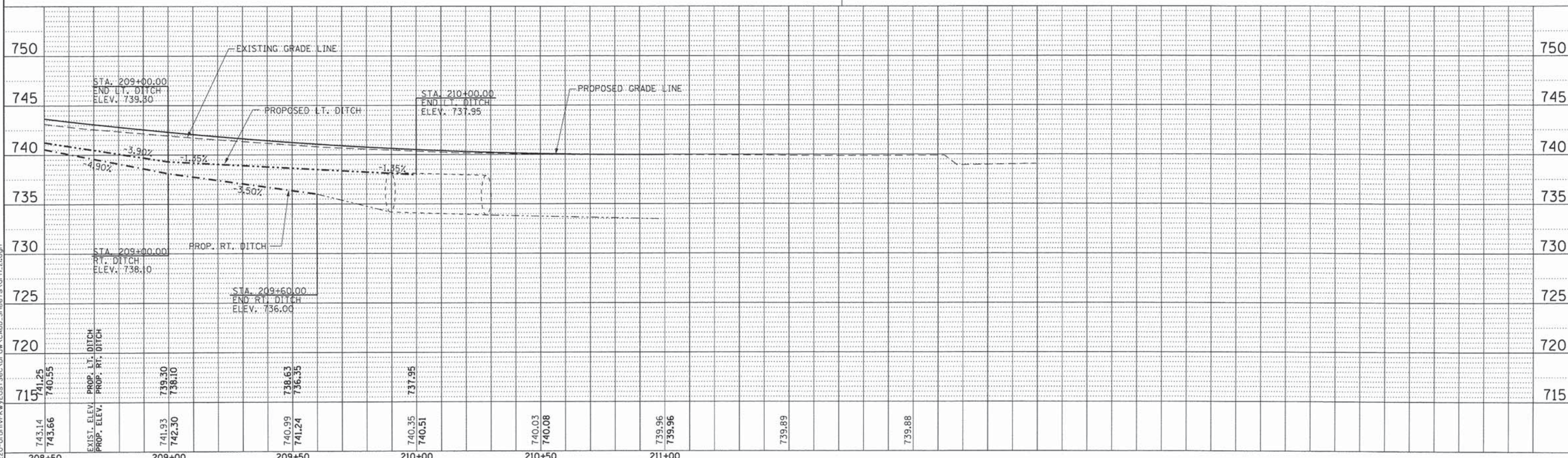
L:\UNIVPARK\14220-01\univpk\w\cst\Sec\Draw\CA00\_Sheet5.drn.lib.dgn







FOR DRAINAGE AND UTILITIES LEGEND SEE DRAINAGE AND UTILITIES SHEET 1 OF 11



DATE	
BY	
REVIEWED	
PLANNED	
ALIGNMENT CHECKED	
NOTE BOOK	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
ALIGNMENT CHECKED	
NOTE BOOK	
NO.	

L:\UNIVPARK\14220-01\UnivPkwy\East\Sec\Draw\CADD\_Sheets\Drawn\_21.dgn



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME:	DRAWN - AS	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES  
UNIVERSITY PARKWAY**

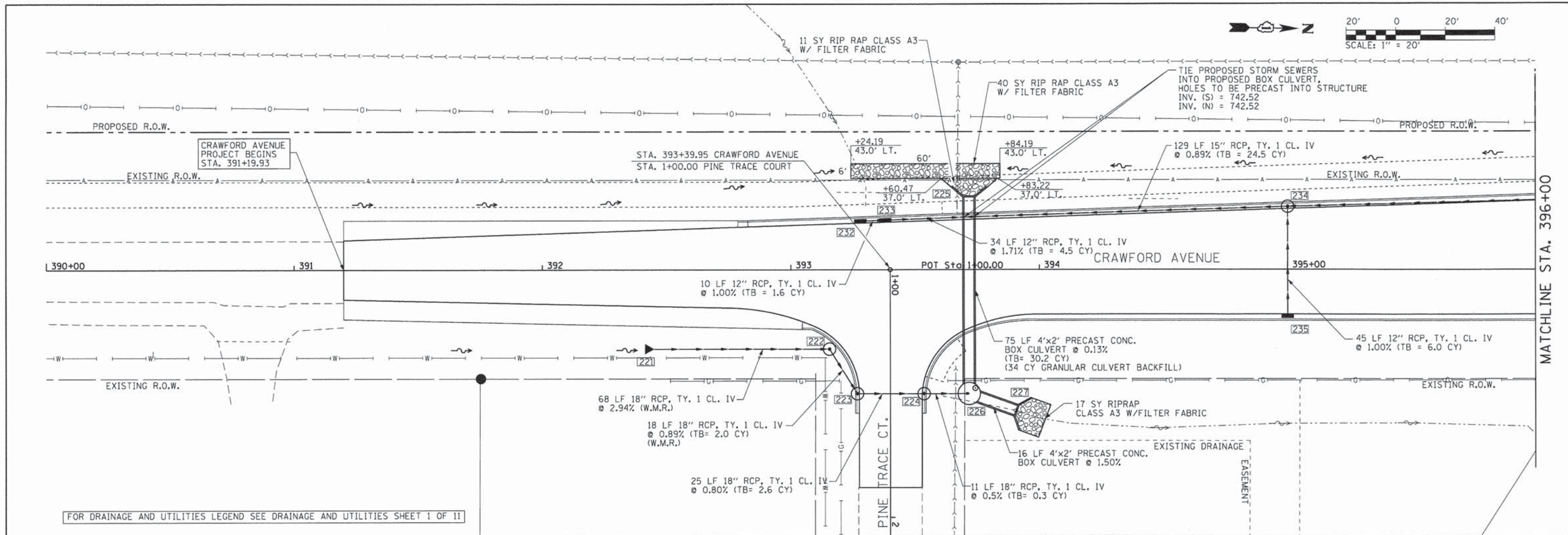
SCALE: 1"=20' SHEET 8 OF 11 SHEETS STA. 208+50 TO STA. 211+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	52
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

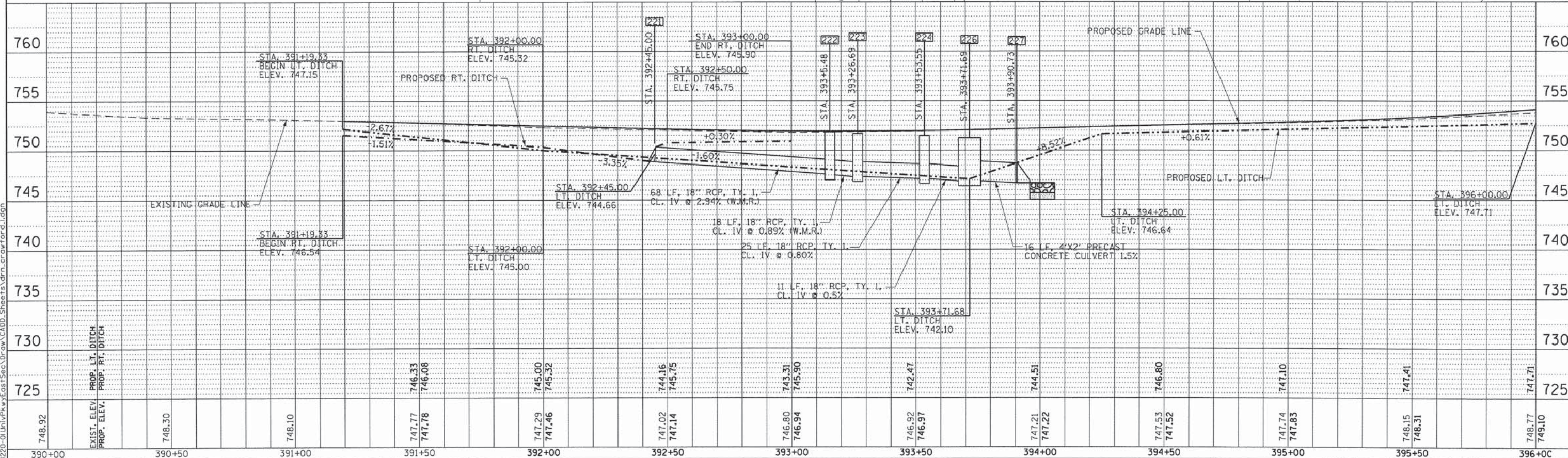


DATE	
BY	
PLANNED	
DESIGNED	
DRAWN	
CHECKED	
NOTED	
NO.	

DATE	
BY	
PLANNED	
DESIGNED	
DRAWN	
CHECKED	
NOTED	
NO.	



FOR DRAINAGE AND UTILITIES LEGEND SEE DRAINAGE AND UTILITIES SHEET 1 OF 11



748.92	EXIST. ELEV. PROP. RT. DITCH	748.30		748.10		747.77	747.78	747.29	747.46	747.02	747.14	746.80	746.94	746.92	746.97	747.21	747.22	747.53	747.52	747.74	747.83	748.15	748.31	748.77	749.10
390+00		390+50		391+00		391+50		392+00		392+50		393+00		393+50		394+00		394+50		395+00		395+50		396+00	



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME:	DRAWN - AS	REVISED -
PLOT SCALE = 20,0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

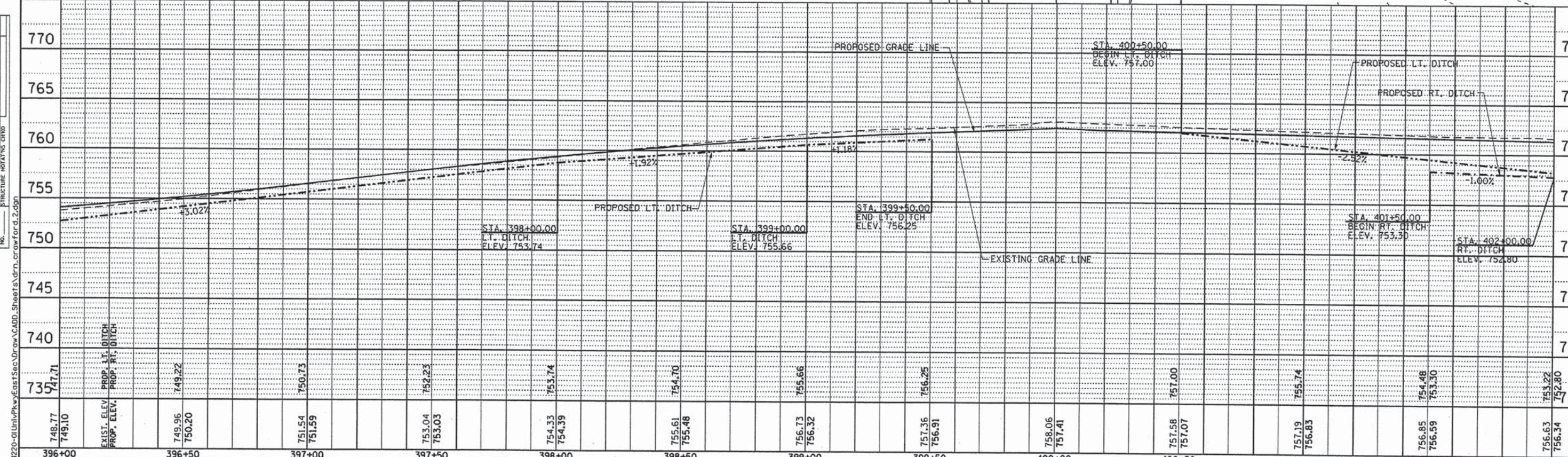
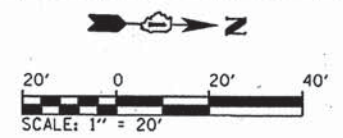
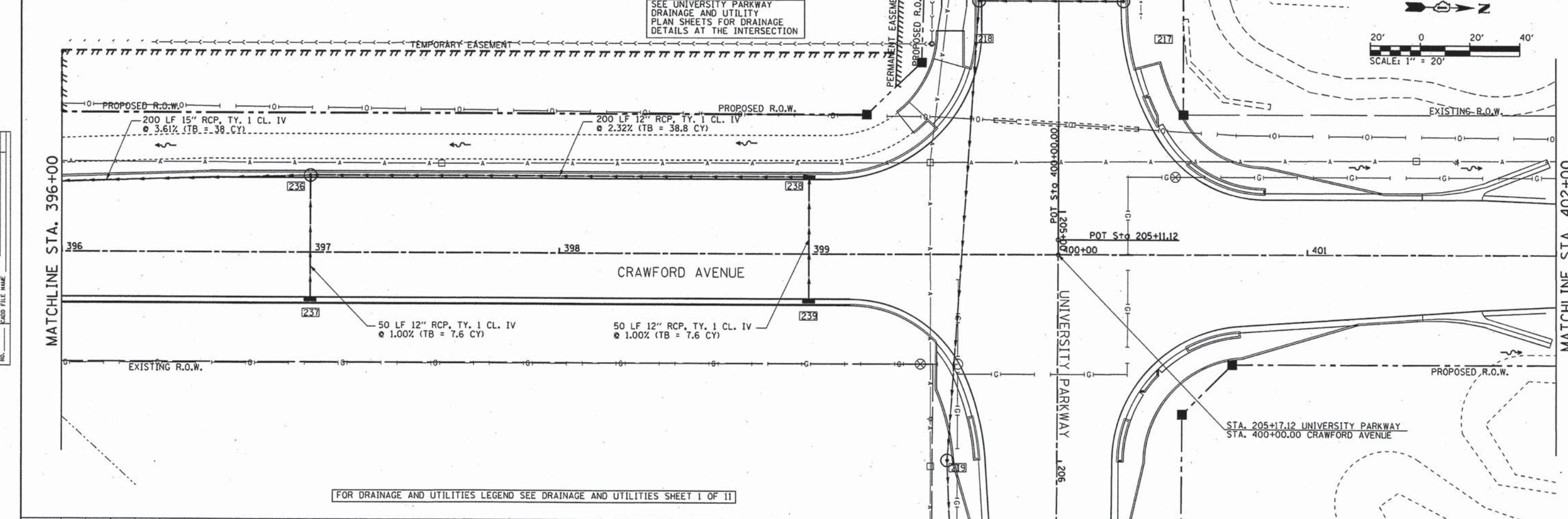
DRAINAGE AND UTILITIES  
CRAWFORD AVENUE

SCALE: 1"=20' SHEET 9 OF 11 SHEETS STA. 392+00 TO STA. 396+00

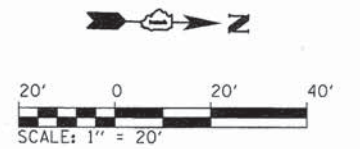
F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 53
CONTRACT NO. 61A75			ILLINOIS FED. AID PROJECT	

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

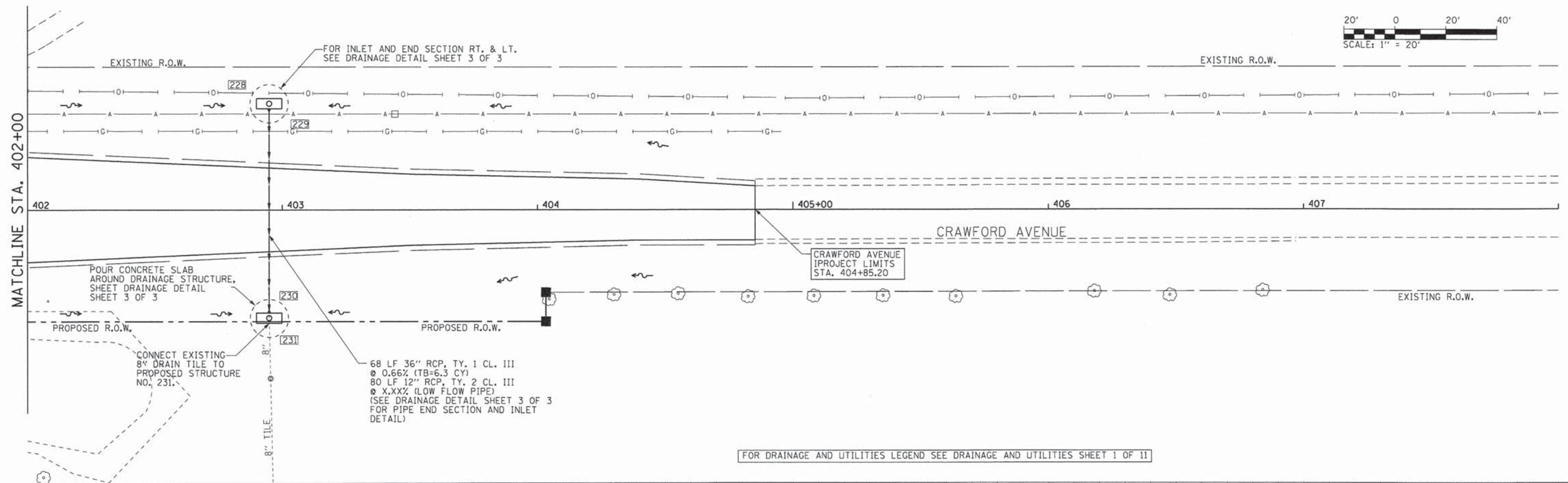
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	



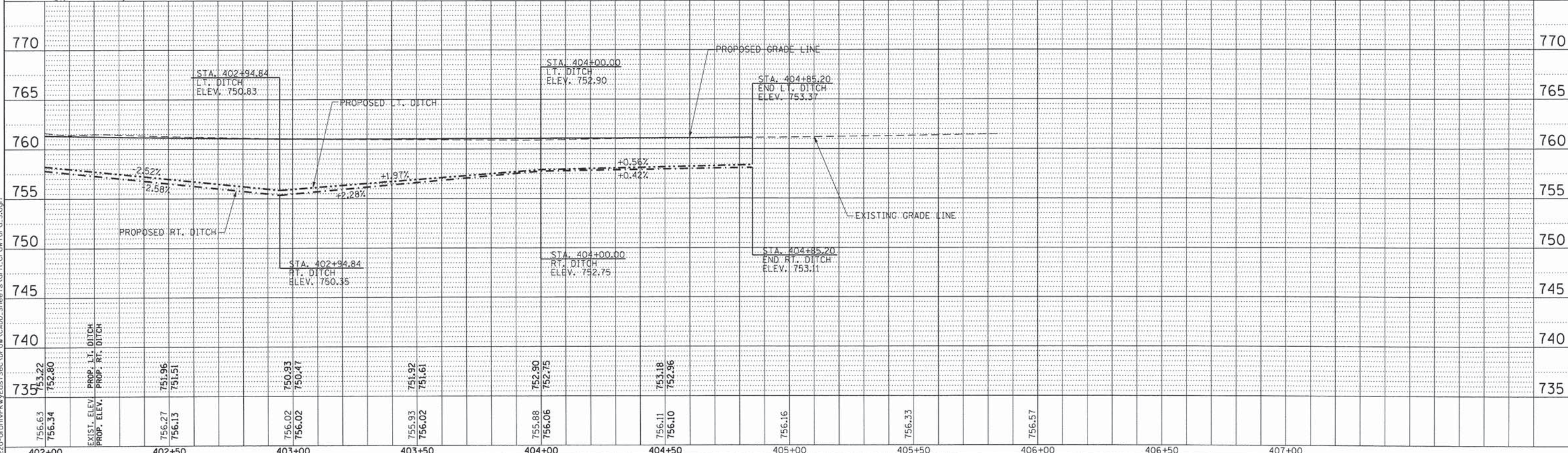
	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES</b> <b>CRAWFORD AVENUE</b>	F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 54
	FILE NAME:	DRAWN - AS	REVISED -			CONTRACT NO. 61A75				
	PLOT SCALE = 28.8000' / in.	CHECKED - KDN	REVISED -			ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/26/2015	DATE - 1/16/2015	REVISED -	SCALE: 1"=20' SHEET 10 OF 11 SHEETS STA. 396+00 TO STA. 402+00							



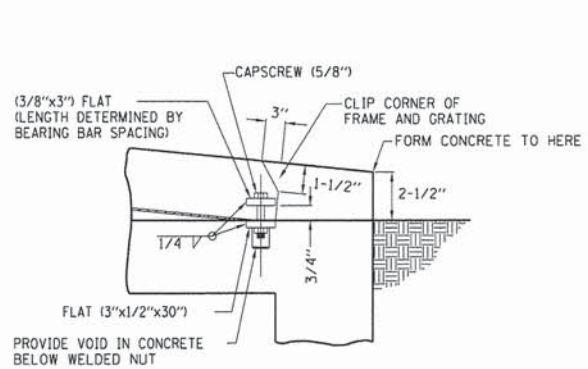
DATE	
BY	
PLANNED	
ALIGNED	
GRADES	
STRUCTURE	
NO.	



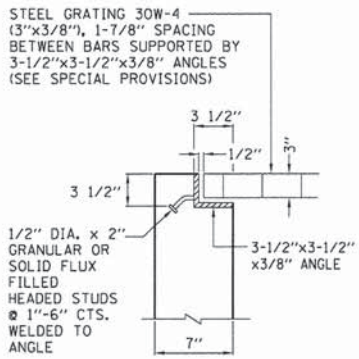
DATE	
BY	
PROFILE	
GRADES	
STRUCTURE	
NO.	



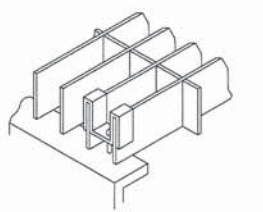
	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITIES</b> <b>CRAWFORD AVENUE</b>		F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 55	CONTRACT NO. 61A75
	FILE NAME:	DRAWN - AS	REVISED -									
	PLOT SCALE = 20.0000' / in.	CHECKED - KDN	REVISED -									
	PLOT DATE = 1/29/2015	DATE - 1/16/2015	REVISED -									
SCALE: 1"=20'		SHEET 11 OF 11 SHEETS		STA. 402+00 TO STA. 404+05.28		ILLINOIS FED. AID PROJECT						



DETAIL A  
NO SCALE

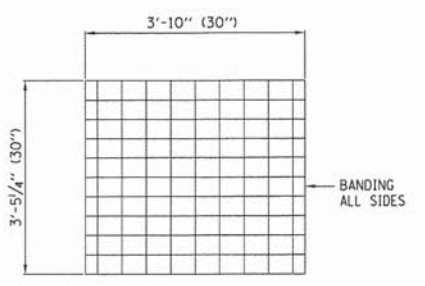


SECTION-B  
NO SCALE

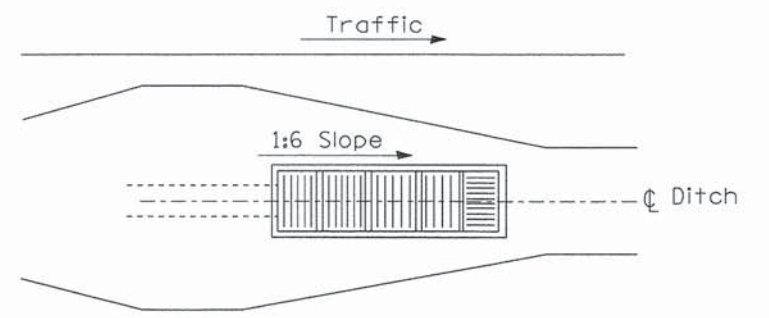


PROVIDE BENT-CLIP TYPE FASTENER FOR REMOVING PANELS (STAINLESS STEEL)

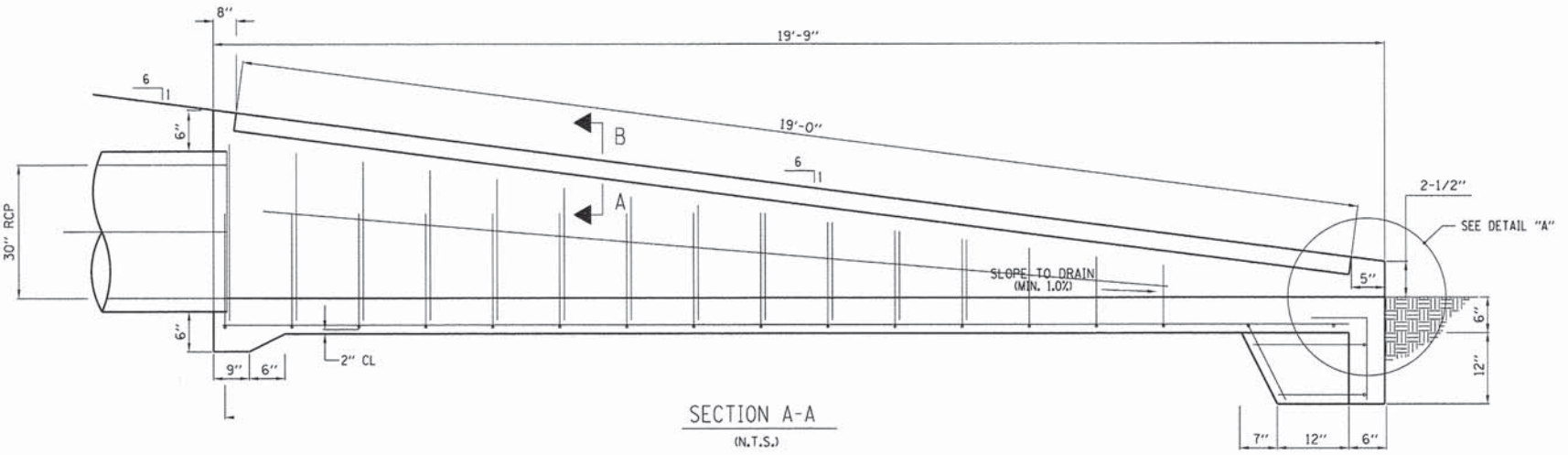
SADDLE CLIP  
NO SCALE



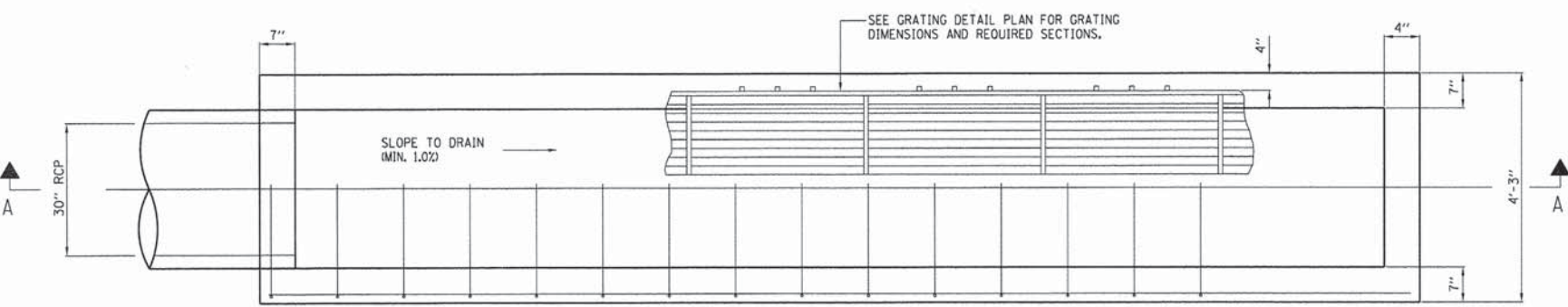
GRATING DETAILS - PLAN VIEW  
NO SCALE  
ONE SECTION OF GRATING DETAILED. TOTAL OF 5 SECTIONS REQUIRED FOR 30". SEE SPECIAL PROVISIONS FOR FURTHER DETAILS.



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



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



PLAN  
STA. 207+09, 39' RT  
(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 S1 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 S1 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.

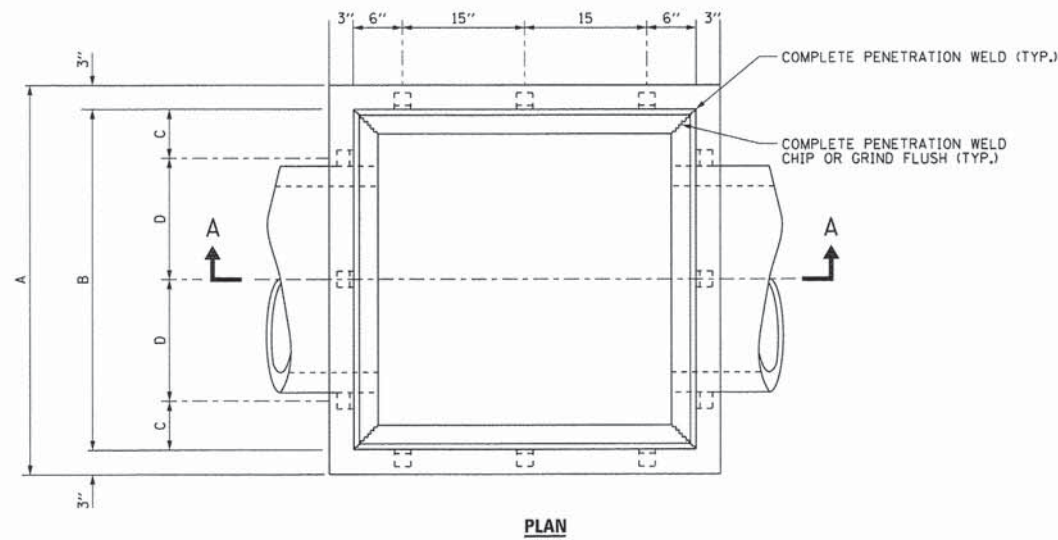
SLOPE INLET BOX 30" - STRUCTURE NO. 220

I:\UNIVPARK\220-0\UnivPkwyEast\Sec\Draw\CADD\_Sheets\sp\_struct.ltdgn 1/29/2015

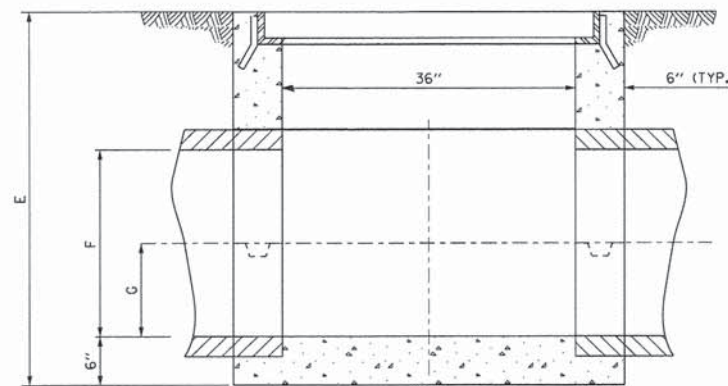
	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE DETAILS</b> <b>UNIVERSITY PARKWAY</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME: sp_struct.ltdgn	DRAWN - AS	REVISED -					1637	96-00014-01-PV	WILL	119	56
	PLOT SCALE = 3.0000' / 1"	CHECKED - KDN	REVISED -					CONTRACT NO. 61A75				
PLOT DATE = 1/29/2015 4:38:39 PM	DATE - 1/16/2015	REVISED -	SCALE: NONE	SHEET 1 OF 3 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT					



L:\UNIVPARK\4220-01\UnivPkwyEastSec\Draw\CADD\_Sheets\detail-05.dgn  
1/29/2015



**PLAN**



**SECTION B-B**

**FLUSH INLET BOX SPECIAL DETAIL**

LOCATION	STRUCTURE NO.	NOMINAL DIA. FOR PIPE	DIMENSIONS						
			A	B	C	D	E	F	G
UNIVERSITY PKWY. 183+31, 57.11' RT	186	18"	48"	42"	6"	15"	VAR.	18"	9"
UNIVERSITY PKWY. 200+76.89, 54.55' RT.	213	18"	48"	42"	6"	15"	VAR.	18"	9"



USER NAME = Kristin Simmons	DESIGNED - AS	REVISED -
FILE NAME: detail-05.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60,0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:39 PM	DATE - 1/16/2015	REVISED -

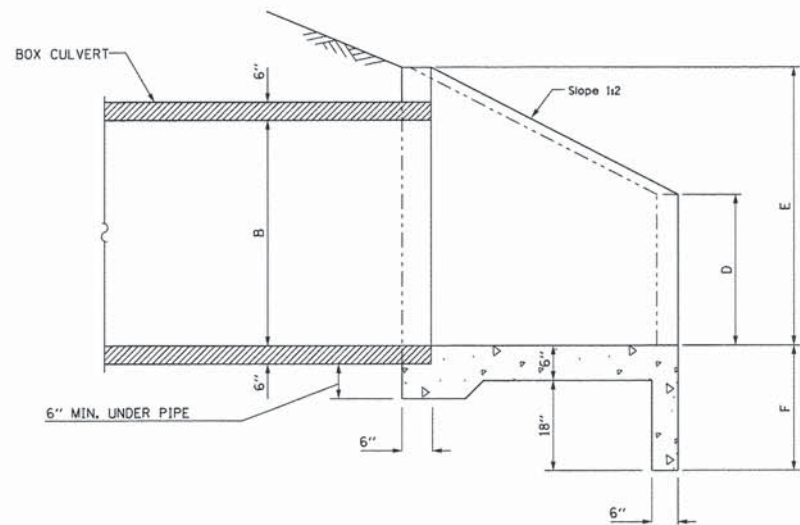
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS  
UNIVERSITY PARKWAY**

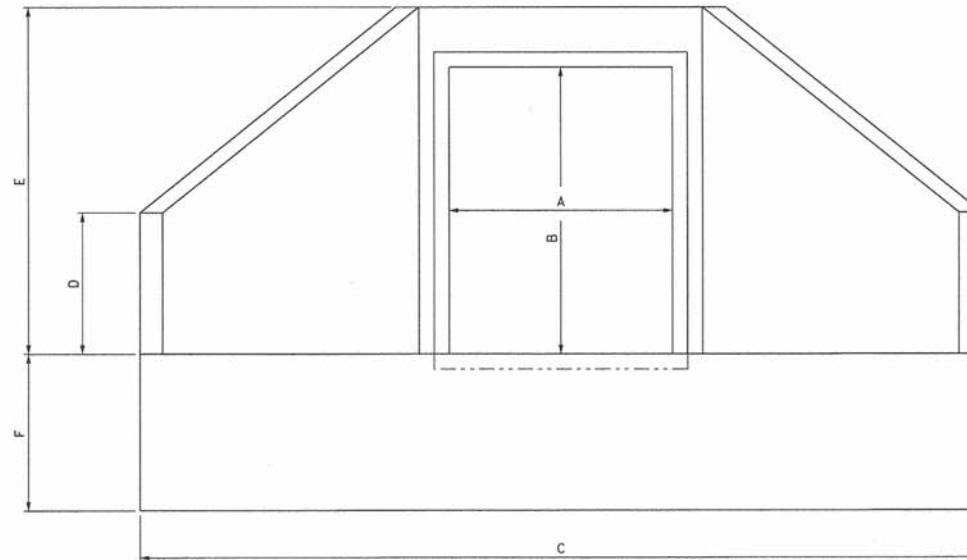
SCALE: N/A SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	57
<b>CONTRACT NO. 61A75</b>				
ILLINOIS FED. AID PROJECT				

**BOX CULVERT END SECTIONS, CULVERT NO. 1 – STRUCTURE NO. 225 & 227**

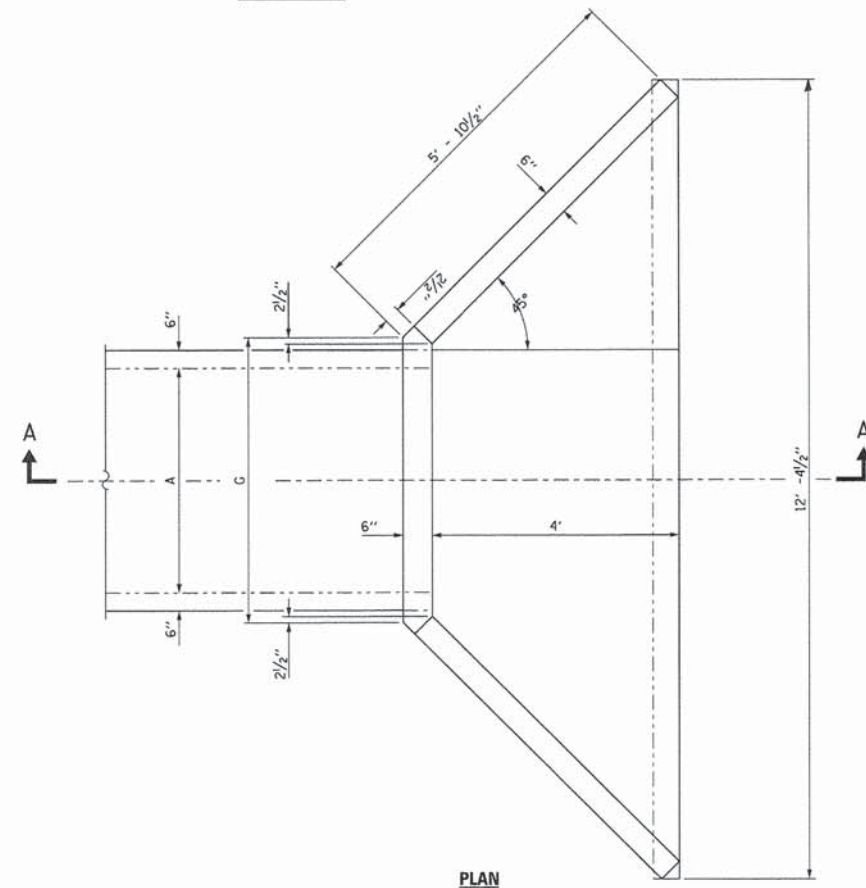


**SECTION A-A**

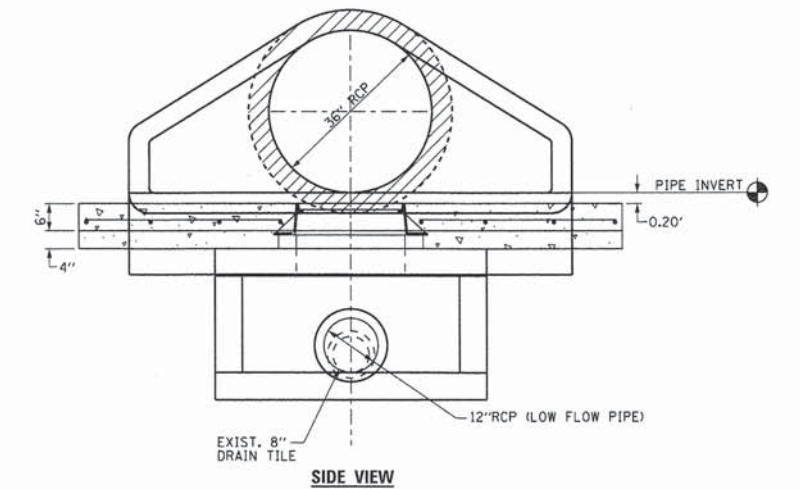


**END VIEW**

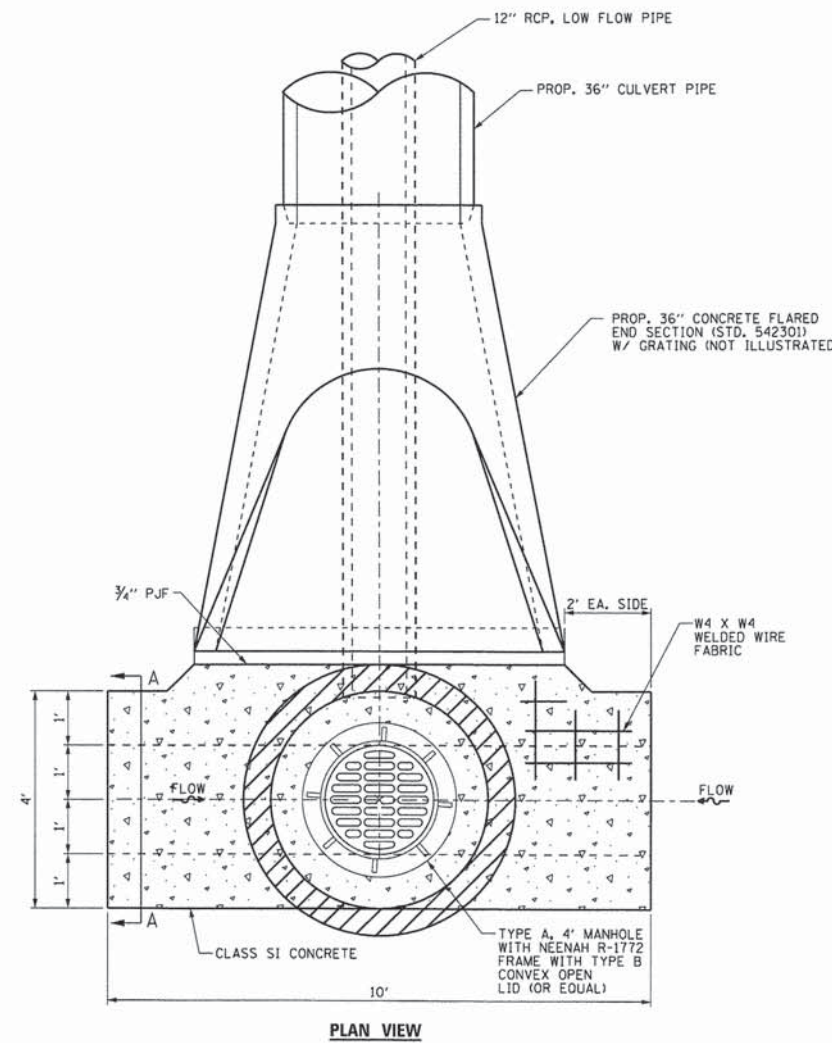
LOCATION	NOMINAL BOX SIZE	DIMENSIONS						
		A	B	C	D	E	F	G
CRAWFORD AVE. 393+90.50 57' RT	4' X 2' BOX CULVERT	4'	2'	12'-4 1/2"	22"	3'-10"	24"	5'-1"
CRAWFORD AVE. 393+71.62, 29.45' LT	4' X 2' BOX CULVERT	4'	2'	12'-4 1/2"	22"	3'-10"	24"	5'-1"



**PLAN**



**SIDE VIEW**



**PLAN VIEW**

**INLET DETAIL – STRUCTURE NO. 228-231  
STA. 402 + 94.84  
CRAWFORD AVENUE**

**REINFORCED CONCRETE FLAT TOP – SPECIAL**

**NOTES:**

1. PRECAST FLAT TOPS SHALL BE PLACED ON STRUCTURES 7' AND GREATER IN DIAMETER.
2. THE FLAT TOP SHALL APPLY TO THE FOLLOWING STRUCTURES - 6, 14, 19, 22, 26, 29, 34, 38, 43, 47, 51 SHOWN IN THE DRAINAGE AND UTILITY PLAN SHEETS.
3. THE FLAT TOP SHALL BE CONSTRUCTED TO THE APPLICABLE REQUIREMENTS OF SECTION 602 OF THE STANDARD SPECIFICATIONS AND IDOT STANDARD 602601.

L:\UNIVPARK\4220-01\UnivPkwyEast\Sec\Draw\CA000\_Sheets\sp\_struct\_3.dgn  
1/29/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = sp_struct_3.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 3.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:40 PM	DATE - 1/16/2015	REVISED -

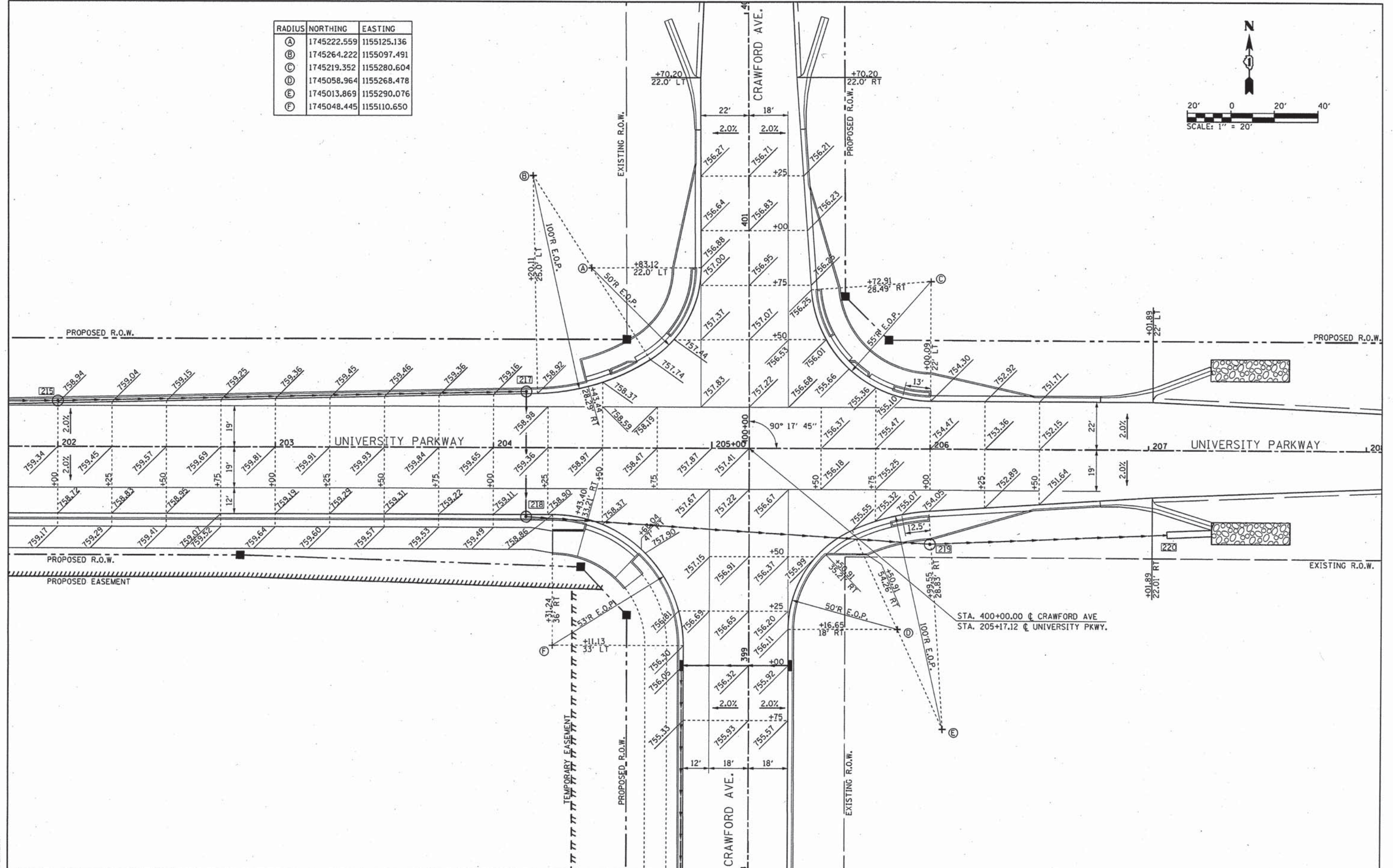
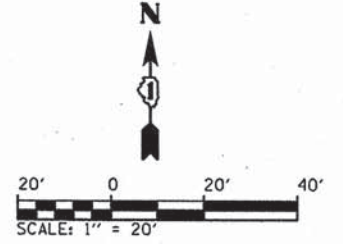
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS  
UNIVERSITY PARKWAY**

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

F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 58
CONTRACT NO. 61A75				ILLINOIS FED. AID PROJECT

RADIUS	NORTHING	EASTING
(A)	1745222.559	1155125.136
(B)	1745264.222	1155097.491
(C)	1745219.352	1155280.604
(D)	1745058.964	1155268.478
(E)	1745013.869	1155290.076
(F)	1745048.445	1155110.650



L:\UNIVPARK\14220-01\UnivPkwy\EastSec\Draw\CADD\_Sheets\Int\_craw.dgn  
3/26/2015

STA. 400+00.00 @ CRAWFORD AVE  
STA. 205+17.12 @ UNIVERSITY PKWY.



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: int_craw.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 28.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 3/26/2015 4:08:34 PM	DATE - 1/16/2015	REVISED -

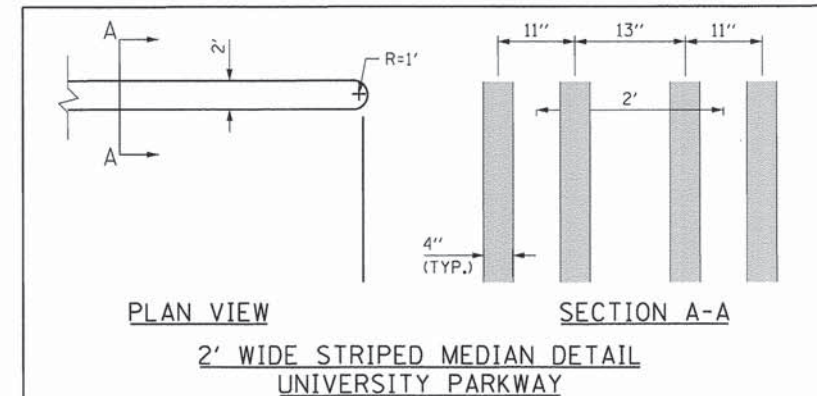
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GRADE DETAIL  
UNIVERSITY PARKWAY AND CRAWFORD AVENUE**

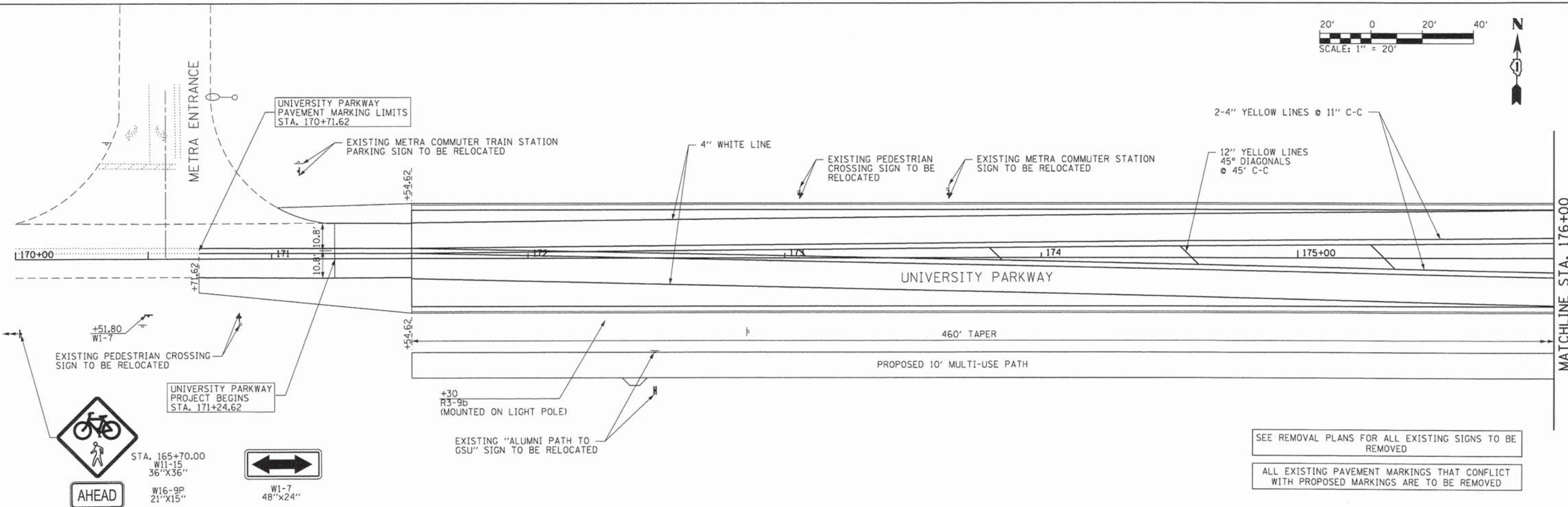
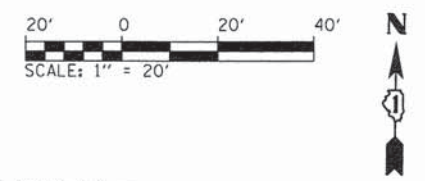
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	59

CONTRACT NO. 61A75  
ILLINOIS FED. AID PROJECT



- NOTES:
1. ALL CURB FOR 10' UP STATION AND 10' DOWN STATION OF FIRE HYDRANTS SHALL BE PAINTED WITH YELLOW POLYUREA PAVEMENT MARKING.
  2. SEE TRAFFIC SIGNAL PLAN DETAIL SHEET (3 OF 3) FOR D1 SIGN (STREET NAME SIGN) DETAILS.
  3. SEE D1 TYPICAL PAVEMENT MARKING DETAIL SHEET.

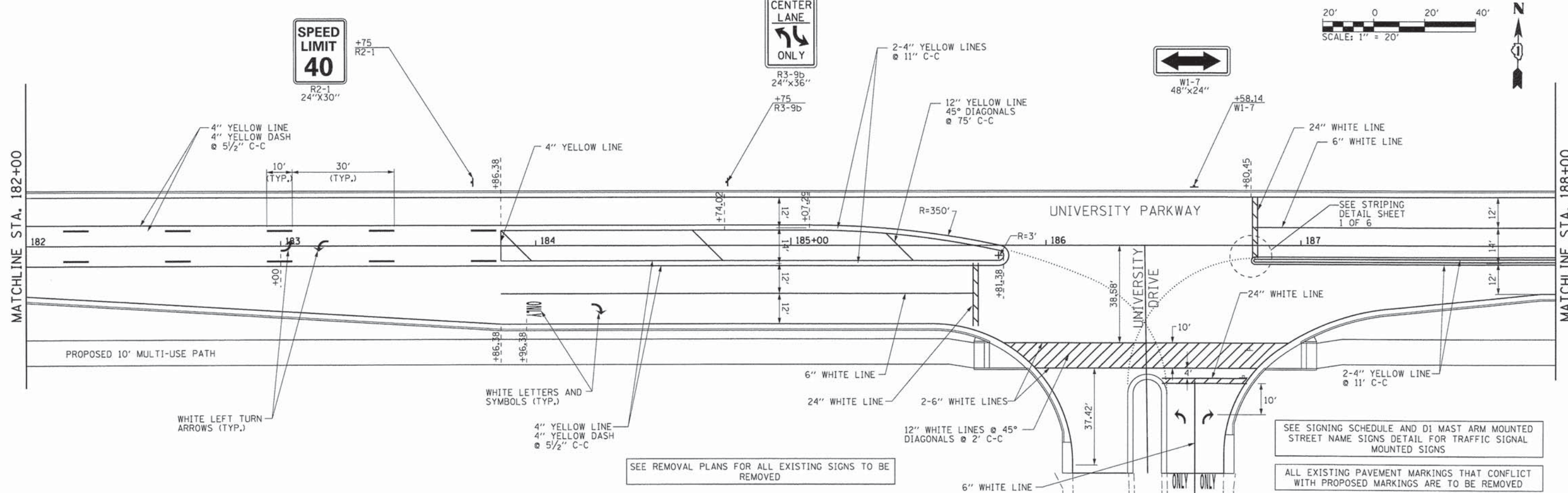
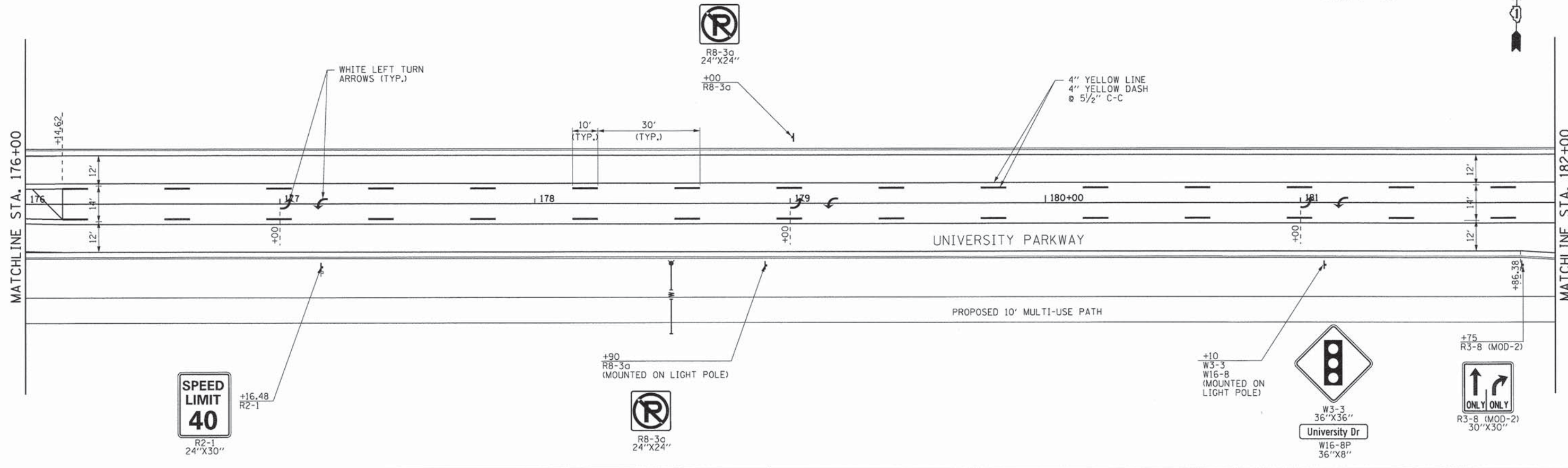


SEE REMOVAL PLANS FOR ALL EXISTING SIGNS TO BE REMOVED

ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS ARE TO BE REMOVED

L:\UNIVPARK\4220-01\univpkwyEastSec\Draw\CA00...Sheets\pmark\_7.dgn 1/29/2015

	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING &amp; SIGNING PLAN</b> <b>UNIVERSITY PARKWAY</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME: pmark_7.dgn	DRAWN - AS	REVISED -			1637	96-00014-01-PV	WILL	119	60
PLOT SCALE = 20,000' / in.	CHECKED - KDN	REVISED -		SCALE: 1"=20'	SHEET 1 OF 6 SHEETS	STA. 164+00 TO STA. 176+00		CONTRACT NO. 61A75		
PLOT DATE = 1/29/2015 4:45:41 PM	DATE - 1/16/2015	REVISED -		ILLINOIS FED. AID PROJECT						



L:\UNIVPARK\M220-0\UnivPkwyEos\*Sec\Draw\CAAD\_Sheets\pmark\_8.dgn 1/23/2015



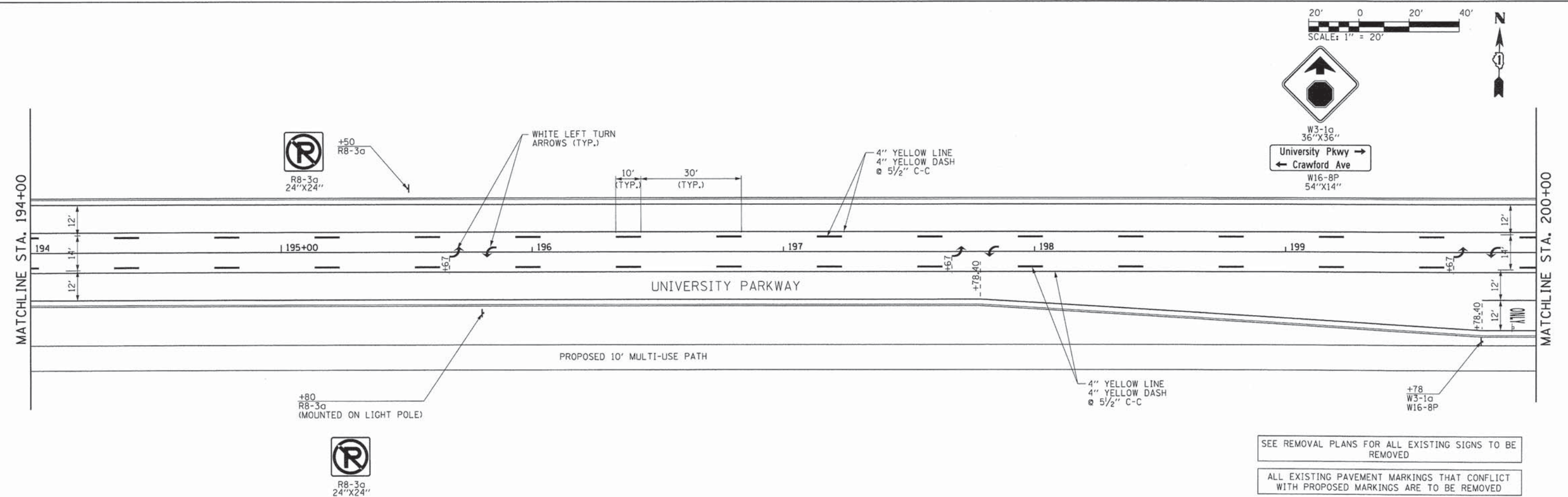
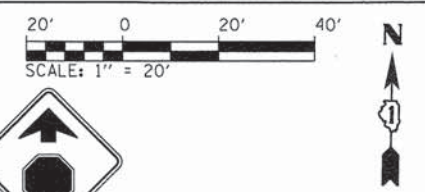
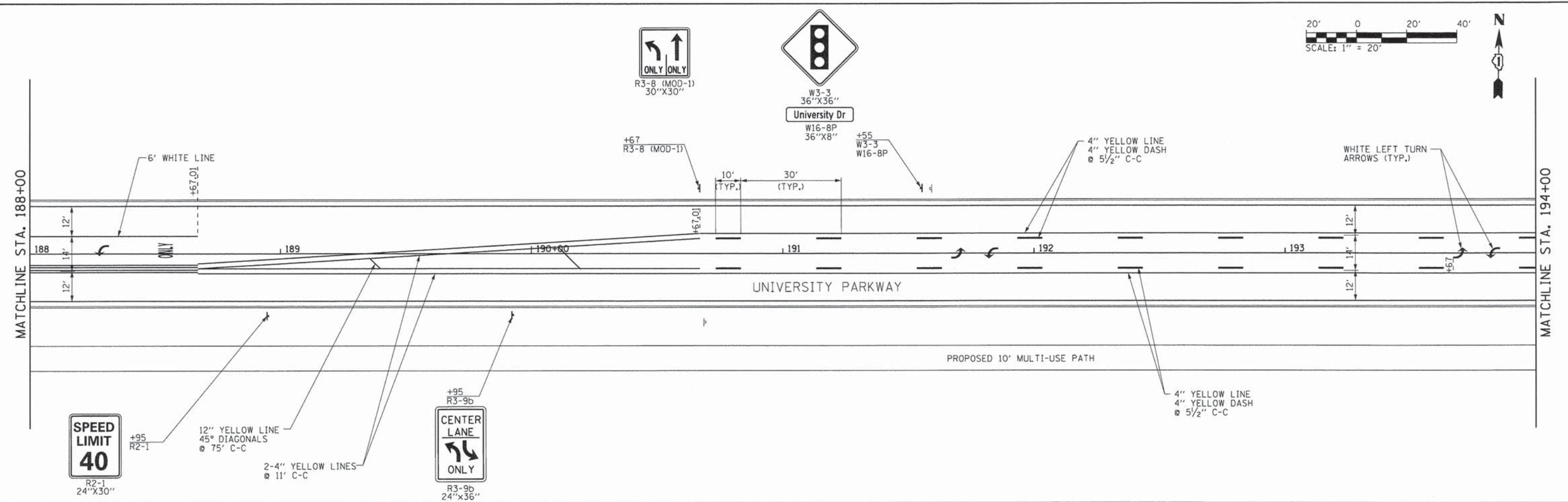
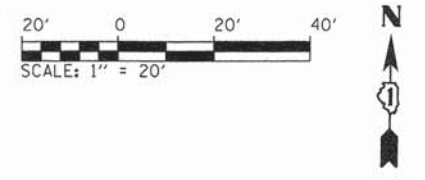
USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: pmark_8.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20,0000 1 / in	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:41 PM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN  
UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 176+00 TO STA. 188+00

F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 61
CONTRACT NO. 61A75				ILLINOIS FED. AID PROJECT



SEE REMOVAL PLANS FOR ALL EXISTING SIGNS TO BE REMOVED

ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS ARE TO BE REMOVED

L:\UNIVPARK\4220-01\UnivPkwyEast\Sec\Draw\CAADD\_Sheets\pmark\_9.dgn 1/29/2015



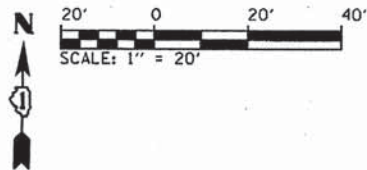
USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = pmark_9.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / 1" =	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:42 PM	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN  
UNIVERSITY PARKWAY

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 188+00 TO STA. 200+00

F.A.J. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 62
CONTRACT NO. 61A75			ILLINOIS FED. AID PROJECT	



R3-9b  
24"x36"

+55  
R3-9b

4" YELLOW LINE  
4" YELLOW DASH  
@ 5 1/2" C-C

4" YELLOW LINE

12" YELLOW LINE  
45° DIAGONALS  
@ 75" C-C

2-4" YELLOW LINES  
@ 11" C-C



+50  
R2-1

R2-1  
24"x30"

SEE STRIPING  
DETAIL SHEET  
1 OF 6

+37  
D3-1

MATCHLINE STA. 200+00

200+00

201

UNIVERSITY PARKWAY

203

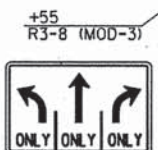
204

PROPOSED 10' MULTI-USE PATH

+06.78

2-6" WHITE LINE

WHITE LETTERS AND  
SYMBOLS (TYP.)



R3-8 (MOD-3)  
48"x36"

+55  
R3-8 (MOD-3)



R1-1  
36"x36"

R1-3P  
18"x6"

RELOCATE  
"LITTER"  
SIGNS  
(2 SIGNS TOTAL)  
FROM STA. 203+50  
TO STA. 204+00

+03  
R1-1  
R1-3P

200+00

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236



W3-1a  
36"x36"

W16-8P  
54"x14"

+90  
W3-1a  
W16-8P



R3-8 (MOD-1)  
32"x30"

+60  
R3-8 (MOD-1)

MATCHLINE STA. 206+00

206

207

208

209

210+00

211

UNIVERSITY PARKWAY

EXISTING "NO TRUCKS" SIGN  
SIGN TO BE RELOCATED

+15  
W6-3  
(MOUNTED ON LIGHT POLE)

WHITE LETTERS AND  
SYMBOLS (TYP.)



W6-3  
36"x36"



R2-1  
24"x30"

+95  
R2-1

2-4" YELLOW LINES  
@ 11" C-C

4" WHITE  
EDGE LINE

6" WHITE LINE

12" WHITE LINE 45° DIAGONALS  
@ 30' C-C

6" WHITE LINE  
2' DASH-6' SKIP

4" WHITE  
EDGE LINE

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

SEE REMOVAL PLANS FOR ALL EXISTING SIGNS TO BE  
REMOVED

ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT  
WITH PROPOSED MARKINGS ARE TO BE REMOVED

L:\UNIVPARK\4220-01\UnivPkyEast1Sec.Dr\aw\CADD\_Sheets\10.dgn 3/26/2015



USER NAME = Kristin Timmons  
FILE NAME = pmark\_10.dgn  
PLOT SCALE = 20.0000 / in.  
PLOT DATE = 3/26/2015 4:18:56 PM

DESIGNED - AS  
DRAWN - AS  
CHECKED - KON  
DATE - 1/16/2015

REVISED -  
REVISED -  
REVISED -  
REVISED -

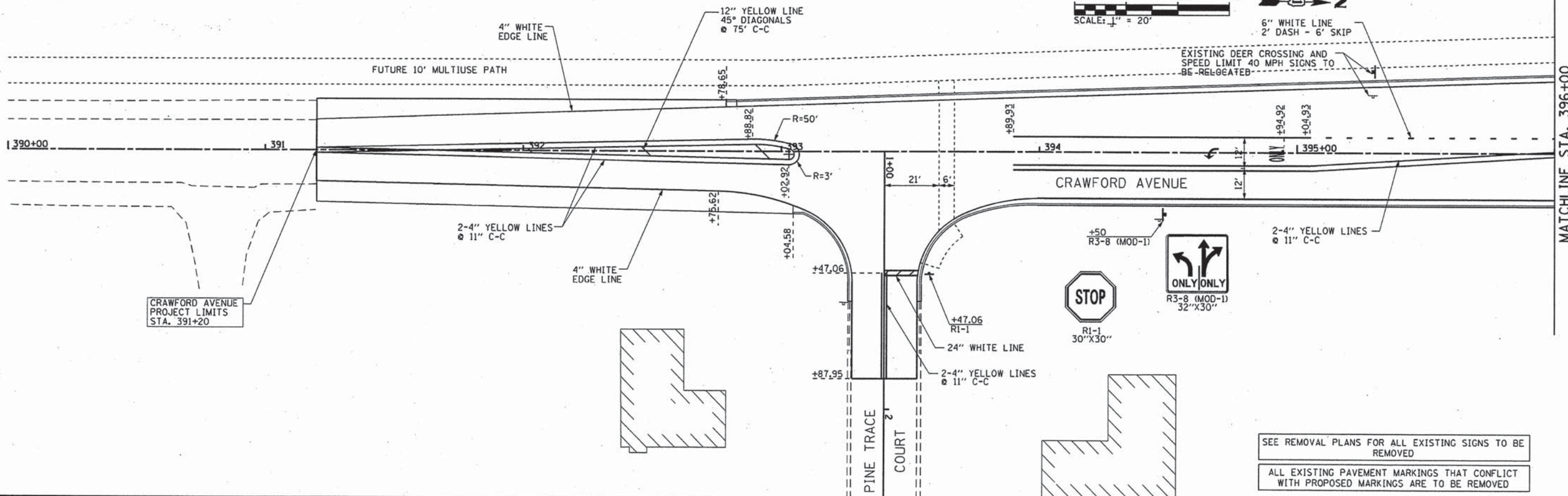
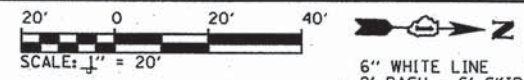
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN  
UNIVERSITY PARKWAY

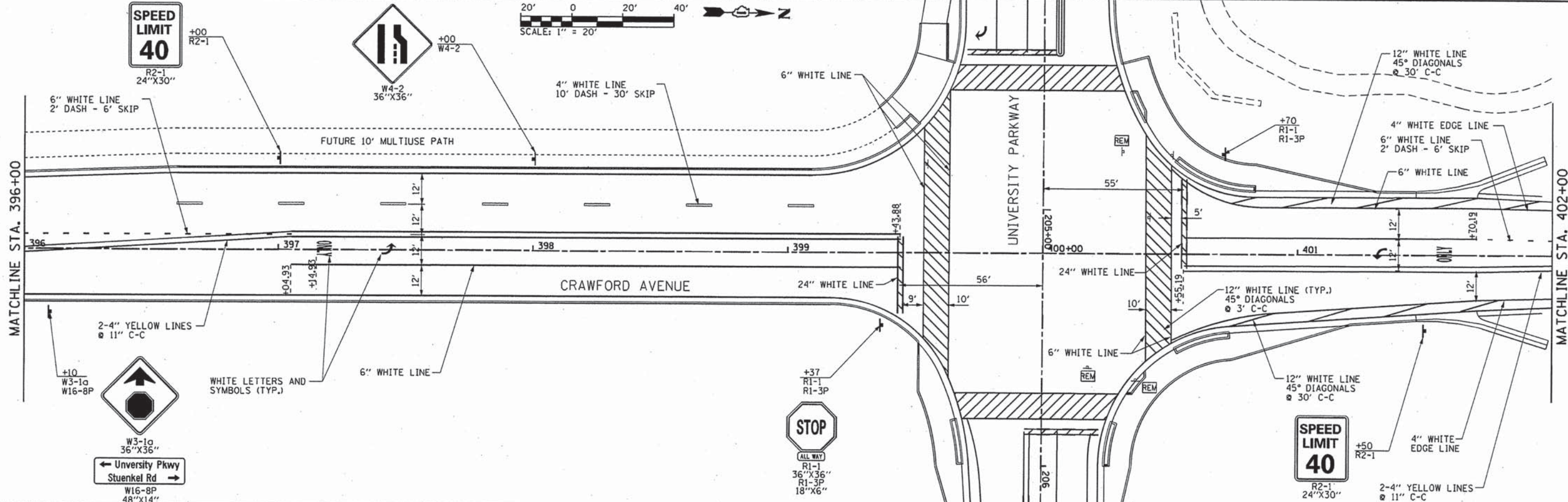
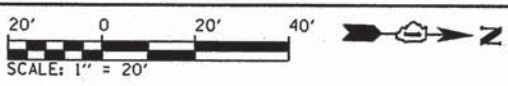
SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 200+00 TO STA. 211+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	63
CONTRACT NO. 61A75				

ILLINOIS FED. AID PROJECT



SEE REMOVAL PLANS FOR ALL EXISTING SIGNS TO BE REMOVED  
 ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS ARE TO BE REMOVED



L:\UNIVPARK\14220-0\UnivPkwy\EastSec\Draw\CA00\_Sheets\pmark\_craw.lgdgn 3/26/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = pmark_craw.lgdgn	DRAWN - AS	REVISED -
PLOT SCALE = 28,0000' / in.	CHECKED - KON	REVISED -
PLOT DATE = 3/26/2015 4:18:57 PM	DATE - 1/16/2015	REVISED -

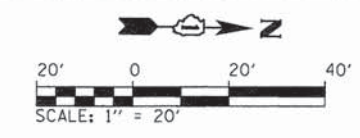
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN  
 CRAWFORD AVENUE**

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 392+00 TO STA. 402+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	64
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				



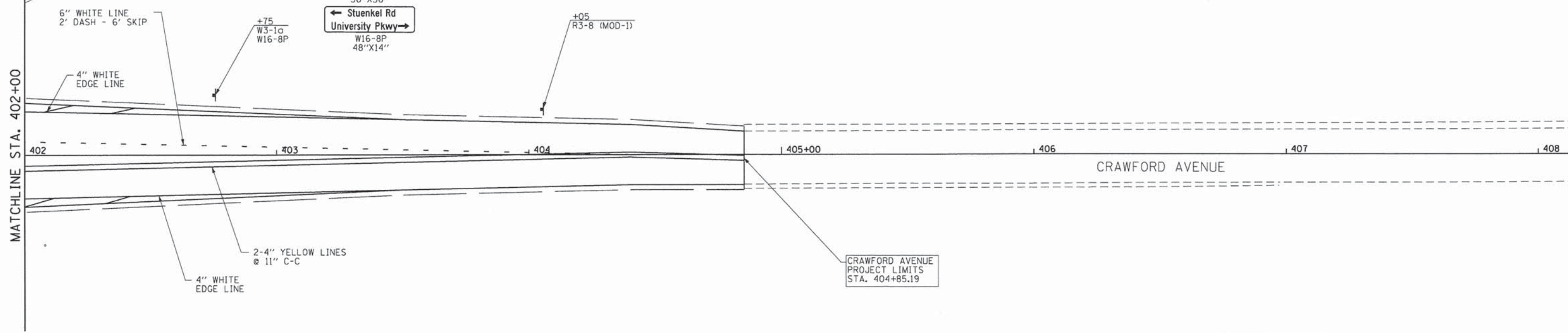


W3-1a  
36"X36"  
← Stuenkel Rd  
University Pkwy →  
W16-8P  
48"X14"



R3-8 (MOD-1)  
32"X30"  
+05  
R3-8 (MOD-1)

MATCHLINE STA. 402+00



SEE REMOVAL PLANS FOR ALL EXISTING SIGNS TO BE REMOVED

ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS ARE TO BE REMOVED

L:\UNIVPARK\14220-01\univpkwy\EastSec\Draw\CADD\_Sheets\pmark\_crow\_2.dgn  
1/29/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: pmark_crow_2.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000 1/1 in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:58 PM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN  
CRAWFORD AVENUE**

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 402+00 TO STA. 404+85

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	65
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				

**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 13 ACRES

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED TO BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES, IS 13 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 IN PRELUDE BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING ITERIM 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 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 AN "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 1A SHALL BE COMPLETED PRIOR TO BEGINNING THAT PORTION OF STAGE 1B WORK THAT DRAINS THROUGH THE APPLICABLE PRELIMINARY STAGE AREA.

IN STAGES 1A AND 1B, 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 28001, 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 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: 96-00014-01-PV PROJECT NO.: \_\_\_\_\_  
COUNTY: WILL CONTRACT NO.: \_\_\_\_\_

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.

L:\UNIVPARK\14220-01\UnivPkwy\cmt\Sec04\CAUD\_Sheets\erc\_notes.dgn 1/29/2015



USER NAME = Kristin Timmons  
FILE NAME: erc\_notes.dgn  
PLOT SCALE = 50.0000' / 1" =  
PLOT DATE = 1/29/2015 4:38:51 PM

DESIGNED - AS  
DRAWN - AS  
CHECKED - KDN  
DATE - 1/16/2015

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL GENERAL NOTES**













SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

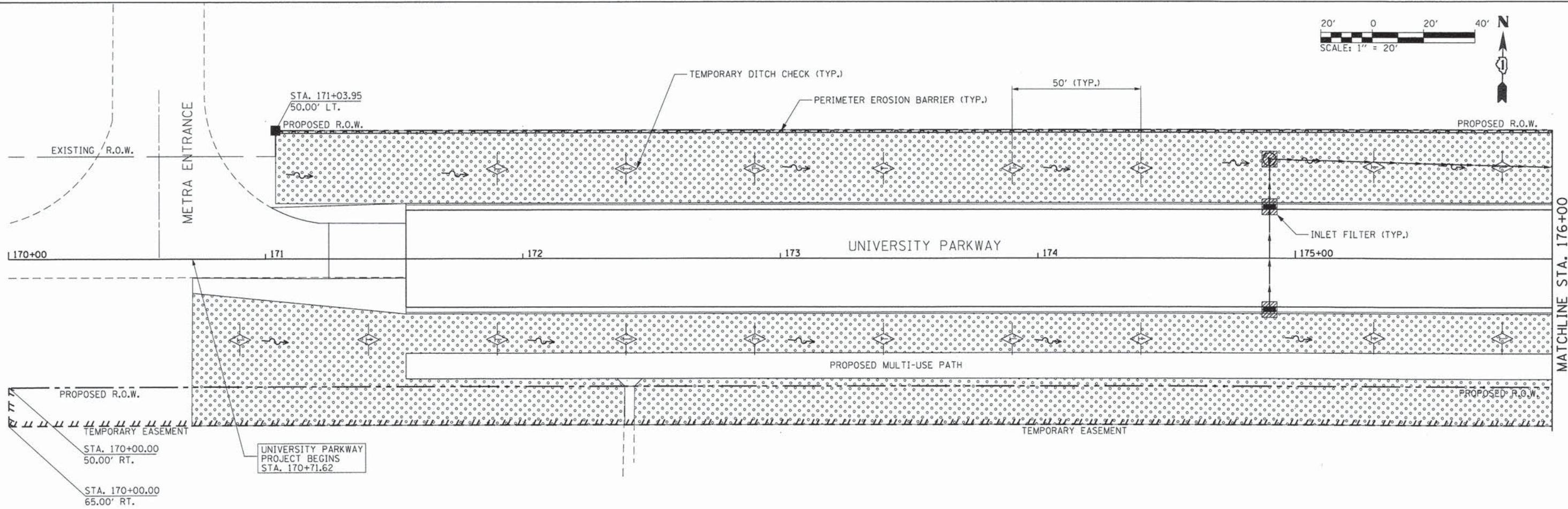
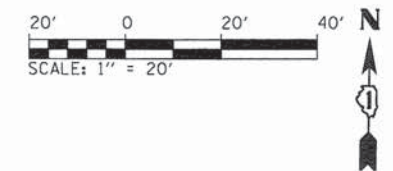
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	616
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				

**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 TOPSOIL, 6" AND COMPOST. THE COMPOST SHALL BE PAID FOR AS "COMPOST FURNISH AND PLACE, 4".

**LEGEND**

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



L:\UNIVPARK\14220-01\UnivPkwyEast\Sec\Draw\CA00\_Sheets\landscape\_7new.dgn 1/29/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: landscape_7new.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20,0000' / in	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:52 PM	DATE - 1/16/2015	REVISED -

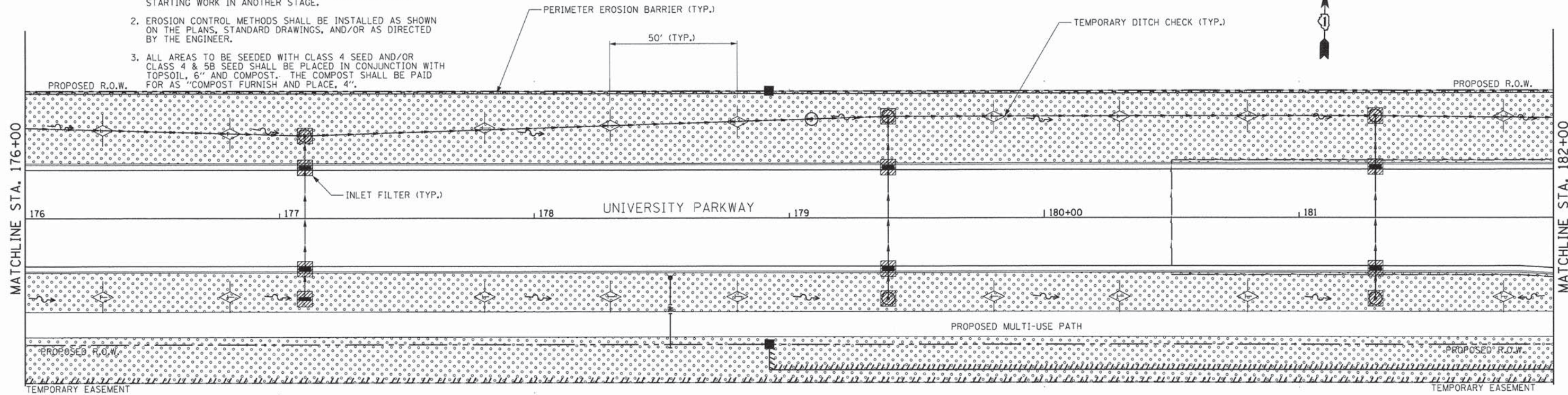
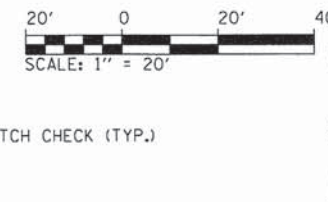
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LANDSCAPING AND EROSION CONTROL UNIVERSITY PARKWAY</b>	
SCALE: 1"=20'	SHEET 1 OF 6 SHEETS   STA. 170+00 TO STA. 176+00

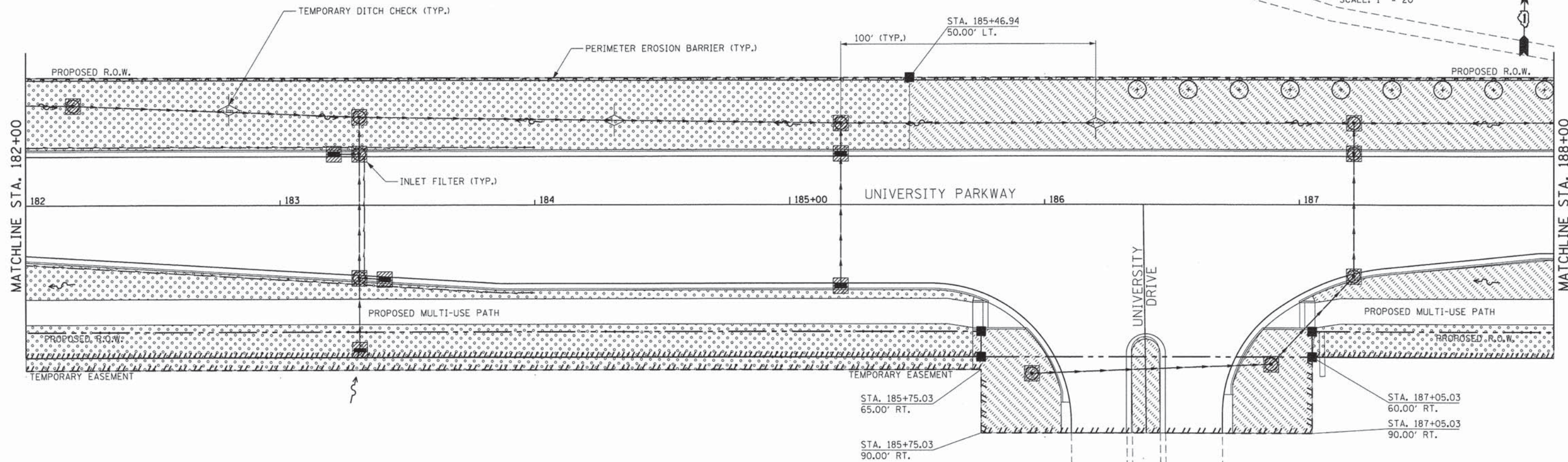
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-0014-01-PV	WILL	119	67
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

**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 TOPSOIL, 6" AND COMPOST. THE COMPOST SHALL BE PAID FOR AS "COMPOST FURNISH AND PLACE, 4".



FOR LANDSCAPING LEGEND SEE LANDSCAPING AND EROSION CONTROL SHEET 1 OF 6



L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CA00\_Sheets\landscape\_bnew.dgn 1/29/2015



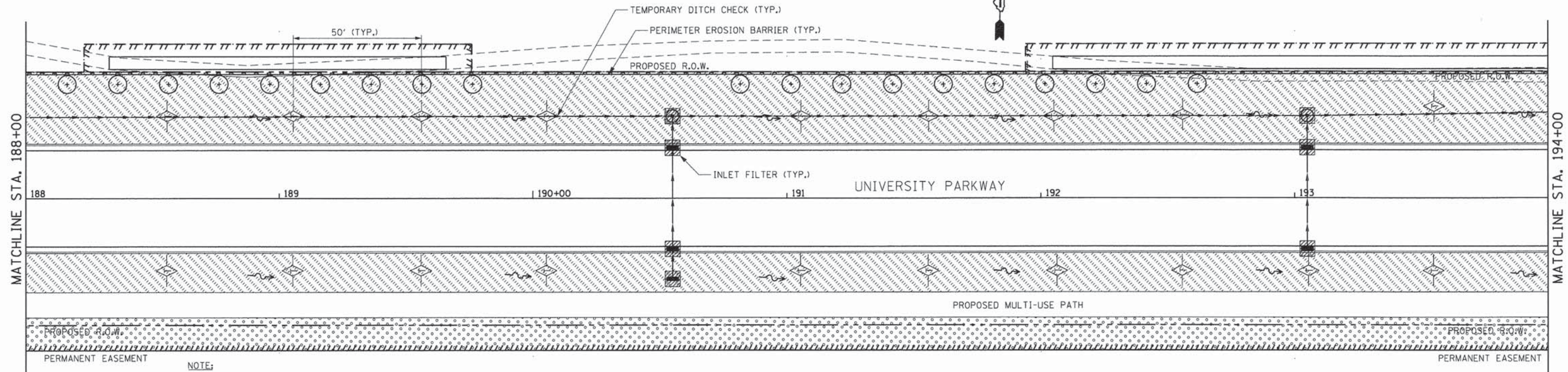
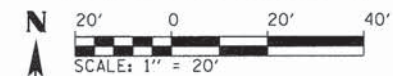
USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: landscape_bnew.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:52 PM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING AND EROSION CONTROL  
UNIVERSITY PARKWAY**

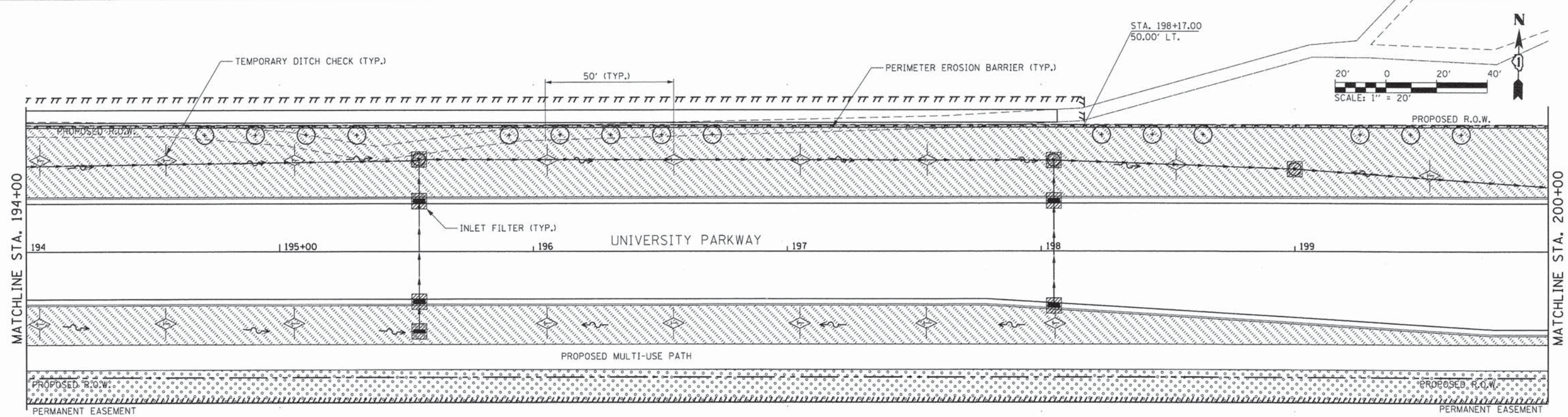
SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 176+00 TO STA. 188+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	68
				CONTRACT NO. 61A75
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 TOPSOIL, 6" AND COMPOST. THE COMPOST SHALL BE PAID FOR AS "COMPOST FURNISH AND PLACE, 4".

FOR LANDSCAPING LEGEND SEE LANDSCAPING AND EROSION CONTROL SHEET 1 OF 6



L:\UNIVPARK\14220-01\UnivPkwyEast\Sec\Draw\ADD\_Sheets\landscape\_snew.dgn 1/29/2015

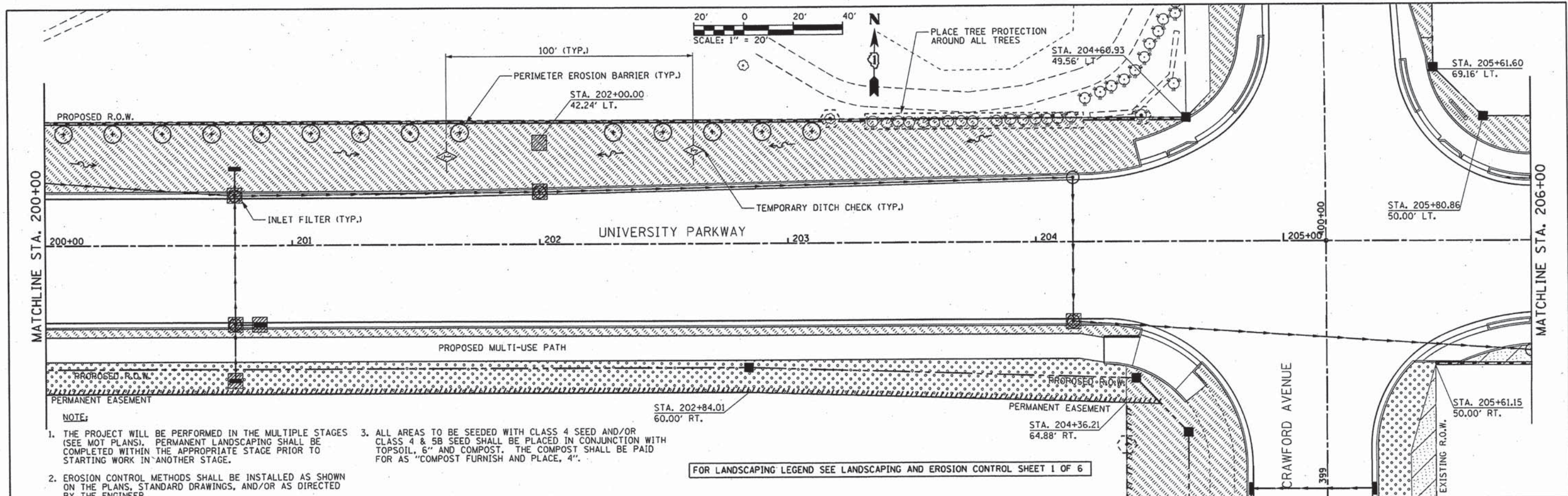


USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: landscape_snew.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 4:38:55 PM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

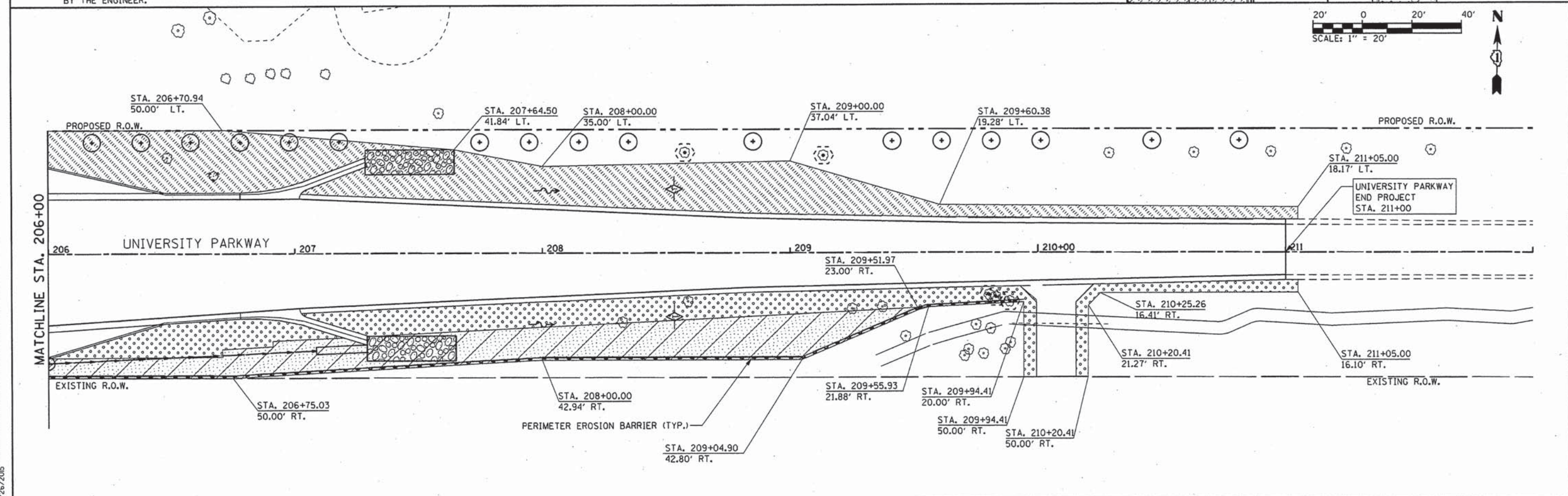
**LANDSCAPING AND EROSION CONTROL  
UNIVERSITY PARKWAY**  
SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 188+00 TO STA. 200+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	69
CONTRACT NO. 61A75				
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 SEED WITH CLASS 4 SEED AND/OR CLASS 4 & 5B SEED SHALL BE PLACED IN CONJUNCTION WITH TOPSOIL, 6" AND COMPOST. THE COMPOST SHALL BE PAID FOR AS "COMPOST FURNISH AND PLACE, 4".

FOR LANDSCAPING LEGEND SEE LANDSCAPING AND EROSION CONTROL SHEET 1 OF 6



L:\UNIVPARK\4220-01UnivPkwyEastSec\01-01-01-CADD\_Sheets\landscape\_10new.dgn 3/26/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: landscape_10new.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 3/26/2015 4:19:07 PM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING AND EROSION CONTROL  
UNIVERSITY PARKWAY**

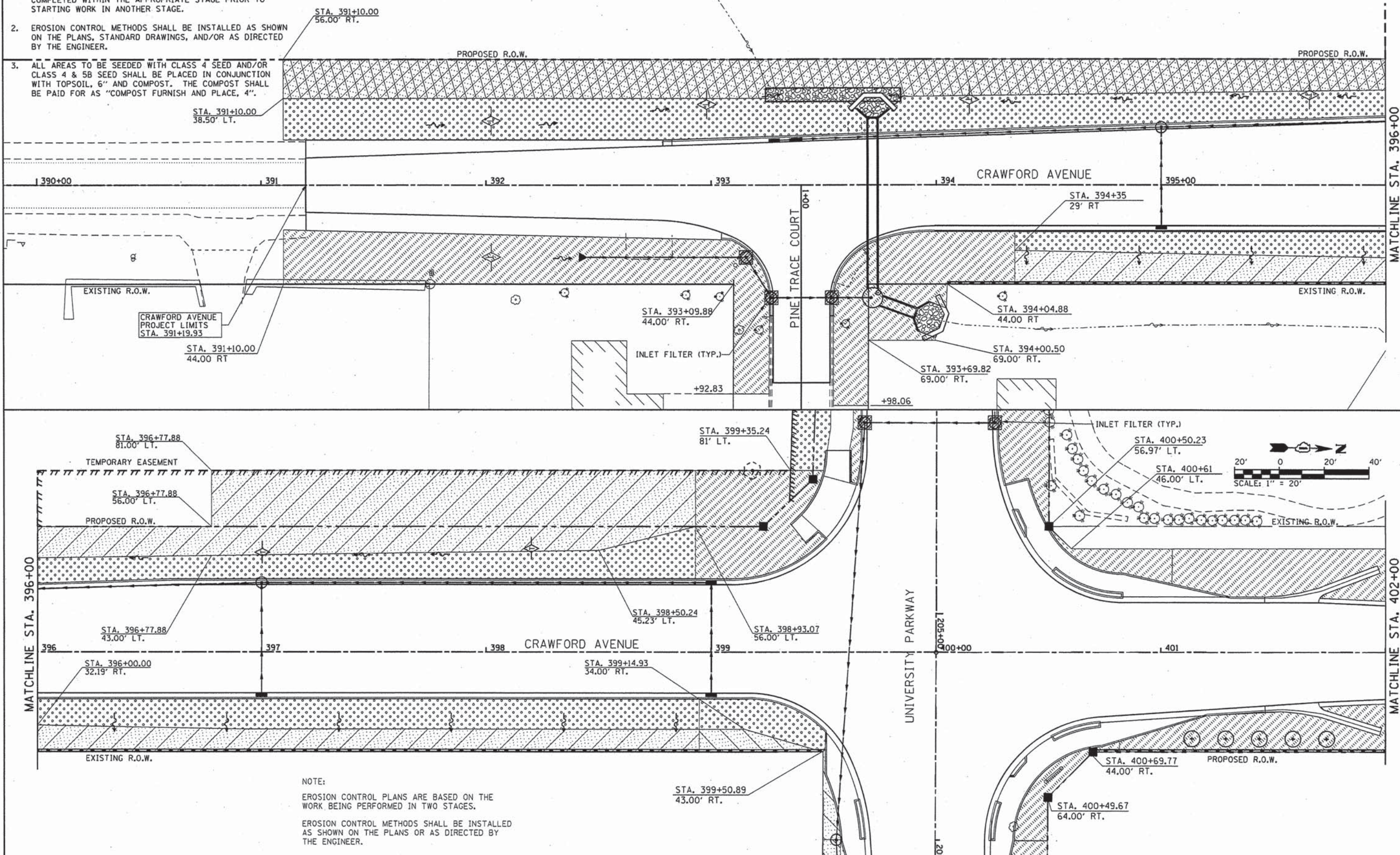
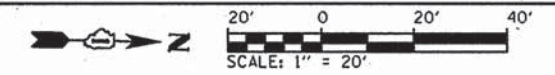
SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 200+00 TO STA. 211+00

F-A-U R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	70
			CONTRACT NO. 61A75	
ILLINOIS FED. AID PROJECT				

**NOTES:**

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 SEED WITH CLASS 4 SEED AND/OR CLASS 4 & 5B SEED SHALL BE PLACED IN CONJUNCTION WITH TOPSOIL, 6" AND COMPOST. THE COMPOST SHALL BE PAID FOR AS "COMPOST FURNISH AND PLACE, 4".

FOR LANDSCAPING LEGEND SEE LANDSCAPING AND EROSION CONTROL SHEET 1 OF 6



NOTE:  
 EROSION CONTROL PLANS ARE BASED ON THE WORK BEING PERFORMED IN TWO STAGES.  
 EROSION CONTROL METHODS SHALL BE INSTALLED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

L:\UNIVERSITY PARK\14220-01\UnivPark\14220-01\Draw\CADD\_Sheets\landscape\_craw\_inew.dgn 3/26/2015



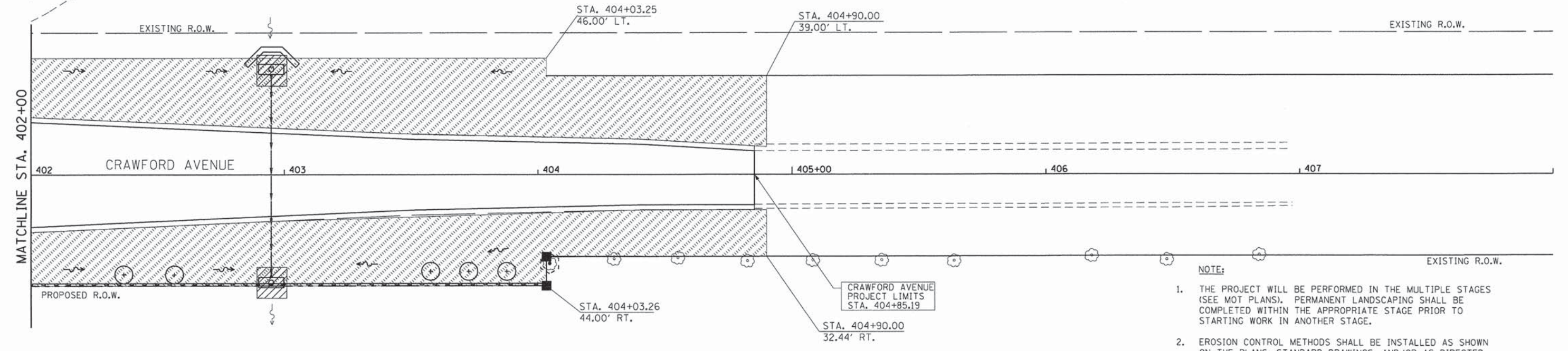
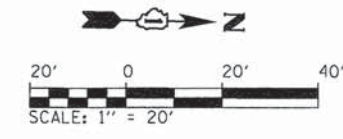
USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = landscape_craw_inew.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 3/26/2015 4:19:16 PM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING AND EROSION CONTROL  
 CRAWFORD AVENUE**

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 392+00 TO STA. 402+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	71
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				



FOR LANDSCAPING LEGEND SEE LANDSCAPING AND EROSION CONTROL SHEET 1 OF 6

- 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 TOPSOIL, 6" AND COMPOST. THE COMPOST SHALL BE PAID FOR AS "COMPOST FURNISH AND PLACE, 4".

L:\UNIVPARK\14220-01\UnivPkwy\FostSec\Dr\row\CADD\_Sheets\landscapes\_craw\_2new.dgn 1/29/2015








	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LANDSCAPING AND EROSION CONTROL</b> <b>CRAWFORD AVENUE</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME: landscape_craw_2new.dgn	DRAWN - AS	REVISED -			1637	96-00014-01-PV	WILL	119	72
PLOT SCALE = 20.0000' / 1"	CHECKED - KDN	REVISED -			CONTRACT NO. 61A75					
PLOT DATE = 1/29/2015 4:39:23 PM	DATE - 1/16/2015	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: 1"=20'		SHEET 6 OF 6 SHEETS		STA. 402+00 TO STA. 404+05.28		

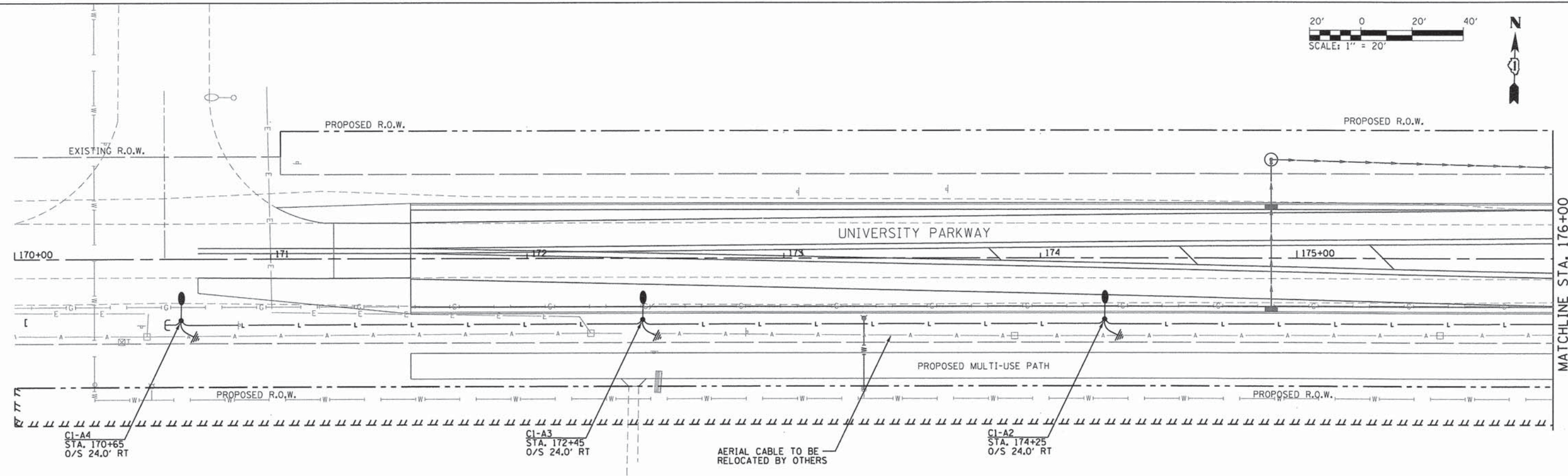




SCHEDULE OF LIGHTING QUANTITIES			
PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2
81028160	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	60
81028220	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	341
81603025	UNIT DUCT, 600V, 2-1/C NO. 4, 1/C NO. 4 GROUND (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	3,855
81702100	ELECTRICAL CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	FOOT	264
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNT, 240VOLT, 60AMP	EACH	2
83008300	LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM	EACH	30
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	300
83800505	BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	120
X8211285	LUMINAIRE, LED, HORIZONTAL MOUNT, 285 WATT	EACH	30

**ELECTRICAL LEGEND**

-  PROPOSED LED ROADWAY LIGHTING UNIT  
40' MOUNTING HEIGHT, 8' MAST ARM
-  PROPOSED 1" UNIT DUCT, 2-1/C NO. 4  
& 1-1/C NO. 4 GND (600V, TYPE XLP-USE)  
(36" MIN. DEPTH)
-  PROPOSED UNDERGROUND CONDUIT  
TYPE AND SIZE INDICATED ON PLANS  
(36" MIN. DEPTH)
-  PROPOSED ROADWAY LIGHTING CONTROLLER
-  PROPOSED ELECTRICAL HANDHOLE
-  EXISTING UTILITY POLE
-  10' GROUND ROD, 3/4" DIA.



L:\UNIVPARK\14220-01\UnivPkwy\East\Sec\Draw\CADD\_Sheets\Lightup\_7new.dgn  
1/29/2015 - 3:34:4 PM



USER NAME = Casey Tobin	DESIGNED - CPT	REVISED -
FILE NAME: Lightup_7new.dgn	DRAWN - CPT	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 1/29/2015 - 3:31:14 PM	DATE - 1/30/2015	REVISED -

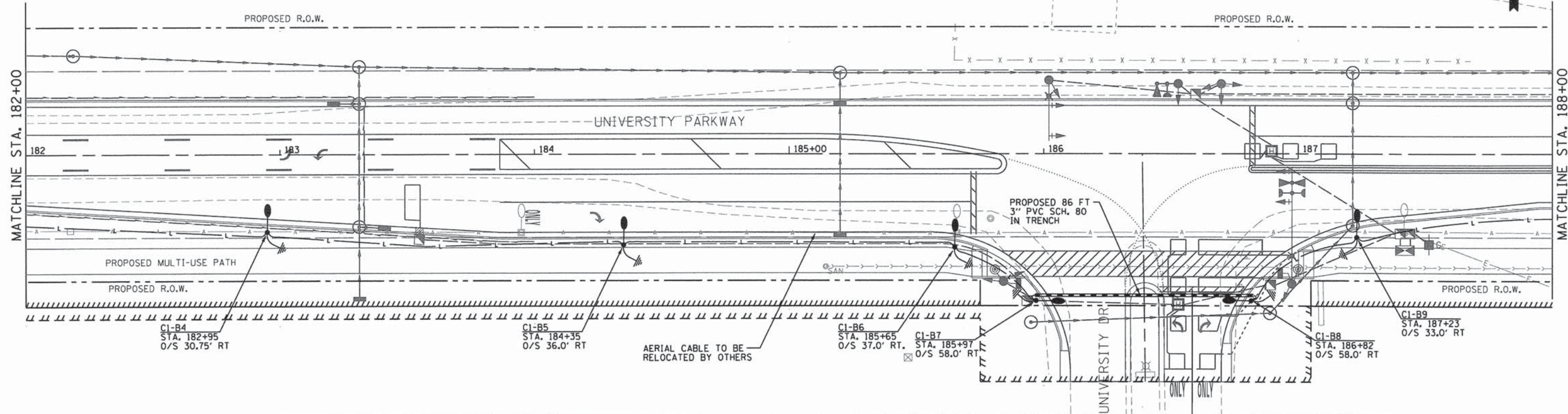
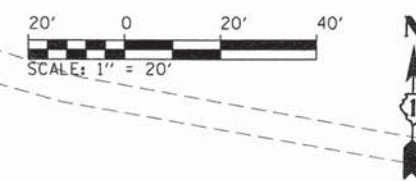
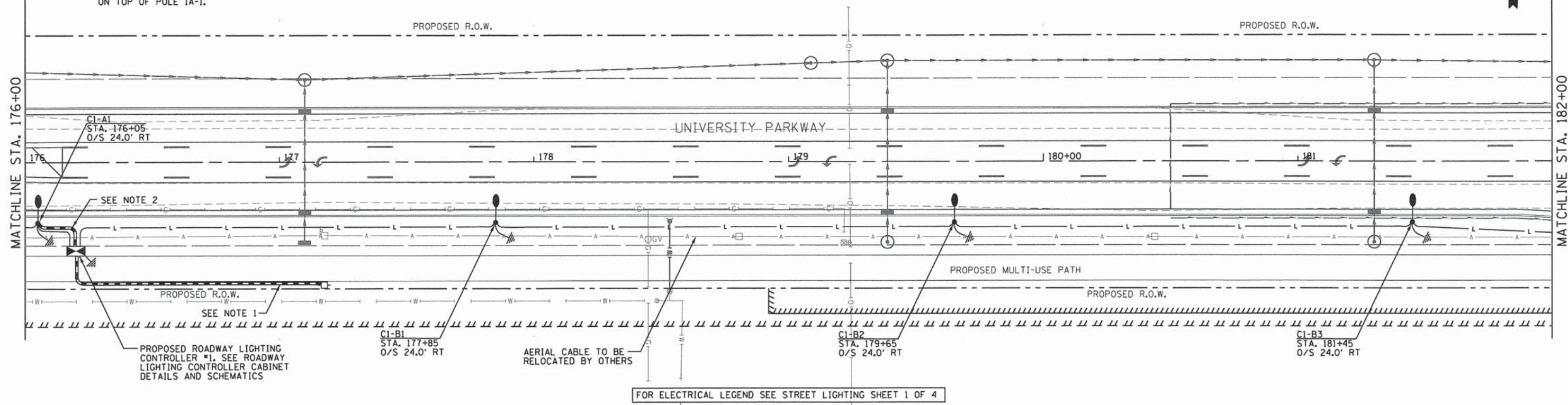
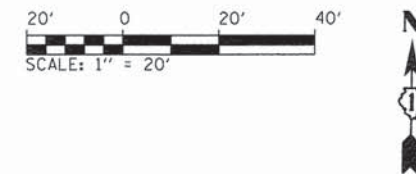
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY LIGHTING PLAN  
UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 1 OF 8 SHEETS STA. 170+00 TO STA. 176+00

F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 74
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				

- NOTES:**
1. PROPOSED 2-#4 XLP-USE, 1-#4 NEUTRAL, 1-#4 GND. IN 2" GRS CONDUIT TO UTILITY POLE. INSTALL 2" GRS RISER PER UTILITY REQUIREMENTS. COST INCLUDED IN ELECTRIC SERVICE INSTALLATION.
  2. PROPOSED 3-#12 XLP-USE, 1-#12 GND. IN 3/4" GRS CONDUIT. INSTALL PHOTOCELL ON TOP OF POLE 1A-1.



L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CADD\_Sheets\Lightup\_8new.dgn  
1/29/2015 - 3:35:58 PM



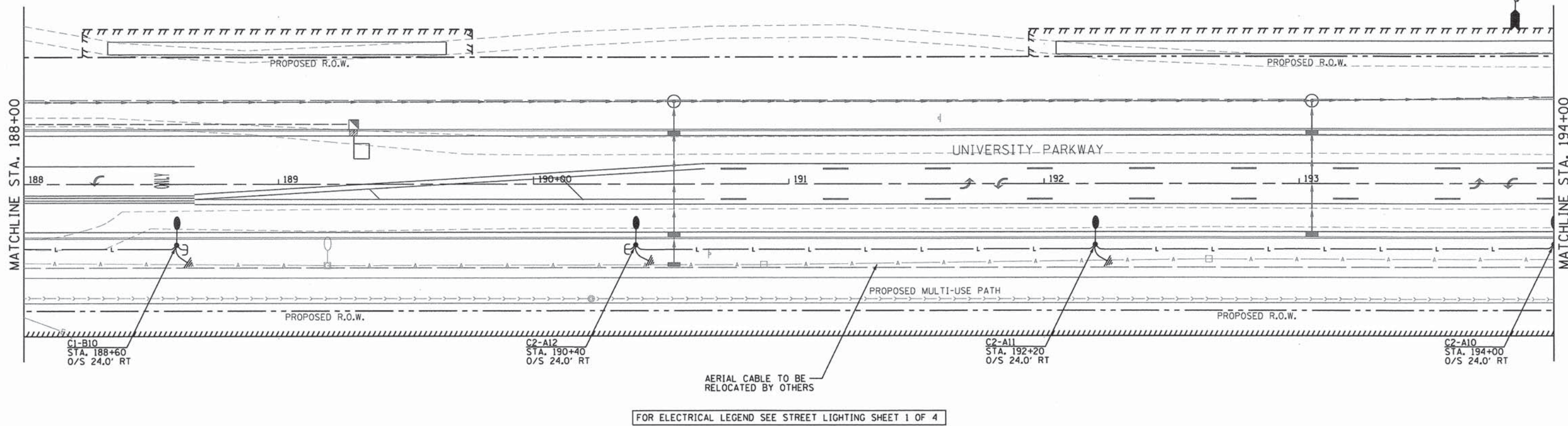
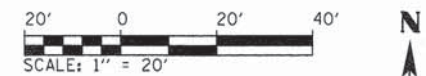
USER NAME = Casey Tobin	DESIGNED - CPT	REVISED -
FILE NAME: lightup_8new.dgn	DRAWN - CPT	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 1/29/2015 - 3:31:58 PM	DATE - 1/30/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

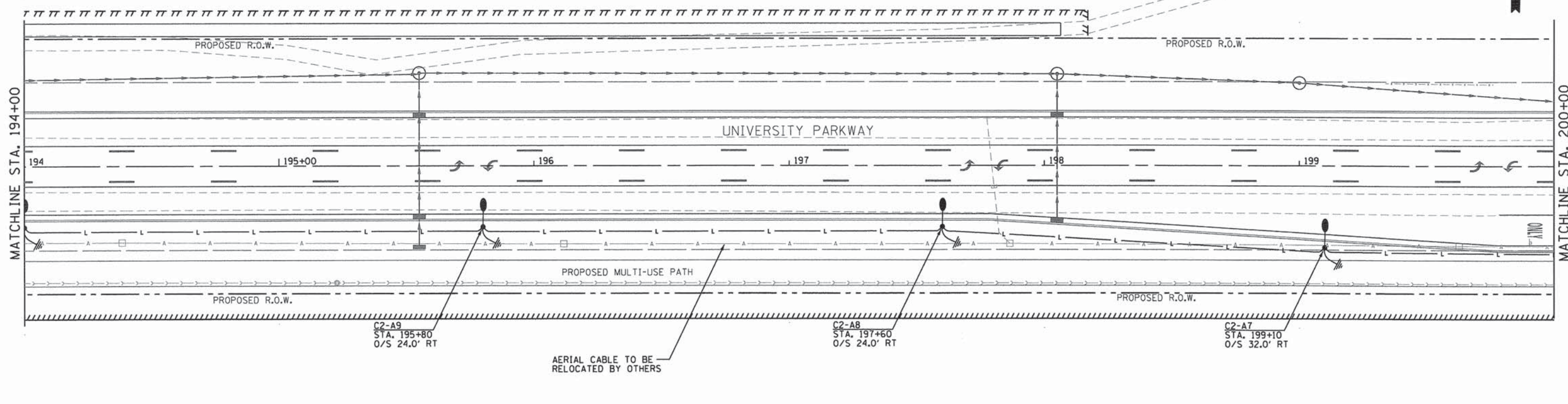
**ROADWAY LIGHTING PLAN  
UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 2 OF 8 SHEETS STA. 176+00 TO STA. 188+00

F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 75
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				



FOR ELECTRICAL LEGEND SEE STREET LIGHTING SHEET 1 OF 4



L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CADD\_Sheets\Lightup\_9new.dgn  
1/29/2015 - 3:32:35 PM



USER NAME = Casey Tobin	DESIGNED - CPT	REVISED -
FILE NAME: lightup_9new.dgn	DRAWN - CPT	REVISED -
PLOT SCALE = 28,0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 1/29/2015 - 3:32:35 PM	DATE - 1/30/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY LIGHTING PLAN  
UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 3 OF 8 SHEETS STA. 188+00 TO STA. 200+00

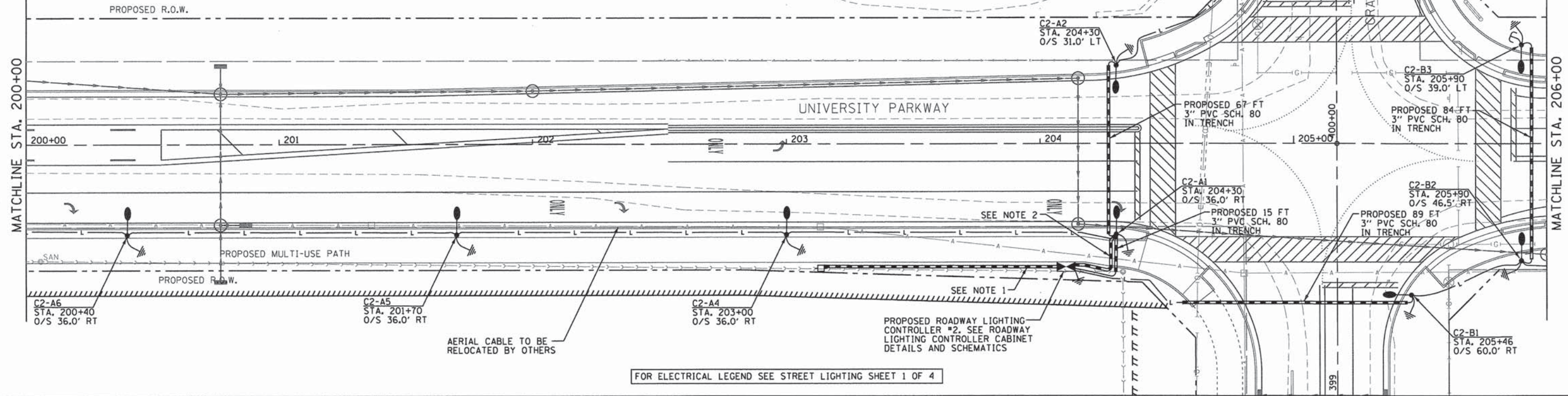
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	76
				CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT				

- NOTES:**
1. PROPOSED 2-#4 XLP-USE, 1-#4 NEUTRAL, 1-#4 GND. IN 2" GRS CONDUIT TO UTILITY POLE. INSTALL 2" GRS RISER PER UTILITY REQUIREMENTS. COST INCLUDED IN ELECTRIC SERVICE INSTALLATION.
  2. PROPOSED 3-#12 XLP-USE, 1-#12 GND. IN 3/4" GRS CONDUIT. INSTALL PHOTOCELL ON TOP OF POLE 2A-1.



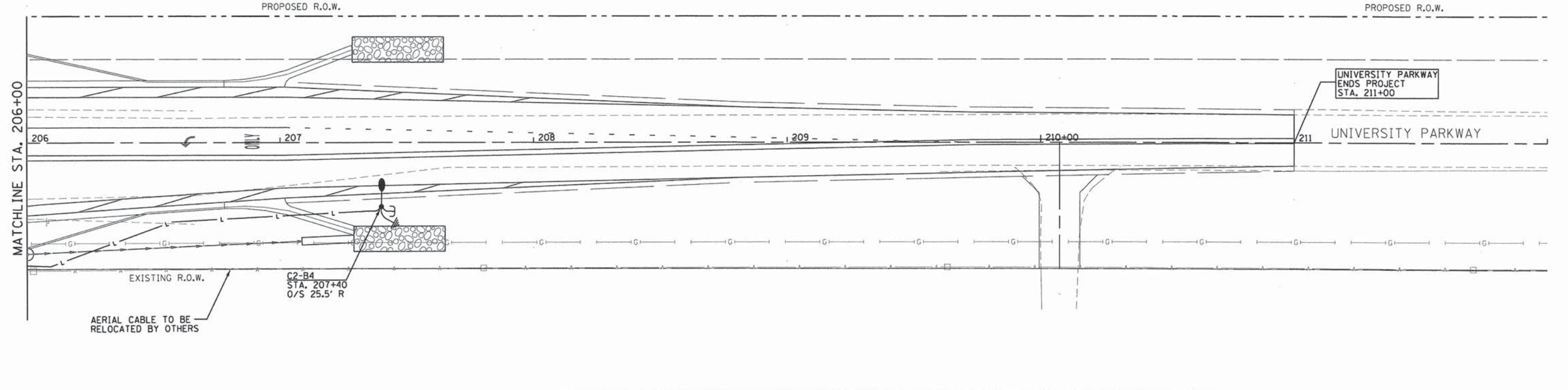
MATCHLINE STA. 200+00

MATCHLINE STA. 206+00



MATCHLINE STA. 206+00

UNIVERSITY PARKWAY ENDS PROJECT STA. 211+00



L:\UNIVPARK\1220-01\_UniversityEast\Sec\Draw\CADD\_Sheets\Lightup\_10new.dgn  
1/29/2015 - 3:35:28 PM



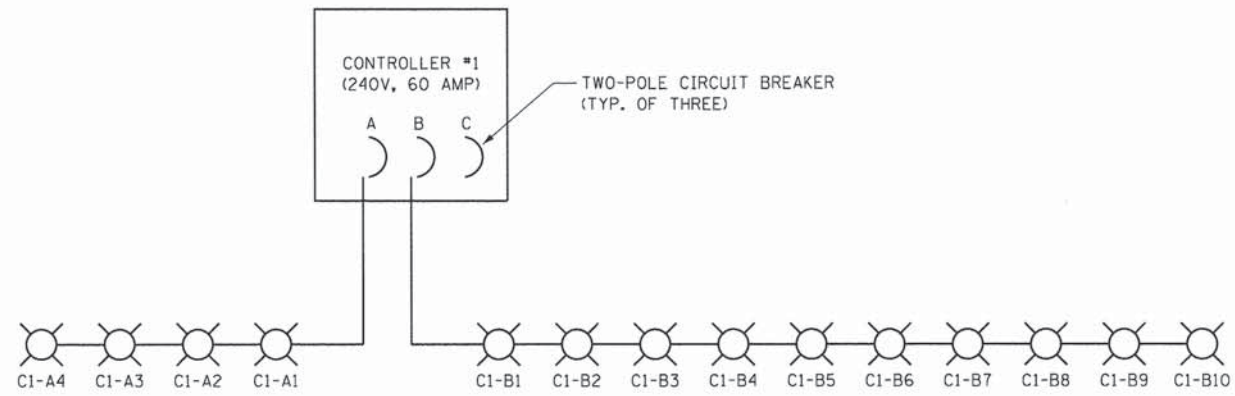
USER NAME = Casey Tobin	DESIGNED - CPT	REVISED -
FILE NAME: lightup_10new.dgn	DRAWN - CPT	REVISED -
PLOT SCALE = 28,0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 1/29/2015 - 3:35:28 PM	DATE - 1/30/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY LIGHTING PLAN  
UNIVERSITY PARKWAY**

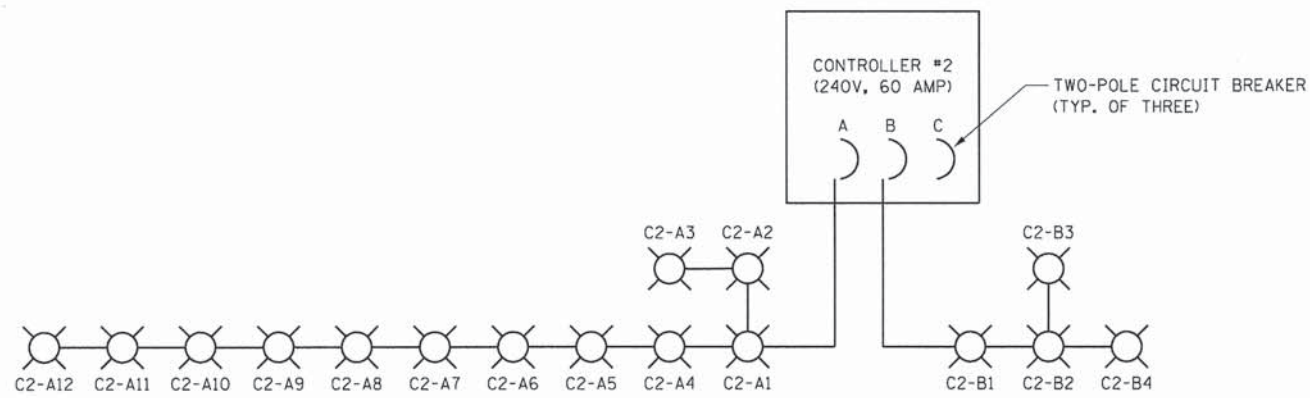
SCALE: 1"=20' SHEET 4 OF 8 SHEETS STA. 200+00 TO STA. 211+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	77
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				



CONTROLLER #1 ONE-LINE

CONTROLLER #1 LOAD SCHEDULE		
CIRCUIT	AMPS	WATTAGE
A	5	1200
B	12.5	3000



CONTROLLER #2 ONE-LINE

CONTROLLER #2 LOAD SCHEDULE		
CIRCUIT	AMPS	WATTAGE
A	15	3600
B	5	1200

I:\UNIVPARK\14220-01\UnivPkw\EastSec\Draw\CADD\_Sheets\elec\_detail.dgn 1/29/2015 3:27:36 PM



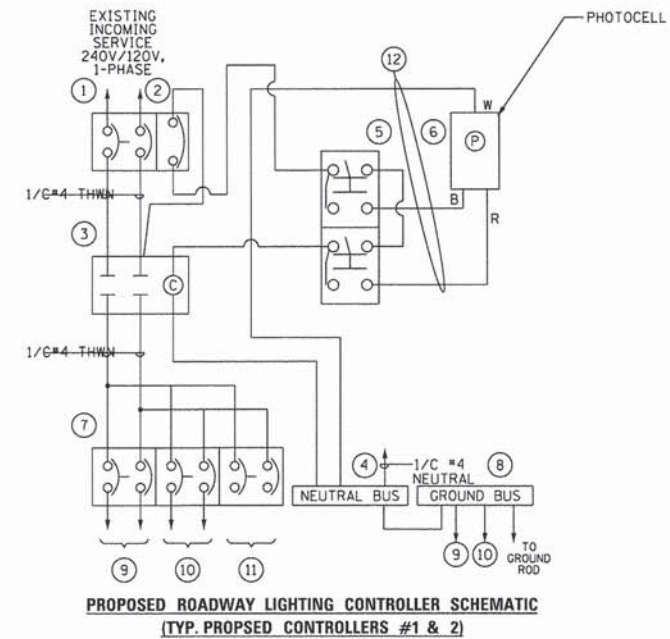
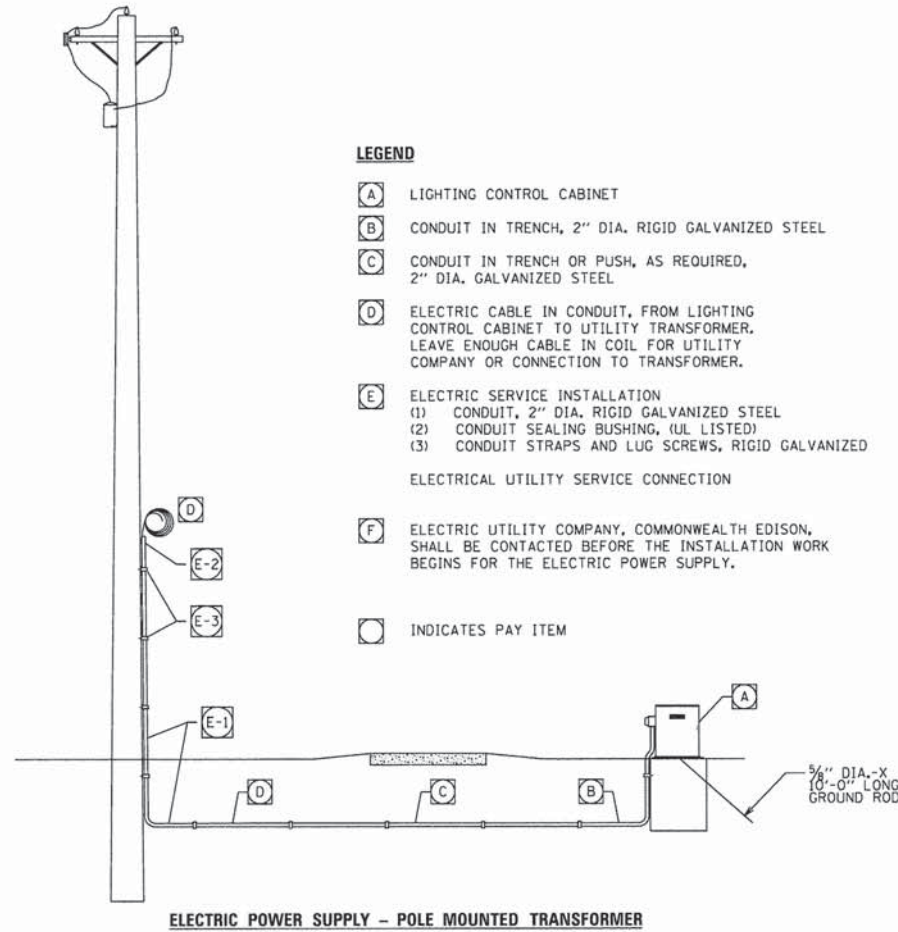
USER NAME = Casey Tobin	DESIGNED - CPT	REVISED -
FILE NAME: elec_detail.dgn	DRAWN - CPT	REVISED -
PLOT SCALE = 1,0000' / 1in.	CHECKED - AB	REVISED -
PLOT DATE = 1/29/2015 - 3:27:36 PM	DATE - 1/30/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING DETAILS  
UNIVERSITY PARKWAY

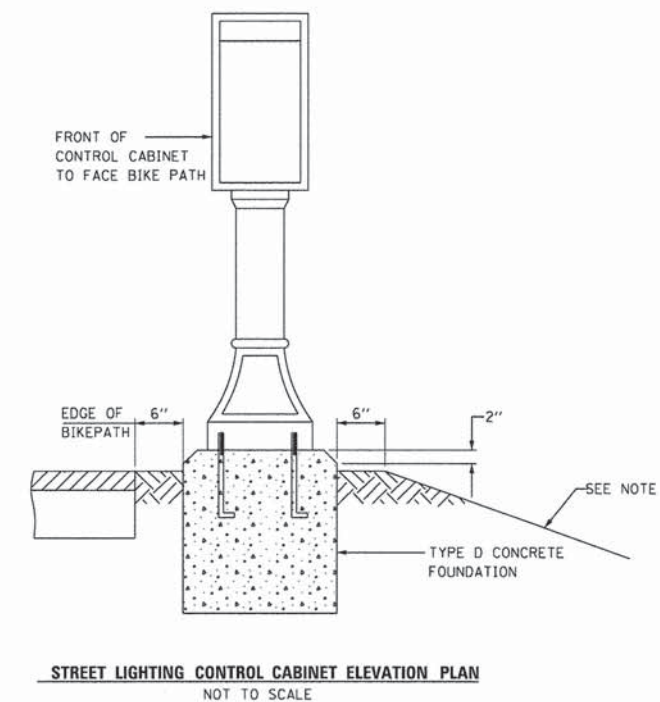
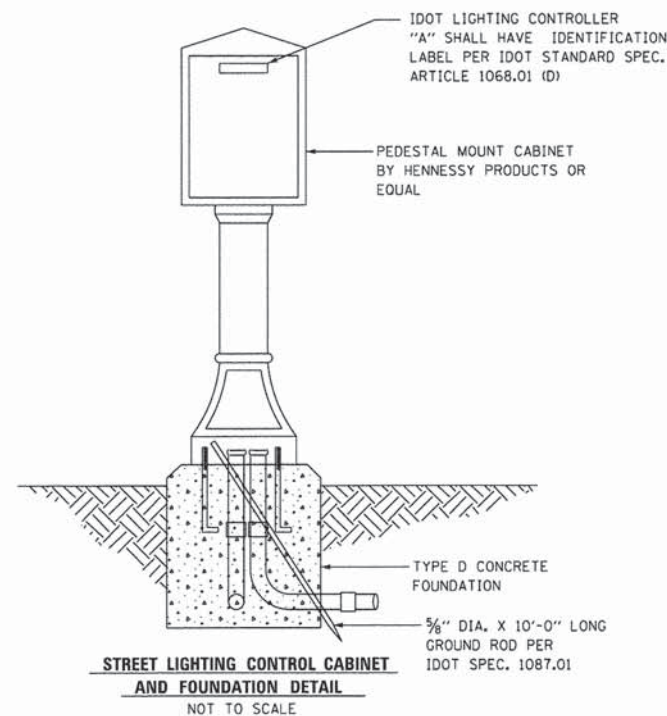
SCALE: N/A SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 1637	SECTION 96-0014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 78
CONTRACT NO. 61A75				ILLINOIS FED. AID PROJECT



- NOMENCLATURE**
- 1 PROPOSED 2P, 60A MAIN BREAKER. BREAKER SHALL BE SQUARE D MODEL FAL22060 (OR EQUAL)
  - 2 PROPOSED 1P, 20A CONTROL BREAKER. BREAKER SHALL BE SQUARE D MODEL FAL12020 (OR EQUAL)
  - 3 PROPOSED 2P, 60A LIGHTING CONTACTOR. CONTACTOR SHALL BE SQUARE D MODEL 8903, SPO-1 WITH 120V COIL (OR EQUAL)
  - 4 PROPOSED NEUTRAL BUS
  - 5 PROPOSED HOA SWITCH. SWITCH SHALL BE SQUARE D MODEL 9001 KYK-111 (OR EQUAL)
  - 6 PROPOSED PHOTOCELL ON POLE. PHOTOCELL SHALL BE 1800W MIN.
  - 7 PROPOSED BRANCH BREAKERS. BREAKERS SHALL BE 2P, 20A SQUARE D MODEL FAL22020 (OR EQUAL)
  - 8 PROPOSED GROUND BUS
  - 9 PROPOSED 2\*4 XLP-USE, 1\*4 GND. IN 1" COND. TO PROPOSED LIGHTING (CIRCUIT A)
  - 10 PROPOSED 2\*4 XLP-USE, 1\*4 GND. IN 1" COND. TO PROPOSED LIGHTING (CIRCUIT B)
  - 11 SPARE BREAKER (CIRCUIT C)
  - 12 PROPOSED 3\*12 THWN, 1\*12 GND. IN 3/4" COND. TO PROPOSED PHOTOCELL

- NOTES**
1. ALL CONDUCTORS SHALL BE 1/C #12 THWN, 600V, UNLESS OTHERWISE NOTED.
  2. SEE ELECTRICAL SHEET 5 FOR LIGHTING CONTROLLER SCHEDULE AND CIRCUITING.



- NOTES**
1. SIDE SLOPE SHALL BE SHAPED TO MATCH FOUNDATION AS DETAILED. GRADING AROUND THE FOUNDATION SHALL BE TRANSITION OVER A DISTANCE OF 10 (TEN) FEET TO ASSUME A CENTER TRANSITION.
  2. IN FRONT OF CONTROL DOOR, (CONTROLLER "2" ONLY), PLACE A 36"x60"x4" CONCRETE PAD ON COMPACTED SUBGRADE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.

L:\UNIVPARK\1220-01\InvPkwy\EastSec\Draw\CADD\_Sheets\elec\_det\ci2.dgn 1/29/2015 3:28:16 PM



USER NAME = Casey Tobin	DESIGNED - CPT	REVISED -
FILE NAME: elec_det\ci2.dgn	DRAWN - CPT	REVISED -
PLOT SCALE = 1,0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 1/29/2015 3:28:16 PM	DATE - 1/30/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

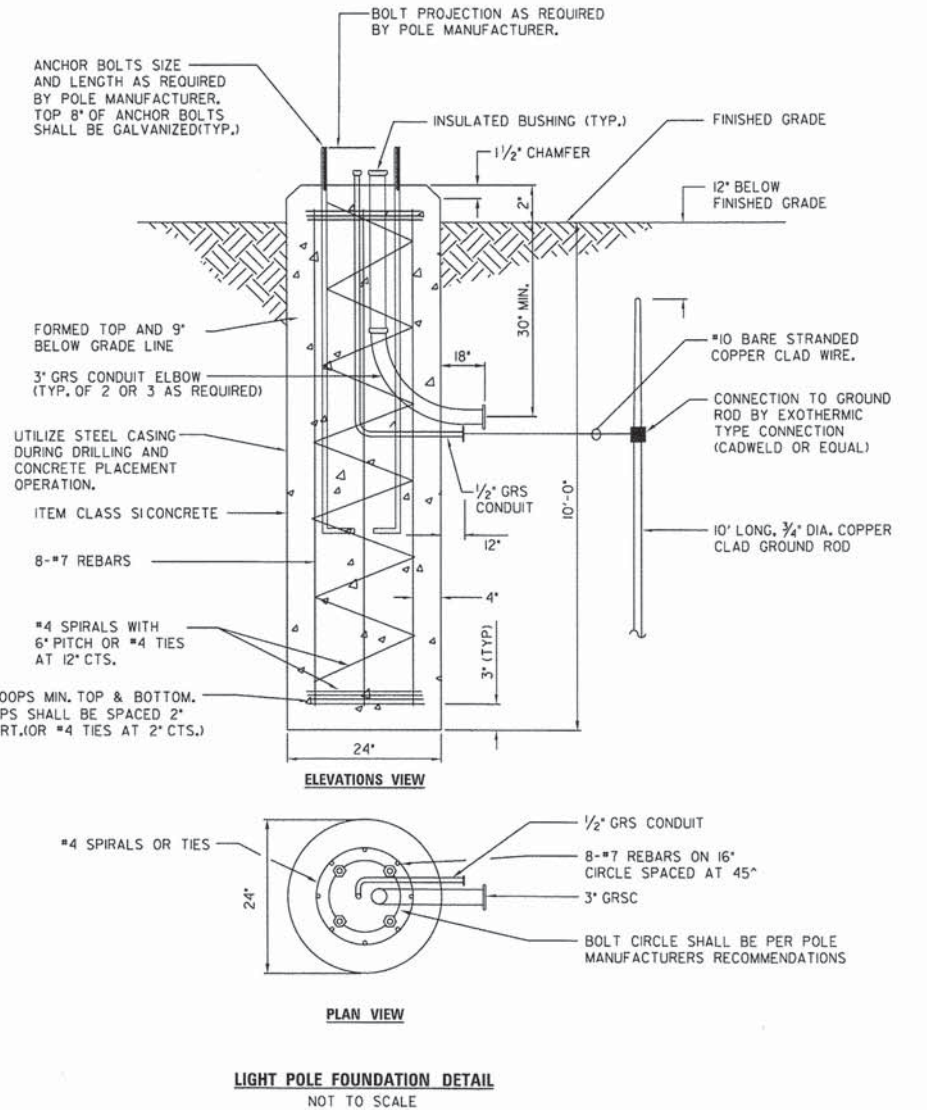
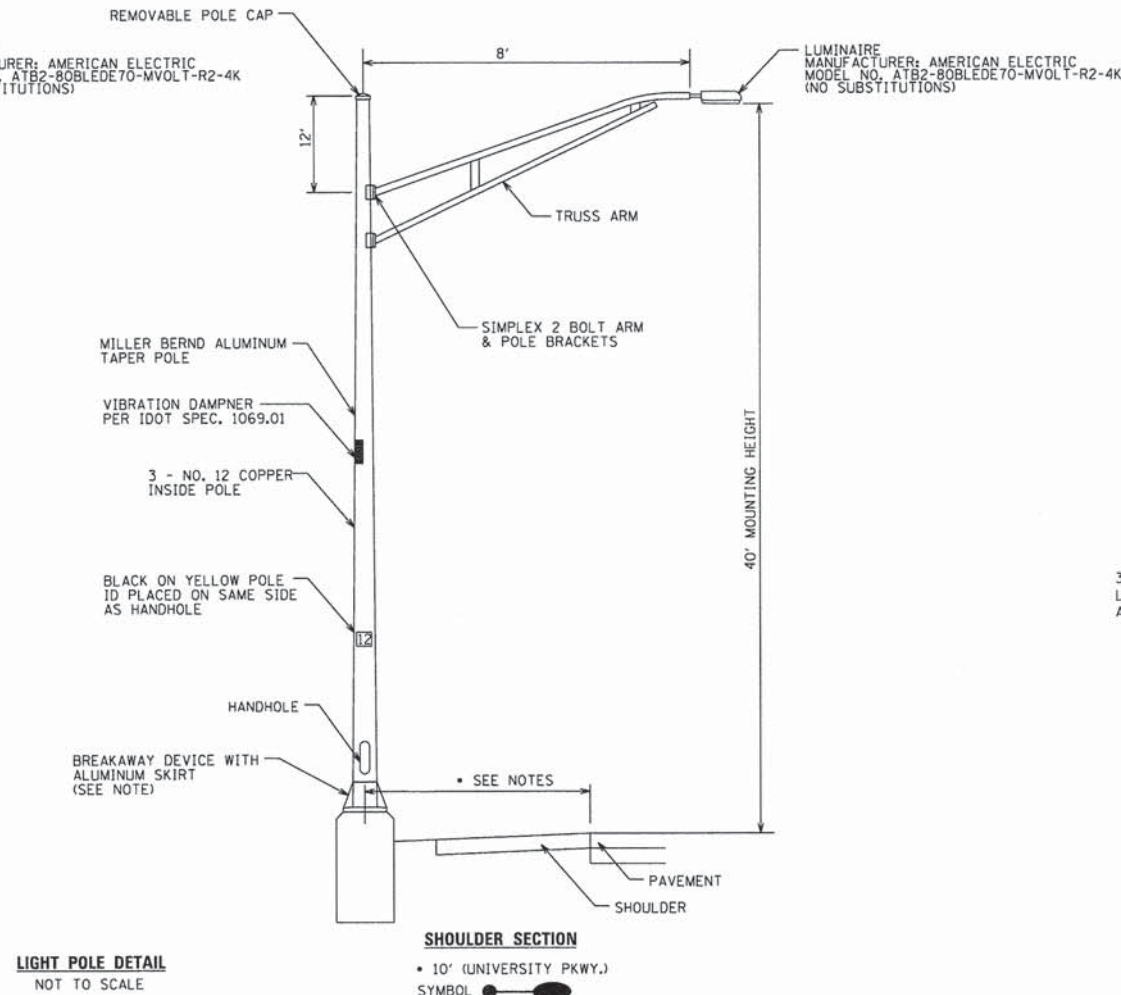
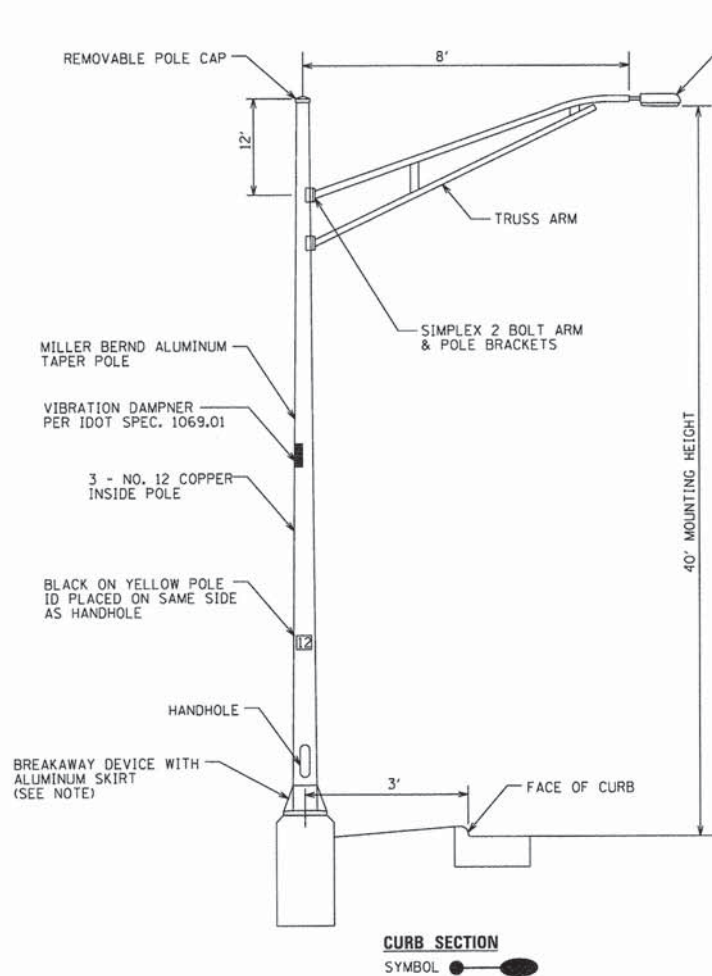
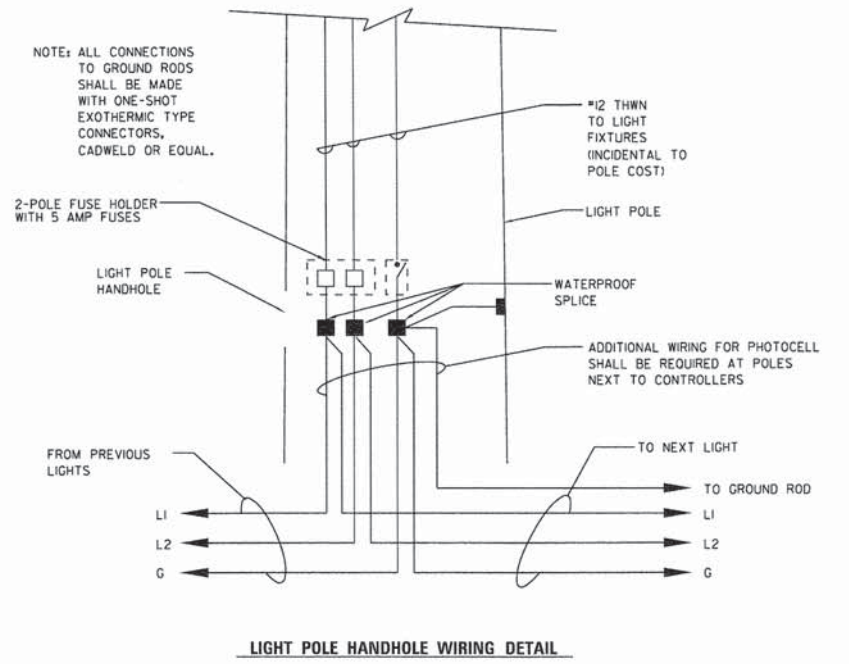
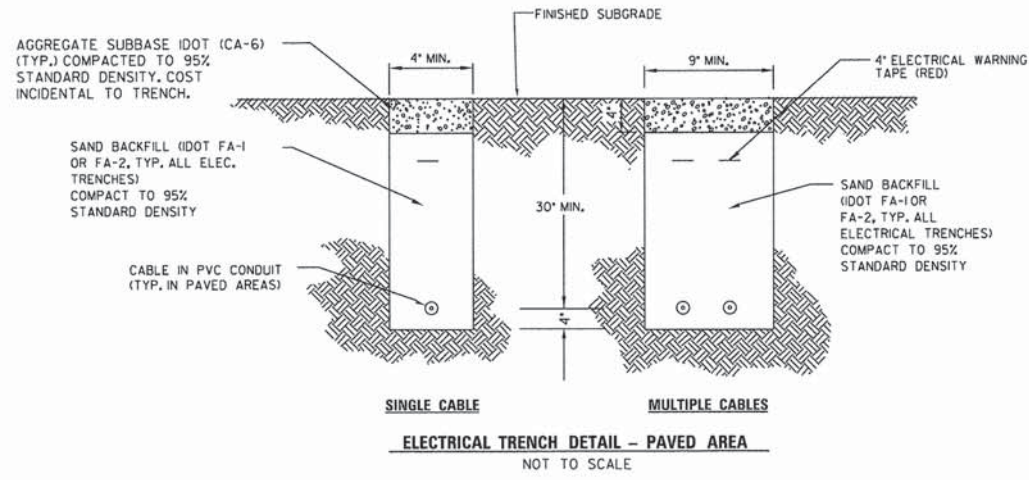
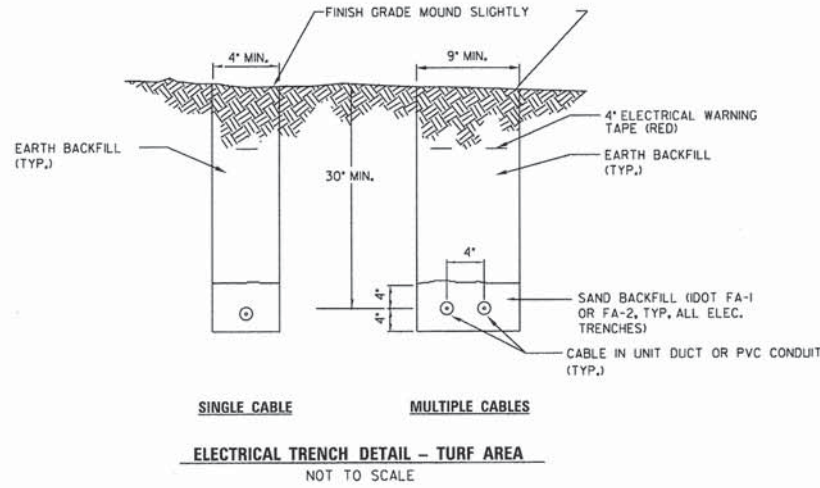
ROADWAY LIGHTING DETAILS  
UNIVERSITY PARKWAY

SCALE: N/A SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	79
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

**NOTES**

- TRENCHES UNDER DRIVEWAYS, SIDEWALKS, CURBS AND GUTTERS OR ANY OTHER CONCRETE OR BITUMINOUS STRUCTURE SHALL BE CONSIDERED PAVED AREA AND BACKFILLED AS DETAILED FOR ELECTRICAL TRENCHES-PAVED AREAS.
- TRENCHES THRU PAVED AREAS SHALL BE BACKFILLED AS DETAILED TO LEFT AND THIS METHOD SHALL BE UTILIZED A MINIMUM OF THREE (3) FEET PAST THE PAVED AREA.



L:\UNIPARK\142200-01\UnivPkwyEastSec\Draw\CA00\_Sheets\elec\_detail3.dgn 1/29/2015 3:29:00 PM



USER NAME = Casey Tobin  
FILE NAME = elec\_detail3.dgn  
PLOT SCALE = 1:0000 "/>

DESIGNED - CPT  
DRAWN - CPT  
CHECKED - AB  
DATE - 1/30/2015

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY LIGHTING DETAILS  
UNIVERSITY PARKWAY**

SCALE: N/A SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	80
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				



# BLANK

I:\UNIVERSITY PARK\1220-01\UnivPkw\FostSec\Draw\CADD\_Sheets\elec\_detail.dgn  
1/29/2015 - 3:30:02 PM



License No. 184-005613 © copyright CMT, Inc.

USER NAME = Casey Tobin	DESIGNED - CPT	REVISED -
FILE NAME: elec_detail4.dgn	DRAWN - CPT	REVISED -
PLOT SCALE = 1:0000' / 1" =	CHECKED - AB	REVISED -
PLOT DATE = 1/29/2015 - 3:30:02 PM	DATE - 1/30/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

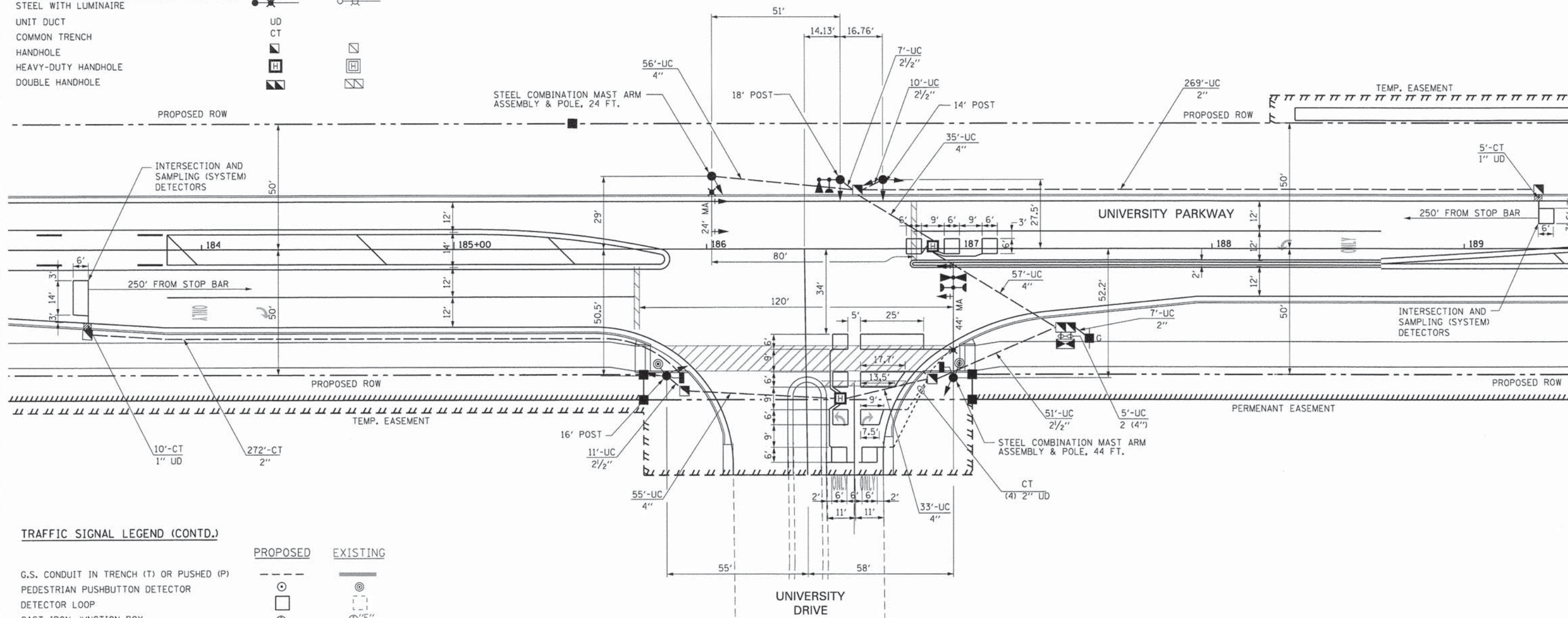
ROADWAY LIGHTING DETAILS  
UNIVERSITY PARKWAY

SCALE: N/A SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	81
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
MAST ARM ASSEMBLY AND POLE, ALUMINUM		
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE		
UNIT DUCT		
COMMON TRENCH		
HANDHOLE		
HEAVY-DUTY HANDHOLE		
DOUBLE HANDHOLE		



**TRAFFIC SIGNAL LEGEND (CONTD.)**

	PROPOSED	EXISTING
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)		
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP		
CAST IRON JUNCTION BOX		
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED		
CONDUIT SPLICE		
WOOD POLE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RAILROAD CONTROL CABINET		
TELEPHONE CONNECTION		
ILLUMINATED SIGN "NO LEFT TURN"		
ILLUMINATED SIGN "NO RIGHT TURN"		

**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, MEDIAN, 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.

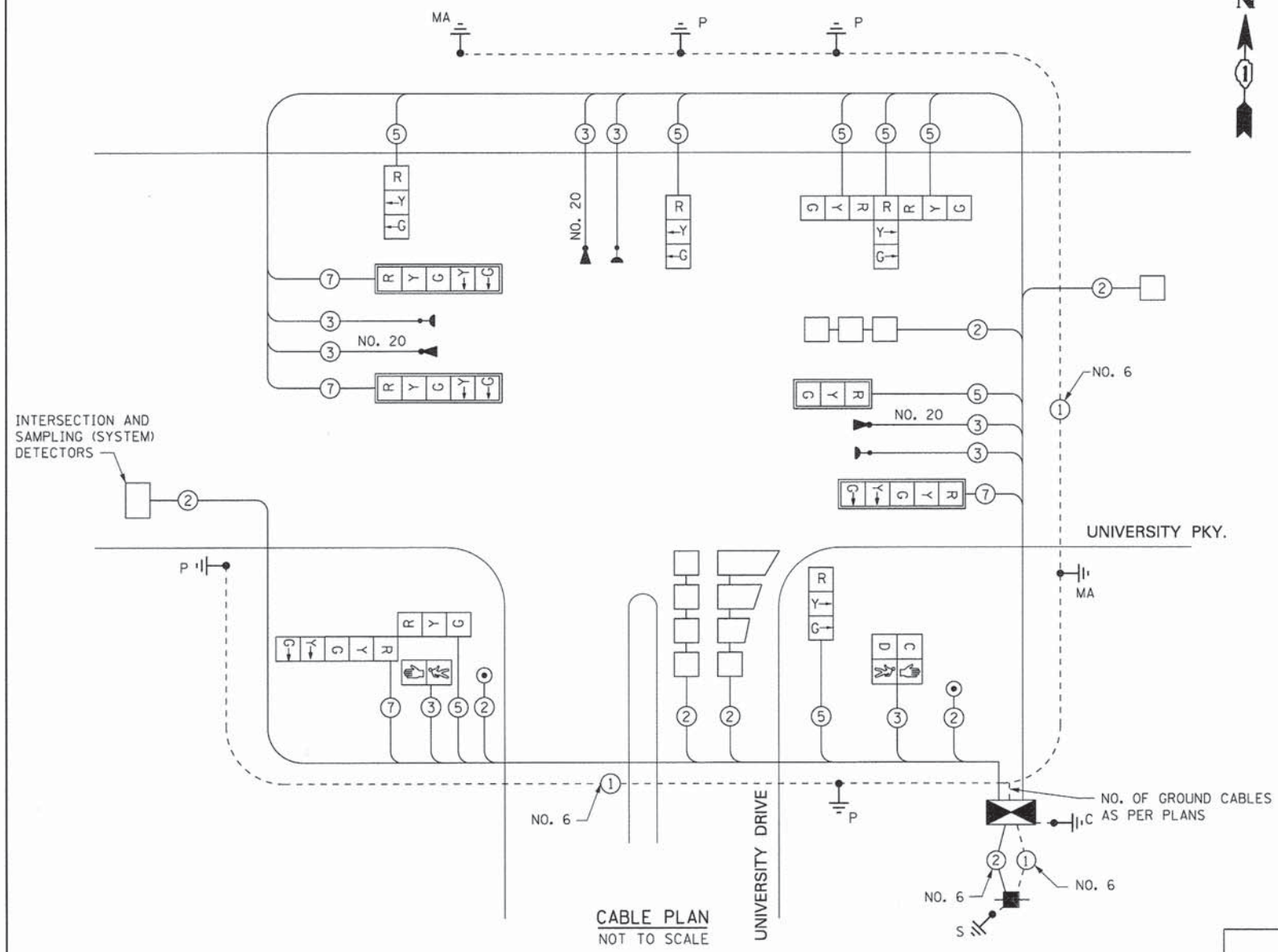
L:\UNIVPARK\4220-01\UnivPkwyEast\Sec\Draw\CADD\_Sheets\ts16\_Univpkwy\_Sgnl.dgn 1/29/2015

	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL INSTALLATION PLAN</b> <b>UNIVERSITY PARKWAY</b>		F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 82
	FILE NAME: ts16_Univpkwy_Sgnl.dgn	DRAWN - AS	REVISED -		SCALE: 1" = 20"	SHEET 1 OF 3 SHEETS	STA. TO STA.	<b>CONTRACT NO. 61A75</b> <small>[ILLINOIS] FED. AID PROJECT</small>			
	PLOT SCALE = 20.0000' / 1"	CHECKED - KDN	REVISED -								
	PLOT DATE = 1/29/2015 4:35:47 PM	DATE - 1/16/2015	REVISED -								

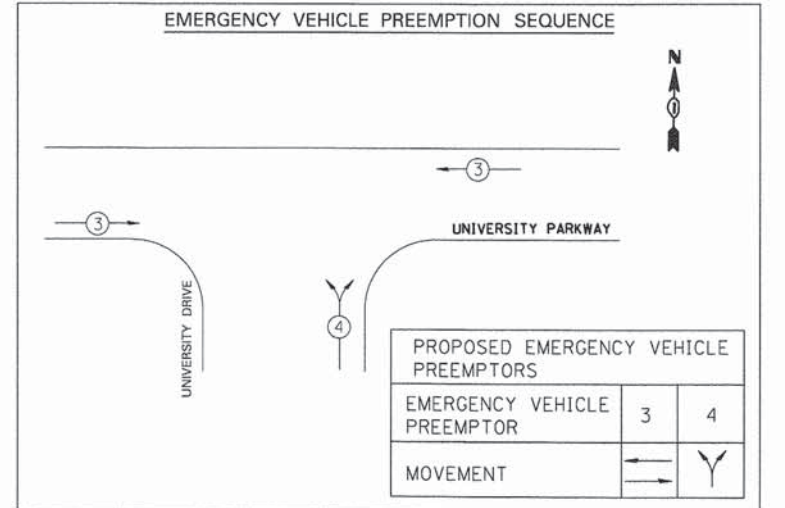
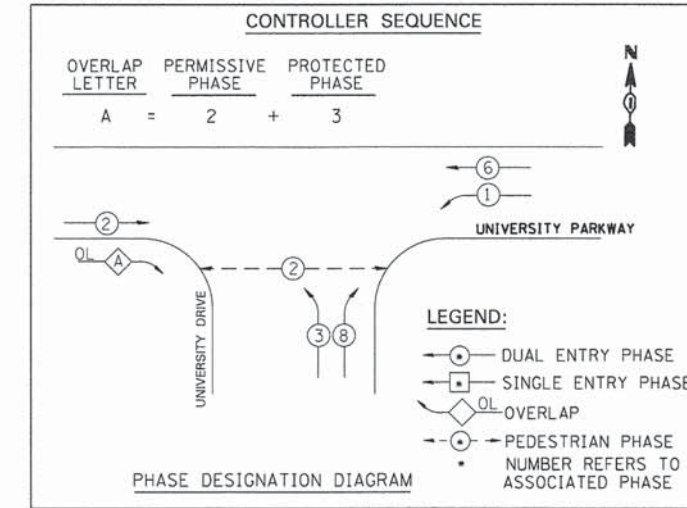
SCHEDULE OF QUANTITIES

PAY ITEM	UNITS	TOTAL
UNDERGROUND CONDUIT, 2" DIA., GALVANIZED STEEL	FOOT	548
UNDERGROUND CONDUIT, 2 1/2" DIA., GALVANIZED STEEL	FOOT	79
UNDERGROUND CONDUIT, 4" DIA., GALVANIZED STEEL	FOOT	246
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	195
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	750
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1215
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	600
ELECTRIC CABLE IN CONDUIT NO. 20 3/C	FOOT	423
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1000
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	68
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	534
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	9
CONCRETE FOUNDATION, TYPE D	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	23
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	4
INDUCTIVE LOOP DETECTOR	EACH	4
DETECTOR LOOP, TYPE I	FOOT	534
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	2
SERVICE INSTALLATION, POLE MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED 1-FACE, BRACKET MOUNTED W/ COUNTDOWN TIMER	EACH	2

• 100% COST TO THE VILLAGE OF UNIVERSITY PARK



CABLE PLAN NOT TO SCALE



NOTE: EQUIPMENT GROUND CONDUCTOR (GREEN COLOR CODED) SPLICE TO FRAME AND COVER IS REQUIRED FOR ALL HANDHOLES AND DOUBLE HANDHOLES THAT CARRY SIGNAL CABLES AND SERVICE CABLES.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND	LED	% OPERATION	
SIGNAL (RED)	12	135	17	0.50	93.5
(YELLOW)	8	135	25	0.25	43.75
(GREEN)	8	135	15	0.25	26.25
ARROW	12	135	12	0.10	14.4
PED. SIGNAL	2	90	25	1.00	50.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN		84	35	0.05	-
FLASHER		135	25	0.50	
TOTAL =					370.8

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

FOUNDATION (DEPTH) (FT.) (m)	CABLE SLACK (FT.) (m)	CABLE SLACK (FT.) (m)	CABLE SLACK (FT.) (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)
E - M. ARM POLE		SIGNAL POST	2 (0.6)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)
		ELECTRIC SERVICE	1 (0.5)
		GROUND CABLE	1 (0.5)
		POST MOUNTED	6 (1.8)

	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
	FILE NAME: ts17_Unispkwy Cbl.dgn	DRAWN - AS	REVISED -
	PLOT SCALE = 20,0000' / in.	CHECKED - KDN	REVISED -
	PLOT DATE = 1/29/2015 4:39:32 PM	DATE - 1/16/2015	REVISED -

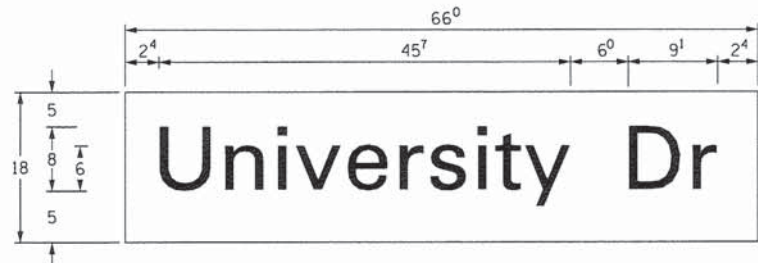
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND SCHEDULE OF QUANTITIES UNIVERSITY DRIVE AND UNIVERSITY PARKWAY

SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

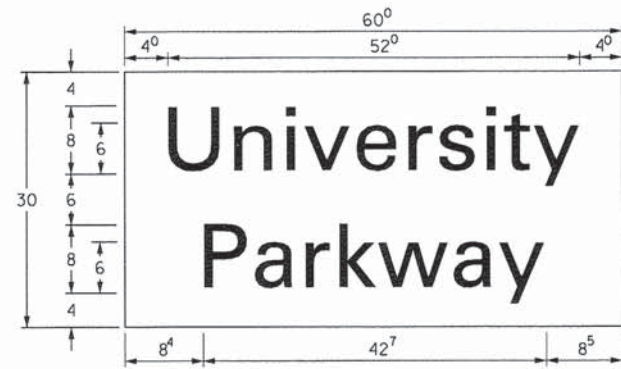
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	83
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

L:\UNIVPARK\14220-01 UnivPkwyEastSec\Draw\CAADD\_Sheets\ts17\_Unispkwy Cbl.dgn 1/29/2015



8.25 Sq. Ft. each  
2 Required  
Design Series C

PANEL SIGN DESIGN TYPE 1



12.5 Sq. Ft. each  
1 Required  
Design Series D

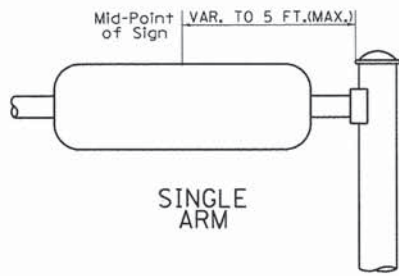
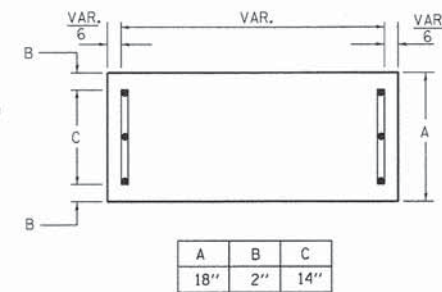
PANEL SIGN DESIGN TYPE 2

NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS

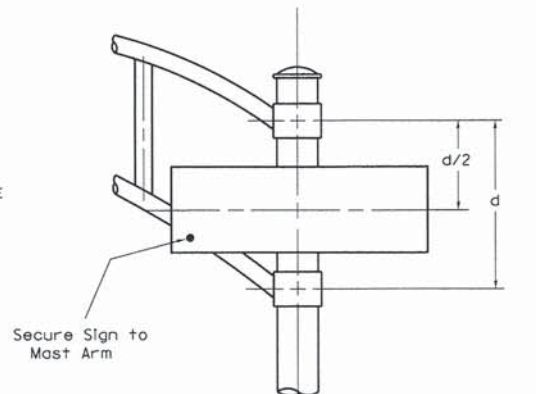
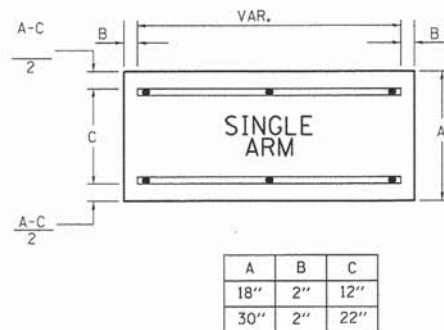
GENERAL NOTES

- 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.
  - THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 6'-0".
  - ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
  - SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:
    - A.K.T. CORPORATION, SCHAUMBURG, IL
    - TUCKER COMPANY, INC., WAUWATOSA, WI
    - AMERICAN FABRICATION CO., CHICAGO HEIGHTS, IL
    - WESTERN TRAFFIC CONTROL INC., CICERO, IL
- PARTS LISTING:  
SIGN CHANNEL PART \*HPN053 (MED. CHANNEL)  
SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3  
BRACKETS SELF TAPPING WITH NEOPRENE WASHER PART \*HPN034 (UNIVERSAL)  
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING  
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

SUPPORTING CHANNELS



SUPPORTING CHANNELS



DUAL ARM

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

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

EXAMPLE, 2<sup>3</sup> DENOTES 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 l 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
i 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										
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 6	1 7	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 5	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 5	0 5	0 6	1 2	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 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

UPPER AND LOWER CASE LETTER WIDTHS

LETTERS	6 INCH UPPER CASE LETTERS		8 INCH UPPER CASE LETTERS		LETTERS	6 INCH LOWER CASE LETTERS	
	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

L:\UNIVPARK\14220-01\UnivPkwyEastSec\Draw\CA000\_Sheets\ts21\_SigSign-L.dgn  
1/23/2015



USER NAME = Kristin Timmons  
FILE NAME: ts21\_SigSign-L.dgn  
PLOT SCALE = 20.000 / in.  
PLOT DATE = 1/29/2015 4:39:32 PM

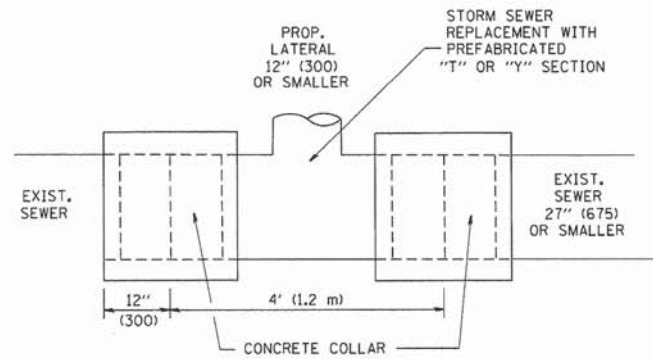
DESIGNED - AS  
DRAWN - AS  
CHECKED - KDN  
DATE - 1/16/2015

REVISED -  
REVISED -  
REVISED -  
REVISED -

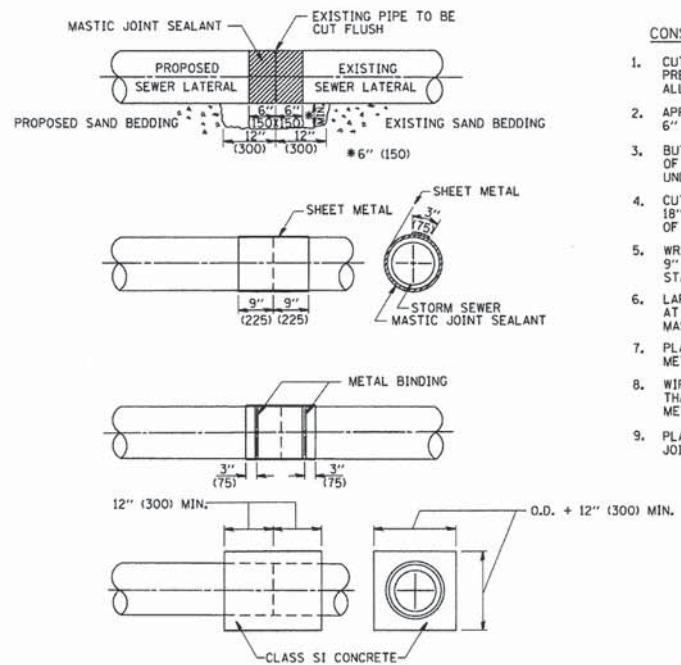
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT 1  
MAST ARM MOUNTED STREET NAME SIGNS  
SCALE: N/A SHEET 3 OF 3 SHEETS STA. TO STA.

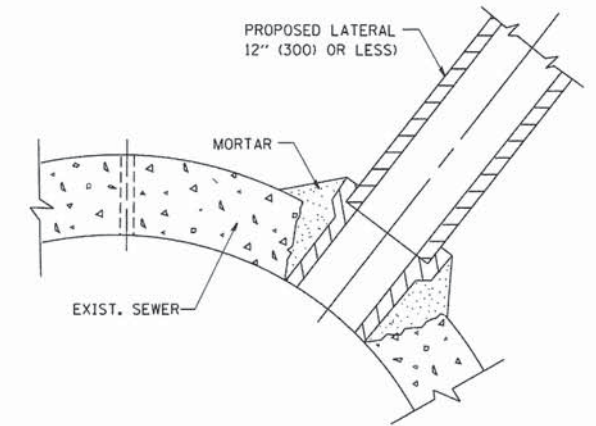
F.A.U. RTE. 1637 SECTION 96-00014-01-PV COUNTY WILL TOTAL SHEETS 119 SHEET NO. 84 CONTRACT NO. 61A75 ILLINOIS FED. AID PROJECT



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



**DETAIL "B"**  
CLASS SI CONCRETE COLLAR



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

**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 1.1 (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 OZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

**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:\dotstd\22x34\bd07.dgn	USER NAME = gnglionbt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92
		DRAWN -	REVISED - R. SHAH 09-09-94
		CHECKED -	REVISED - R. SHAH 10-25-94
		DATE - 07-25-90	REVISED - R. SHAH 06-12-96

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. BD500-01 (BD-7)		
				FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT		

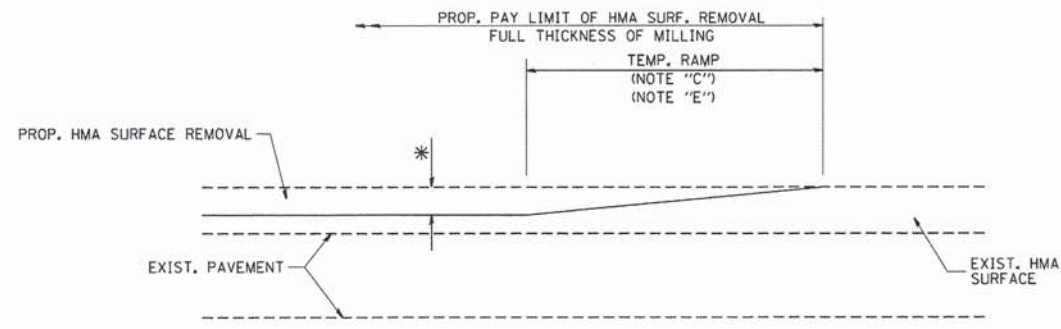
L:\UNIVPARK\4220-01\UnivPkwyEast\Sec\Draw\CAADD\_Sheets\NDOT\_detail01.dgn 1/30/2015



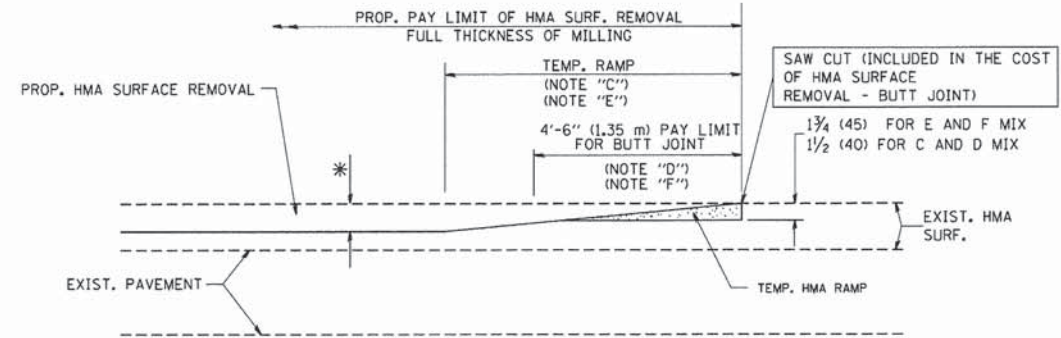
USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 01.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60,0000' / IN.	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 9:30:00 AM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

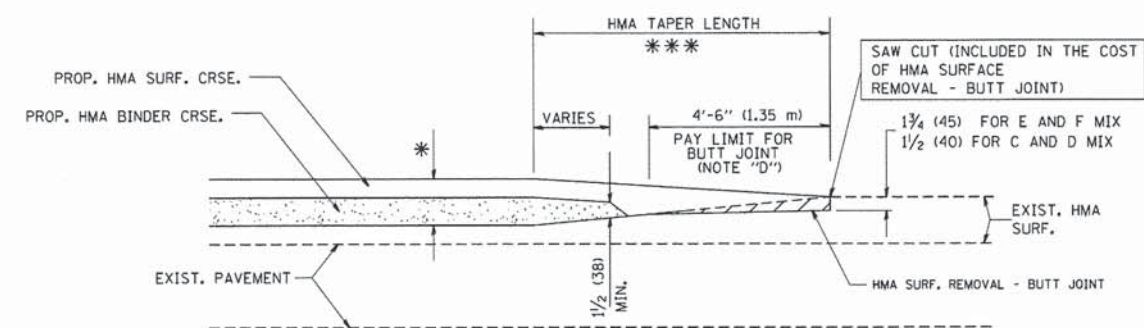
<b>IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET 1 OF 17 SHEETS	STA.	TO STA.	CONTRACT NO. 61A75		
				[ILLINOIS] FED. AID PROJECT		



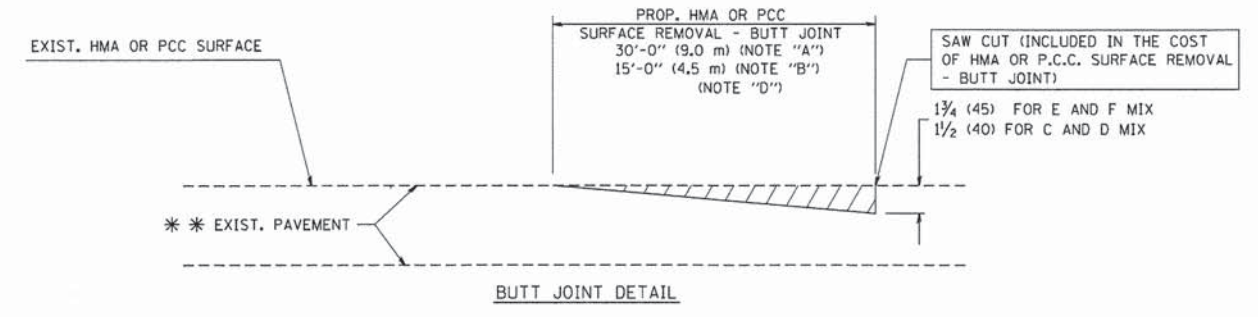
**OPTION 1**



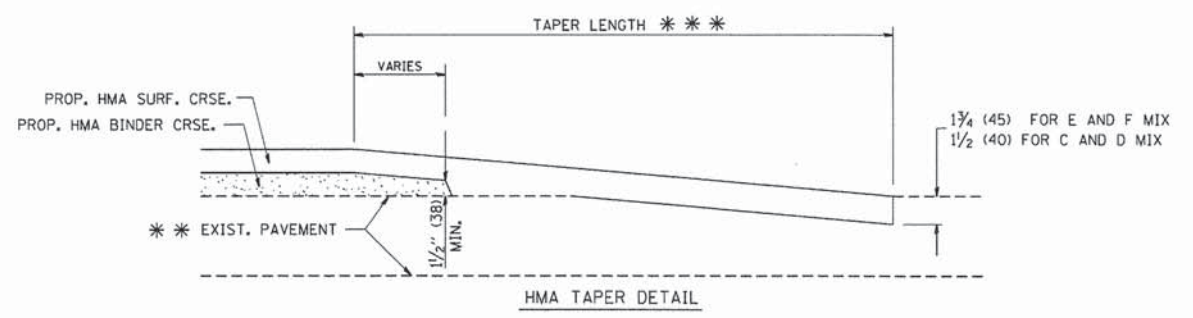
**OPTION 2**  
**TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

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

**NOTES**

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

**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:\dotstd\22x34\bd32.dgn	USER NAME = gaglianob	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / 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**

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

L:\UNIVPARK\14220-01\UnivPkwyEast\Sec\Draw\CADD\_Sheets\DOT\_detail02.dgn 1/29/2015

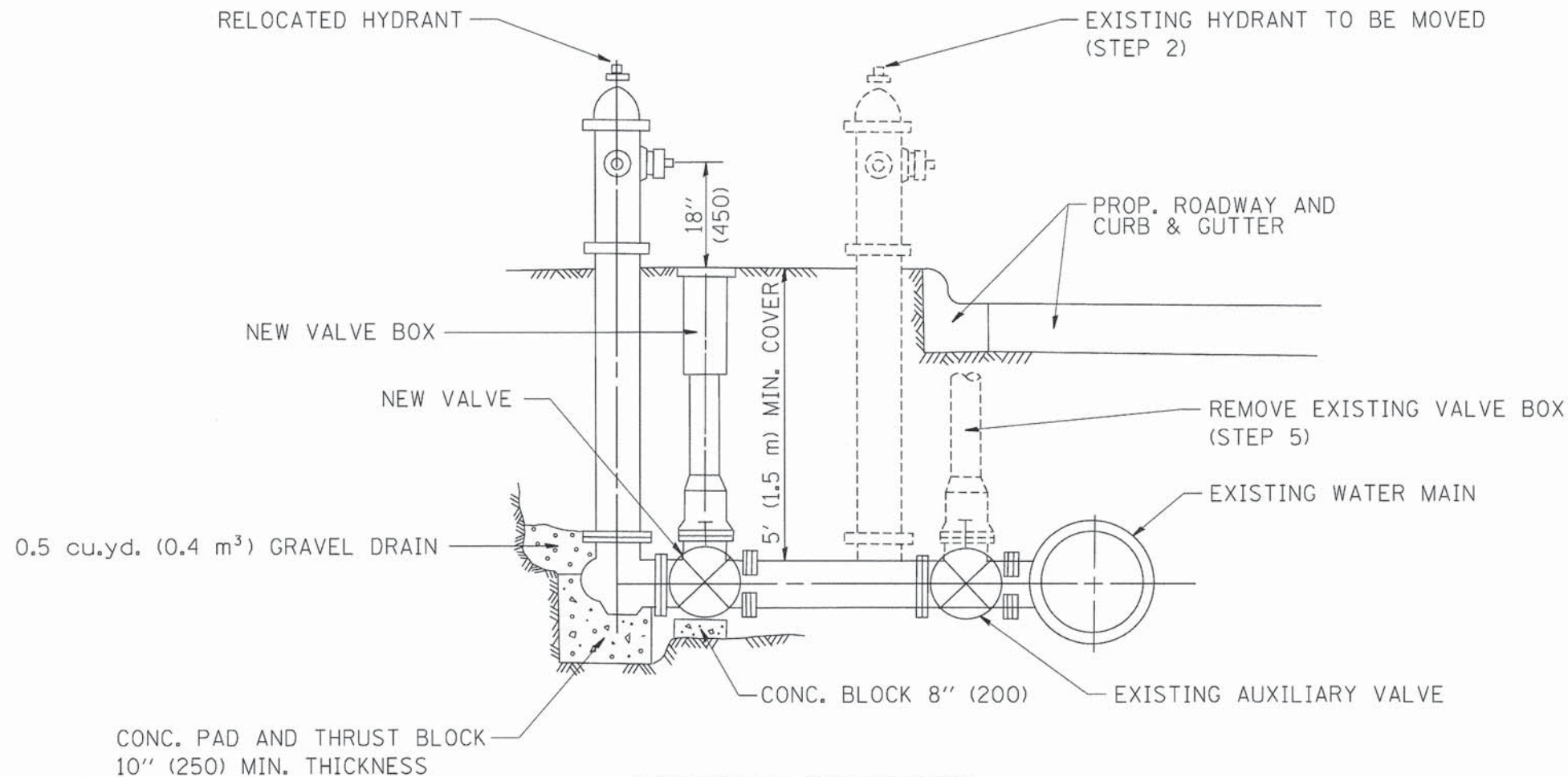


USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: IDOT_detail_02.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 50.0000' / IN.	CHECKED - KDN	REVISED -
PLOT DATE = 1/29/2015 5:07:48 PM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IDOT D1 STANDARD DRAWINGS  
UNIVERSITY PARKWAY**

SCALE:	SHEET 2 OF 17 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1637	96-00014-01-PV	WILL	119	86
			CONTRACT NO. 61A75				
			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:\diststd\22x34\bd36.dgn	USER NAME = geglennob	DESIGNED - DRAWN -	REVISED - R, SHAH 09-09-94 REVISED - R, SHAH 10-25-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FIRE HYDRANT TO BE MOVED</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 50.0000' / IN.	CHECKED -	DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD-36	CONTRACT NO.		
PLOT DATE = 1/4/2008	DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

L:\UNIVPARK\14220-01\UnivPkwyEast\Sec\Draw\CA00\_Sheets\DOT\_detail03.dgn 1/30/2015

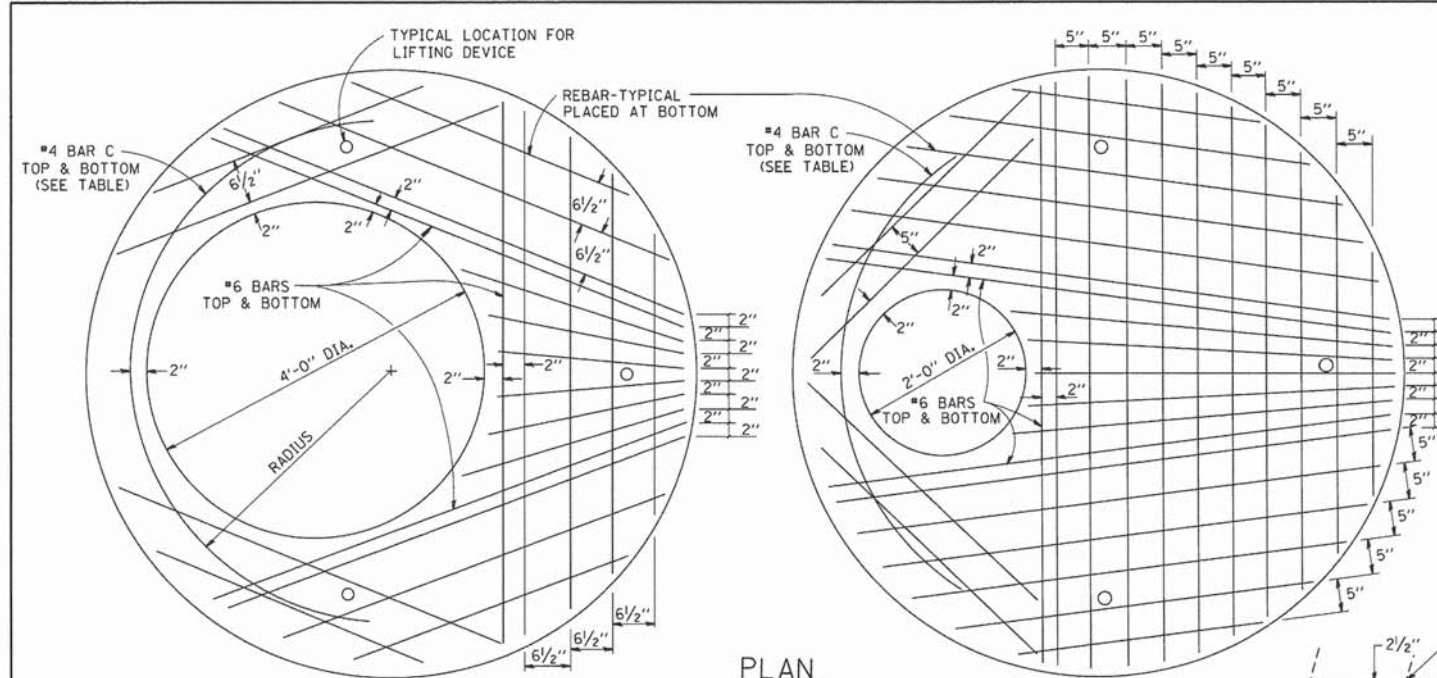


USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 03.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 8:38:04 AM	DATE - 1/16/2015	REVISED -

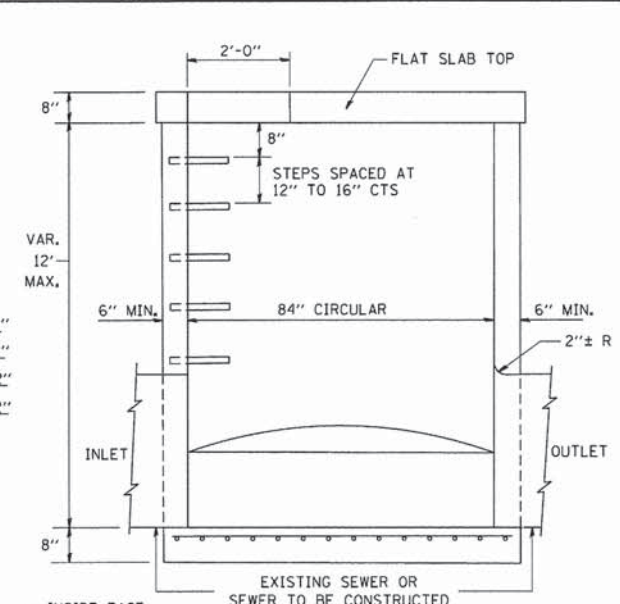
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IDOT D1 STANDARD DRAWINGS  
UNIVERSITY PARKWAY**

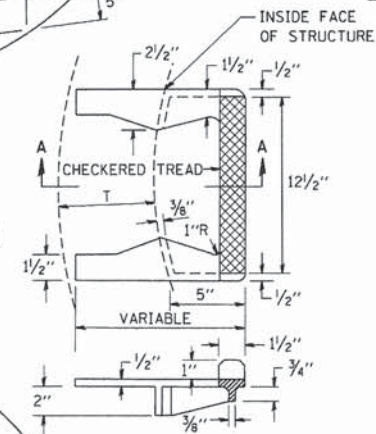
SCALE:	SHEET 3 OF 17 SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				1637	96-00014-01-PV	WILL	119	87
				CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT								



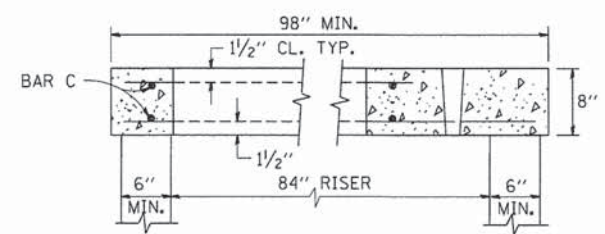
PLAN  
SHOWING REBAR REINFORCEMENT



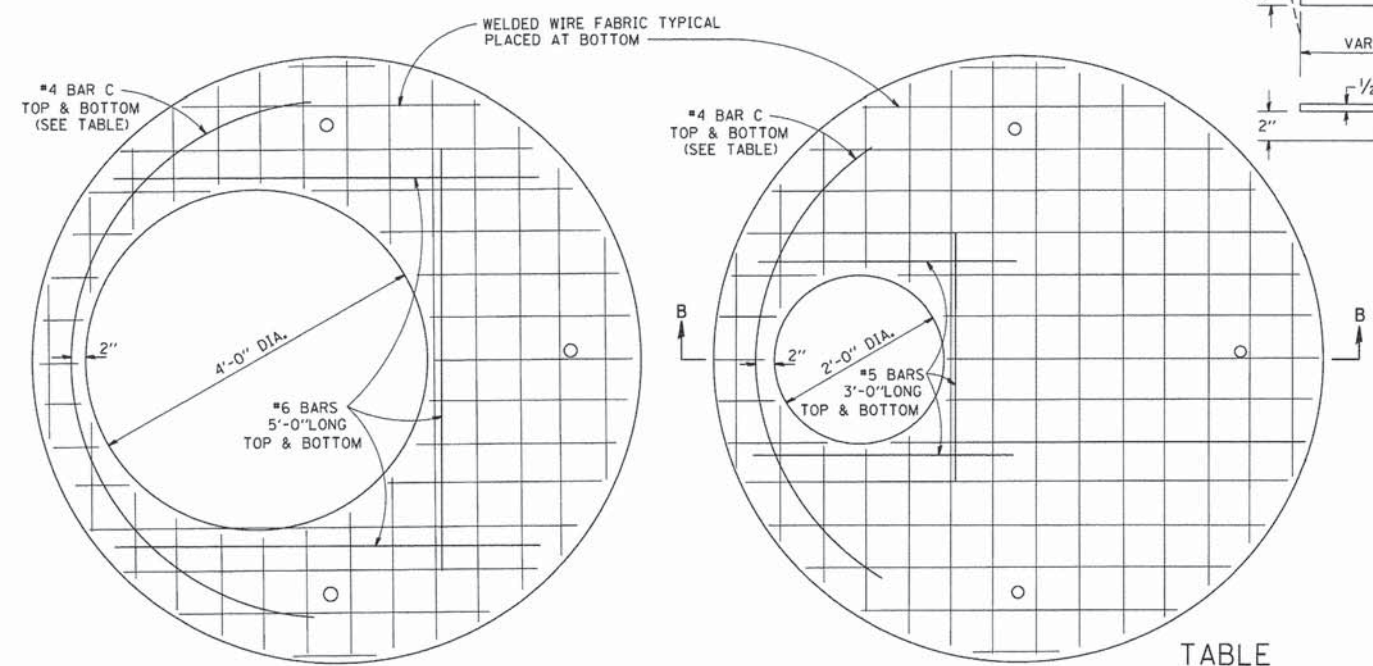
ELEVATION



SEC. A-A  
CAST IRON STEPS



SECTION B-B

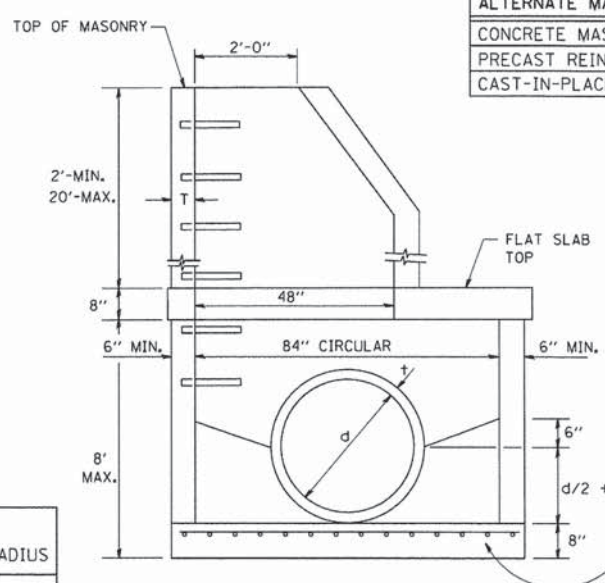


PLAN  
SHOWING WELDED WIRE FABRIC REINFORCEMENT

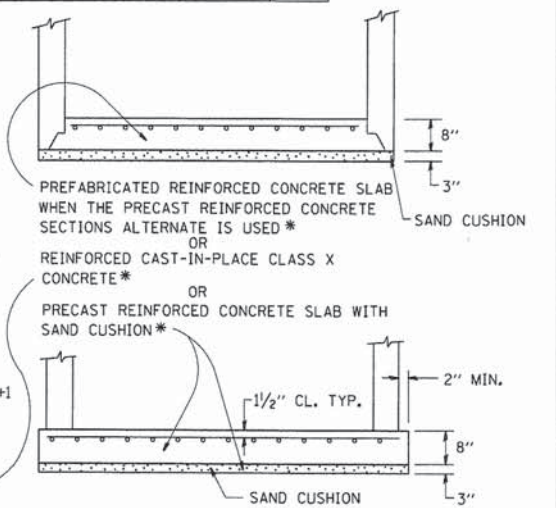
DIAMETER OF OPENING	REINFORCEMENT "A <sub>c</sub> " WWF EACH DIRECTION	OR BAR SIZE	BAR C		
			SIZE	LENGTH	RADIUS
2'-0"	1.06 SQ. IN./LIN. FT.	#6	#4	6'-0"	38"
4'-0"	0.82 SQ. IN./LIN. FT.	#6	#4	9'-0"	38"

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

ALTERNATE MATERIALS FOR RISERS	(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 \*

REINFORCED CAST-IN-PLACE CLASS X CONCRETE \*

OR PRECAST REINFORCED CONCRETE SLAB WITH SAND CUSHION \*

FILE NAME =	USER NAME = goglionobt	DESIGNED -	REVISED -
W:\distsd\22+34\bd37.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE - 10-18-02	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BD600-11	(BD-37)	CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

L:\UNIVPARK\14220-01\univpkwy\east\sec\Draw\CADD\_Sheets\DOT\_detail04.dgn 1/30/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 04.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000' / IN.	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 8:40:09 AM	DATE - 1/16/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IDOT D1 STANDARD DRAWINGS  
UNIVERSITY PARKWAY

SCALE:	SHEET 4 OF 17 SHEETS	STA. TO STA.
--------	----------------------	--------------

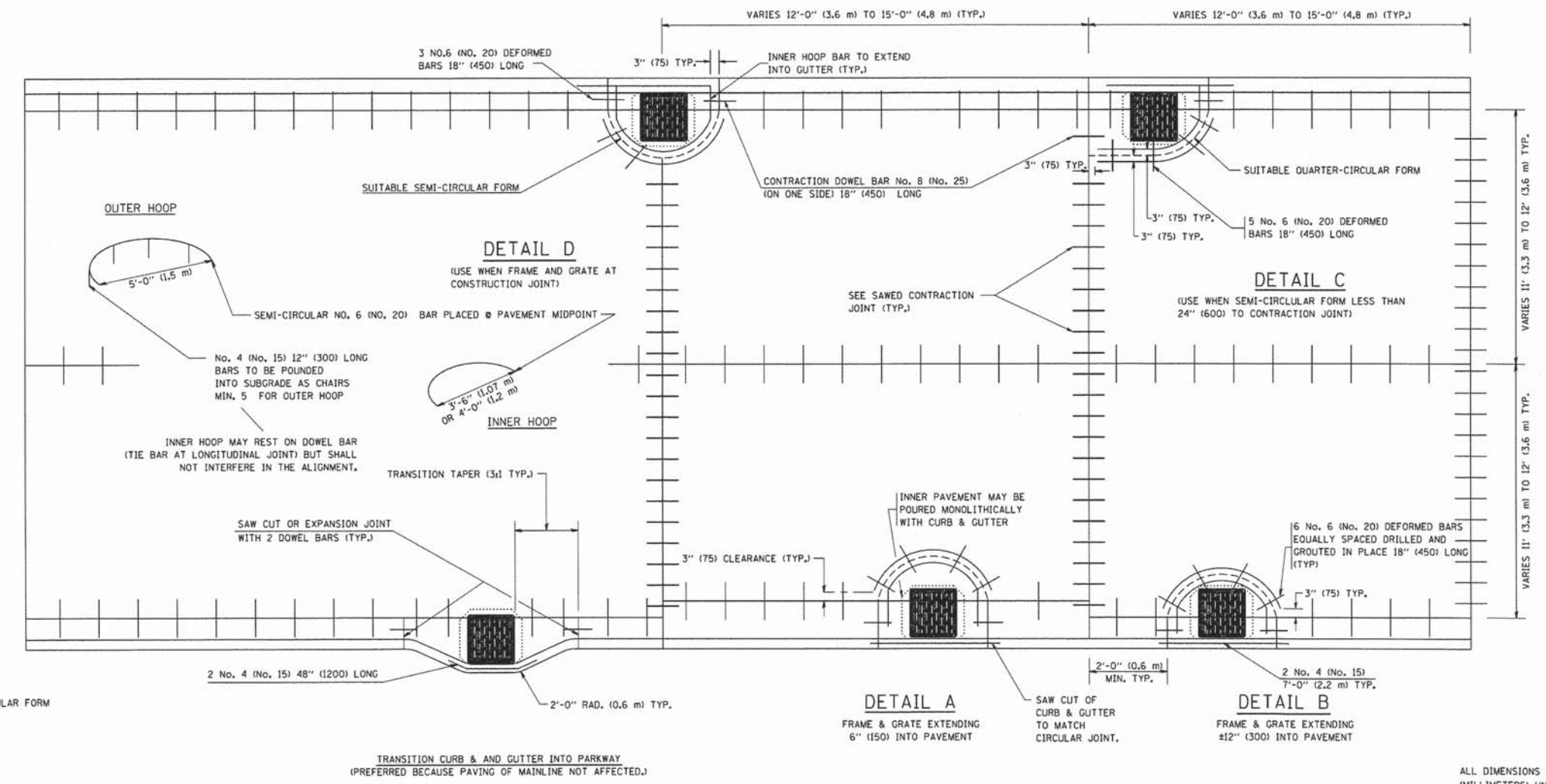
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	88
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				



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 FLAC IS LESS THAN 24"

- NOTES:**
- THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
  - 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.
  - SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
  - ALL REINFORCED BARS SHALL BE EPOXY COATED.
  - 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.
  - 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.
  - HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
  - CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
  - CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



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

FILE NAME = W:\dotstd\22-34\bd48.dgn	USER NAME = gaglienobt	DESIGNED - A. ABBAS	REVISED - T. MATOUSEK 08-28-00	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER</b>		F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.0000' / 1"	DRAWN - TOM MATOUSEK	REVISED - T. MATOUSEK 10-02-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD-48	CONTRACT NO.		
	PLOT DATE = 1/4/2009	CHECKED - A. ABBAS	REVISED - T. MATOUSEK 04-25-02						FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT		
		DATE - 01-04-99	REVISED - P. LAFLEUR 08-27-02									

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

L:\UNIVPARK\14220-01\UnivPkwyEcs\Draw\CADD\_Sheets\DOT\_detail 05.dgn 1/30/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 05.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 8:44:33 AM	DATE - 1/16/2015	REVISED -

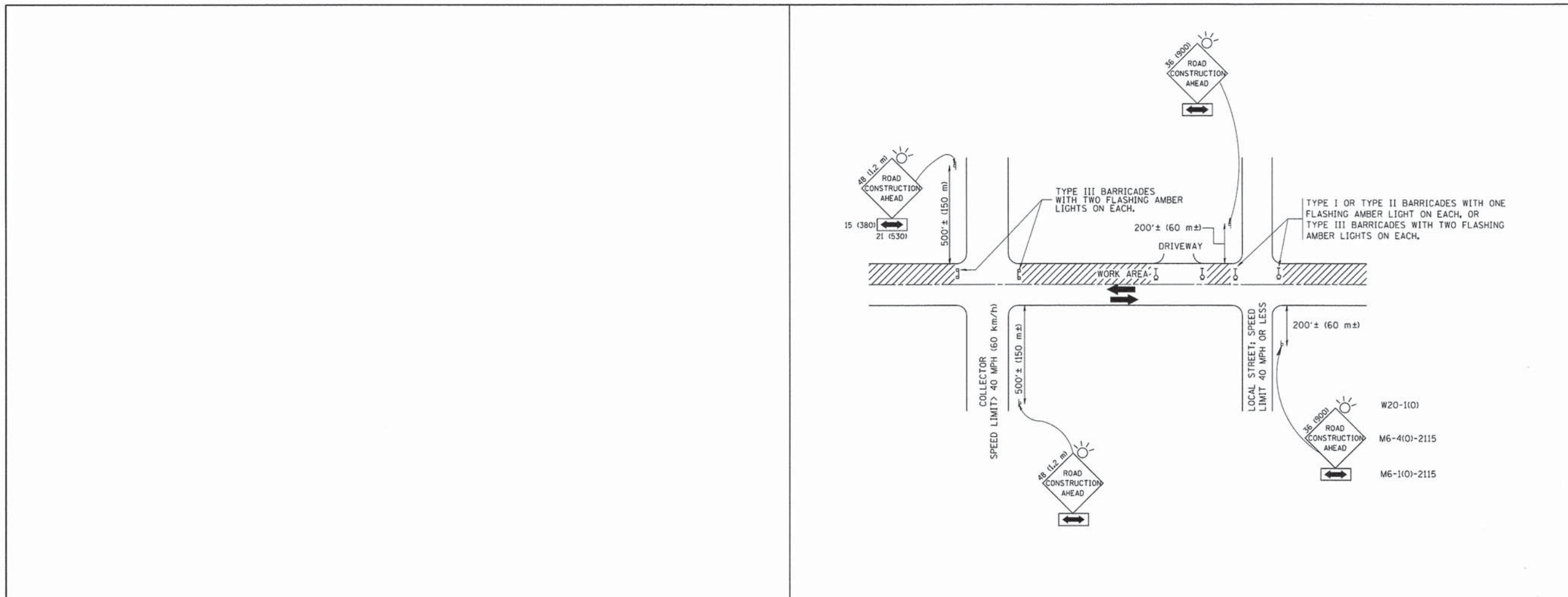
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IDOT D1 STANDARD DRAWINGS  
UNIVERSITY PARKWAY**

SCALE:	SHEET 5 OF 17 SHEETS	STA.	TO STA.
--------	----------------------	------	---------

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	89
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

L:\UNIVPARK\4220-01\UnivPkwyEast\Sec\Draw\CA00\_Sheets\DOT\_detail06.dgn 1/30/2015



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

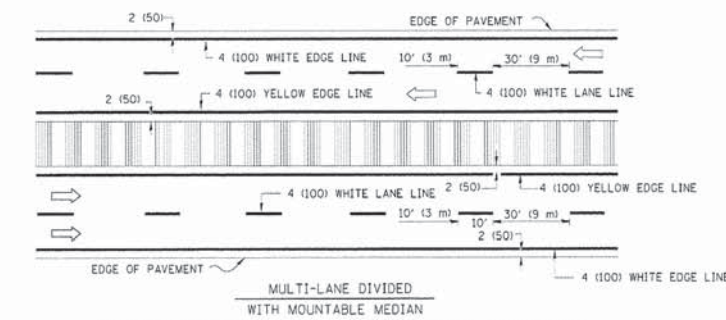
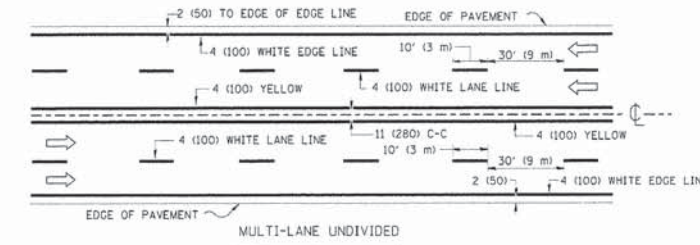
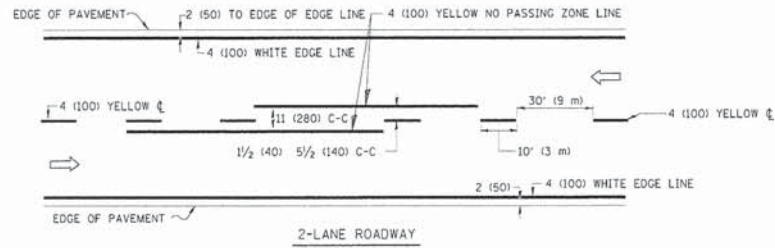
**NOTES:**

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

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

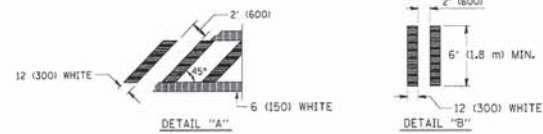
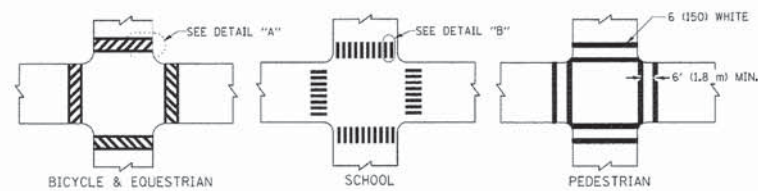
FILE NAME = W:\dststd\22x34\col06.dgn	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	<b>TC-10</b>		
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - A. HOUSEH 10-15-96		CONTRACT NO.							
					FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							

<b>CMT</b> <small>License No. 184-000613</small>	USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = IDOT_detail_06.dgn	DRAWN - AS	REVISED -		SCALE:	SHEET 6	OF 17 SHEETS	STA.	TO STA.	<b>CONTRACT NO. 61A75</b>		
	PLOT SCALE = 60,000 ' / IN.	CHECKED - KDN	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 1/30/2015 8:47:20 AM	DATE - 1/16/2015	REVISED -									

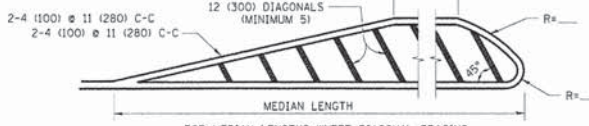
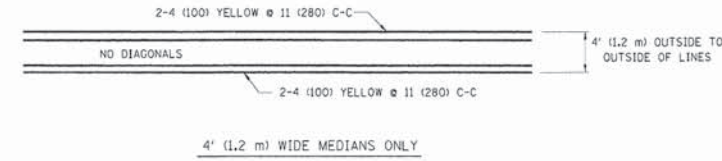


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

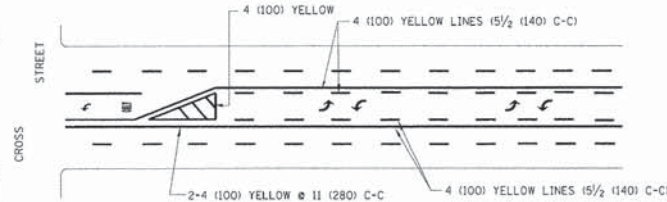


TYPICAL CROSSWALK MARKING



FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
 75' (25 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h))  
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

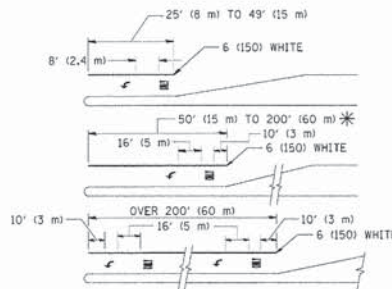
MEDIANS OVER 4' (1.2 m) WIDE



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

MEDIAN WITH TWO-WAY LEFT TURN LANE

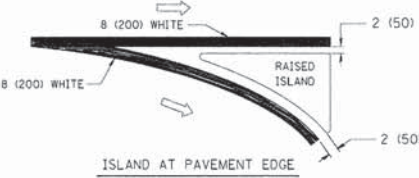
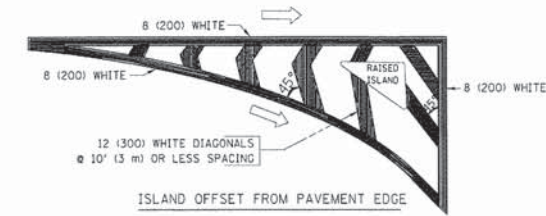
TYPICAL PAINTED MEDIAN MARKING



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

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS 18" (457mm)	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	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.
CORE 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; 16 (400) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

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

FILE NAME =	USER NAME = drvakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
FILE NAME =	USER NAME = drvakosgn	DRAWN -	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 60,000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/19/2015		DATE = 03-19-90	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

L:\UNIVPARK\14220-01\univpkwyEast\Sec\Draw\CA00\_Sheets\DOT\_detail 08.dgn 1/30/2015

CMT  
License No. 184-000613

USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = IDOT detail 08.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60,000' / IN.	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 8:50:08 AM	DATE = 1/16/2015	REVISED -

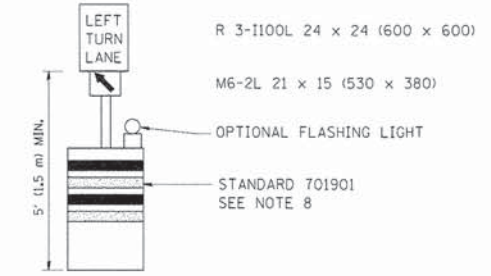
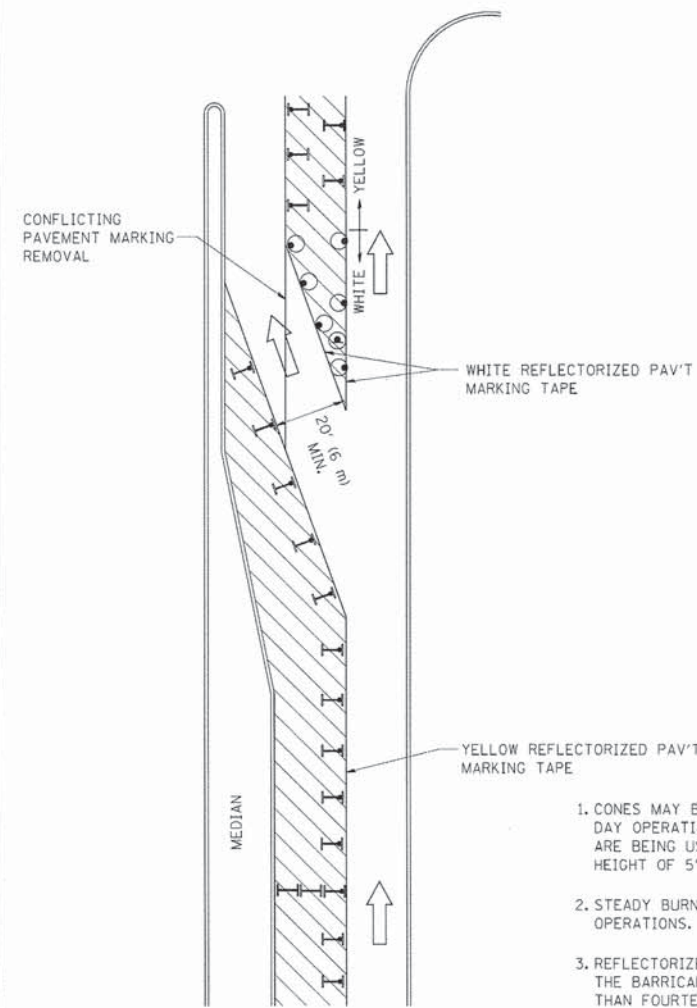
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IDOT D1 STANDARD DRAWINGS  
UNIVERSITY PARKWAY

SCALE:	SHEET 7 OF 17 SHEETS	STA.	TO STA.
--------	----------------------	------	---------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	91
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

L:\UNIVPARK\14220-01\UnivPkwyEast\Sec\Draw\CA00\_Sheets\DOT\_detail09.dgn 1/30/2015



**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 = drivanosgn	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
ca:\work\parks\14220-01\UnivPkwyEast\Sec\Draw\CA00_Sheets\DOT_detail09.dgn		REVISED - A. HOUSEH 11-07-95	REVISED -
PLOT SCALE = 60.0000' / in.		REVISED - A. HOUSEH 10-12-96	REVISED -
PLOT DATE = 9/14/2009		REVISED - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS  
(TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			TC-14		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

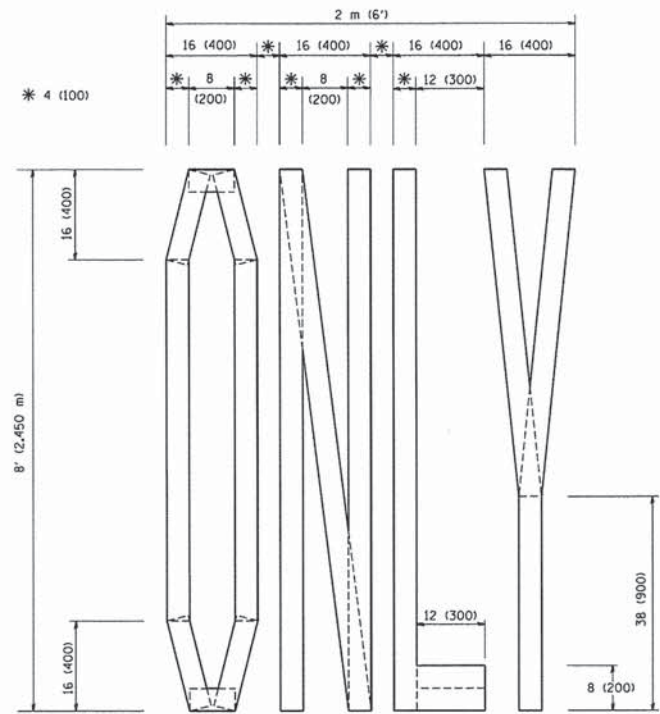


USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: IDOT_detail09.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 8:52:38 AM	DATE - 1/16/2015	REVISED -

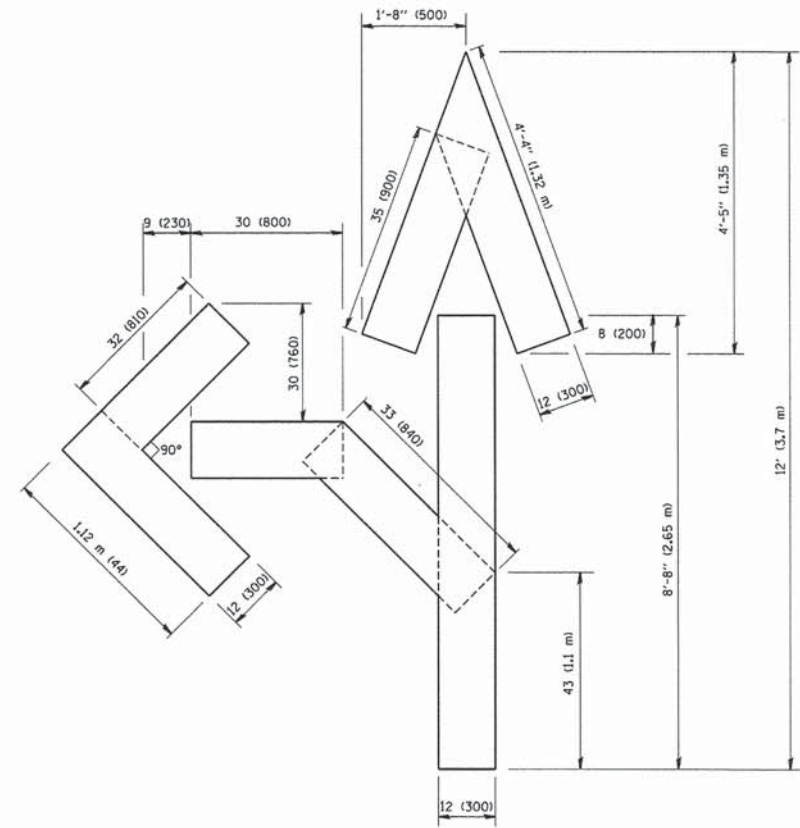
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IDOT D1 STANDARD DRAWINGS  
UNIVERSITY PARKWAY**

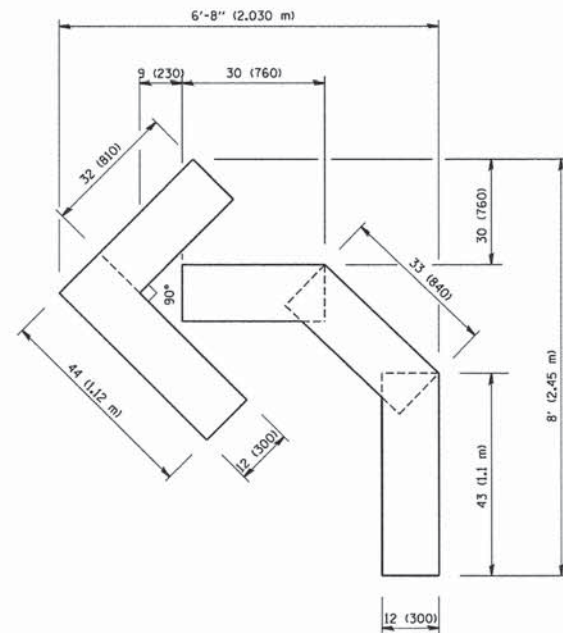
SCALE:	SHEET 8 OF 17 SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1637	96-00014-01-PV	WILL	119	92
							CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT							



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:\dist\d\22-34\1016.dgn	USER NAME = goglianobt	DESIGNED -	REVISED -T, RAMMACHER 06-05-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -T, RAMMACHER 11-04-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>TC-16</b>			
		CHECKED -	REVISED -T, RAMMACHER 03-02-98		CONTRACT NO.							
		DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

L:\UNIVPARK\14220-01\univpkwy\EastSec\Draw\CADD\_Sheets\IDOT\_detail10.dgn 1/30/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 10.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000 ' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 9:56:23 AM	DATE - 1/16/2015	REVISED -

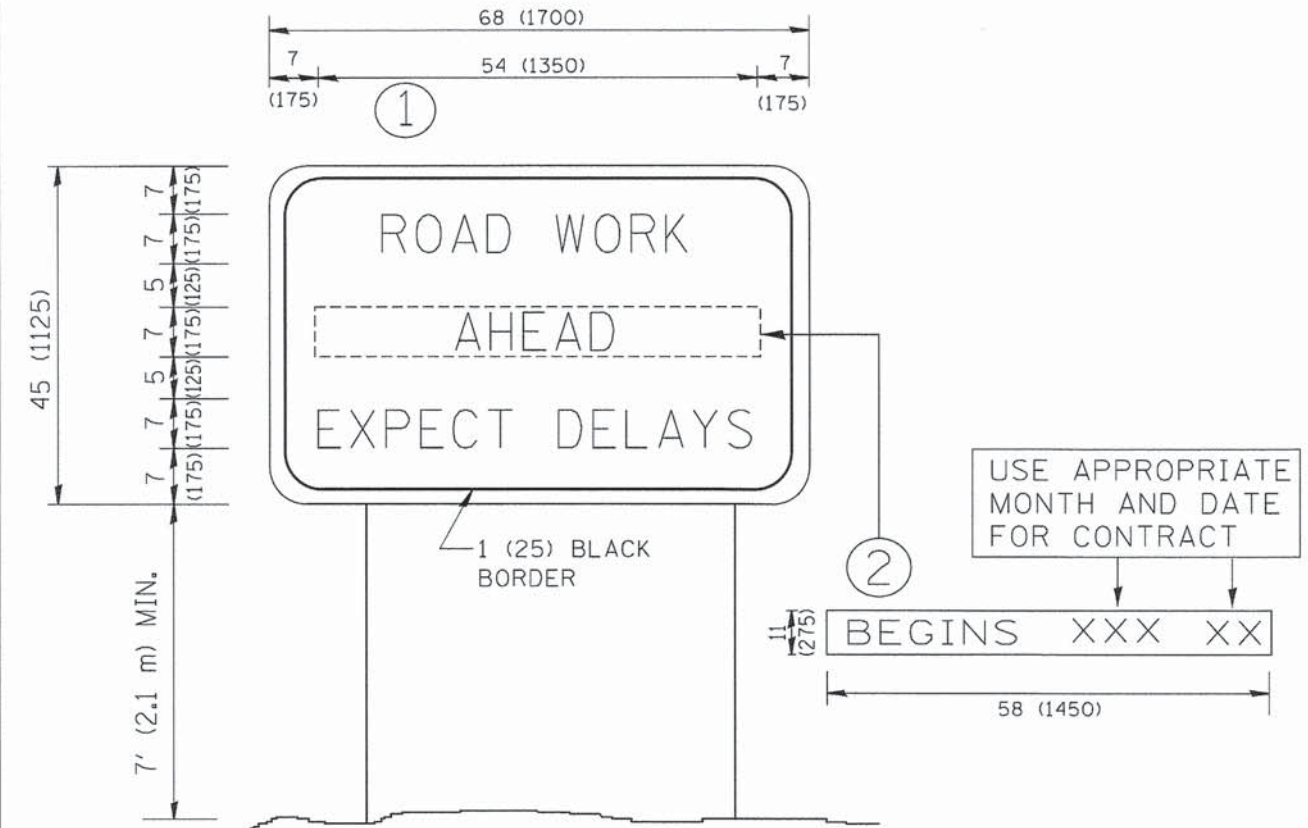
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IDOT D1 STANDARD DRAWINGS  
UNIVERSITY PARKWAY**

SCALE: SHEET 9 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	93
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

L:\UNIVPARK\4220-01 UnivPkwyEos\Sec\Draw\CADD\_Sheets\DOT\_detail11.dgn  
1/30/2015



**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:\dststd\22x34\tc22.dgn	USER NAME = gaglianob	DESIGNED - DRAWN -	REVISED - REVISED -	R. MIRS 09-15-97 R. MIRS 12-11-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 50,000' / 1"	CHECKED -	REVISED -	T. RAMMACHER 02-02-99	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>TC-22</b>		<b>CONTRACT NO.</b>	
PLOT DATE = 1/4/2008	DATE -	REVISED -	C. JUCIUS 01-31-07	<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>								



USER NAME = FILE NAME: PLOT SCALE = PLOT DATE =	Kristin Timmons IDOT detail 11.dgn 60,000' / 1" 1/30/2015 9:02:00 AM	DESIGNED - DRAWN - CHECKED - DATE -	AS AS KDN 1/16/2015	REVISED - REVISED - REVISED - REVISED -
--	---	--	------------------------------	--

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

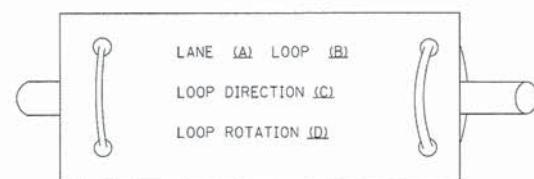
**IDOT D1 STANDARD DRAWINGS  
UNIVERSITY PARKWAY**

SCALE:	SHEET 10 OF 17 SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				1637	96-00014-01-PV	WILL	119	94
<b>CONTRACT NO. 61A75</b>								<small>ILLINOIS FED. AID PROJECT</small>

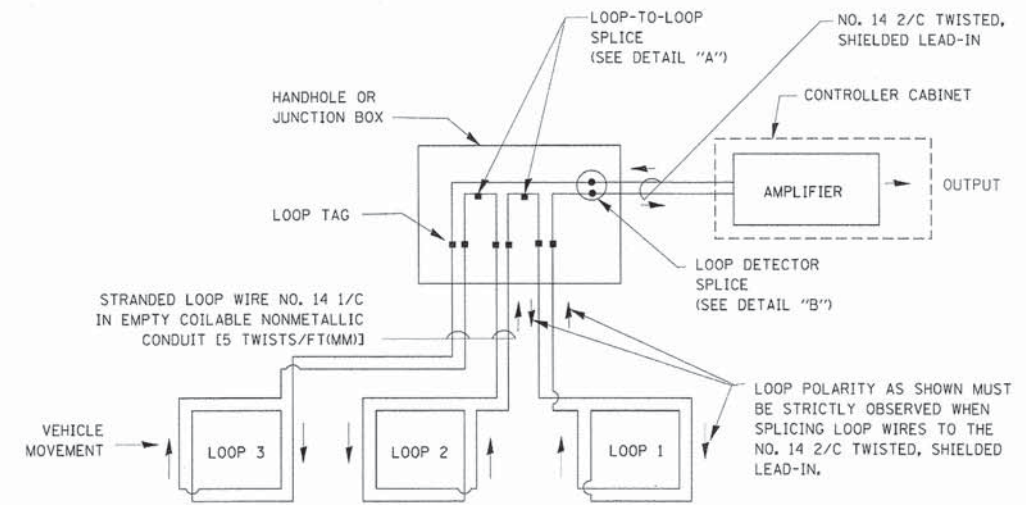
**LOOP DETECTOR NOTES**

- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

**LOOP LEAD-IN CABLE TAG**

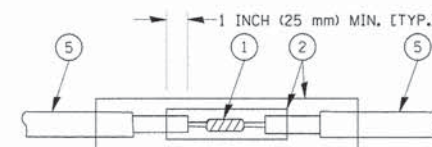


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

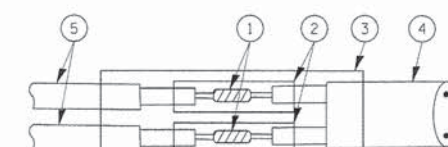


**DETECTOR LOOP WIRING SCHEMATIC**

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

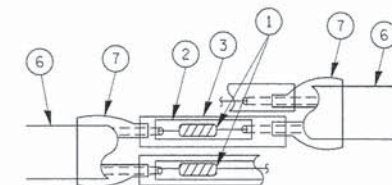


DETAIL "A"  
LOOP-TO-LOOP SPLICE

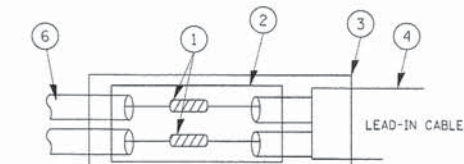


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



PRE-FORMED LOOP

DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**LOOP DETECTOR SPLICE**

- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/C TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- PRE-FORMED LOOP
- XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = beaverd	DESIGNED - DAD	REVISED -
FILE NAME =	USER NAME = beaverd	DRAWN - BCK	REVISED -
PLOT SCALE = 60.0000' / 1"		CHECKED - DAD	REVISED -
PLOT DATE = 11/4/2009		DATE - 10-28-09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
STANDARD TRAFFIC SIGNAL DESIGN DETAILS					
SCALE: NONE	SHEET NO. 1 OF 6 SHEETS	STA.	TO STA.		
		TS-05 CONTRACT NO.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

L:\UNIVPARK\4220-01\UnivPkwyEast\Sec\Draw\CADD\_Sheets\DOT\_detail12A.dgn 1/30/2015

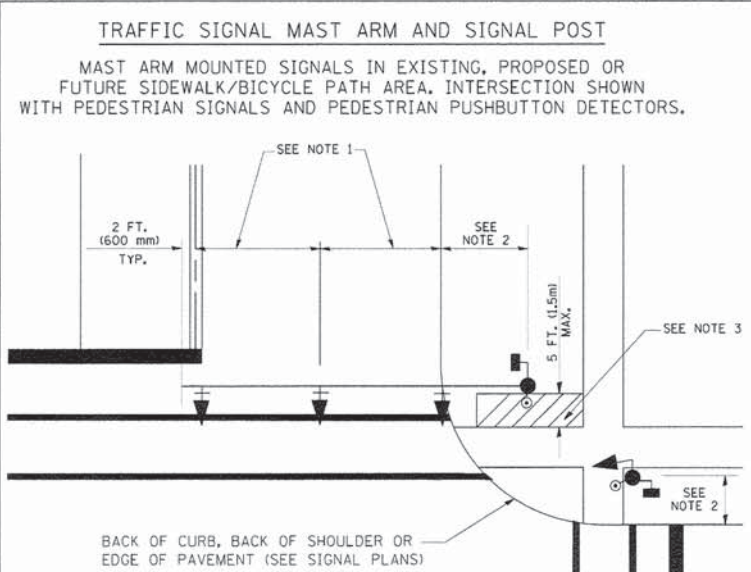


USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = IDOT detail 12A.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 9:03:45 AM	DATE - 1/16/2015	REVISED -

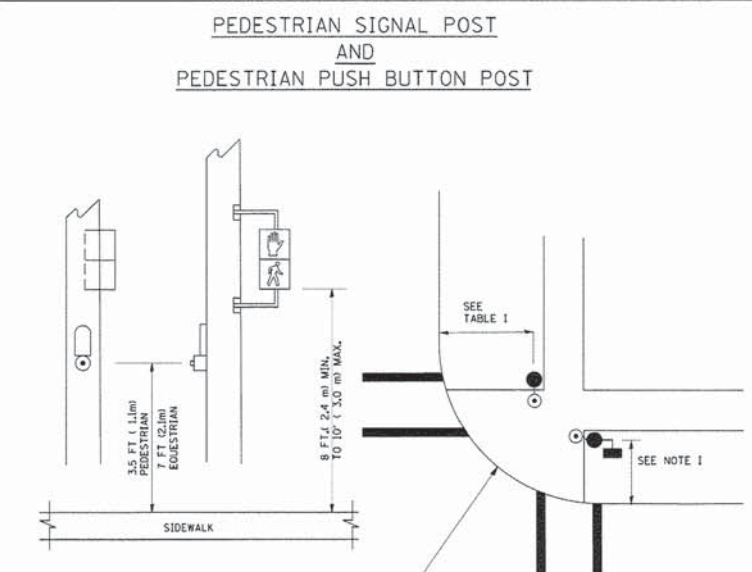
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

IDOT D1 STANDARD DRAWINGS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
UNIVERSITY PARKWAY					
SCALE:	SHEET 11 OF 17 SHEETS	STA.	TO STA.		
		ILLINOIS FED. AID PROJECT			

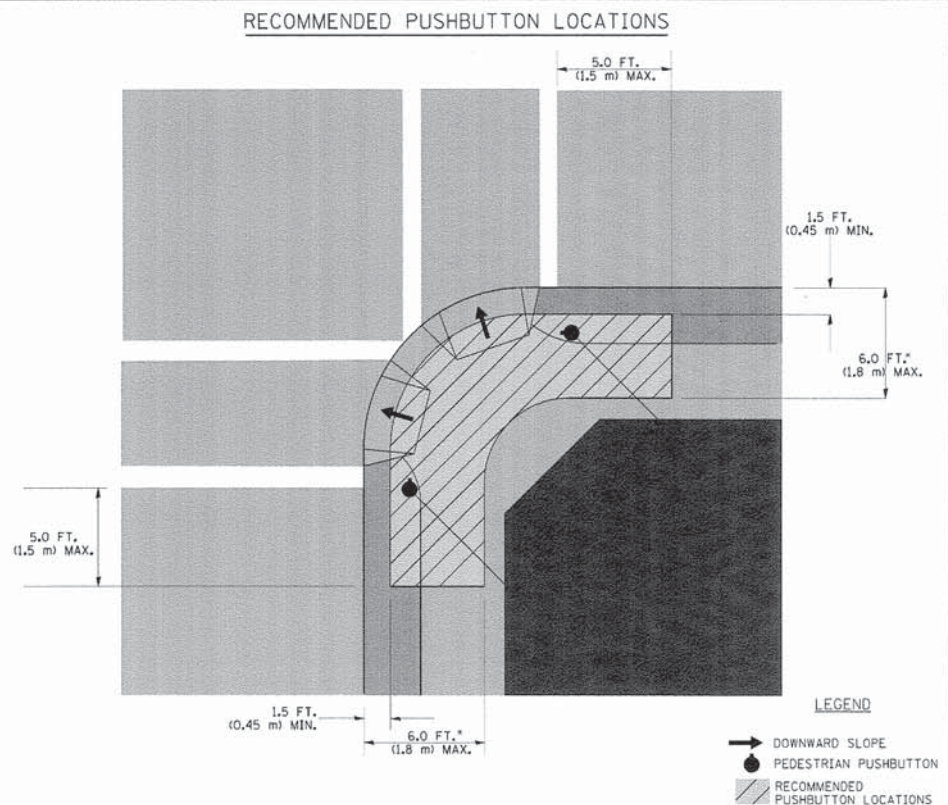
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
1637	96-00014-01-PV	WILL	119 95
CONTRACT NO. 61A75			
ILLINOIS FED. AID PROJECT			



- NOTES:**
1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
  2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
  3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
  4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
  5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."



- NOTES:**
1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
  2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
  3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
  4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

- NOTES:**
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
  2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
  3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
  4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
  5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

### TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

**NOTES:**

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

FILE NAME =	USER NAME = bauer01	DESIGNED - DAD	REVISED -
g:\work\p1\DOT\BAUER\DOT\080315\128.dgn		DRAWN - BCK	REVISED -
PLOT SCALE = 50.0000' / IN.		CHECKED - DAD	REVISED -
PLOT DATE = 11/4/2009		DATE - 10-28-09	REVISED -

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>	
SCALE: NONE	SHEET NO. 2	OF 6 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>TS-05</b>		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 128.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 9:16:55 AM	DATE - 1/16/2015	REVISED -

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	
---	--

<b>IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		1637	96-00014-01-PV	WILL	119	96
		CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT						

I:\UNIVPARK\16220-01\UnivPky\East\Sec\Draw\CAADD\_Sheets\DOT\_detail128.dgn 1/30/2015

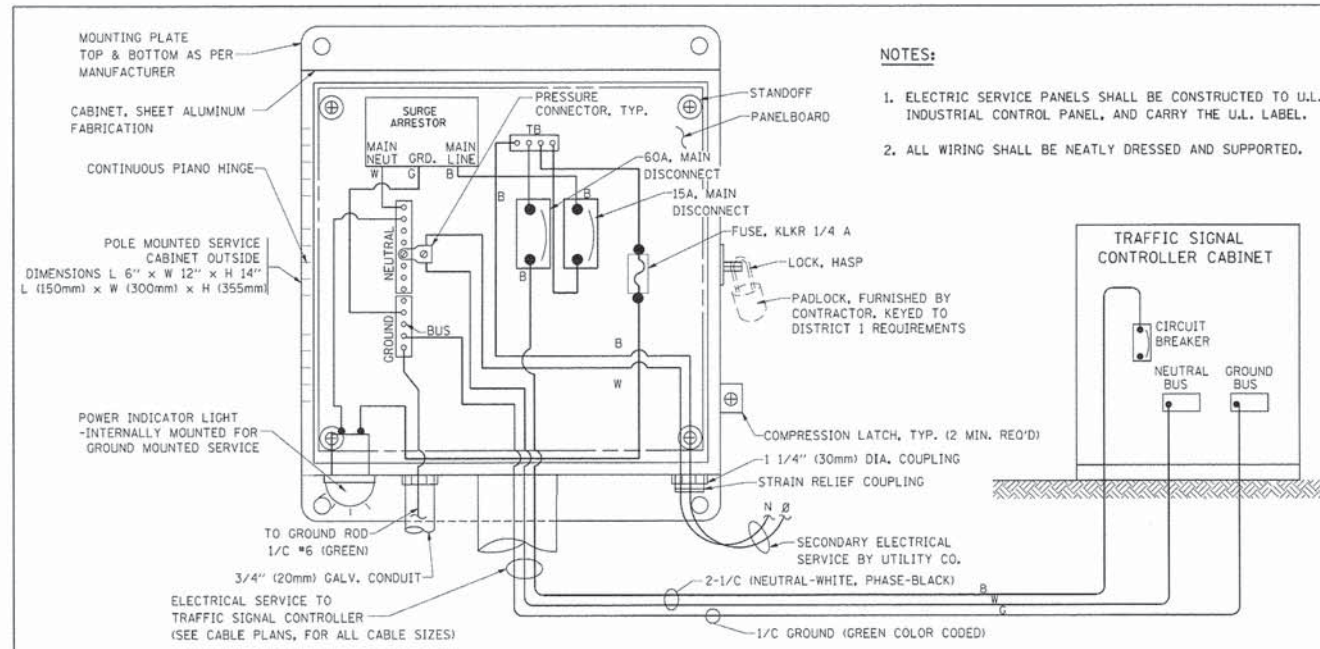


USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 128.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 9:16:55 AM	DATE - 1/16/2015	REVISED -

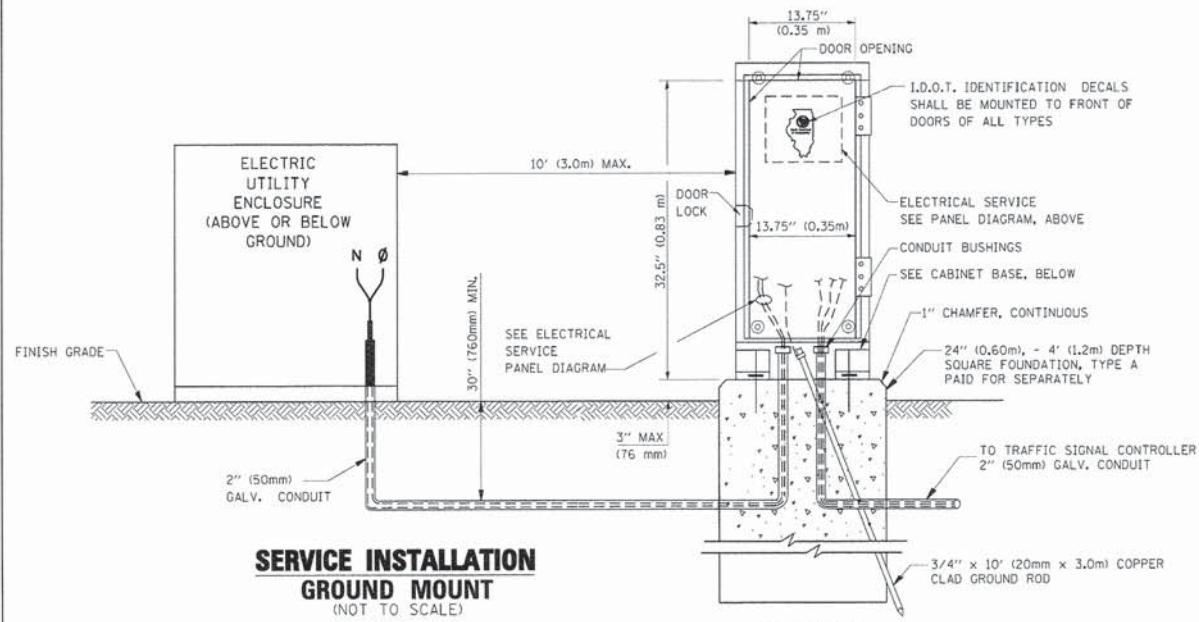
<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	
---	--

<b>IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		1637	96-00014-01-PV	WILL	119	96
		CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT						

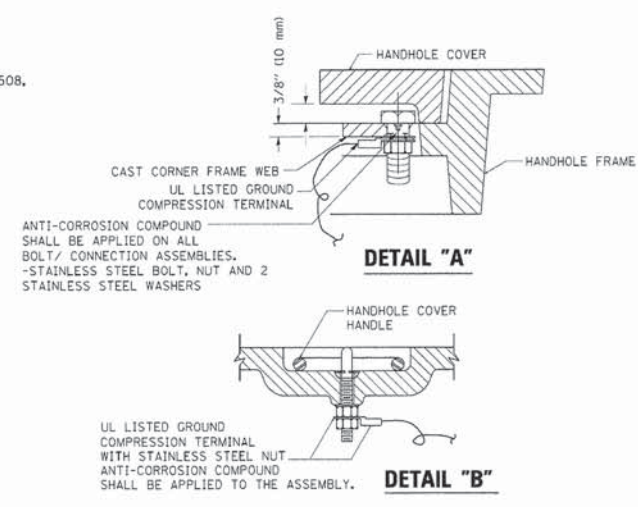
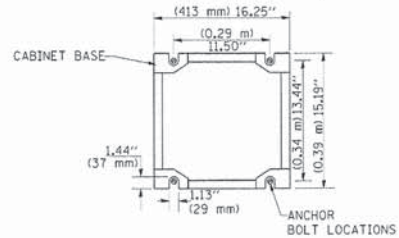




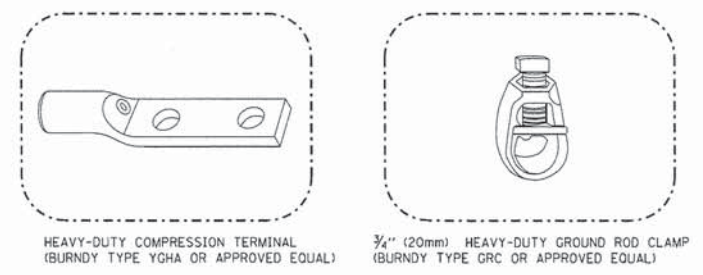
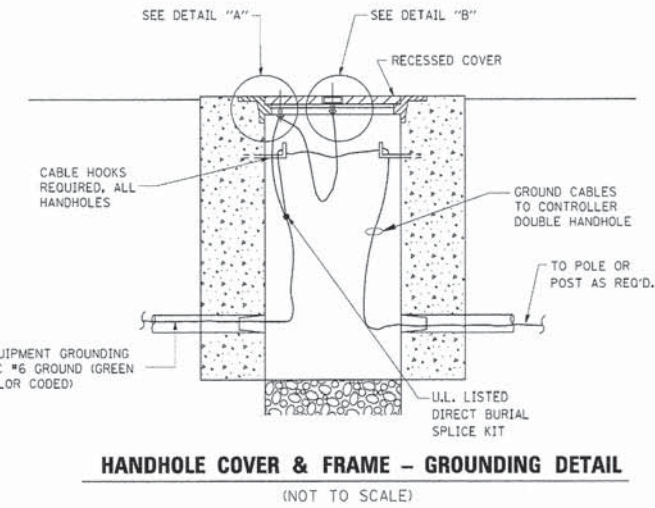
**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)



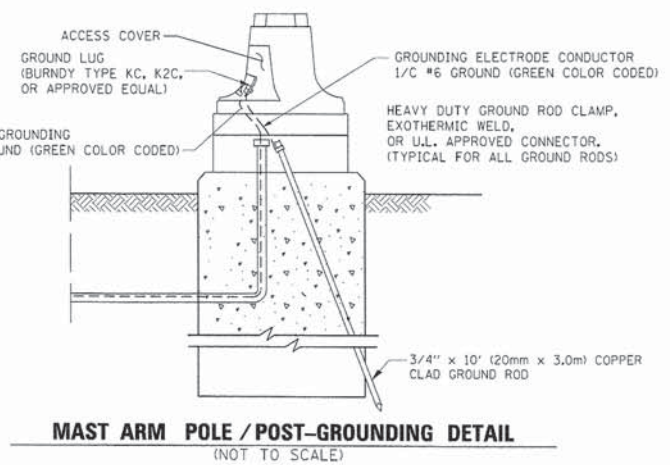
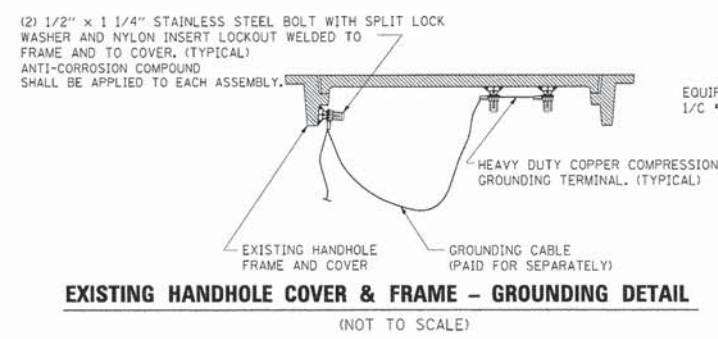
**CABINET - BASE BOLT PATTERN**  
 (NOT TO SCALE)



- NOTES:**
- GROUNDING SYSTEM**
- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
  - THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
  - ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
  - THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
  - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



FILE NAME =	USER NAME = bauer-al	DESIGNED - DAD	REVISED -
ai:\pwwork\p1\001\BAUERDL\0108315\110809.dgn		DRAWN - BCK	REVISED -
PLOT SCALE = 50.0000 1/16"		CHECKED - DAD	REVISED -
PLOT DATE = 11/4/2009		DATE - 10-28-09	REVISED -

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

<b>DISTRICT ONE</b>			
<b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>			
SCALE: NONE	SHEET NO. 3	OF 6 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>TS-05</b>		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

L:\UNIVERSITY\220-01\univpkwyEast\Sec\Draw\CADD\_Sheets\IDOT\_detail\12C.dgn 1/30/2015

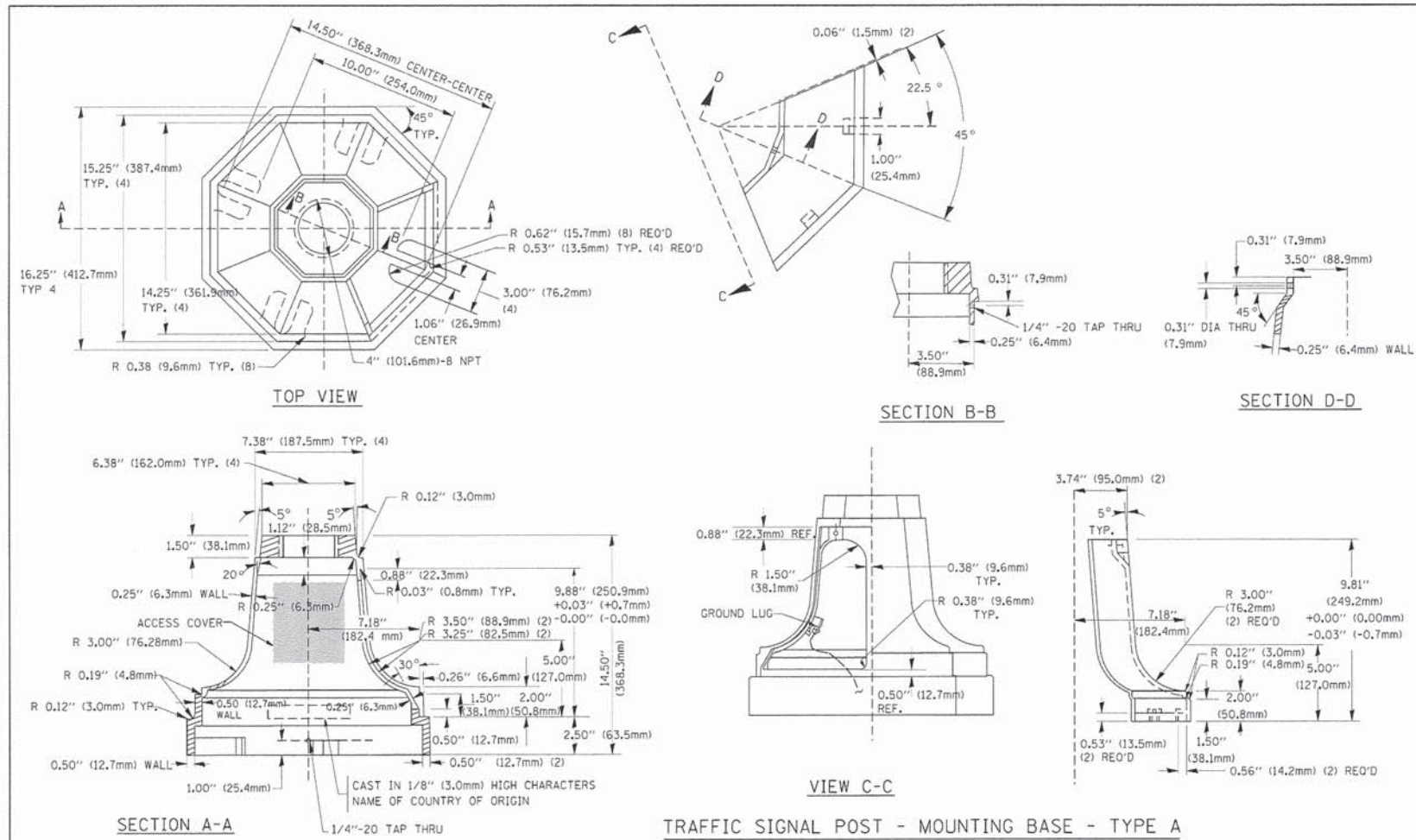


USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 12C.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000 1/16"	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 9:18:26 AM	DATE - 1/16/2015	REVISED -

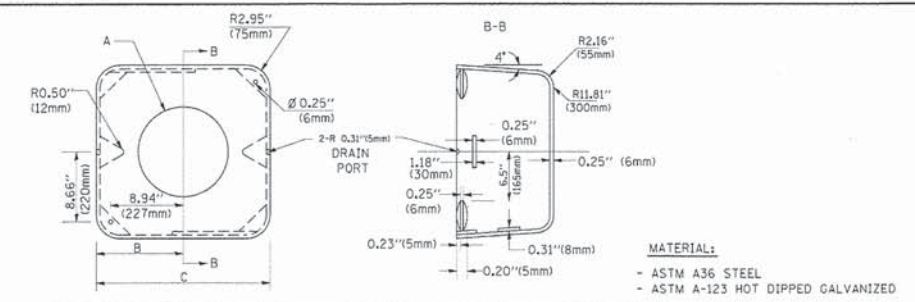
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>IDOT D1 STANDARD DRAWINGS</b>			
<b>UNIVERSITY PARKWAY</b>			
SCALE:	SHEET 13	OF 17 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-0014-01-PV	WILL	119	97
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				



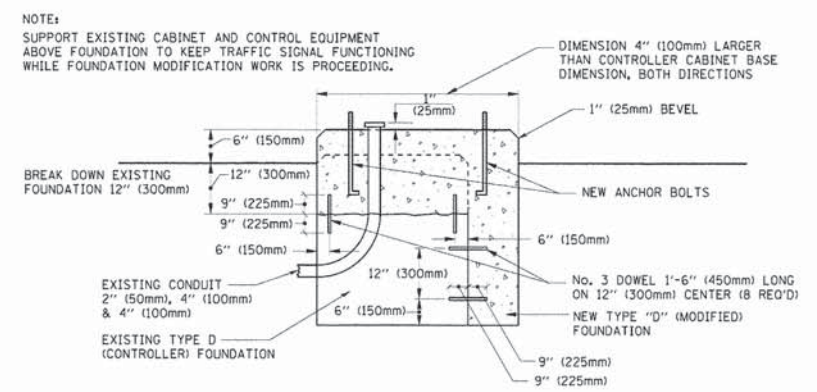
TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A



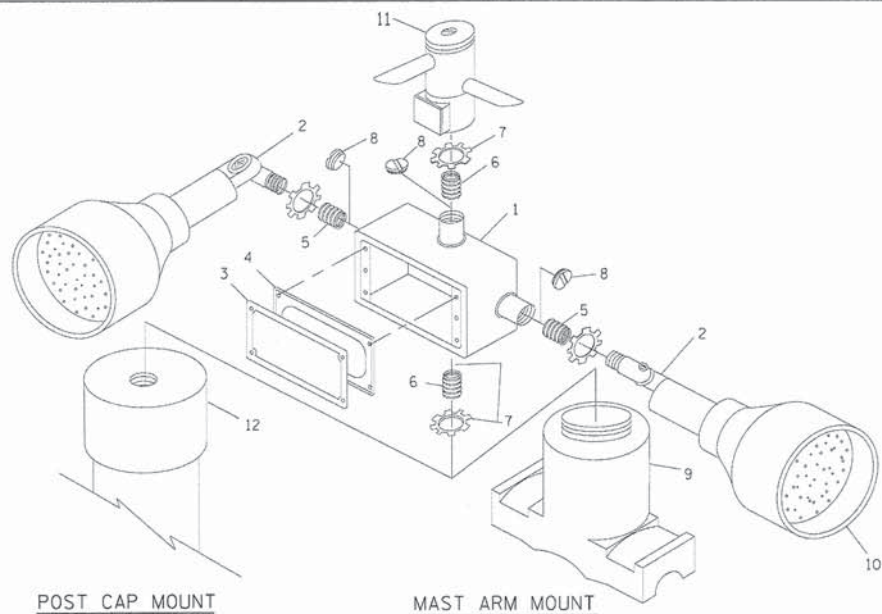
A	B	C	HEIGHT	WEIGHT
VARIES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

SHROUD

- NOTES:
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
  - THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
  - THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.



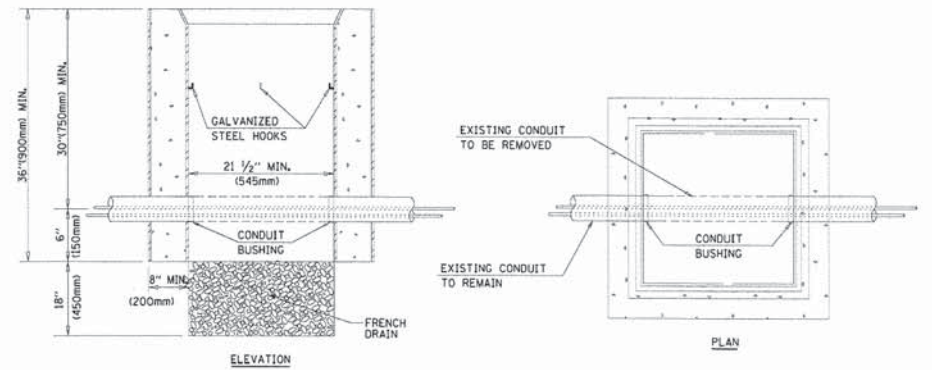
MODIFY EXISTING TYPE "D" FOUNDATION



EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX - GALV. 21 CU. IN. (0,000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

- NOTES:
- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
  - ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT  
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT  
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
  - WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



- NOTES:
- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
  - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

FILE NAME =	USER NAME = baue-el	DESIGNED - DAD	REVISED -
FILE NAME =	USER NAME = baue-el	DRAWN - BCK	REVISED -
PLOT SCALE = 50.0000 1 / IN.		CHECKED - DAD	REVISED -
PLOT DATE = 11/4/2009		DATE - 10-28-09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
TS-05		CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

SCALE: NONE SHEET NO. 4 OF 6 SHEETS STA. TO STA.



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME: IDOT detail 120.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000 1 / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 9:19:56 AM	DATE - 1/16/2015	REVISED -

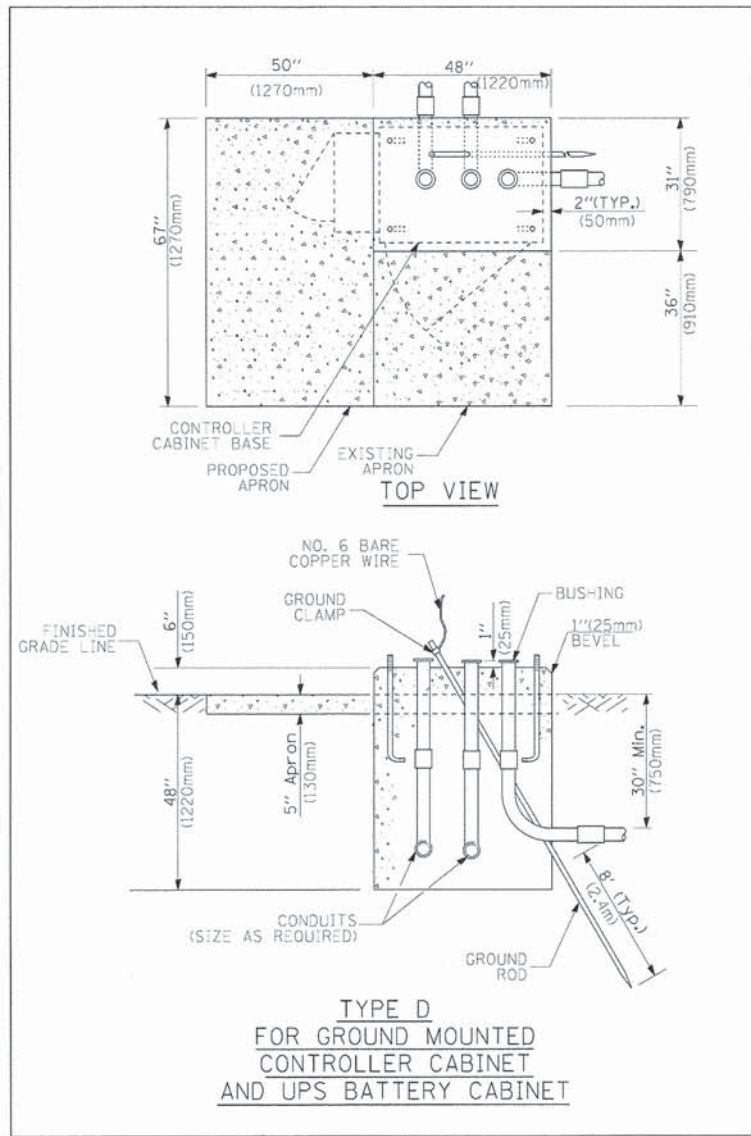
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IDOT D1 STANDARD DRAWINGS  
UNIVERSITY PARKWAY

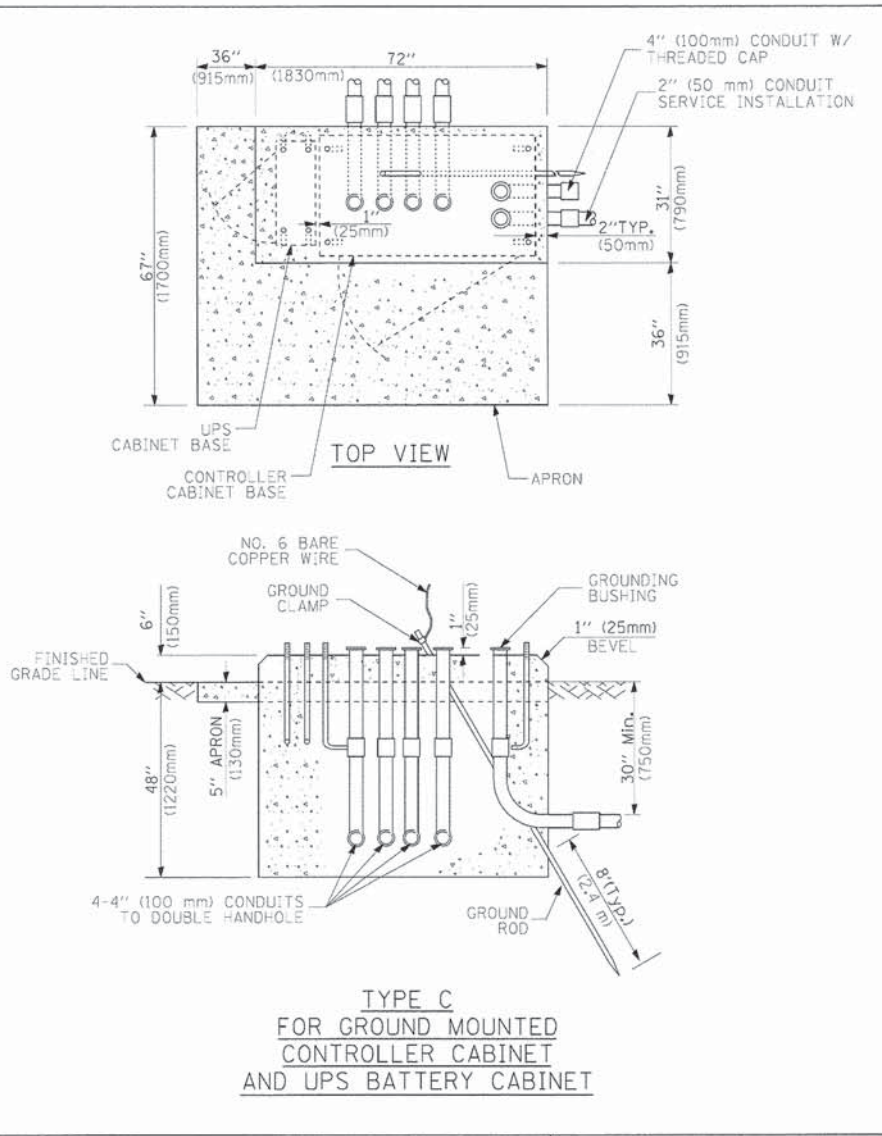
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	98
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 14 OF 17 SHEETS STA. TO STA.

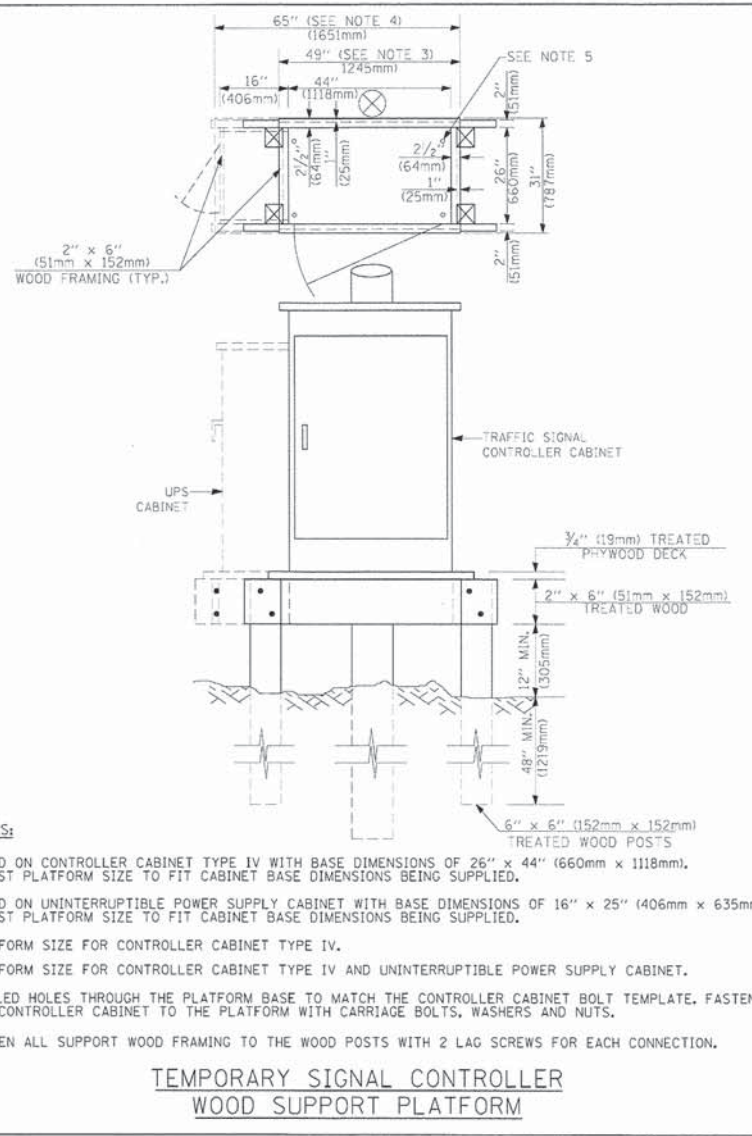
L:\UNIVPARK\14220-01\UnivPkwyEast\Sec 1\Draw\CADD\_Sheet\ts\IDOT\_detail120.dgn 1/30/2015



**TYPE D  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**



**TYPE C  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**



- NOTES:**
- BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
  - BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
  - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
  - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
  - DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
  - FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER  
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

**CABLE SLACK**

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

**VERTICAL CABLE LENGTH**

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

**DEPTH OF FOUNDATION**

MAST ARM LENGTH	FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)

- NOTES:**
- These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
  - Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
  - Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
  - For mast arm assemblies with dual arms refer to state standard 878001.

**DEPTH OF MAST ARM FOUNDATIONS, TYPE E**

FILE NAME =	USER NAME = baerol	DESIGNED - DAG	REVISED -
cs:\work\1031\BAUER\103108315\1031.dgn		DRAWN - BCK	REVISED -
PLOT SCALE = 50.0000' / 1"		CHECKED - DAD	REVISED -
PLOT DATE = 11/4/2009		DATE - 10-28-09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
TS-05		CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

L:\UNIVPARK\14220-01\UnivPkwyEast\Sec\Draw\CADD\_Sheets\DOT\_detailize.dgn 1/30/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED -
FILE NAME = IDOT detail 12E.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 60.0000' / 1"	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 9:23:25 AM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IDOT D1 STANDARD DRAWINGS  
UNIVERSITY PARKWAY**

SCALE: SHEET 15 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1637	96-00014-01-PV	WILL	119	99
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

# TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE			
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE			
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA			
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED			
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F			
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F			
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F			
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)			
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE			
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY) SYSTEM ITEM				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				INTERSECTION ITEM				STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				REMOVE ITEM				ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED			
SIGNAL POST				RELOCATE ITEM				STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				ABANDON ITEM				SIGNAL POST AND FOUNDATION TO BE REMOVED			
GUY WIRE				12" (300mm) TRAFFIC SIGNAL SECTION				INTERSECTION & SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				SIGNAL FACE				EXISTING INTERSECTION LOOP DETECTOR			
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD				PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD OPTICALLY PROGRAMMED				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				EXISTING PREFORMED INTERSECTION LOOP DETECTOR			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED				PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR			
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR			
PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER				PREFORMED SAMPLING (SYSTEM) DETECTOR			
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				RADIO INTERCONNECT				RAILROAD CONTROL CABINET			
ILLUMINATED SIGN "NO LEFT TURN"				RADIO REPEATER				RAILROAD CANTILEVER MAST ARM			
ILLUMINATED SIGN "NO RIGHT TURN"				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED				FLASHING SIGNAL			
DETECTOR LOOP, TYPE I				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)				CROSSING GATE			
PREFORMED DETECTOR LOOP								CROSSBUCK			
MICROWAVE VEHICLE SENSOR											
VIDEO DETECTION CAMERA											
VIDEO DETECTION ZONE											
PAN, TILT, ZOOM CAMERA											
WIRELESS DETECTOR SENSOR											
WIRELESS ACCESS POINT											

## RAILROAD SYMBOLS

EXISTING	PROPOSED

FILE NAME = c:\work\k\p\1001\BAUERD\100100315\ts185.dgn USER NAME = beverl PLOT SCALE = 50.0000' / IN. PLOT DATE = 11/4/2009	DESIGNED = DAG/BCK DRAWN = BCK CHECKED = DAD DATE = 10-28-09	REVISED = - REVISED = - REVISED = - REVISED = -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>	F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 1637 96-00014-01-PV WILL 119 100 SCALE: NONE SHEET NO. 6 OF 6 SHEETS STA. TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
---	---	--	---	--	--

L:\UNIVPARK\4220-01 UnivPkwyEast\Sec\Draw\CAADD\_Sheets\DOT\_detail12F.dgn 1/30/2015