

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

| | | | | |
|---------------------|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 1 |
| FED. ROAD DIST. NO. | ILLINOIS | CONTRACT NO. 61A75 | | |

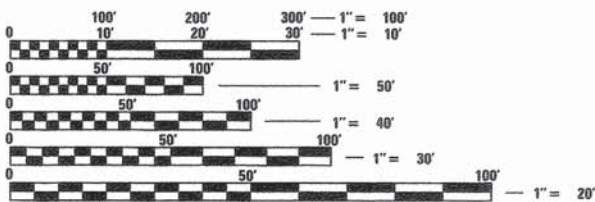
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DESIGN DESIGNATION
 (06) ARTERIAL 0.5 (AC-20)
 (06) ARTERIAL 4.6668 (AC-20)
 (06) ARTERIAL 4.266 (AC-20)

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

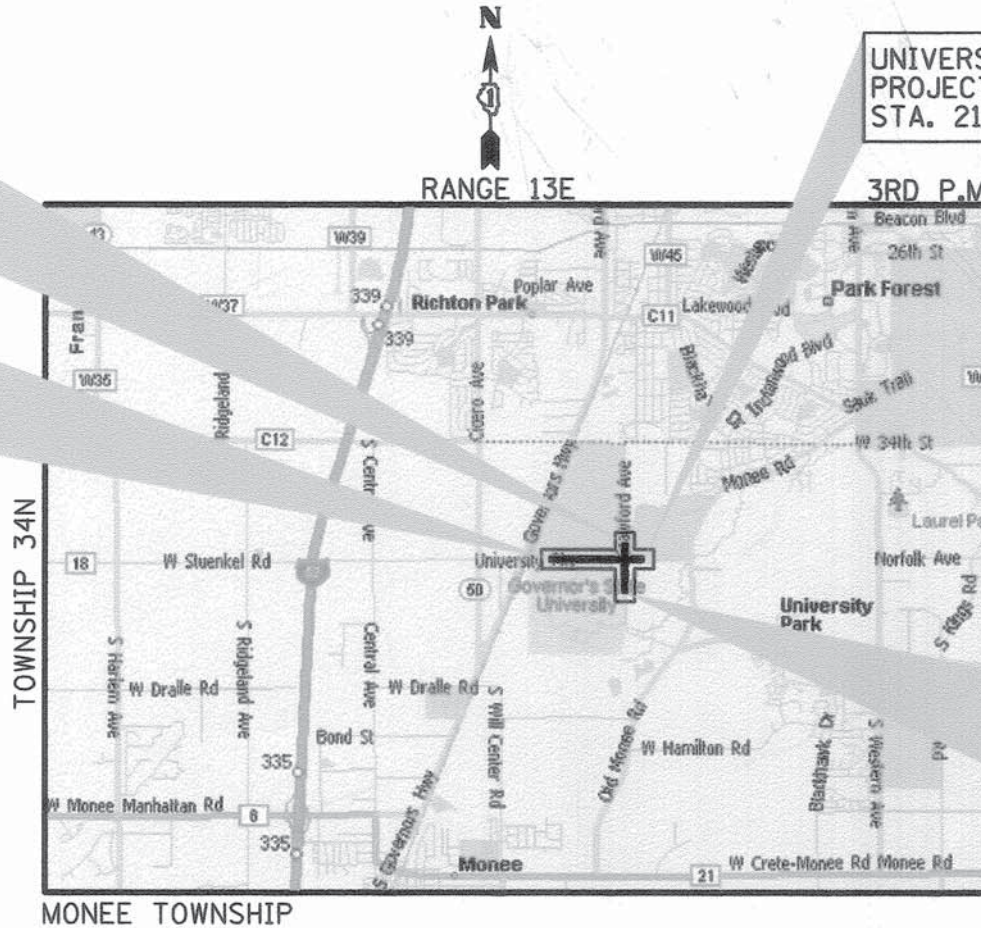


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CRAWFORD AVENUE
 PROJECT ENDS
 STA. 404+85.19

UNIVERSITY PARKWAY
 PROJECT BEGINS
 STA. 170+71.62



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
 GROSS/NET LENGTH = 5,341 FEET (1.01 MILES)

(SECTION 3 ONLY)

UNIVERSITY PARKWAY
 PROJECT ENDS
 STA. 211+00.00

CRAWFORD AVENUE
 PROJECT BEGINS
 STA. 391+19.93



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

the village of
University Park

APPROVED *January 31 2015*

PASSED *FEBRUARY 19 2015*
Charles Christopher Holt
 DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID *February 19 2015*
 BASED ON LIMITED REVIEW *John Fortman*
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

KEVIN D. NELSON, P.E.

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 OF THE STATE OF ILLINOIS**

PROGRAM AND OFFICE ENGINEER, FAWAD AQUEEL (847)705-4021, SCHAMBURG, 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 B
 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. ELECTRIC
 25000 Governors Highway
 University Park, Illinois 60466
 Contact: Gary Zack
 Phone: (708) 235-2694

NICOR GAS NATURAL GAS
 1844 W. Ferry Road
 Naperville, Illinois 60563
 Contact: Scot Stogsdill
 Phone: (630) 983-8676, ext. 2362

ATT TELEPHONE
 65 West Webster
 4th Floor
 Joliet, Illinois 60431
 Contact: Frank Guerra
 Phone: (815) 727-8281

AQUA ILLINOIS INC. WATER/SANITARY
 2500 Federal Signal Drive
 P.O. Box 788
 University Park, Illinois 60466-0788
 Contact: Cindy Munger
 Phone: (708) 534-6513

COMCAST CABLE TV
 688 Industrial Drive
 Elmhurst, Illinois 60126
 Contact: Martha Stefan
 Phone: (630) 600-6352

BP-AMOCO PIPELINE CO. PIPELINE
 15600 Bruns Road
 Manhattan Illinois 60442
 Contact: Gary L. White
 Phone: (815) 999-2857

TEPPCO PIPELINE
 P.O. Box 67
 Monee, Illinois 60449
 Contact: Mike Boomsma
 Phone: (708) 534-6266

NORCO PIPELINE - BUCKEYE PARTNERS PIPELINE
 8600 W. 71st St.
 Bedford Park, Illinois 60501
 Contact: Burt Allen
 Phone: (708) 259-1356

ENBRIDGE PIPELINE PIPELINE
 21979 N. 1500 East Road
 Pontiac, Illinois 61764
 Contact: Normande D. Lyon
 Phone: (815) 844-2606 Ext. 103

WINDSTREAM COMMUNICATIONS
 PATEC (MCLEOD USA)
 900 Commerce Drive
 Suite 203
 Oakbrook, Illinois 60523
 Contact: Paul Baumann
 Phone: (708) 774-5174

360 NETWORKS COMMUNICATIONS
 600 S. Federal Street Suite 124-6
 Chicago, Illinois
 Contact: Ben Apcocha
 Phone: (312) 427-6289

ILLINOIS CENTRAL RAILROAD RAILROAD
 17641 Ashland Avenue
 Homewood, Illinois 60430
 Contact: John Henriksen
 Phone: (708) 957-6581

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 |
| PAVEMENT RESURFACING | | |
| 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. |
| PAVEMENT RECONSTRUCTION and WIDENING | | |
| 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. |
| HMA SHOULDER | | |
| 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. |
| PATCHING | | |
| CLASS D PATCHES (HMA BINDER IL-19mm); | 11" (IN 4 LIFTS) | 4% @ 70 Gyr. |
| BIKE PATH | | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm); | 2" | 4% @ 50 Gyr. |
| DRIVEWAYS - COMMERCIAL ENTRANCE (CE) | | |
| 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. |
| DRIVEWAYS - RESIDENTIAL ENTRANCE (RE) | | |
| 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. |
| DRIVEWAYS - FIELD ENTRANCE (FE) | | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm); | 2" | 4% @ 50 Gyr. |
| TEMPORARY PAVEMENT | | |
| 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/SO 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\14220-01\UnivPkwyEast\Sec\Draw\CA00_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.

- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/4 INCHES WHERE THE SPEED IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- THE SCALE OF THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS (22" X 34") AND NOT TO THE REDUCED SIZE PLANS. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- ALL RADII ARE MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL UNDERGROUND UTILITY FACILITIES SHOWN ON THE PLANS ARE LOCATED AT THEIR APPROXIMATE LOCATION. IT IS BELIEVED THAT THIS DATA IS ESSENTIALLY CORRECT, BUT THE DEPARTMENT AND OTHER AGENCIES ASSOCIATED WITH THE DEVELOPMENT OF THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. IN 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.
- THE CONTRACTOR SHALL ENSURE THAT TEMPORARY EROSION CONTROL MEASURES ARE IN PLACE IN THE CURRENT WORK AREA BEFORE MOVING TO A DIFFERENT WORK LOCATION AS SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER.
- RADIUS CALLOUTS ON DRIVEWAYS AND SIDE STREETS ARE TYPICAL FOR BOTH SIDES UNLESS OTHERWISE NOTED.
- BACKFILLING OF STORM SEWERS SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 550.07. IF METHOD 1 IS USED BY THE CONTRACTOR AND THE CONTRACTOR EXCEEDS THE ALLOWED MAXIMUM LIFT THICKNESS OF 12", THE CONTRACTOR WILL BE REQUIRED TO COMPACT THE TRENCH BACKFILL BY METHOD 2 OR 3. THERE WILL BE NO COMPENSATION FOR MEETING THIS ADDITIONAL COMPACTION REQUIREMENT.
- ALL FRAMES AND GRATES SHALL BE BICYCLE SAFE.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN & PROTECT EXISTING UTILITIES, SEWER, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE. THE CONTRACTOR SHALL PROTECT EXISTING OR NEW UTILITIES WHEN CONSIDERED NECESSARY BY METHODS APPROVED BY THE ENGINEER, AND HE SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT SETTLEMENT, DISPLACEMENT OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY BUT THE COST THEREOF SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- QUANTITIES FOR THE FOLLOWING PAY ITEMS ARE BASED ON FIELD SURVEYS CONDUCTED IN THE SPRING OF 1999. THE QUANTITIES SHOWN INCLUDE SOME ALLOWANCES FOR ADDITIONAL GROWTH BEFORE ACTUAL CONSTRUCTION TAKES PLACE.

TREE REMOVAL (6 TO 15 INCH DIAMETER)
TREE REMOVAL (OVER 15 INCH DIAMETER)
- 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.
- MAILBOXES WILL HAVE 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.
- 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

- 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.
- 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.
- ANTICIPATED AREAS OF PGE PLACEMENT ARE SHOWN ON THE CROSS SECTIONS. THE THICKNESS OF PGE WILL VARY.
- 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.
- 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.
- 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.
- 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".
- THE STANDARD DRAWINGS LISTED IN THE PLANS ARE INTENDED TO BE THE LATEST REVISIONS AND SHALL TAKE PRECEDENCE OVER EARLIER REVISIONS THAT MAY BE REFERRED TO ELSEWHERE IN THE PLANS OR SPECIAL PROVISIONS.
- ALL DISTRIBUTORS FOR BITUMINOUS PRIMING OPERATIONS SHALL BE EQUIPPED WITH SHIELDS TO PREVENT DAMAGES TO MOTORIST, VEHICLES, AND TO ADJACENT ROADWAY APPURTENANCE.
- ALL CASTINGS WITHIN OR ADJACENT TO PAVEMENT STRUCTURES SHALL BE LEFT 3/8" BELOW THE SURFACE AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES FROM 7:00a.m. TO 7:00p.m. MONDAY THROUGH FRIDAY AND 7:00a.m. TO 4:00p.m. ON SATURDAY, NO SUNDAY WORK WILL BE PERMITTED. THIS TIME PERIOD INCLUDES VEHICLE MAINTENANCE AND REFUELING.
- 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.
- THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURE QUANTITIES IS 112 LBS/IN/SY.

REMOVAL NOTES

- REMOVAL OF GRAVEL DRIVEWAYS AND GRAVEL SHOULDERS SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION.
- REMOVAL OF BITUMINOUS CONCRETE DRIVEWAYS, BITUMINOUS SHOULDERS, BIKEPATH AND ENTRANCES REGARDLESS OF DEPTH SHALL BE MEASURED AND PAID FOR AS PAVEMENT REMOVAL.
- ALL DRIVEWAY CULVERTS, ROADWAY BOX CULVERTS AND SIMILAR TYPE DRAINAGE PIPE TO BE REMOVED SHALL BE MEASURED AND PAID FOR, REGARDLESS OF TYPE, SIZE AND MATERIALS, AS PIPE CULVERT REMOVAL AND REMOVE EXISTING CULVERTS ; STORM SEWER TO BE REMOVED SHALL BE PAID BY THE RESPECTIVE DIAMETER, REGARDLESS OF MATERIAL.
- ALL DRIVEWAY CULVERTS, STORM SEWER, ROADWAY BOX CULVERTS AND SIMILAR TYPE DRAINAGE PIPE REMOVED, SHALL BE BACK FILLED WITH TRENCH BACKFILL ACCORDING TO SECTION 208 OF THE STANDARD SPECIFICATIONS. TRENCH BACKFILL FOR PIPE REMOVALS WILL BE MEASURED SEPARATELY FOR PAYMENT.
- EXISTING END SECTIONS TO BE REMOVED SHALL BE MEASURED PER EACH. HEADWALLS TO BE REMOVED SHALL BE MEASURED PER EACH.
- FRAME AND LID ADJUSTMENTS FOR PUBLIC UTILITIES WITHIN THE PROJECT LIMITS WILL BE DONE BY THEIR RESPECTIVE OWNERS, UNLESS OTHERWISE NOTED.
- SAWCUTTING WILL NOT BE PAID FOR SEPARATELY BUT SHOULD BE CONSIDERED INCLUDED IN THE COST OF THE ITEMS BEING REMOVED. SAWCUTTING FOR PAVEMENT PATCHING SHALL BE PAID FOR AS SAW CUTS, PER ARTICLE 442.11.
- ALL PRIVATE SIGNS SHALL BE RELOCATED BY PROPERTY OWNERS PRIOR TO THE START OF CONSTRUCTION.

DRAINAGE NOTES

- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR CATCH BASINS. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL PERMANENT CONNECTIONS WITH SEWERS ARE BUILT, AND IN SERVICE. THIS WORK SHALL NOT BE PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE COST OF STORM SEWER ITEMS BEING INSTALLED.
- LINE AND GRADE FOR ALL PROPOSED STORM SEWER SHALL BE SET BY USE OF A LASER. DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. GRADES OF EXISTING SEWER LINES WERE DETERMINED FROM AVAILABLE PLANS AND SURVEY. THE INVERTS OF THE PROPOSED DRAINAGE MAY REQUIRE REVISION TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER.
- ADDITIONAL DEPTH REQUIRED IN DRAINAGE STRUCTURES DUE TO CONFLICTS WITH OTHER UTILITY FACILITIES SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR THE DRAINAGE STRUCTURE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONNECTION OF ALL EXISTING STORM SEWERS INTO THE PROPOSED STORM SEWER SYSTEM SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER SYSTEM.
- THE COST OF TRANSITIONING OR RESHAPING PROPOSED AND EXISTING DITCHES (IF REQUIRED) SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION PER ARTICLE 202.06.
- THE OFFSETS TO DRAINAGE STRUCTURES LOCATED IN THE CURB LINE ARE MEASURED TO THE EDGE OF PAVEMENT AND NOT TO THE CENTER OF THE STRUCTURE. THE OFFSETS TO DRAINAGE STRUCTURES LOCATED OUTSIDE THE CURB LINE ARE MEASURED TO THE CENTER OF THE STRUCTURE.
- ANY FARM DRAIN, FIELD TILE SYSTEM OR OTHER UNDERGROUND TILE FACILITY ENCOUNTERED IN THE WORK SHALL BE LOCATED AND STAKED AND REPORTED TO THE RESIDENT ENGINEER. ANY DRAINAGE LINES WHICH ARE CUT OR DAMAGED BY GRADING, TRENCHING, EXCAVATING OR OTHER CONSTRUCTION ACTIVITIES SHALL BE REPAIRED SO AS TO MAINTAIN ITS ORIGINAL ALIGNMENT. IF THIS CANNOT BE ACCOMPLISHED, THE TILE SHALL BE REPAIRED AND CONNECTED TO THE PROPOSED STORM SEWER SYSTEM IN SUCH A MANNER AS TO RENDER THE LINES USABLE FOR THE PURPOSES INTENDED. THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS.

MISCELLANEOUS PLAN NOTES

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

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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: gennotes.2.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 50.0000' / 1" | 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 |
| 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 |
|----------------|-----------------|--|-------|----------------|--------------|-----------------|----------------------|
| | 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:

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- * = SPECIALTY ITEM
- # = NON-PARTICIPATING ITEM (100% LOCAL FUNDS)

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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: SOQ.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 50.0000' / 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. 1637 | SECTION 96-00014-01-PV | COUNTY WILL | TOTAL SHEETS 119 | SHEET NO. 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)

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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: 500.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 50.0000' / in. | CHECKED - KDN | REVISED - |
| PLOT DATE = 1/30/2015 10:27:03 AM | DATE - 1/16/2015 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

| | | | | |
|---------------------------|---------------------------|----------------|---------------------|----------------|
| F.A.U. RTE. 1637 | SECTION 96-00014-01-PV | COUNTY WILL | TOTAL SHEETS 119 | SHEET NO. 5 |
| 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 |
|----------------|-----------------|--|-------|----------------|--------------|-----------------|----------------------|
| | 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:

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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME = 500.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 50.0000 / 1 in. | CHECKED - KDN | REVISED - |
| PLOT DATE = 1/30/2015 10:27:03 AM | DATE - 1/16/2015 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

| | | | | |
|---------------------------|-------------------------|-------------|------------------|-------------|
| F.A.U. RTE. 1637 | SECTION -96-00014-01-PV | COUNTY WILL | TOTAL SHEETS 119 | SHEET NO. 6 |
| 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 |
|----------------|-----------------|---|-------|----------------|--------------|-----------------|----------------------|
| * | 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 | | |
| | Z0013798 | 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 ENCASUREMENT | 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 | | |
| | 406002715 | 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)

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| | | |
|-----------------------------------|------------------|-----------|
| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: S00.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 50.0000' / 1" = | 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. 1637 | SECTION 96-00014-01-PV | COUNTY WILL | TOTAL SHEETS 119 | SHEET NO. 7 |
| ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61A75 | |

TREE REMOVAL

| STATION / LOCATION | | | TREE REMOVAL (6 TO 15 UNITS DIA.) | TREE REMOVAL (OVER 15 UNITS) |
|---------------------------|--------|----|---|------------------------------------|
| | | | (UNIT) | (UNIT) |
| UNIVERSITY PARKWAY | | | | |
| 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 | 8 | |
| 209+25.05 | 22.42' | RT | 8 | |
| 209+37.25 | 21.74' | RT | 8 | |
| 209+46.61 | 33.51' | RT | 12 | |
| CRAWFORD AVENUE | | | | |
| 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 | |
| TOTALS | | | 686 | 333 |

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) |
| UNIVERSITY PARKWAY | | | | | | | | | |
| 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 | 7 | | | | |
| 194+00.00 | TO | 200+00.00 | 1 | 136 | 8 | | | | |
| 200+00.00 | TO | 206+00.00 | 19 | 16 | 9 | | | | |
| 206+00.00 | TO | 211+00.00 | 5 | 16 | | 80 | 80 | | |
| CRAWFORD AVENUE | | | | | | | | | |
| 391+19.93 | TO | 396+00.00 | 40 | 195 | 2 | 3 | 68 | | |
| 396+00.00 | TO | 399+09.13 | 1 | 16 | | | | | |
| 400+83.12 | TO | 402+00.00 | | | | | | | |
| 402+00.00 | TO | 404+85.20 | 1 | | 1 | 2 | | | |
| TOTALS | | | 28 | 688 | 4,565 | 3 | 59 | 148 | 148 |

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) |
| UNIVERSITY PARKWAY | | | | | | | | | | | | |
| 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 | 968 | 58 | | |
| 206+00.00 | TO | 211+00.00 | 484 | 0.10 | 0.10 | 840 | 19 | 19 | 968 | 37 | | |
| CRAWFORD AVENUE | | | | | | | | | | | | |
| 391+19.93 | TO | 396+00.00 | 2,662 | 0.25 | 0.30 | 0.25 | 950 | 34 | 34 | 3,872 | 100 | |
| 396+00.00 | TO | 399+09.13 | 1,452 | 0.25 | 0.30 | | 90 | 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 | | |
| TOTALS | | | 4,840 | 3.25 | 0.75 | 0.25 | 12,676 | 450 | 450 | 450 | 20,570 | 687 |

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USER NAME = Kristin Timmons
 FILE NAME: SCHEDULE.ES.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 -
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 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. 1637 | SECTION 96-0014-01-PV | COUNTY WILL | TOTAL SHEETS 119 | SHEET NO. 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) |
| UNIVERSITY PARKWAY | | | | | | | | | | | | | | | |
| 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 |
| CRAWFORD AVENUE | | | | | | | | | | | | | | | |
| 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 |
| TOTALS | | | 24,392 | 24,392 | 4,194 | 415 | 20,897 | 140 | 3,601 | 437 | 2,805 | 2,503 | 331 | 381 | 68,648 |

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) |
| UNIVERSITY PARKWAY | | | | | | |
| 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 | | | | |
| CRAWFORD AVENUE | | | | | | |
| 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 | | | | |
| TOTALS | | | 14.8 | 90 | 8,357 | 84 |

SIDEWALK SCHEDULE

| STATION / LOCATION | | | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | DETECTABLE WARNINGS |
|---------------------------|----|-----------|--|---------------------|
| | | | | |
| UNIVERSITY PARKWAY | | | | |
| 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 | | |
| CRAWFORD AVENUE | | | | |
| 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 | | |
| TOTALS | | | 3,827 | 271 |

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USER NAME = Kristin Timmons
 FILE NAME: SCHEDULES.dgn
 PLOT SCALE = 50.0000' / 1" / in.
 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 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 | | | |
| | | (SQ FT) | (SQ FT) | (EACH) | (FOOT) | (EACH) |
| UNIVERSITY PARKWAY | | | | | | |
| 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 | |
| | LT | 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 | | | | |
| | | (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 | | |
| CRAWFORD AVENUE | | | | | | | |
| 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 | | |
| TOTALS | | | 357 | 13 | 9 | 557.5 | 17 |

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1/29/2015



USER NAME = Kristin Timmons
FILE NAME = SCHEDULE3.dgn
PLOT SCALE = 50,0000' / in.
PLOT DATE = 1/29/2015 4:38:11 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 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) |
| UNIVERSITY PARKWAY | | | | | | | |
| 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 | |
| CRAWFORD AVENUE | | | | | | | |
| 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 | |
| TOTALS | 444 | 14,039 | 2,549 | 2,674 | 162 | 1,679 | 232 |

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) |
| STAGE | | | | | | | | |
| UNIVERSITY PARKWAY | | | | | | | | |
| 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 | | | | |
| CRAWFORD AVENUE | | | | | | | | |
| 391+19.93 TO 399+09.13 | | | | | | | | |
| 400+83.12 TO 404+85.20 | | 645 | 645 | | | | | |
| STAGE | | | | | | | | |
| UNIVERSITY PARKWAY | | | | | | | | |
| 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 | |
| CRAWFORD AVENUE | | | | | | | | |
| 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 | |
| TOTALS | 75 | 19,380 | 19,460 | 155 | 25,245 | 281 | 11,802 | 450 |

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| | | | | | | | | | | | | |
|---|-----------------------------|---------------|-----------|---|--|--|--|---------------------|----------------|--------|----------------------|-----------|
|  | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SCHEDULE OF QUANTITIES UNIVERSITY PARKWAY | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | FILE NAME: SCHEDULES.dgn | DRAWN - AS | REVISED - | | | | | 1637 | 96-00014-01-PV | WILL | 119 | 11 |
| PLOT SCALE = 50,0000' / 1" = | CHECKED - KDN | REVISED - | | | SCALE: N/A | | | SHEET 4 OF 4 SHEETS | | | STA. N/A TO STA. N/A | |
| PLOT DATE = 1/29/2015 4:38:11 PM | DATE - 1/16/2015 | REVISED - | | | CONTRACT NO. 61A75 | | | | | | | |
| ILLINOIS FED. AID PROJECT | | | | | | | | | | | | |

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| 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 | | | | 750.72 |



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

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

REVISED -
 REVISED -
 REVISED -
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**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.I. 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

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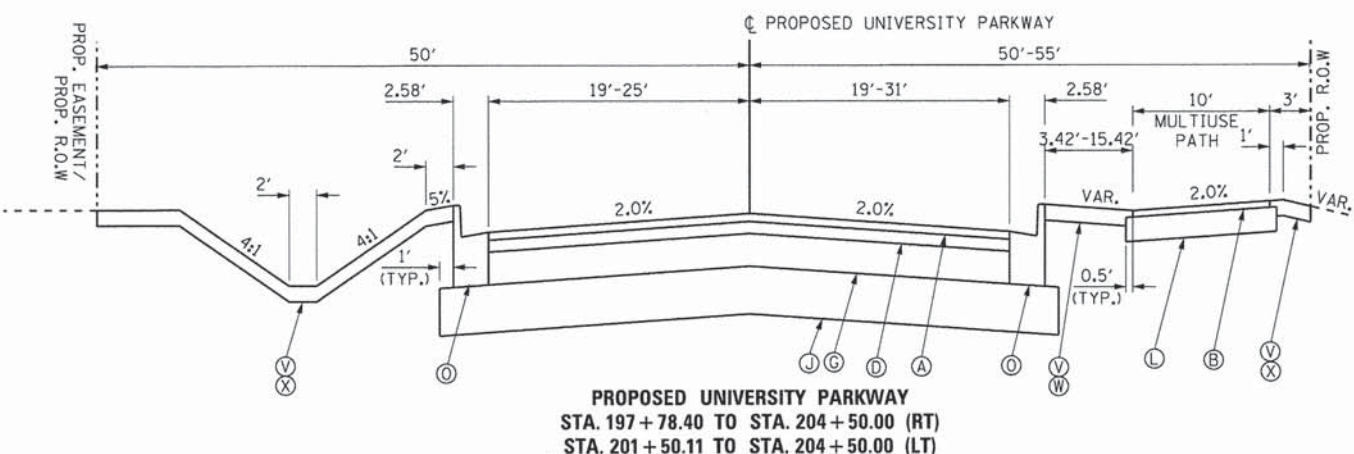
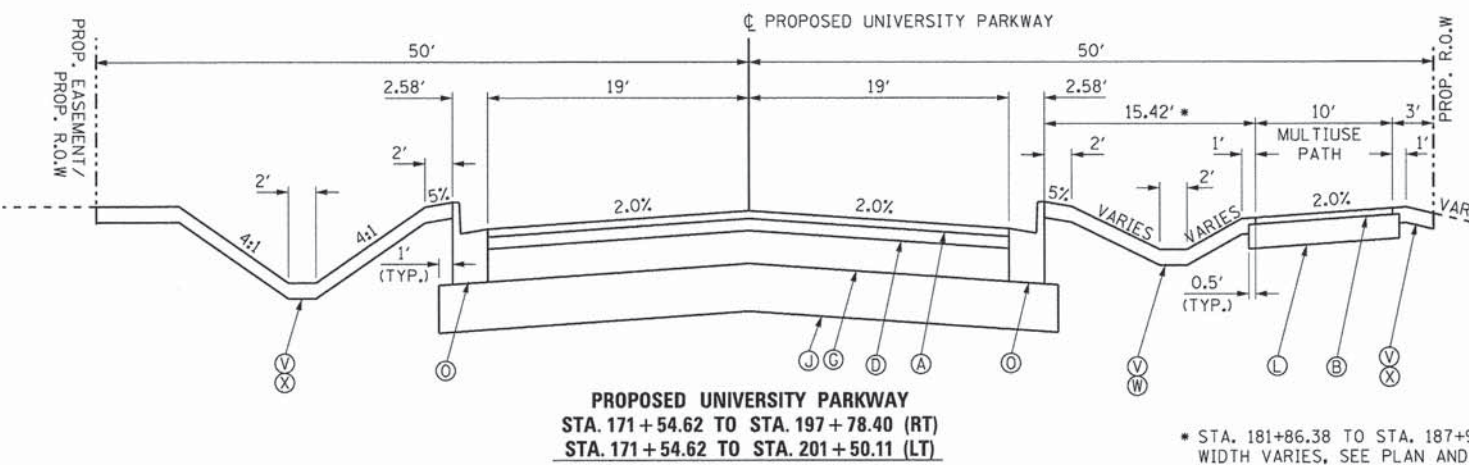
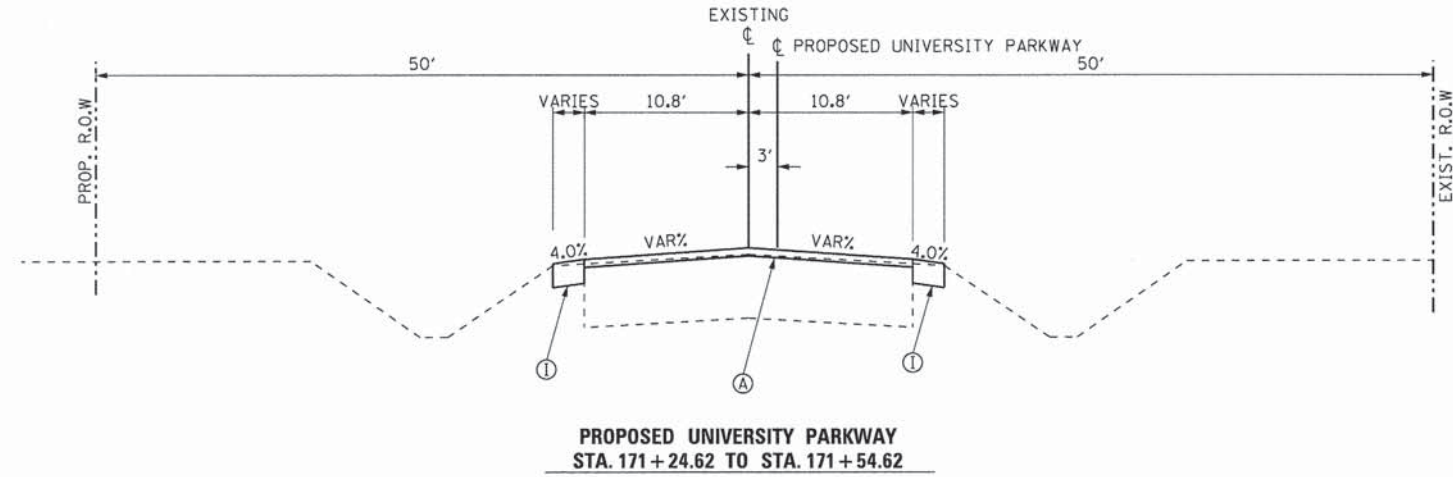
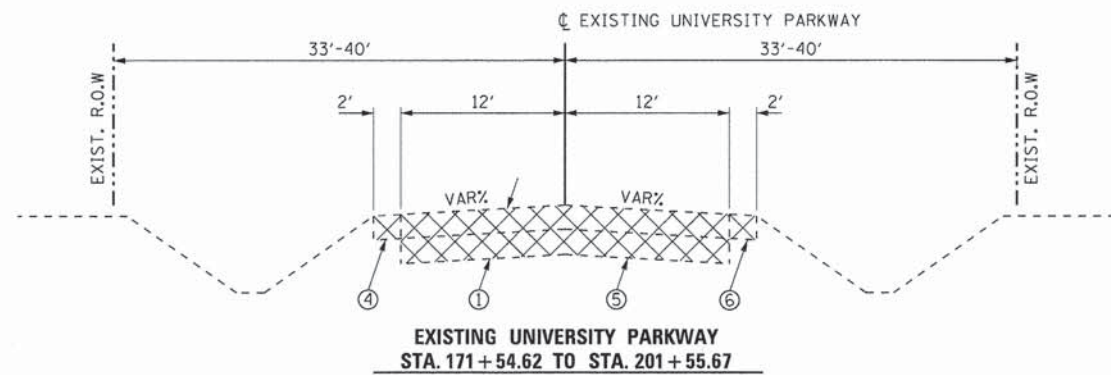
| | | |
|----------------------------------|------------------|-----------|
| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: drnsch_2.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 20.0000' / in. | CHECKED - KDN | REVISED - |
| PLOT DATE = 1/29/2015 4:38:12 PM | DATE - 1/16/2015 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE
UNIVERSITY PARKWAY

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 1637 | 96-00014-01-PV | WILL | 119 | 13 |
| CONTRACT NO. 61A75 | | | ILLINOIS FED. AID PROJECT | |

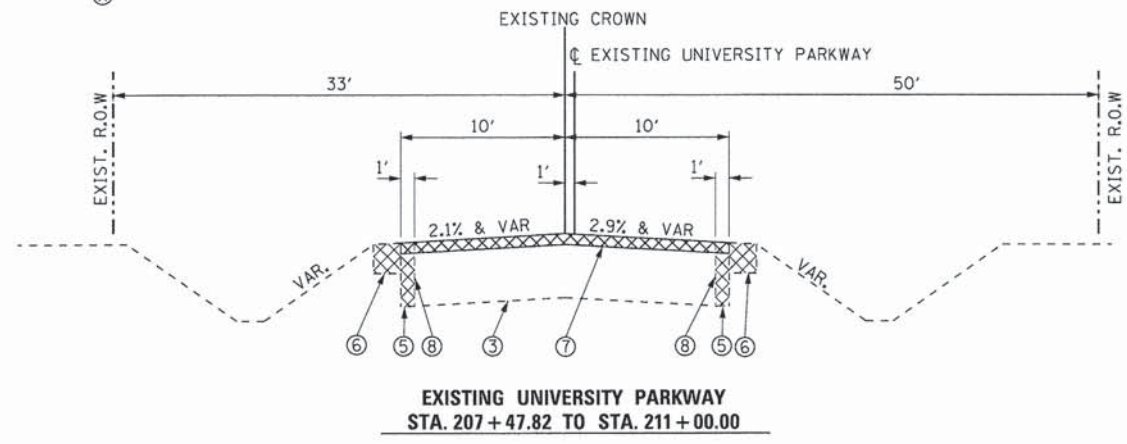
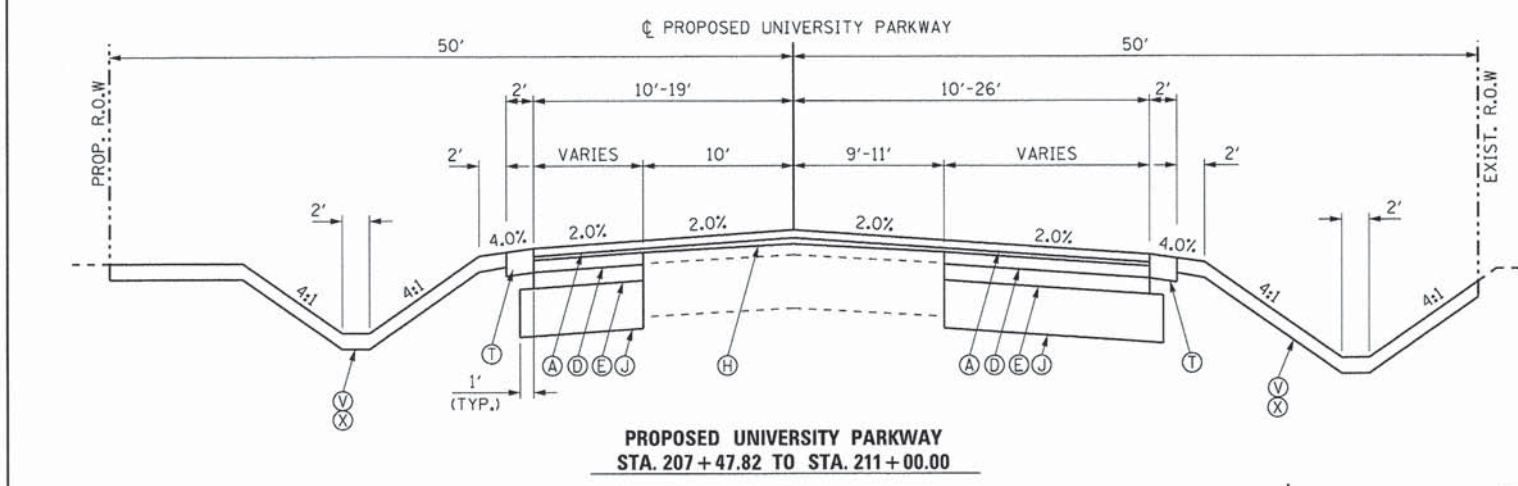
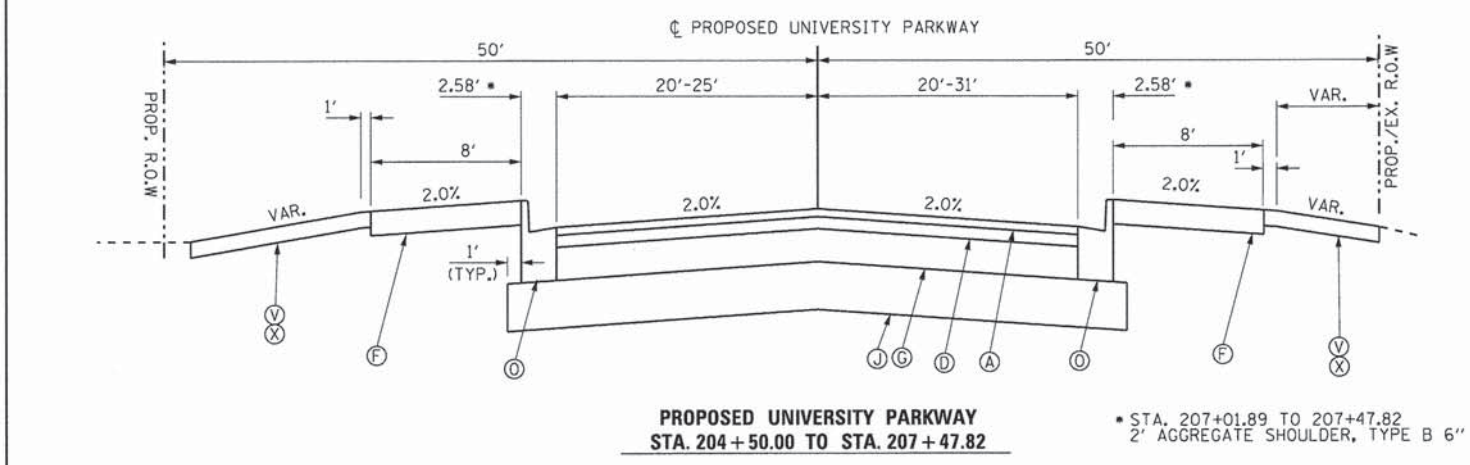
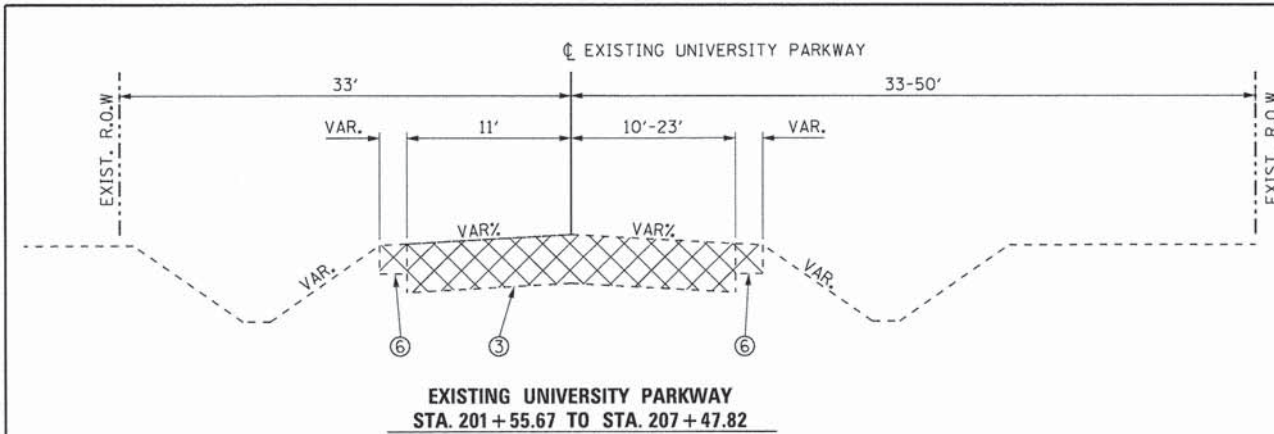


- PROPOSED LEGEND**
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0"
 - (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.0"
 - (C) "NOT USED"
 - (D) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3"
 - (E) HOT-MIX ASPHALT BASE COURSE, 4"
 - (F) PCC SIDEWALK, 5"
 - (G) HOT-MIX ASPHALT BASE COURSE, 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"
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 - (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)

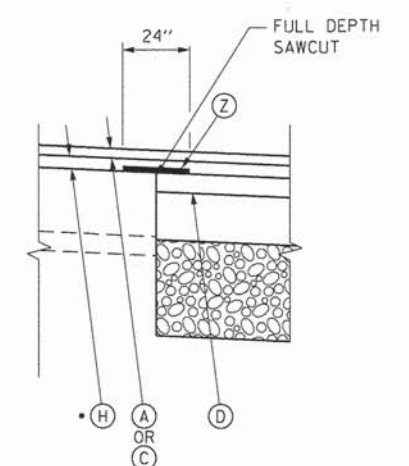
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|---|--|--|--|---|--|---|---|---------------------------|
| <small>License No. 184-000913</small> | USER NAME = Kristin Timmons FILE NAME = typicall.univpkwy.dgn PLOT SCALE = 10.0000' / 1" | DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 1/16/2015 | REVISED - REVISED - REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TYPICAL SECTIONS UNIVERSITY PARKWAY | F.A.U. RTE. 1637 SECTION 96-00014-01-PV COUNTY WILL TOTAL SHEETS 119 SHEET NO. 14 CONTRACT NO. 61A75 | SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA. | ILLINOIS FED. AID PROJECT |
| | PLOT DATE = 1/29/2015 4:38:13 PM | | | | | | | |



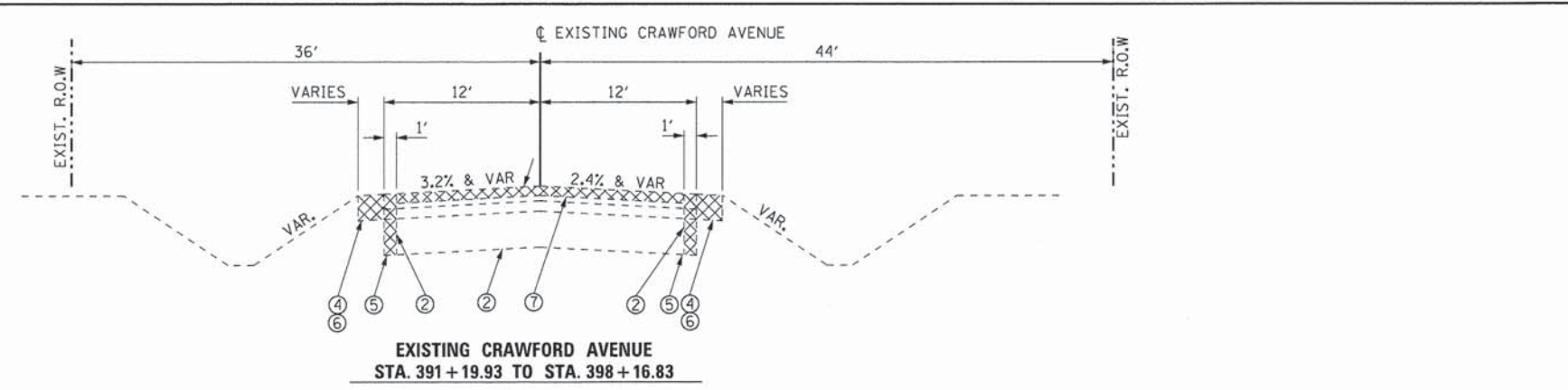
- PROPOSED LEGEND**
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0"
 - (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.0"
 - (C) "NOT USED"
 - (D) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3"
 - (E) HOT-MIX ASPHALT BASE COURSE, 4"
 - (F) PCC SIDEWALK, 5"
 - (G) HOT-MIX ASPHALT BASE COURSE, 7.5"
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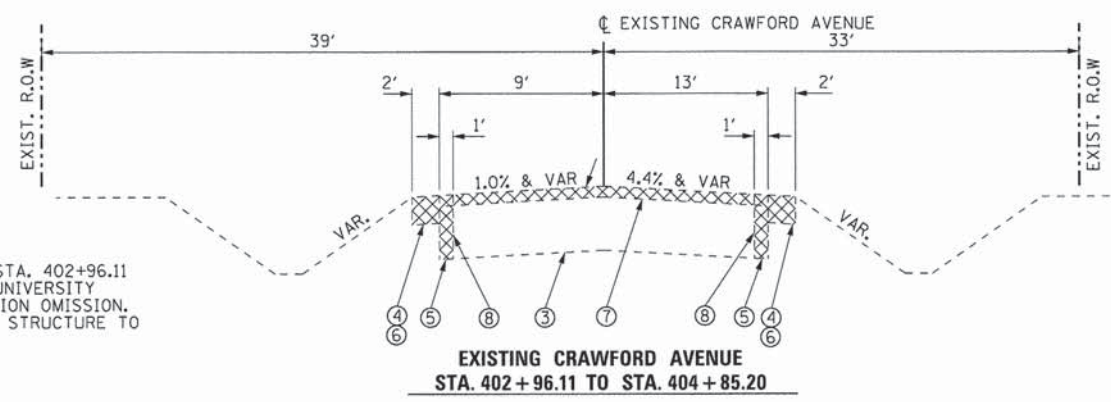


- (H) SHALL BE USED FOR LEVELING OPERATIONS OF THICKNESS 2 1/4" OR LESS. IT SHALL ALSO BE USED FOR THE TOP 2 1/4" OF LEVELING OPERATIONS OF ANY THICKNESS.
- (D) SHALL BE USED FOR LEVELING OPERATIONS OF THICKNESS GREATER THAN 2 1/4", BUT THE TOP 2 1/4" OF THE LEVELING OPERATION SHALL BE POLYMERIZED LEVELING BINDER.

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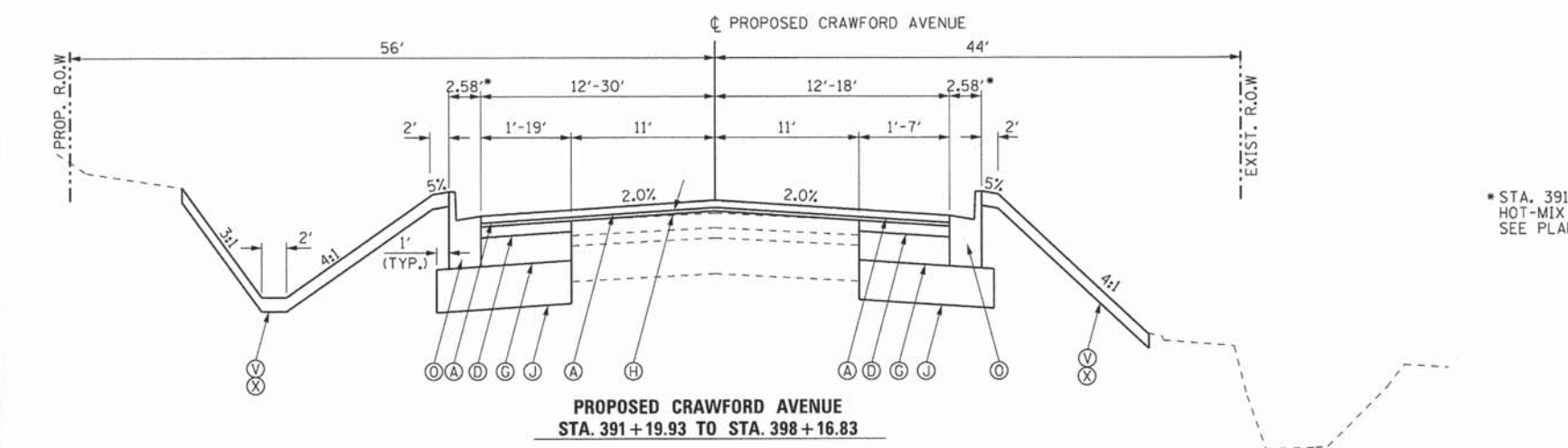


**EXISTING CRAWFORD AVENUE
STA. 391+19.93 TO STA. 398+16.83**



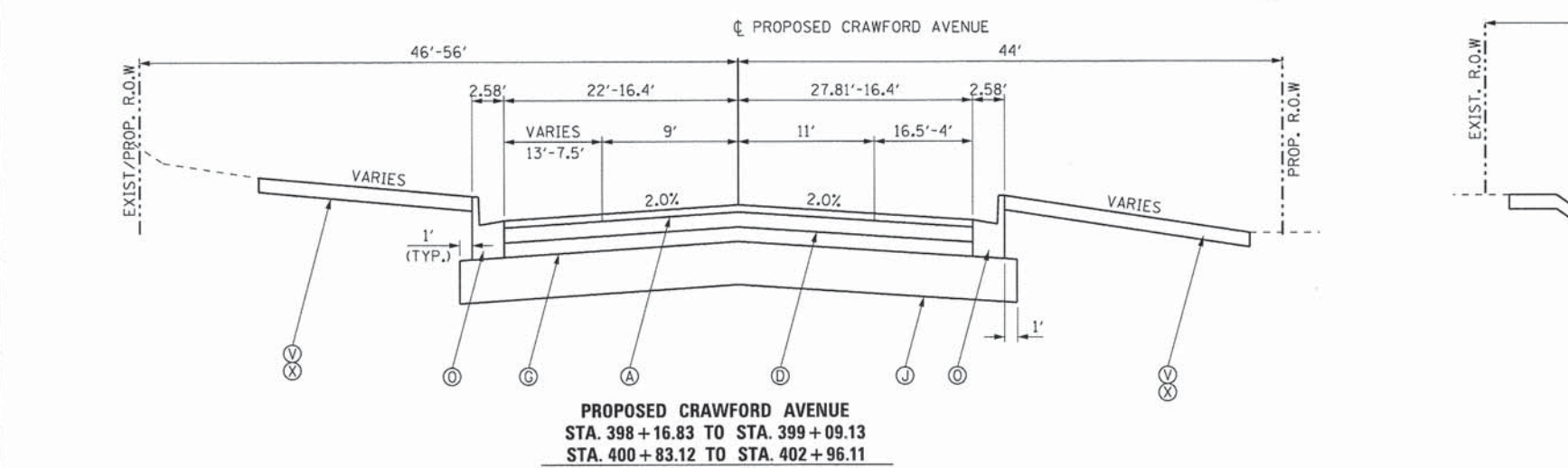
**EXISTING CRAWFORD AVENUE
STA. 402+96.11 TO STA. 404+85.20**

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

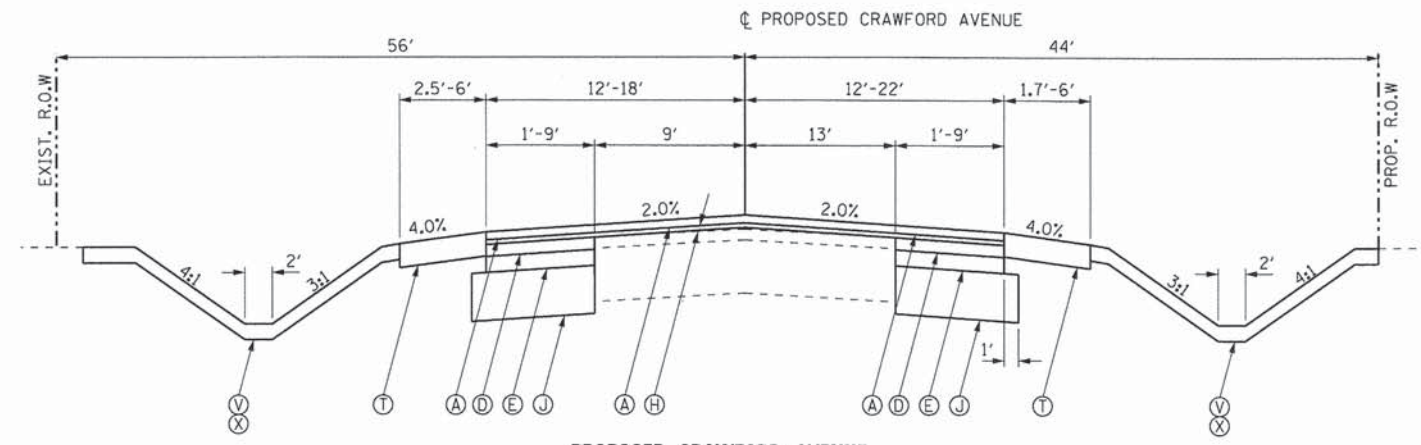


**PROPOSED CRAWFORD AVENUE
STA. 391+19.93 TO STA. 398+16.83**

* 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. 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**

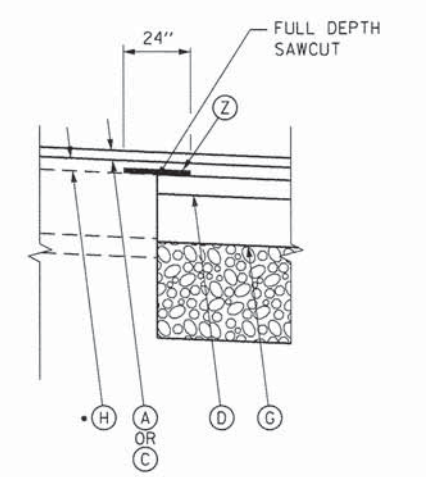
NOTE: STA. 398+92.95 TO STA. 400+83.12
CRAWFORD AVENUE/UNIVERSITY
PARKWAY INTERSECTION OMISSION.

PROPOSED LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0"
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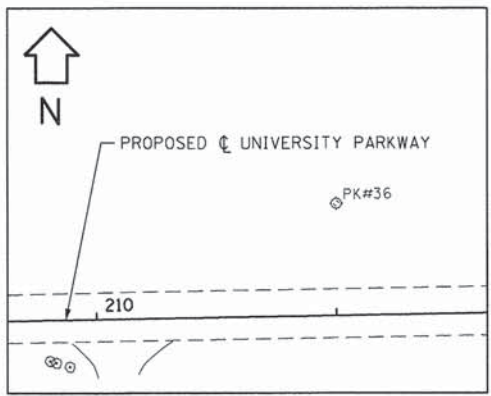
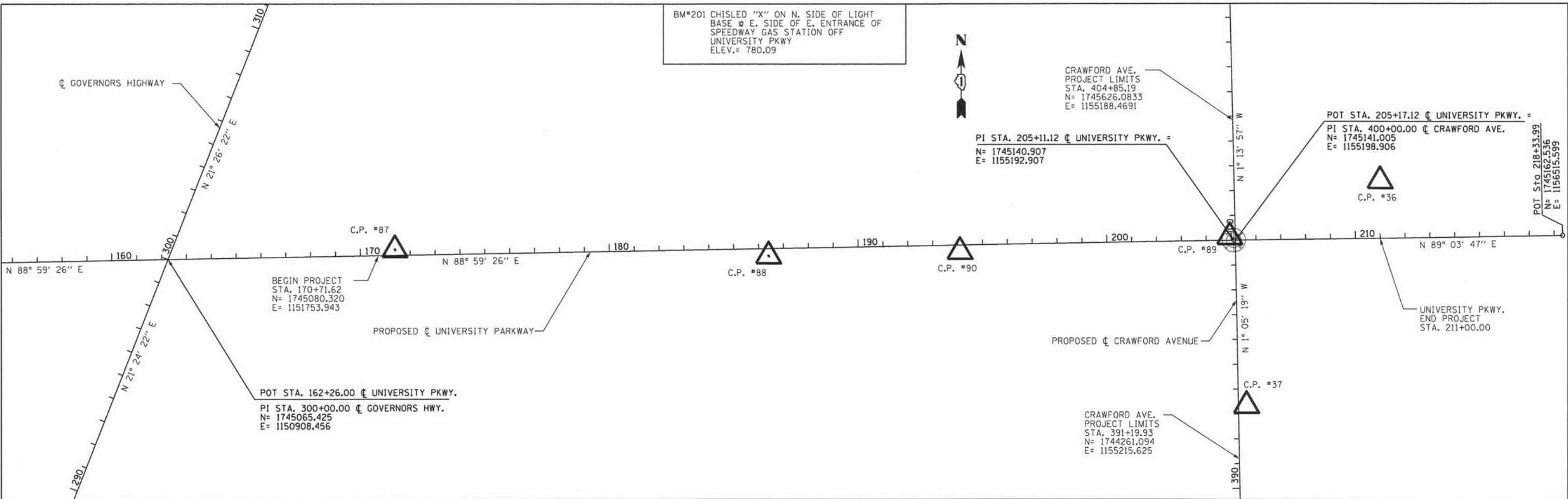


DETAIL A - WIDENING DETAIL (CRAWFORD AVENUE)

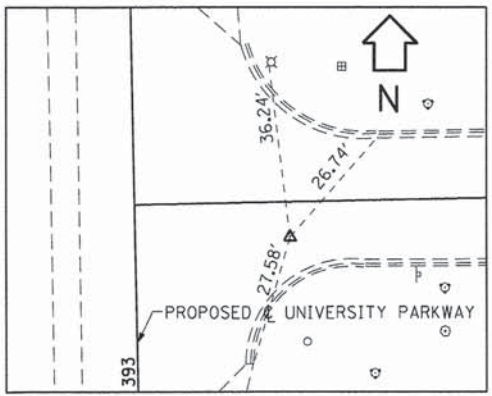
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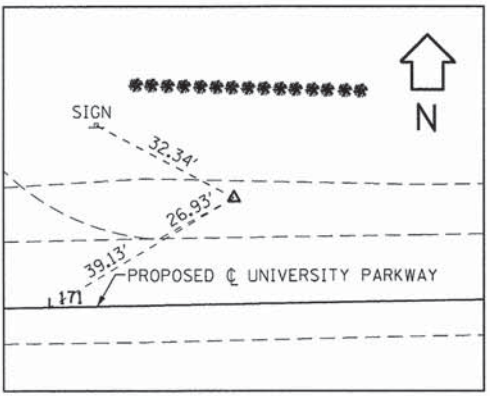
BM#201 CHISLED "X" ON N. SIDE OF LIGHT
BASE @ E. SIDE OF E. ENTRANCE OF
SPEEDWAY GAS STATION OFF
UNIVERSITY PKWY
ELEV.= 780.09



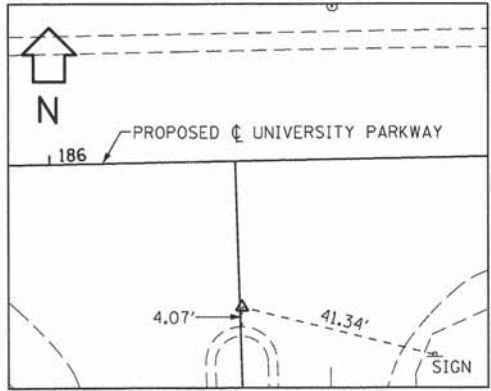
C.P. #36



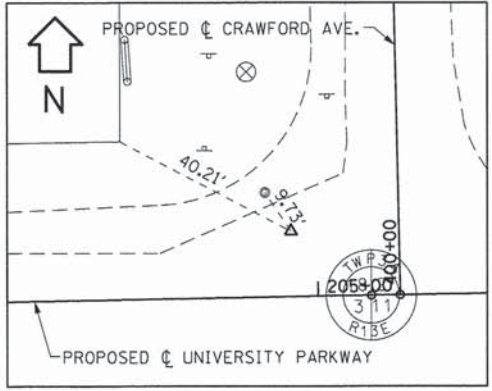
C.P. #37



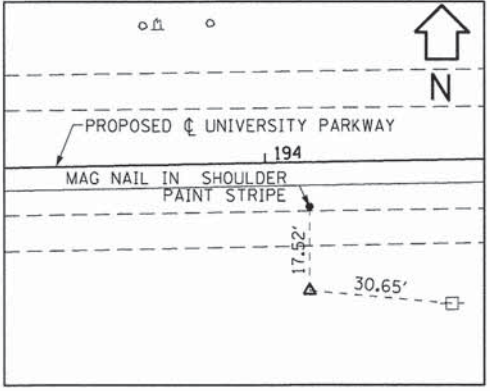
C.P. #87



C.P. #88



C.P. #89



C.P. #90

NOTES:
 1. ALL STATIONS AND OFFSETS ARE BASED ON PROPOSED C.
 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.) |

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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: atbl.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 200.0000' / in. | 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 | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| SCALE: 1"= 200' | | 1637 | 96-00014-01-PV | WILL | 119 | 17 |
| SHEET 1 OF 1 SHEETS | | STA. 162+26.00 TO STA. 218+33.99 | | 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 B"

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.

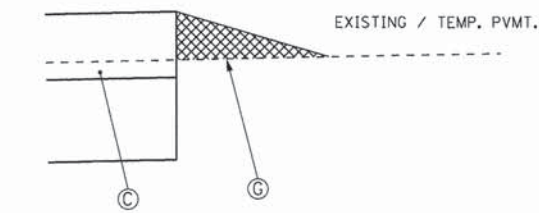
STAGE 2 MAJOR WORK ITEMS - UNIVERSITY PARKWAY/ CRAWFORD AVENUE

- 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.

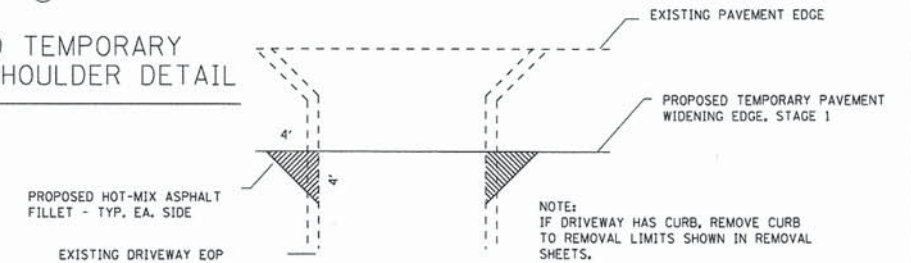
LEGEND

- ➔ 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.



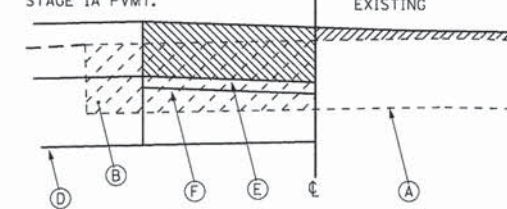
PROPOSED TEMPORARY AGGREGATE SHOULDER DETAIL



PROPOSED TEMPORARY DRIVEWAY FILLET DETAIL FOR TEMPORARY WIDENED PAVEMENT

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

COMPLETED STAGE 1A PVMT.



PROPOSED CROSS STREET CROSS-OVER DETAIL

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

LEGEND:

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

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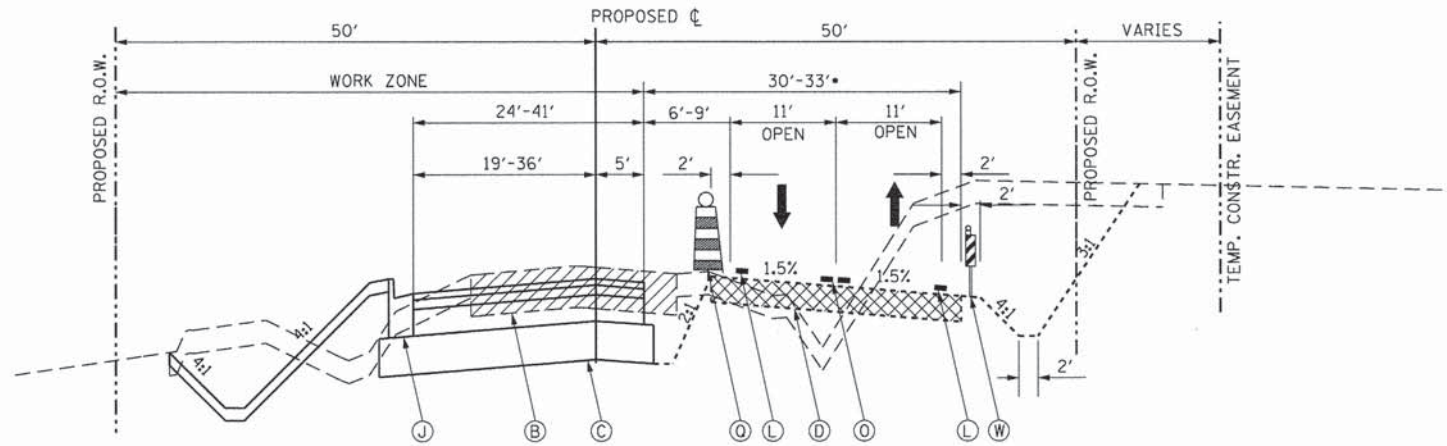
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| PLOT DATE = 1/29/2015 4:38:15 PM | DATE - 1/16/2015 | REVISED - |

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

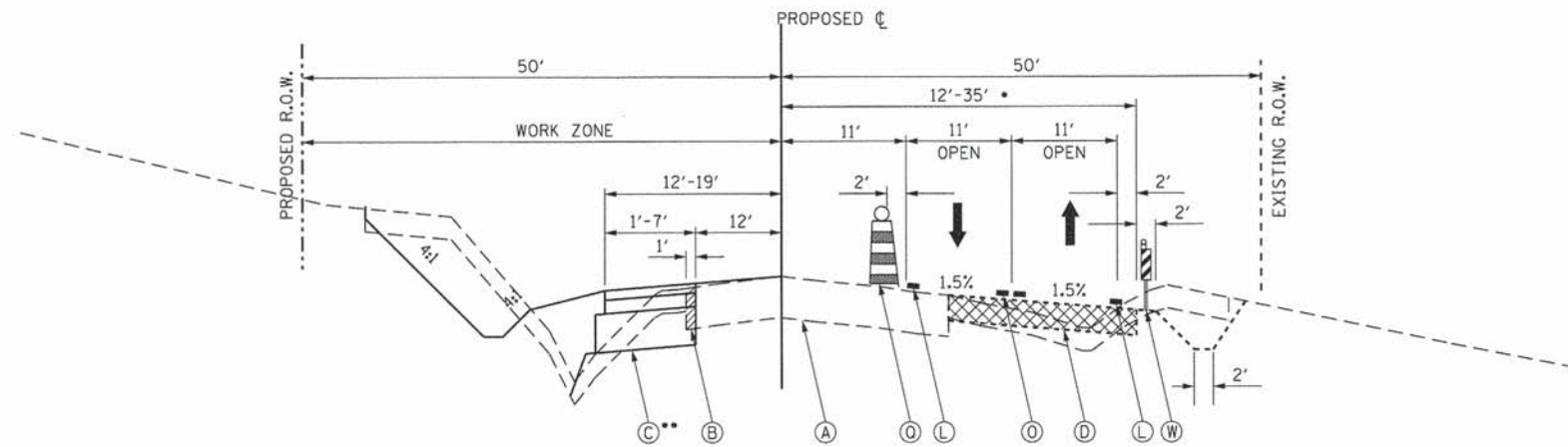
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|---------------------------|----------------|--------|--------------|-----------|
| F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 18 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT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



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

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DRAWN - AS
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DATE - 1/16/2015

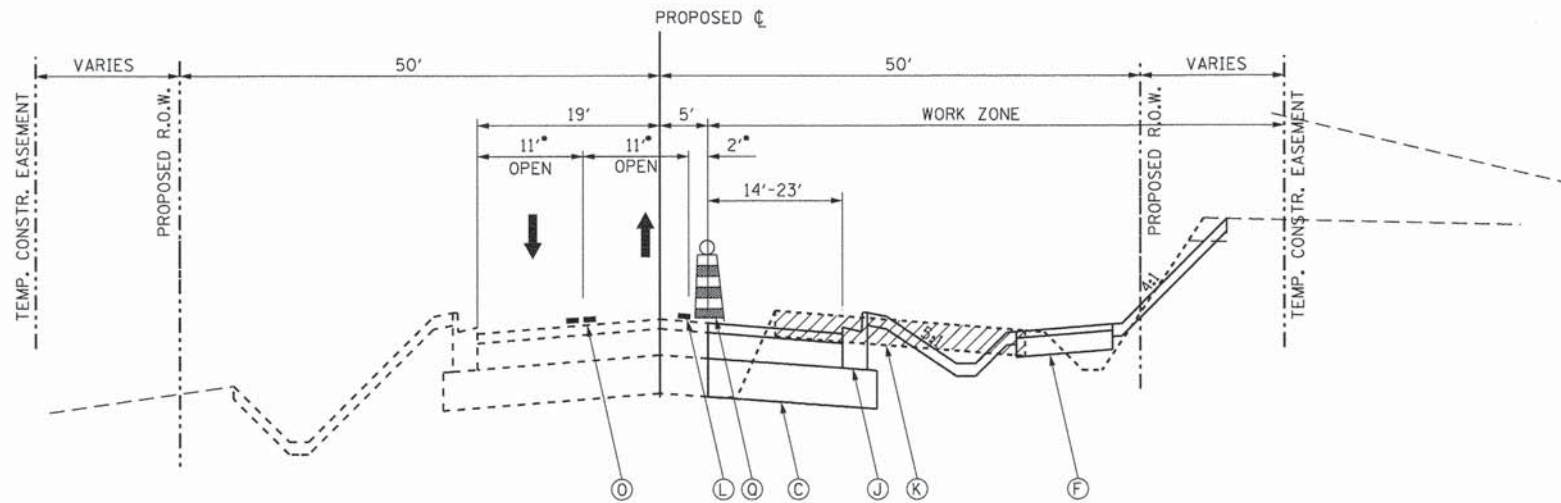
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REVISED -

**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

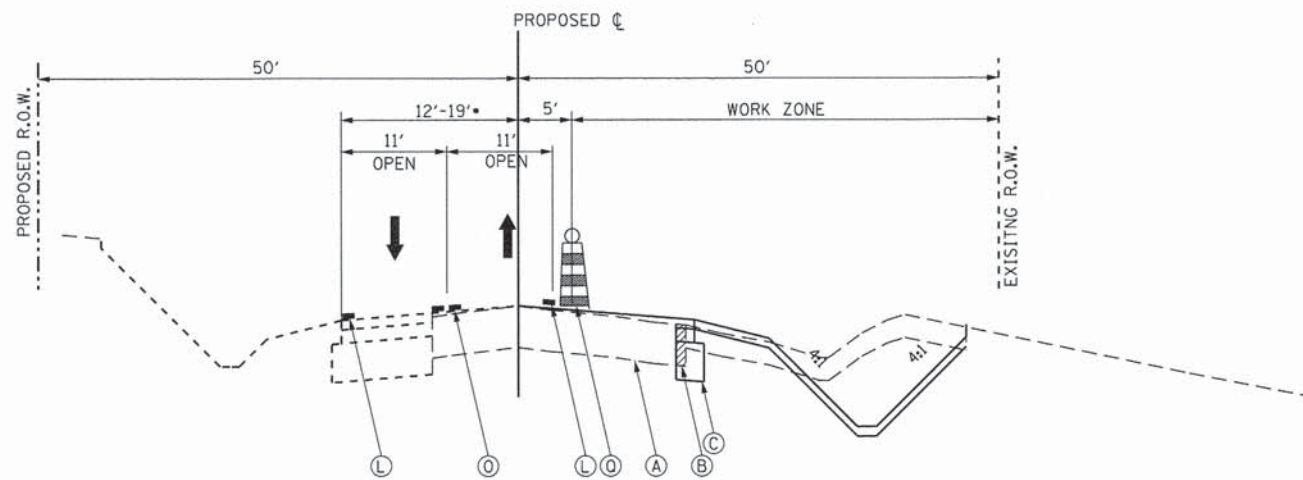
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|---------------------------|----------------|--------|--------------|-----------|
| 1637 | 96-00014-01-PV | WILL | 119 | 19 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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

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 PLOT DATE = 1/29/2015 4:38:16 PM

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

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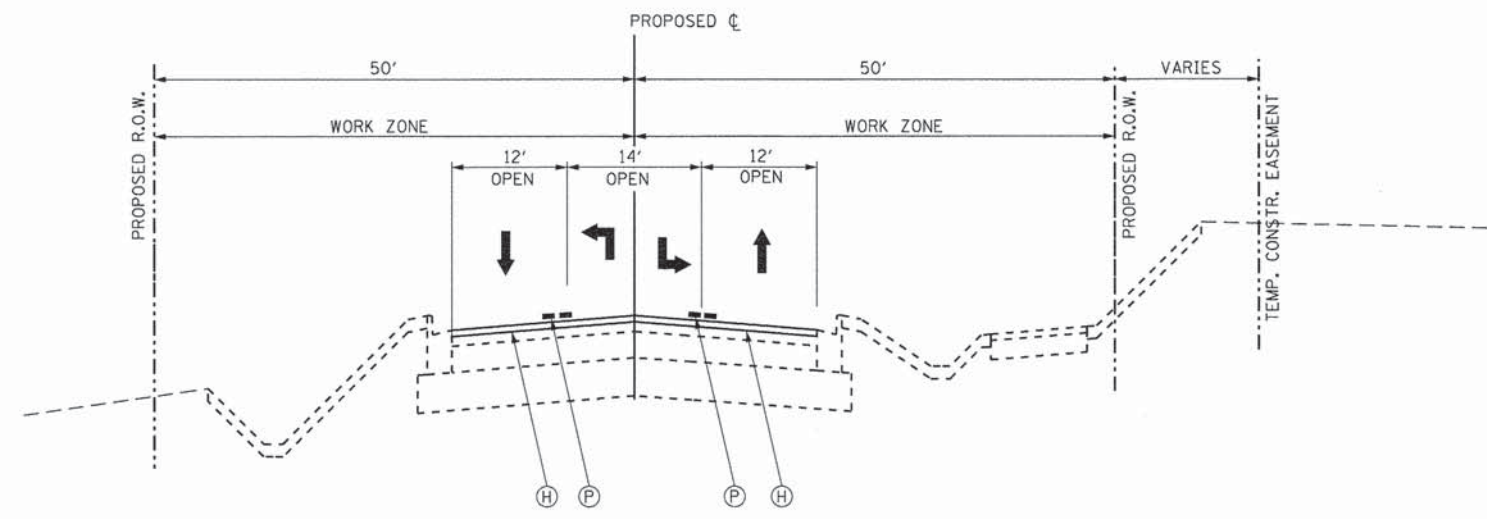
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

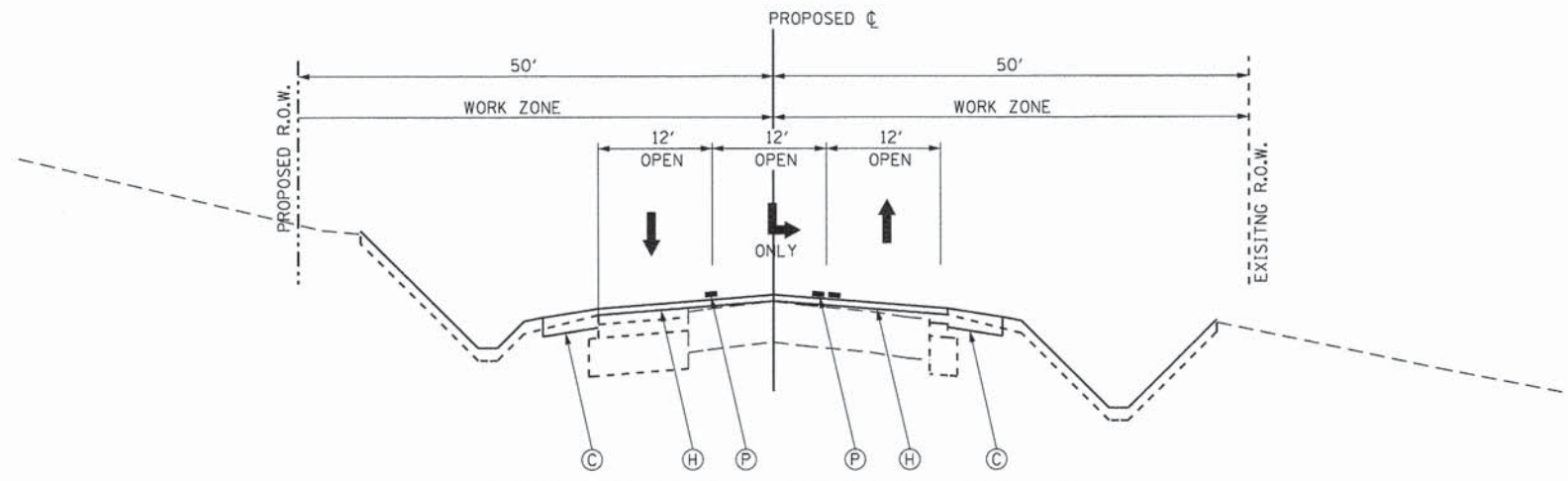
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|--------------------|
| 1637 | 96-00014-01-PV | WILL | 119 | 20 |
| | | | | CONTRACT NO. 61A75 |
| ILLINOIS FED. AID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

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



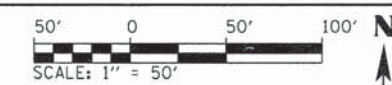
PROPOSED UNIVERSITY PARKWAY - STAGE 2
STA. 205+65.00 TO STA. 211+00.00

LEGEND:

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

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| | | | | | | | | | | | | |
|--|----------------------------------|------------------|-----------|---|--|----------------------|--|----------------------|----------------|--------|--------------|-----------|
| | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUGGESTED MAINTENANCE OF TRAFFIC TYPICAL SECTION STAGE 2 UNIVERSITY PARKWAY | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| | 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 | | | | |



WORK ZONE W21-1115(O)-3618

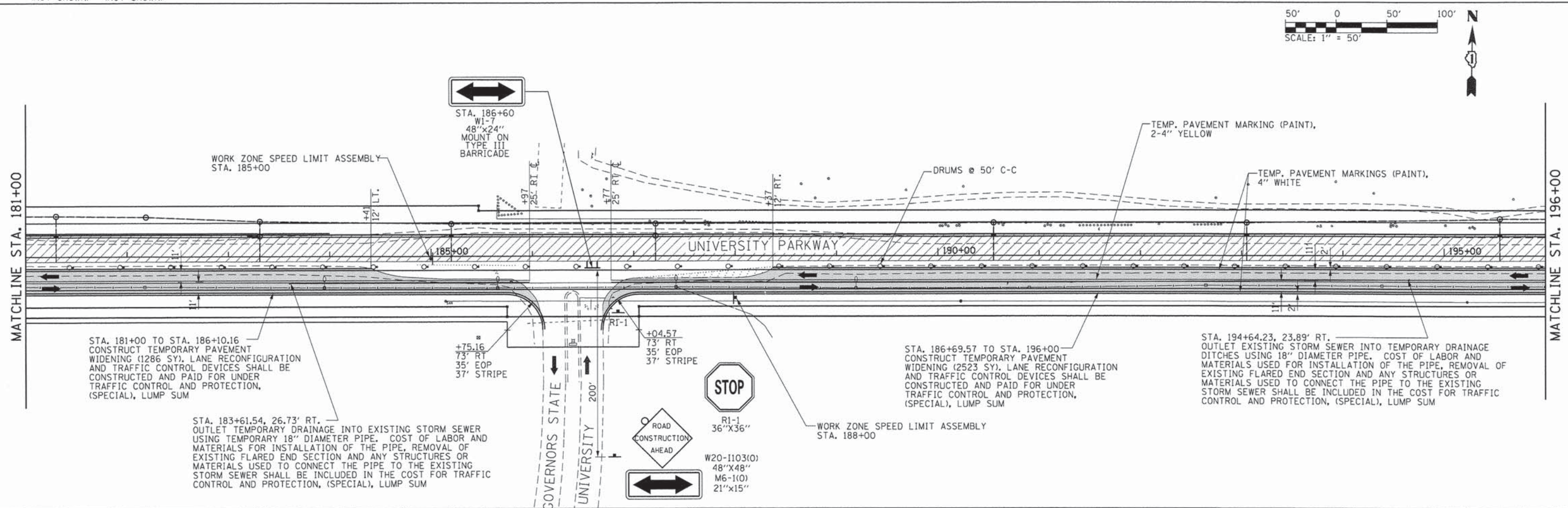
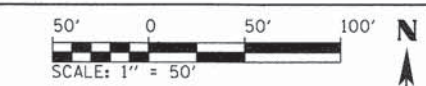
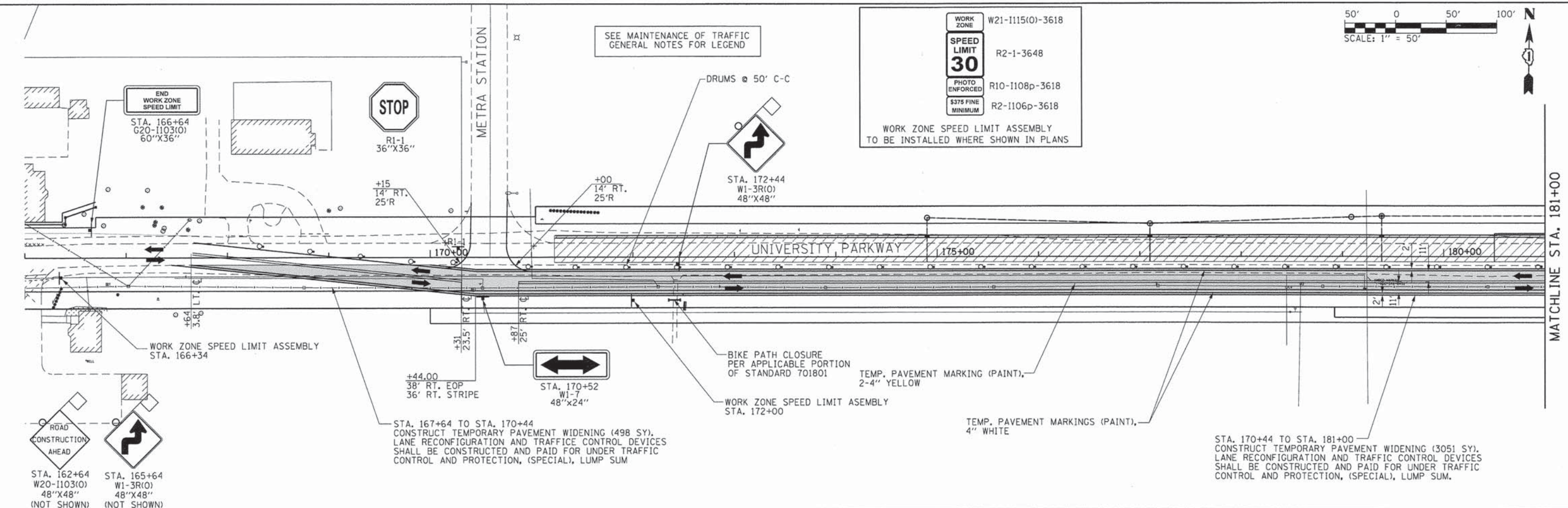
SPEED LIMIT 30 R2-1-3648

PHOTO ENFORCED R10-1108p-3618

\$375 FINE MINIMUM R2-1106p-3618

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

SEE MAINTENANCE OF TRAFFIC GENERAL NOTES FOR LEGEND



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| | | | | | | | | | | |
|---|---|-----------------------------------|-------------------------------------|---|---|------------------|------------------------|----------------------------|--------------------|--------------|
| | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1A UNIVERSITY PARKWAY | F.A.U. RTE. 1637 | SECTION 96-00014-01-PV | COUNTY WILL | TOTAL SHEETS 119 | SHEET NO. 22 |
| | FILE NAME: mot_stg1A.dgn | DRAWN - AS | REVISED - | | | SCALE: 1"=50' | SHEET 5 OF 10 SHEETS | STA. 166+00 TO STA. 196+00 | CONTRACT NO. 61A75 | |
| LICENSE NO. 184-009613 Copyright CMT, Inc. | PLOT SCALE = 50.0000' / in. PLOT DATE = 1/29/2015 4:38:17 PM | CHECKED - KDN DATE - 1/16/2015 | REVISED - REVISED - REVISED - | | | | | | | |

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.

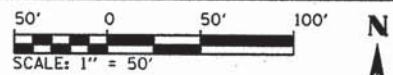
STA. 196+00 TO STA. 205+03.10
CONSTRUCT TEMPORARY PAVEMENT
WIDENING (2222 SY). LANE RECONFIGURATION
AND TRAFFIC CONTROL DEVICES SHALL BE
CONSTRUCTED AND PAID FOR UNDER
TRAFFIC CONTROL AND PROTECTION,
(SPECIAL), LUMP SUM

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

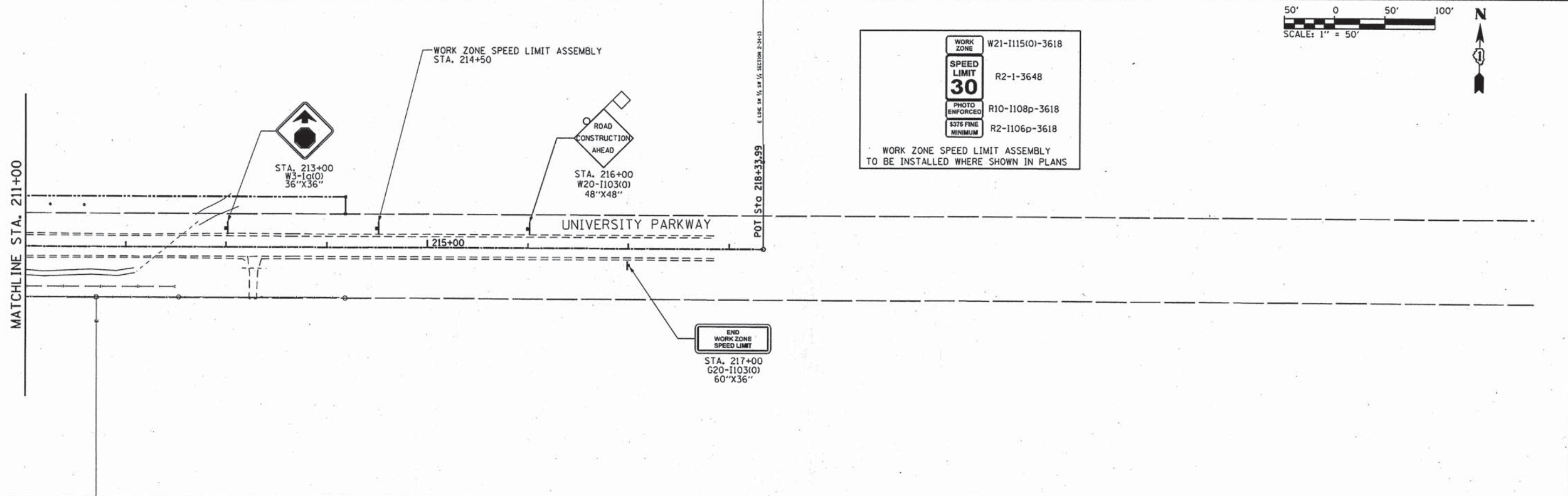
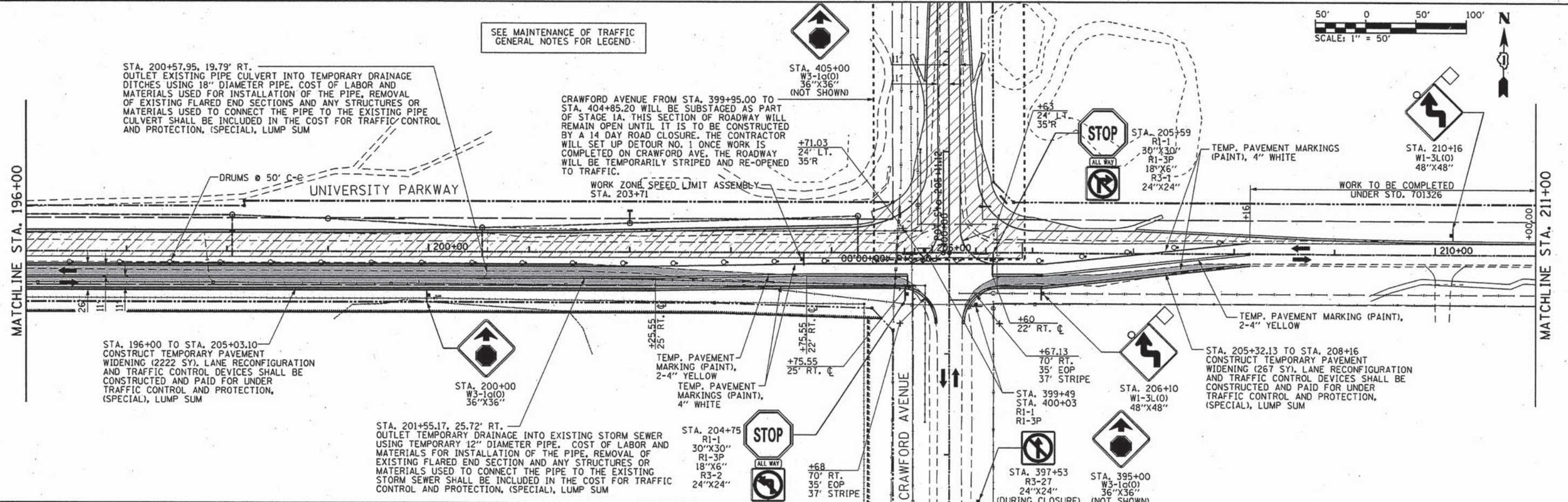
STA. 205+32.13 TO STA. 208+16
CONSTRUCT TEMPORARY PAVEMENT
WIDENING (267 SY). LANE RECONFIGURATION
AND TRAFFIC CONTROL DEVICES SHALL BE
CONSTRUCTED AND PAID FOR UNDER
TRAFFIC CONTROL AND PROTECTION,
(SPECIAL), LUMP SUM

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

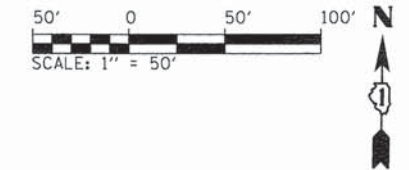
WORK ZONE SPEED LIMIT ASSEMBLY
TO BE INSTALLED WHERE SHOWN IN PLANS



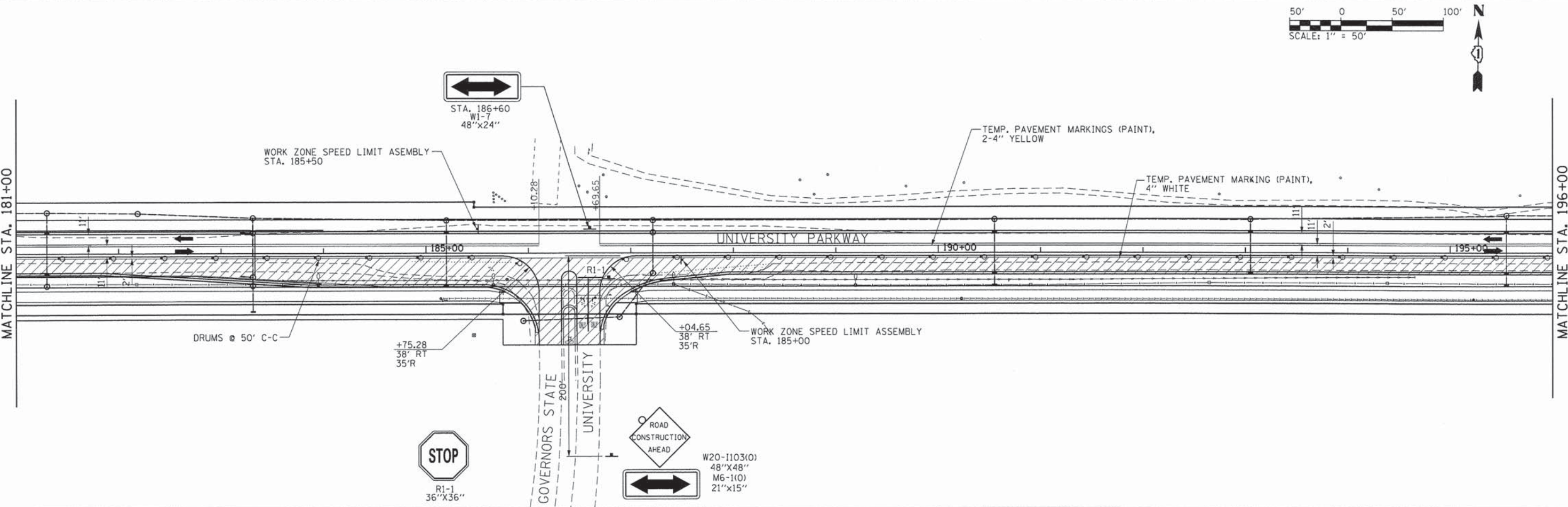
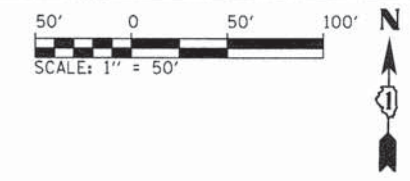
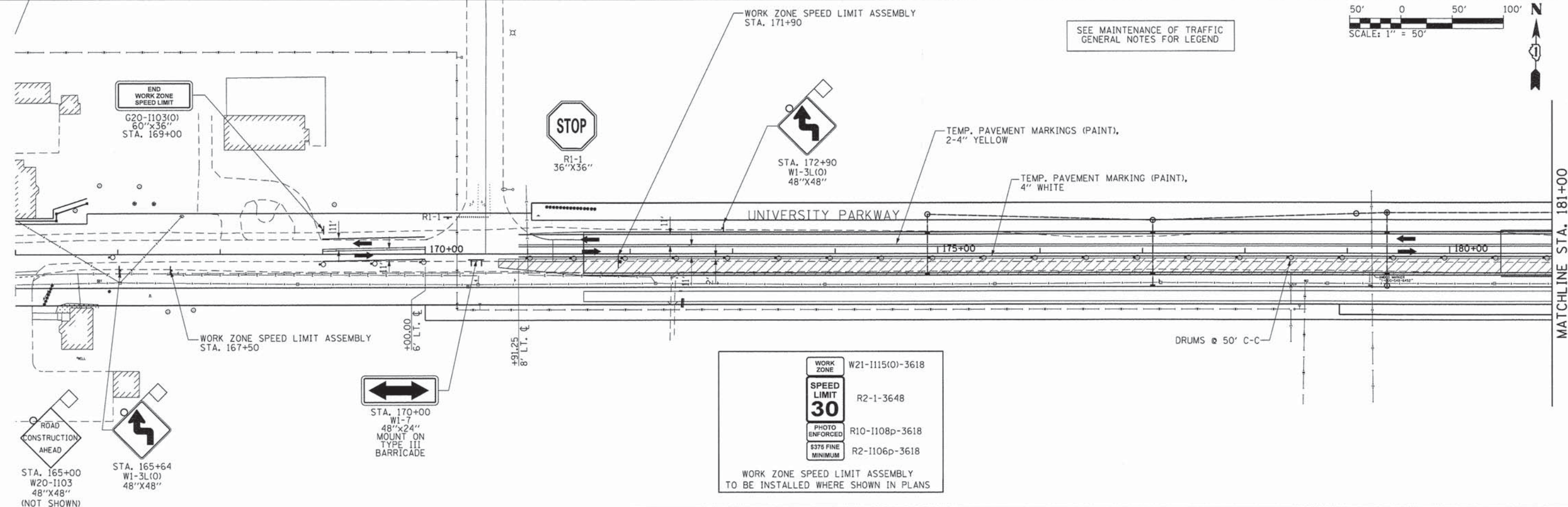
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3/26/2015



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|--|----------------------------------|------------------|-----------|---|---|--|---------------------|------------------------|-------------|------------------|--------------|---------------------------|--|--------------------|--|
| | USER NAME = Kristin Tummons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1A | | F.A.U. RTE. 1637 | SECTION 96-00014-01-PV | COUNTY WILL | TOTAL SHEETS 119 | SHEET NO. 23 | | | | |
| | FILE NAME: mot_stg1A_2.dgn | DRAWN - AS | REVISED - | | UNIVERSITY PARKWAY | | | | | | | | | | |
| | PLOT SCALE = 50.0000' / in. | CHECKED - KDN | REVISED - | | SCALE: 1"=50' | | | | | | | SHEET 6 OF 10 SHEETS | | CONTRACT NO. 61A75 | |
| | PLOT DATE = 3/26/2015 4:17:02 PM | DATE - 1/16/2015 | REVISED - | | STA. 196+00 TO STA. 218+33.99 | | | | | | | ILLINOIS FED. AID PROJECT | | | |



SEE MAINTENANCE OF TRAFFIC
GENERAL NOTES FOR LEGEND



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1/29/2015



| | | |
|----------------------------------|------------------|-----------|
| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: mot_stg1B.dgn | DRAWN - AS | REVISED - |
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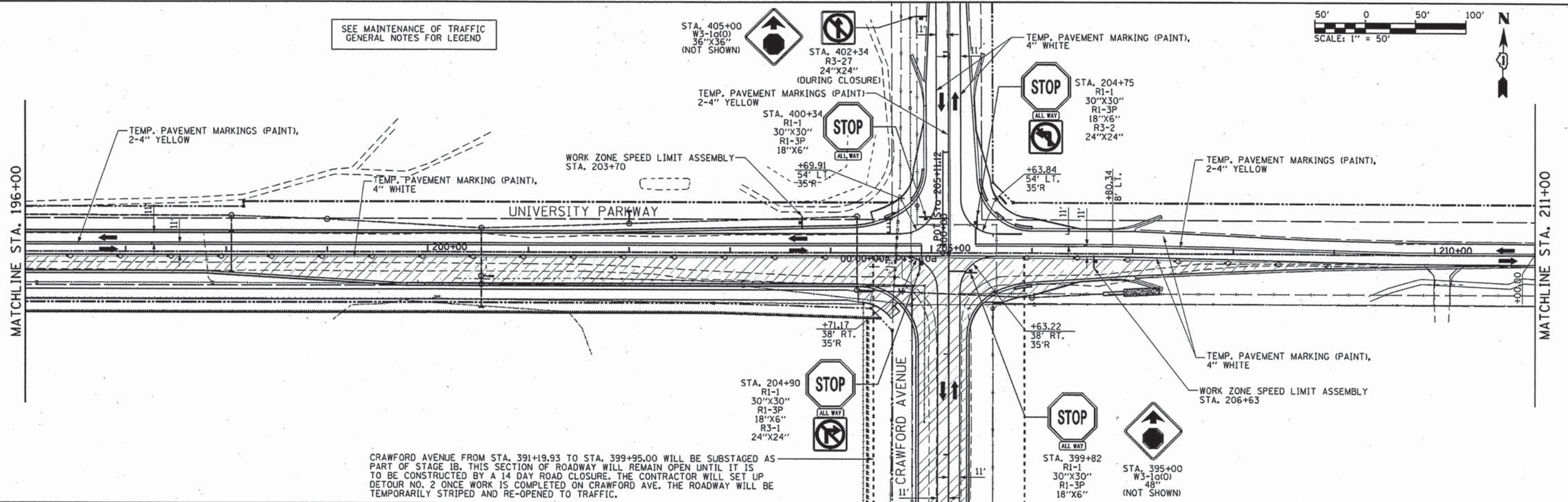
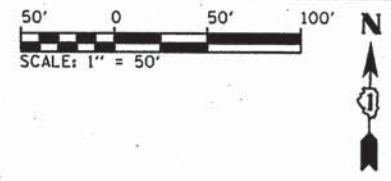
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

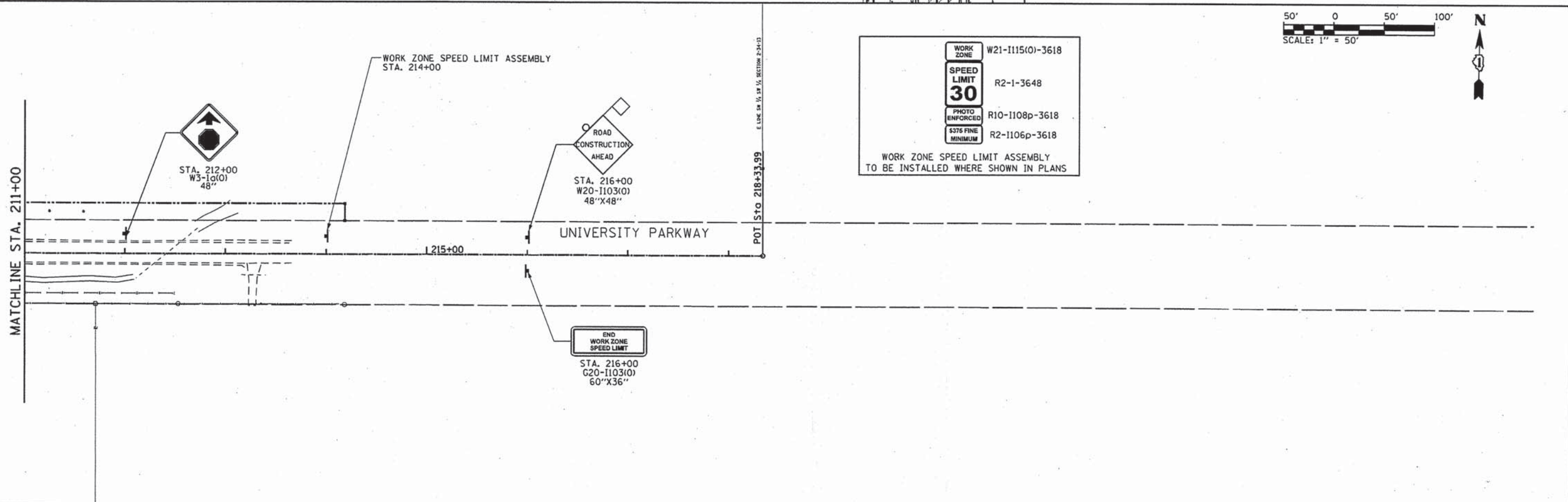
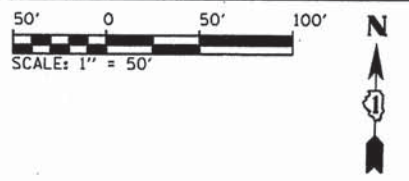
SCALE: 1"=50' SHEET 7 OF 10 SHEETS STA. 166+00 TO STA. 196+00

| 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.



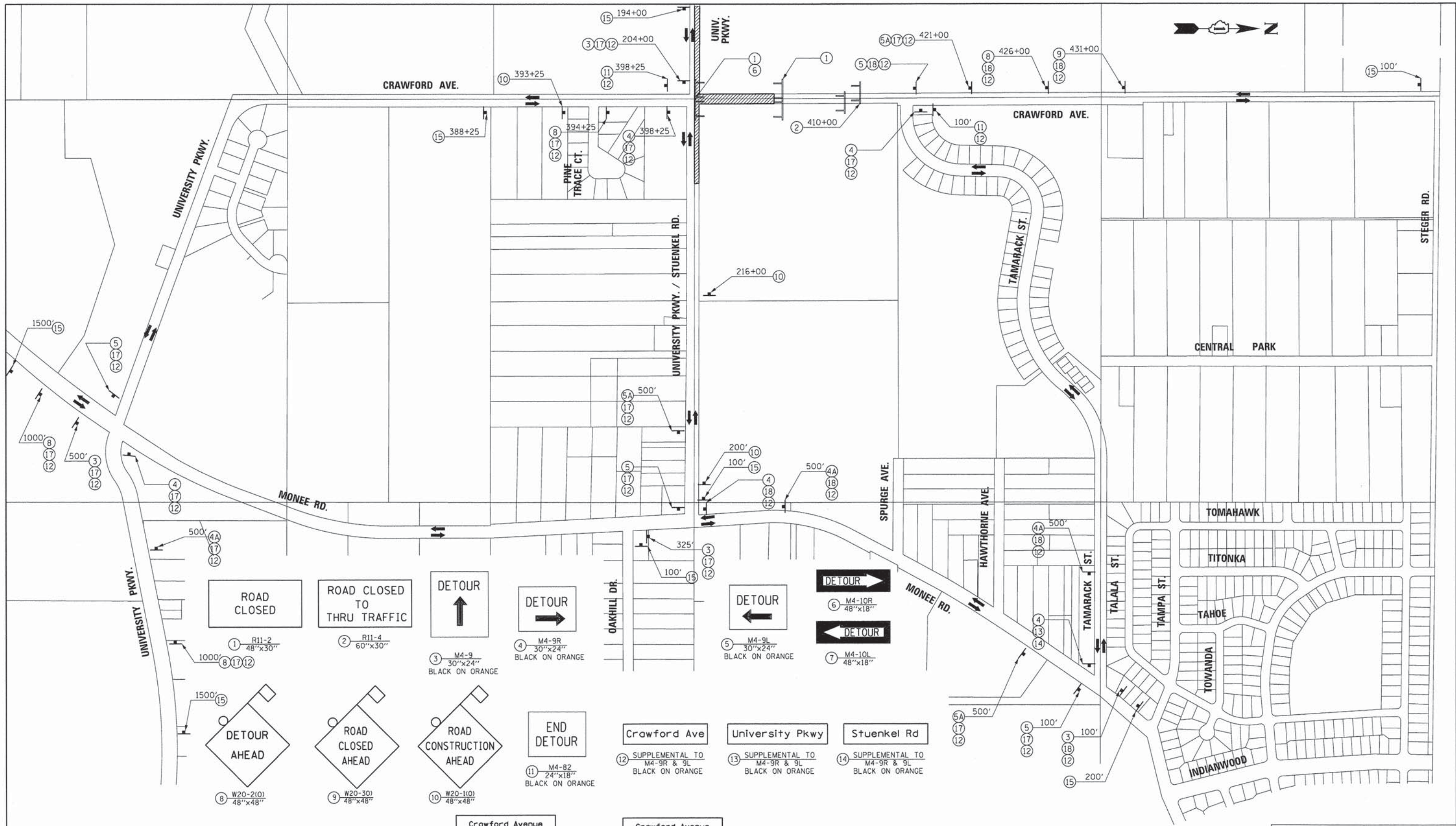
| | |
|--------------------|------------------|
| WORK ZONE | W21-1115(O)-3618 |
| SPEED LIMIT | R2-1-3648 |
| 30 | |
| PHOTO ENFORCED | R10-1108p-3618 |
| \$375 FINE MINIMUM | R2-1106p-3618 |

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

L:\UNIPARK\4220-01\Unipark\FastSec\Draw\CADD_Sheets\mot_strgB_2.dgn
3/26/2015

| | | | | | | | | | | |
|--|----------------------------------|------------------|-----------|---|---|----------------------|----------------|-------------------------------|--------------|-----------|
| | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1B UNIVERSITY PARKWAY | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | FILE NAME: mot_strgB_2.dgn | DRAWN - AS | REVISED - | | | 1637 | 96-00014-01-PV | WILL | 119 | 25 |
| | PLOT SCALE = 58.0000' / in. | CHECKED - KDN | REVISED - | | | CONTRACT NO. 61A75 | | ILLINOIS FED. AID PROJECT | | |
| | PLOT DATE = 3/26/2015 4:17:03 PM | DATE - 1/16/2015 | REVISED - | | SCALE: 1"=50' | SHEET 8 OF 10 SHEETS | | STA. 196+00 TO STA. 218+33.99 | | |

L:\UNIVPARK\14220-01\univpkwyEastSec\Draw\CA00_Sheets\mot_detour.dgn
1/29/2015



| | | | | | | |
|--|--|--|--|--|---|---|
| ROAD CLOSED 1 R11-2 48"x30" | ROAD CLOSED TO THRU TRAFFIC 2 R11-4 60"x30" | DETOUR 3 M4-9 30"x24" BLACK ON ORANGE | DETOUR 4 M4-9R 30"x24" BLACK ON ORANGE | DETOUR 5 M4-9L 30"x24" BLACK ON ORANGE | DETOUR 6 M4-10R 48"x18" | DETOUR 7 M4-10L 48"x18" |
| DETOUR AHEAD 8 W20-2(0) 48"x48" | ROAD CLOSED AHEAD 9 W20-3(0) 48"x48" | ROAD CONSTRUCTION AHEAD 10 W20-1(0) 48"x48" | END DETOUR 11 M4-B2 24"x18" BLACK ON ORANGE | Crawford Ave 12 SUPPLEMENTAL TO M4-9R & 9L BLACK ON ORANGE | University Pkwy 13 SUPPLEMENTAL TO M4-9R & 9L BLACK ON ORANGE | Stuenkel Rd 14 SUPPLEMENTAL TO M4-9R & 9L BLACK ON ORANGE |
| DETOUR 4A 30"x24" BLACK ON ORANGE | DETOUR 5A 30"x24" BLACK ON ORANGE | Crawford Avenue CLOSED Stuenkel Road To Tamarack Street FOLLOW DETOUR 15 SPECIAL INFORMATION SIGN NO. 1 60"x48" BLACK ON ORANGE | Crawford Avenue CLOSED Pine Trace Ct To Stuenkel Road FOLLOW DETOUR 16 SPECIAL INFORMATION SIGN NO. 1 60"x48" BLACK ON ORANGE | NORTH 17 M3-1(0) 24"x12" | SOUTH 18 M3-3(0) 24"x12" | |

NOTE:
CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS ON CRAWFORD AVENUE. REMOVE AND BUILD CRAWFORD AVENUE ONE HALF AT A TIME TO MAINTAIN ACCESS

| LEGEND | |
|--------|-------------------------------|
| | WORK ZONE |
| | DIRECTION OF TRAFFIC FLOW |
| | TYPE III BARRICADE |
| | PROPOSED TRAFFIC CONTROL SIGN |



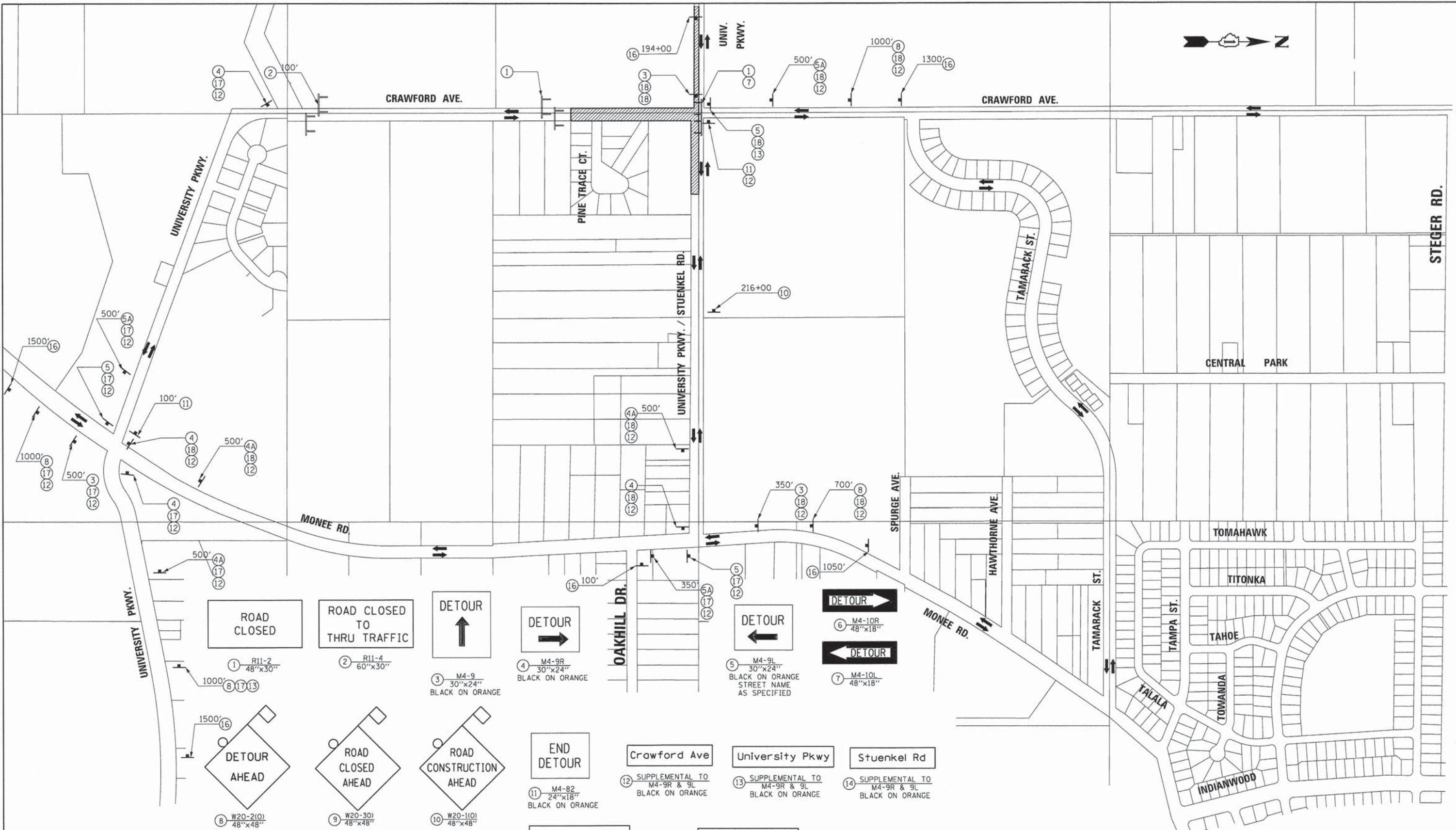
| | | |
|----------------------------------|------------------|-----------|
| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME = mot_detour.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 3/8"=1' / in. | CHECKED - KDN | REVISED - |
| PLOT DATE = 1/29/2015 4:36:21 PM | DATE - 1/16/2015 | 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. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 26 |
| CONTRACT NO. 61A75 | | | ILLINOIS FED. AID PROJECT | |



ROAD CLOSED (1) R11-2 48"x30"

ROAD CLOSED TO THRU TRAFFIC (2) R11-4 60"x30"

DETOUR (3) M4-9 30"x24" BLACK ON ORANGE

DETOUR (4) M4-9R 30"x24" BLACK ON ORANGE

DETOUR (5) M4-9L 30"x24" BLACK ON ORANGE STREET NAME AS SPECIFIED

DETOUR (6) M4-10R 48"x18"

DETOUR (7) M4-10L 48"x18"

DETOUR AHEAD (8) W20-2(0) 48"x48"

ROAD CLOSED AHEAD (9) W20-3(0) 48"x48"

ROAD CONSTRUCTION AHEAD (10) W20-1(0) 48"x48"

END DETOUR (11) M4-B2 24"x18" BLACK ON ORANGE

Crawford Ave (12) SUPPLEMENTAL TO M4-9R & 9L BLACK ON ORANGE

University Pkwy (13) SUPPLEMENTAL TO M4-9R & 9L BLACK ON ORANGE

Stuenkel Rd (14) SUPPLEMENTAL TO M4-9R & 9L BLACK ON ORANGE

DETOUR (4A) 30"x24" BLACK ON ORANGE

DETOUR (5A) 30"x24" BLACK ON ORANGE

Crawford Avenue CLOSED (15) SPECIAL INFORMATION SIGN NO. 1 60"x48" BLACK ON ORANGE

Crawford Avenue CLOSED (16) SPECIAL INFORMATION SIGN NO. 1 60"x48" BLACK ON ORANGE

DETOUR (17) M3-1(0) 24"x12"

DETOUR (18) M3-3(0) 24"x12"

NORTH **SOUTH**

NOTE:
CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS ON CRAWFORD AVENUE. REMOVE AND BUILD CRAWFORD AVENUE ONE HALF AT A TIME TO MAINTAIN ACCESS

LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- PROPOSED TRAFFIC CONTROL SIGN

L:\UNIVPARK\14220-01\UnivPkwyEastSec\0r\CA00_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' / in. | CHECKED - KDN | REVISED - |
| PLOT DATE = 1/29/2015 4:38:22 PM | DATE - 1/16/2015 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

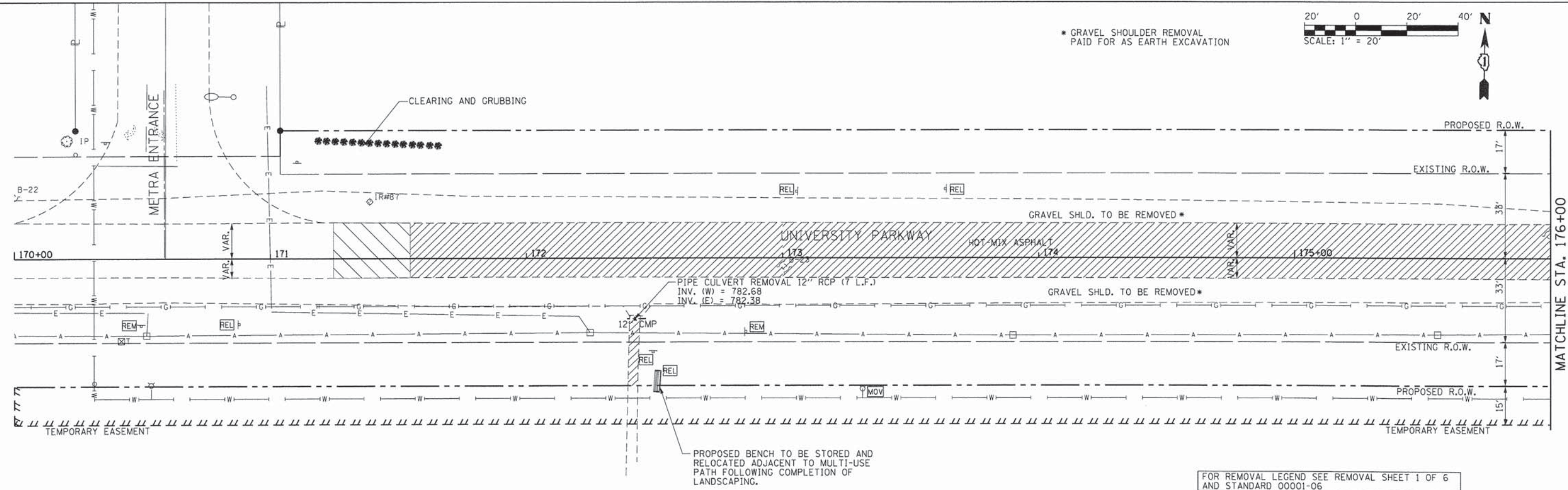
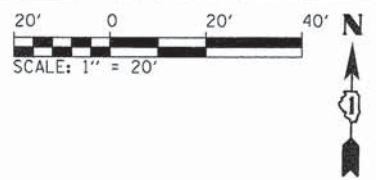
SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1B
DETOUR 2

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

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 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\4220-01\UnivPkwyEastSec\Draw\CADD_Sheets\Rem_Tnew.dgn 2/2/2015

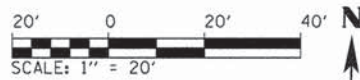
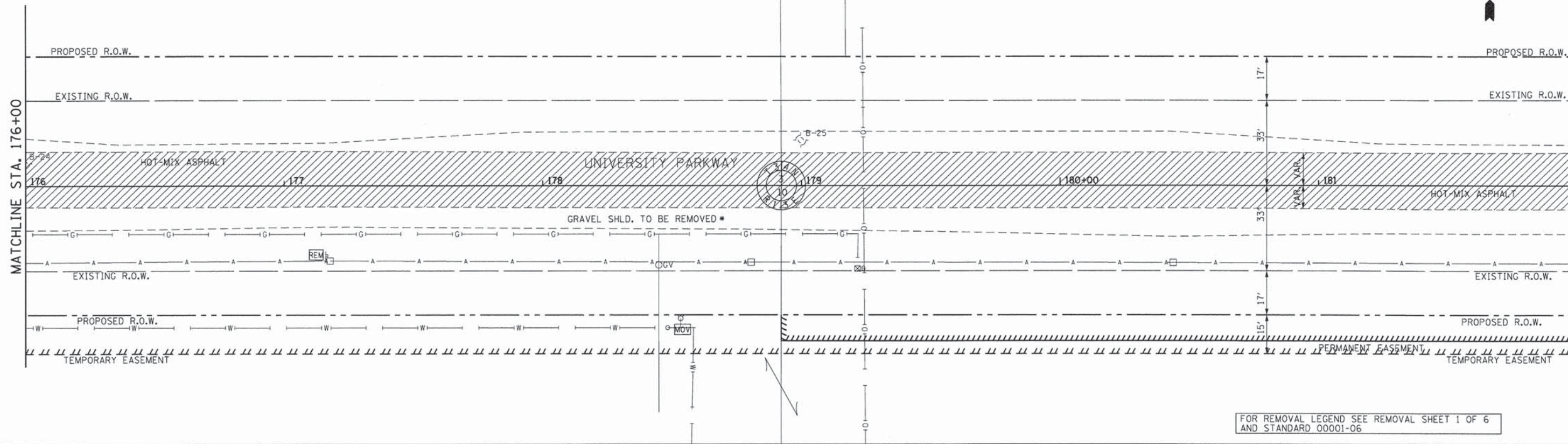
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|--|---------------------------------|------------------|-----------|---|---|---------------------|----------------------------|------------------------|-------------|------------------|--------------|
| | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | REMOVAL PLANS UNIVERSITY PARKWAY | | 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 | | | |
| | PLOT SCALE = 20.0000' / in. | CHECKED - KDN | REVISED - | | | | ILLINOIS FED. AID PROJECT | | | | |
| | PLOT DATE = 2/2/2015 9:31:30 AM | DATE - 1/16/2015 | REVISED - | | | | | | | | |

* GRAVEL SHOULDER REMOVAL PAID FOR AS EARTH EXCAVATION



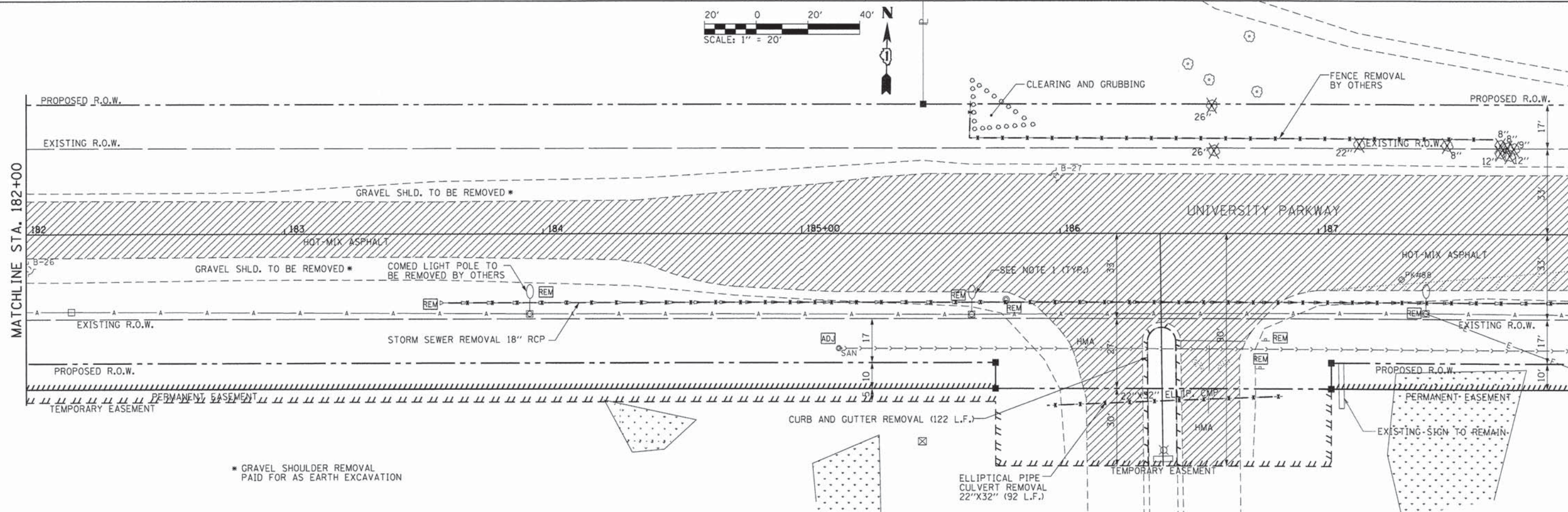
MATCHLINE STA. 176+00

MATCHLINE STA. 182+00



MATCHLINE STA. 182+00

MATCHLINE STA. 188+00



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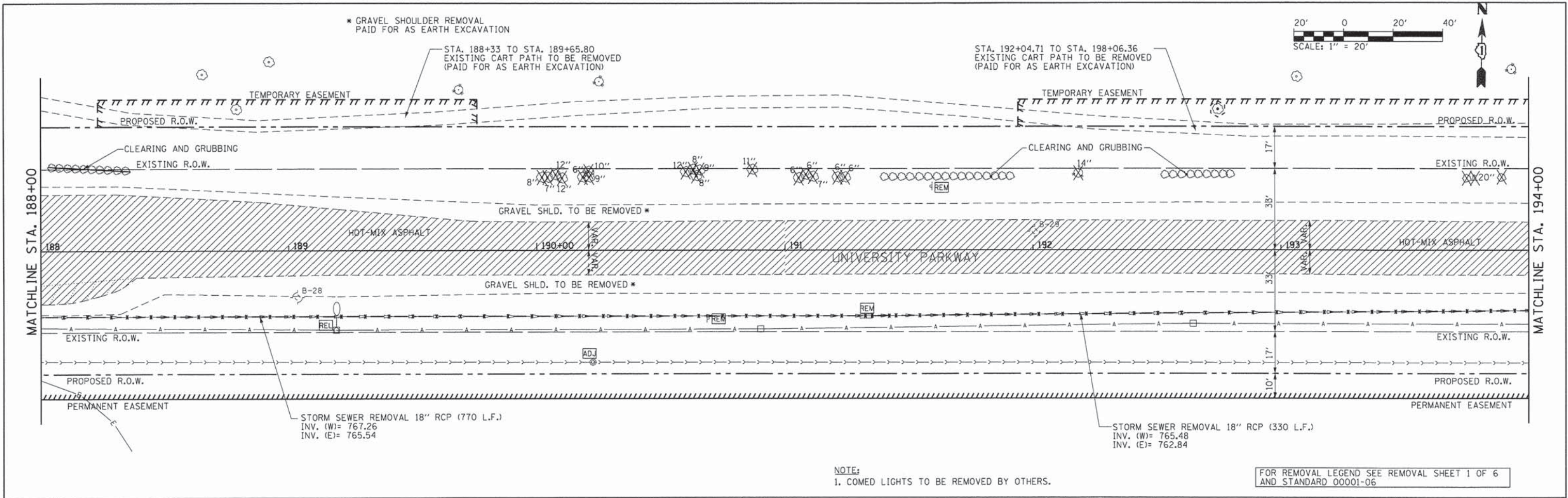
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|---------------------------------|------------------|-----------|
| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: rem_8new.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 20.0000' / 1" | CHECKED - KDN | REVISED - |
| PLOT DATE = 2/2/2015 9:31:31 AM | DATE - 1/16/2015 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
UNIVERSITY PARKWAY**

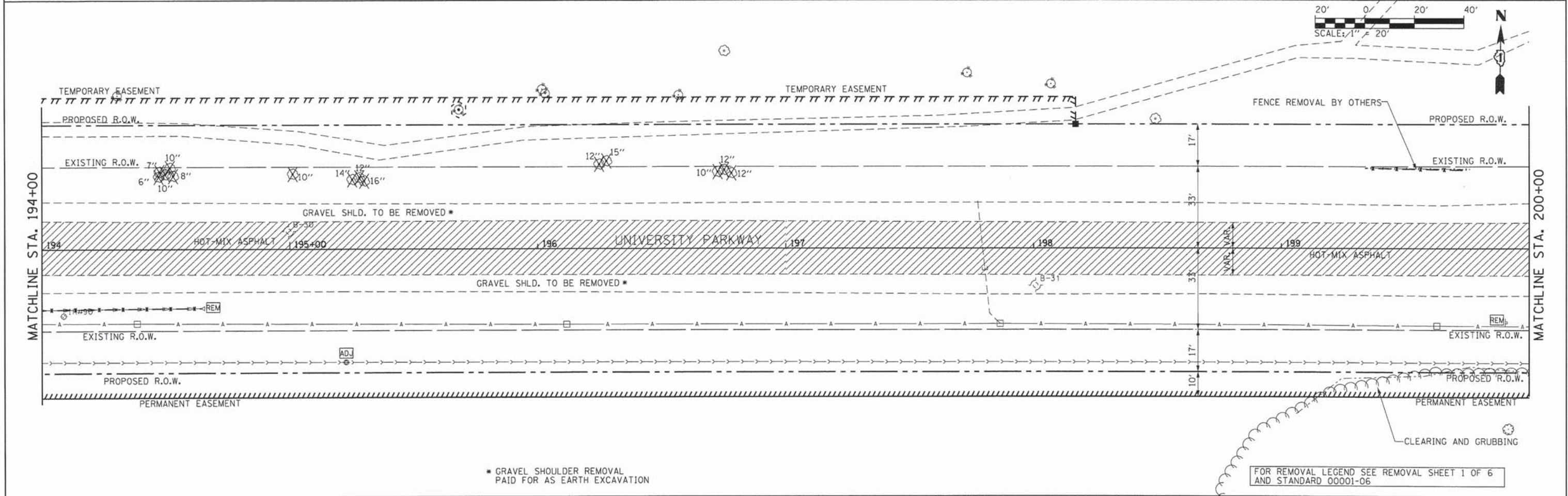
SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 176+00 TO STA. 188+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|--------------------|
| 1637 | 96-00014-01-PV | WILL | 119 | 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\UnivPkwyEosfSec\0-r-qw\CADD_Sheets\Yr-em_9new.dgn 2/2/2015

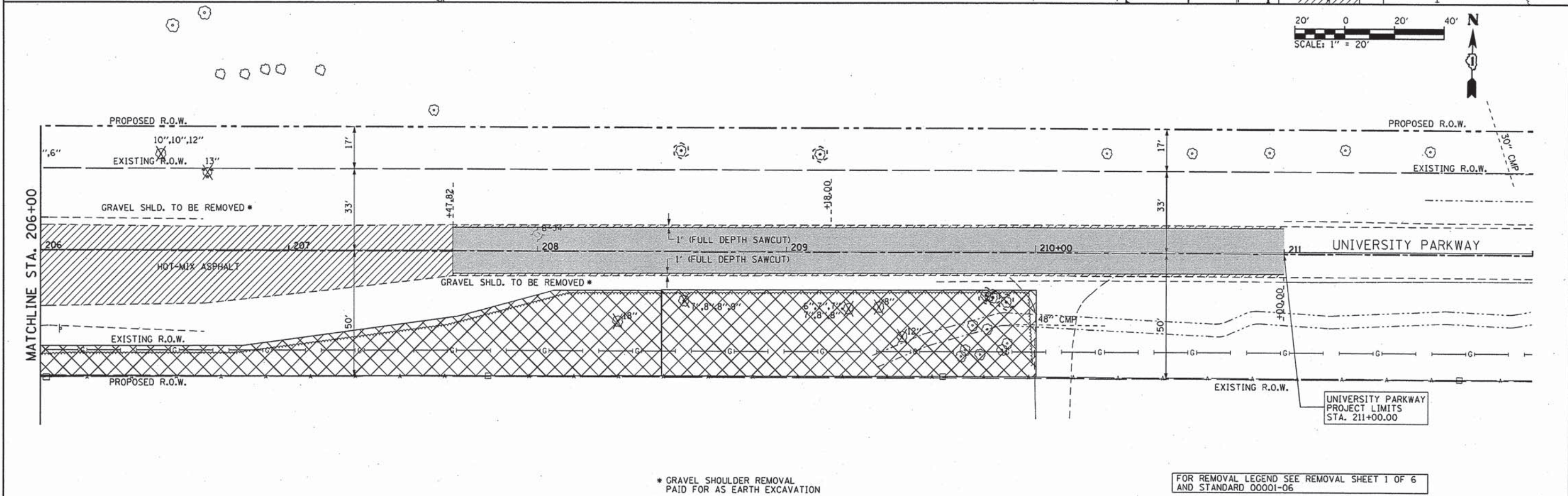
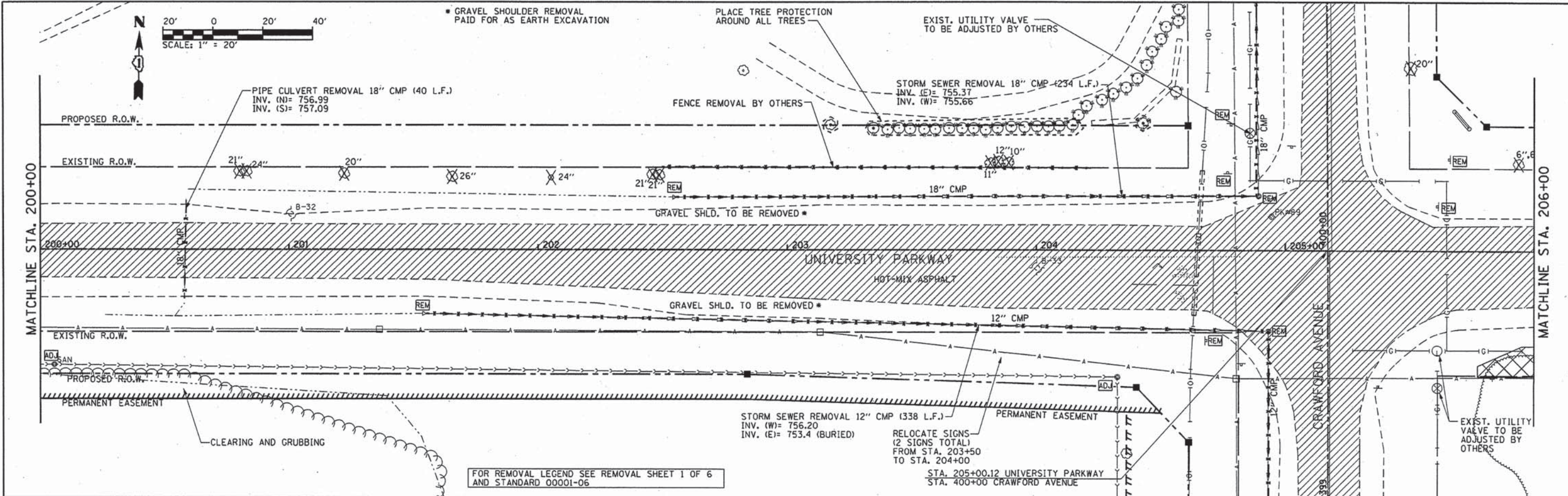


| | | |
|---------------------------------|------------------|-----------|
| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: rem_9new.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 20,0000' / 1" = | CHECKED - KDN | REVISED - |
| PLOT DATE = 2/2/2015 9:31:31 AM | DATE - 1/16/2015 | 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. 1637 | SECTION 96-00014-01-PV | COUNTY WILL | TOTAL SHEETS 119 | SHEET NO. 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

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3/26/2015



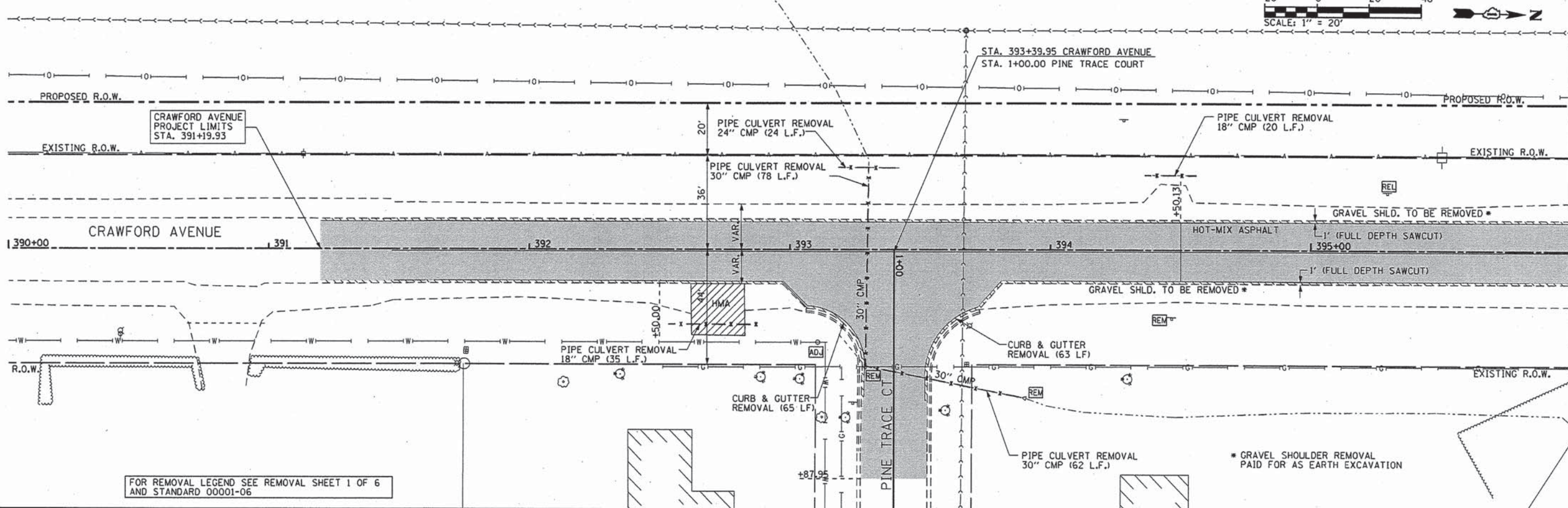
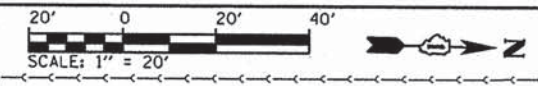
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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME = rem_10new.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 28.8000' / in. | CHECKED - KDN | REVISED - |
| PLOT DATE = 3/26/2015 4:17:55 PM | DATE - 1/16/2015 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

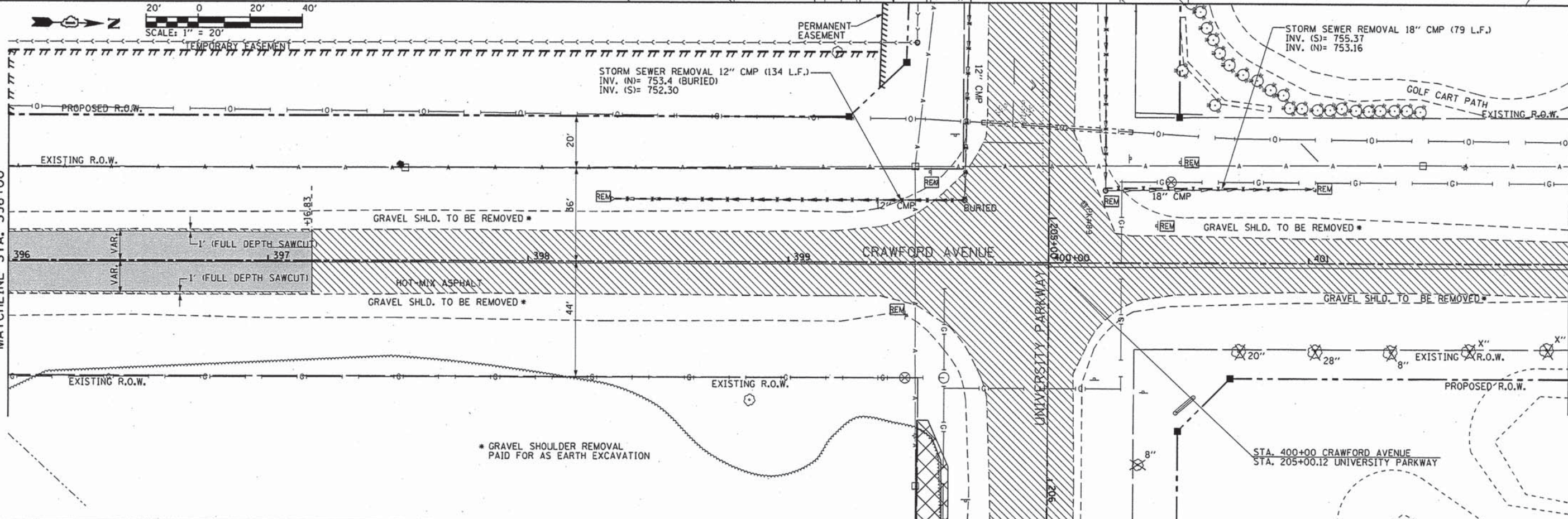
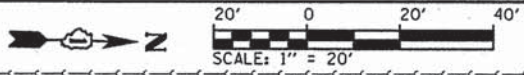
**REMOVAL PLANS
UNIVERSITY PARKWAY**

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

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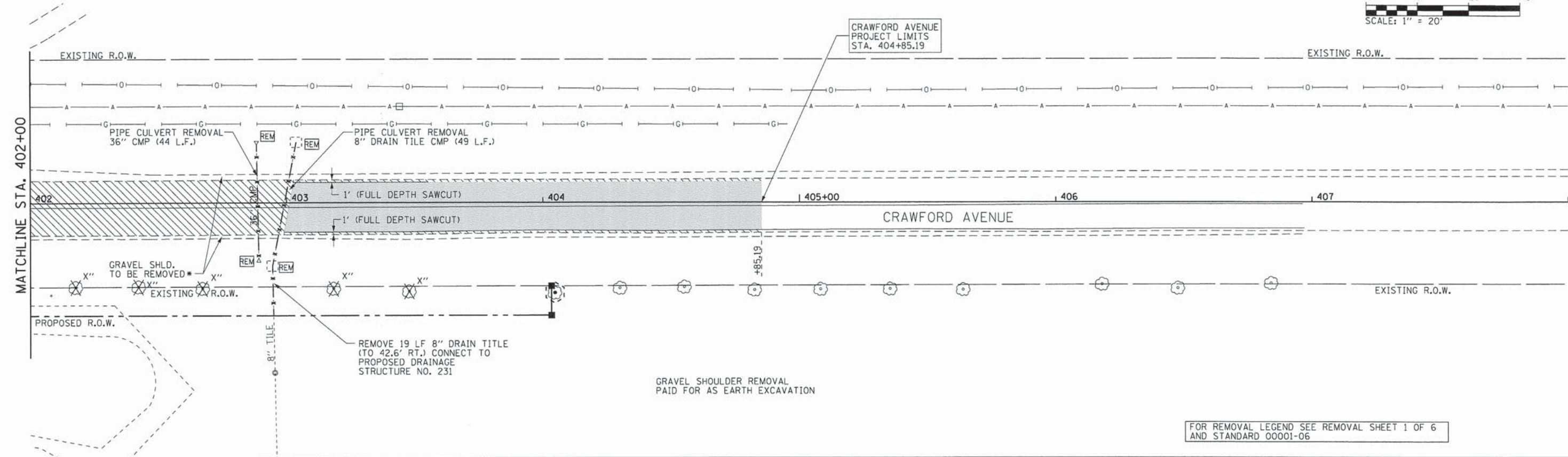
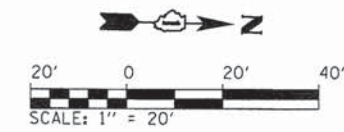
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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME = rem_craw_inew.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 28.0000 1/ in. | CHECKED - KDN | REVISED - |
| PLOT DATE = 3/26/2015 4:17:56 PM | DATE - 1/16/2015 | REVISED - |

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 | | | | |



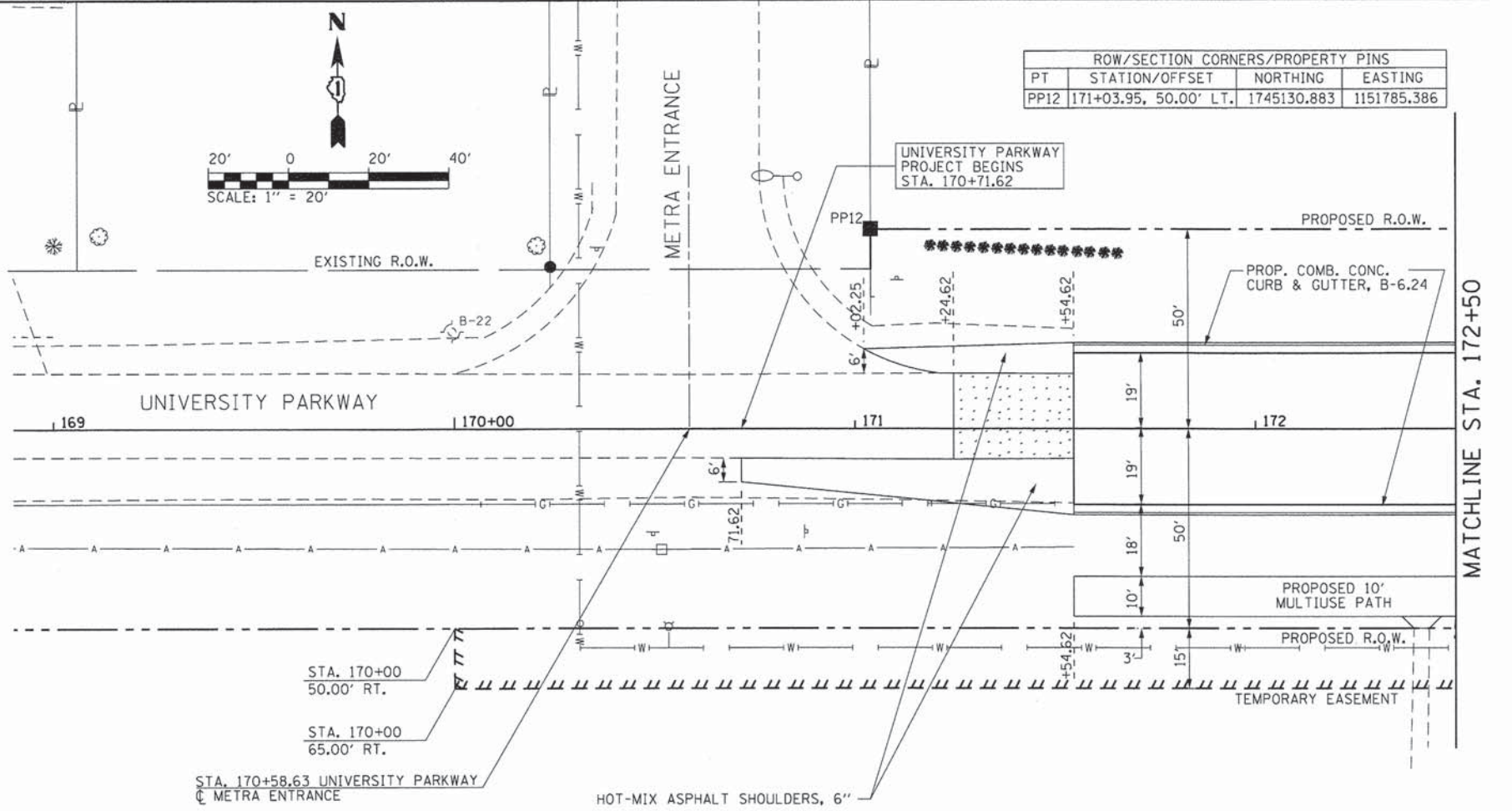
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| | | | | | | | | | | | |
|--|---------------------------------|------------------|-----------|---|--|--|---------------------------|----------------|--------|--------------|-----------|
|  <small>License No. 184-000613 Copyright CMT, Inc.</small> | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | REMOVAL PLANS CRAWFORD AVENUE | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | FILE NAME: rem_crow_2new.dgn | DRAWN - AS | REVISED - | | | | 1637 | 96-00014-01-PV | WILL | 119 | 33 |
| | PLOT SCALE = 20.0000' / in. | CHECKED - KDN | REVISED - | | | | CONTRACT NO. 61A75 | | | | |
| | PLOT DATE = 2/2/2015 9:31:33 AM | 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 | | | | | | | |

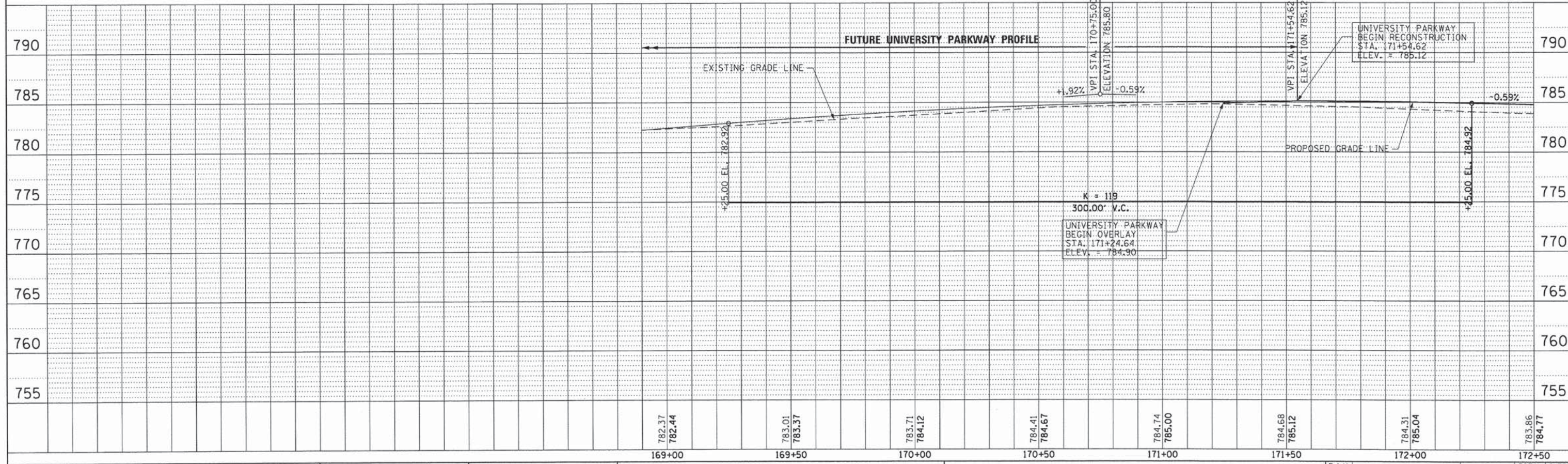
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|------|--------------------|------|
| PLAN | SURVEYED | DATE |
| | ALIGNED | |
| | NOTED | |
| | BY | |
| | NO. OF WAY CHECKED | |
| | CADD FILE NAME | |

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



| | | |
|---------|--------------------------|------|
| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | NOTED | |
| | BY | |
| | NO. OF WAY CHECKED | |
| | STRUCTURE NOTATIONS OK'D | |



| | | | |
|--|-----------------------------|------------------|-----------|
| | 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**

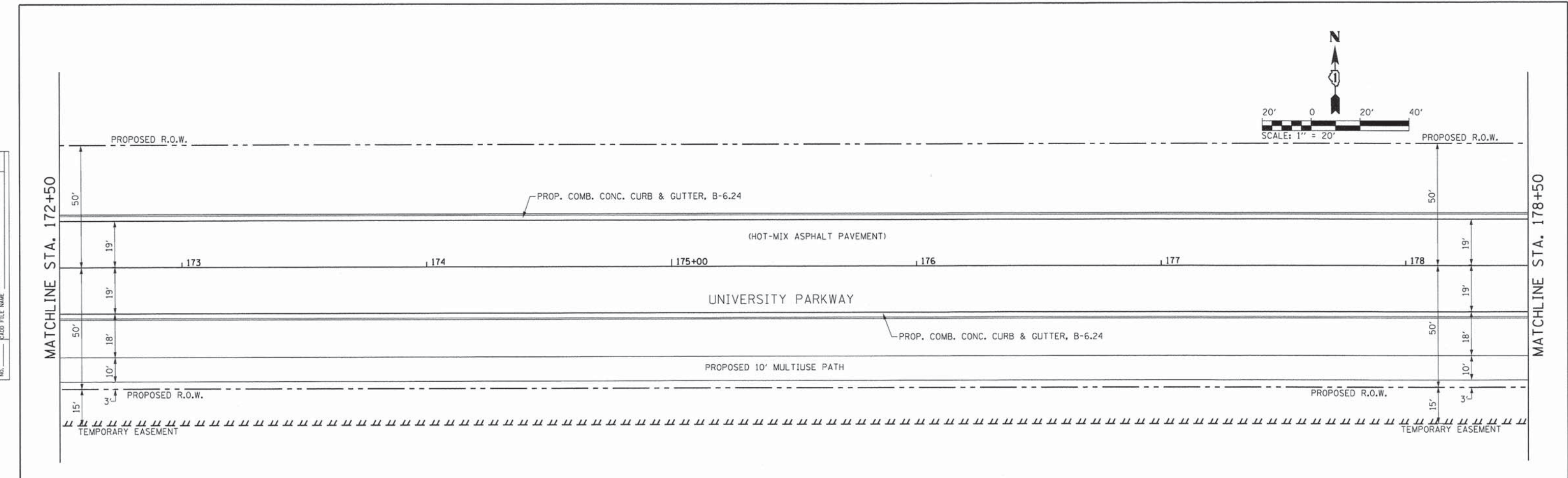
**PLAN AND PROFILE
UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 1 OF 11 SHEETS STA. 169+00 TO STA. 172+50

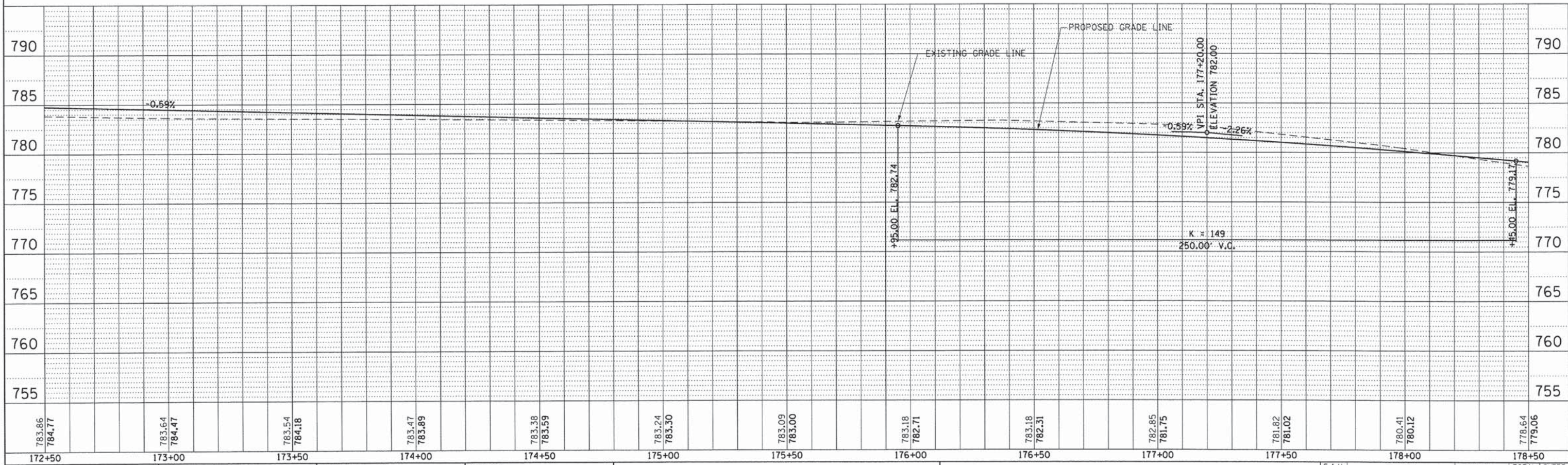
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|--------------------|------------------------|-------------|---------------------------|--------------|
| F.A.U. RTE. 1637 | SECTION 96-00014-01-PV | COUNTY WILL | TOTAL SHEETS 119 | SHEET NO. 34 |
| CONTRACT NO. 61A75 | | | ILLINOIS FED. AID PROJECT | |

| | | |
|------|----------|------|
| PLAN | SURVEYED | DATE |
| | ALIGNED | |
| | NOTED | |
| | BY | |
| | NO. | |

| | | |
|---------|----------|------|
| PROFILE | SURVEYED | DATE |
| | ALIGNED | |
| | NOTED | |
| | BY | |
| | NO. | |



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



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1/29/2015

| | | |
|-----------------------------|------------------|-----------|
| 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

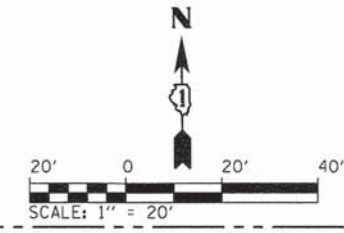
PLAN AND PROFILE
UNIVERSITY PARKWAY

SCALE: 1"=20' SHEET 2 OF 11 SHEETS STA. 172+50 TO STA. 178+50

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 35 |
| CONTRACT NO. 61A75 | | | ILLINOIS FED. AID PROJECT | |

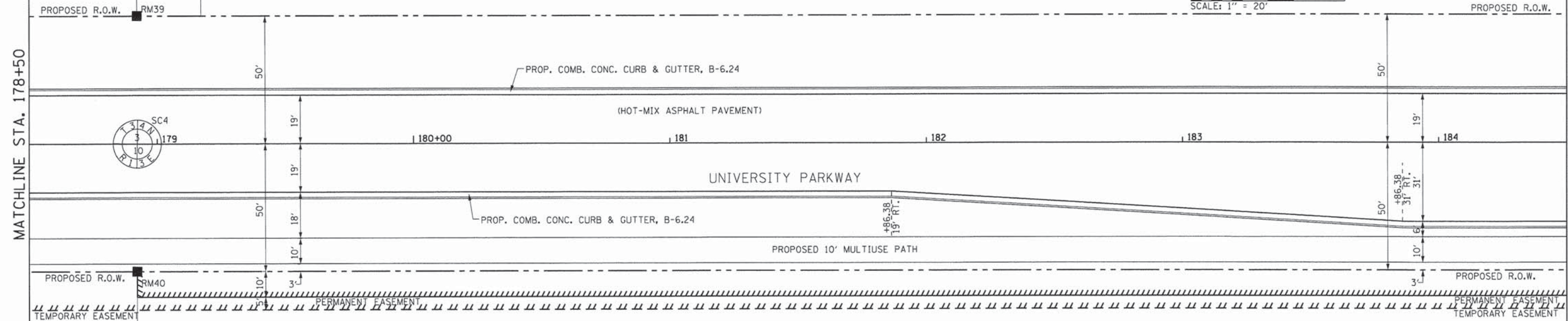
PLAN
 SURVEYED BY
 DATE
 NOTE BOOK NO.
 ALIGNED CHECKED BY
 RT. OF WAY CHECKED BY
 PAID FILE NAME

PROFILE
 SURVEYED BY
 DATE
 PLOTTED BY
 CHECKED BY
 B.M. NOTED
 STRUCTURE NOTATIONS CHKD
 NO.



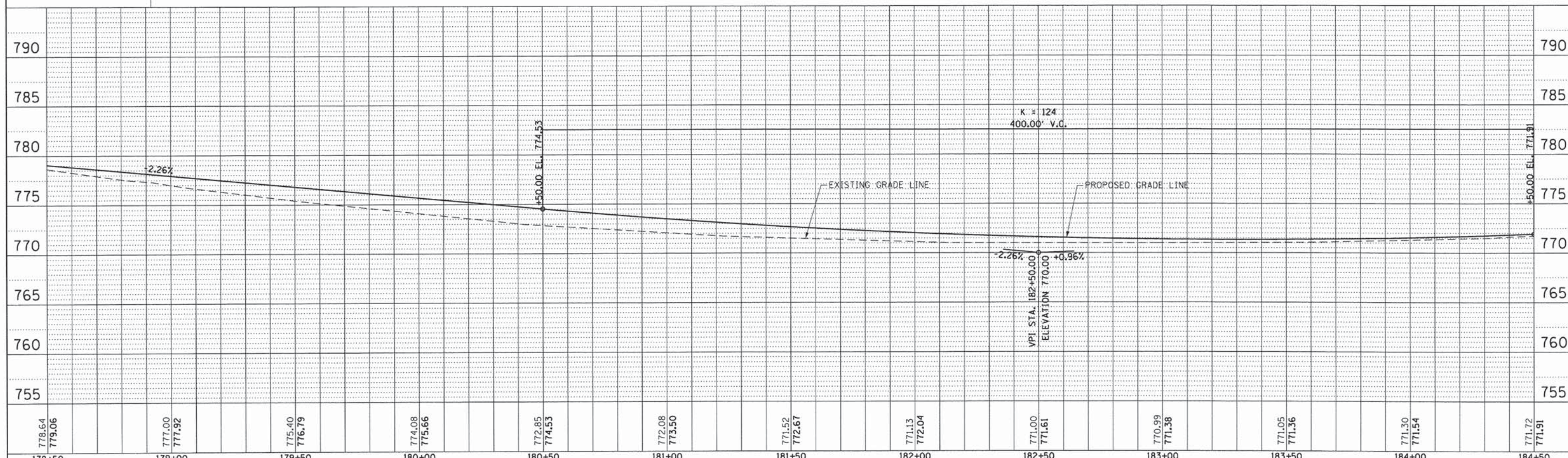
MATCHLINE STA. 178+50

MATCHLINE STA. 184+50



| 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

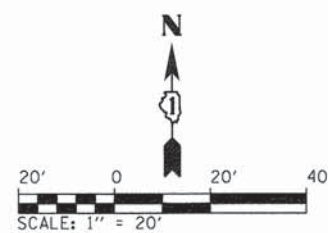


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|--|---|--|--|---|--|------------------|------------------------|-------------|----------------------------------|--------------------|
| | USER NAME = Kristin Timmons FILE NAME: PLOT SCALE = 20.0000' / 1" | DESIGNED - AS DRAWN - AS CHECKED - KDN DATE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

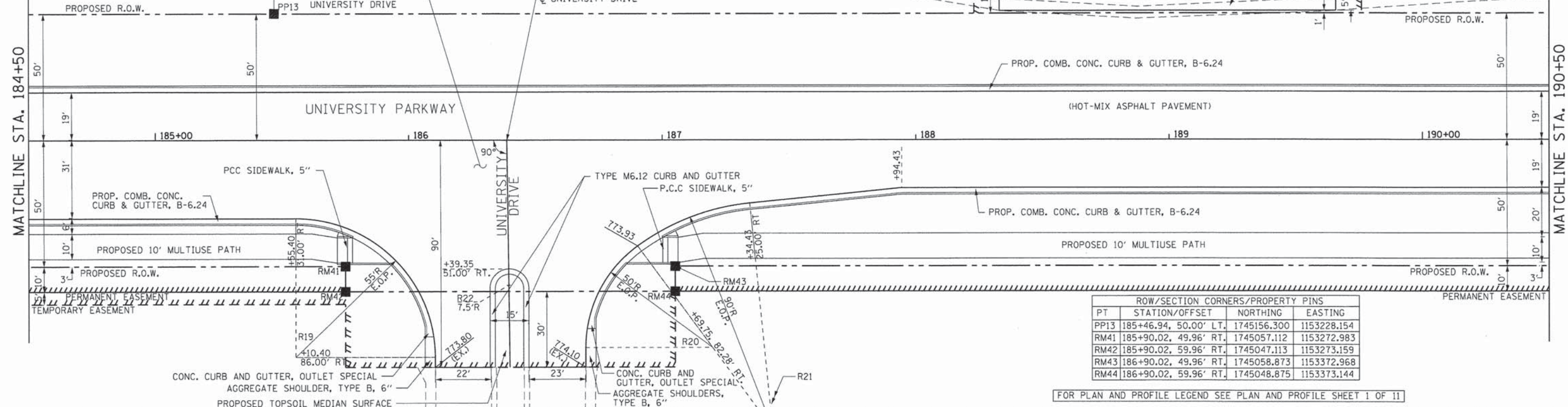
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1/29/2015

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| PLAN | SURVEYED | DATE |
| | ALIGNED | |
| | NOTED | |
| | FILE NAME | |

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| PROFILE | SURVEYED | DATE |
| | NOTED | |
| | FILE NAME | |

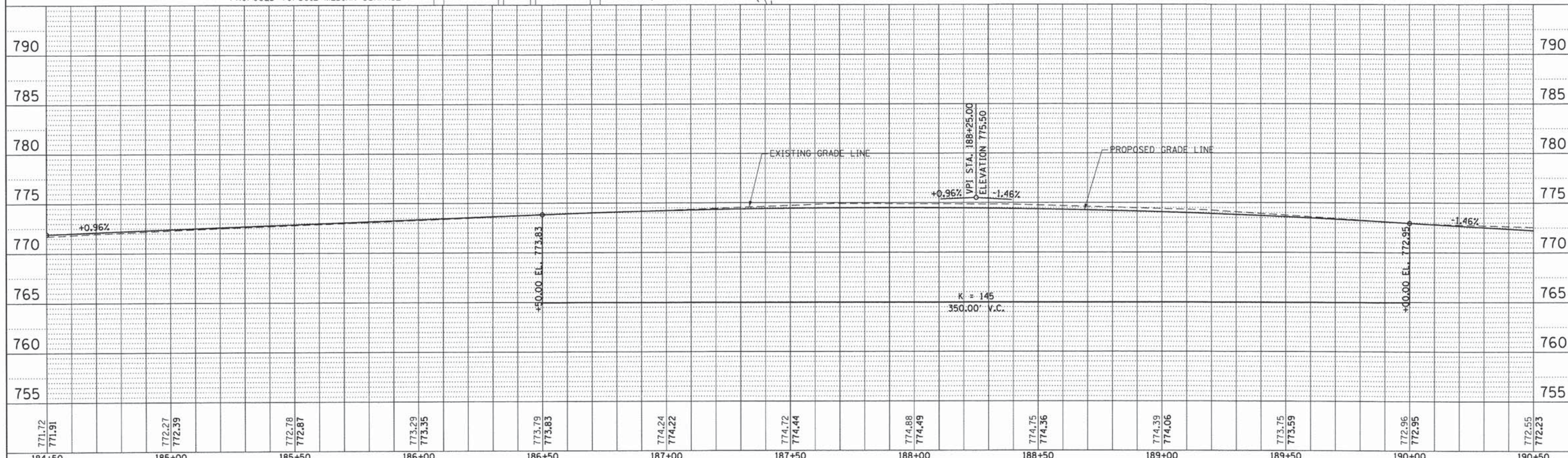


| RADI POINTS | | | |
|-------------|------------------------|-------------|-------------|
| PT | STATION/OFFSET | NORTHING | EASTING |
| R19 | 185+55.40, 86.00' RT. | 1745020.470 | 1153239.003 |
| R20 | 187+16.51, 66.00' RT. | 1745027.080 | 1153403.264 |
| R21 | 187+43.39, 114.55' RT. | 1744995.233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



| 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 |

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



| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 771.72 | 771.91 | 772.27 | 772.39 | 772.78 | 772.87 | 773.29 | 773.35 | 773.79 | 773.83 | 774.24 | 774.22 | 774.72 | 774.44 | 774.88 | 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 | | | | | | | | | | | | | |



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|-----------------------------|------------------|-----------|
| 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

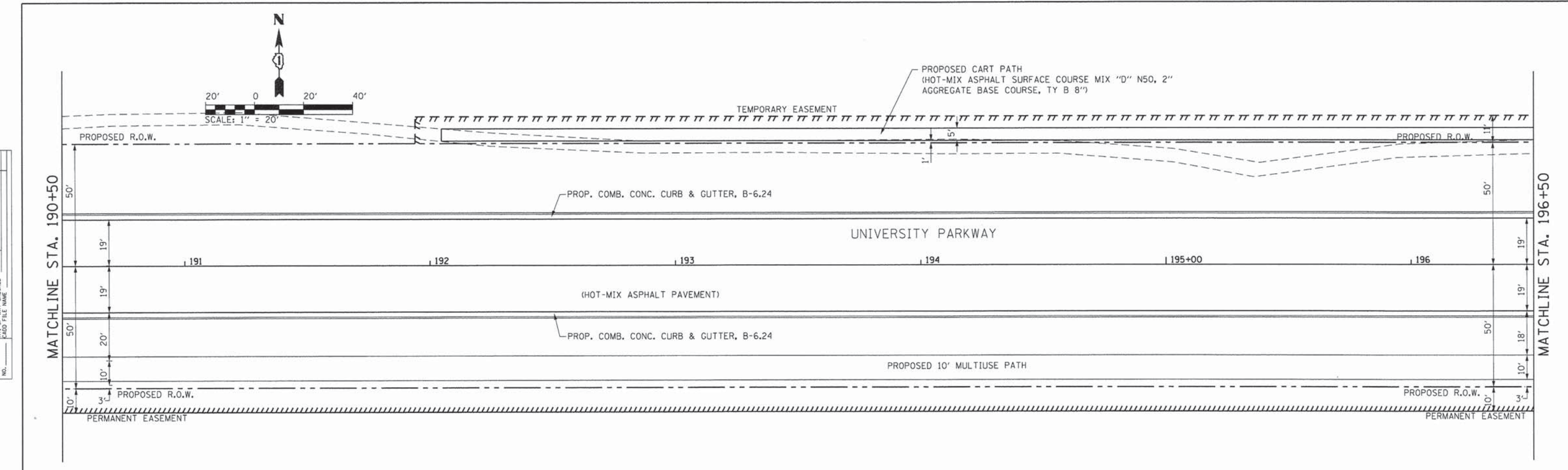
SCALE: 1"=20' SHEET 4 OF 11 SHEETS STA. 184+50 TO STA. 190+50

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| 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 | |

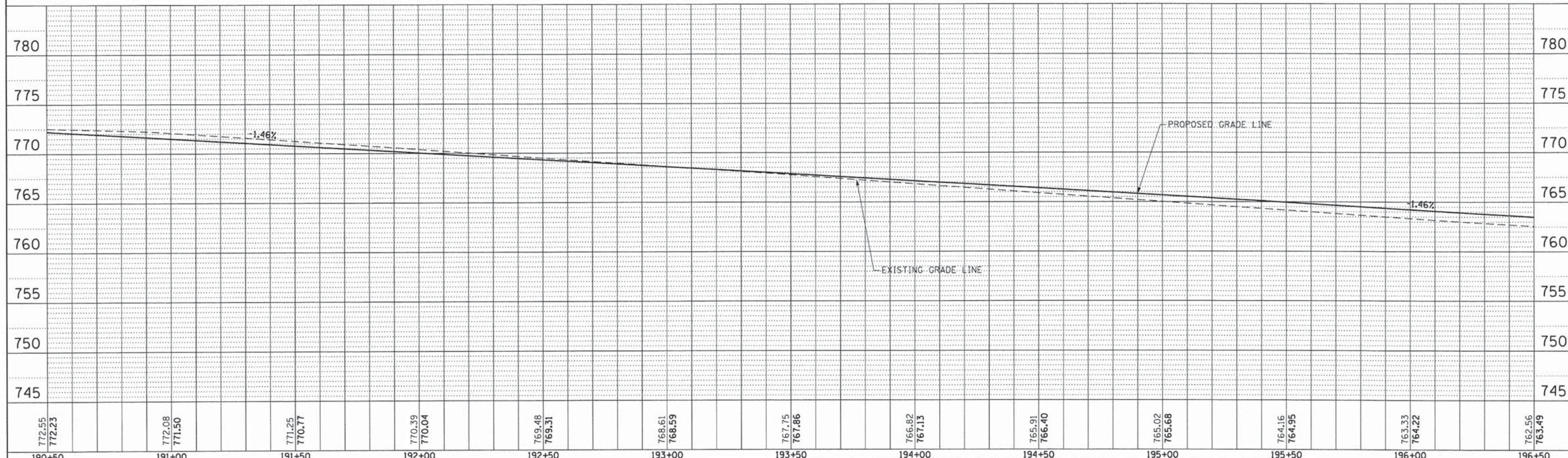
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| | ALIGNED | | |
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| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | NOTED | | |
| | FILED | | |
| | NO. | | |



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



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 1/29/2015



| | | |
|-----------------------------|------------------|-----------|
| 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

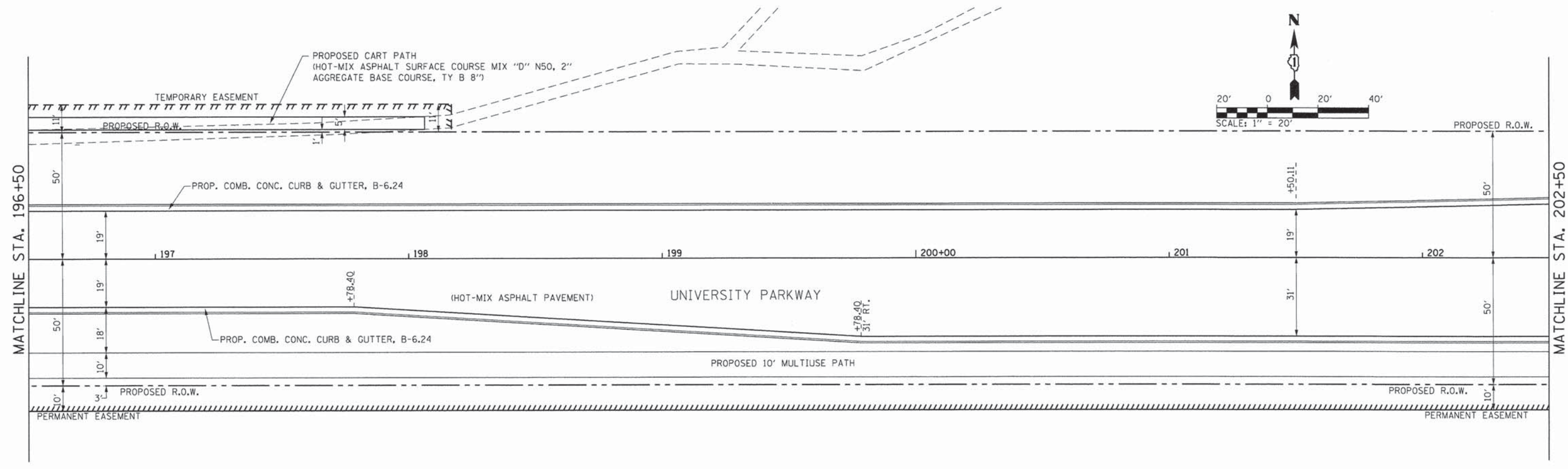
PLAN AND PROFILE
UNIVERSITY PARKWAY

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

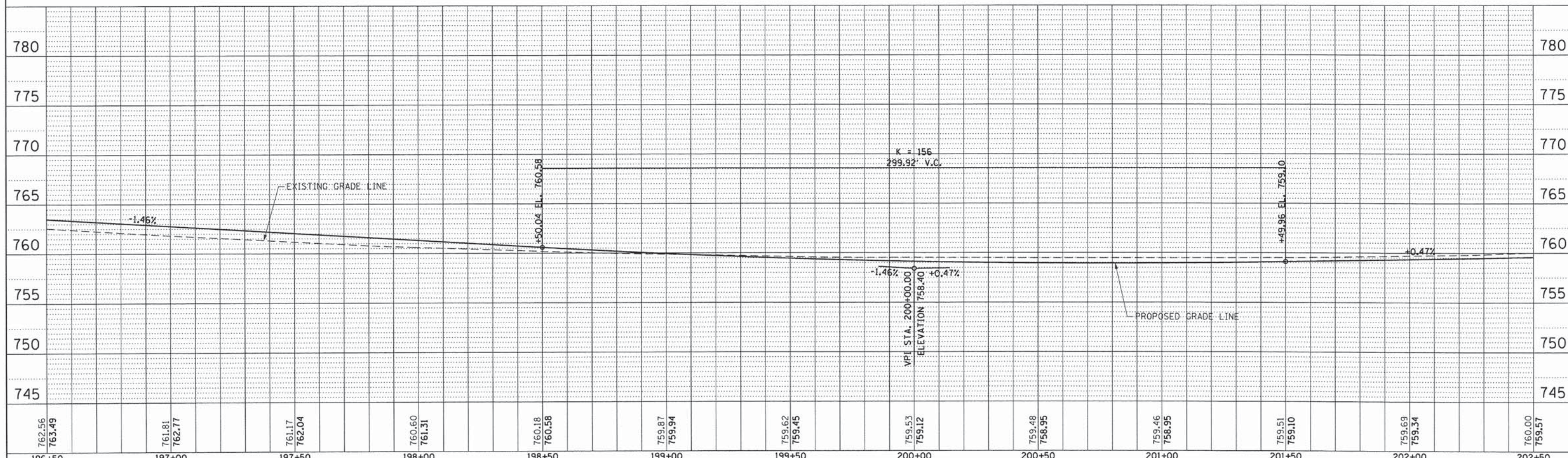
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|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 38 |
| CONTRACT NO. 61A75 | | | ILLINOIS FED. AID PROJECT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

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|------|--------------------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | ALIGNED | | |
| | NOTED | | |
| | RT. OF WAY CHECKED | | |
| | NO. _____ | | |
| | PAID FILE NAME | | |

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|---------|-----------------------------|----|------|
| PROFILE | SURVEYED | BY | DATE |
| | PLotted | | |
| | NOTED | | |
| | STRUCTURE NOTATIONS CHECKED | | |
| | NO. _____ | | |
| | FILE NAME | | |



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



| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 762.56 | 763.49 | 761.81 | 762.77 | 761.17 | 762.04 | 760.60 | 761.31 | 760.18 | 760.58 | 759.87 | 759.94 | 759.62 | 759.45 | 759.53 | 759.12 | 759.48 | 758.95 | 759.46 | 758.95 | 759.51 | 759.10 | 759.69 | 759.34 | 760.00 | 759.57 |
| 196+50 | | 197+00 | | 197+50 | | 198+00 | | 198+50 | | 199+00 | | 199+50 | | 200+00 | | 200+50 | | 201+00 | | 201+50 | | 202+00 | | 202+50 | |

| | | |
|-----------------------------|------------------|-----------|
| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: | DRAWN - AS | REVISED - |
| PLOT SCALE = 28,8000 1/16" | CHECKED - KDN | REVISED - |
| PLOT DATE = 1/16/2015 | DATE - 1/16/2015 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
UNIVERSITY PARKWAY

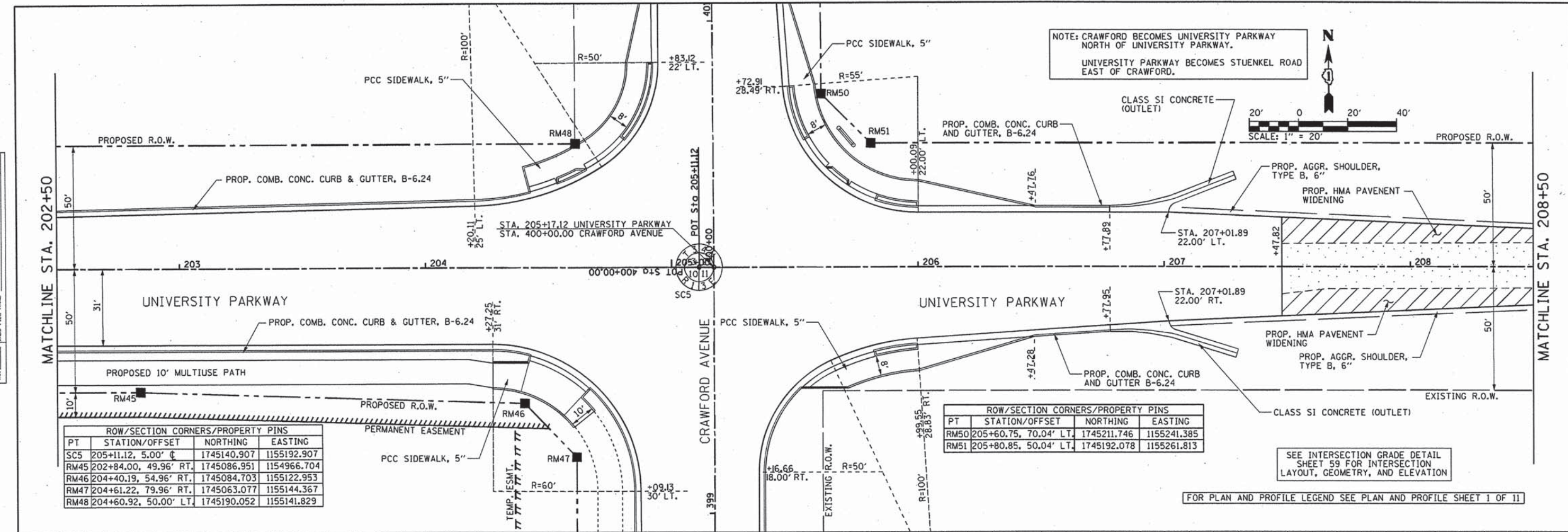
SCALE: 1"=20' SHEET 6 OF 11 SHEETS STA. 196+50 TO STA. 202+50

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| 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 | | | | |

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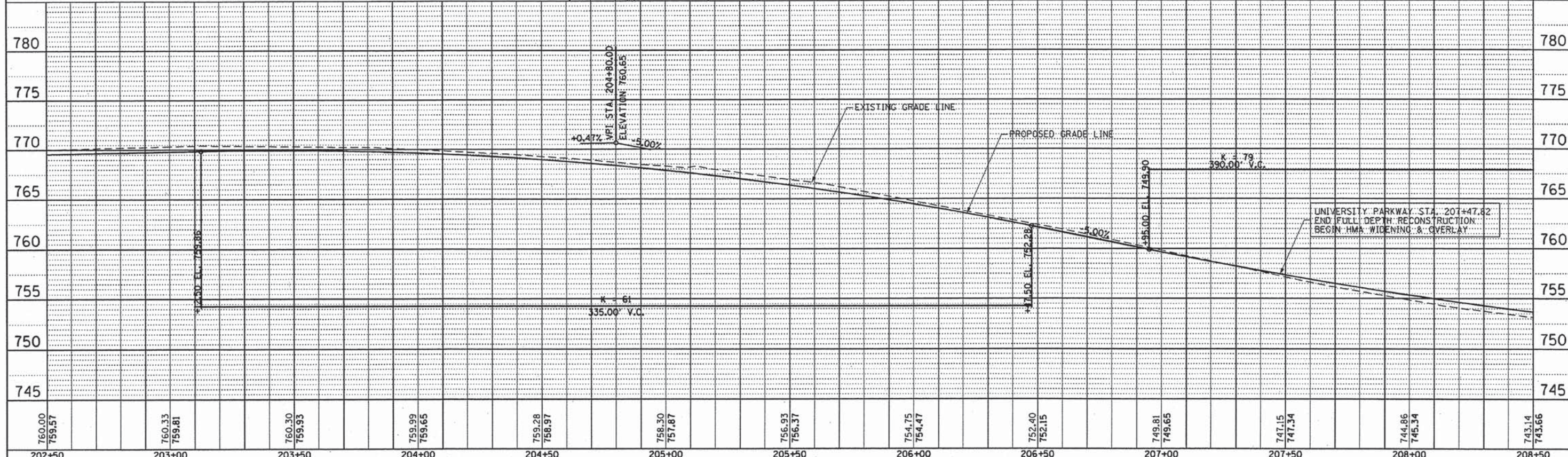
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| PLAN | SURVEYED | BY | DATE |
| | NOTED | | |
| | ALIGNED | | |
| | CHECKED | | |
| | RT. OF WAY | | |
| | CHECKED | | |
| | NO. FILE NAME | | |

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| PROFILE | SURVEYED | BY | DATE |
| | NOTED | | |
| | ALIGNED | | |
| | CHECKED | | |
| | STRUCTURE | | |
| | NOTATIONS | | |
| | OK'D | | |



| PT | STATION/OFFSET | NORTHING | 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 CORNERS/PROPERTY PINS | STATION/OFFSET | NORTHING | 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 | 760.33 | 760.30 | 759.99 | 759.28 | 758.30 | 756.93 | 754.75 | 752.40 | 749.81 | 747.15 | 744.86 | 743.14 |
| 759.57 | 759.81 | 759.93 | 759.65 | 758.97 | 757.87 | 756.37 | 754.47 | 752.15 | 749.65 | 747.34 | 745.34 | 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 |



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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME = | DRAWN - AS | REVISED - |
| PLOT SCALE = 28.0000' / in. | CHECKED - KDN | REVISED - |
| PLOT DATE = 3/26/2015 | DATE - 1/16/2015 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

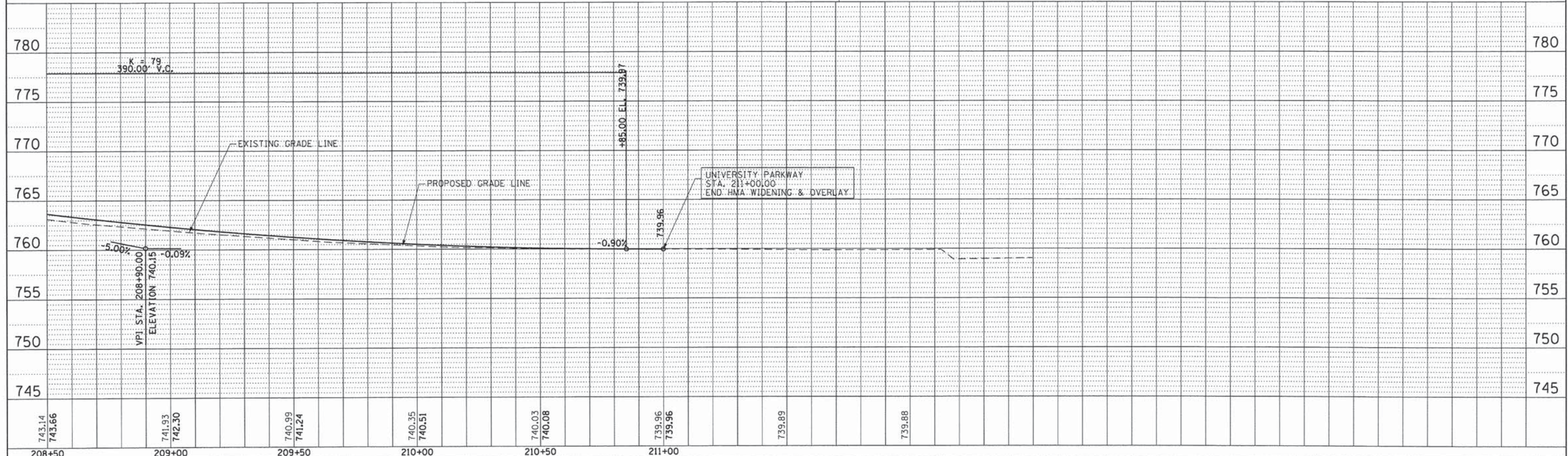
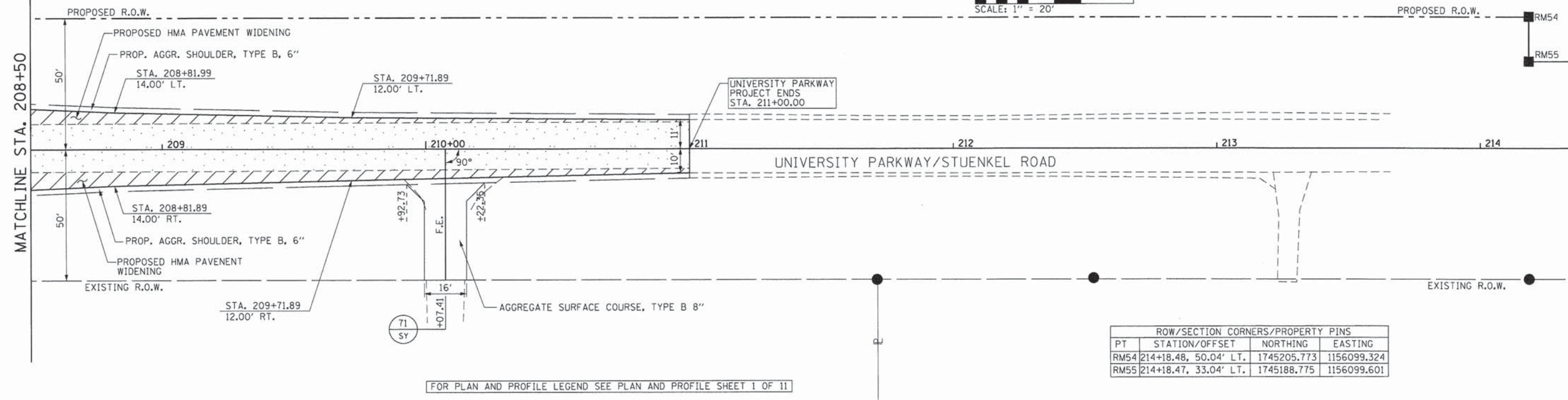
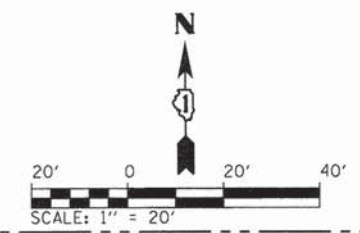
PLAN AND PROFILE
UNIVERSITY PARKWAY

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

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

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| PLAN | SURVEYED | DATE |
| NOTE BOOK | ALIGNED | |
| NO. | PT. OF WAY CHECKED | |
| | CADD FILE NAME | |

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| PROFILE | SURVEYED | DATE |
| NOTE BOOK | PLOTTED | |
| NO. | BL. NOTED | |
| | STRUCTURE NOTATIONS CHD | |



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1/29/2015



USER NAME = Kristin Timmons
FILE NAME:
PLOT SCALE = 20.0000' / 1" =
PLOT DATE = 1/29/2015

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

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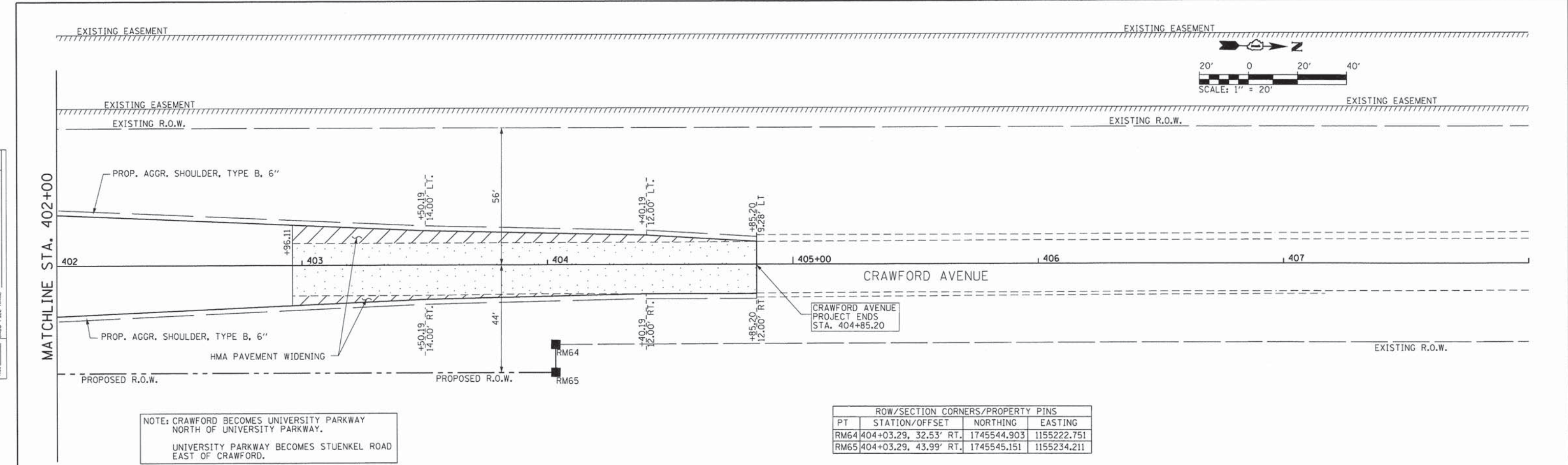
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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 | | | | |

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| PLAN | SURVEYED | BY | DATE |
| | ALIGNED | | |
| | NOTED | | |
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| | NO. | | |

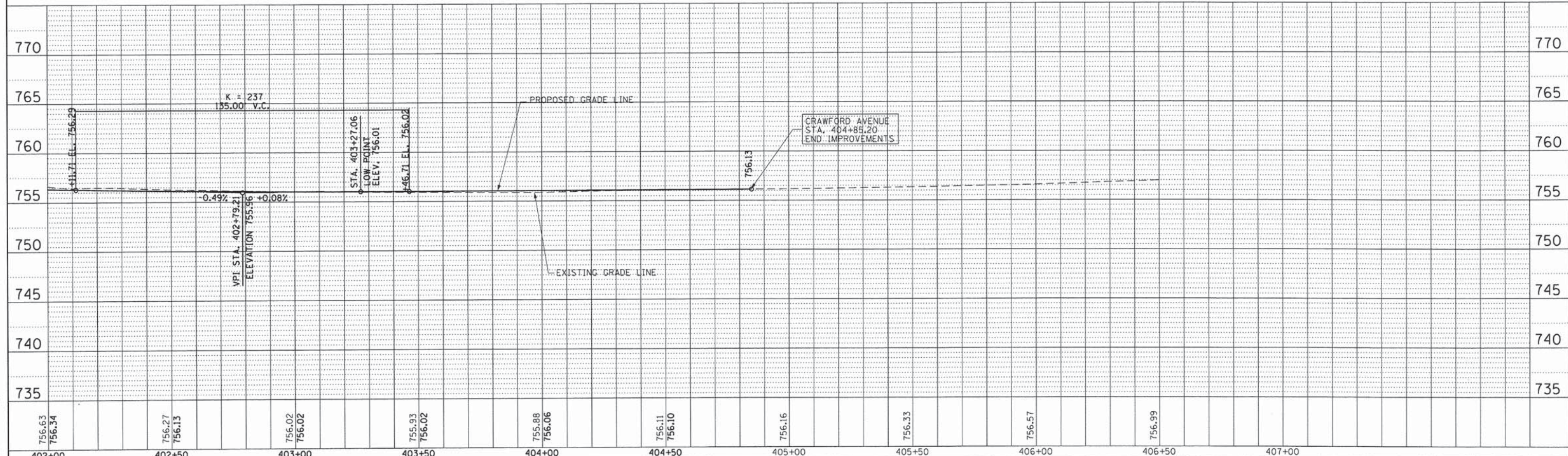
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| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | NOTED | | |
| | FILED | | |
| | NO. | | |



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










| | | | | | | | | | | |
|--|-----------------------------|------------------|-----------|---|---|---------------------------|----------------|--------|--------------|-----------|
| | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN AND PROFILE CRAWFORD AVENUE | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | FILE NAME: | DRAWN - AS | REVISED - | | | 1637 | 96-00014-01-PV | WILL | 119 | 44 |
| | PLOT SCALE = 20,0000' / in. | CHECKED - KDN | REVISED - | | | CONTRACT NO. 61A75 | | | | |
| | PLOT DATE = 1/29/2015 | DATE - 1/16/2015 | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | |

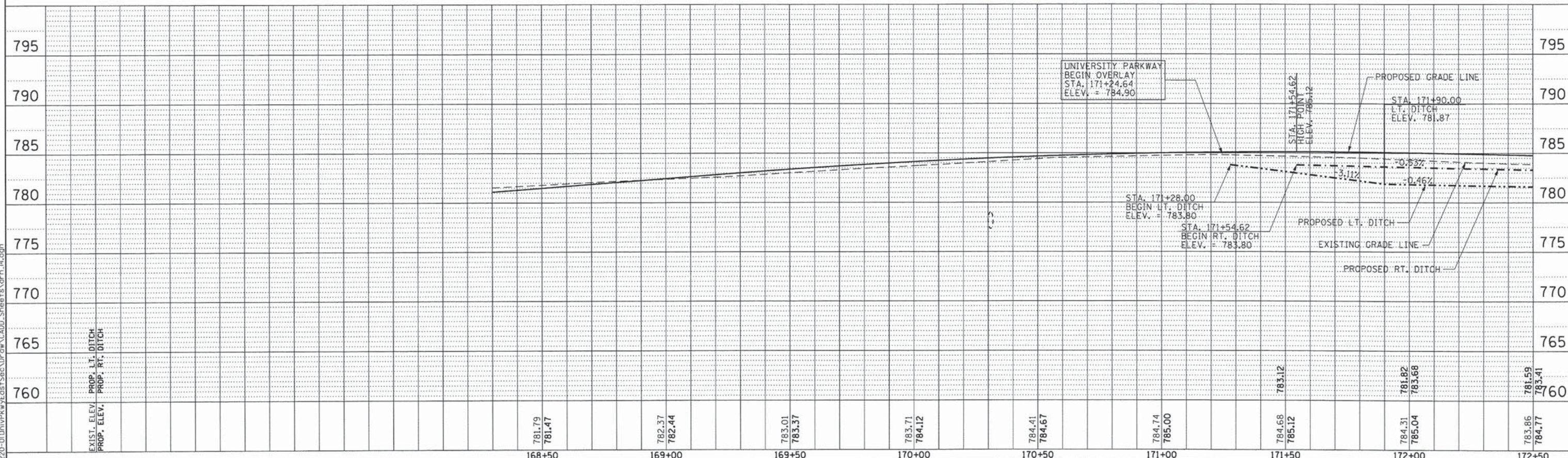
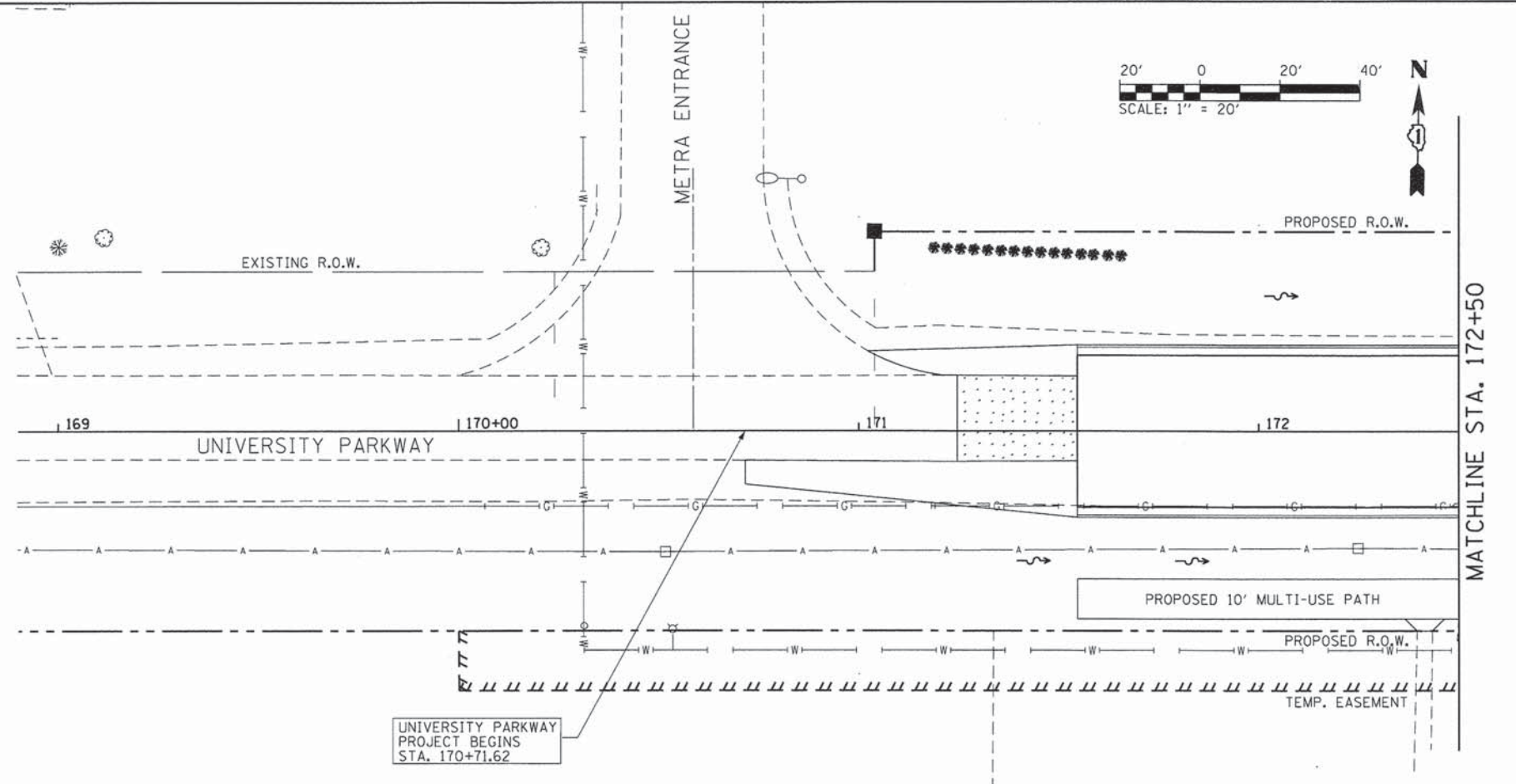
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PLAN SURVEYED BY DATE
 ALIGNED CHECKED BY DATE
 RT. OF WAY CHECKED BY DATE
 NO. FILE NAME

PROFILE SURVEYED BY DATE
 GRADES CHECKED BY DATE
 (M. NOTED STRUCTURE NOTATIONS) CHKD BY DATE
 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



USER NAME = Kristin Timmons
 FILE NAME:
 PLOT SCALE = 20,0000' / 1" =
 PLOT DATE = 1/29/2015

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
 UNIVERSITY PARKWAY

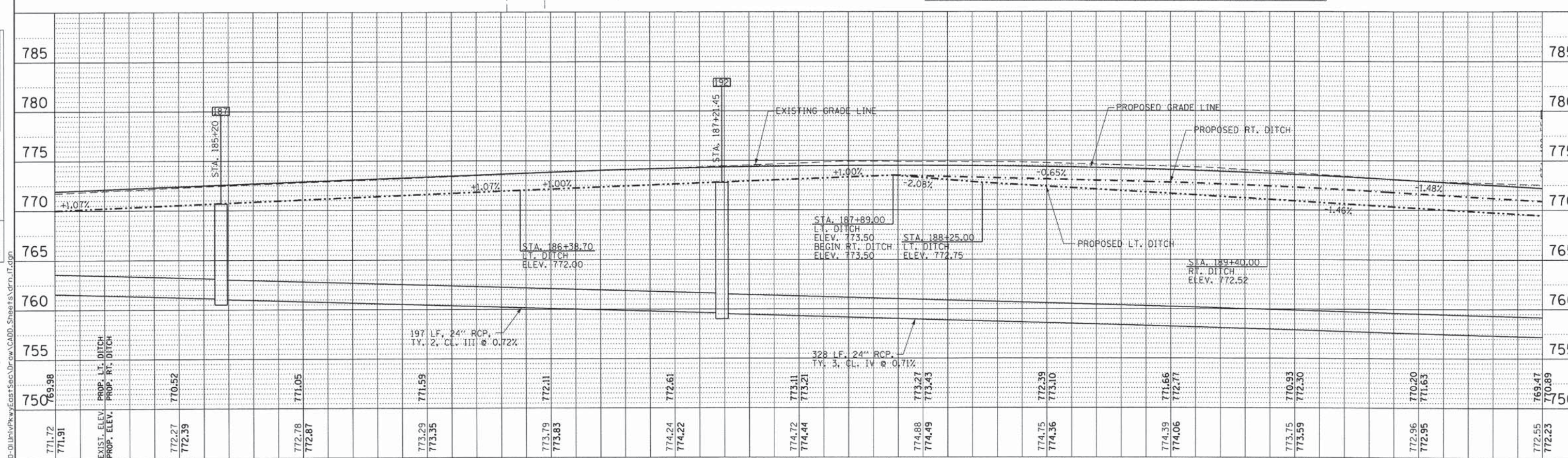
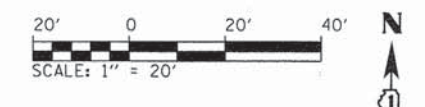
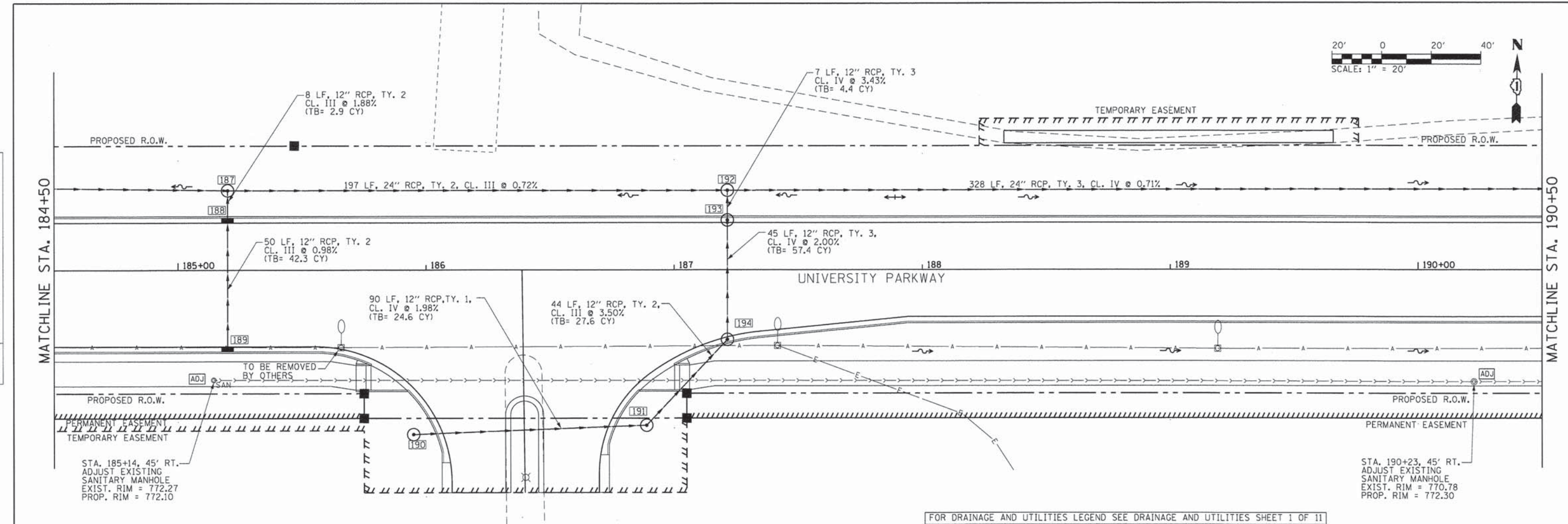
SCALE: 1"=20' SHEET 1 OF 11 SHEETS STA. 166+50 TO STA. 172+50

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 45 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

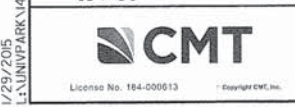
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| PLAN | SURVEYED | DATE |
| | NOTED | |
| | ALIGNED | |
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| | BY | |
| | NO. | |
| | FILE NAME | |

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| PROFILE | SURVEYED | DATE |
| | NOTED | |
| | ALIGNED | |
| | CHECKED | |
| | BY | |
| | NO. | |
| | FILE NAME | |



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|--------|--------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 771.72 | 771.91 | EXIST. ELEV. | 772.27 | 772.39 | 772.78 | 772.87 | 773.29 | 773.35 | 773.79 | 773.83 | 774.24 | 774.22 | 774.72 | 773.11 | 774.44 | 773.21 | 774.88 | 773.27 | 774.49 | 773.43 | 774.75 | 774.36 | 774.39 | 774.06 | 773.75 | 773.59 | 773.50 | 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 | | | | | | | | | | | | | | | | | | | |



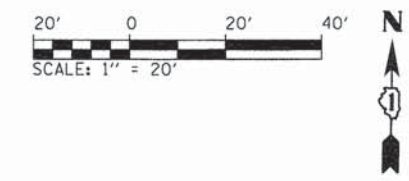
| | | |
|-----------------------------|------------------|-----------|
| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: | DRAWN - AS | REVISED - |
| PLOT SCALE = 20,000' / in. | CHECKED - KDN | REVISED - |
| PLOT DATE = 1/29/2015 | DATE - 1/16/2015 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

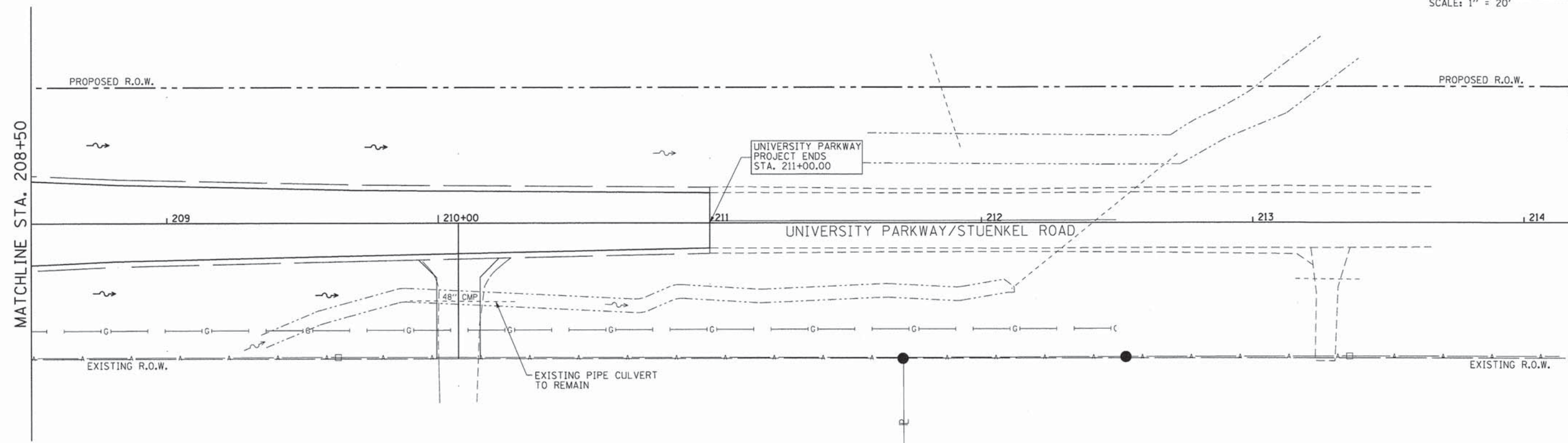
DRAINAGE AND UTILITIES
UNIVERSITY PARKWAY

SCALE: 1"=20' SHEET 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 | |

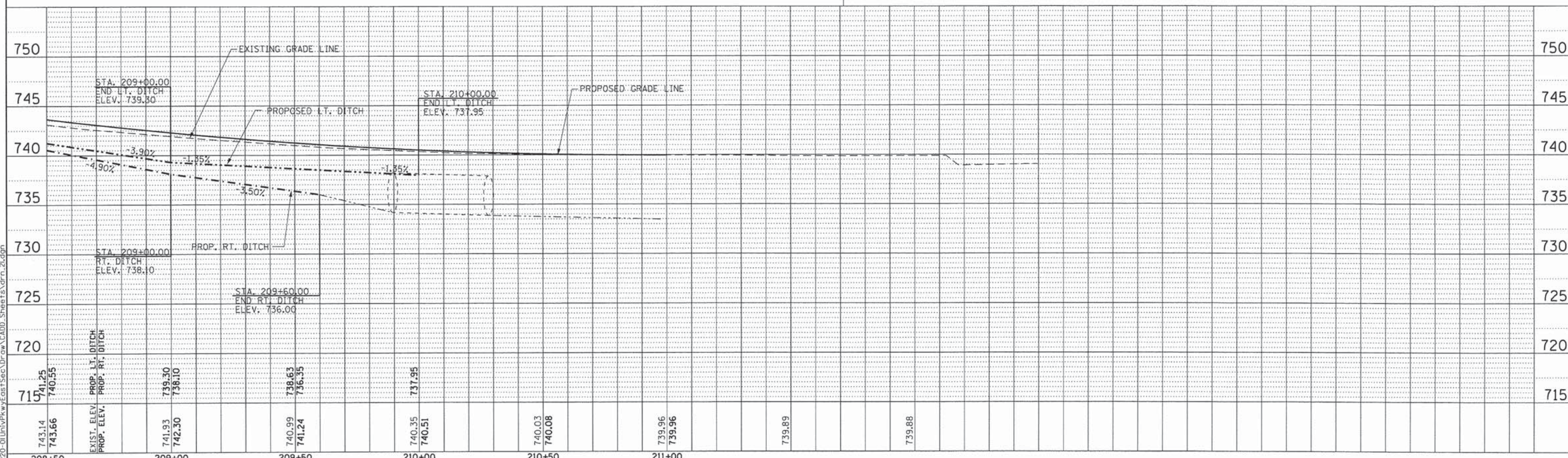


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| PLAN | SURVEYED | BY | DATE |
| | ALIGNED | | |
| | RT. OF WAY CHECKED | | |
| | NO. _____ | | |
| | PAID FILE NAME | | |



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

| | | | |
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| PROF ILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | CHECKED | | |
| | NO. _____ | | |
| | STRUCTURE NOTATIONS CHKD | | |



USER NAME = Kristin Timmons
 FILE NAME:
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 1/29/2015

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

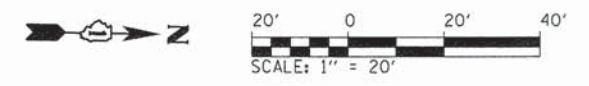
REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
 UNIVERSITY PARKWAY

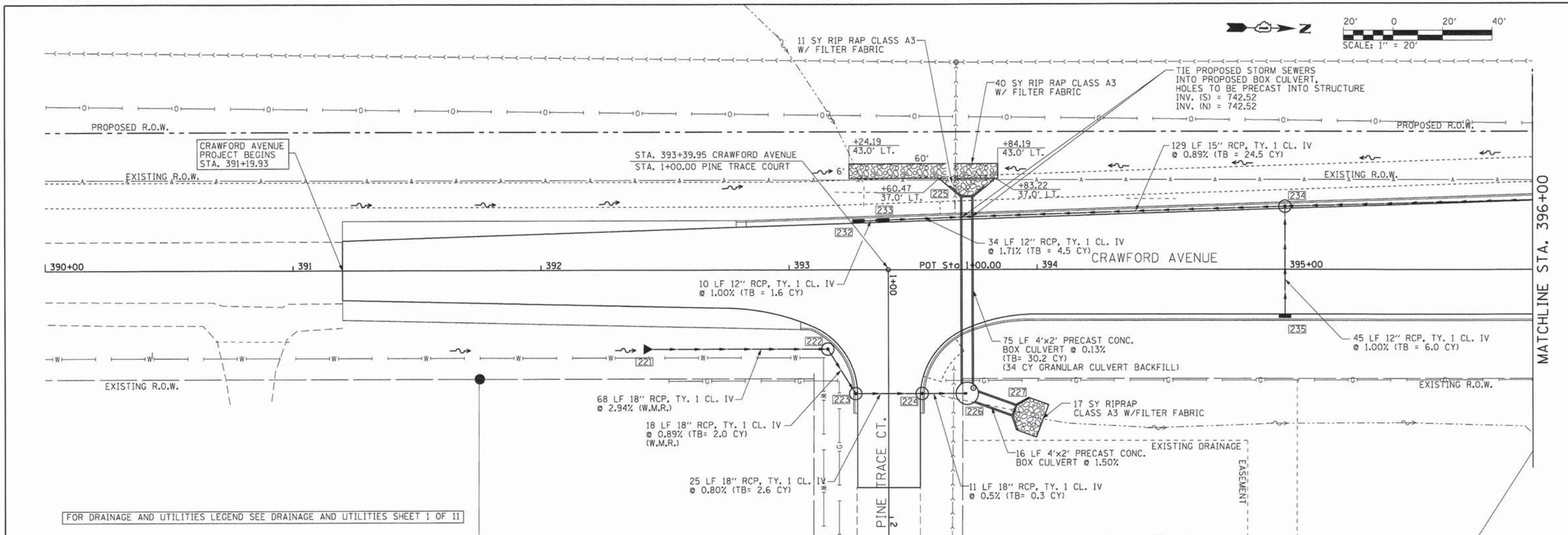
SCALE: 1"=20' SHEET 8 OF 11 SHEETS STA. 208+50 TO STA. 211+00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| 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 | | | | |

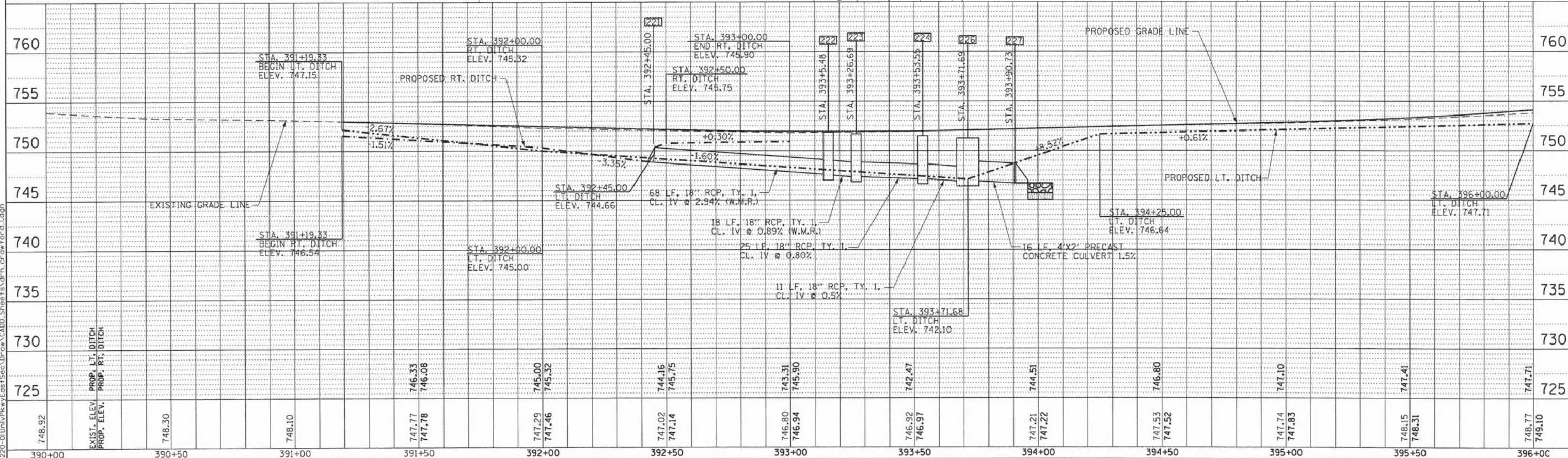


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| DATE | |
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| PLAN | |
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| DATE | |
| BY | |
| PROFILE | |
| NO. | |
| DATE | |
| BY | |
| PROFILE | |
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|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



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



| | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 748.92 | EXIST. ELEV. | 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 | EXIST. ELEV. | 390+50 | 391+00 | 391+50 | 392+00 | 392+50 | 393+00 | 393+50 | 394+00 | 394+50 | 395+00 | 395+50 | 396+00 | | | | | | | | | | |



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|-----------------------------|------------------|-----------|
| 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

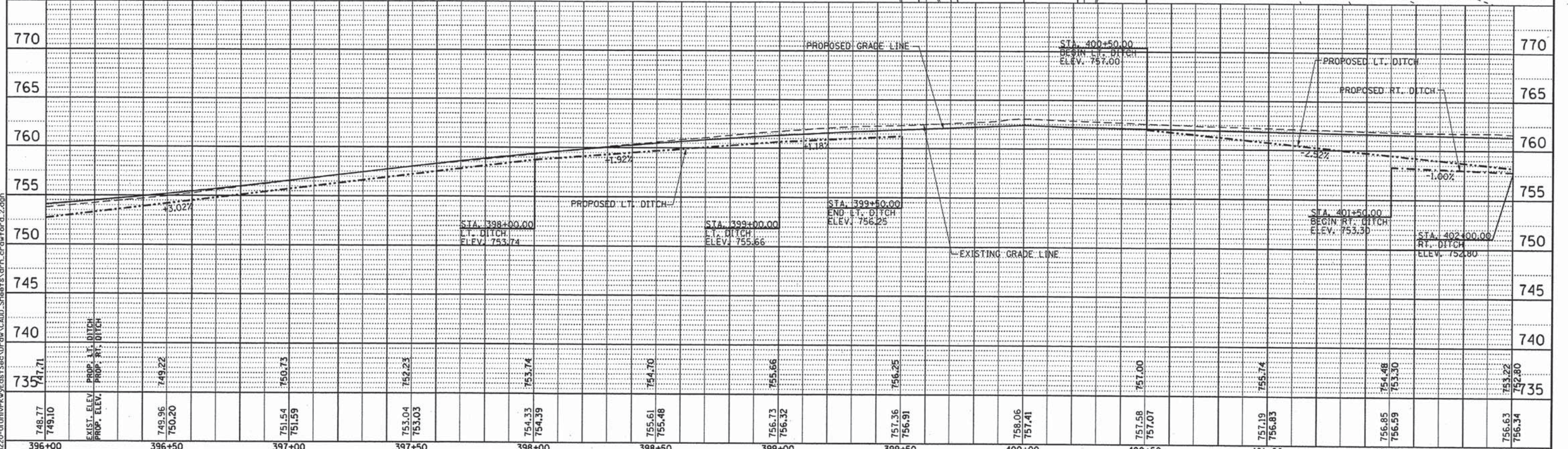
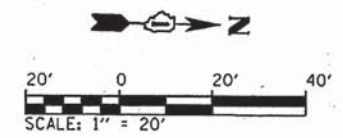
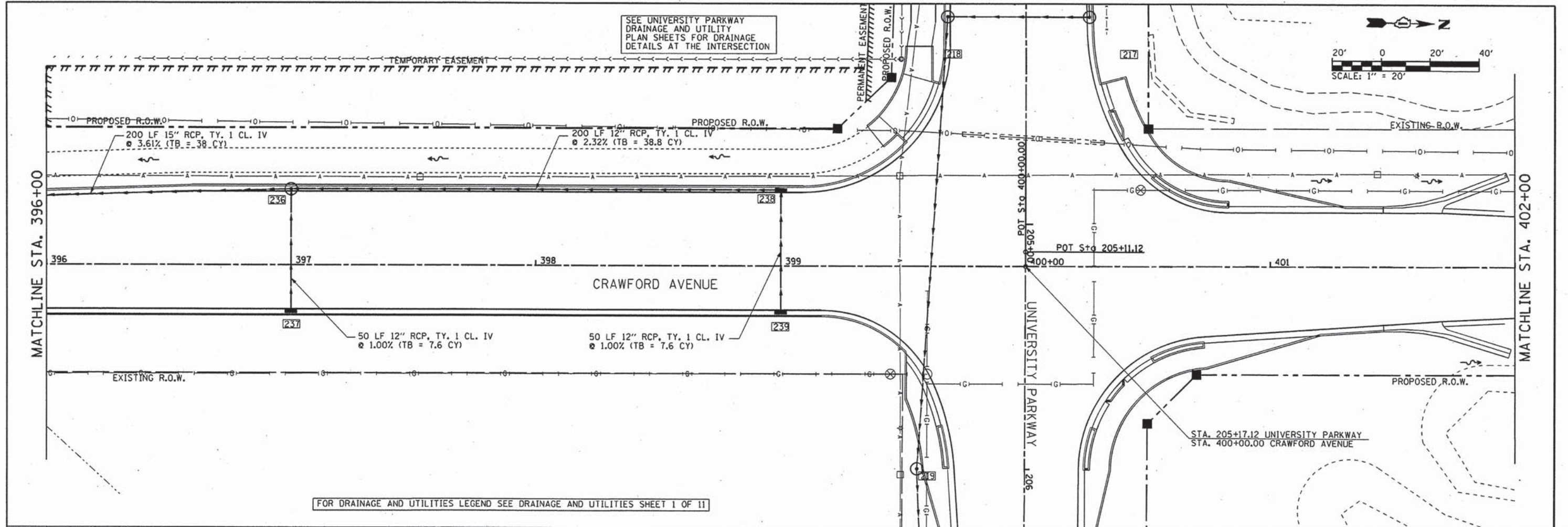
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|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 53 |
| CONTRACT NO. 61A75 | | | ILLINOIS FED. AID PROJECT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

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

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| DATE | |
| BY | |
| PLAN | |
| SURVEYED | |
| PLOTTED | |
| CHECKED | |
| REVISIONS | |
| NO. OF MAY CHECKED | |
| NOTE BOOK | |
| NO. | |
| STRUCTURE NOTATION | |
| NO. | |
| CADD FILE NAME | |

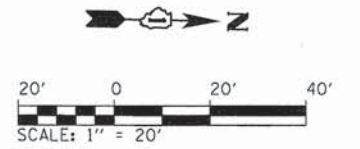
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| DATE | |
| BY | |
| PROFILE | |
| SURVEYED | |
| PLOTTED | |
| CHECKED | |
| REVISIONS | |
| NO. OF MAY CHECKED | |
| NOTE BOOK | |
| NO. | |
| STRUCTURE NOTATION | |
| NO. | |

3/26/2015
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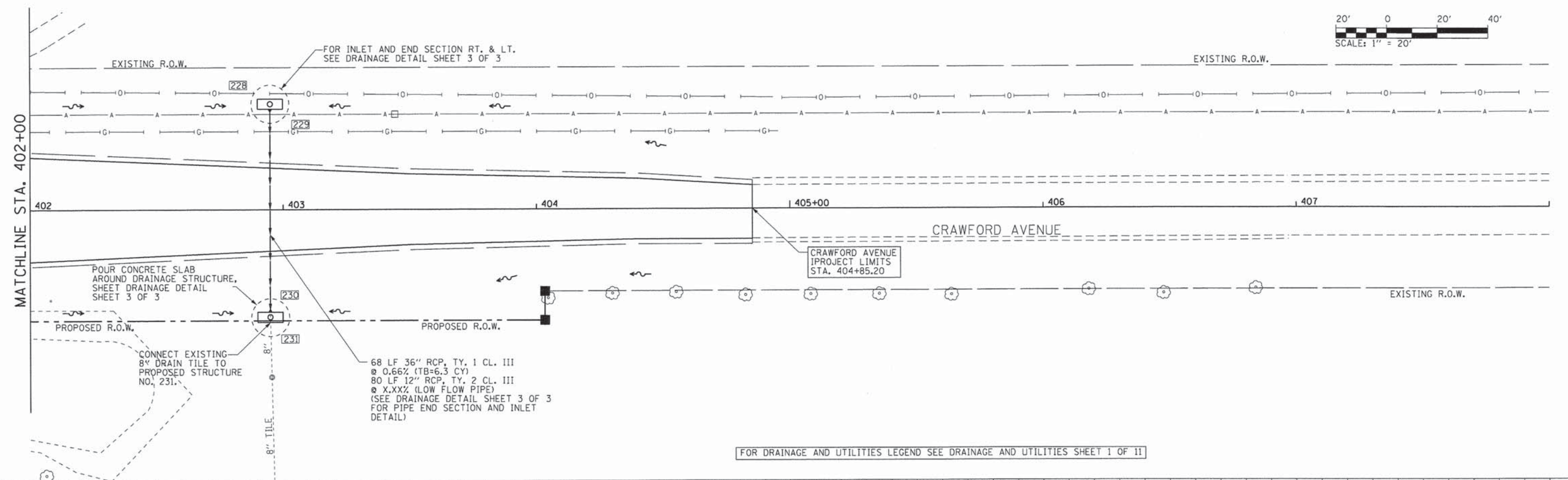


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|--|------------------------------|------------------|-----------|---|---|---------------------------|----------------|--------|--------------|-----------|
| | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRAINAGE AND UTILITIES CRAWFORD AVENUE | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | FILE NAME: | DRAWN - AS | REVISED - | | | 1637 | 96-00014-01-PV | WILL | 119 | 54 |
| | PLOT SCALE = 20.0000' / 1" = | CHECKED - KDN | REVISED - | | | CONTRACT NO. 61A75 | | | | |
| | PLOT DATE = 3/26/2015 | DATE - 1/16/2015 | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | |

SCALE: 1"=20' SHEET 10 OF 11 SHEETS STA. 396+00 TO STA. 402+00

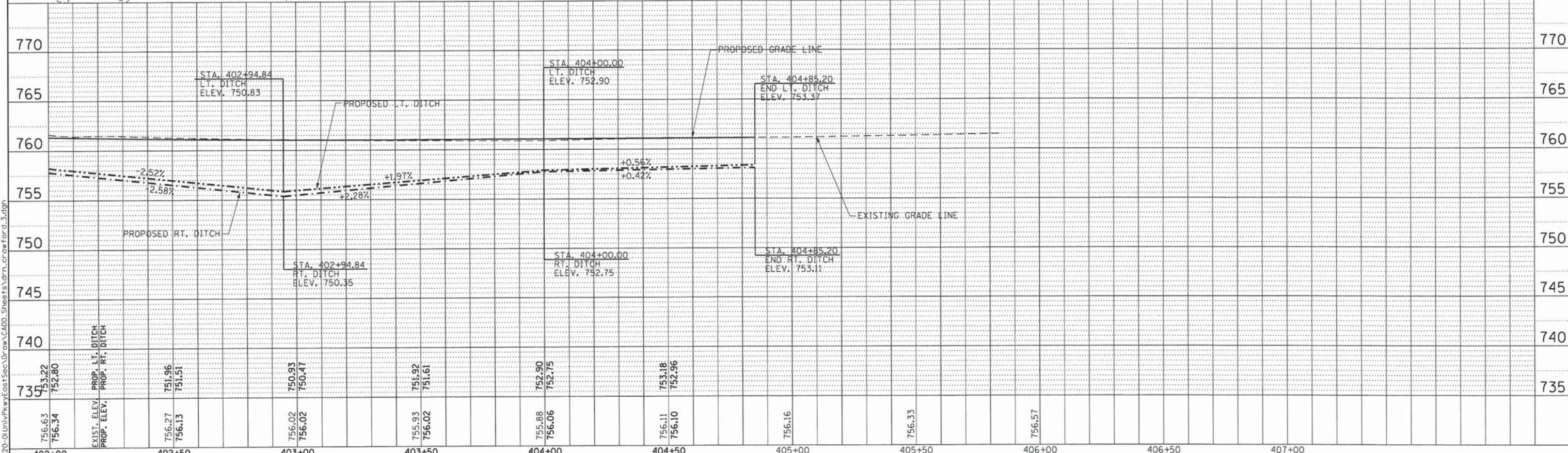


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| DATE | |
| BY | |
| SURVEYED | |
| PLANNED | |
| NOTED | |
| NO. | |



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

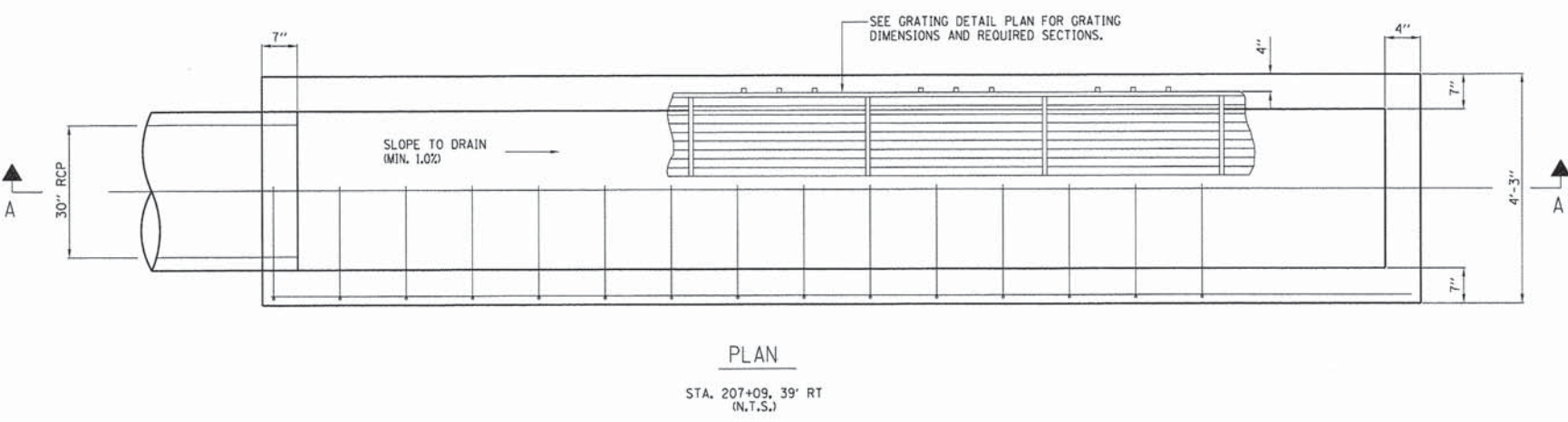
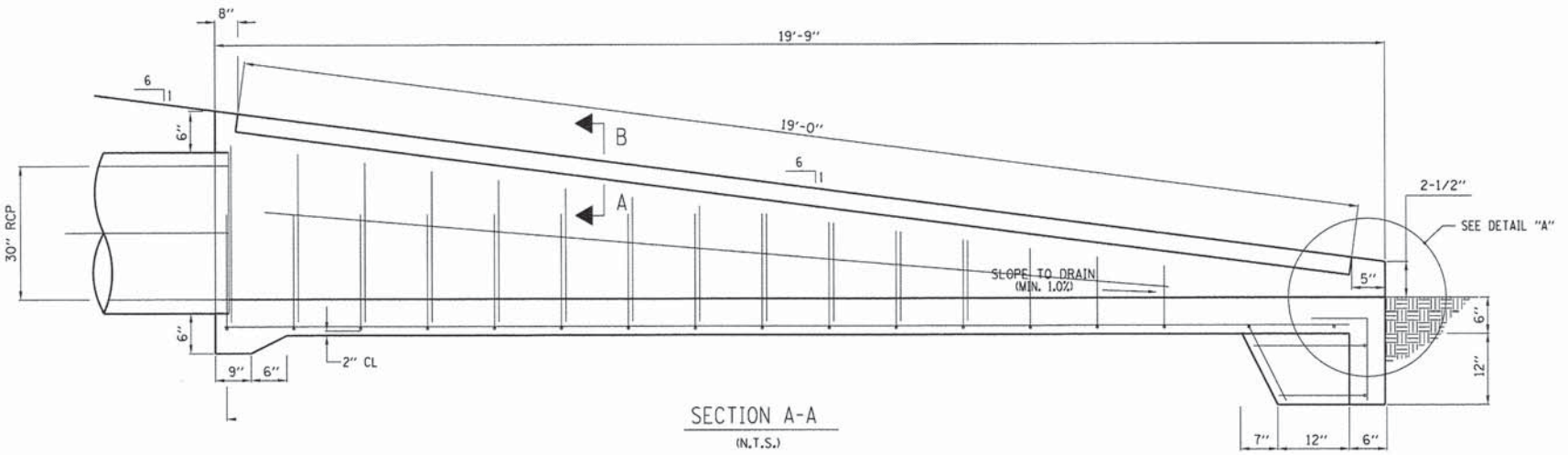
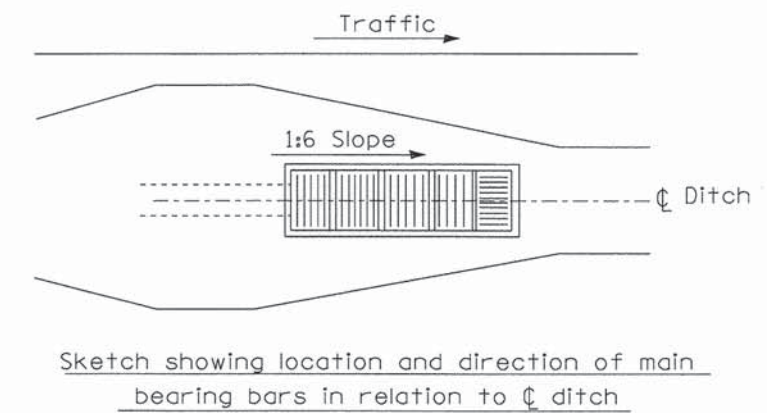
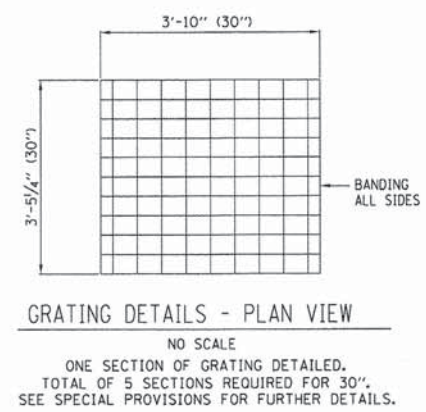
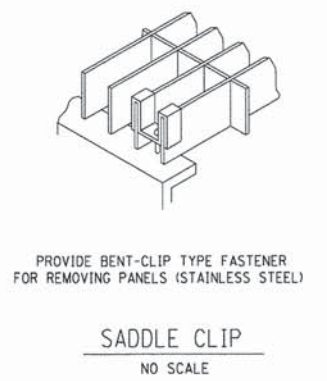
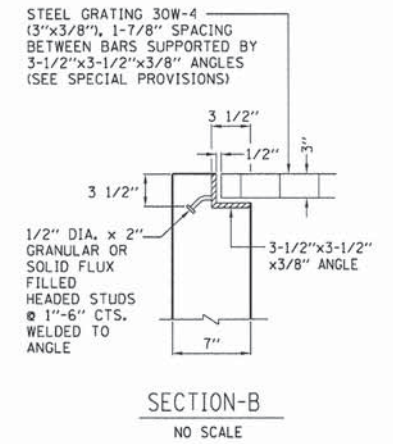
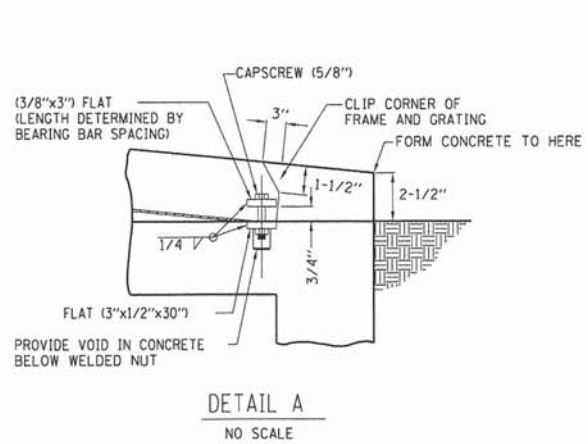
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|--|-----------------------------|------------------|-----------|---|---|--|---------------------------|----------------|--------|--------------|-----------|
| | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRAINAGE AND UTILITIES CRAWFORD AVENUE | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | FILE NAME: | DRAWN - AS | REVISED - | | | | 1637 | 96-00014-01-PV | WILL | 119 | 55 |
| | PLOT SCALE = 28.0000' / 1" | CHECKED - KDN | REVISED - | | | | CONTRACT NO. 61A75 | | | | |
| | PLOT DATE = 1/29/2015 | DATE - 1/16/2015 | REVISED - | | | | ILLINOIS FED. AID PROJECT | | | | |

SCALE: 1"=20' SHEET 11 OF 11 SHEETS STA. 402+00 TO STA. 404+05.28

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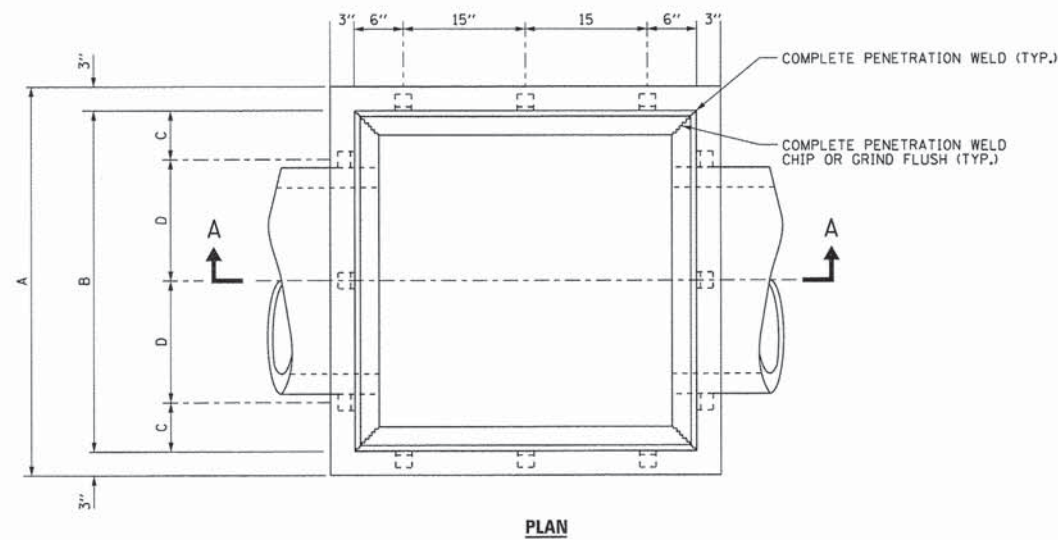
NOTES:

- 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.

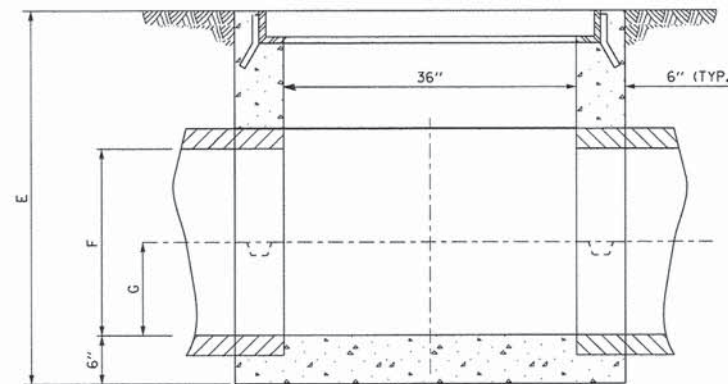
SLOPE INLET BOX 30" - STRUCTURE NO. 220

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| | | | | | | | | | | | | |
|----------------------------------|-----------------------------|---------------|-------------|---|--|-------------|---------------------------|--------------------|----------------|--------|--------------|-----------|
| | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRAINAGE DETAILS UNIVERSITY PARKWAY | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | FILE NAME: sp_struct.lgdg | DRAWN - AS | REVISED - | | | | | 1637 | 96-00014-01-PV | WILL | 119 | 56 |
| | PLOT SCALE = 3,0000' / in. | 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 | | | | | |



| 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" |



SECTION B-B
FLUSH INLET BOX SPECIAL DETAIL

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1/29/2015



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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: detail-05.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 60.0000' / 1" | CHECKED - KDN | REVISED - |
| PLOT DATE = 1/29/2015 4:38:39 PM | DATE - 1/16/2015 | REVISED - |

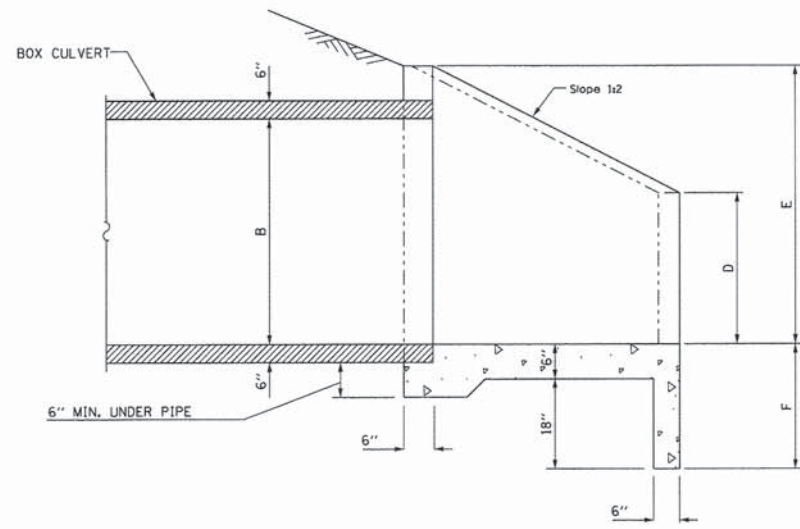
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
UNIVERSITY PARKWAY

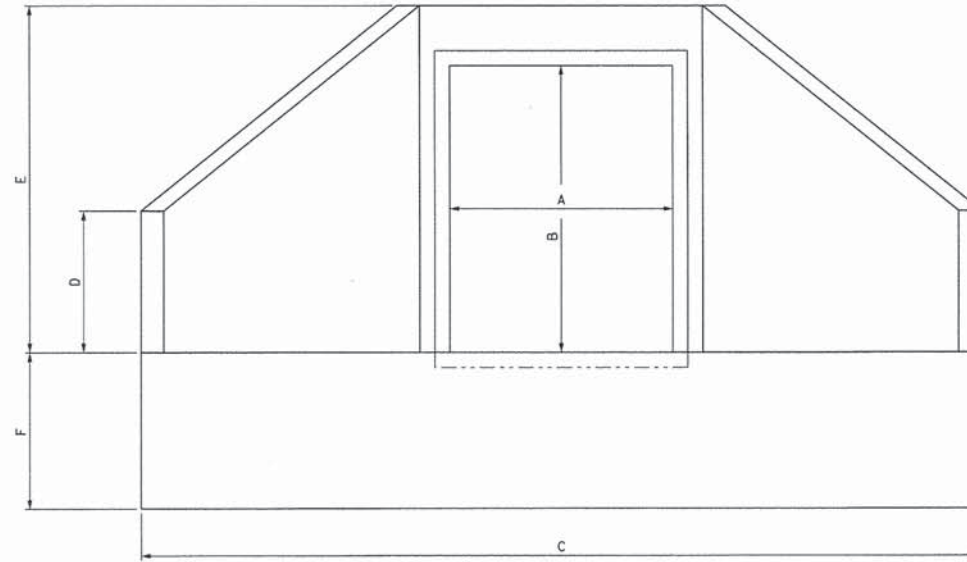
SCALE: N/A SHEET 2 OF 3 SHEETS STA. TO STA.

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

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

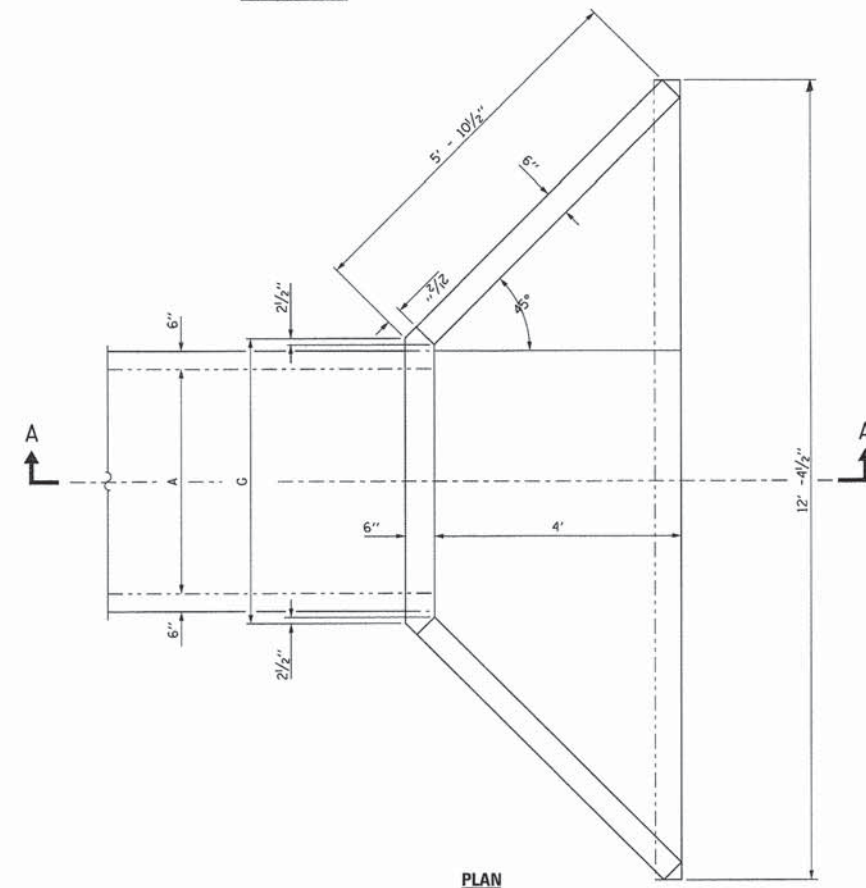


SECTION A-A

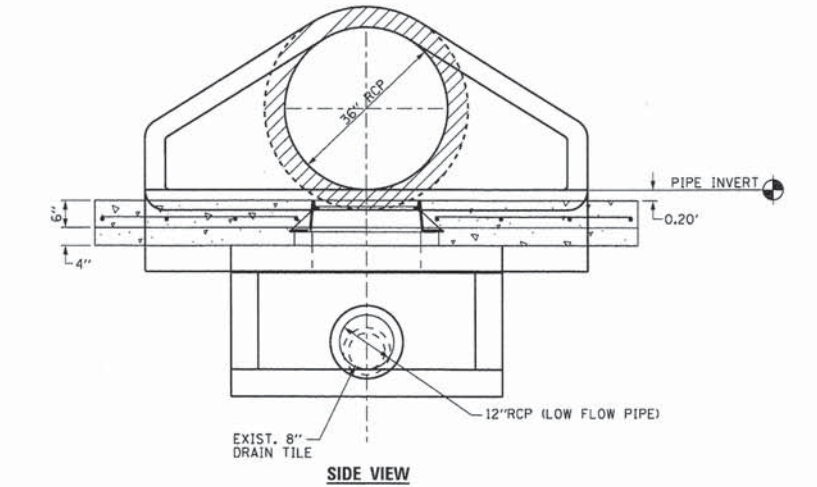


END VIEW

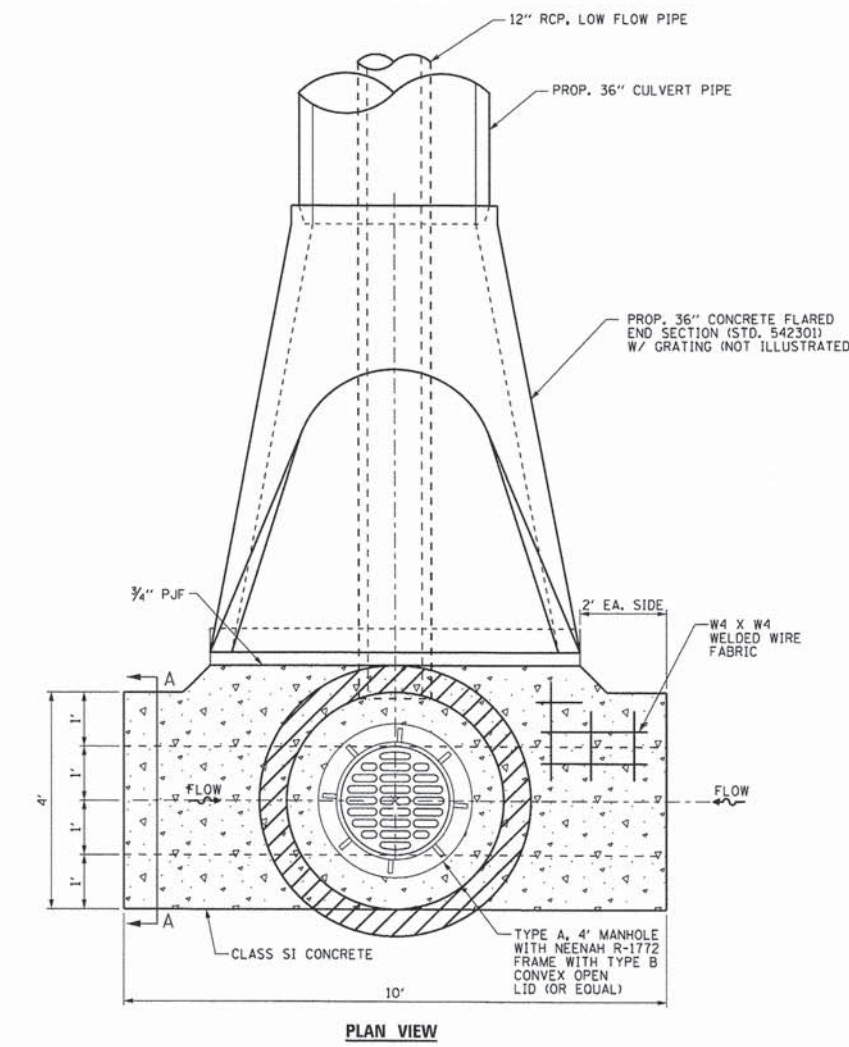
| LOCATION | NOMINAL BOX SIZE | DIMENSIONS | | | | | | |
|---------------------------------------|------------------------|------------|----|------------|-----|--------|-----|-------|
| | | A | B | C | D | E | F | G |
| CRAWFORD AVE. 393+90.50 57' RT | 4' X 2' BOX CULVERT | 4' | 2' | 12'-4 1/2" | 22" | 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

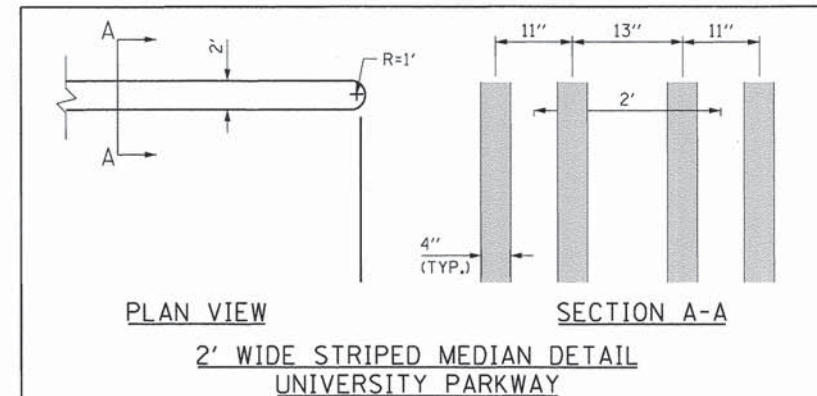
**INLET DETAIL – STRUCTURE NO. 228-231
STA. 402 + 94.84
CRAWFORD AVENUE**

REINFORCED CONCRETE FLAT TOP – SPECIAL

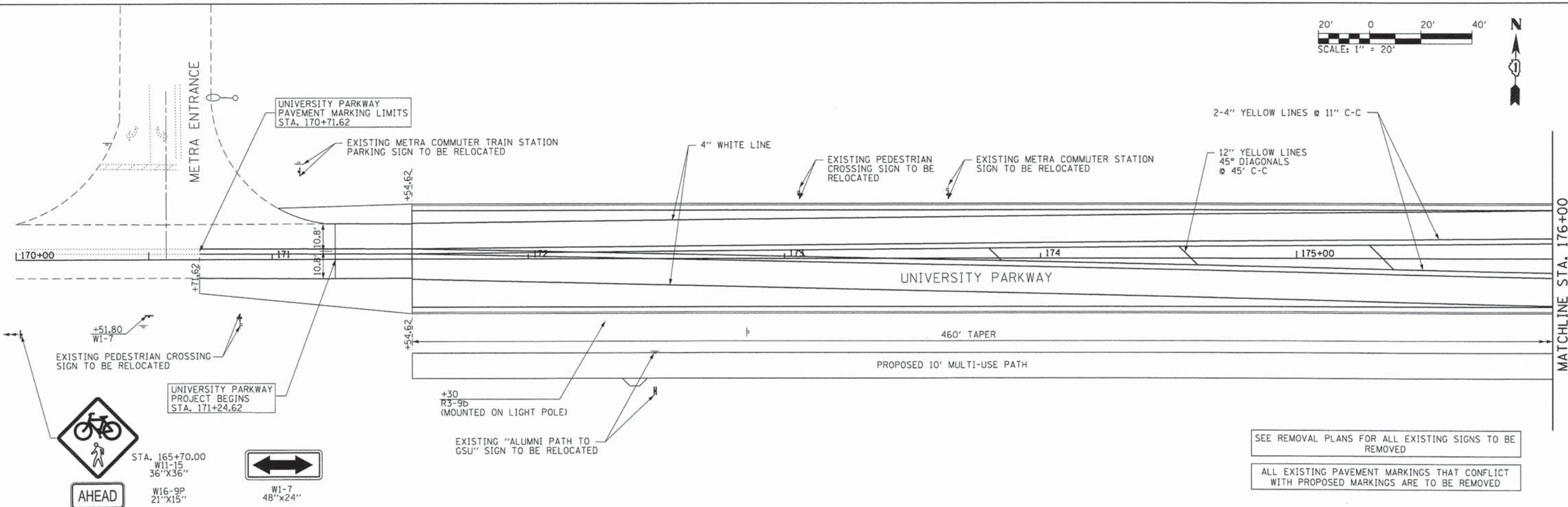
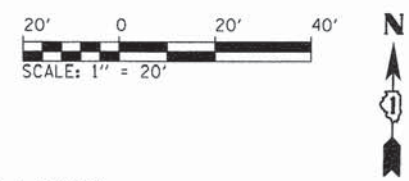
NOTES:

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.

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- 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

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USER NAME = Kristin Timmons
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DESIGNED - AS
 DRAWN - AS
 CHECKED - KDN
 DATE - 1/16/2015

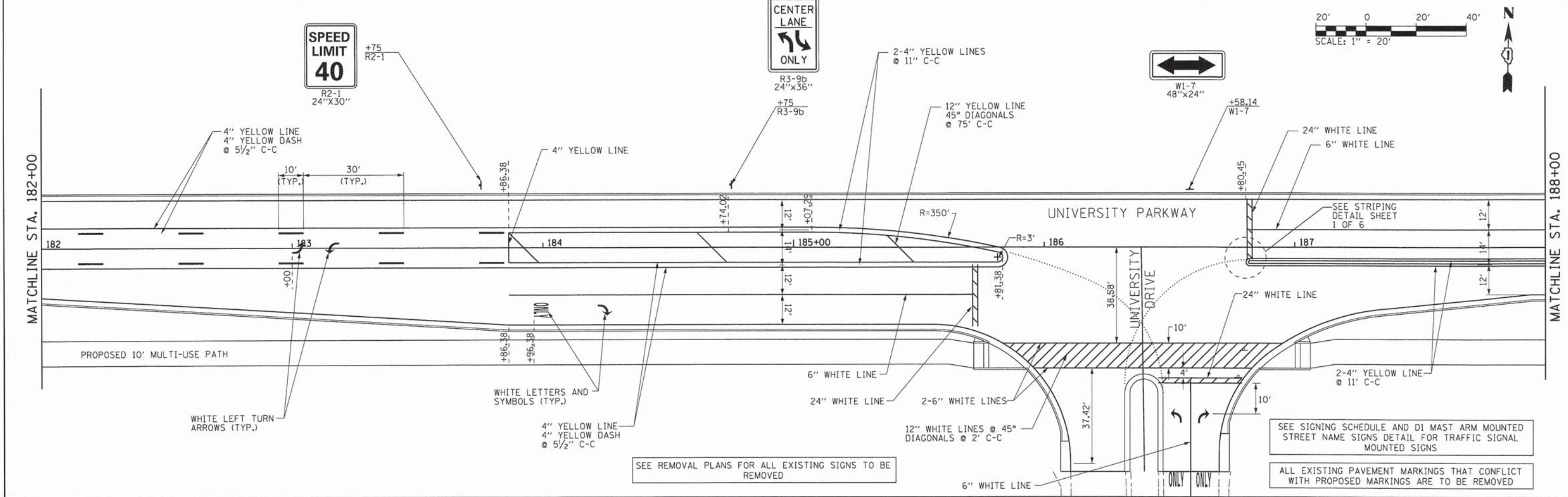
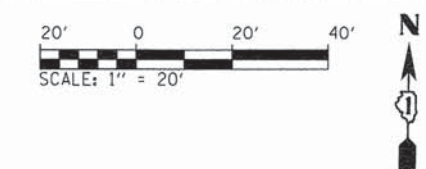
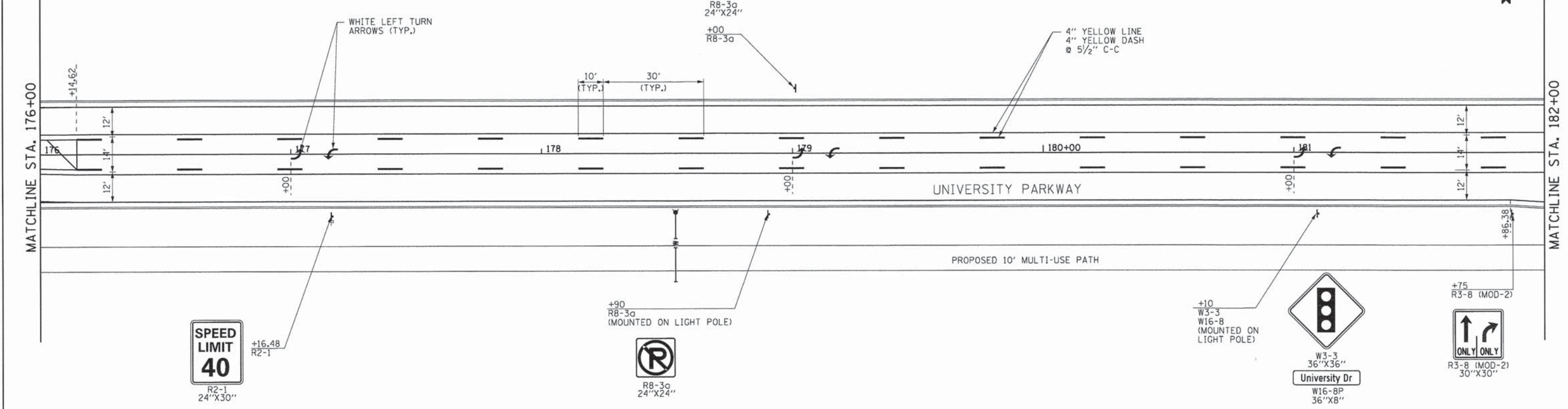
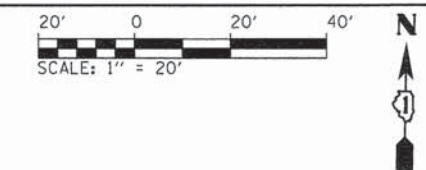
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN
 UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 164+00 TO STA. 176+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 1637 | 96-00014-01-PV | WILL | 119 | 60 |
| CONTRACT NO. 61A75 | | | ILLINOIS FED. AID PROJECT | |



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1/29/2015



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|-----------------------------|---------------|-----------|
| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME = pmark_8.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 20,0000 "/> | | |

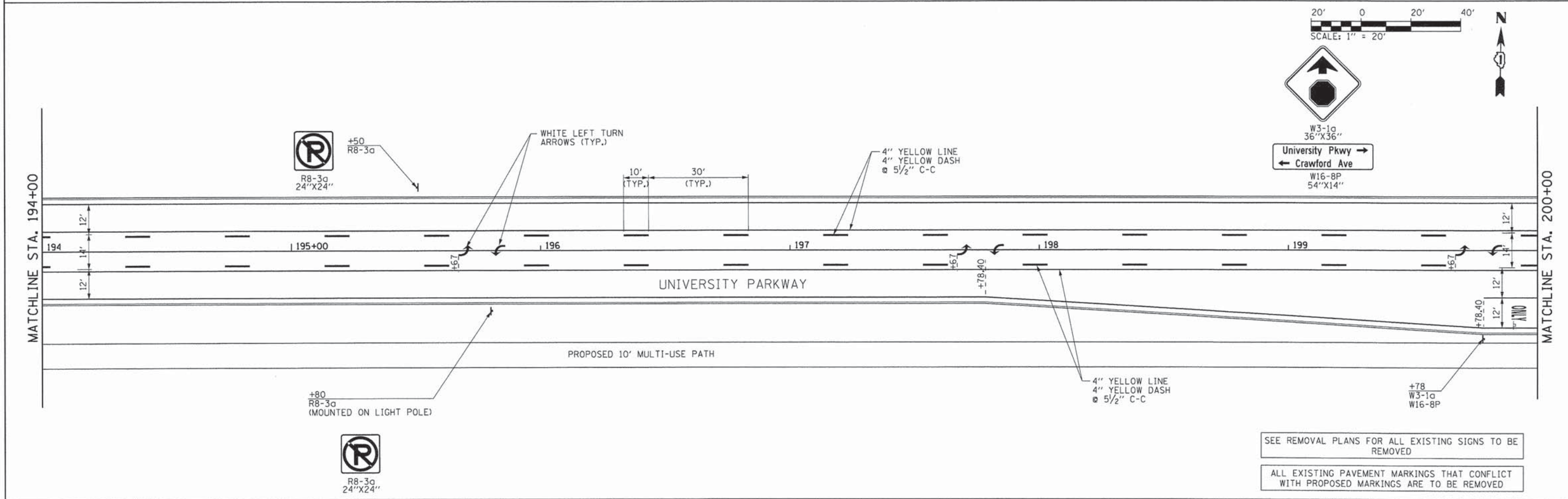
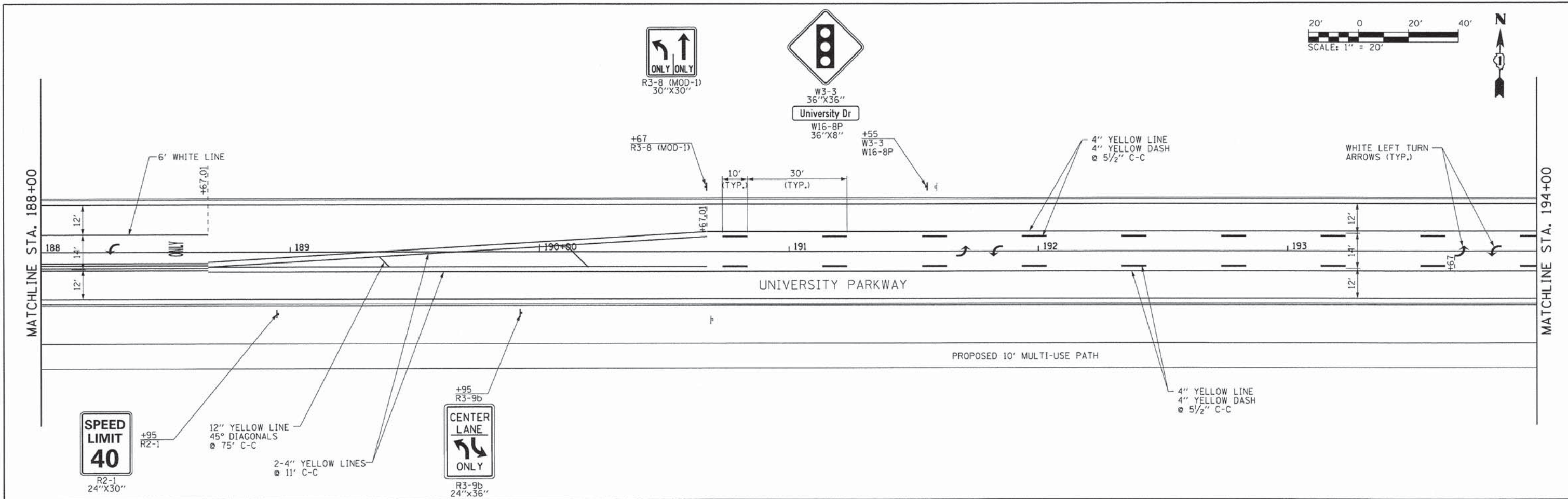
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**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 NONE | TOTAL SHEETS 119 | SHEET NO. 61 |
| CONTRACT NO. 61A75 | | | ILLINOIS FED. AID PROJECT | |

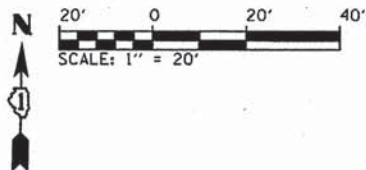
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1/29/2015



SEE REMOVAL PLANS FOR ALL EXISTING SIGNS TO BE REMOVED

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

| | | | | | | | | | | | |
|--|----------------------------------|------------------|-----------|---|---|---------------------|--------------------|----------------|---------------------------|--------------|-----------|
| | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT MARKING & SIGNING PLAN UNIVERSITY PARKWAY | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | FILE NAME: pmark_9.dgn | DRAWN - AS | REVISED - | | | | 1637 | 96-00014-01-PV | WILL | 119 | 62 |
| | PLOT SCALE = 20,0000 / in. | CHECKED - KDN | REVISED - | | | | CONTRACT NO. 61A75 | | | | |
| | PLOT DATE = 1/29/2015 4:38:42 PM | DATE - 1/16/2015 | REVISED - | | SCALE: 1"=20' | SHEET 3 OF 6 SHEETS | STA. 188+00 | TO STA. 200+00 | 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



SPEED
LIMIT
40

R2-1
24"x30"

+50
R2-1

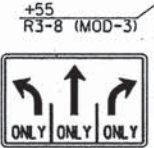
SEE STRIPING
DETAIL SHEET
1 OF 6

+37
D3-1

MATCHLINE STA. 200+00

MATCHLINE STA. 206+00

PROPOSED 10' MULTI-USE PATH



+55
R3-8 (MOD-3)

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

WHITE LETTERS AND
SYMBOLS (TYP.)

2-6" WHITE LINE



STOP
ALL WAY
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



W3-1a
36"x36"

University Pkwy
Crawford Ave

W16-8P
54"x14"



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

+60
R3-8 (MOD-1)

MATCHLINE STA. 206+00

END UNIVERSITY PARKWAY
IMPROVEMENTS
STA. 211+00.00

6" WHITE LINE

12" WHITE LINE 45° DIAGONALS
30' C-C

6" WHITE LINE
2' DASH-6' SKIP

4" WHITE
EDGE LINE

+90
W3-1a
W16-8P

EXISTING "NO TRUCKS" SIGN
SIGN TO BE RELOCATED

+15
W6-3
(MOUNTED ON LIGHT POLE)

WHITE LETTERS AND
SYMBOLS (TYP.)



W6-3
36"x36"



SPEED
LIMIT
40

R2-1
24"x30"

+95
R2-1

2-4" YELLOW LINES
11" C-C

4" WHITE
EDGE LINE

SEE REMOVAL PLANS FOR ALL EXISTING SIGNS TO BE
REMOVED

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

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3/26/2015



USER NAME = Kristin Timmons
FILE NAME = pmark_10.dgn
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PLOT DATE = 3/26/2015 4:18:56 PM

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

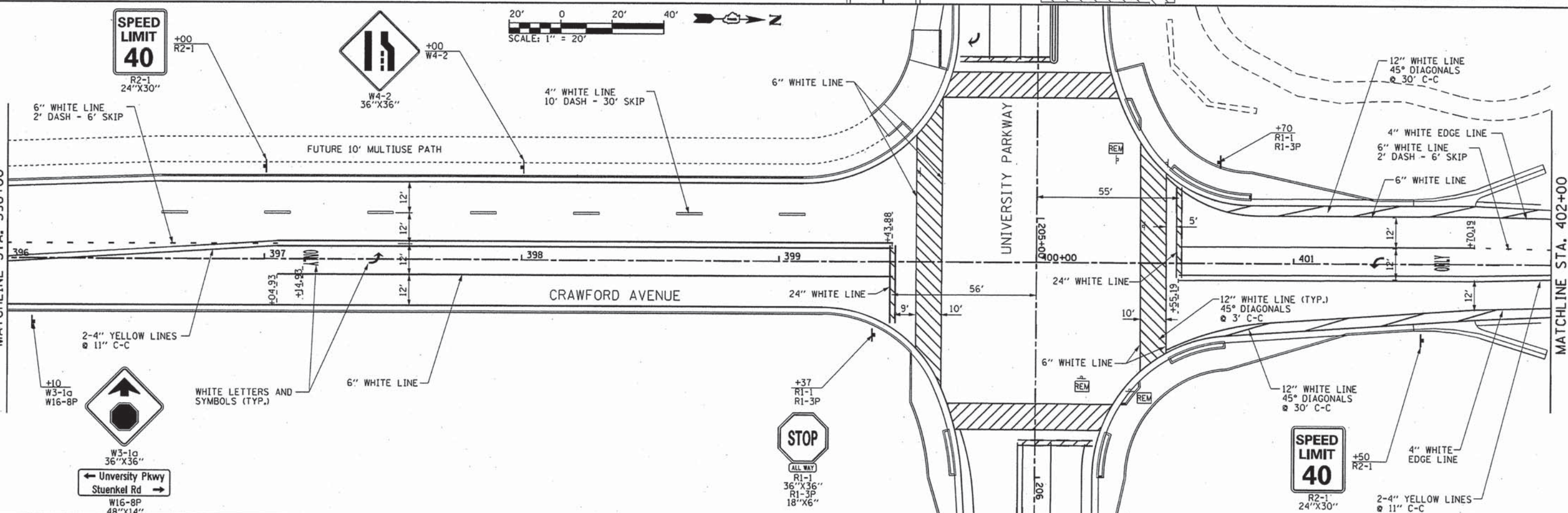
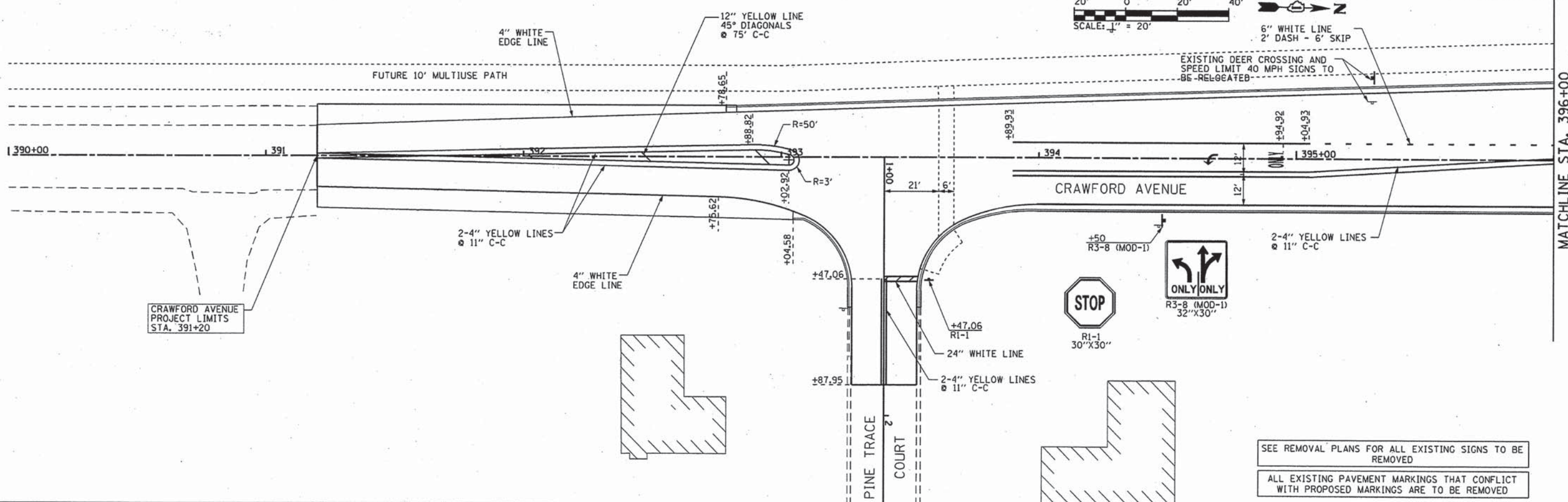
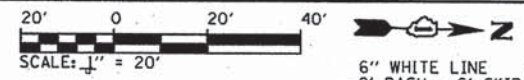
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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 | | | | |



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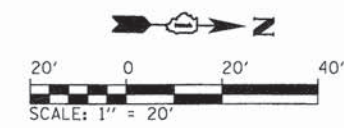
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| FILE NAME = pmark_crow.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 20,0000' / in. | CHECKED - KON | REVISED - |
| PLOT DATE = 3/26/2015 4:18:57 PM | DATE - 1/16/2015 | REVISED - |

**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

6" WHITE LINE
2' DASH - 6' SKIP

+75
W3-1a
W16-8P

4" WHITE
EDGE LINE

402

403

404

405+00

406

407

408

CRAWFORD AVENUE

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

4" WHITE
EDGE LINE

CRAWFORD AVENUE
PROJECT LIMITS
STA. 404+85.19

SEE REMOVAL PLANS FOR ALL EXISTING SIGNS TO BE REMOVED

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

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1/29/2015



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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: pmark_crow_2.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 28.0000' / 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 INTERIM AND STABILIZATION PRACTICES, AS A MINIMUM, WILL BE IMPLEMENTED TO STABILIZE THE DISTURBED AREA OF THE SITE:

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

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

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

B. STORMWATER MANAGEMENT

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

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

THE STORMWATER POLLUTANT CONTROL MEASURES SHALL INCLUDE:

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

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

STORMWATER MANAGEMENT CONTROL INCLUDES:

1. VEGETATIVE CHANNELS

C. OTHER CONTROLS

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

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

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

D. APPROVED STATE OR LOCAL PLANS

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

3. MAINTENANCE

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

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

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

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

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

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

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

4. INSPECTIONS

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

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

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

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

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

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL

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

5. NON-STORMWATER DISCHARGES

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

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

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

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

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

GENERAL NOTES:

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

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

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

ESTABLISHED STABILIZATION OF ALL WORK IN STAGE 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 SEEDING AND MULCHED, AND THE PERIMETER BARRIER REMOVED.

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

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

TEMPORARY EROSION CONTROL SEEDING 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. ILR10_____, 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.

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| | | |
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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME = ero.notes.dgn | DRAWN - AS | REVISED - |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**













EROSION CONTROL GENERAL NOTES

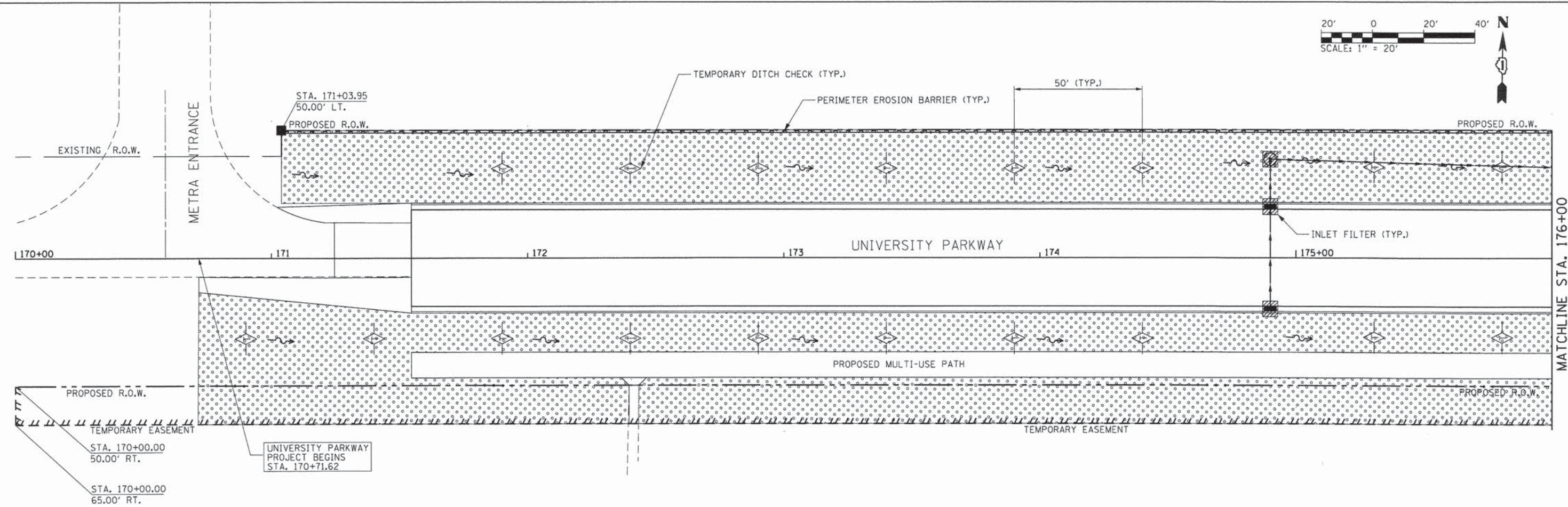
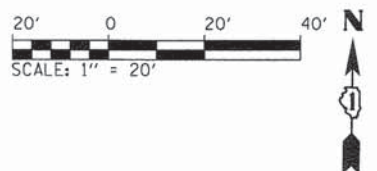
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 1637 | 96-00014-01-PV | WILL | 119 | 66 |
| 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



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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
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| PLOT SCALE = 20,0000' / 1" = | CHECKED - KDN | REVISED - |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

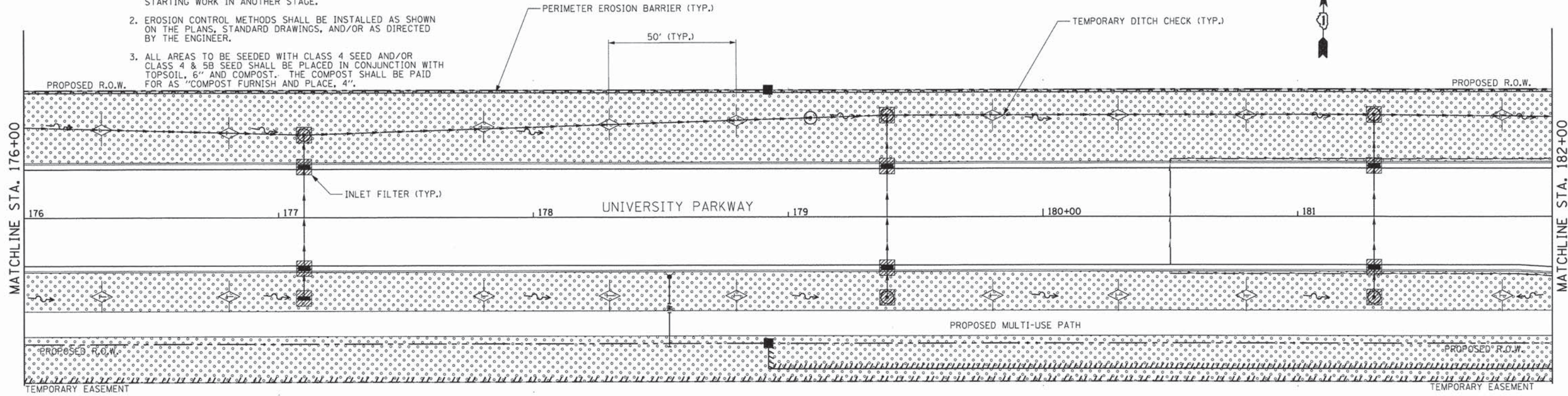
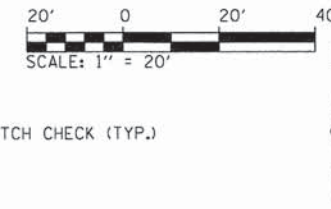
**LANDSCAPING AND EROSION CONTROL
UNIVERSITY PARKWAY**

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 170+00 TO STA. 176+00

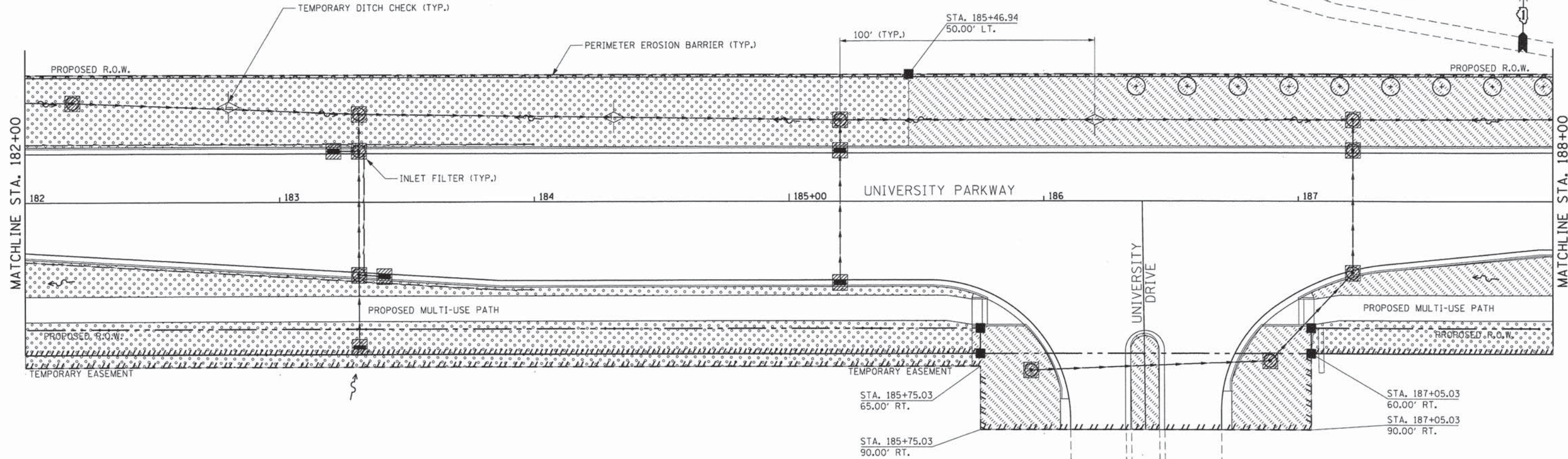
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------|--------|--------------|-----------|
| 1637 | 96-0014-01-PV | WILL | 119 | 67 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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



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

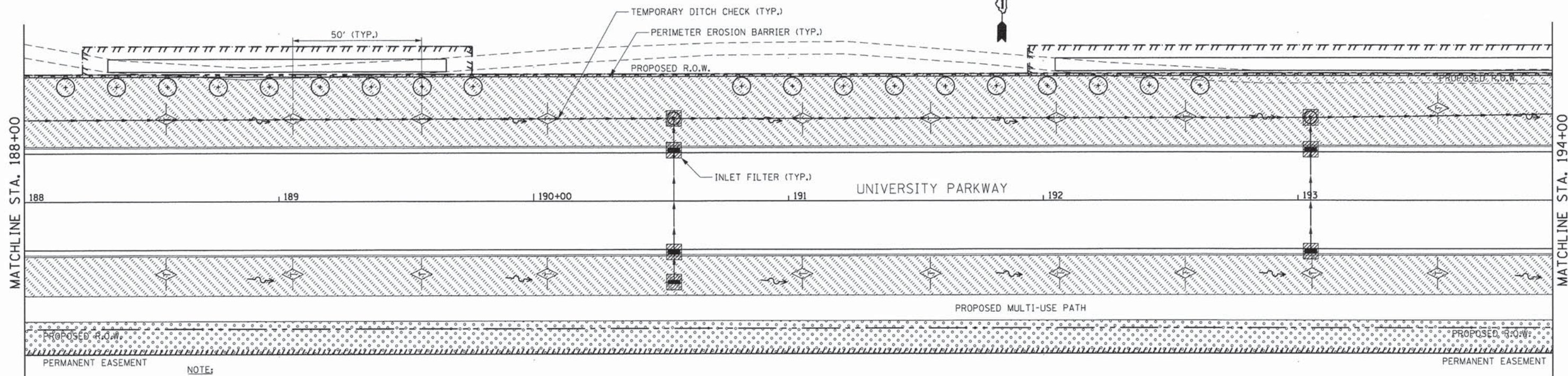
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING AND EROSION CONTROL
 UNIVERSITY PARKWAY**

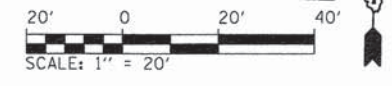
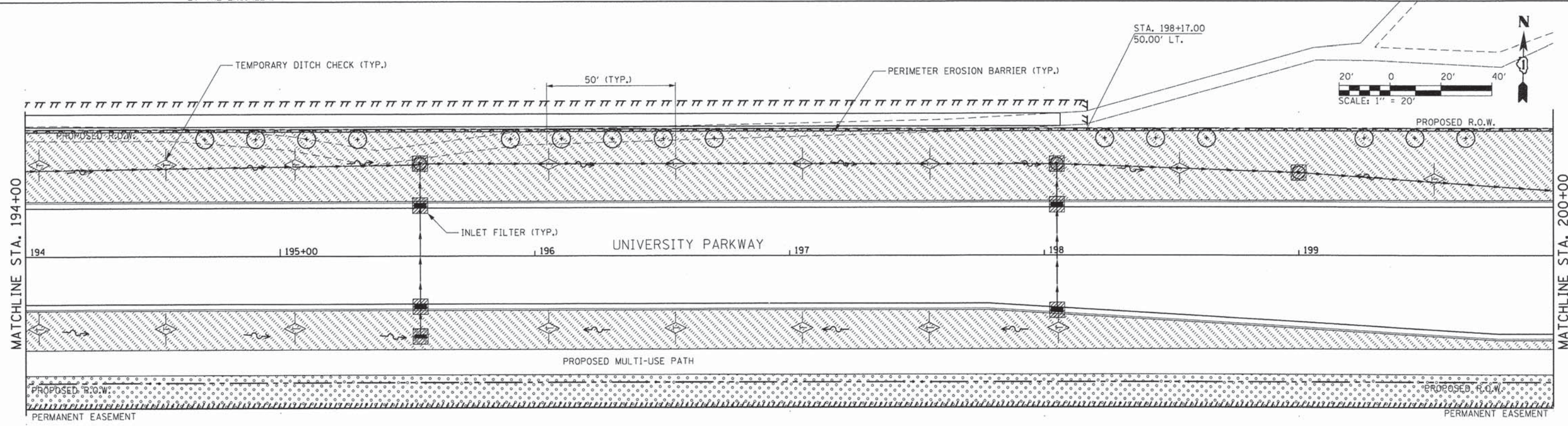
SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 176+00 TO STA. 188+00

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



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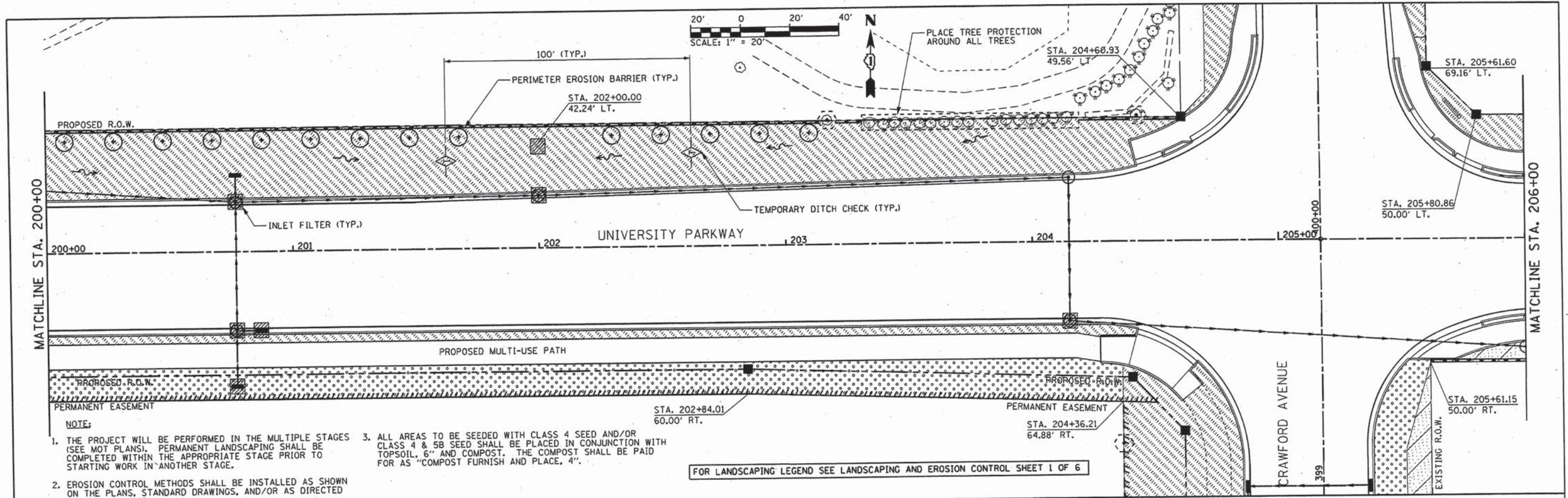
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING AND EROSION CONTROL
UNIVERSITY PARKWAY**

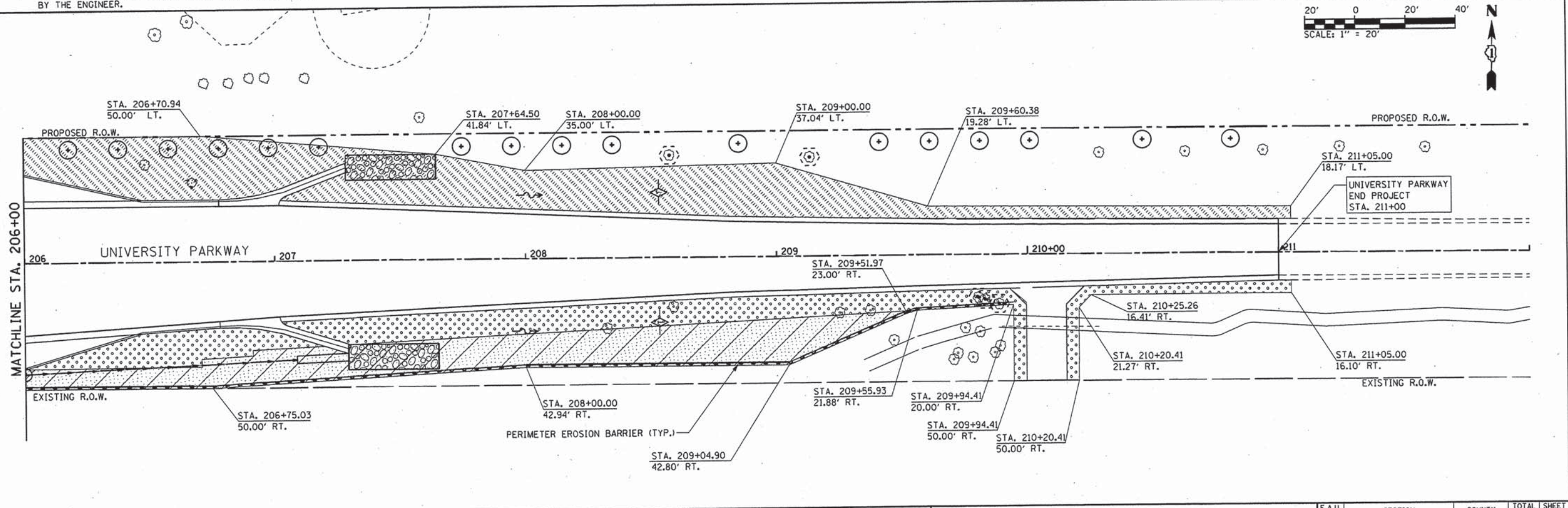
SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 188+00 TO STA. 200+00

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



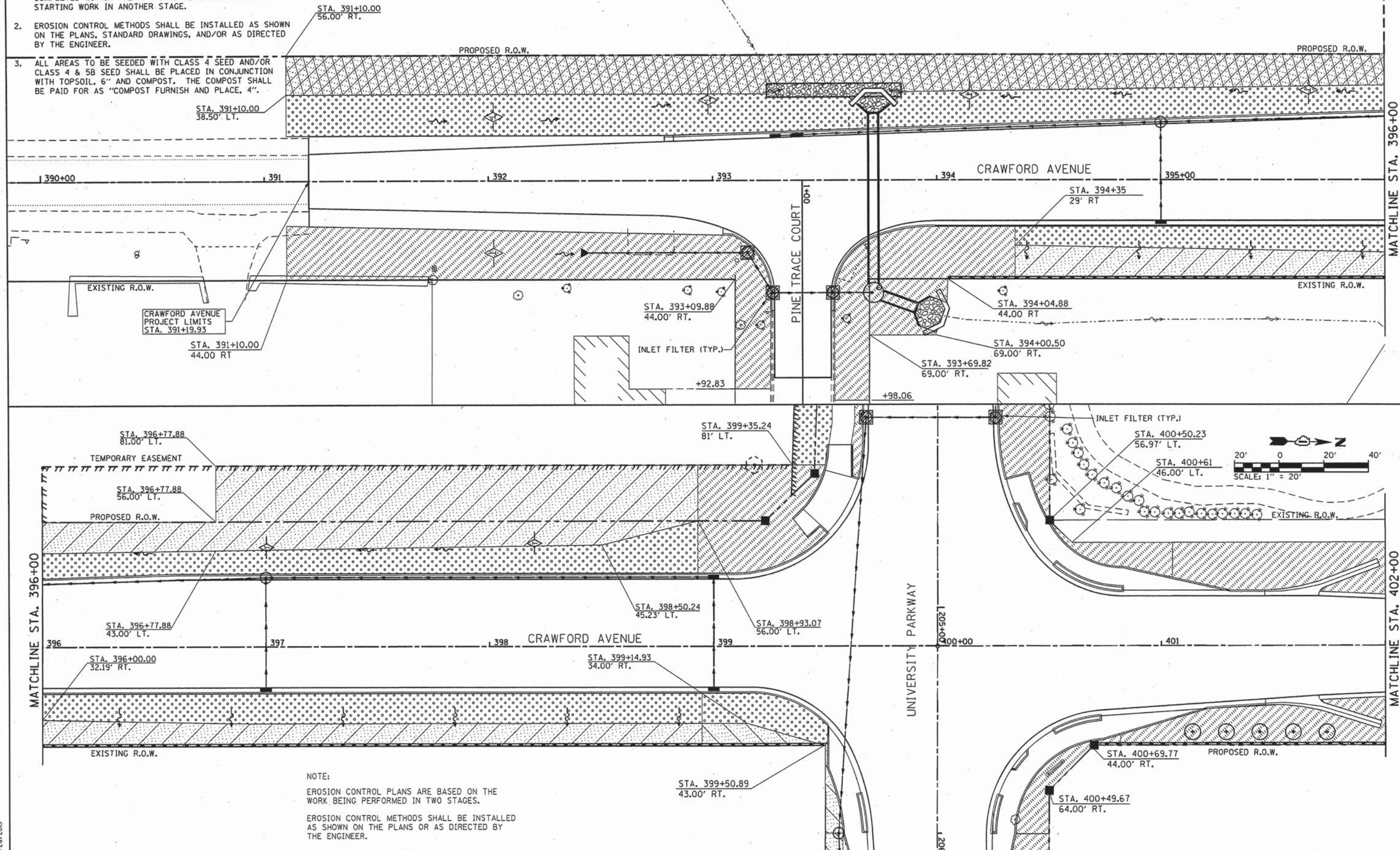
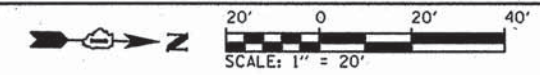
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| | | | | | | | | | | |
|--|----------------------------------|------------------|-----------|---|---|------------------|------------------------|----------------------------|--------------------|--------------|
| | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | LANDSCAPING AND EROSION CONTROL UNIVERSITY PARKWAY | F.A.U. RTE. 1637 | SECTION 96-00014-01-PV | COUNTY WILL | TOTAL SHEETS 119 | SHEET NO. 70 |
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| | PLOT SCALE = 20.0000' / in. | CHECKED - KDN | REVISED - | | | | | | | |
| | PLOT DATE = 3/26/2015 4:19:07 PM | DATE - 1/16/2015 | REVISED - | | | | | | | |

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.
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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.



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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME = landscape_craw_inew.dgn | DRAWN - AS | REVISED - |
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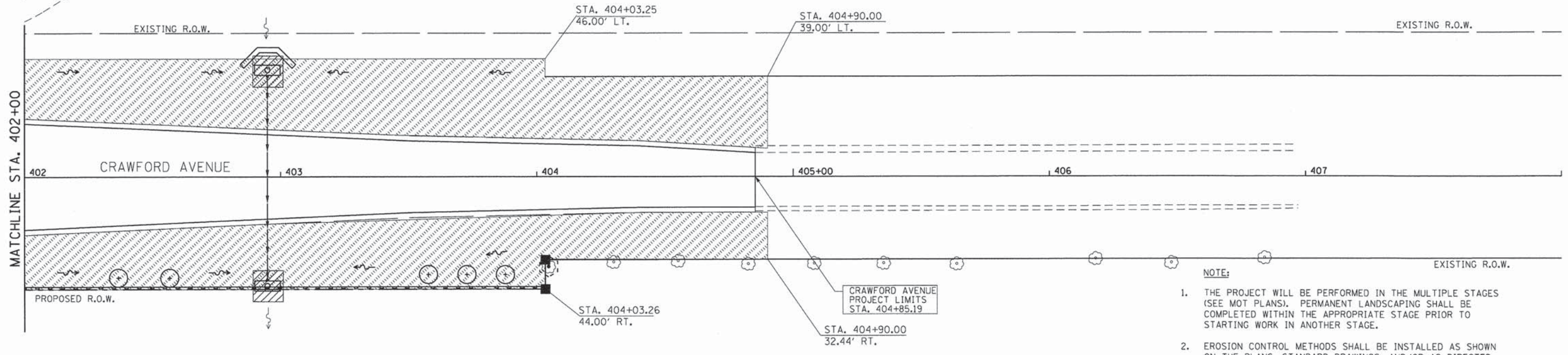
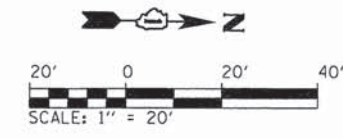
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**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 | |

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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.
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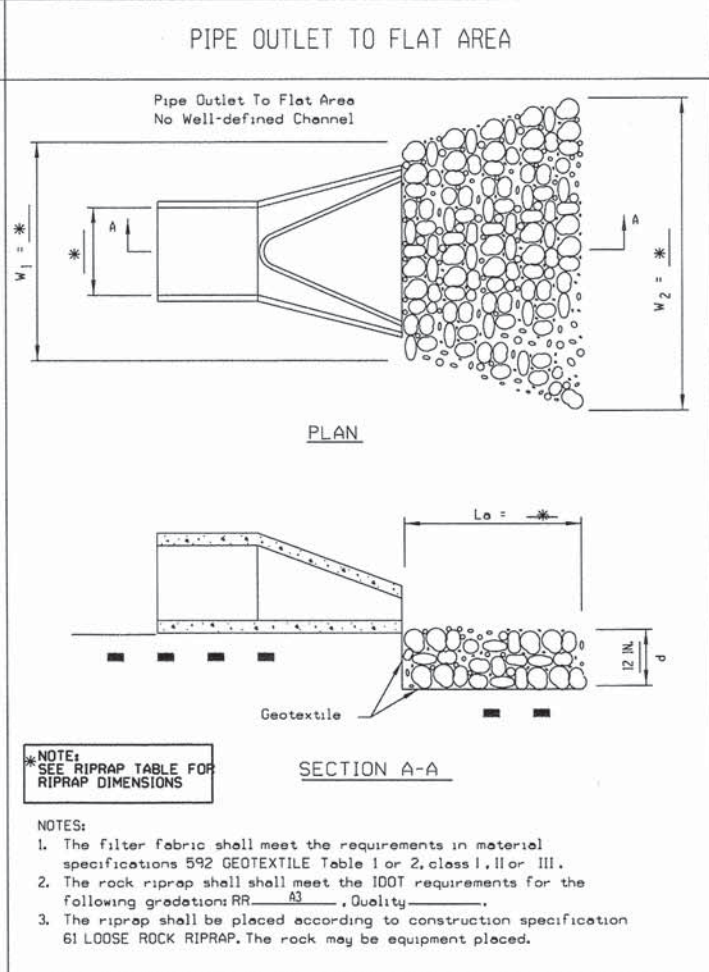
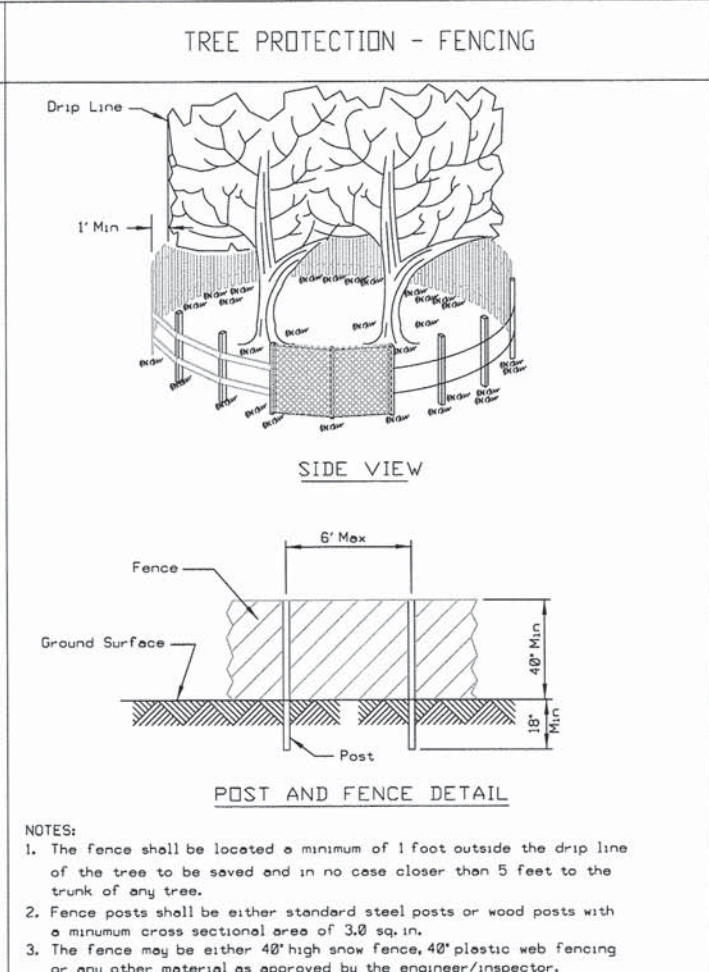
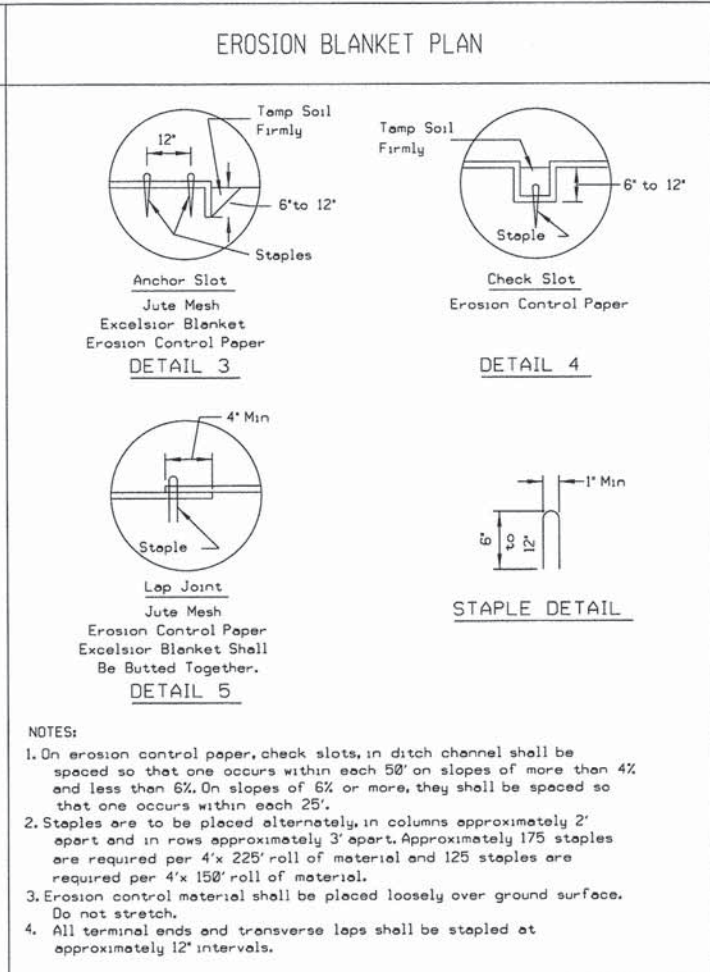
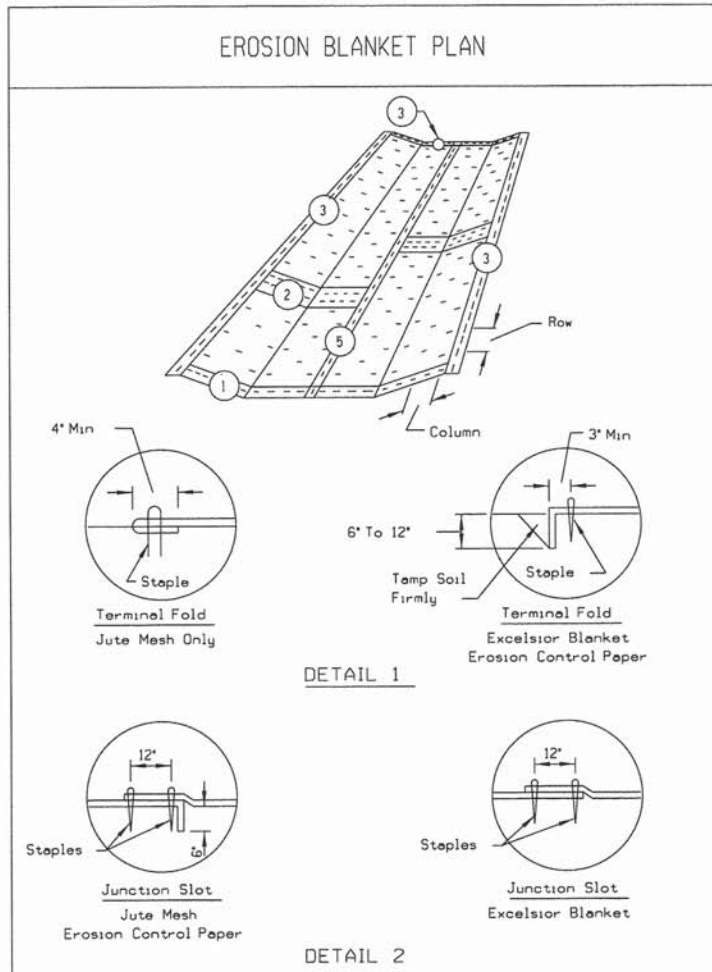


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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: landscape_craw_2new.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 20.0000 "/> | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|--|---------------------|
| LANDSCAPING AND EROSION CONTROL CRAWFORD AVENUE | |
| SCALE: 1"=20' | SHEET 6 OF 6 SHEETS |
| STA. 402+00 TO STA. 404+05.28 | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 1637 | 96-00014-01-PV | WILL | 119 | 72 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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

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

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

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

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

A. SEEDING CLASS 2A (SEE IDOT STD. SPEC. ART. 250.07 FOR SEEDING MIXTURE)
 B. TEMPORARY SEEDING (SEE IDOT STD. SPEC. ART. 280.04 f.)

| STRUCTURE LOC. | W1 (FT) | W2 (FT) | LA (FT) |
|---------------------|---------|---------|---------|
| STA. 207+28.50, LT. | 10 | 10 | 36 |
| STA. 207+28.50, RT. | 10 | 10 | 36 |
| STA. 393+24, LT. | 6 | 6 | 60 |
| STA. 393+94, RT. | 8.75 | 8.75 | 12 |

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 CHECKED - KDN
 DATE - 1/16/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION








EROSION CONTROL DETAILS

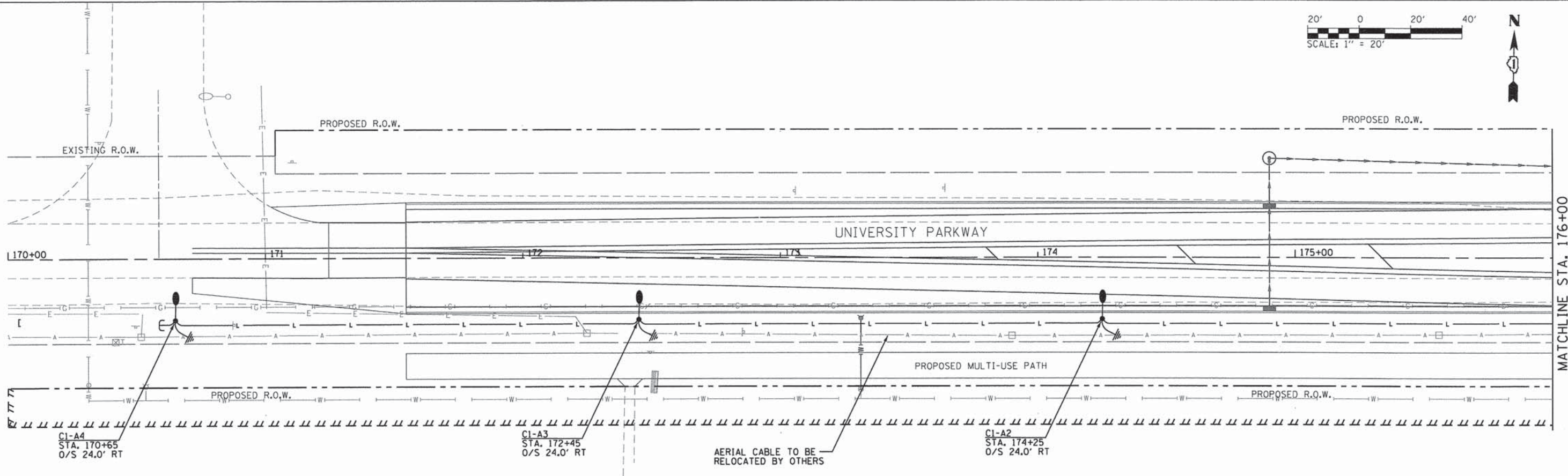
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 73 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| 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.



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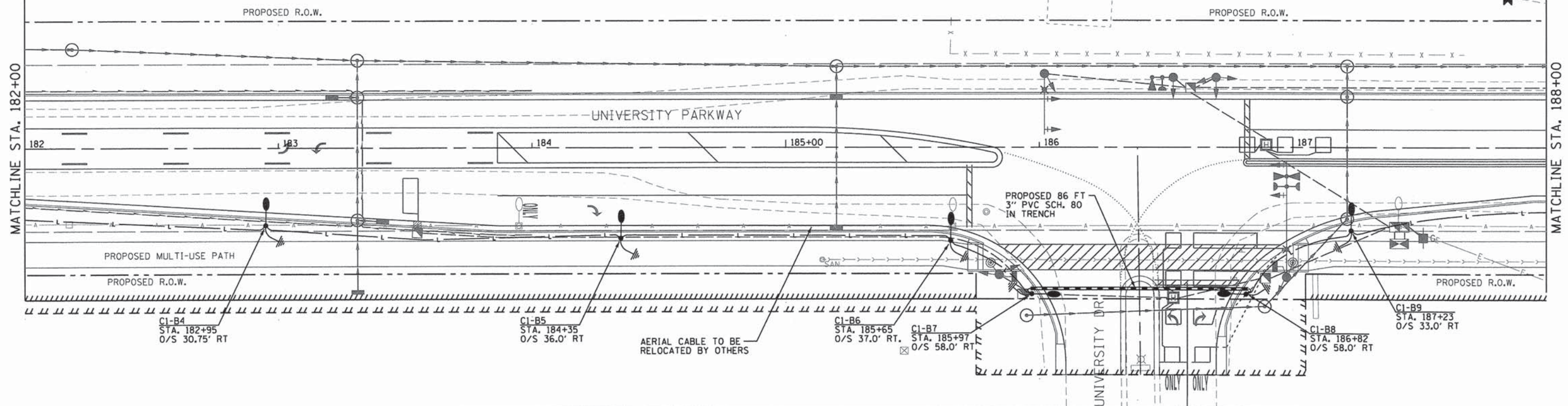
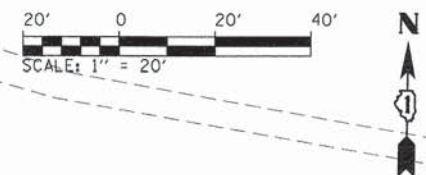
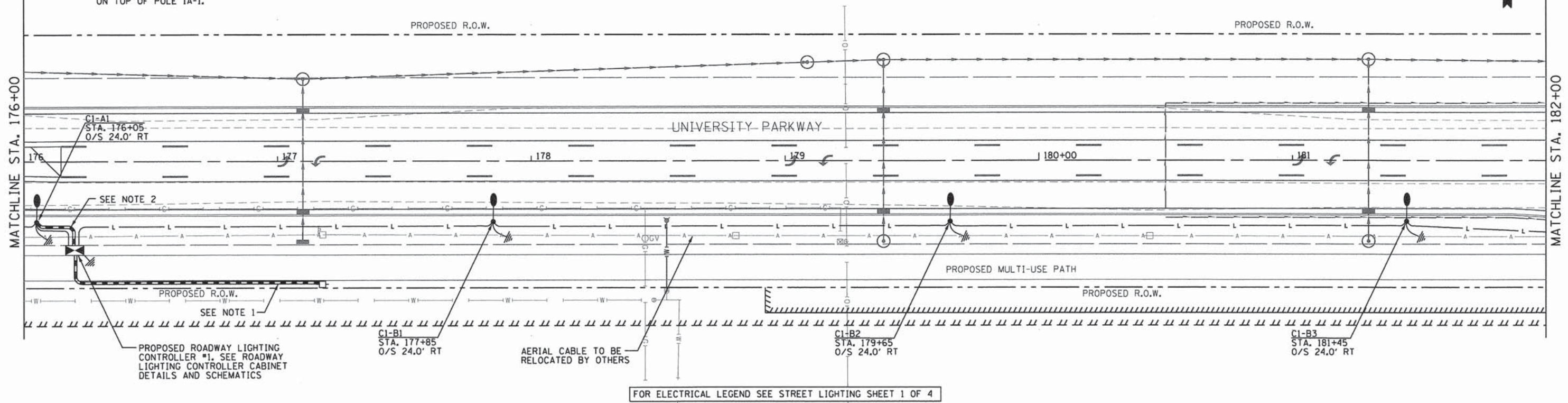
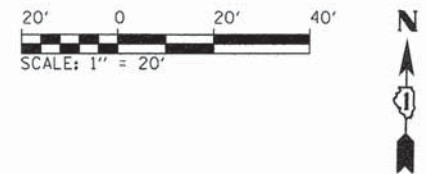
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY LIGHTING PLAN
UNIVERSITY PARKWAY**

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

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



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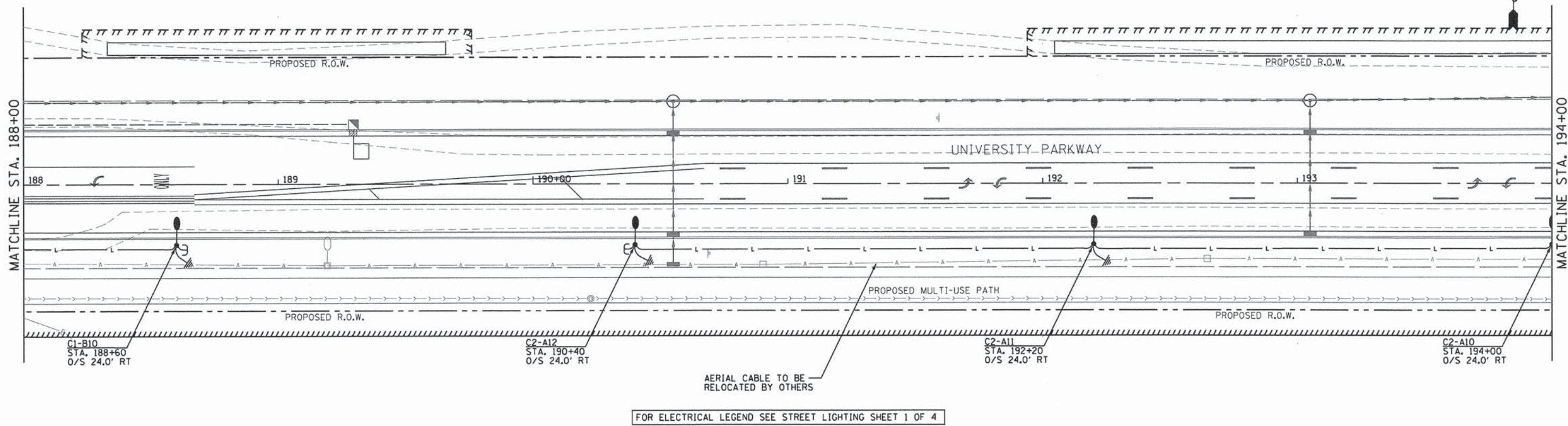
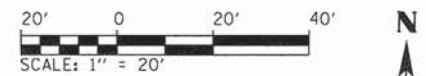
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| USER NAME = Casey Tabin | DESIGNED - CPT | REVISED - |
| FILE NAME: lightup_bnew.dgn | DRAWN - CPT | REVISED - |
| PLOT SCALE = 20,0000' / in. | CHECKED - AB | REVISED - |
| PLOT DATE = 1/29/2015 - 3:31:58 PM | DATE - 1/30/2015 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

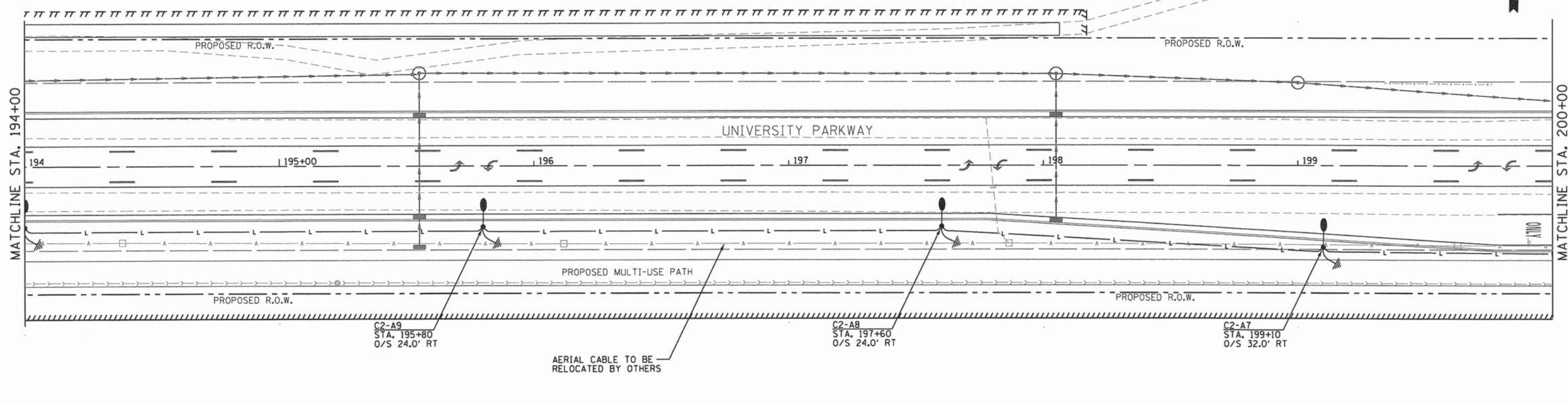
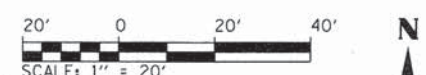
**ROADWAY LIGHTING PLAN
UNIVERSITY PARKWAY**

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



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1/29/2015 - 3:32:35 PM



| | | |
|------------------------------------|------------------|-----------|
| USER NAME = Casey Tobin | DESIGNED - CPT | REVISED - |
| FILE NAME: lightup_9new.dgn | DRAWN - CPT | REVISED - |
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| PLOT DATE = 1/29/2015 - 3:32:35 PM | DATE - 1/30/2015 | REVISED - |

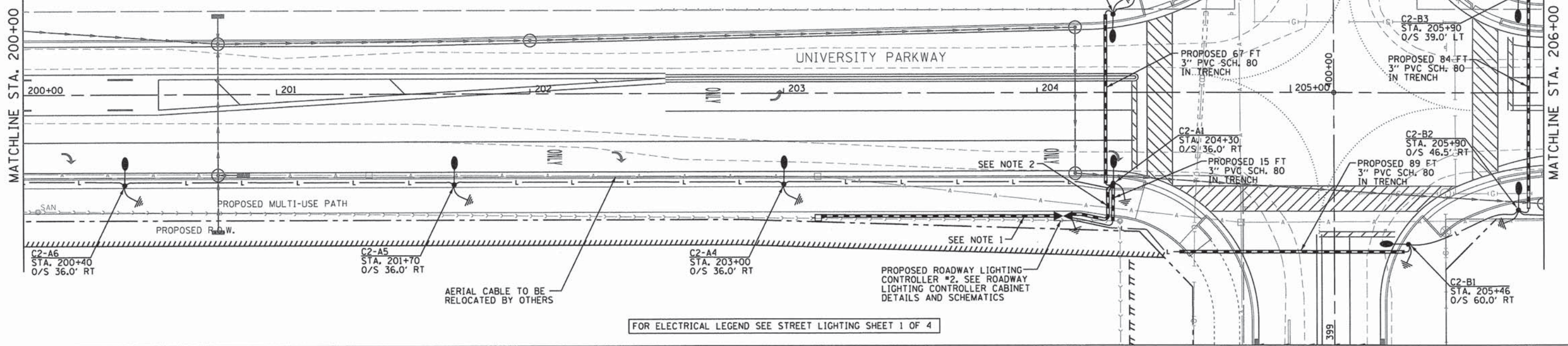
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY LIGHTING PLAN
UNIVERSITY PARKWAY**

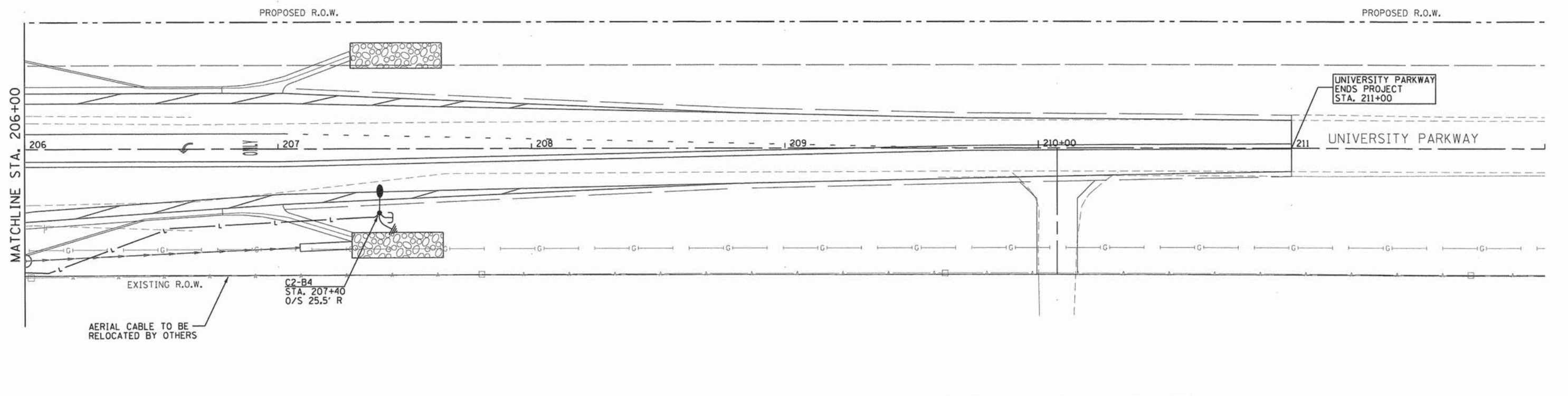
SCALE: 1"=20' SHEET 3 OF 8 SHEETS STA. 188+00 TO STA. 200+00

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



FOR ELECTRICAL LEGEND SEE STREET LIGHTING SHEET 1 OF 4



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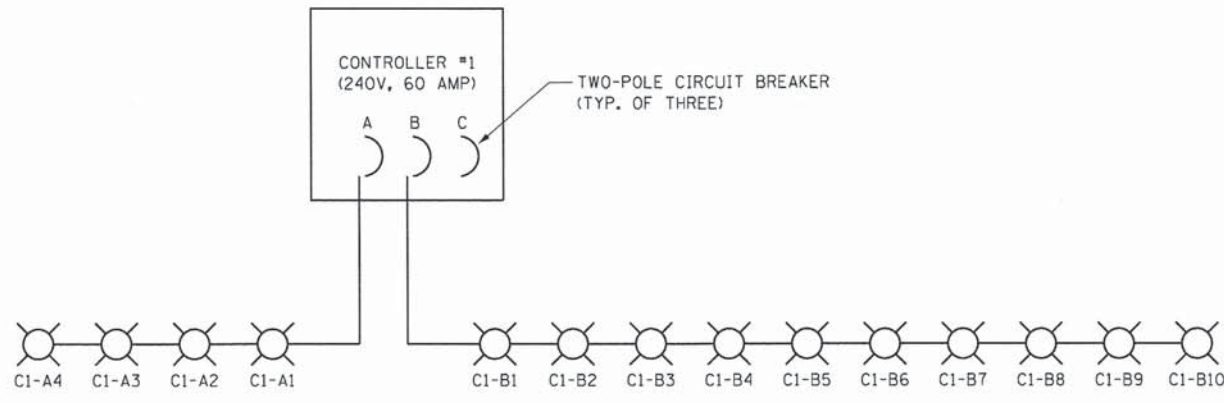
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| PLOT DATE = 1/29/2015 3:35:28 PM | DATE - 1/30/2015 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY LIGHTING PLAN
UNIVERSITY PARKWAY**

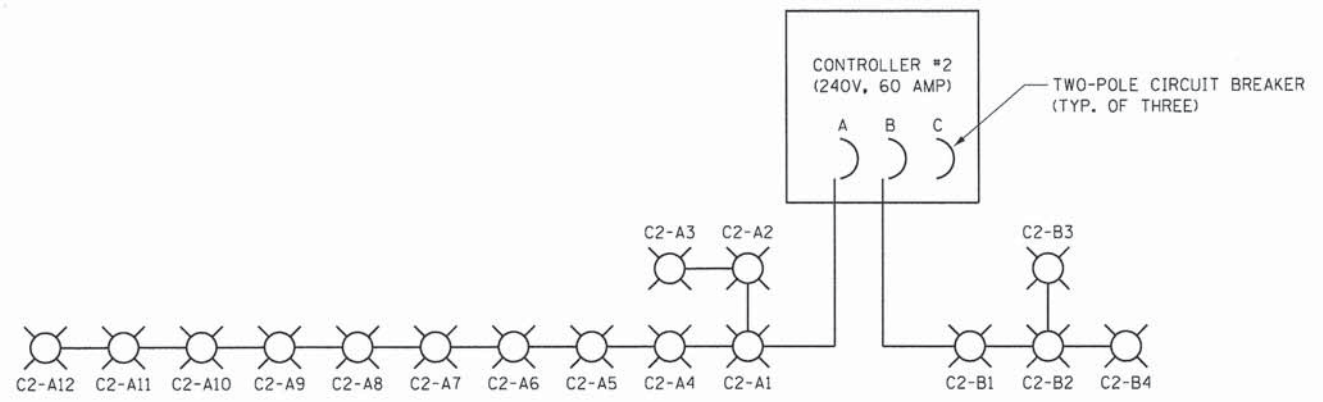
SCALE: 1"=20' SHEET 4 OF 8 SHEETS STA. 200+00 TO STA. 211+00

| 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 |

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1/29/2015 - 3:27:36 PM



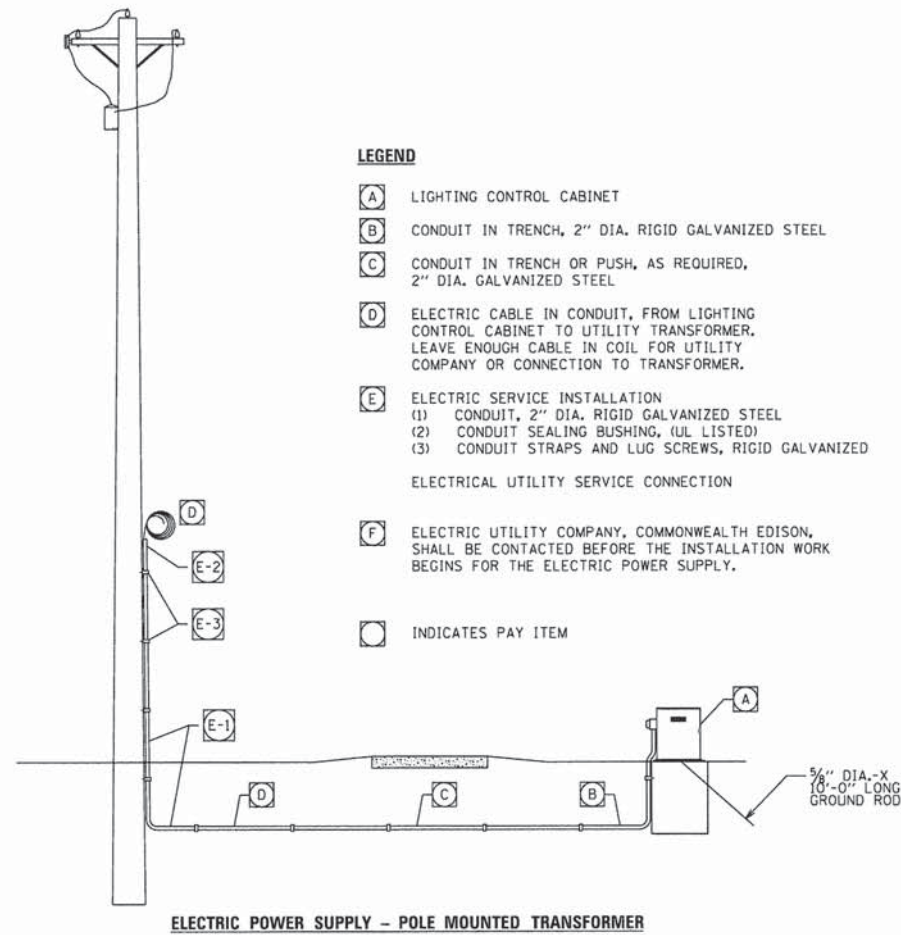
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|------------------------------------|------------------|-----------|
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| PLOT SCALE = 1:0000'' / in. | CHECKED - AB | REVISED - |
| PLOT DATE = 1/29/2015 - 3:27:36 PM | DATE - 1/30/2015 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING DETAILS
UNIVERSITY PARKWAY

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

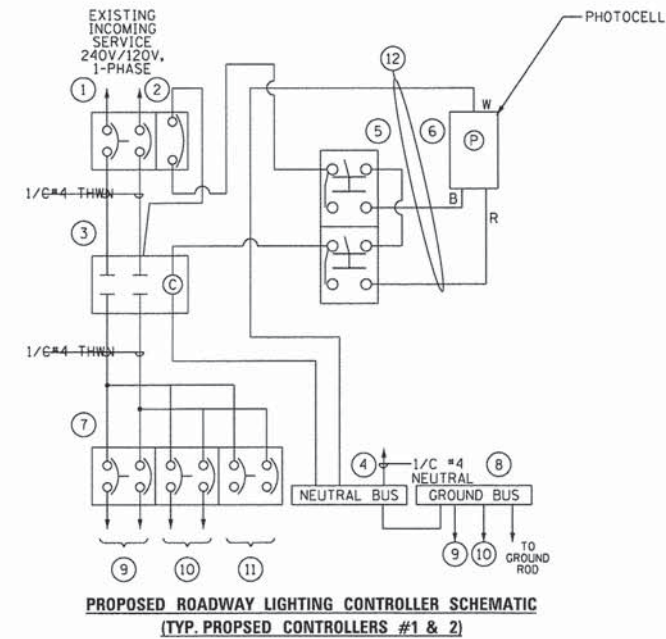
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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 78 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

- A** LIGHTING CONTROL CABINET
- B** CONDUIT IN TRENCH, 2" DIA. RIGID GALVANIZED STEEL
- C** CONDUIT IN TRENCH OR PUSH, AS REQUIRED, 2" DIA. GALVANIZED STEEL
- D** ELECTRIC CABLE IN CONDUIT, FROM LIGHTING CONTROL CABINET TO UTILITY TRANSFORMER. LEAVE ENOUGH CABLE IN COIL FOR UTILITY COMPANY OR CONNECTION TO TRANSFORMER.
- E** ELECTRIC SERVICE INSTALLATION
 (1) CONDUIT, 2" DIA. RIGID GALVANIZED STEEL
 (2) CONDUIT SEALING BUSHING, (UL LISTED)
 (3) CONDUIT STRAPS AND LUG SCREWS, RIGID GALVANIZED
 ELECTRICAL UTILITY SERVICE CONNECTION
- F** ELECTRIC UTILITY COMPANY, COMMONWEALTH EDISON, SHALL BE CONTACTED BEFORE THE INSTALLATION WORK BEGINS FOR THE ELECTRIC POWER SUPPLY.
- INDICATES PAY ITEM

ELECTRIC POWER SUPPLY - POLE MOUNTED TRANSFORMER



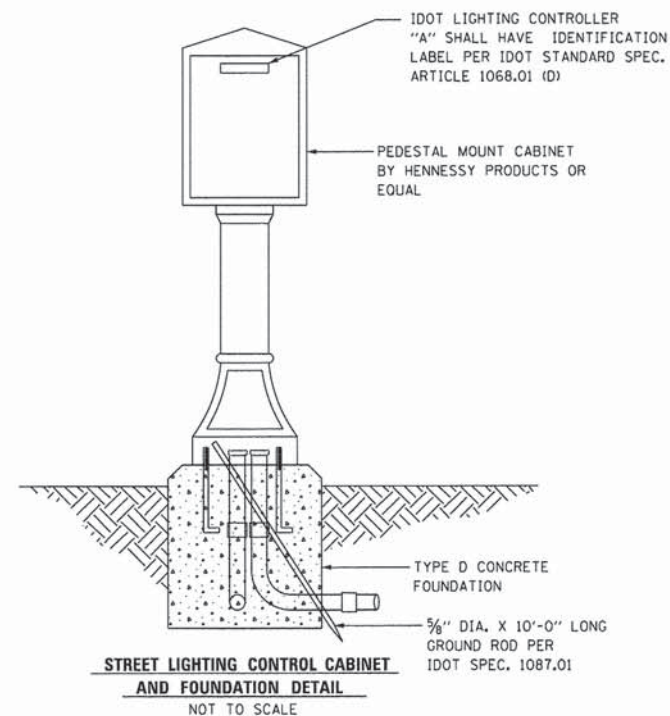
**PROPOSED ROADWAY LIGHTING CONTROLLER SCHEMATIC
(TYP. PROPOSED CONTROLLERS #1 & 2)**

NOMENCLATURE

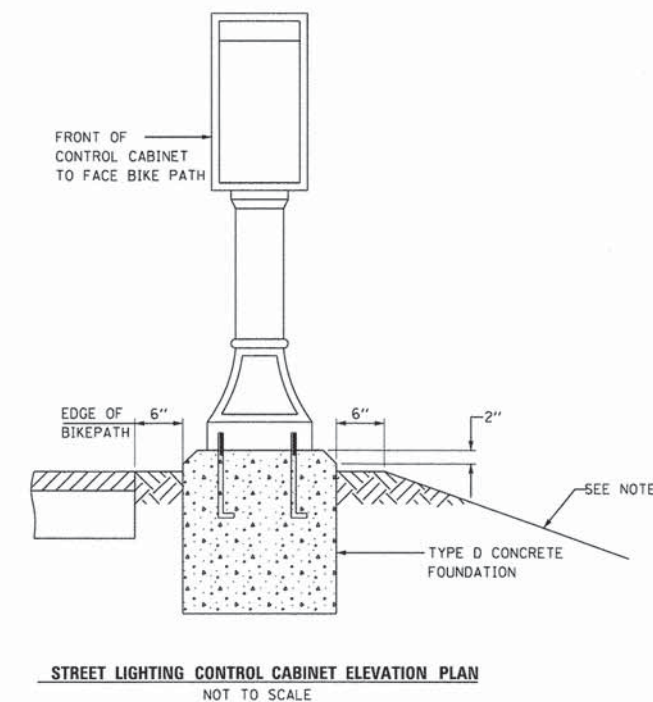
- 1** PROPOSED 2P, 60A MAIN BREAKER. BREAKER SHALL BE SQUARE D MODEL FAL22060 (OR EQUAL)
- 2** PROPOSED 1P, 20A CONTROL BREAKER. BREAKER SHALL BE SQUARE D MODEL FAL12020 (OR EQUAL)
- 3** PROPOSED 2P, 60A LIGHTING CONTACTOR. CONTACTOR SHALL BE SQUARE D MODEL 8903, SPO-1 WITH 120V COIL (OR EQUAL)
- 4** 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.



**STREET LIGHTING CONTROL CABINET AND FOUNDATION DETAIL
NOT TO SCALE**



**STREET LIGHTING CONTROL CABINET ELEVATION PLAN
NOT TO SCALE**

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.

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|----------------------------------|------------------|-----------|
| USER NAME = Casey Tobin | DESIGNED - CPT | REVISED - |
| FILE NAME: elec_detail2.dgn | DRAWN - CPT | REVISED - |
| PLOT SCALE = 1:8000 1/8" = 1' | CHECKED - AB | REVISED - |
| PLOT DATE = 1/29/2015 3:28:16 PM | DATE - 1/30/2015 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

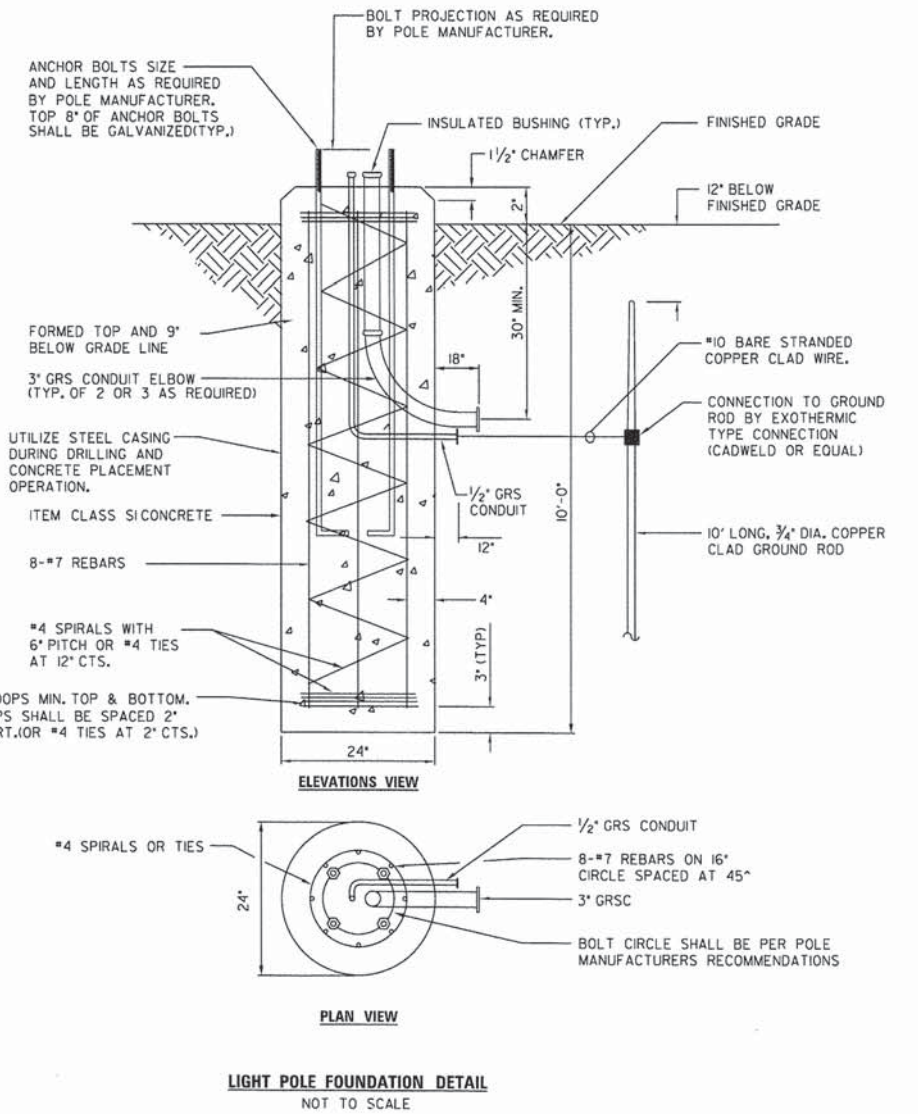
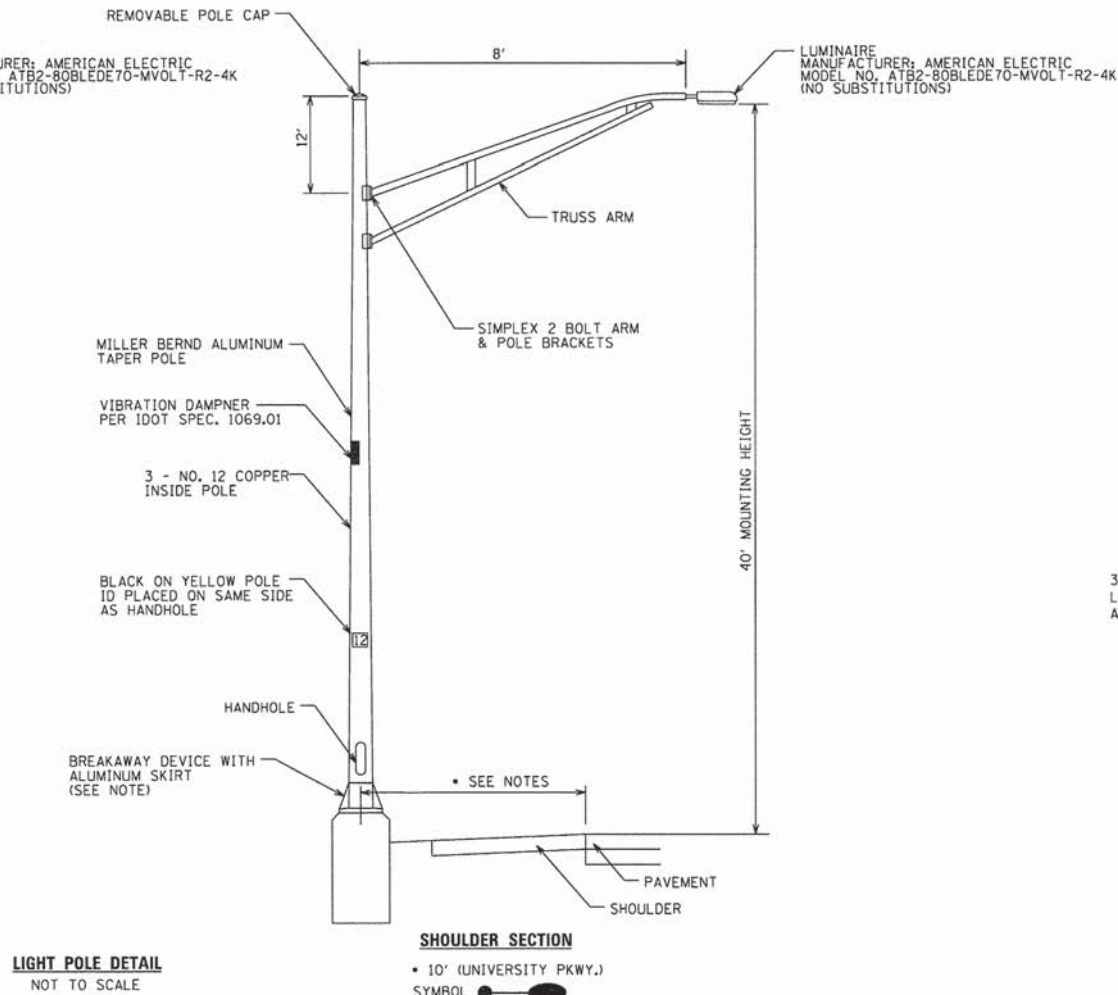
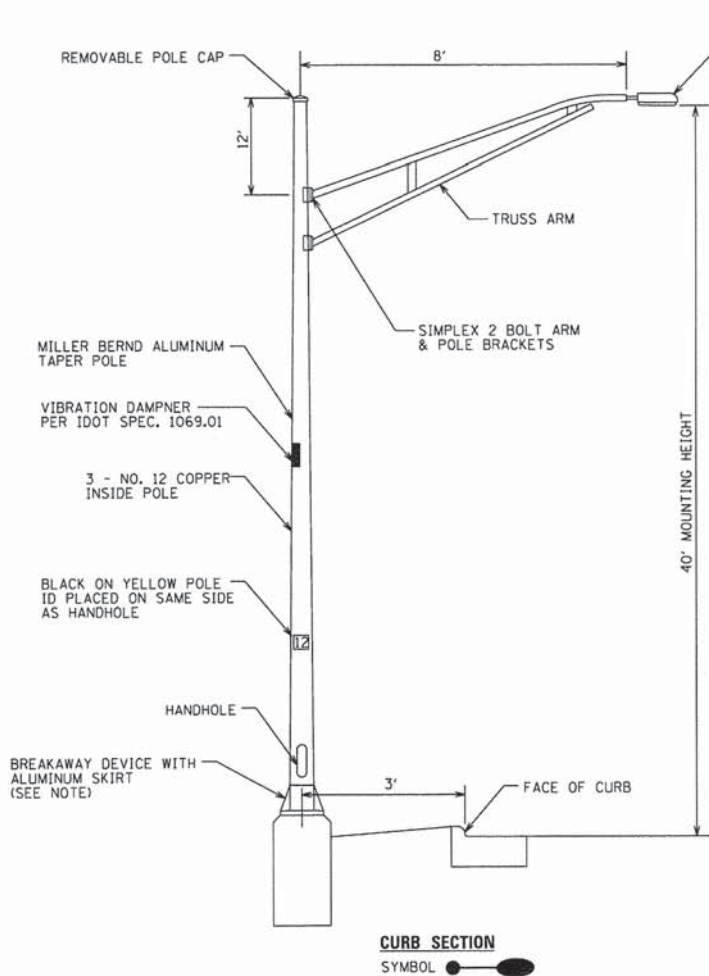
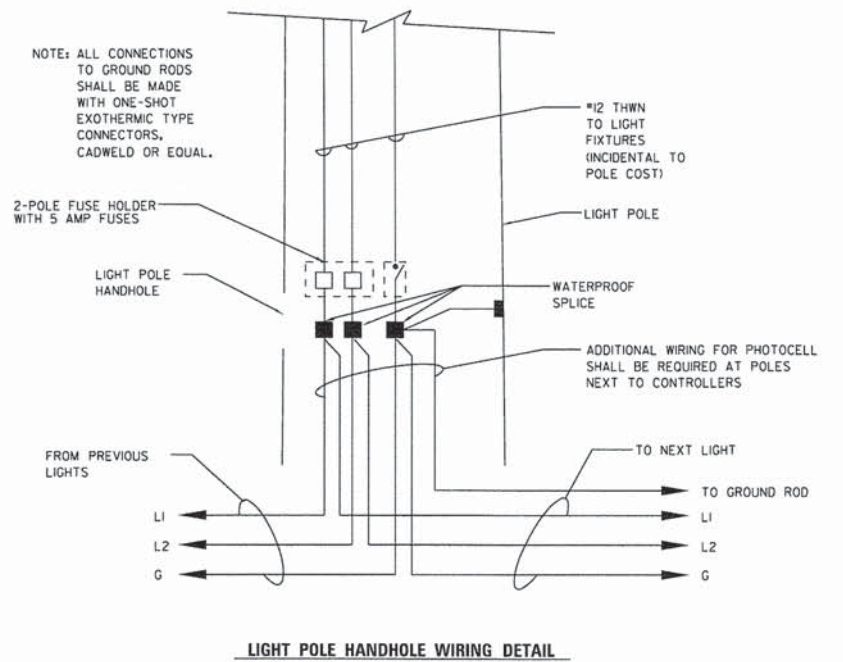
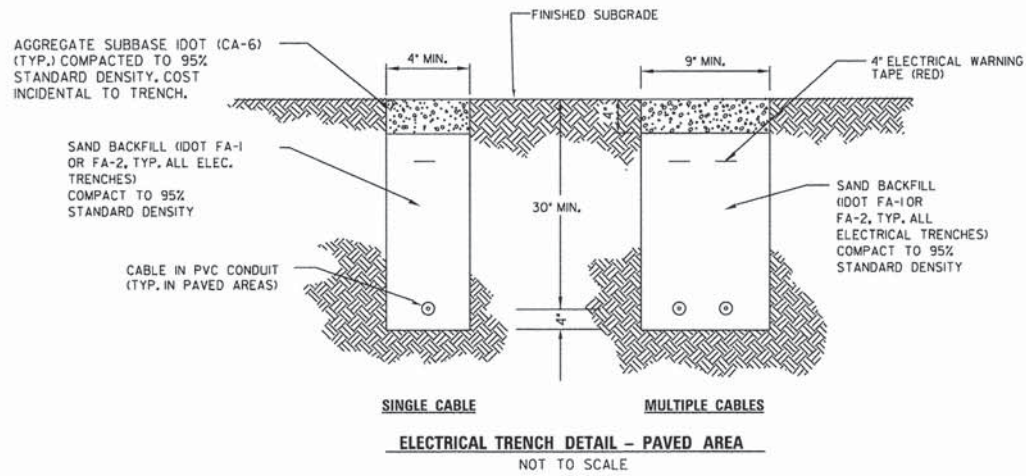
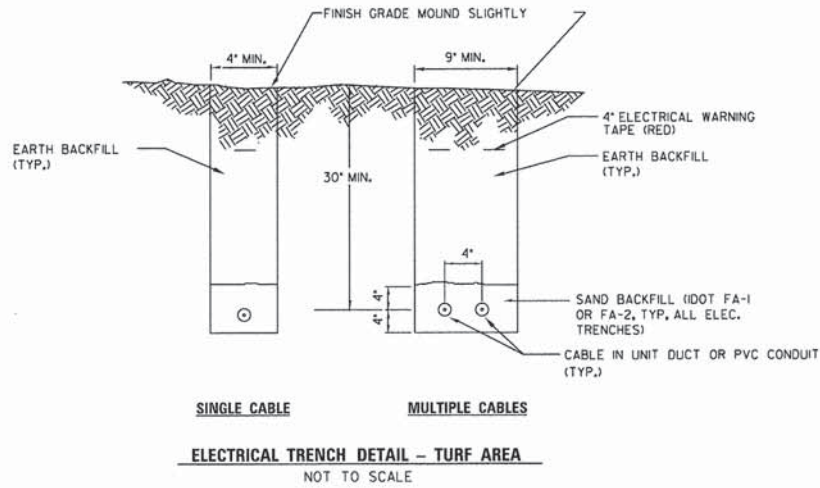
**ROADWAY LIGHTING DETAILS
UNIVERSITY PARKWAY**

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.



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USER NAME = Casey Tobin
FILE NAME = elec_detail3.dgn
PLOT SCALE = 1:8000 1/8" = 1'-0"
PLOT DATE = 1/29/2015 3:29:00 PM

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

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| PLOT SCALE = 1.0000' / 1" = | CHECKED - AB | REVISED - |
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

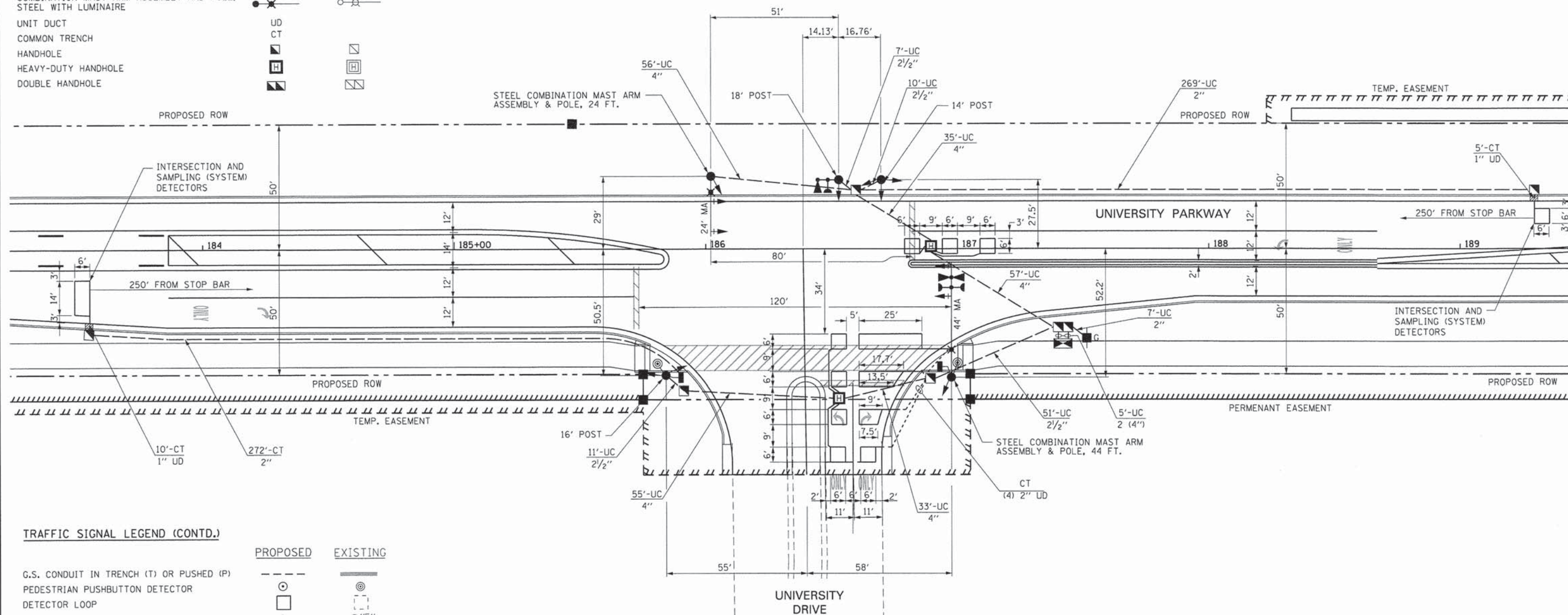
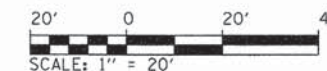
ROADWAY LIGHTING DETAILS
UNIVERSITY PARKWAY

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.

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| | | |
|-----------------------------------|------------------|-----------|
| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN
UNIVERSITY PARKWAY**

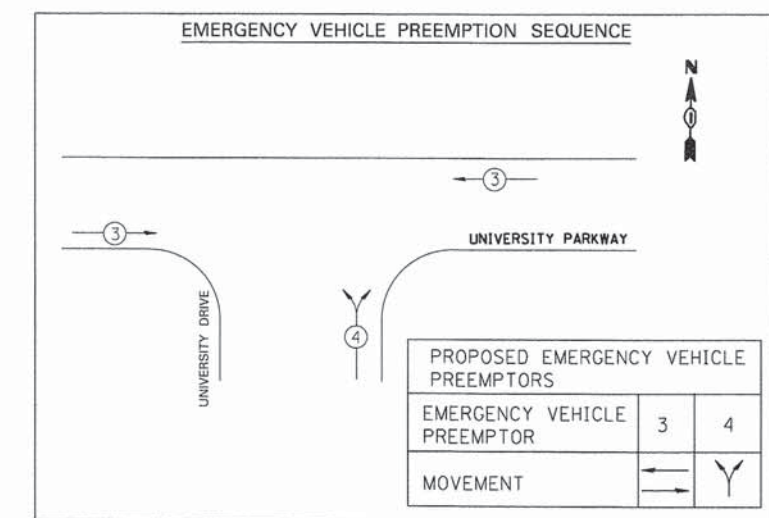
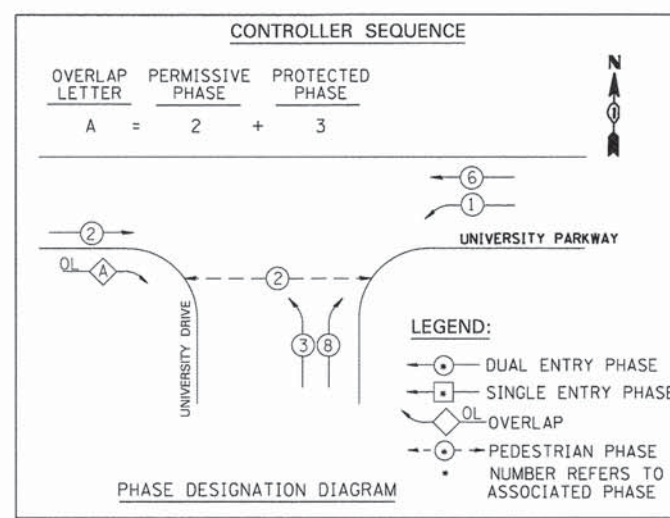
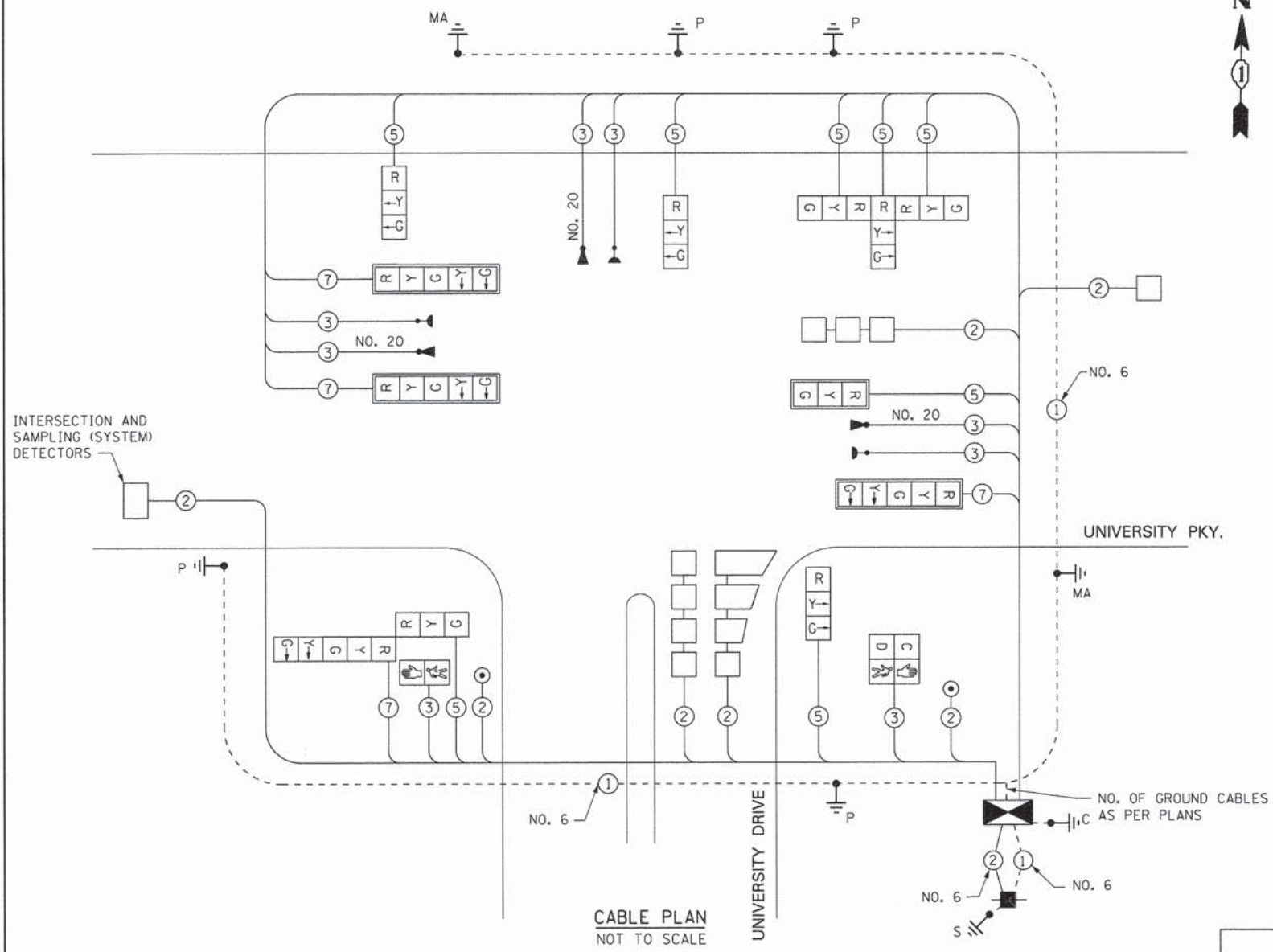
SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. TO STA.

| | | | | |
|---------------------------|---------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-0004-01-PV | WILL | 119 | 82 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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

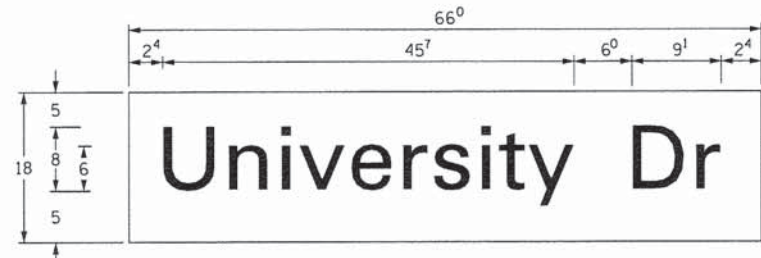


| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|-----------|----------------|-------------|-------------|---------------|
| TYPE | NO. LAMPS | WATTAGE INCAND | WATTAGE LED | % OPERATION | |
| SIGNAL (RED) | 12 | 135 | 17 | 0.50 | 93.5 |
| (YELLOW) | 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

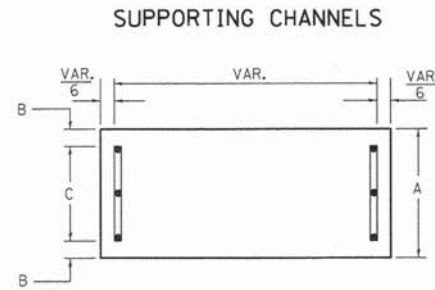
| FOUNDATION (DEPTH) (FT.) (m) | CABLE SLACK (FT.) (m) | CABLE SLACK (FT.) (m) | CABLE SLACK (FT.) (m) | |
|------------------------------|-----------------------|-----------------------|-----------------------|------------|
| TYPE A - POST | 4 (1.2) | 6.5 (2.0) | 3.5 (1.0) | |
| D - CONTROLLER | 4 (1.2) | 13 (4.0) | 20'-H-2" (6m-H-0.6m)= | |
| E - M. ARM POLE | 2 (0.6) | 2 (0.6) | BRACKET MOUNTED | |
| 24" (600mm) | 10 (3.0) | 1 (0.5) | 13 (4.0) | |
| 30" (750mm) | 15 (4.6) | 13 (4.0) | 4 (1.2) | |
| | | CONTROLLER CAB. | 1 (0.5) | |
| | | FIBER OPTIC | 13 (4.0) | |
| | | ELECTRIC SERVICE | 1 (0.5) | |
| | | GROUND CABLE | 1 (0.5) | |
| | | | ELECTRIC SERVICE | 13.5 (4.1) |
| | | | SERVICE TO GROUND | 13.5 (4.1) |
| | | | POST MOUNTED | 6 (1.8) |

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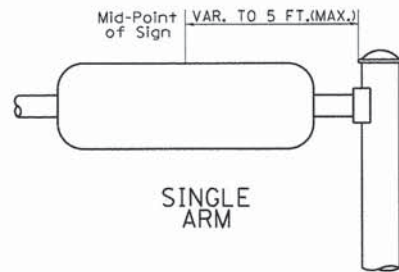


PANEL SIGN DESIGN TYPE 1

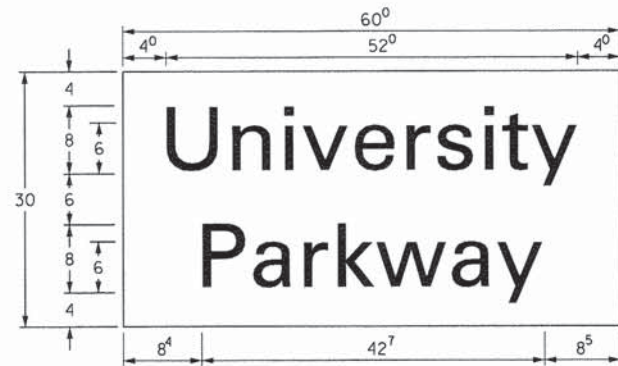
8.25 Sq. Ft. each
2 Required
Design Series C



| | | |
|-----|----|-----|
| A | B | C |
| 18" | 2" | 14" |

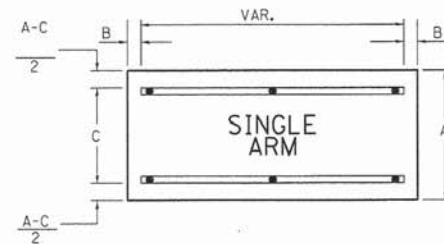


SUPPORTING CHANNELS

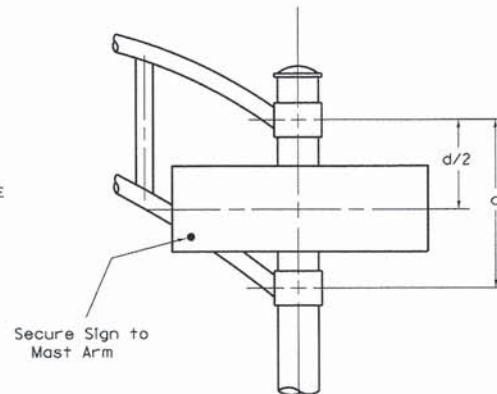


PANEL SIGN DESIGN TYPE 2

12.5 Sq. Ft. each
1 Required
Design Series D



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



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

NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS

GENERAL NOTES

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

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

EXAMPLE, 2³ DENOTES 3/8

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

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

| SERIES | SECOND NUMBER | | | | | | | | | | | | | | | | | | | |
|--------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | |
| | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | 6 INCH LOWER CASE LETTERS | | | |
|---------|---------------------------|-----|--------|-----|---------------------------|-----|--------|---|---------------------------|---|--------|---|
| | SERIES | | SERIES | | SERIES | | SERIES | | SERIES | | SERIES | |
| | C | D | C | D | C | D | C | D | C | D | C | D |
| A | 3 6 | 5 0 | 5 0 | 6 5 | a | 3 5 | 4 2 | | | | | |
| B | 3 2 | 4 0 | 4 3 | 5 3 | b | 3 5 | 4 2 | | | | | |
| C | 3 2 | 4 0 | 4 3 | 5 3 | c | 3 5 | 4 1 | | | | | |
| D | 3 2 | 4 0 | 4 3 | 5 3 | d | 3 5 | 4 2 | | | | | |
| E | 3 0 | 3 5 | 4 0 | 4 7 | e | 3 5 | 4 2 | | | | | |
| F | 3 0 | 3 5 | 4 0 | 4 7 | f | 2 3 | 2 6 | | | | | |
| G | 3 2 | 4 0 | 4 3 | 5 3 | g | 3 5 | 4 2 | | | | | |
| H | 3 2 | 4 0 | 4 3 | 5 3 | h | 3 5 | 4 2 | | | | | |
| I | 0 7 | 0 7 | 1 1 | 1 2 | i | 1 1 | 1 1 | | | | | |
| J | 3 0 | 3 6 | 4 0 | 5 0 | j | 2 0 | 2 2 | | | | | |
| K | 3 2 | 4 1 | 4 3 | 5 4 | k | 3 5 | 4 2 | | | | | |
| L | 3 0 | 3 5 | 4 0 | 4 7 | l | 1 1 | 1 1 | | | | | |
| M | 3 7 | 4 5 | 5 1 | 6 1 | m | 6 0 | 7 0 | | | | | |
| N | 3 2 | 4 0 | 4 3 | 5 3 | n | 3 5 | 4 2 | | | | | |
| O | 3 4 | 4 2 | 4 5 | 5 5 | o | 3 6 | 4 3 | | | | | |
| P | 3 2 | 4 0 | 4 3 | 5 3 | p | 3 5 | 4 2 | | | | | |
| Q | 3 4 | 4 2 | 4 5 | 5 5 | q | 3 5 | 4 2 | | | | | |
| R | 3 2 | 4 0 | 4 3 | 5 3 | r | 2 6 | 3 2 | | | | | |
| S | 3 2 | 4 0 | 4 3 | 5 3 | s | 3 6 | 4 2 | | | | | |
| T | 3 0 | 3 5 | 4 0 | 4 7 | t | 2 7 | 3 2 | | | | | |
| U | 3 2 | 4 0 | 4 3 | 5 3 | u | 3 5 | 4 2 | | | | | |
| V | 3 5 | 4 4 | 4 7 | 6 0 | v | 4 2 | 4 7 | | | | | |
| W | 4 4 | 5 2 | 6 0 | 7 0 | w | 5 5 | 6 4 | | | | | |
| X | 3 4 | 4 0 | 4 5 | 5 3 | x | 4 4 | 5 1 | | | | | |
| Y | 3 6 | 5 0 | 5 0 | 6 6 | y | 4 6 | 5 3 | | | | | |
| Z | 3 2 | 4 0 | 4 3 | 5 3 | z | 3 6 | 4 3 | | | | | |

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

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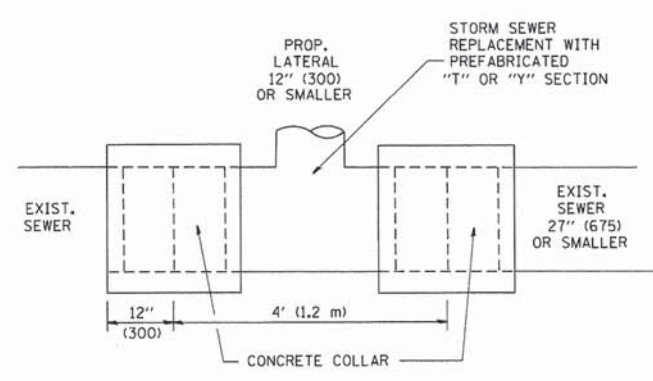
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

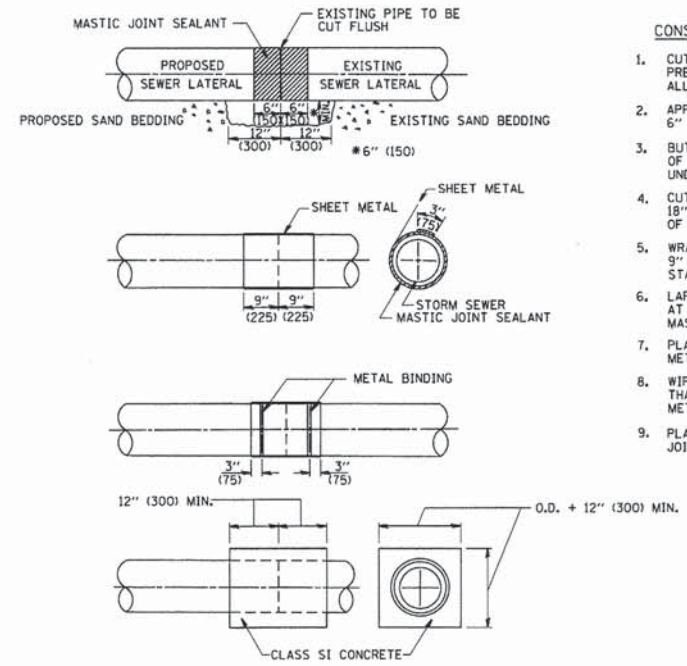
DISTRICT 1
MAST ARM MOUNTED STREET NAME SIGNS

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

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



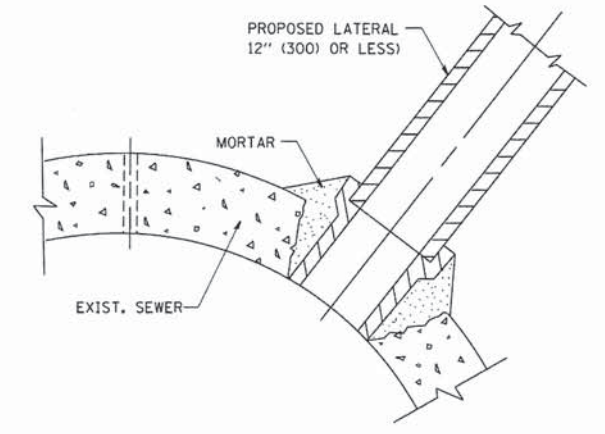
DETAIL "A"
LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

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



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

NOTES

MATERIAL

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

CONSTRUCTION METHODS

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

| | | | | | | | | | | | |
|--------------------------------------|------------------------|-----------------------|-------------------------------|---|---|---|-------------------------|--------|--------------|-----------------|--------------|
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| | | CHECKED - | REVISED - R. SHAH 10-25-94 | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | |
| | | DATE - 07-25-90 | REVISED - R. SHAH 06-12-96 | | | | | | | | |

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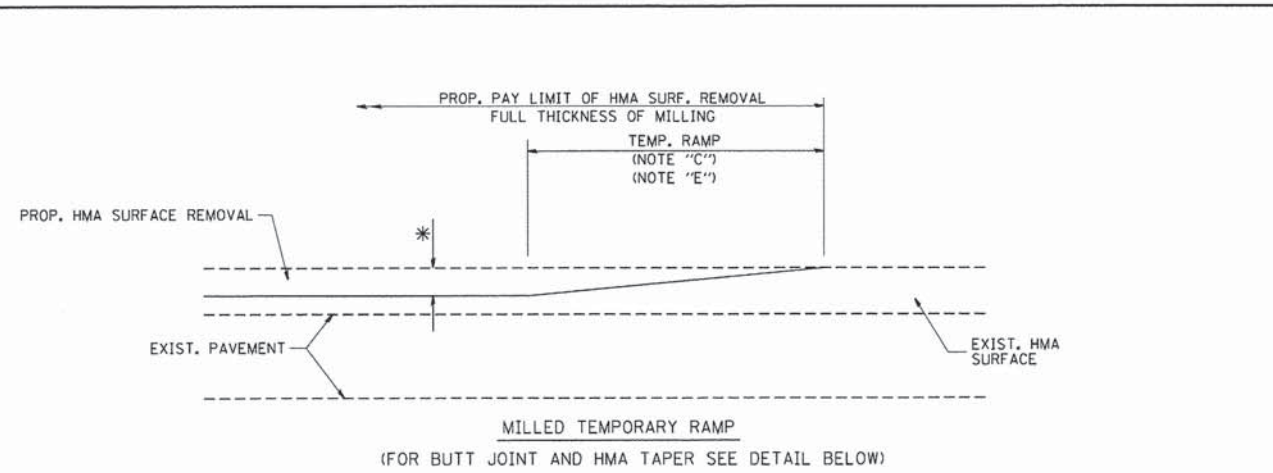
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

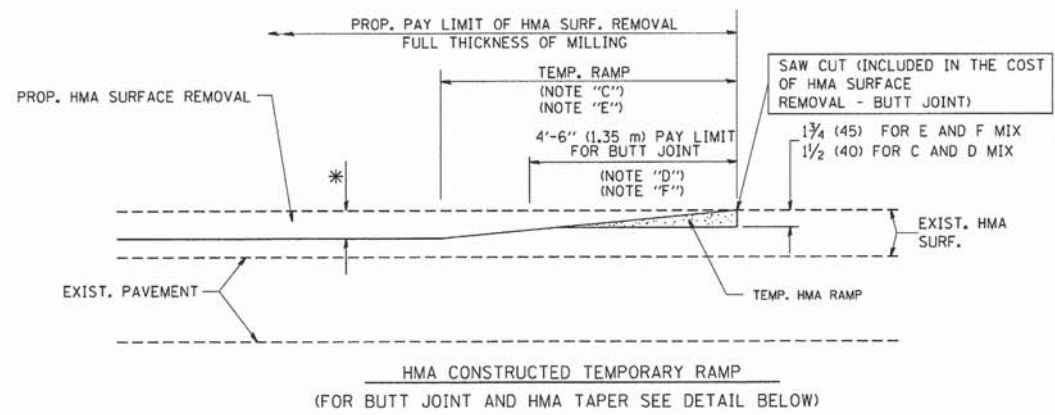
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UNIVERSITY PARKWAY**

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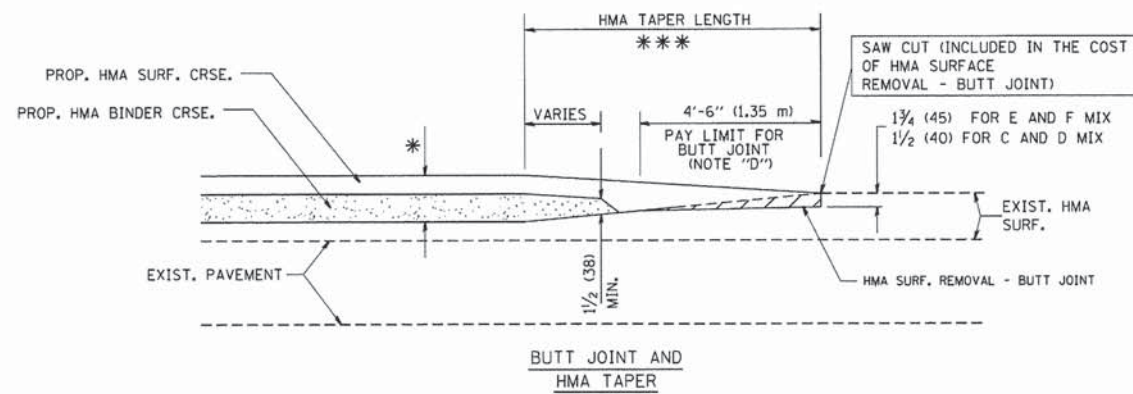
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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 85 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



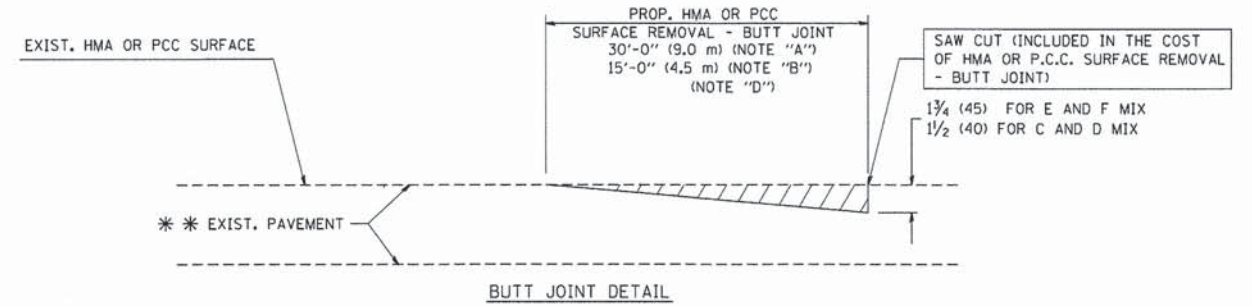
OPTION 1



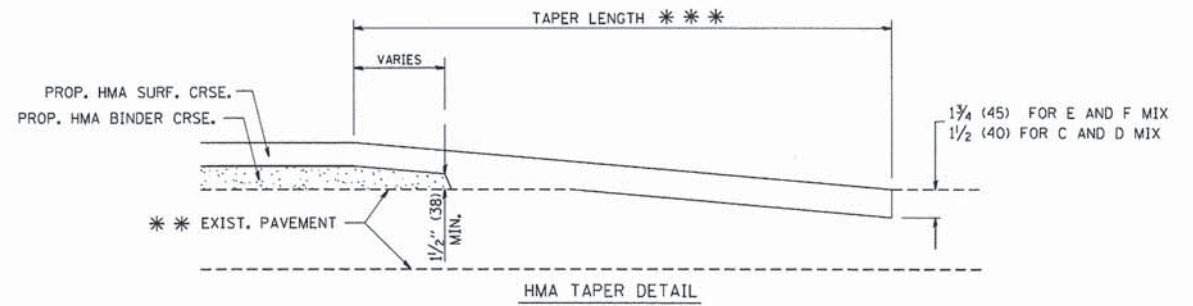
OPTION 2
TYPICAL TEMPORARY RAMP



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 = gnglienobt | DESIGNED - M. DE YONG | REVISED - R. SHAH 10-25-94 |
| | | DRAWN - | REVISED - A. ABBAS 03-21-97 |
| | PLOT SCALE = 60,0000' / 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.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | BD400-05 | BD32 | | | |
| | | | CONTRACT NO. | | | | |
| | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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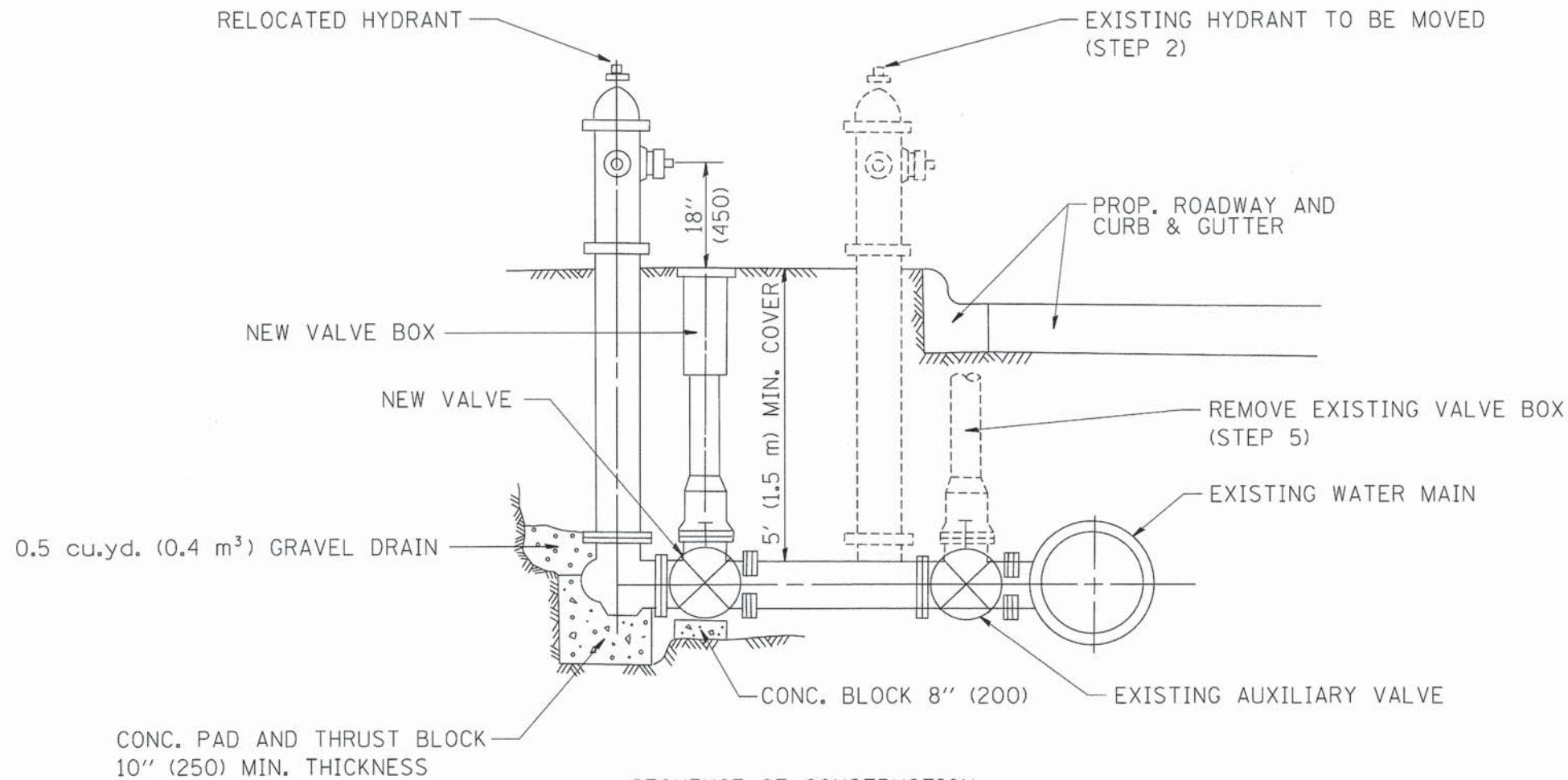


| | | |
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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: IDOT detail 02.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 60,0000' / IN. | CHECKED - KDN | REVISED - |
| PLOT DATE = 1/29/2015 5:07:48 PM | DATE - 1/16/2015 | REVISED - |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY

| | | | | | | | |
|--------|----------------------|--------------|---------------------------|----------------|--------|--------------|-----------|
| SCALE: | SHEET 2 OF 17 SHEETS | STA. TO STA. | F.A.U. 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.

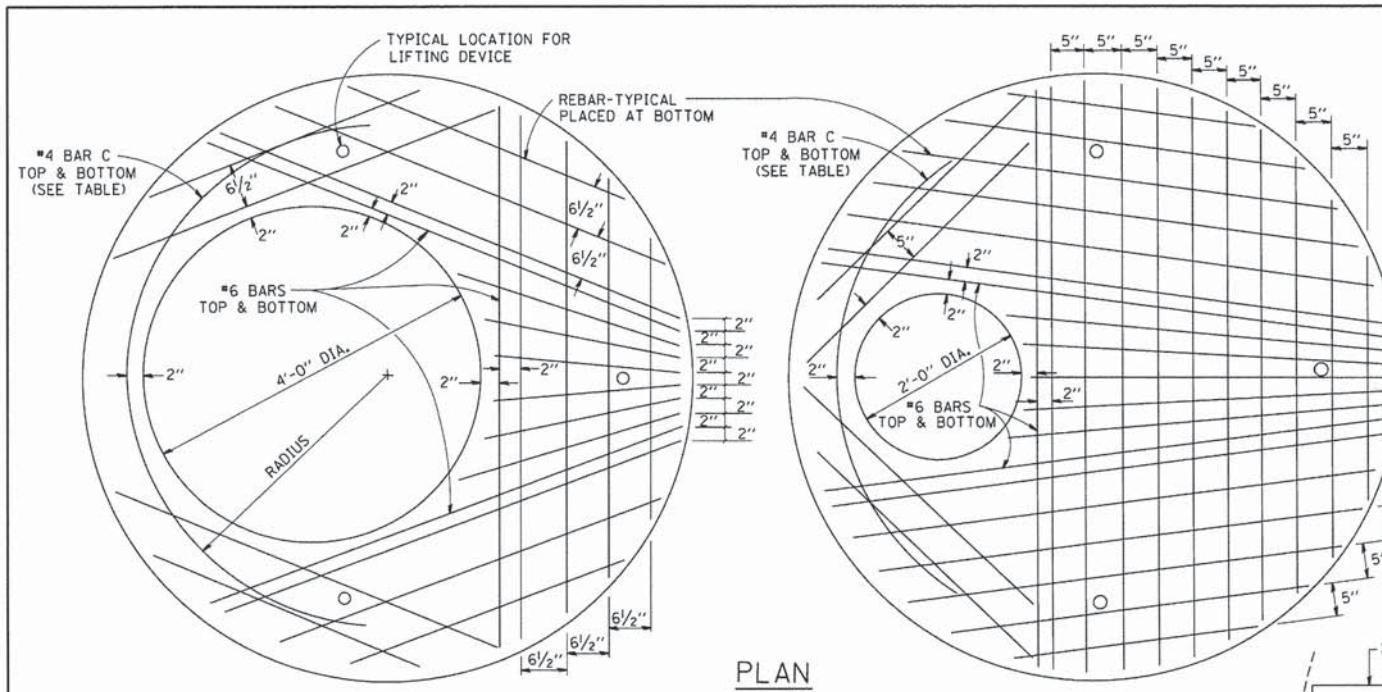
FIRE HYDRANT TO BE MOVED

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

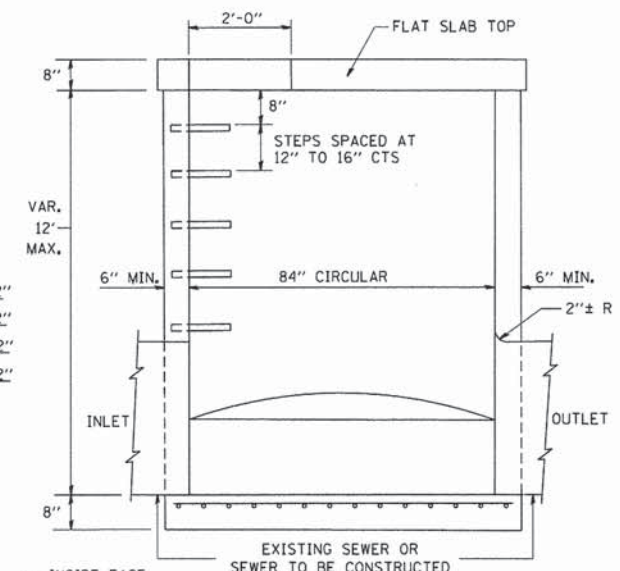
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| FILE NAME = W:\dotstd\22x34\bd36.dgn | USER NAME = gaglianob | DESIGNED - - | REVISED - R, SHAH 09-09-94 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | FIRE HYDRANT TO BE MOVED | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | PLOT SCALE = 50.0000' / IN. | DRAWN - - | REVISED - R, SHAH 10-25-94 | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | BD-36 | CONTRACT NO. | | |
| | PLOT DATE = 1/4/2008 | CHECKED - - | REVISED - - | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | |
| | | DATE - - | REVISED - - | | | | | | | | | |

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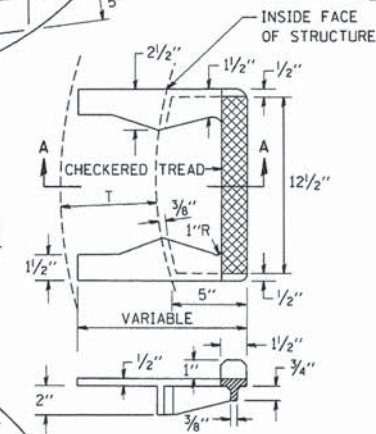
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|---|-------------------------------------|---------------------|----------------|---|---|----------------------|----------------|---------|--------|-----------------|--------------|--------|
| CMT <small>License No. 184-000813 Copyright CMT, Inc.</small> | USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | FILE NAME = IDOT_detail_03.dgn | DRAWN - AS | REVISED - - | | SCALE: | SHEET 3 OF 17 SHEETS | STA. | TO STA. | 1637 | 96-00014-01-PV | WILL | 119 87 |
| | PLOT SCALE = 60.0000' / IN. | CHECKED - KDN | REVISED - - | | CONTRACT NO. 61A75 | | | | | | | |
| | PLOT DATE = 1/30/2015 8:38:04 AM | DATE - 1/16/2015 | REVISED - - | ILLINOIS FED. AID PROJECT | | | | | | | | |



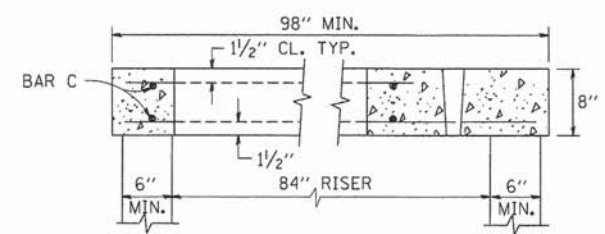
PLAN
SHOWING REBAR REINFORCEMENT



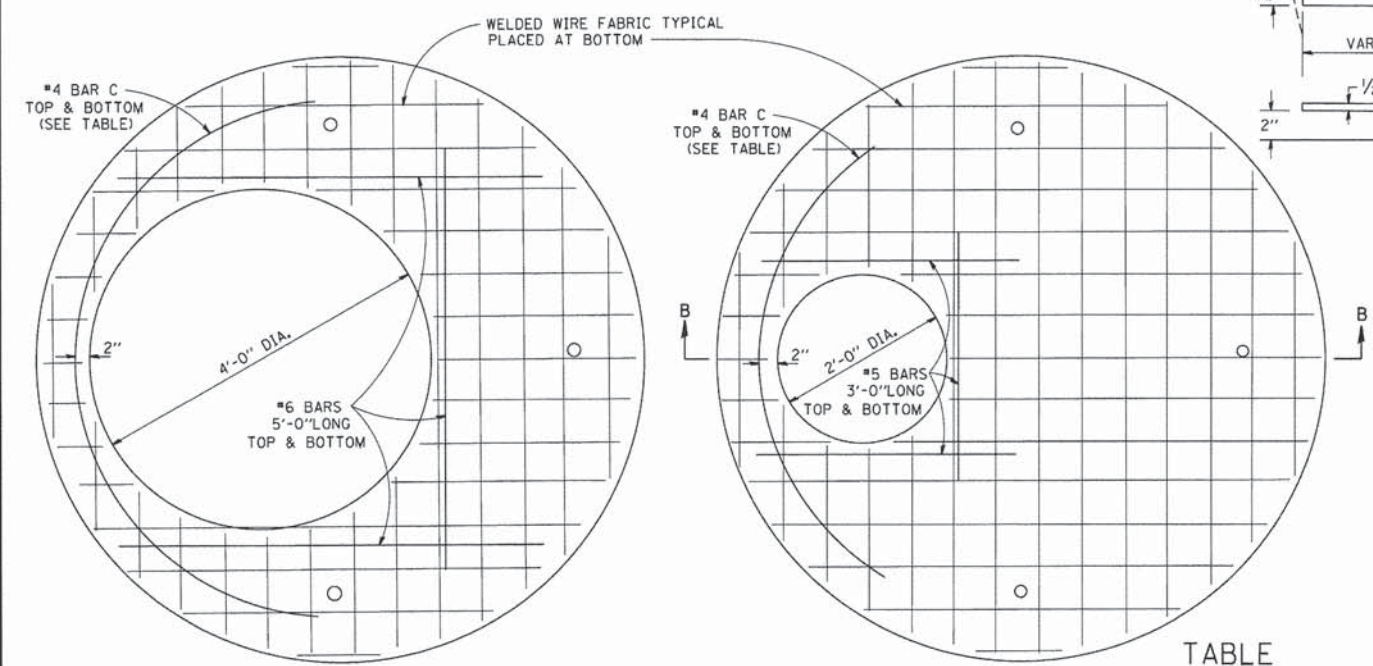
ELEVATION



SEC. A-A
CAST IRON STEPS



SECTION B-B



PLAN
SHOWING WELDED WIRE FABRIC REINFORCEMENT

| DIAMETER OF OPENING | REINFORCEMENT "A" WWF OR EACH DIRECTION | 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.

GENERAL NOTES

ALTERNATE MATERIAL FOR THE WALLS MAY BE CONCRETE MASONRY UNITS, PRECAST REINFORCED CONCRETE SECTIONS OR CAST-IN-PLACE CONCRETE. THE CAST IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN MAY BE USED WHEN APPROVED BY THE ENGINEER.

CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 1006.14 OF THE STANDARD SPECIFICATIONS.

STEPS SHALL BE EMBEDDED INTO THE WALL A MINIMUM OF THREE (3) INCHES. STEPS SHALL NOT BE EXTENDED ON THE OUTSIDE.

STEPS SHALL BE OMITTED FOR WORK IN COOK COUNTY WHEN THE DEPTH OF THE MANHOLE IS TEN (10') OR LESS.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 612.13 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR MANHOLES, TYPE A, 7'-DIAMETER SHALL INCLUDE THE SAND CUSHION WHEN REQUIRED, FURNISHING AND INSTALLING STEPS WHEN REQUIRED, FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL, AND FURNISHING AND INSTALLING FLAT SLAB TOP.

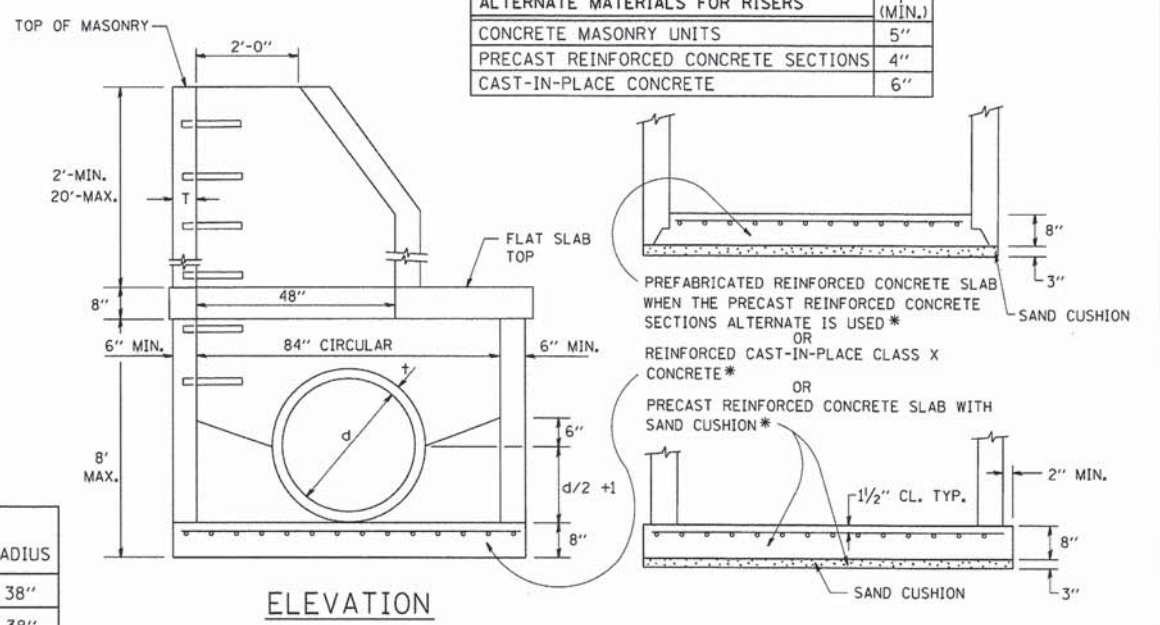
PRECAST FLAT SLAB TOP SHALL CONFORM TO ARTICLES 505.01 THRU 505.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS. REINFORCEMENT BARS AND WELDED WIRE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1006.10. ONLY GRADE 60 REINFORCEMENT BARS WILL BE PERMITTED.

BOTTOM SLAB SHALL BE REINFORCED BY EITHER REINFORCEMENT BARS OR WELDED WIRE FABRIC. THE MINIMUM REINFORCEMENT SHALL BE 0.46 SQUARE INCH PER LINEAR FOOT IN BOTH DIRECTIONS.

JOINT CONFIGURATION AND DIMENSIONS OF FLAT SLAB TOP SHALL MATCH AND FIT THE RISER JOINT DETAIL.

LIFTING DEVICES SHALL BE APPROVED BY THE ENGINEER.

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



ELEVATION

FILE NAME = W:\diststd\22x34\bd37.dgn

USER NAME = goglianobt
DESIGNED -
DRAWN -
PLOT SCALE = 50,0000 ' / IN.
PLOT DATE = 1/4/2008

REVISIONS
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE TYPE A
7 FOOT DIAMETER
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

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

I:\UNIVPARK\14220-01\UnivPkw\EastSec\Draw\CADD_Sheets\IDOT_detail04.dgn 1/30/2015



USER NAME = Kristin Timmons
FILE NAME = IDOT detail 04.dgn
PLOT SCALE = 60,0000 ' / in.
PLOT DATE = 1/30/2015 8:40:09 AM

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT D1 STANDARD DRAWINGS
UNIVERSITY PARKWAY
SCALE: SHEET 4 OF 17 SHEETS STA. TO STA.

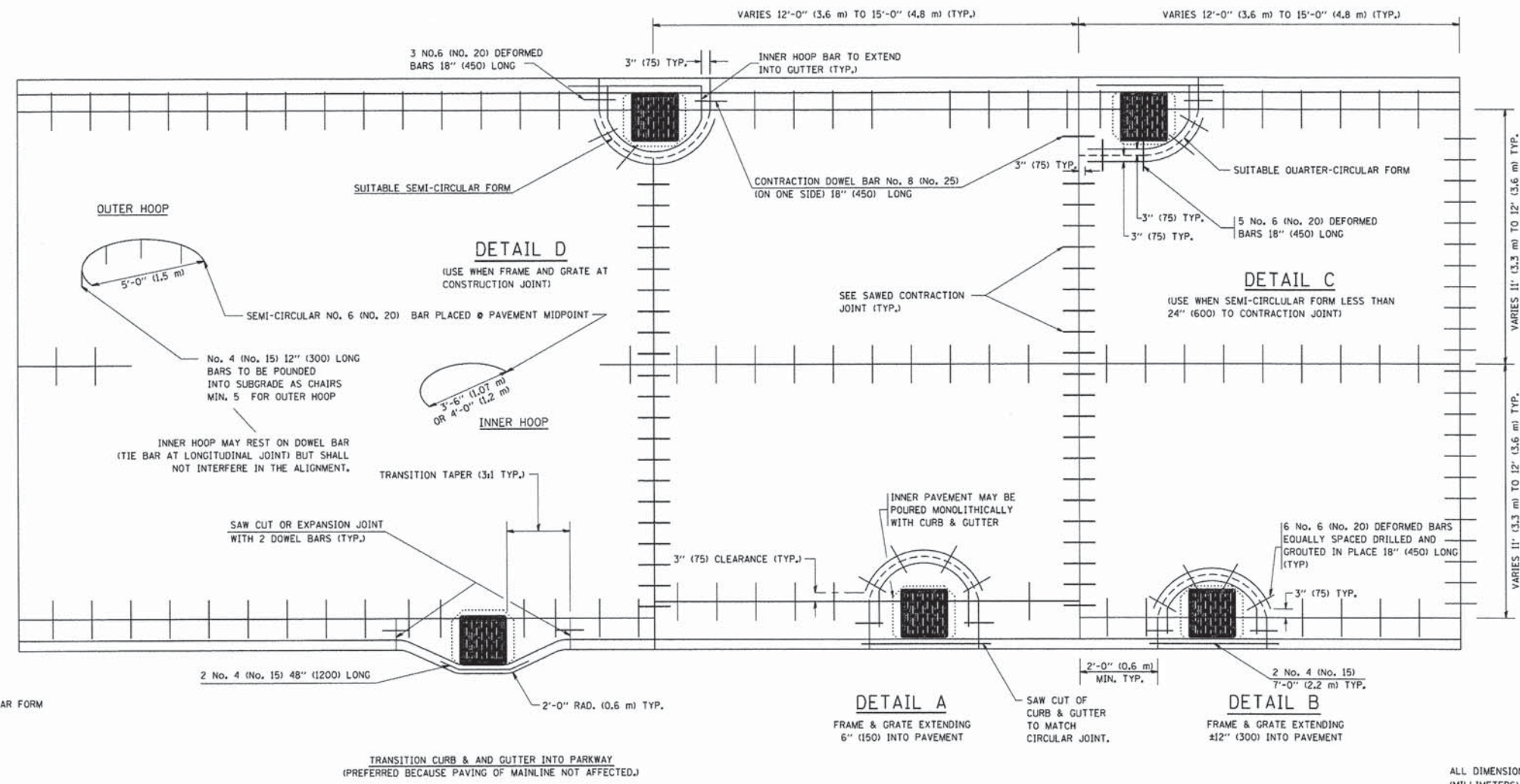
F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
1637 96-00014-01-PV WILL 119 88
CONTRACT NO. 61A75
ILLINOIS FED. AID PROJECT

| 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 FLAG 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

ALL DIMENSIONS ARE IN INCHES
(MILLIMETERS) UNLESS OTHERWISE NOTED

| | | | | | | | | | | | | |
|---|-------------------------------|------------------------|-----------------------------------|---|--|-------------------------|------|--------------|-----------------------|---------------------------|-----------------|--------------|
| FILE NAME = W:\dotstd\22x34\bd4b.dgn | USER NAME = geglienob | DESIGNED - A. ABBAS | REVISED - T. MATOUSEK 08-28-00 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 60.0000 1/16" | CHECKED - A. ABBAS | REVISED - T. MATOUSEK 10-02-00 | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | BD-48 | CONTRACT NO. | | |
| | PLOT DATE = 1/4/2008 | DATE - 01-04-99 | REVISED - T. MATOUSEK 04-25-02 | | | | | | FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT | | |
| | | | REVISED - P. LAFLEUR 08-27-02 | | | | | | | | | |

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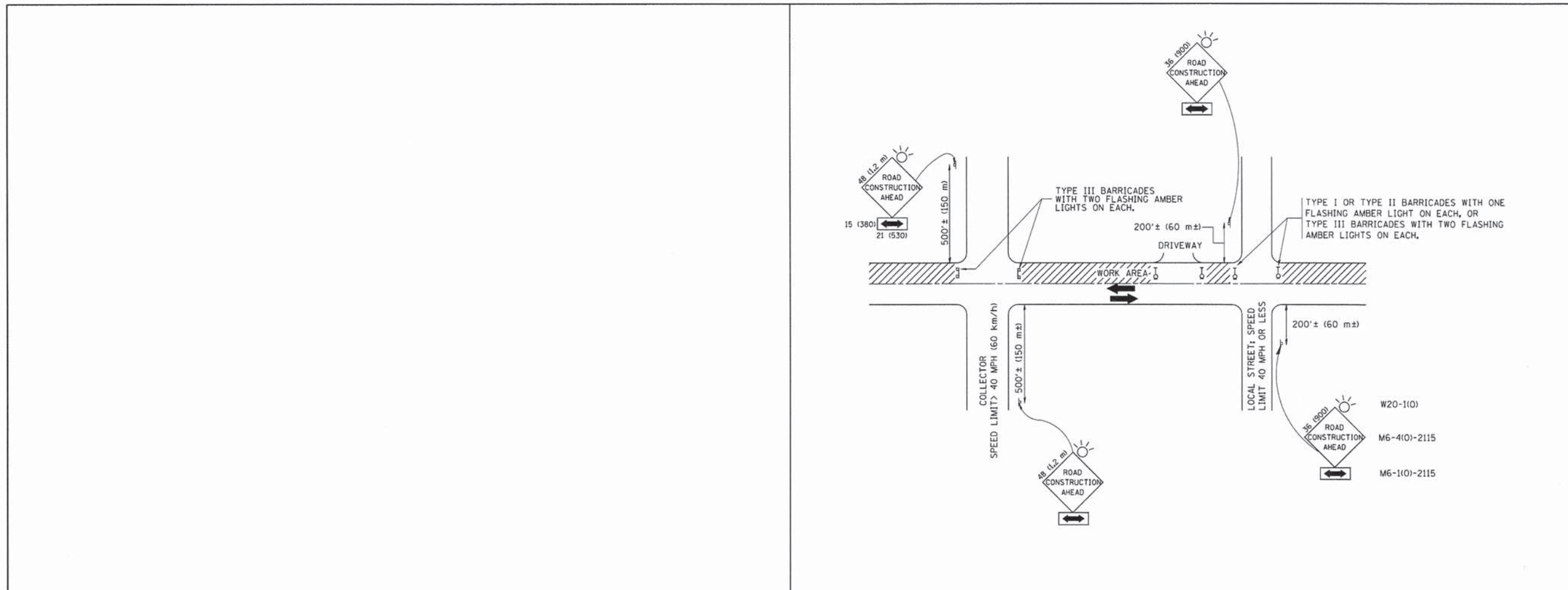
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| FILE NAME: IDOT_detail_05.dgn | DRAWN - AS | REVISED - |
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| PLOT DATE = 1/30/2015 8:44:33 AM | DATE - 1/16/2015 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|---------|--------------|--------------|
| IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY | | | |
| SCALE: | SHEET 5 | OF 17 SHEETS | STA. TO STA. |

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

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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:
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 (12.2 m x 12.2 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:\distatd\22x34\coll.dgn | USER NAME = gegiamobt | DESIGNED - LHA | REVISED - J. OBERLE 10-18-95 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 50.0000' / 1" | CHECKED - | REVISOR - A. HOUSEH 03-06-96 | REVISOR - A. HOUSEH 10-15-96 | | SCALE: NONE | SHEET NO. 1 | OF 1 | SHEETS | STA. | TO STA. | TC-10 | |
| PLOT DATE = 1/4/2008 | DATE - 06-89 | REVISOR - T. RAMMACHER 01-06-00 | | | CONTRACT NO. | | | | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | | | | | | |

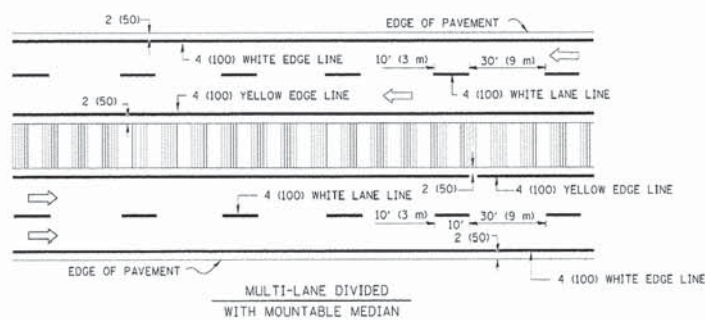
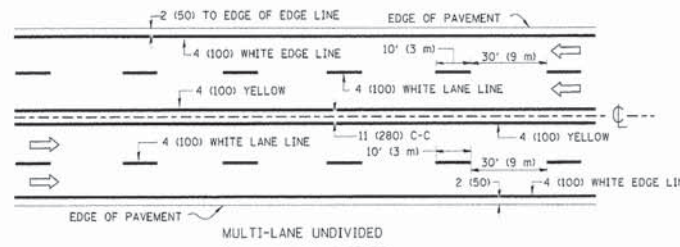
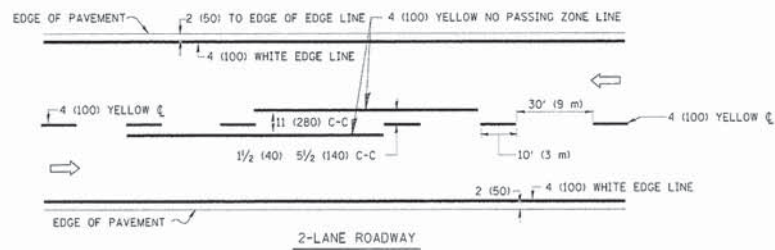


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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISED - |
| FILE NAME: IDOT_detail06.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 60.0000' / 1" | CHECKED - KDN | REVISED - |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

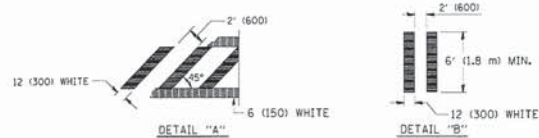
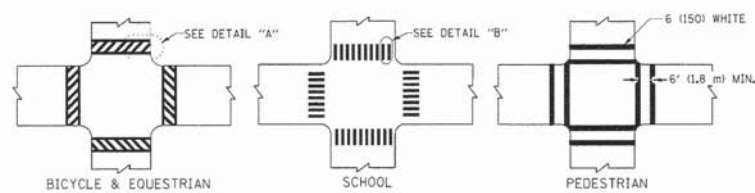
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|---|---------|-------|--------|
| IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY | | | |
| SCALE: | SHEET 6 | OF 17 | SHEETS |
| STA. | TO STA. | | |

| | | | | |
|---------------------------|----------------|--------|-----------------|--------------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 90 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

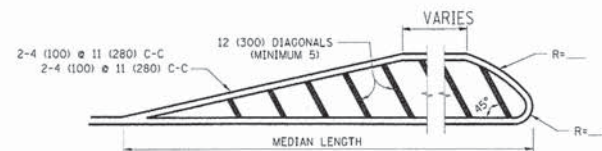
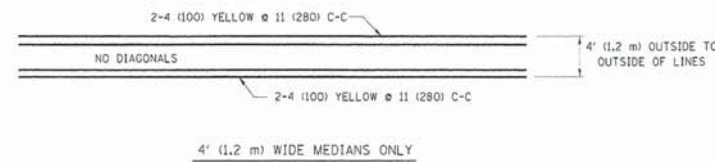


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



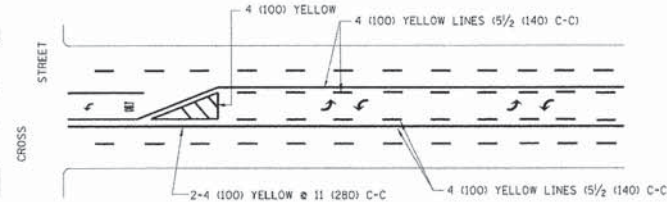
TYPICAL CROSSWALK MARKING



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

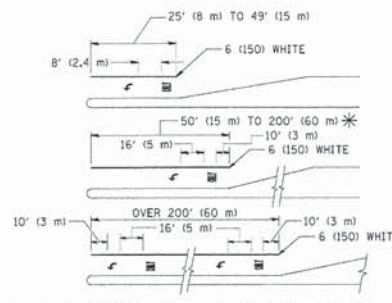


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

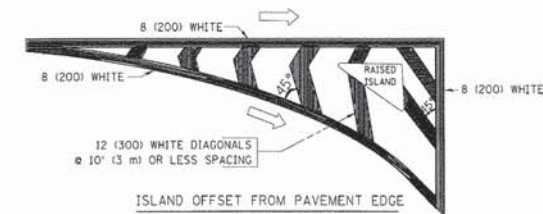


FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

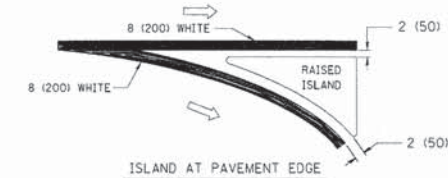
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

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

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

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

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|------------------------------|-----------------------|------------------|---------------------------------|
| FILE NAME = | USER NAME = ariveksgn | DESIGNED - EVERS | REVISED - T. RAMMACHER 10-27-94 |
| FILE NAME = | USER NAME = ariveksgn | DRAWN - | REVISED - C. JUCIUS 09-09-09 |
| PLOT SCALE = 60,0000 ' / IN. | CHECKED - | DATE - 03-19-90 | REVISED - |
| PLOT DATE = 9/9/2009 | | | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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1/30/2015



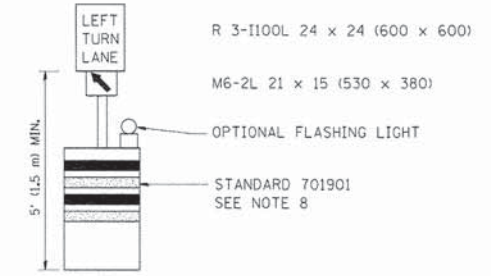
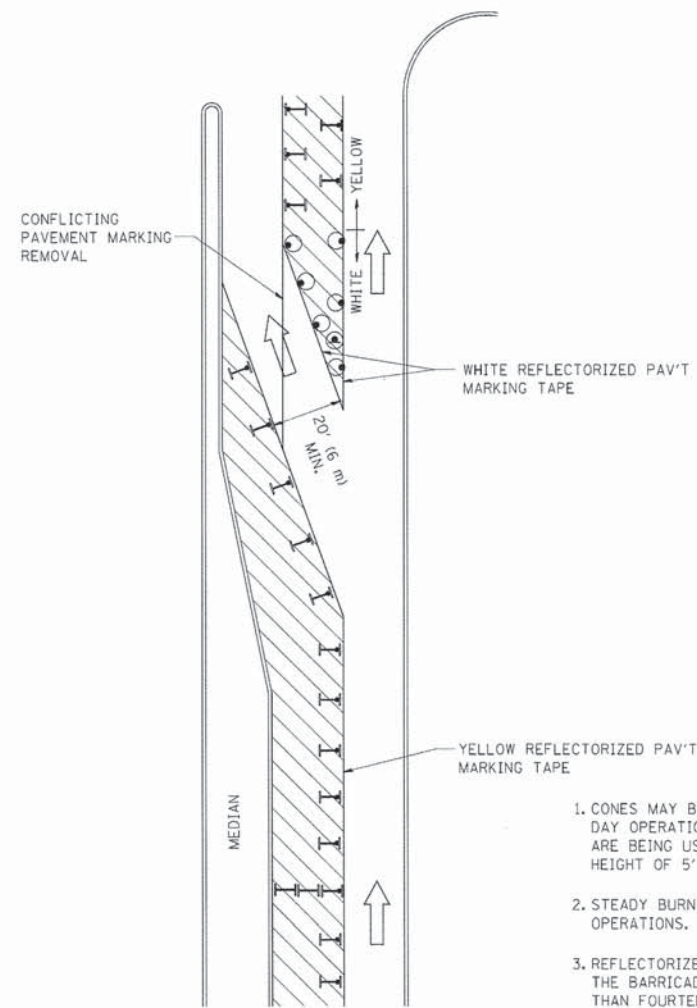
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| FILE NAME: IDOT detail 08.dgn | DRAWN - AS | REVISED - |
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| PLOT DATE = 1/30/2015 8:50:08 AM | DATE - 1/16/2015 | REVISED - |

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 | | | | |

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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 REQUIREMENTS.
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 = drivasosgn | REVISED - T. RAMMACHER 09-08-94 | REVISED - R. BORO 09-14-09 |
| ca:\work\ark\4220-01\UnivPkwyEast\Sec\Draw\CA000_Sheets\DOT_detail09.dgn | | REVISED - A. HOUSEH 11-07-95 | REVISED - |
| PLOT SCALE = 68.0000' / 1" 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 | | | | |



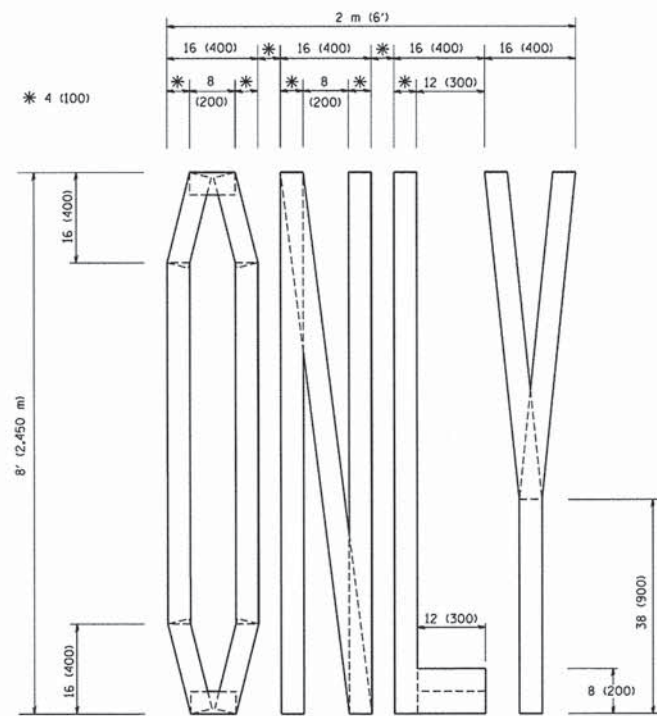
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|----------------------------------|------------------|-----------|
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| FILE NAME: IDOT_detail09.dgn | DRAWN - AS | REVISED - |
| PLOT SCALE = 68.0000' / 1" IN. | CHECKED - KDN | REVISED - |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

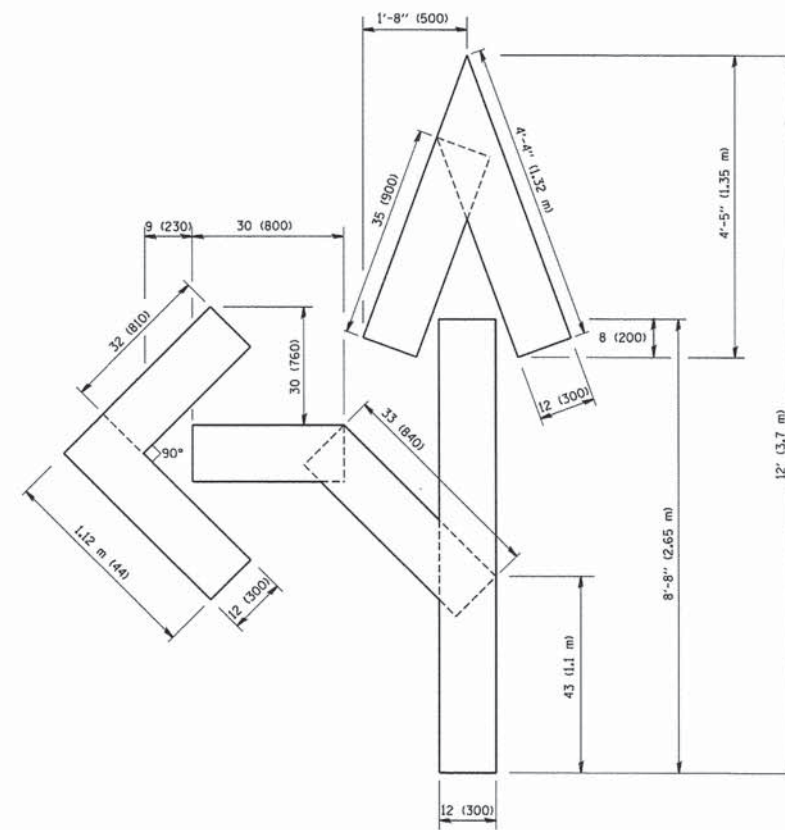
**IDOT D1 STANDARD DRAWINGS
UNIVERSITY PARKWAY**

SCALE: SHEET 8 OF 17 SHEETS STA. TO STA.

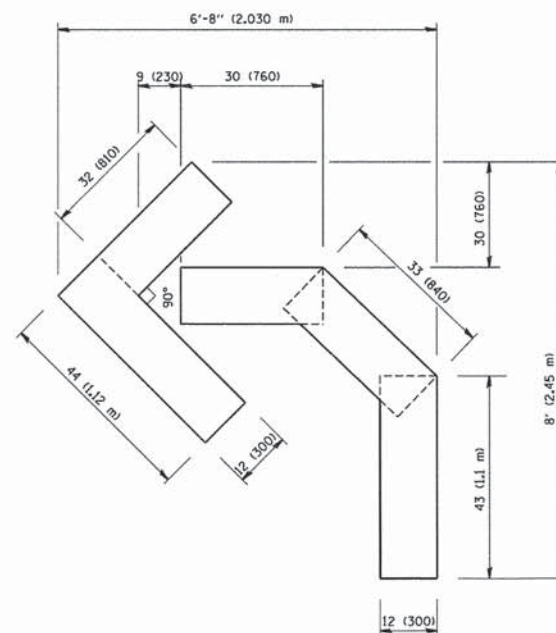
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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 92 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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.

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|---|--------------------------|------------------------------------|--------------------------------|-------------------------------------|------------------------------------|---|---|---------|-------|----------------|--------------|--------|-----------------|--------------|
| FILE NAME = W:\dststd\22x34\col6.dgn | USER NAME = gaglianob | DESIGNED - DRAWN - | REVISOR - REVISOR - | DESIGNED - T. RAMMACHER 06-05-96 | REVISOR - T. RAMMACHER 11-04-97 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 60,0000 ' / IN. | CHECKED - | REVISOR - T. RAMMACHER 03-02-98 | REVISOR - E. GOMEZ 08-28-00 | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | | STA. | TO STA. | TC-16 | | CONTRACT NO. | | | |
| PLOT DATE = 1/4/2008 | DATE = 09-18-94 | | | | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | |

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1/30/2015



| | | |
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| USER NAME = Kristin Timmons | DESIGNED - AS | REVISOR - |
| FILE NAME = IDOT_detail18.dgn | DRAWN - AS | REVISOR - |
| PLOT SCALE = 60,0000 ' / IN. | CHECKED - KDN | REVISOR - |
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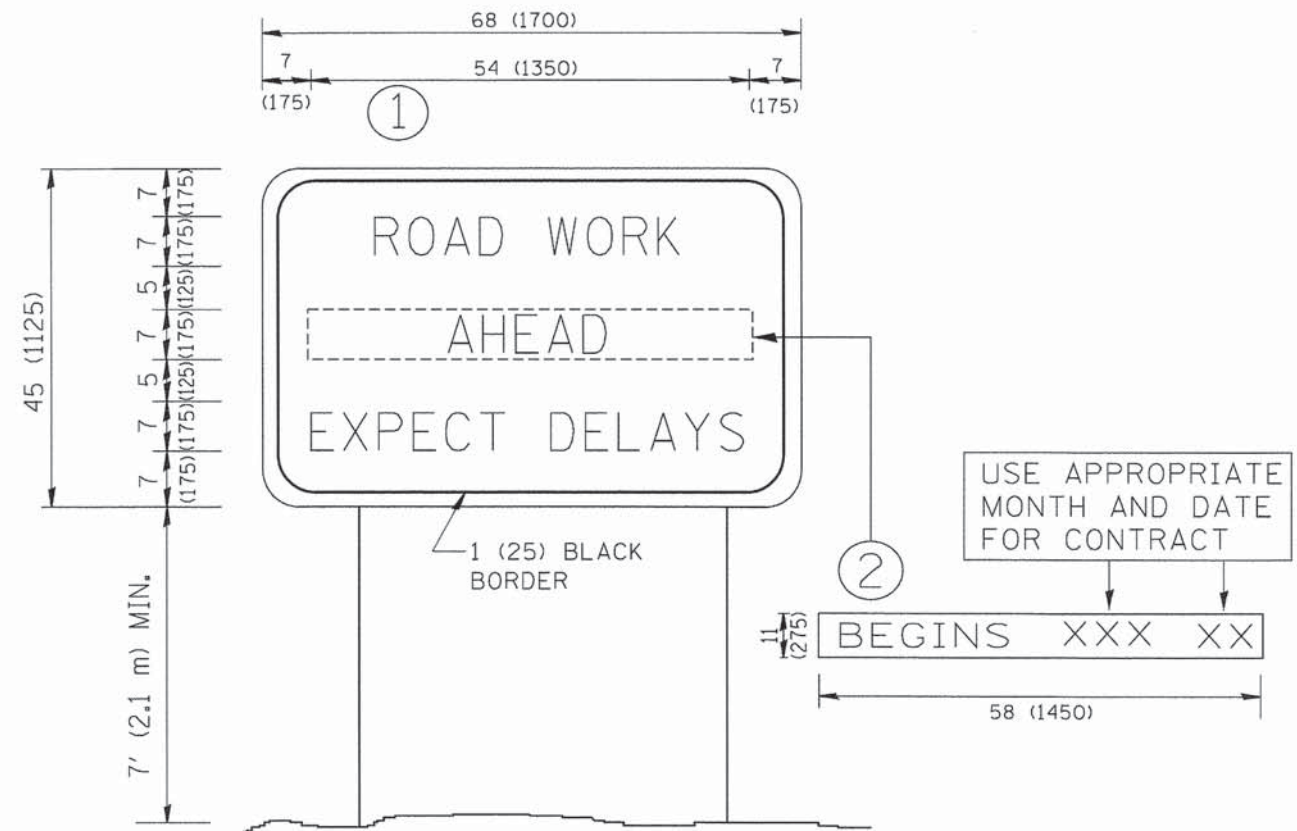
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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 | | | | |

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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.

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|---|---------------------------|-----------------------|---------------------------------|
| FILE NAME = W:\dotstd\22\34\ca22.dgn | USER NAME = goglianobt | DESIGNED - DRAWN - | REVISED - REVISED - |
| | | DESIGNED - AS | REVISED - R, MIRS 09-15-97 |
| | | DRAWN - AS | REVISED - R, MIRS 12-11-97 |
| | | CHECKED - KDN | REVISED - T, RAMMACHER 02-02-99 |
| | | DATE - 1/16/2015 | REVISED - C, JUCIUS 01-31-07 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
INFORMATION SIGN

| | | | | |
|---|----------------|--------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 94 |
| TC-22 | | CONTRACT NO. | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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



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| USER NAME = FILE NAME = PLOT SCALE = PLOT DATE = | DESIGNED - DRAWN - CHECKED - DATE - | REVISED - REVISED - REVISED - REVISED - |
| Kristin Timmons IDOT detail 11.dgn 60,0000 ' / in. 1/30/2015 9:02:00 AM | AS AS KDN 1/16/2015 | - - - - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT D1 STANDARD DRAWINGS
UNIVERSITY PARKWAY

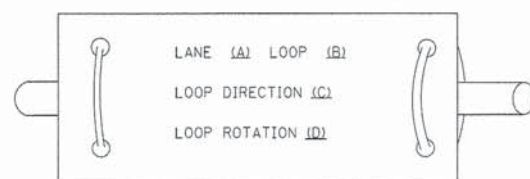
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|---------------------------|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 94 |
| | | CONTRACT NO. 61A75 | | |
| ILLINOIS FED. AID PROJECT | | | | |

SCALE: SHEET 10 OF 17 SHEETS STA. TO STA.

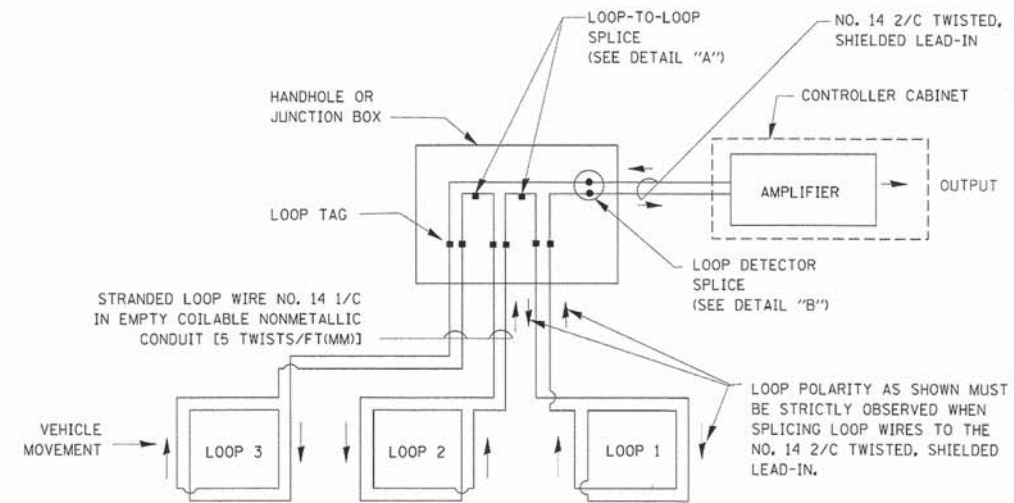
LOOP DETECTOR NOTES

- 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

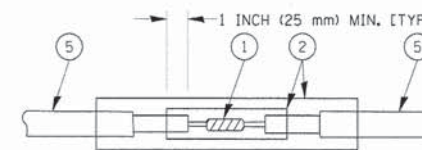


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

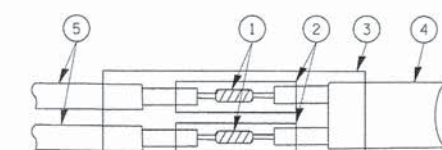


DETECTOR LOOP WIRING SCHEMATIC

- 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.

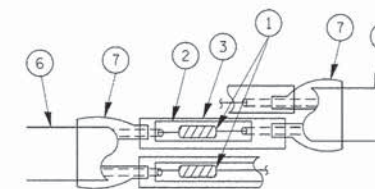


**DETAIL "A"
LOOP-TO-LOOP SPLICE**

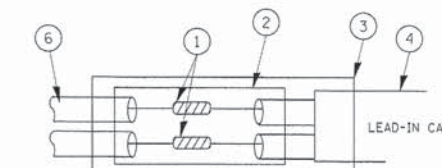


**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

TYPE I LOOP



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**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.
- PREFORMED LOOP
- XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

| | | | |
|--------------------------------|----------------------|----------------|-----------|
| FILE NAME = | USER NAME = bauer-dl | DESIGNED - DAD | REVISED - |
| FILE NAME: IDOT detail 12A.dgn | DRAWN - BCK | CHECKED - DAD | REVISED - |
| PLOT SCALE = 60.0000' / 1" | DATE - 10-28-09 | | |
| PLOT DATE = 11/4/2009 | | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|--|--------------------------------------|
| DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS | |
| SCALE: NONE | SHEET NO. 1 OF 6 SHEETS STA. TO STA. |

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

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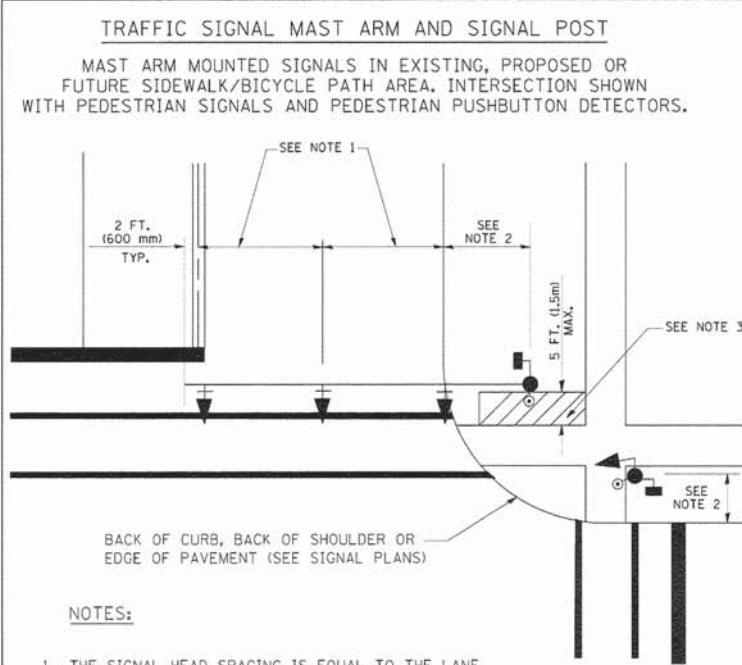
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| PLOT DATE = 1/30/2015 9:03:45 AM | DATE - 1/16/2015 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IDOT D1 STANDARD DRAWINGS
UNIVERSITY PARKWAY**

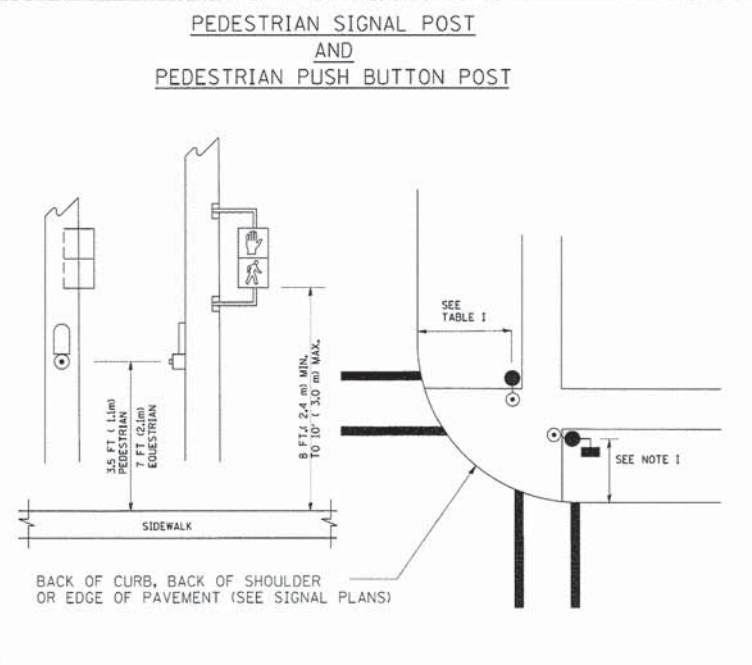
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| SCALE: | SHEET 11 OF 17 SHEETS STA. TO STA. |
|--------|------------------------------------|

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



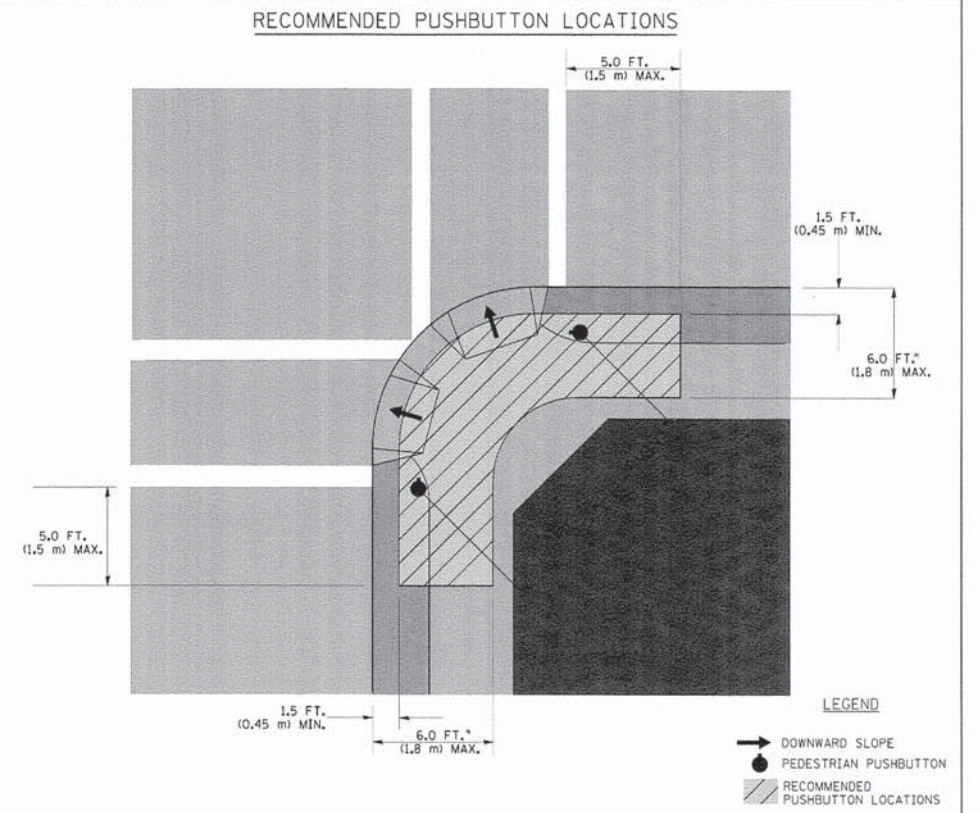
NOTES:

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.

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| | | DATE - 10-28-09 | REVISED - |

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| STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEET NO. |
| | | SCALE: NONE | SHEET NO. 2 OF 6 SHEETS | STA. | TO STA. | CONTRACT NO. | |
| | | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | |

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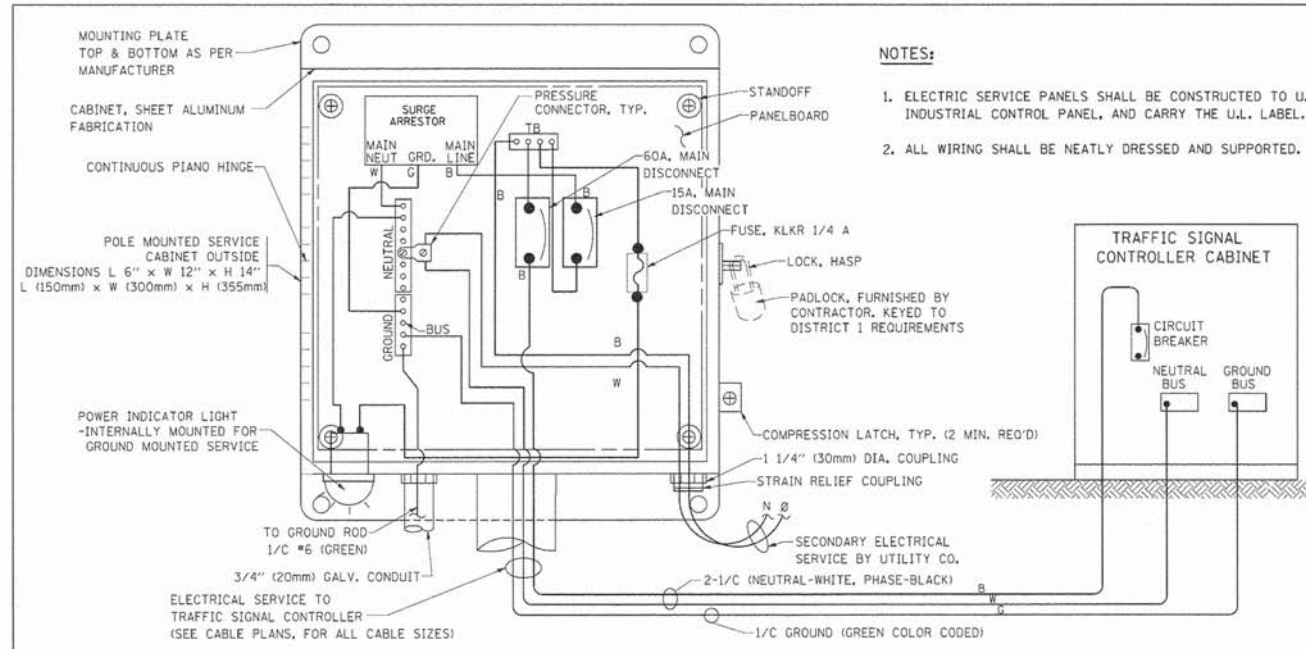


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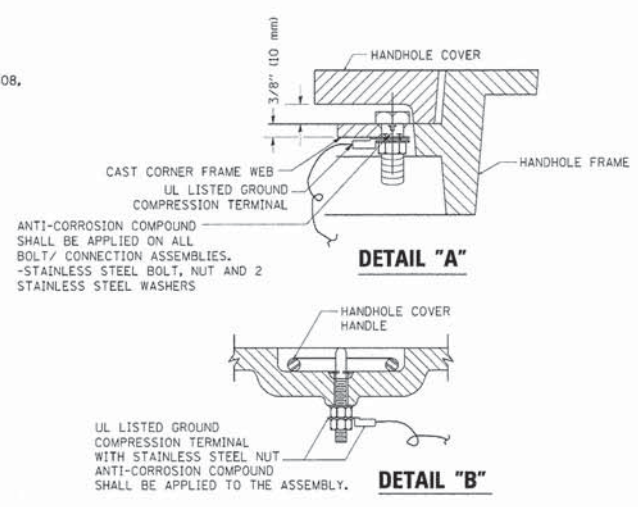


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| IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| | | ILLINOIS FED. AID PROJECT | | | | |

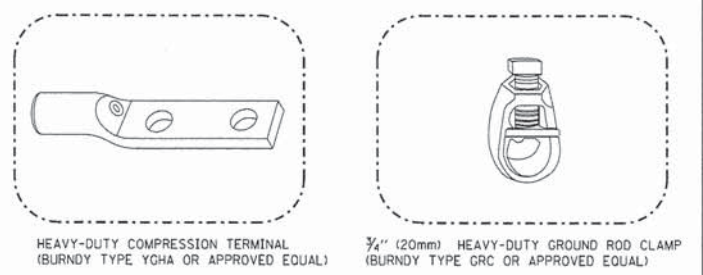
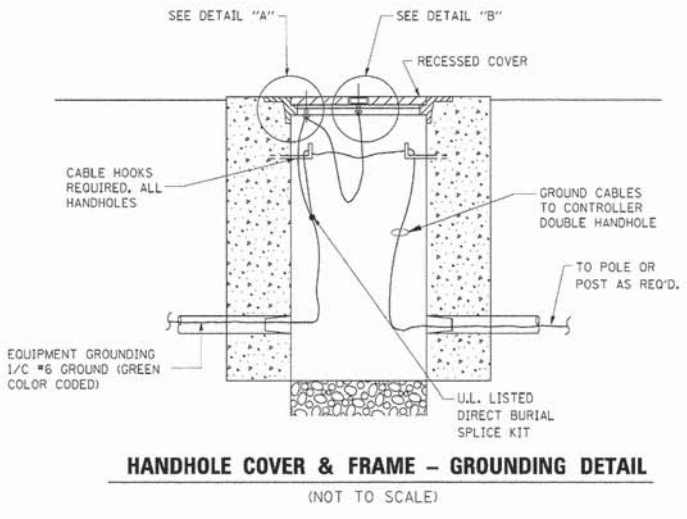
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



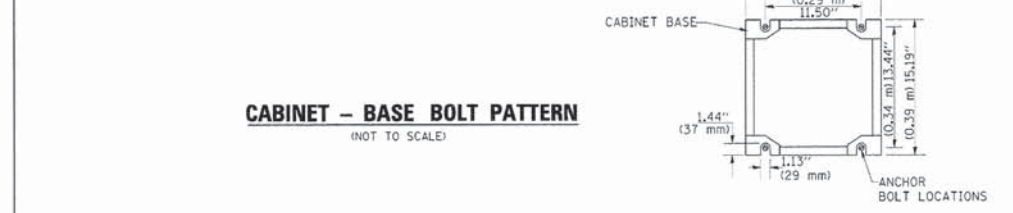
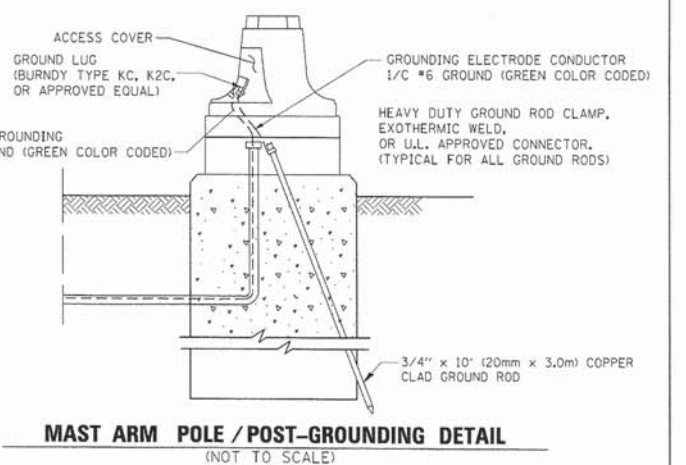
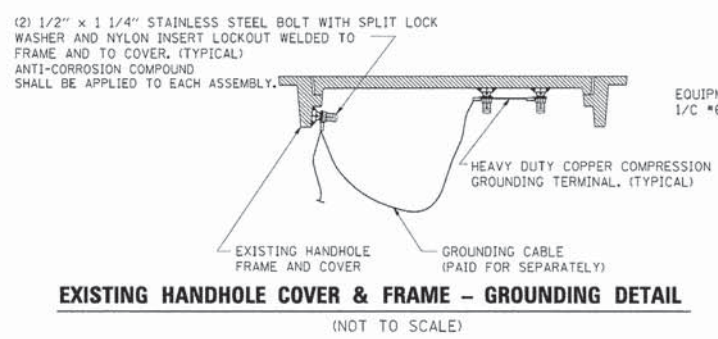
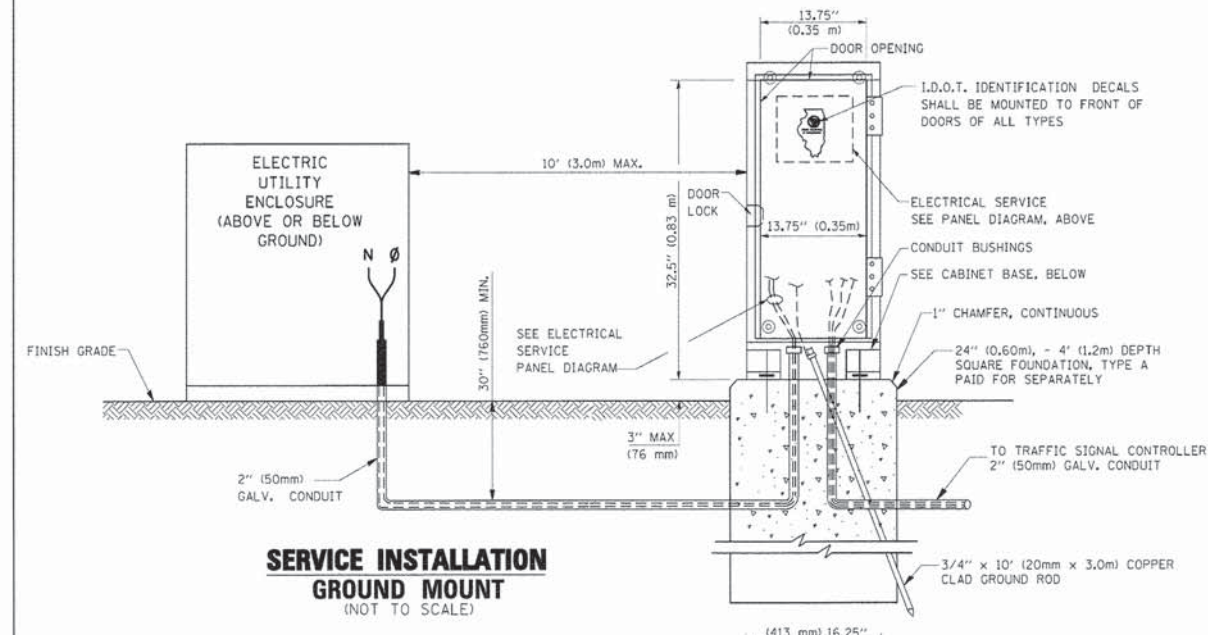
- NOTES:**
1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
 2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.



- NOTES:**
- GROUNDING SYSTEM**
1. 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.
 2. 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.
 3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 4. 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.



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| | | CHECKED = DAD | REVISED = |
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

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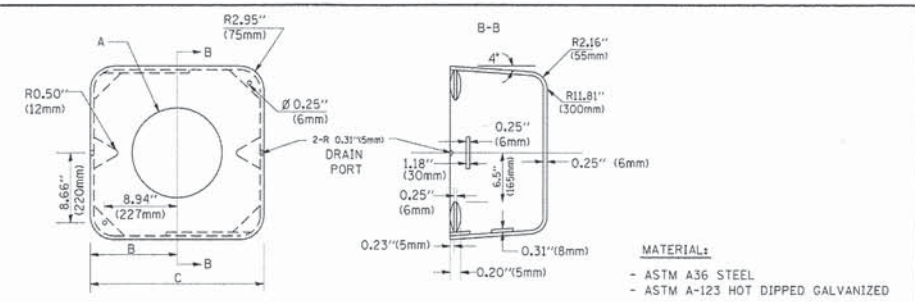
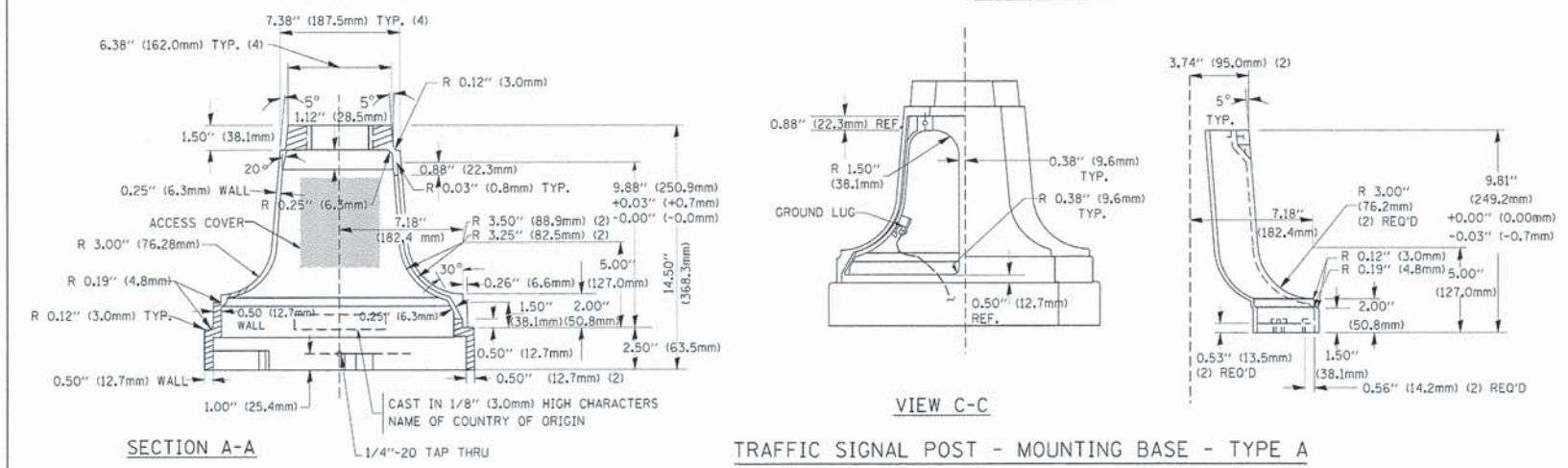
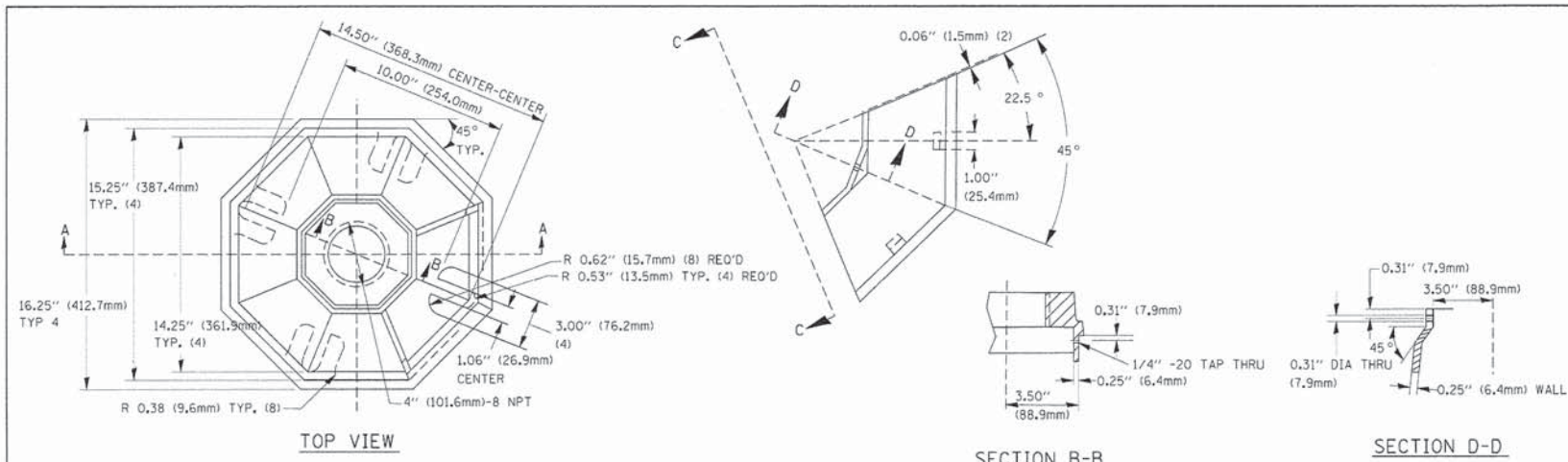


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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

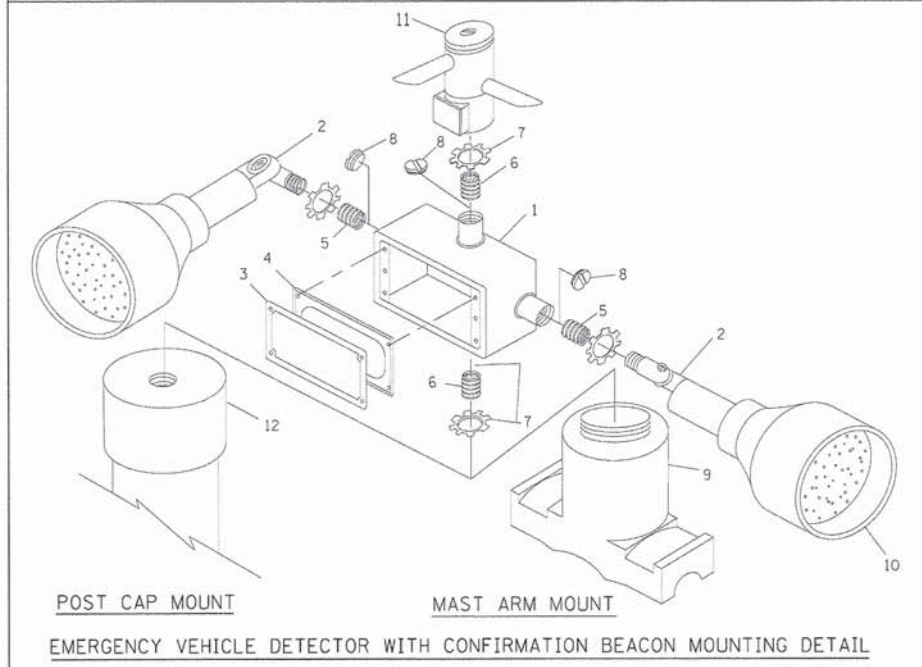
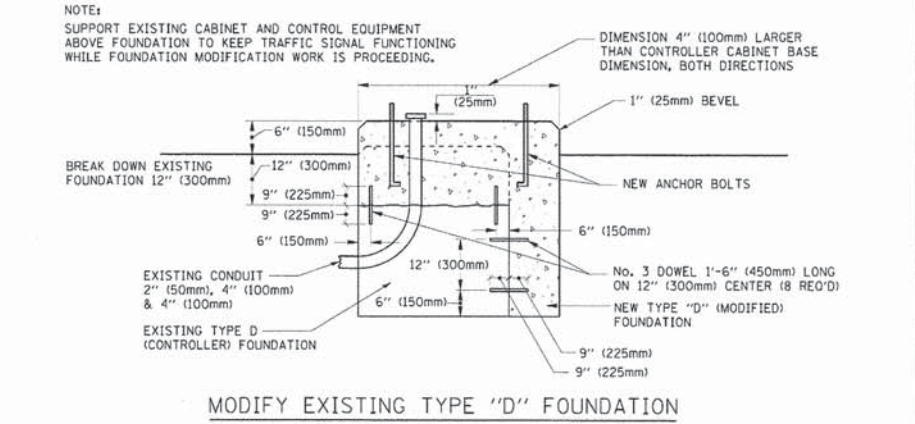
IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 1637 | 96-00014-01-PV | WILL | 119 | 97 |
| CONTRACT NO. 61A75 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



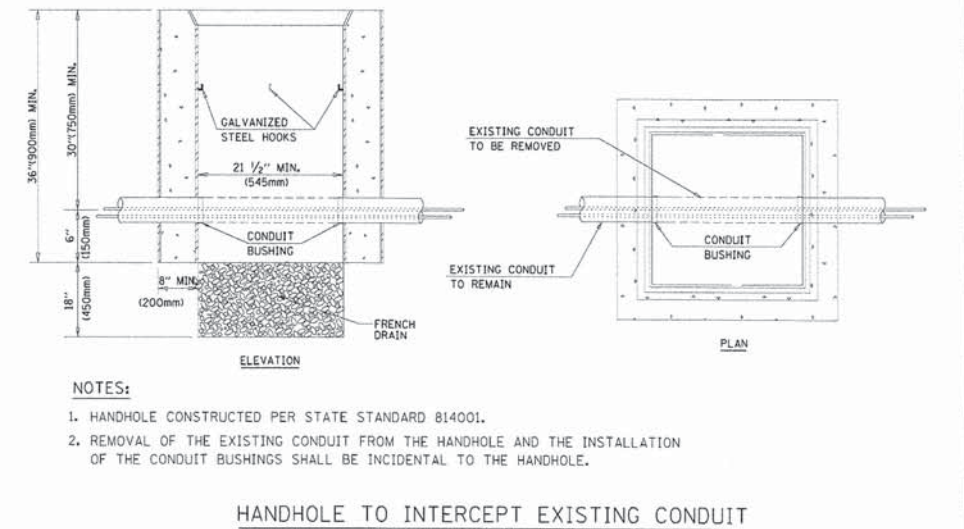
| A | B | C | HEIGHT | WEIGHT |
|-----------|-----------------|----------------|----------------------------|-----------------|
| VARIABLES | 9.5\" (241mm) | 19\" (483mm) | 7\" (178mm) - 12\" (300mm) | 53 lbs (24kg) |
| VARIABLES | 10.75\" (273mm) | 21.5\" (546mm) | 7\" (178mm) - 12\" (300mm) | 68 lbs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

- 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.



| 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 B14001.
 - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

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| 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 SHEETS | SHEET NO. |
| | | | | |
| TS-05 | | CONTRACT NO. | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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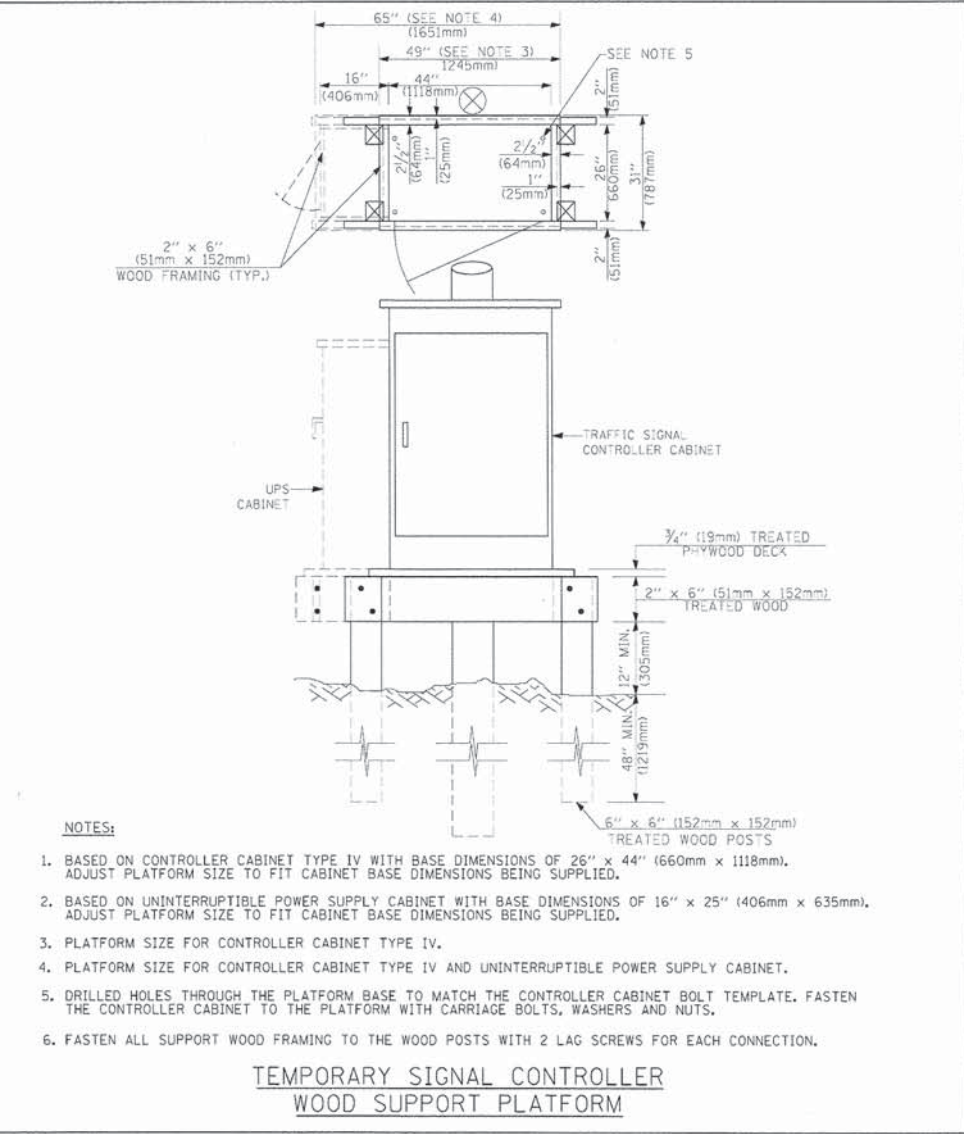
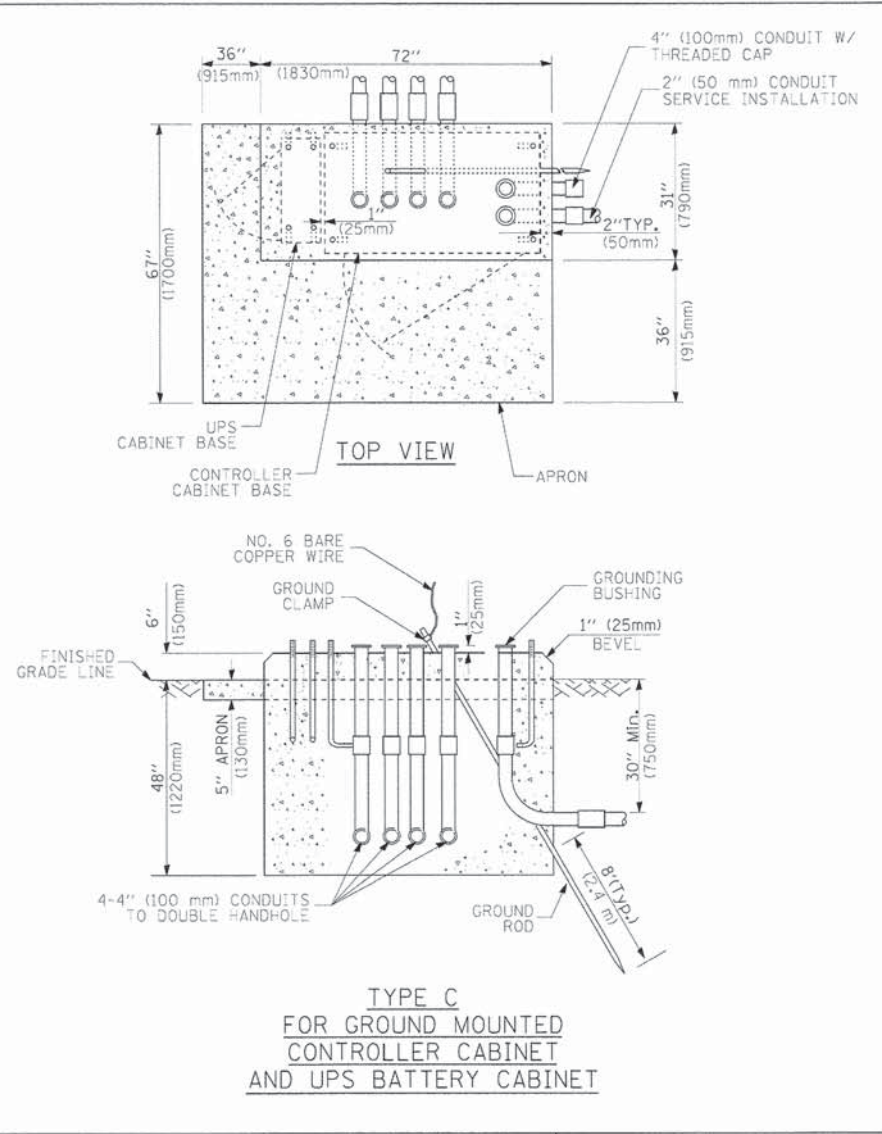
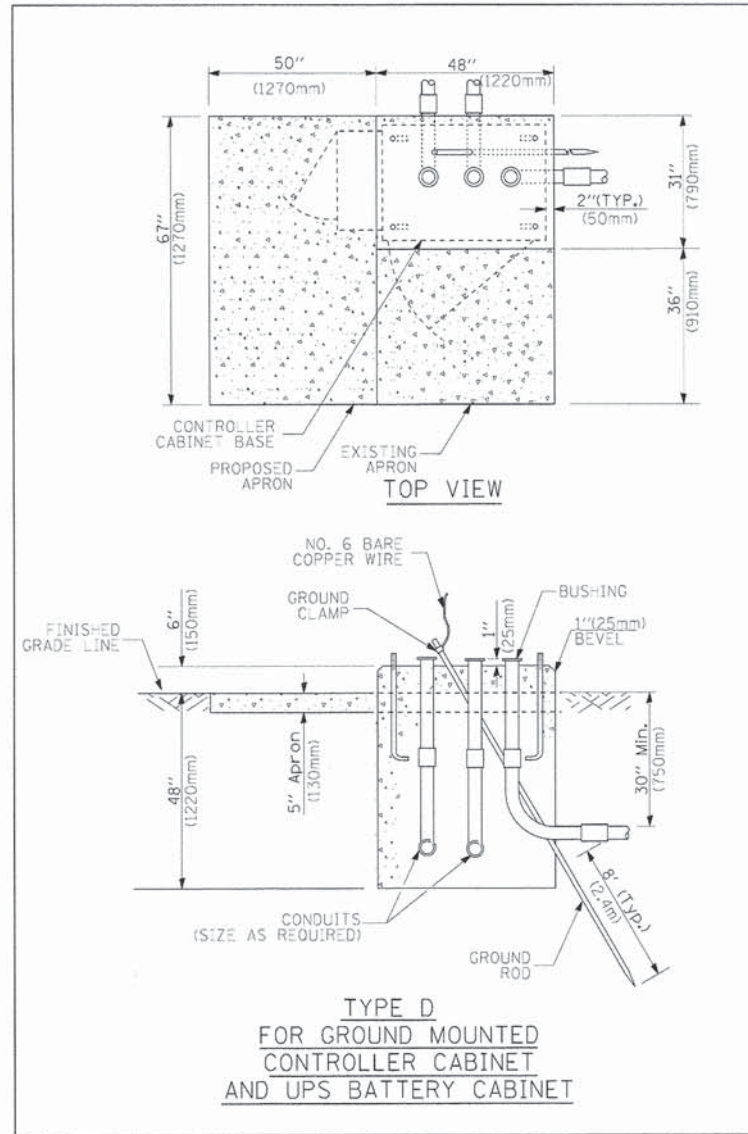
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IDOT D1 STANDARD DRAWINGS
UNIVERSITY PARKWAY**

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| 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 | | | | |

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- 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.

| 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) | 13'-0" (4.0 m) | 36" (900mm) | 30" (750mm) | 12 | 7(22) |
| Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m) | 15'-0" (4.6 m) | 36" (900mm) | 30" (750mm) | 12 | 7(22) |
| Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m) | 21'-0" (6.4 m) | 42" (1060mm) | 36" (900mm) | 16 | 8(25) |
| Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m) | 25'-0" (7.6 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 (UCS) > 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

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| PLOT DATE = 11/4/2009 | | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IDOT D1 STANDARD DRAWINGS
UNIVERSITY PARKWAY**

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|---------------------------|----------------|--------|--------------|-----------|
| 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 | | | | |

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License No. 184-000613

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 | | | |
| 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) | | | | CONTROLLER CABINET AND FOUNDATION TO BE REMOVED | | | |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE | | | | SYSTEM ITEM | | | | STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED | | | |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA | | | | INTERSECTION ITEM | | | | ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED | | | |
| SIGNAL POST | | | | REMOVE 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 | | | | RELOCATE ITEM | | | | SIGNAL POST AND FOUNDATION TO BE REMOVED | | | |
| GUY WIRE | | | | ABANDON ITEM | | | | INTERSECTION & SAMPLING (SYSTEM) DETECTOR | | | |
| SIGNAL HEAD | | | | 12" (300mm) TRAFFIC SIGNAL SECTION | | | | SAMPLING (SYSTEM) DETECTOR | | | |
| SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE) | | | | 12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE | | | | EXISTING INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR | | | |
| SIGNAL HEAD WITH BACKPLATE | | | | SIGNAL FACE | | | | EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR | | | |
| SIGNAL HEAD OPTICALLY PROGRAMMED | | | | SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD | | | | PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR | | | |
| FLASHER INSTALLATION (S DENOTES SOLAR POWER) | | | | 12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL | | | | PREFORMED SAMPLING (SYSTEM) DETECTOR | | | |
| PEDESTRIAN SIGNAL HEAD | | | | 12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED | | | | RAILROAD CONTROL CABINET | | | |
| PEDESTRIAN PUSHBUTTON DETECTOR | | | | 12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID | | | | RAILROAD CANTILEVER MAST ARM | | | |
| ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR | | | | PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER | | | | FLASHING SIGNAL | | | |
| ILLUMINATED SIGN "NO LEFT TURN" | | | | RADIO INTERCONNECT | | | | CROSSING GATE | | | |
| ILLUMINATED SIGN "NO RIGHT TURN" | | | | RADIO REPEATER | | | | CROSSBUCK | | | |
| DETECTOR LOOP, TYPE I | | | | DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED | | | | | | | |
| PREFORMED DETECTOR LOOP | | | | GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN) | | | | | | | |
| MICROWAVE VEHICLE SENSOR | | | | | | | | | | | |
| VIDEO DETECTION CAMERA | | | | | | | | | | | |
| VIDEO DETECTION ZONE | | | | | | | | | | | |
| PAN, TILT, ZOOM CAMERA | | | | | | | | | | | |
| WIRELESS DETECTOR SENSOR | | | | | | | | | | | |
| WIRELESS ACCESS POINT | | | | | | | | | | | |

RAILROAD SYMBOLS

| | EXISTING | PROPOSED |
|------------------------------|----------|----------|
| RAILROAD CONTROL CABINET | | |
| RAILROAD CANTILEVER MAST ARM | | |
| FLASHING SIGNAL | | |
| CROSSING GATE | | |
| CROSSBUCK | | |

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| FILE NAME = c:\pwworking\p1001\BAUER\DL\10100315\10100315.dgn | USER NAME = beueral | DESIGNED - DAG/BCK DRAWN - BCK | REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 50,0000 1/ IN. PLOT DATE = 11/4/2009 | CHECKED - DAD DATE - 10-28-09 | REVISED - REVISED - | | SCALE: NONE | SHEET NO. 6 OF 6 SHEETS STA. TO STA. | TS-05 | CONTRACT NO. | | | |
| | | | | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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| USER NAME = Kristin Timmons FILE NAME: IDOT_detail_12F.dgn PLOT SCALE = 60,0000 1/ IN. PLOT DATE = 1/30/2015 9:26:29 AM | DESIGNED - AS DRAWN - AS CHECKED - KDN DATE - 1/16/2015 | REVISED - REVISED - REVISED - REVISED - | |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|----------|--------------|--------------|
| IDOT D1 STANDARD DRAWINGS UNIVERSITY PARKWAY | | | |
| SCALE: | SHEET 16 | OF 17 SHEETS | STA. TO STA. |

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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1637 | 96-00014-01-PV | WILL | 119 | 100 |
| CONTRACT NO. 61A75 | | | | |
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