

11-05-2021 LETTING ITEM 076

FOR INDEX OF SHEETS AND LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

IMPROVEMENTS LOCATED IN THE CITY OF DEKALB (NIU CAMPUS)

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED HIGHWAY PLANS

NIU CAMPUS IMPROVEMENTS OFF OF LUCINDA AVENUE AND NORMAL ROAD
F.A.U. 5336 – LUCINDA AVENUE
CITY OF DEKALB
SECTION: 08-00003-00-PV
PROJECT: ZXAQ(441)
JOB NUMBER: C-93-021-21
DEKALB COUNTY

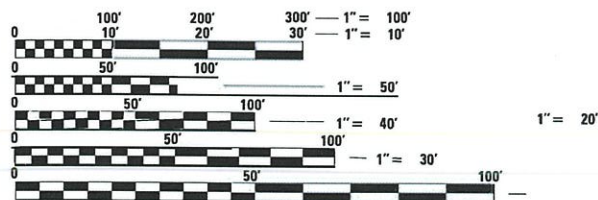


Expires 11-30-2021
Date: 06/01/2021

L. Lugo

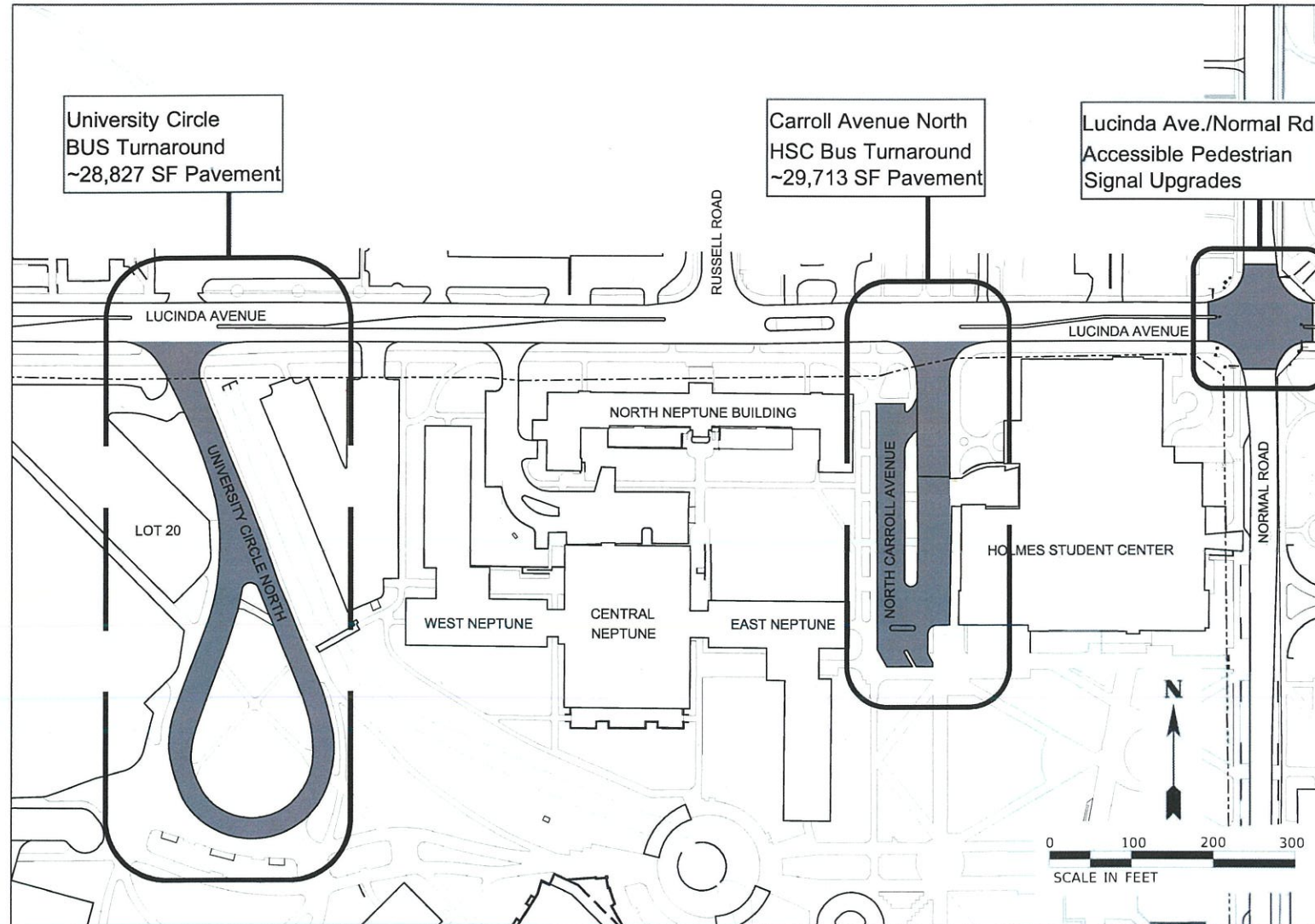
THIS CERTIFIES THAT THESE DRAWINGS HAVE BEEN REVIEWED TO THE BEST OF MY KNOWLEDGE AND THAT I BELIEVE THEY ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO, STATE OF ILLINOIS.

LICENSED ARCHITECT /LANDSCAPE ARCHITECT/
LICENSED ENGINEER



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 LOCATING INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

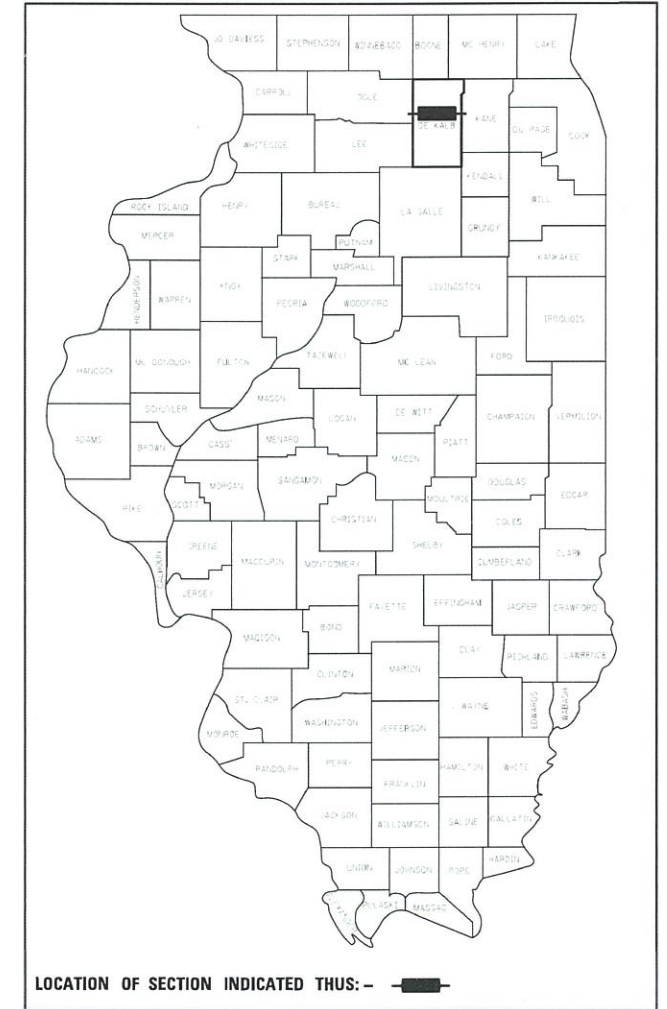


LOCATION MAP

PROJECT GROSS LENGTH: 0.686 Miles
PROJECT NET LENGTH: 0.383 Miles

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	1
CONTRACT NUMBER: 87754				

C-93-021-21



Plans Prepared By:

KNIGHT

Engineers & Architects

221 North LaSalle Street
Suite 300
Chicago, IL 60601-1211
Phone: (312) 577-3300

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 4th 20 21

BELINDA B. ROLLER, DIRECTOR – NORTHERN ILLINOIS UNIVERSITY

PASSED JUNE 4 20 21

DISTRICT 3, LOCAL ROADS AND STREET ENGINEER

SUBMITTED FOR BID BASED ON LIMITED REVIEW

JUNE 4 20 21

REGION 2 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONTRACT NO. 87754

INDEX OF SHEETS

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30	TRAFFIC SIGNAL CABLE PLAN
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IDOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGNAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C & D PATCHES
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720011-01	METAL POSTS FOR SIGNS MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
876001-04	PEDESTRIAN PUSH BUTTON POST
B.L.R. 28	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

GENERAL NOTES

- ALL DIMENSIONS SHOWN ON THE PLANS ARE TO EDGE OF PAVEMENT, UNLESS OTHERWISE SPECIFIED.
- ANY REFERENCE TO "STANDARD SPECIFICATIONS; THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016 AND THE LATEST EDITION OF THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", AT TIME OF BIDDING.
- THERMOPLASTIC PAVEMENT MARKING LINE AND/OR LETTERS AND SYMBOLS SHALL BE DONE AT EACH LOCATION WHERE PAVEMENT MARKINGS ARE REQUIRED WITHIN 3 WORKING DAYS AFTER THE FINAL BITUMINOUS SURFACE IS IN PLACE.
- THE CONTRACTOR SHALL PROTECT ALL MARKINGS FROM TRAFFIC UNTIL THE THERMOPLASTIC/PREFORMED PLASTIC HAS SET SUFFICIENTLY TO ASSUME TRAFFIC. ANY DAMAGE TO THE MARKINGS DUE TO TRAFFIC SHALL BE REPLACED IMMEDIATELY BY THE CONTRACTOR AT HIS/HER EXPENSE.
- PAVEMENT MARKING REMOVAL WILL NOT BE PAID FOR WHEN THE EXISTING MARKING IS REMOVED BY PAVEMENT REMOVAL, CURB AND GUTTER REMOVAL AND OTHER REMOVAL ITEMS.
- UPON BID AWARD THE CONTRACTOR SHALL COMPLETE AND SUBMIT A RIGHT OF WAY CONSTRUCTION PERMIT APPLICATION FOR THE CITY OF DEKALB TO ENSURE THE CONTRACTOR IS INSURED. THE RIGHT OF WAY CONSTRUCTION PERMIT APPLICATION FOR THE CITY OF DEKALB IS INCLUDED IN THE SPECIAL PROVISION FOR RECORDS.
- DETECTABLE WARNING TILES SHALL BE POWDER COATED, 10 GAUGE GALVANIZED STEEL. COLOR SHALL BE BRICK RED - FED#22144
- EXISTING RESERVED UNIVERISTY PARKING LOCATION CHANGES WILL NEED TO BE COMMUNICATED AND COORDINATED WITH THE UNIVERSITY PROJECT MANAGER.
- DETECTABLE WARNING TILE MATERIAL SHALL BE 10 GAUGE GALVANIZED STEEL COLORED FED 22144 BRICK RED. EQUIPMENT AND INSTALLATION PROCEDURES USED SHALL BE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

JOB NO. C-93-021-21

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PLOT DATE = 6/1/2021	DATE - APRIL 2021	REVISED -

NORTHERN ILLINOIS UNIVERSITY

GENERAL NOTES

SCALE: NONE SHEET 1 OF 1 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	2
CONTRACT NUMBER: 87754				
ILLINOIS				

SUMMARY OF QUANTITIES

SP	PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONST TYPE 0005
	20200100	EARTH EXCAVATION	CU YD	47	47
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	457	457
	25000110	SEEDING, CLASS 1A	ACRE	0.1	0.1
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	8.5	8.5
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	8.5	8.5
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	8.5	8.5
	25100635	EROSION CONTROL BLANKET	SQ YD	457	457
	28000400	PERIMETER EROSION BARRIER	FOOT	382	382
	28000500	INLET AND PIPE PROTECTION	EACH	18	18
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2750	2750
	40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	2	2
	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	871	871
	42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	4875	4875
x	42400800	DETECTABLE WARNINGS	SQ FT	388	388
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	6112	6112
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	930	930
	44000600	SIDEWALK REMOVAL	SQ FT	4928	4928
	44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	7	7
	44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	9	9
	44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	23	23
	44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	27	27
	60260100	INLETS TO BE ADJUSTED	EACH	17	17
	60255500	MANHOLES TO BE ADJUSTED	EACH	14	14
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	229	229

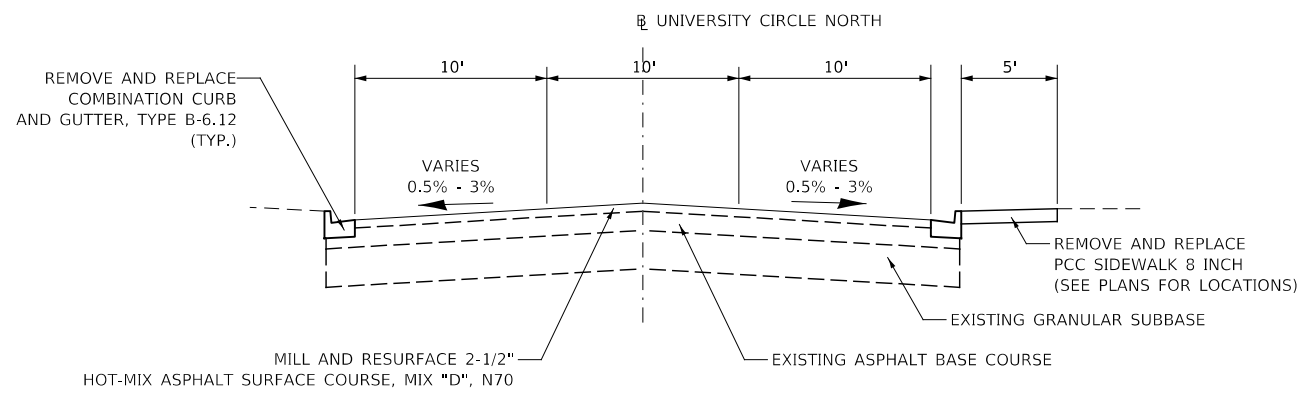
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	67100100	MOBILIZATION	L SUM	1	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
Δ	72000100	SIGN PANEL - TYPE 1	SQ FT	9	9
Δ	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1
Δ	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	13	13
Δ	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62	62
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2379	2379
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1938	1938
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	163	163
Δ X	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1
Δ	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	56	56
Δ	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	8
Δ	88600100	DETECTOR LOOP, TYPE I	FOOT	34	34
Δ	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	44	44
Δ X	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1
Δ X	89502376	REBUILD EXISTING HANDHOLE	EACH	2	2
X	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
X	X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	701	701
X	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
Δ X	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8	8
Δ X	X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1	1
Δ X	Z0073509	PERMANENT TRAFFIC SIGNAL TIMING	EACH	1	1
X	XX009474	JOINT REPAIR (SPECIAL)	FOOT	191	191

SP LEGEND

X INDICATES ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEMS

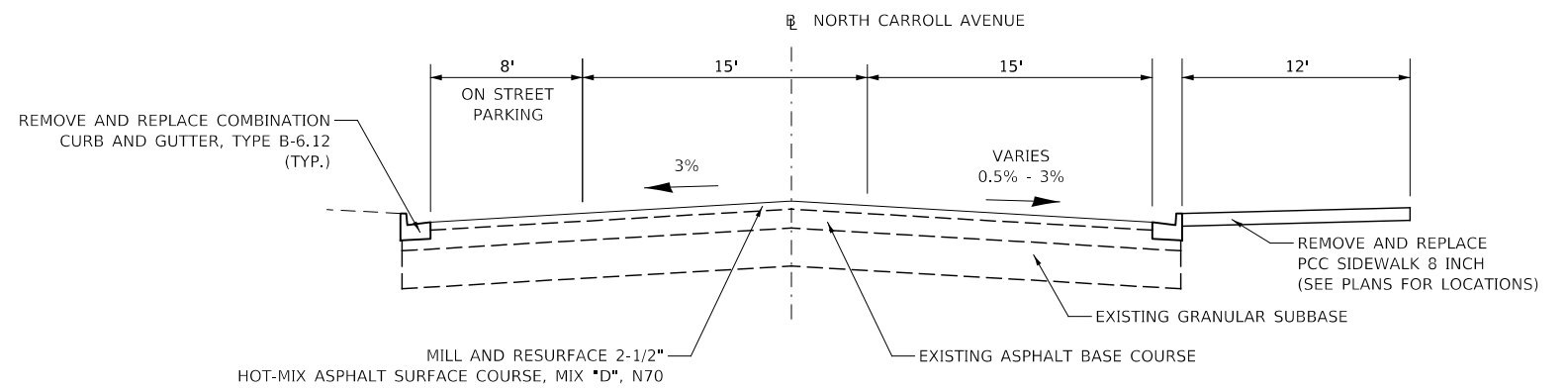
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	PLOT DATE = 6/1/2021	CHECKED - LL	REVISED -				CONTRACT NUMBER: 87754				
	DATE - APRIL 2021	REVISED -	SCALE: NONE				SHEET 1 OF 1 SHEETS	ILLINOIS			



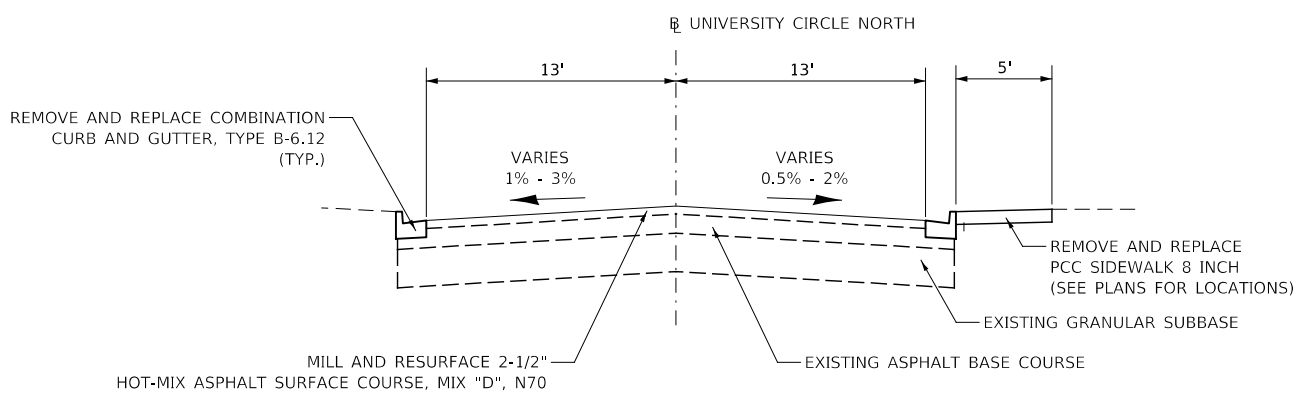
UNIVERSITY CIRCLE NORTH TYPICAL SECTION ENTRANCE

STA 103+06 TO 105+39
(LOOKING NORTH)



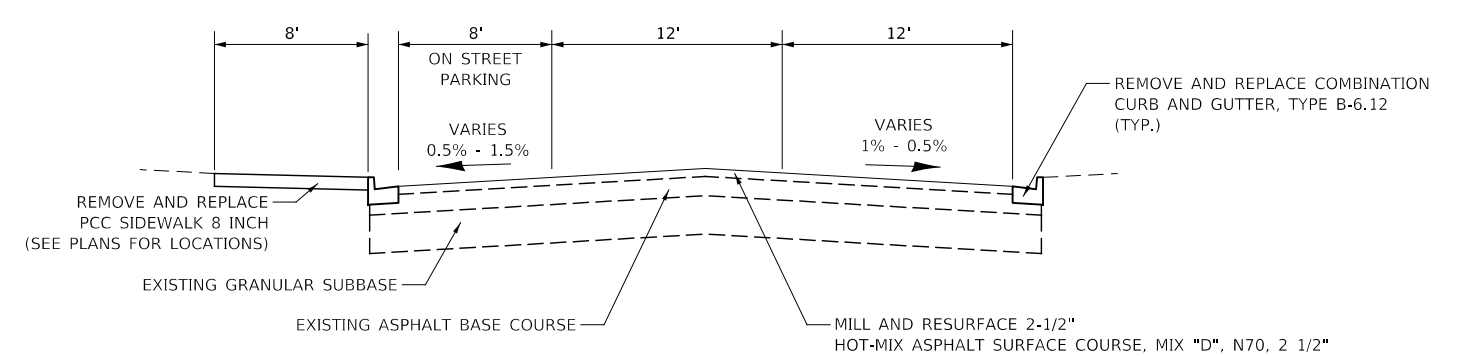
NORTH CARROLL AVENUE TYPICAL SECTION MAIN ENTRANCE

STA 203+88 TO 203+66
(LOOKING NORTH)



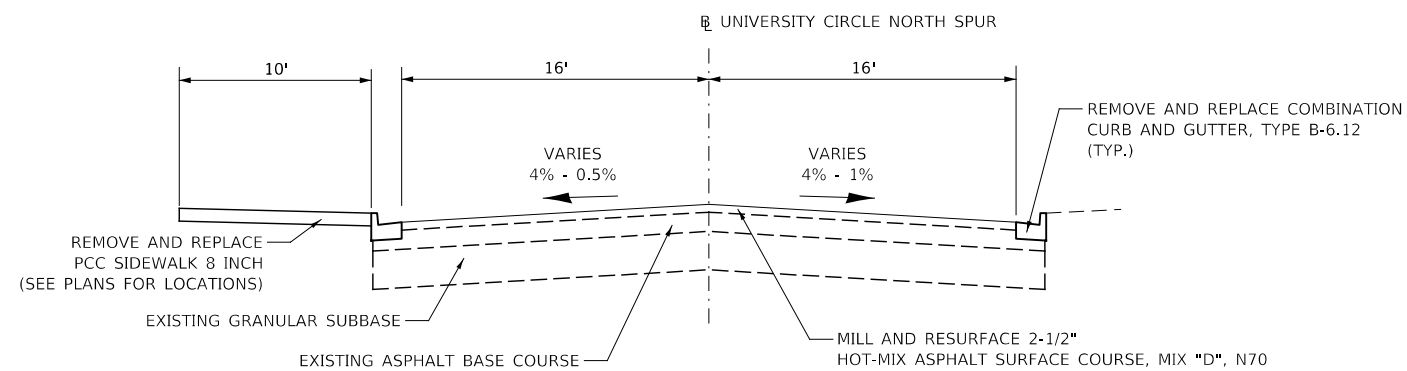
UNIVERSITY CIRCLE NORTH TYPICAL SECTION SOUTHEAST

STA 100+30 TO 103+06
(LOOKING NORTH)



NORTH CARROLL AVENUE TYPICAL SECTION TURNAROUND

STA 203+88 TO 203+66
(LOOKING NORTH)



UNIVERSITY CIRCLE NORTH TYPICAL SECTION SOUTHWEST

STA 151+08 TO 153+70
(LOOKING NORTH)

HMA MIXTURE REQUIREMENT TABLE			
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE	CLASS D PATCH BOTTOM LIFT(S)	CLASS D PATCH TOP LIFT
BINDER GRADE (PG):	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 9.5	IL 9.5
FRICTION AGGREGATE:	MIXTURE D		
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA
SUBLOT SIZE:	NA	NA	NA
DENSITY TEST METHOD:	LR 1030	LR 1030	LR 1030

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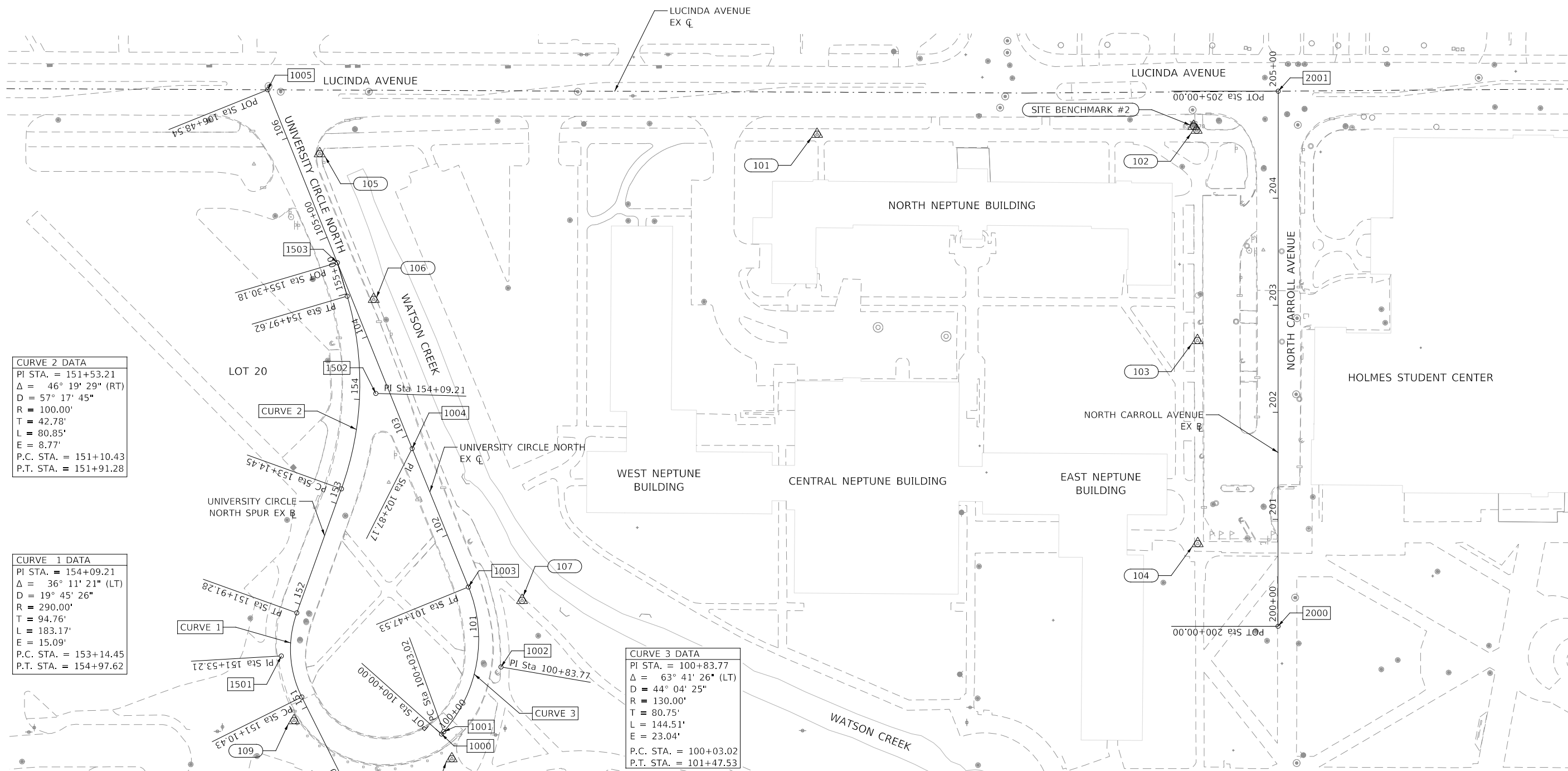
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EXISTING AND PROPOSED TYPICAL SECTIONS
UNIVERSITY CIRCLE NORTH AND NORTH CARROLL AVENUE

SCALE: 1" = 10' SHEET 1 OF 1 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-0003-00-PV	DeKalb	31	4
			CONTRACT NUMBER: 87754	
ILLINOIS				



CURVE 2 DATA
 PI STA. = 151+53.21
 $\Delta = 46^\circ 19' 29''$ (RT)
 $D = 57' 17' 45''$
 $R = 100.00'$
 $T = 42.78'$
 $L = 80.85'$
 $E = 8.77'$
 P.C. STA. = 151+10.43
 P.T. STA. = 151+91.28

CURVE 1 DATA
 PI STA. = 154+09.21
 $\Delta = 36^\circ 11' 21''$ (LT)
 $D = 19^\circ 45' 26''$
 $R = 290.00'$
 $T = 94.76'$
 $L = 183.17'$
 $E = 15.09'$
 P.C. STA. = 153+14.45
 P.T. STA. = 154+97.62

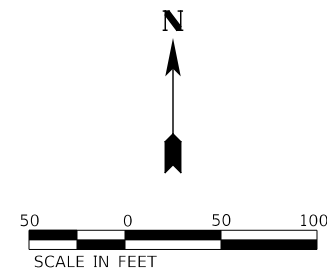
CURVE 3 DATA
 PI STA. = 100+83.77
 $\Delta = 63^\circ 41' 26''$ (LT)
 $D = 44^\circ 04' 25''$
 $R = 130.00'$
 $T = 80.75'$
 $L = 144.51'$
 $E = 23.04'$
 P.C. STA. = 100+03.02
 P.T. STA. = 101+47.53

ALIGNMENT POINTS		
POINT	NORTHING	EASTING
1000	1919105.24	865413.23
1001	1919107.51	865415.23
1002	1919167.93	865468.79
1003	1919242.73	865438.36
1004	1919372.07	865385.74
1005	1919707.29	865250.78
1500	1919041.15	865331.90
1501	1919178.24	865253.47
1502	1919423.54	865351.77
1503	1919545.67	865315.85
2000	1919205.97	866195.16
2001	1919705.97	866195.35

CONTROL POINTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
101	1919665.77	865764.32	859.63	CUT CROSS ON SIDEWALK
102	1919669.54	866119.11	856.83	CUT CROSS ON SIDEWALK
103	1919472.99	866119.81	854.17	CUT CROSS ON SIDEWALK
104	1919283.26	866120.07	853.35	CUT CROSS ON SIDEWALK
105	1919647.59	865299.29	853.79	CUT CROSS ON SIDEWALK
106	1919511.52	865349.79	854.47	CUT CROSS ON SIDEWALK
107	1919230.23	865488.51	854.37	CUT CROSS ON SIDEWALK
108	1919082.23	865422.78	858.44	CUT CROSS ON BUS PLATFORM
109	1919117.90	865275.31	859.18	CUT CROSS ON BUS PLATFORM

SITE BENCHMARK #1
 FIRE HYDRANT BOLT AT SW CORNER OF LUCINDA AND NORMAL AVE.
 NORTHING = 1919675.29 EASTING = 866536.16 ELEVATION = 861.43

SITE BENCHMARK #2
 FIRE HYDRANT BOLT AT SW CORNER OF LUCINDA AVE AND NORTH CARROLL AVENUE BUS TURNAROUND
 NORTHING = 1919673.22 EASTING = 866116.21 ELEVATION = 858.37



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KNIGHT
 Engineers & Architects

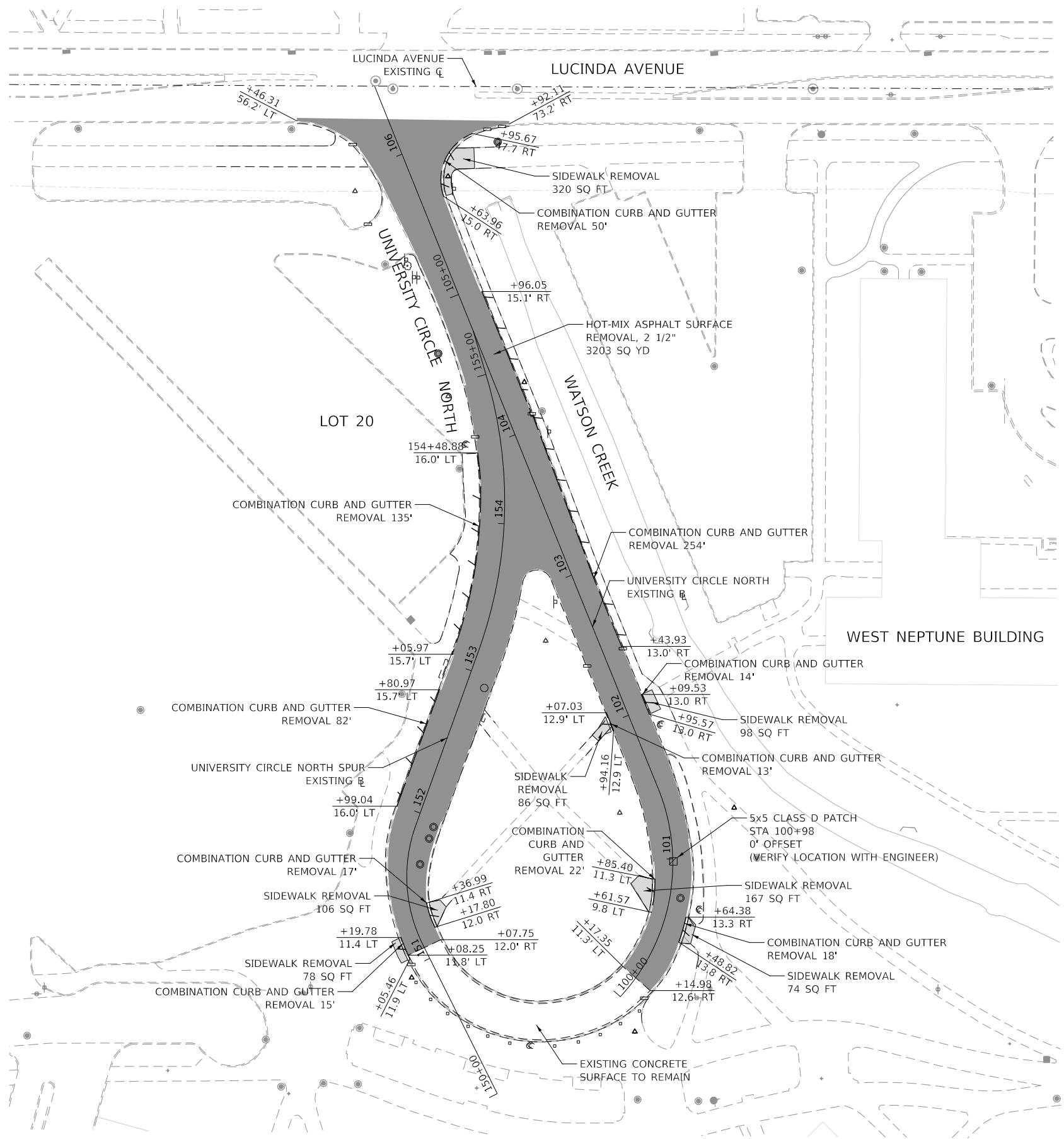
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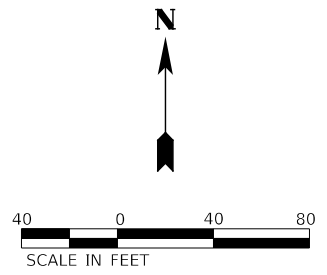
**ALIGNMENT, BENCHMARKS, AND CONTROL POINT PLAN
 UNIVERSITY CIRCLE NORTH AND NORTH CARROLL AVENUE**

SCALE: AS SHOWN SHEET 1 OF 1 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	5
ILLINOIS			CONTRACT NUMBER: 87754	



NOTE:
 1. PAVEMENT JOINTS ON THE EXISTING CONCRETE APRON TO REMAIN REQUIRE REPAIR. SEE PROPOSED PLAN FOR REPAIR LOCATIONS AND JOINT REPAIR (SPECIAL) DETAIL ON SHEET 31



LEGEND	
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
	SIDEWALK REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	CLASS D PATCHES, 8 INCH

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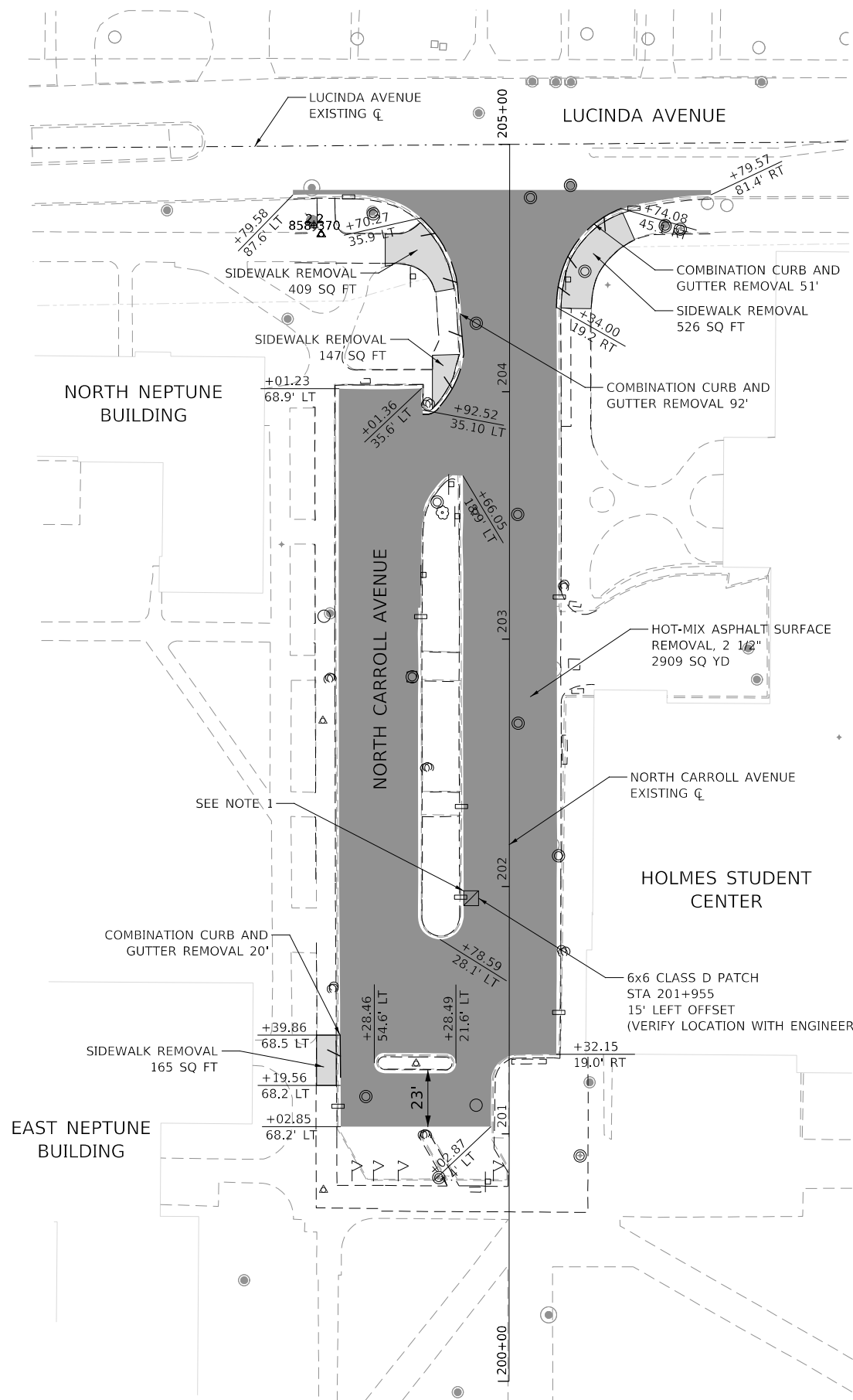


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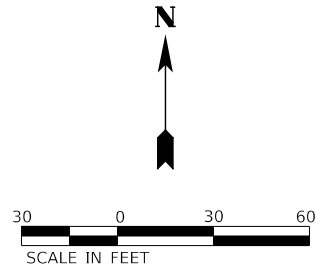
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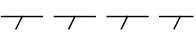


REMOVAL PLANS	
UNIVERSITY CIRCLE NORTH	
SCALE: AS SHOWN	SHEET 1 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	6
				CONTRACT NUMBER: 87754
ILLINOIS				



- NOTES:
1. THE CONTRACTOR SHALL PERFORM PAVEMENT PATCH WORK AND STURCTURE ADJUSTMENTS ADJACENT TO THE EXISTING CURB TO REMAIN IN SUCH A MANNER THAT THE INTEGRITY OF THE EXISTING CURB IS MAINTAINED. PRIOR TO ASPHALT PATCHING, GRANULAR FILL SHOULD BE PLACED, WHERE REQUIRED. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR EXISTING CURB TO REMAIN THAT IS DAMAGED DUE TO WORK ADJACENT TO CURB.



LEGEND	
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
	COMBINATION CURB AND GUTTER REMOVAL
	SIDEWALK REMOVAL
	CLASS D PATCHES, 8 INCH

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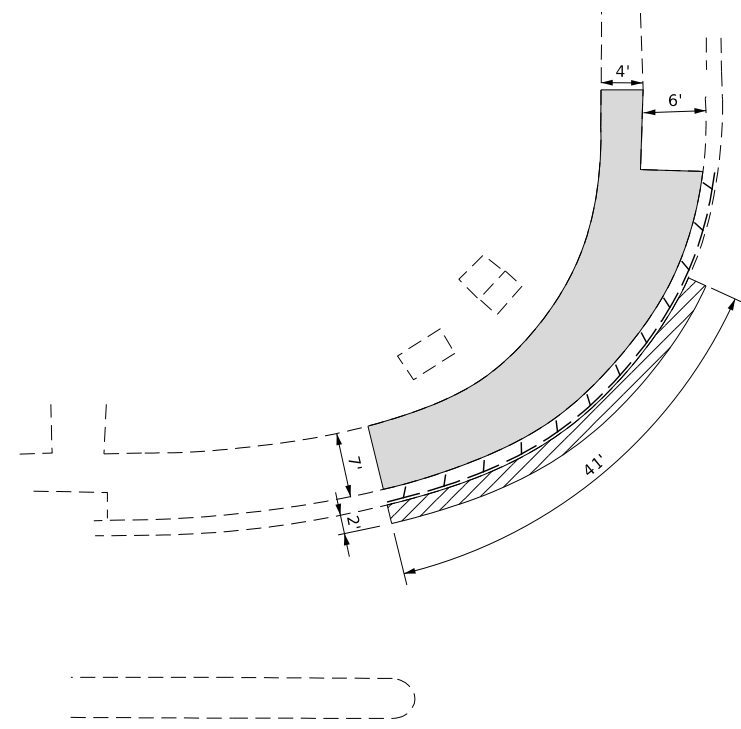


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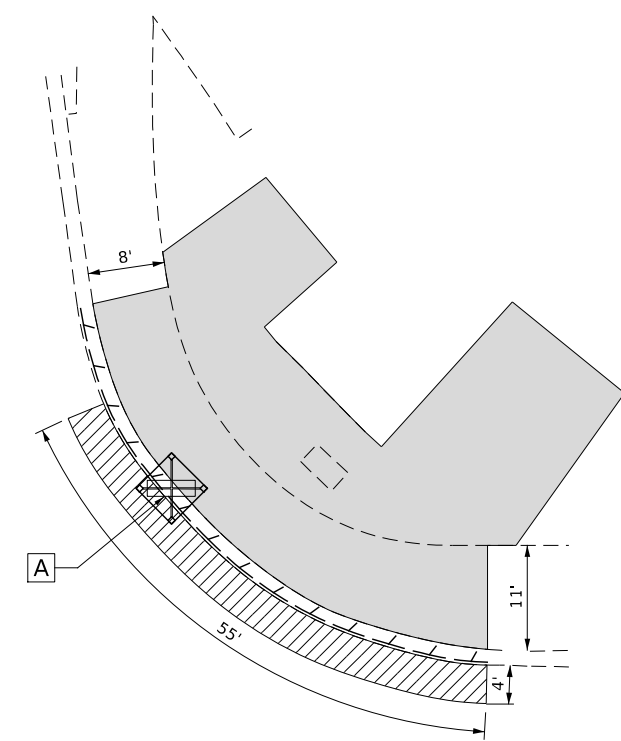
NORTHERN ILLINOIS UNIVERSITY

REMOVAL PLANS	
NORTH CARROLL AVENUE	
SCALE: AS SHOWN	SHEET 2 OF 2 SHEETS

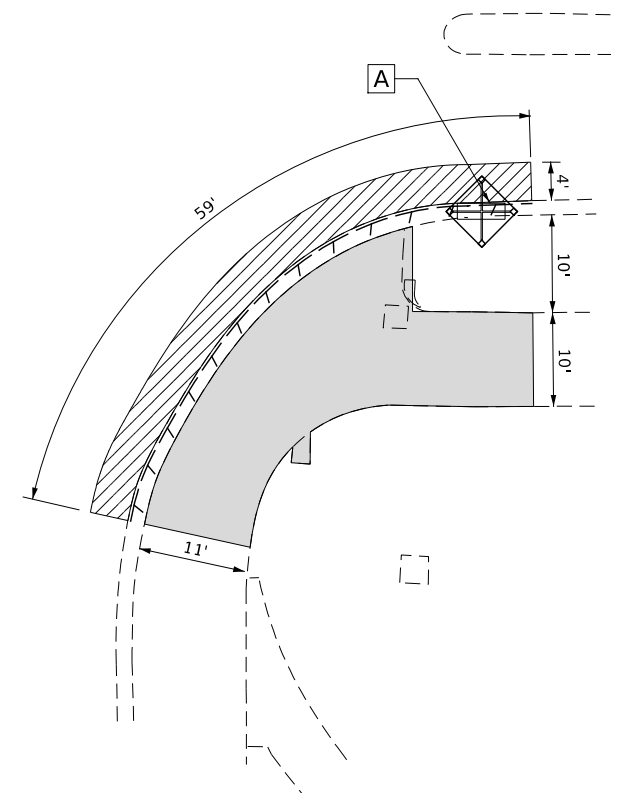
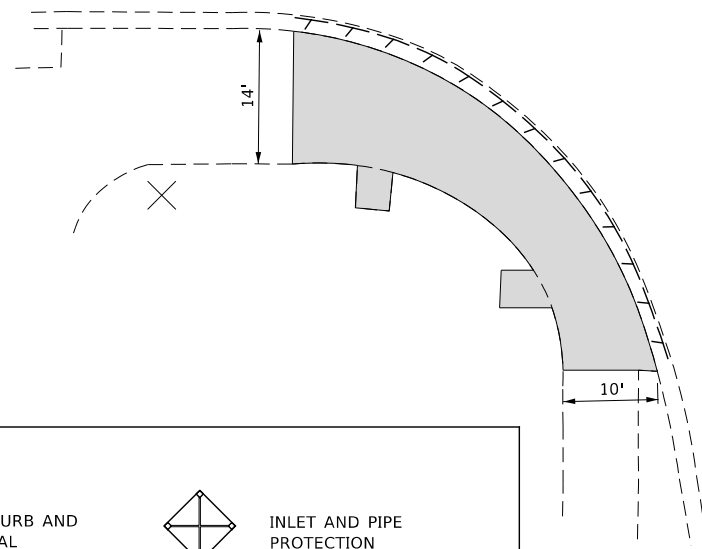
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-0003-00-PV	DeKalb	31	7
CONTRACT NUMBER: 87754				
ILLINOIS				



NORMAL ROAD



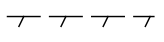
LUCINDA AVENUE



LEGEND



HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"



COMBINATION CURB AND GUTTER REMOVAL



INLET AND PIPE PROTECTION



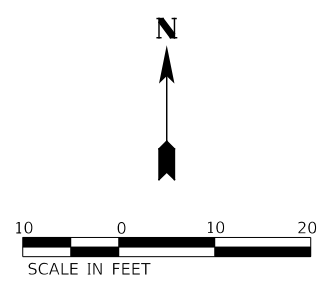
SIDEWALK REMOVAL



CLASS D PATCHES, 8 INCH



DRAINAGE STRUCTURE TO BE ADJUSTED



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DATE -	

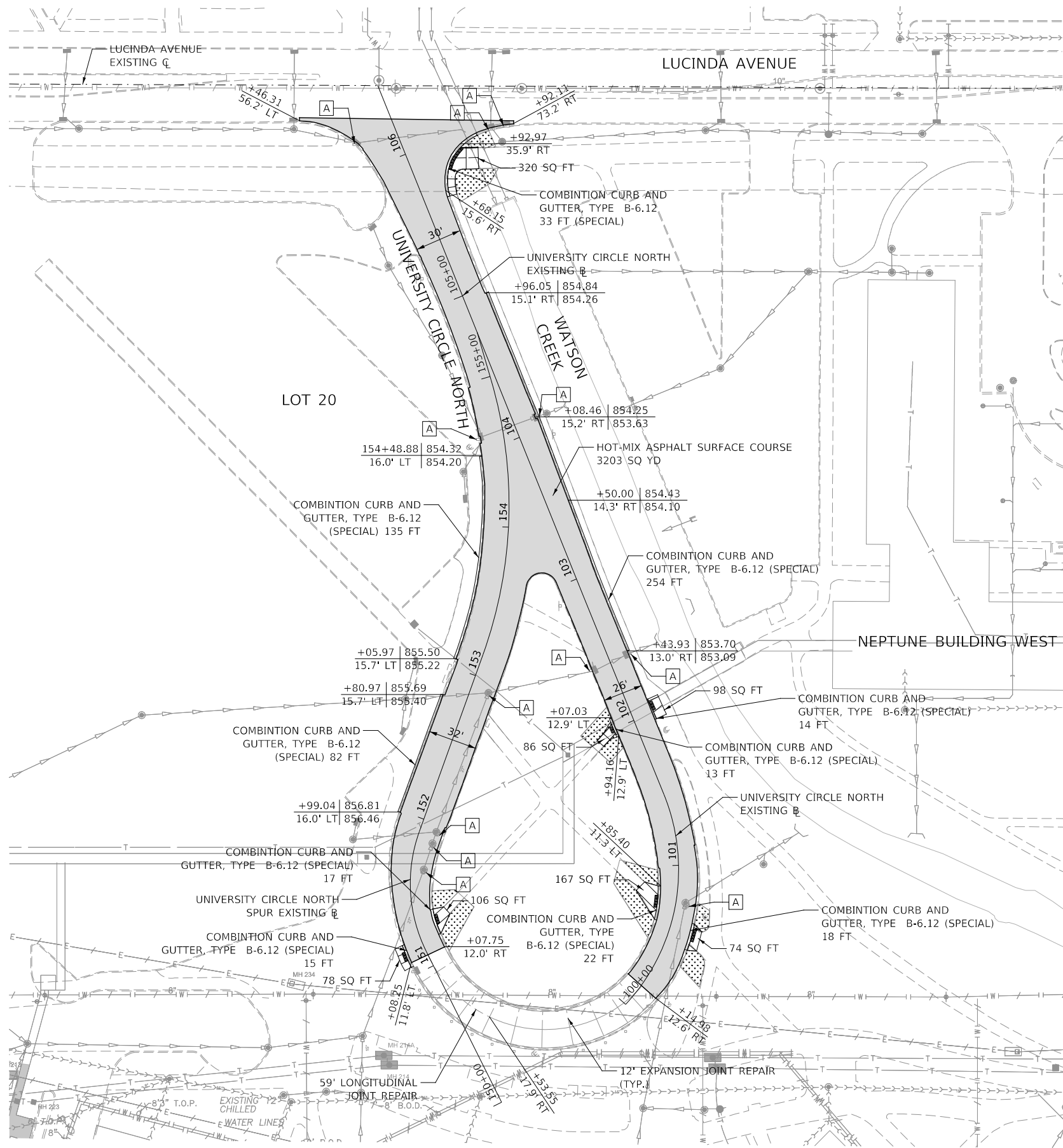
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NORTHERN ILLINOIS UNIVERSITY

**REMOVAL PLANS
LUCINDA AVENUE AND NORMAL ROAD**

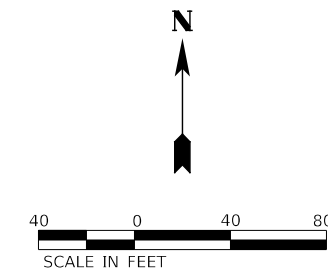
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FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	8
			CONTRACT NUMBER: 87754	
ILLINOIS				





NOTES:

1. LONGITUDINAL AND EXPANSION JOINT REPAIR SHALL BE CONSTRUCTED PER JOINT REPAIR (SPECIAL) DETAIL ON SHEET 31 AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EXPANSION JOINT REPAIR (SPECIAL).
2. CONTRACTOR SHALL PERFORM MILLING AND RESURFACING OPERATIONS WITH CARE TO PREVENT ANY DAMAGE TO EXISTING VEGETATION AND SIGNAGE ADJACENT TO TURNAROUND AREAS. DAMAGED SIGNS AND/OR VEGETATION SHALL BE REPLACED IN-KIND AT THE EXPENSE OF THE CONTRACTOR.
3. ALL TOPSOIL SEEDING AND LANDSCAPING SHALL BE PREPARED IN ACCORDANCE WITH ARTICLES 250.04 THROUGH 250.07 OF THE IDOT STANDARD SPECIFICATIONS.
4. SEE REMOVAL PLANS FOR LIMITS OF CONCRETE CURB AND GUTTER REPLACEMENT AT ALL LOCATIONS WHERE PCC SIDEWALK IS BEING CONSTRUCTED ALONG THE UNIVERSITY CIRCLE TURNAROUND.



LEGEND

-  HOT-MIX ASPHALT SURFACE COURSE
-  JOINT REPAIR (SPECIAL)
-  PORTLAND CEMENT CONCRETE SIDEWALK 8" (44000600)
-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A
-  DRAINAGE STRUCTURE TO BE ADJUSTED

MODEL: 44000600.dwg
FILE NAME: 7272021st-rb-r01.dwg



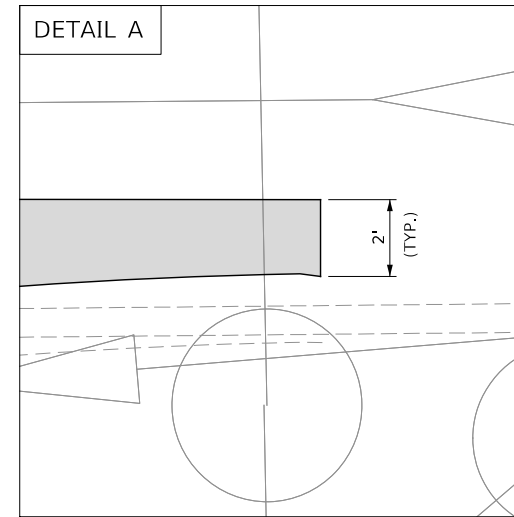
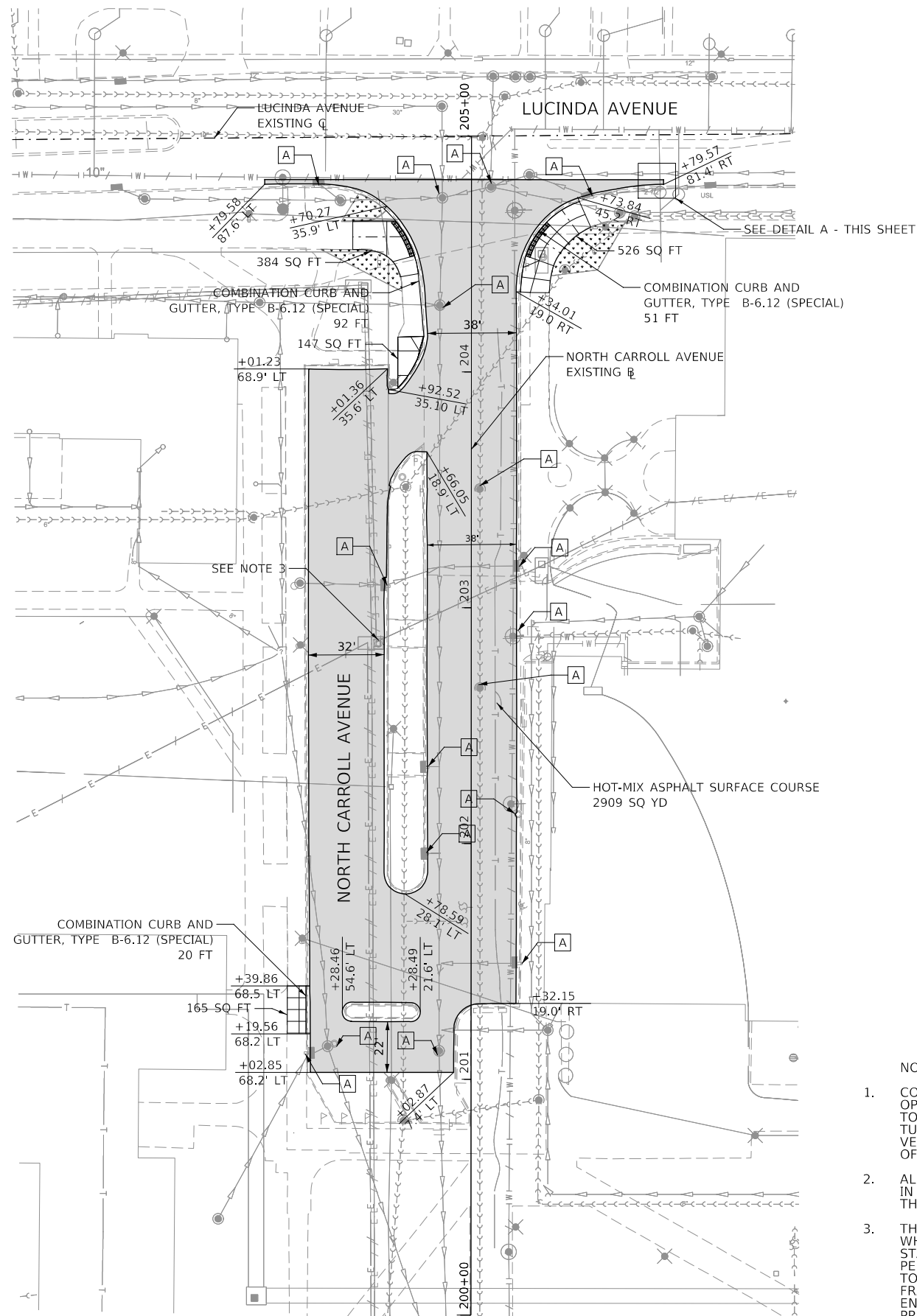
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	DATE - APRIL 2021	REVISED -

NORTHERN ILLINOIS UNIVERSITY

**PROPOSED IMPROVEMENTS
UNIVERSITY CIRCLE NORTH**

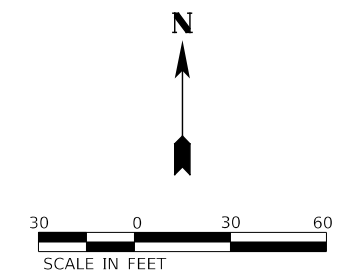
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FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	9
			CONTRACT NUMBER: 87754	
ILLINOIS				



NOTES:

1. CONTRACTOR SHALL PERFORM MILLING AND RESURFACING OPERATIONS WITH CARE TO PREVENT ANY DAMAGE TO EXISTING VEGETATION AND SIGNAGE ADJACENT TO TURNAROUND AREAS. DAMAGED SIGNS AND/OR VEGETATION SHALL BE REPLACED IN-KIND AT THE EXPENSE OF THE CONTRACTOR.
2. ALL TOPSOIL SEEDING AND LANDSCAPING SHALL BE PREPARED IN ACCORDANCE WITH ARTICLES 250.04 THROUGH 250.07 OF THE IDOT STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS WHEN WORKING AROUND THE UTILITY STRUCTURE LOCATED AT STA 202+84.73, OFFSET 39.36 LT. THE CONTRACTOR SHALL PERFORM MILLING AND RESURFACING AROUND THE UTILITY AS TO NOT DAMAGE THE EXISTING STRUCTURE AND CAST IN PLACE FRAME AND GRATE. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE LIMITS OF HIS WORK AROUND THIS STRUCTURE PRIOR TO THE MILLING OPERATION.



LEGEND

- HOT-MIX ASPHALT SURFACE COURSE
- PORTLAND CEMENT CONCRETE SIDEWALK 8" (44000600)
- DRAINAGE STRUCTURE TO BE ADJUSTED
- JOINT REPAIR (SPECIAL)
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A

MODEL: 44000600.dwg
FILE NAME: 727201-sh-rb-r02.dwg

KNIGHT
Engineers & Architects

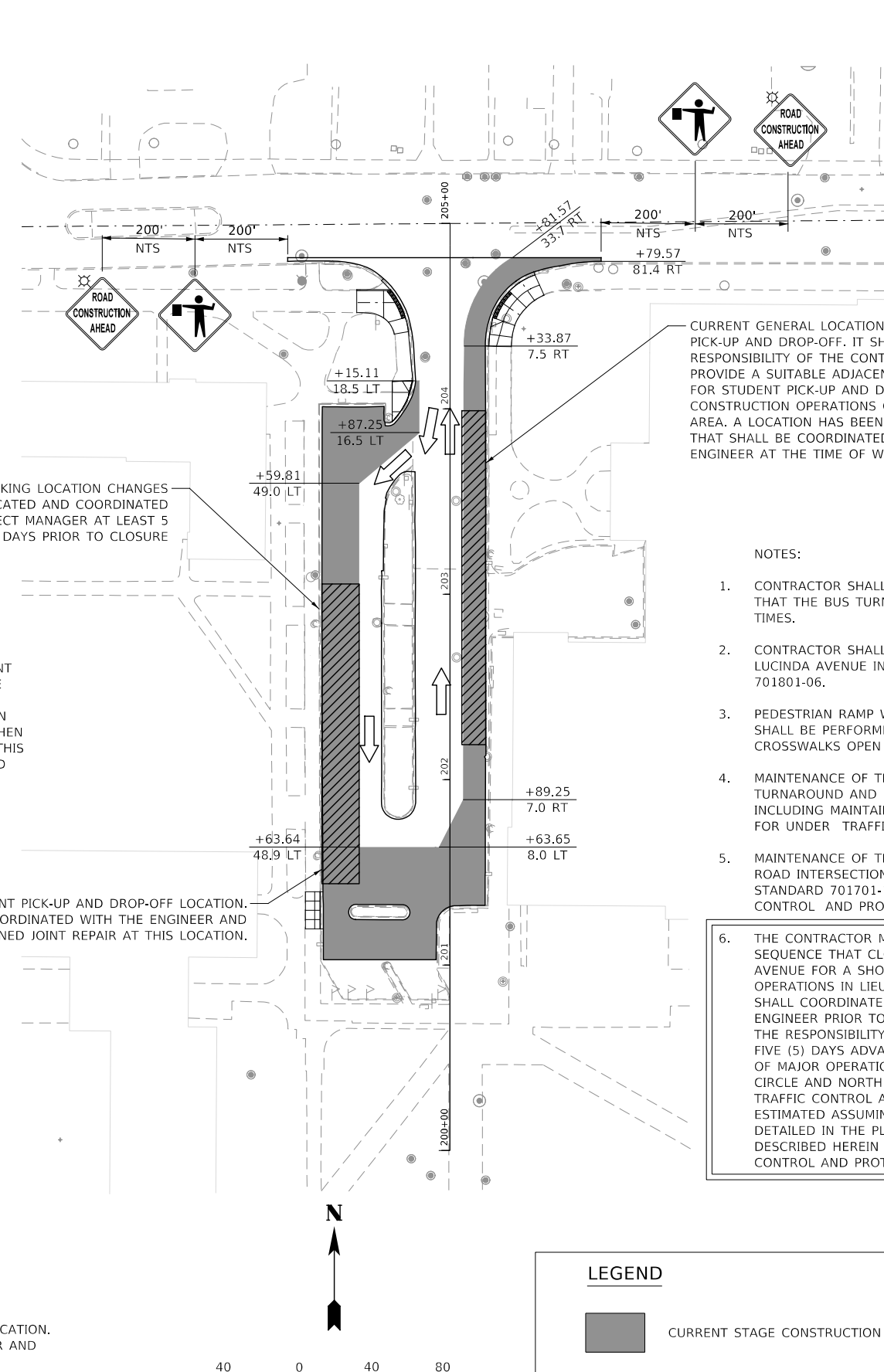
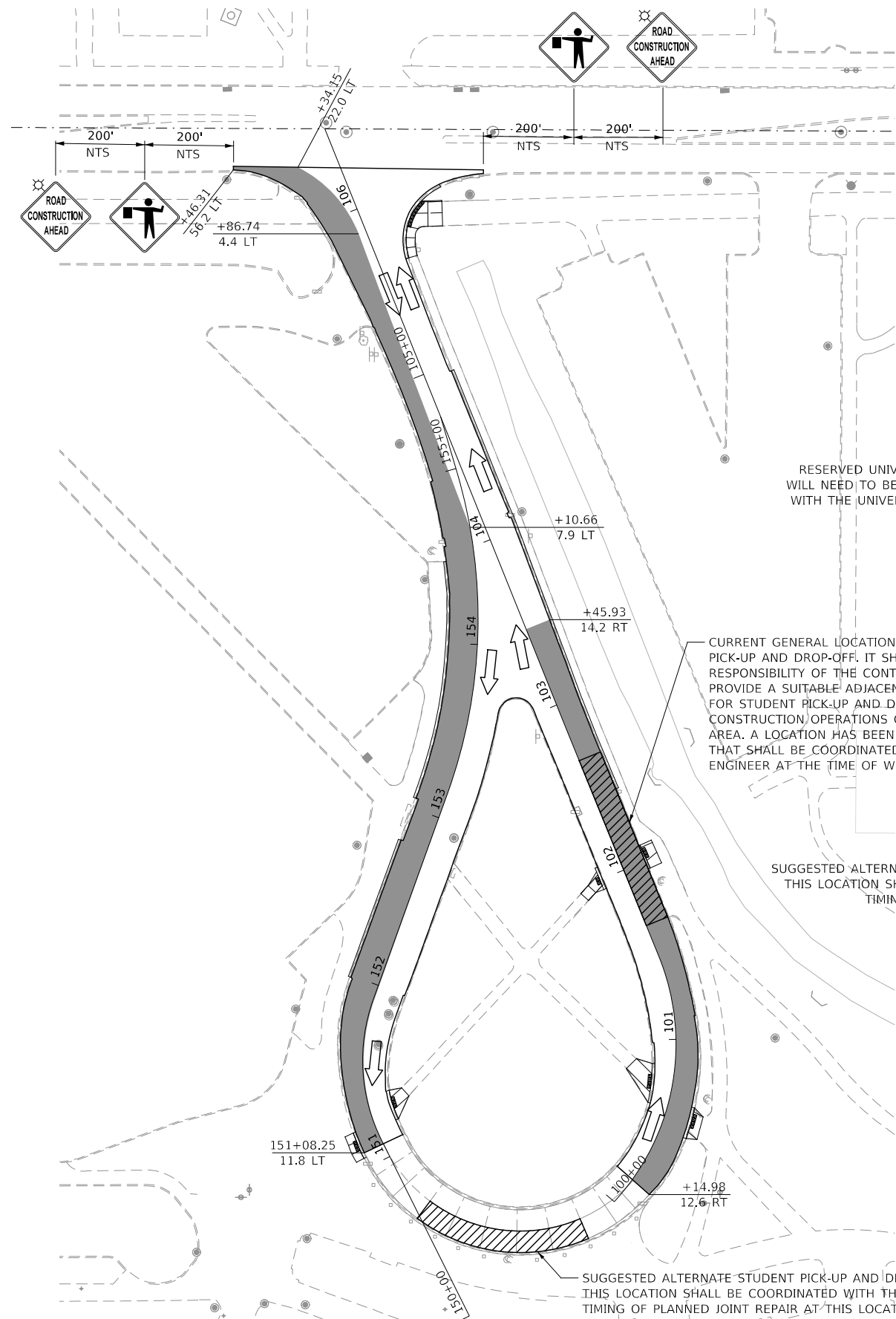
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	DATE - APRIL 2021	REVISED -

NORTHERN ILLINOIS UNIVERSITY

**PROPOSED IMPROVEMENTS
NORTH CARROLL AVENUE**

SCALE: AS SHOWN SHEET 2 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-0003-00-PV	DeKalb	31	10
			CONTRACT NUMBER: 87754	
ILLINOIS				



RESERVED UNIVERSITY PARKING LOCATION CHANGES WILL NEED TO BE COMMUNICATED AND COORDINATED WITH THE UNIVERSITY PROJECT MANAGER AT LEAST 5 DAYS PRIOR TO CLOSURE

CURRENT GENERAL LOCATION OF STUDENT PICK-UP AND DROP-OFF. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A SUITABLE ADJACENT LOCATION FOR STUDENT PICK-UP AND DROP-OFF WHEN CONSTRUCTION OPERATIONS OBSTRUCT THIS AREA. A LOCATION HAS BEEN SUGGESTED THAT SHALL BE COORDINATED WITH THE ENGINEER AT THE TIME OF WORK.

SUGGESTED ALTERNATE STUDENT PICK-UP AND DROP-OFF LOCATION. THIS LOCATION SHALL BE COORDINATED WITH THE ENGINEER AND TIMING OF PLANNED JOINT REPAIR AT THIS LOCATION.

SUGGESTED ALTERNATE STUDENT PICK-UP AND DROP-OFF LOCATION. THIS LOCATION SHALL BE COORDINATED WITH THE ENGINEER AND TIMING OF PLANNED JOINT REPAIR AT THIS LOCATION.

CURRENT GENERAL LOCATION OF STUDENT PICK-UP AND DROP-OFF. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A SUITABLE ADJACENT LOCATION FOR STUDENT PICK-UP AND DROP-OFF WHEN CONSTRUCTION OPERATIONS OBSTRUCT THIS AREA. A LOCATION HAS BEEN SUGGESTED THAT SHALL BE COORDINATED WITH THE ENGINEER AT THE TIME OF WORK.

NOTES:

1. CONTRACTOR SHALL PERFORM WORK IN SUCH MANNER THAT THE BUS TURNAROUND REMAINS OPEN TO TRAFFIC AT ALL TIMES.
2. CONTRACTOR SHALL MAINTAIN PEDESTRIAN TRAFFIC ALONG LUCINDA AVENUE IN ACCORDANCE WITH IDOT STANDARD 701801-06.
3. PEDESTRIAN RAMP WORK IN THE AREA OF THE TURNAROUND SHALL BE PERFORMED IN A MANNER TO MAINTAIN THREE CROSSWALKS OPEN AT ALL TIMES.
4. MAINTENANCE OF TRAFFIC FOR THE UNIVERSITY CIRCLE TURNAROUND AND FOR THE CARROLL AVENUE TURNAROUND INCLUDING MAINTAINING THE PEDESTRIAN TRAFFIC WILL BE PAID FOR UNDER TRAFFIC CONTROL AND PROTECTION (SPECIAL).
5. MAINTENANCE OF TRAFFIC FOR THE LUCINDA AVENUE & NORMAL ROAD INTERSECTION SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701701-10 AND WILL BE PAID FOR UNDER "TRAFFIC CONTROL AND PROTECTION, STANDARD 701701"
6. THE CONTRACTOR MAY IMPLEMENT AN ALTERNATE CONSTRUCTION SEQUENCE THAT CLOSES UNIVERSITY CIRCLE AND NORTH CARROLL AVENUE FOR A SHORT DURATION DURING MILLING AND RESURFACING OPERATIONS IN LIEU OF STAGING AT EACH LOCATION. THE CONTRACTOR SHALL COORDINATE ANY SEQUENCING ALTERNATE WITH NIU AND THE ENGINEER PRIOR TO THE START OF CONSTRUCTION. IT SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A MINIMUM OF FIVE (5) DAYS ADVANCE NOTICE TO NIU AND ENGINEER FOR THE START OF MAJOR OPERATIONS (PATCHING, MILLING, RESURFACING) AT UNIVERSITY CIRCLE AND NORTH CARROLL AVENUE. THE BASIS OF PAYMENT FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND UNIT COST SHALL BE ESTIMATED ASSUMING STAGING OPERATIONS WILL BE IMPLEMENTED AS DETAILED IN THE PLANS. IF ALTERNATE CONSTRUCTION SEQUENCING AS DESCRIBED HEREIN IS IMPLEMENTED THE METHOD OF PAYMENT, TRAFFIC CONTROL AND PROTECTION (SPECIAL), WILL REMAIN THE SAME.

LEGEND

- CURRENT STAGE CONSTRUCTION AREA
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE

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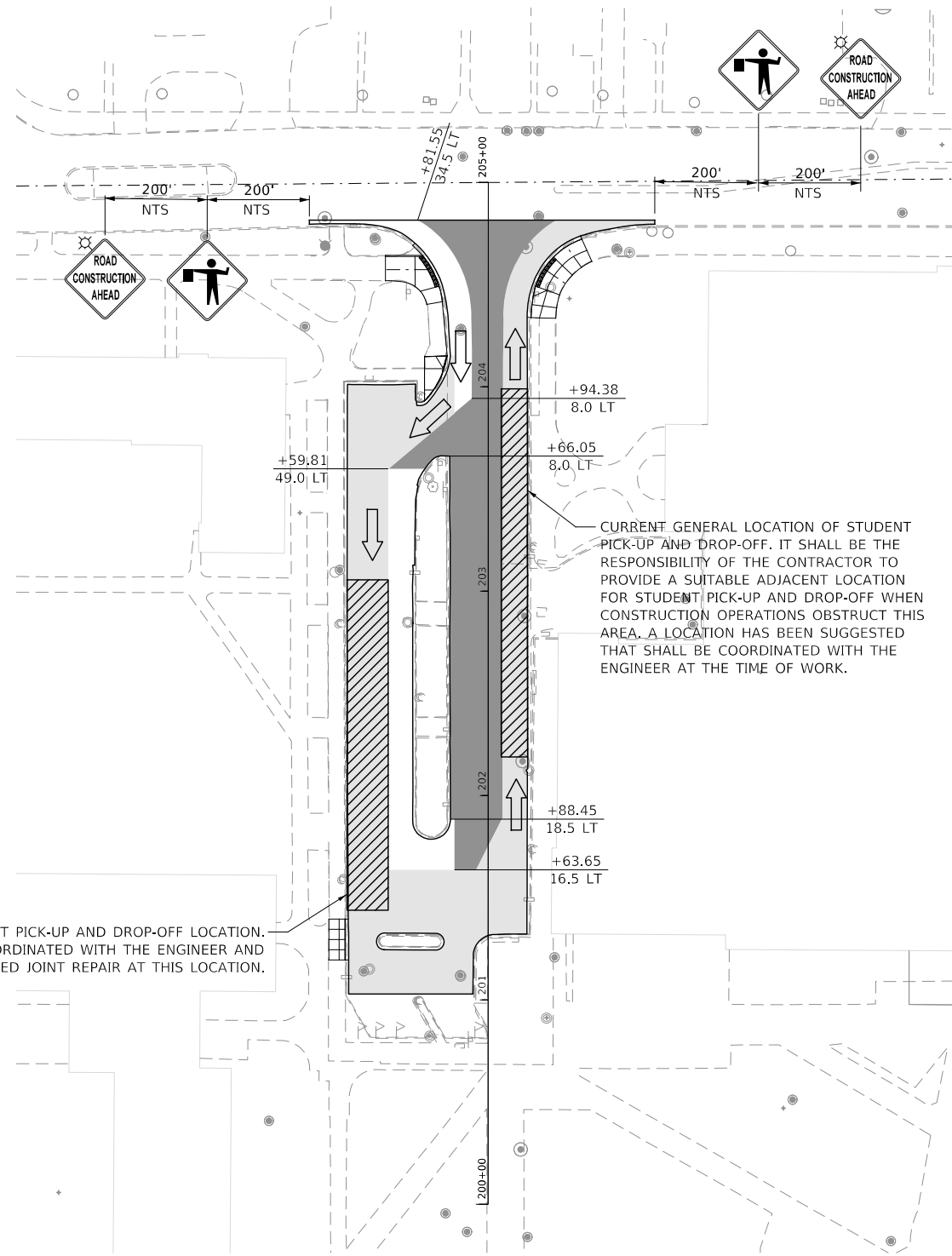
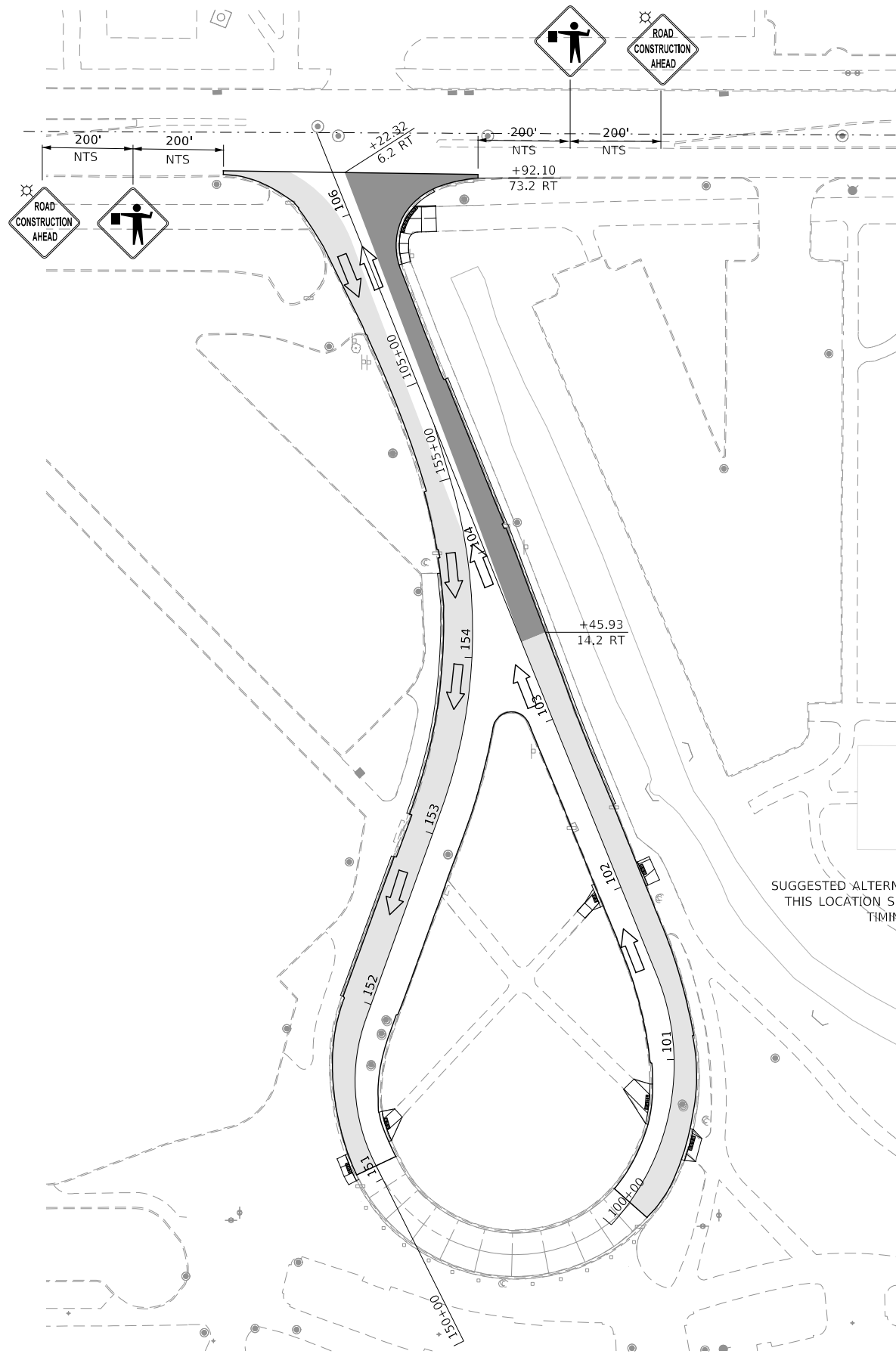
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	DATE - APRIL 2021	REVISED -

NORTHERN ILLINOIS UNIVERSITY

MILLING AND RESURFACING SEQUENCE
STAGE 1 UNIVERSITY CIRCLE AND NORTH CARROLL AVENUE

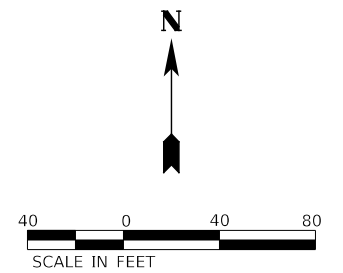
SCALE: AS SHOWN SHEET 1 OF 1 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	11
CONTRACT NUMBER: 87754				
ILLINOIS				



SUGGESTED ALTERNATE STUDENT PICK-UP AND DROP-OFF LOCATION. THIS LOCATION SHALL BE COORDINATED WITH THE ENGINEER AND TIMING OF PLANNED JOINT REPAIR AT THIS LOCATION.

CURRENT GENERAL LOCATION OF STUDENT PICK-UP AND DROP-OFF. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A SUITABLE ADJACENT LOCATION FOR STUDENT PICK-UP AND DROP-OFF WHEN CONSTRUCTION OPERATIONS OBSTRUCT THIS AREA. A LOCATION HAS BEEN SUGGESTED THAT SHALL BE COORDINATED WITH THE ENGINEER AT THE TIME OF WORK.



LEGEND

- CURRENT STAGE CONSTRUCTION AREA
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE

MODEL: 4400BELNAMES
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	DATE - APRIL 2021	REVISED -

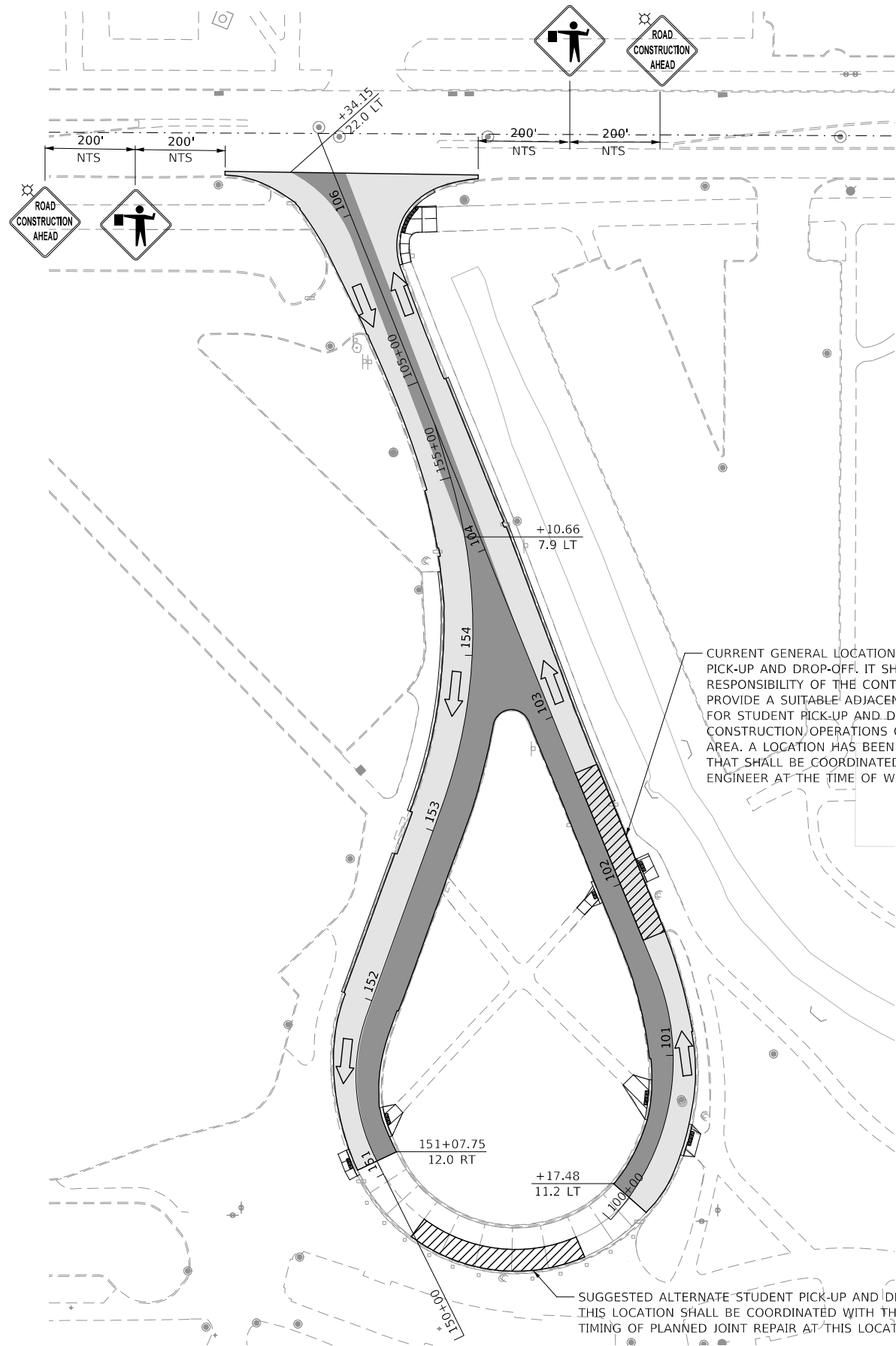
NORTHERN ILLINOIS UNIVERSITY

**MILLING AND RESURFACING SEQUENCE
STAGE 1a UNIVERSITY CIRCLE AND NORTH CARROLL AVENUE**

SCALE: AS SHOWN SHEET 1 OF 1 SHEETS

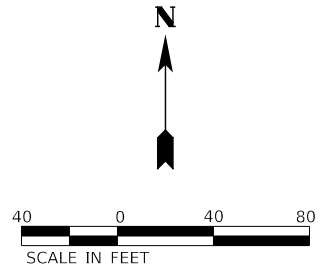
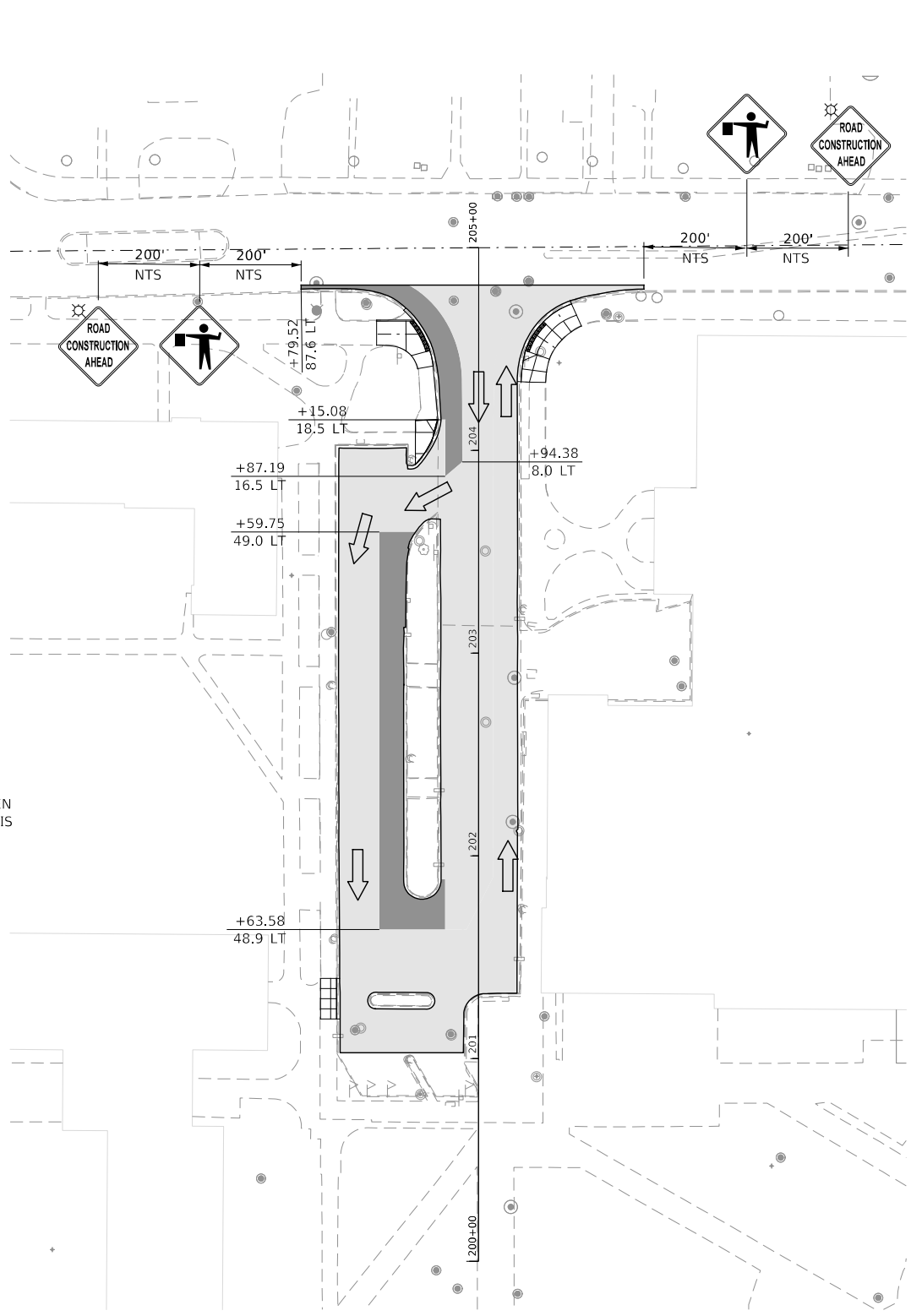
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-0003-00-PV	DeKalb	31	12
				CONTRACT NUMBER: 87754

ILLINOIS



CURRENT GENERAL LOCATION OF STUDENT PICK-UP AND DROP-OFF. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A SUITABLE ADJACENT LOCATION FOR STUDENT PICK-UP AND DROP-OFF WHEN CONSTRUCTION OPERATIONS OBSTRUCT THIS AREA. A LOCATION HAS BEEN SUGGESTED THAT SHALL BE COORDINATED WITH THE ENGINEER AT THE TIME OF WORK.

SUGGESTED ALTERNATE STUDENT PICK-UP AND DROP-OFF LOCATION. THIS LOCATION SHALL BE COORDINATED WITH THE ENGINEER AND TIMING OF PLANNED JOINT REPAIR AT THIS LOCATION.



LEGEND

- CURRENT STAGE CONSTRUCTION AREA
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE

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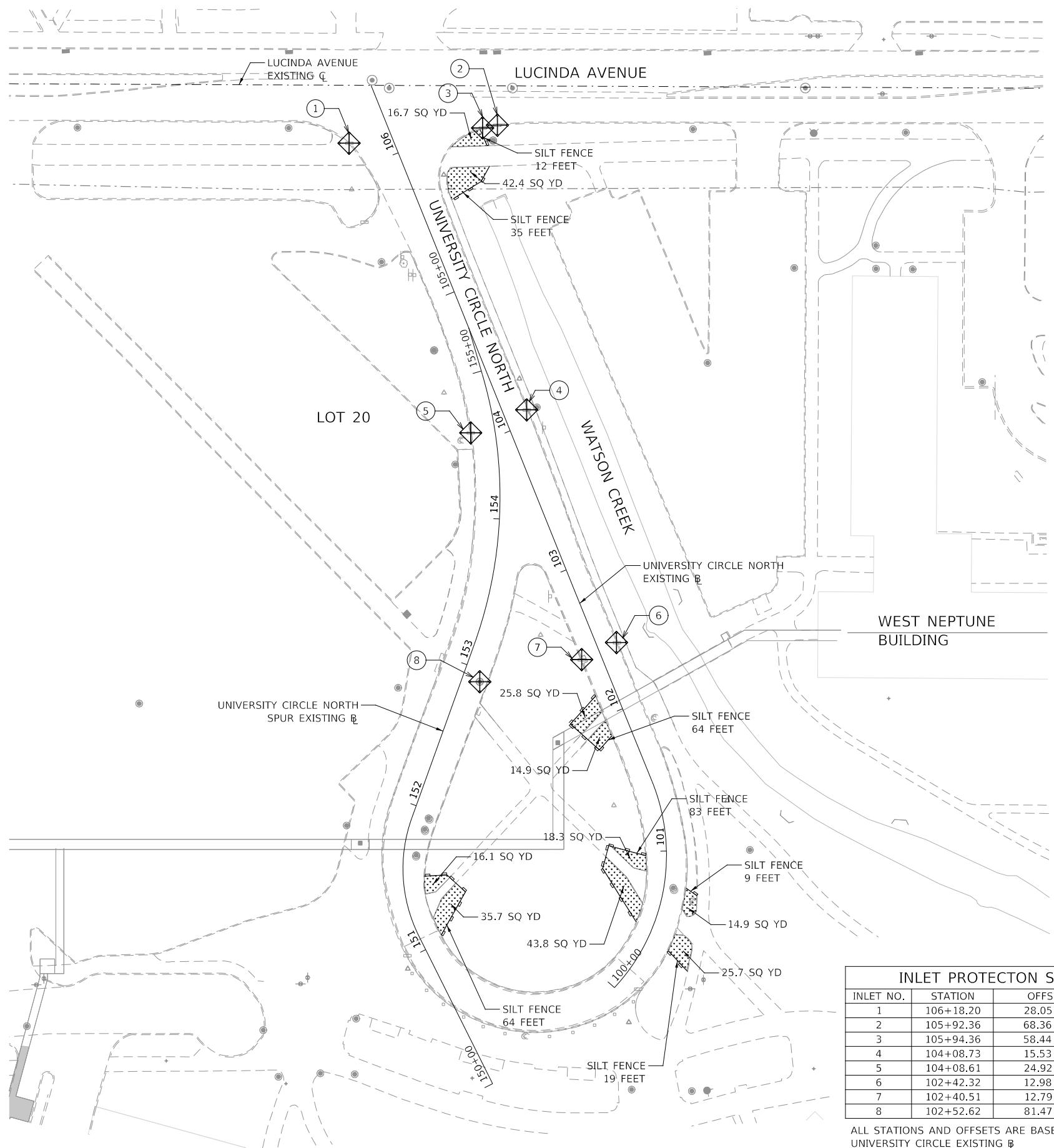
NORTHERN ILLINOIS UNIVERSITY

**MILLING AND RESURFACING SEQUENCE
STAGE 2 UNIVERSITY CIRCLE AND NORTH CARROLL AVENUE**

SCALE: AS SHOWN SHEET 1 OF 1 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-0003-00-PV	DeKalb	31	13
CONTRACT NUMBER: 87754				

ILLINOIS



NOTES:

1. WASTE DISPOSAL: THE SOLID WASTE MATERIALS INCLUDING TRASH, CONSTRUCTION DEBRIS, AND 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.
2. THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.
3. PERIMETER EROSION BARRIER SHALL BE INSTALLED AND FUNCTIONING PROPERLY PRIOR TO ANY EARTHWORK ACTIVITIES IN THE AREA. THE BARRIER SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
4. ALL STORM WATER STRUCTURES WITH OPEN LIDS (INCLUDING FLARED END SECTIONS) SHALL RECEIVE INLET AND PIPE PROTECTION MEASURES DETAILED IN THE PLAN. PROTECTION SHALL REMAIN UNTIL THE SITE IS PERMANENTLY STABILIZED.
5. INLET FILTER BASKETS SHALL BE INSTALLED ON ALL OPEN GRATE STORM SEWER STRUCTURES WITHIN PAVEMENT FOR EROSION AND SEDIMENT CONTROL. SEDIMENT CONTROL COIR ROLLS SHALL BE INSTALLED ON ALL OPEN GRATE STORM SEWERS LOCATED IN PVIOUS AREAS.
6. EROSION CONTROL BLANKET TYPE SHALL BE OF TYPE APPROVED BY THE ENGINEER.
7. PERIMETER EROSION BARRIER AND INLET PROTECTION SHALL BE INSTALLED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION HIGHWAY STANDARD 200001-07.
8. ALL EXCAVATED MATERIAL STOCKPILED ON-SITE SHALL BE PROTECTED FROM EROSION BY THE INSTALLATION OF PERIMETER EROSION BARRIER AROUND THE PERIMETER OF THE STOCKPILE AT THE LOCATION DESIGNATED BY THE CONTRACTOR. THE MAXIMUM SIDE SLOPES OF THE STOCKPILE SHALL NOT EXCEED A 2:1 SLOPE. WATERING OR PLACEMENT OF EROSION CONTROL BLANKETS SHALL BE APPLIED FOR DUST CONTROL.
9. ALL TEMPORARY EROSION CONTROL ELEMENTS INCLUDING BUT NOT LIMITED TO PERIMETER EROSION BARRIER, INLET PROTECTION, AND TEMPORARY SEEDING SHALL BE INSTALLED AS SPECIFIED IN SECTION 280 "TEMPORARY EROSION CONTROL" OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016 (STANDARD SPECIFICATIONS) AND SHALL BE IN ACCORDANCE WITH NPDES GENERAL PERMIT NO. ILR10 AND THE "ILLINOIS URBAN MANUAL".
10. THE CONTRACTOR SHALL BE RESPONSIBLE TO PREVENT DUST FROM BEING GENERATED BY CONSTRUCTION OPERATIONS ON THE SITE BY WATERING ALL SURFACES WHERE VEGETATION HAS BEEN REMOVED. WATER SHALL BE APPLIED DAILY OR AT INTERVALS REQUIRED TO EFFECTIVELY CONTROL DUST. DO NOT OVER WATER EXPOSED AREAS FOR THIS MAY CREATE SOIL EROSION.
11. ACCESS PERMITS AS REQUIRED BY THE COUNTY AND/OR LOCAL MUNICIPALITY FOR ENTRY FROM THE PUBLIC WAYS SHALL BE OBTAINED. LOCATION OF AGGREGATE ENTRANCE SHOWN HERE IS SCHEMATIC ONLY. THE ACTUAL LOCATION SHALL BE DETERMINED BY THE CONTRACTOR WITH APPROVAL FROM THE COUNTY AND/OR LOCAL MUNICIPALITY.
12. INLET PROTECTION: THE INLET PROTECTION SHALL BE INSPECTED FREQUENTLY AND SHALL BE REPAIRED OR REMOVED AND REPLACED AS NEEDED.
13. SOIL STORAGE PILES CONTAINING MORE THAN 10 CY OF MATERIAL SHALL NOT BE LOCATED WITH A DOWN SLOPE DRAINAGE LENGTH LESS THAN 25 FEET TO A ROADWAY OR DRAINAGE CHANNEL. FILTER BARRIERS, INCLUDING STRAW BALES, FILTER FENCE, OR EQUIVALENT, SHALL BE INSTALLED IMMEDIATELY ON THE DOWN SLOPE OF THE PILES.
14. THE CONTRACTOR OR CONTRACTOR'S EROSION CONTROL REPRESENTATIVE SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN FINALLY STABILIZED. STRUCTURAL CONTROL MEASURES AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.



INLET PROTECTON SCHEDULE			
INLET NO.	STATION	OFFSET	ELEVATION
1	106+18.20	28.05 LT	851.91
2	105+92.36	68.36 RT	852.15
3	105+94.36	58.44 RT	852.23
4	104+08.73	15.53 RT	853.63
5	104+08.61	24.92 LT	853.73
6	102+42.32	12.98 RT	852.88
7	102+40.51	12.79 LT	853.05
8	102+52.62	81.47 LT	855.41

ALL STATIONS AND OFFSETS ARE BASED OFF OF UNIVERSITY CIRCLE EXISTING

LEGEND

- EROSION CONTROL BLANKET
- INLET PROTECTION
- SILT FENCE

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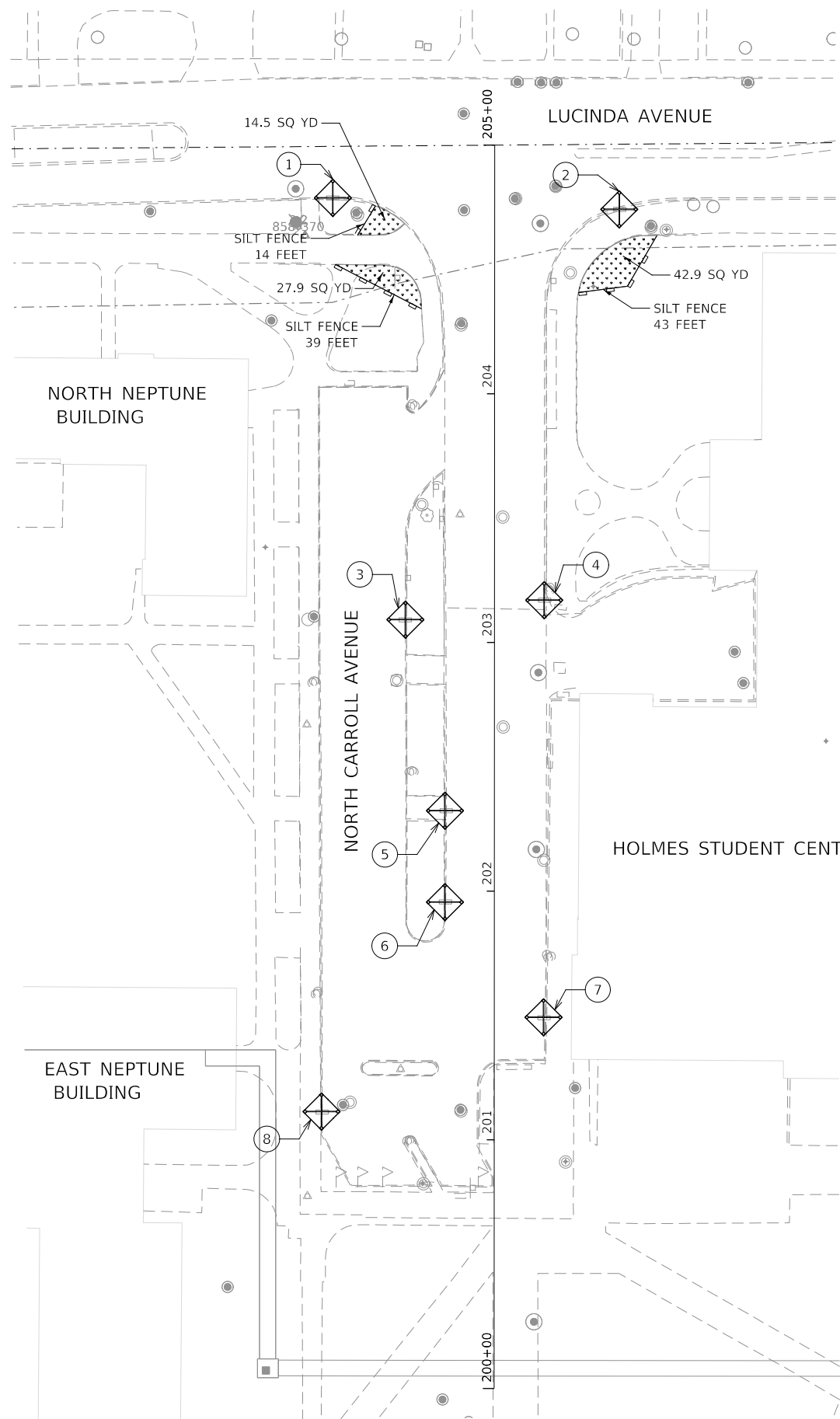
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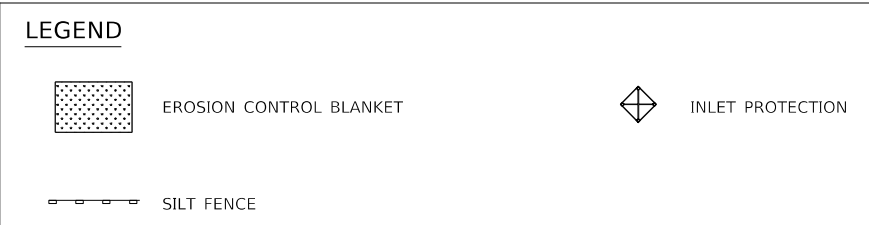
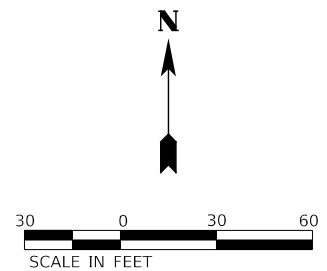
**SOIL EROSION AND SEDIMENT CONTROL PLANS
UNIVERSITY CIRCLE NORTH**

SCALE: AS SHOWN SHEET 1 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	14
			CONTRACT NUMBER: 87754	
ILLINOIS				



INLET PROTECTON SCHEDULE			
INLET NO.	STATION	OFFSET	ELEVATION
1	204+78.79	65.22' LT	855.94
2	204+74.16	50.13' RT	855.89
3	203+09.13	35.88' LT	853.54
4	203+17.02	20.01' RT	853.65
5	202+32.47	19.79' LT	852.96
6	201+95.66	19.77' LT	852.67
7	201+49.15	19.92' RT	852.72
8	201+11.19	69.36' LT	852.38



MODEL: 4400BELNAMES
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KNIGHT
Engineers & Architects

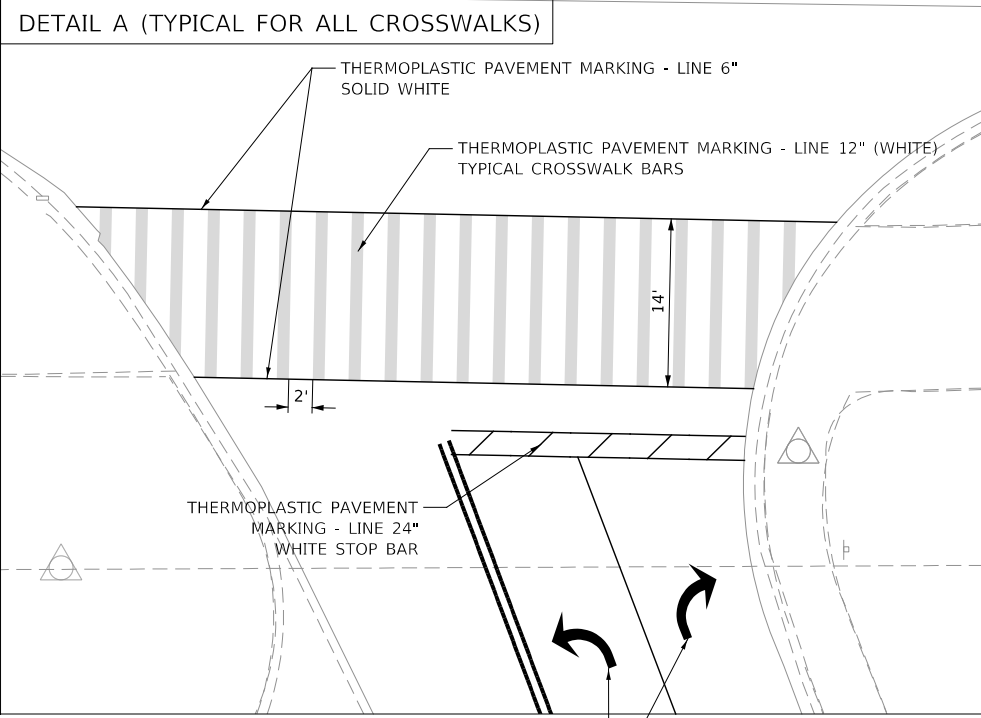
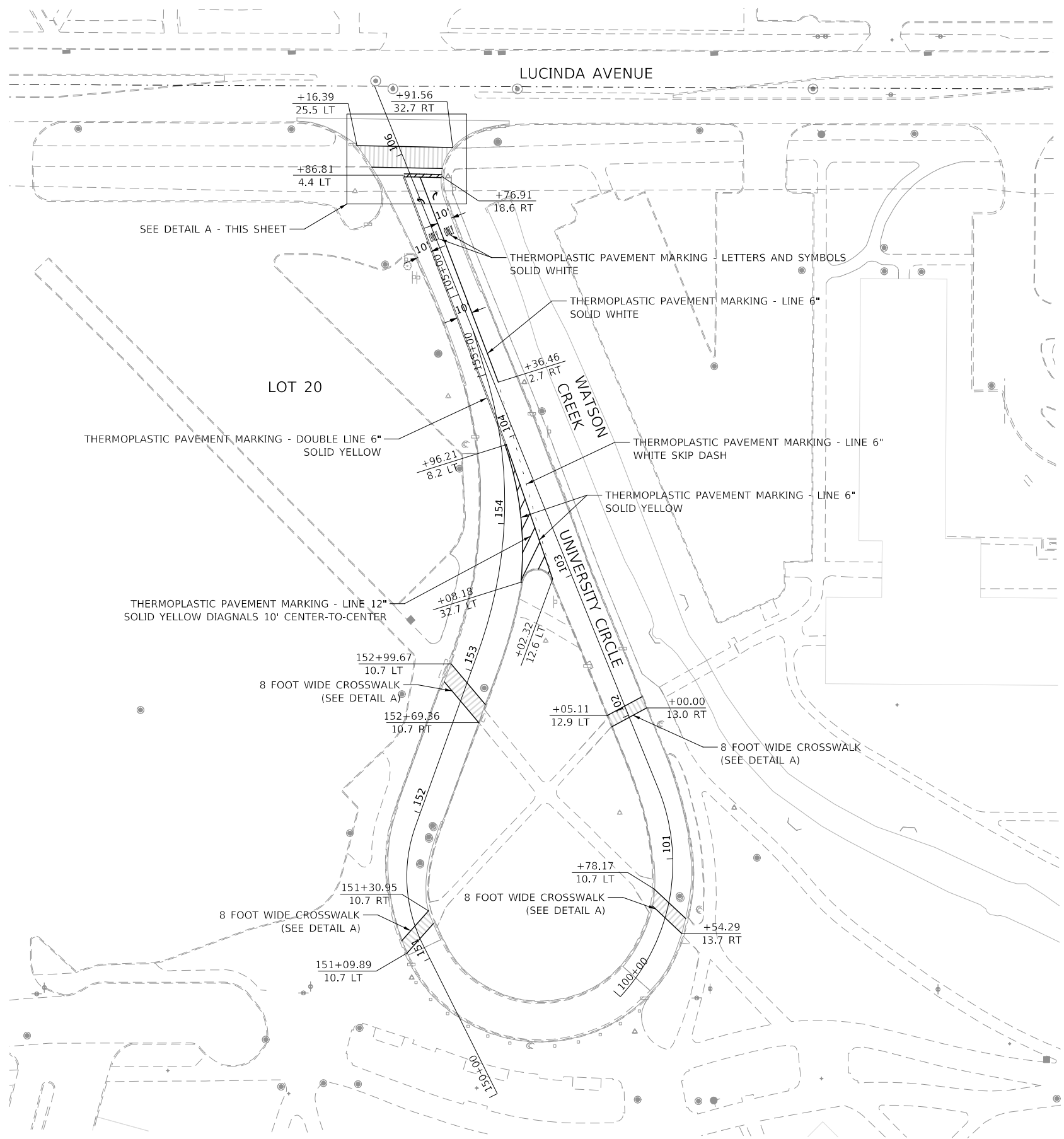
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NORTHERN ILLINOIS UNIVERSITY

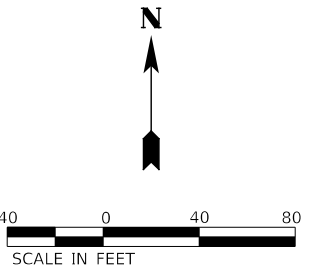
**SOIL EROSION AND SEDIMENT CONTROL PLANS
NORTH CARROLL AVENUE**

SCALE: AS SHOWN SHEET 2 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-0003-00-PV	DeKalb	31	15
			CONTRACT NUMBER: 87754	
ILLINOIS				



THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS SOLID WHITE



MODEL: 4400BELNAMES
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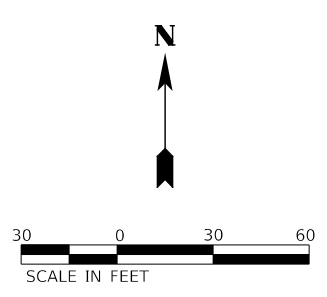
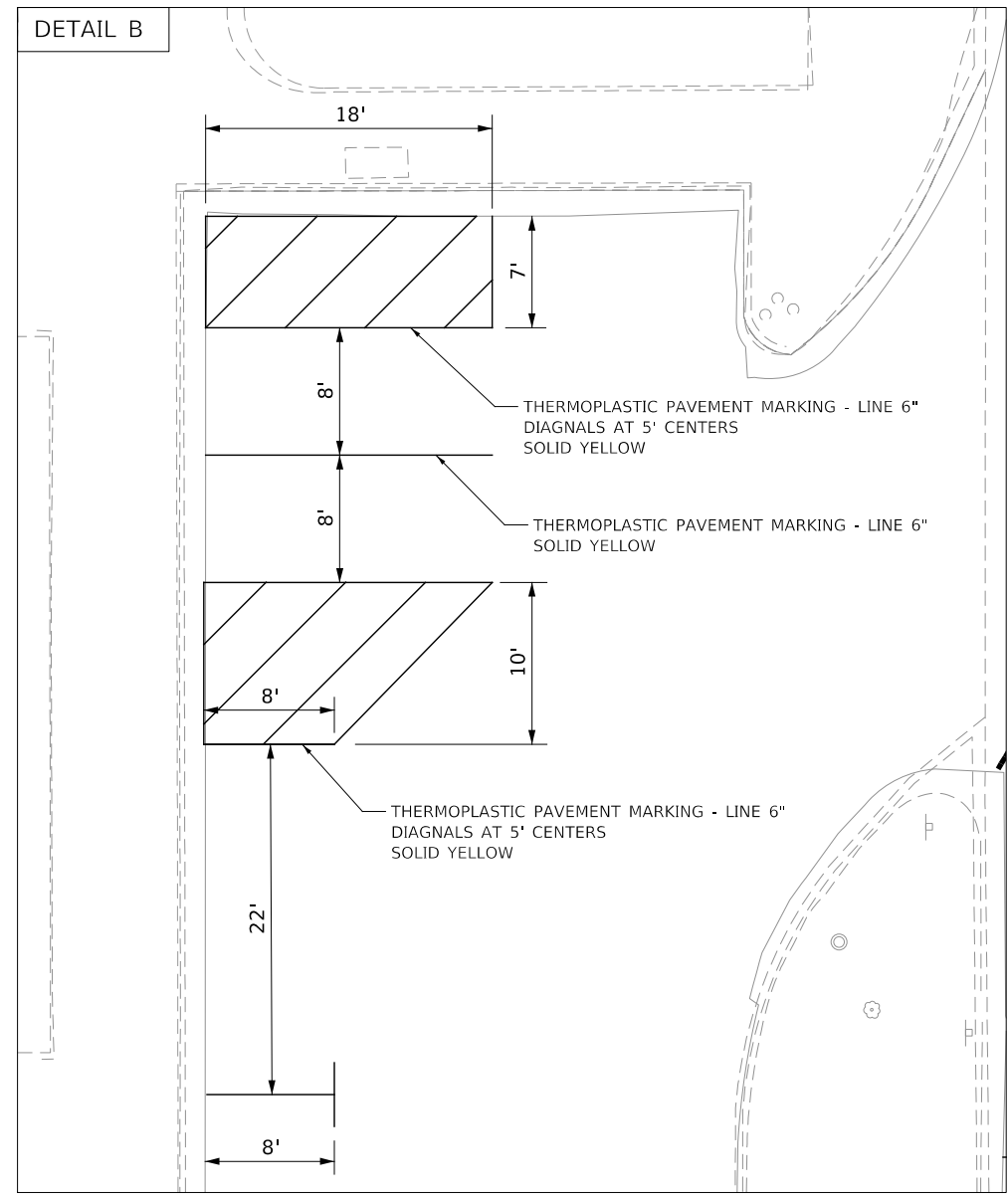
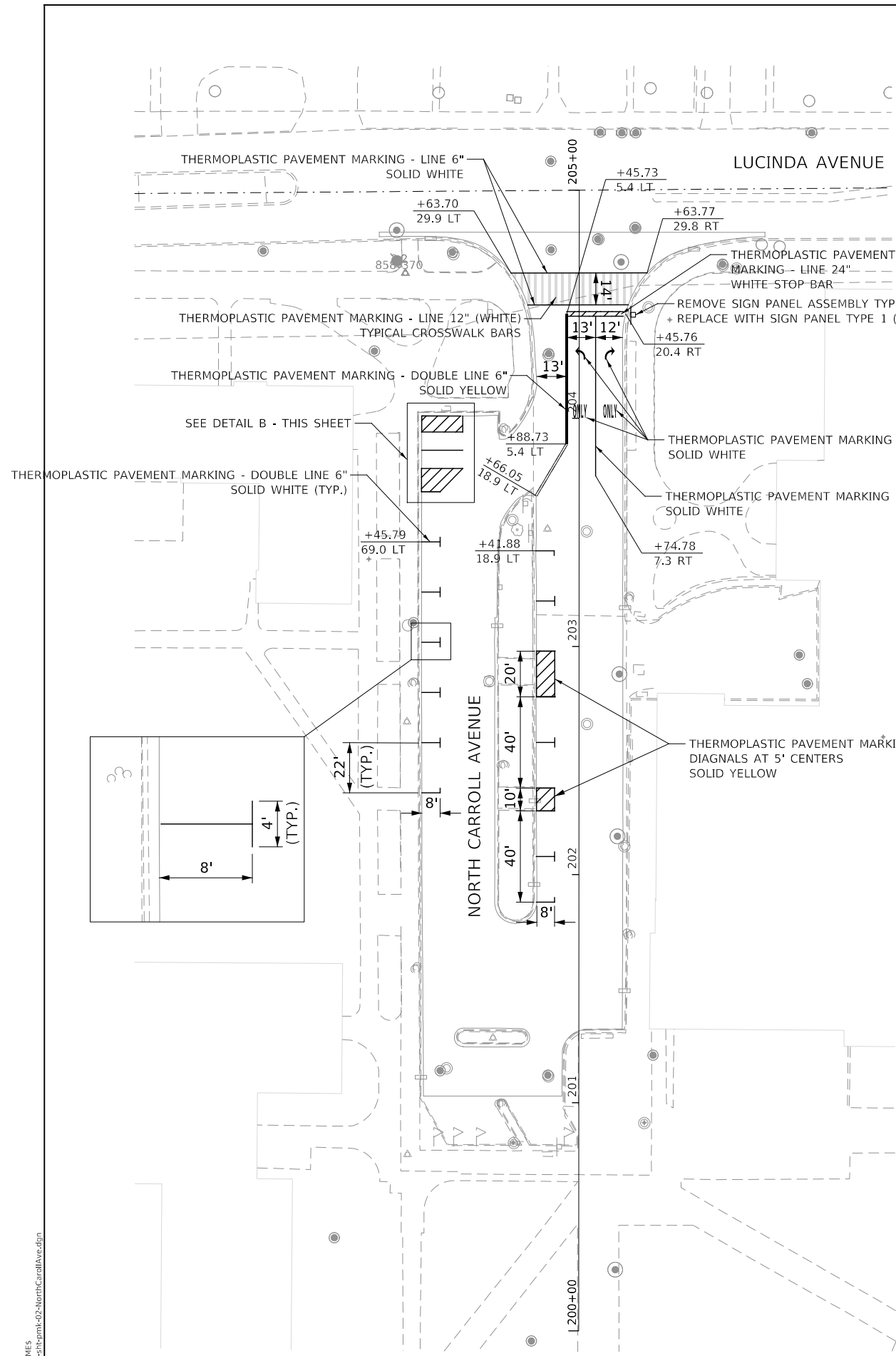
NORTHERN ILLINOIS UNIVERSITY

**PAVEMENT MARKING PLANS
UNIVERSITY CIRCLE NORTH**

SCALE: AS SHOWN SHEET 2 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-0003-00-PV	DeKalb	31	16
				CONTRACT NUMBER: 87754

ILLINOIS



MODEL: 4400BELNAMES
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	DATE - APRIL 2021	REVISED -

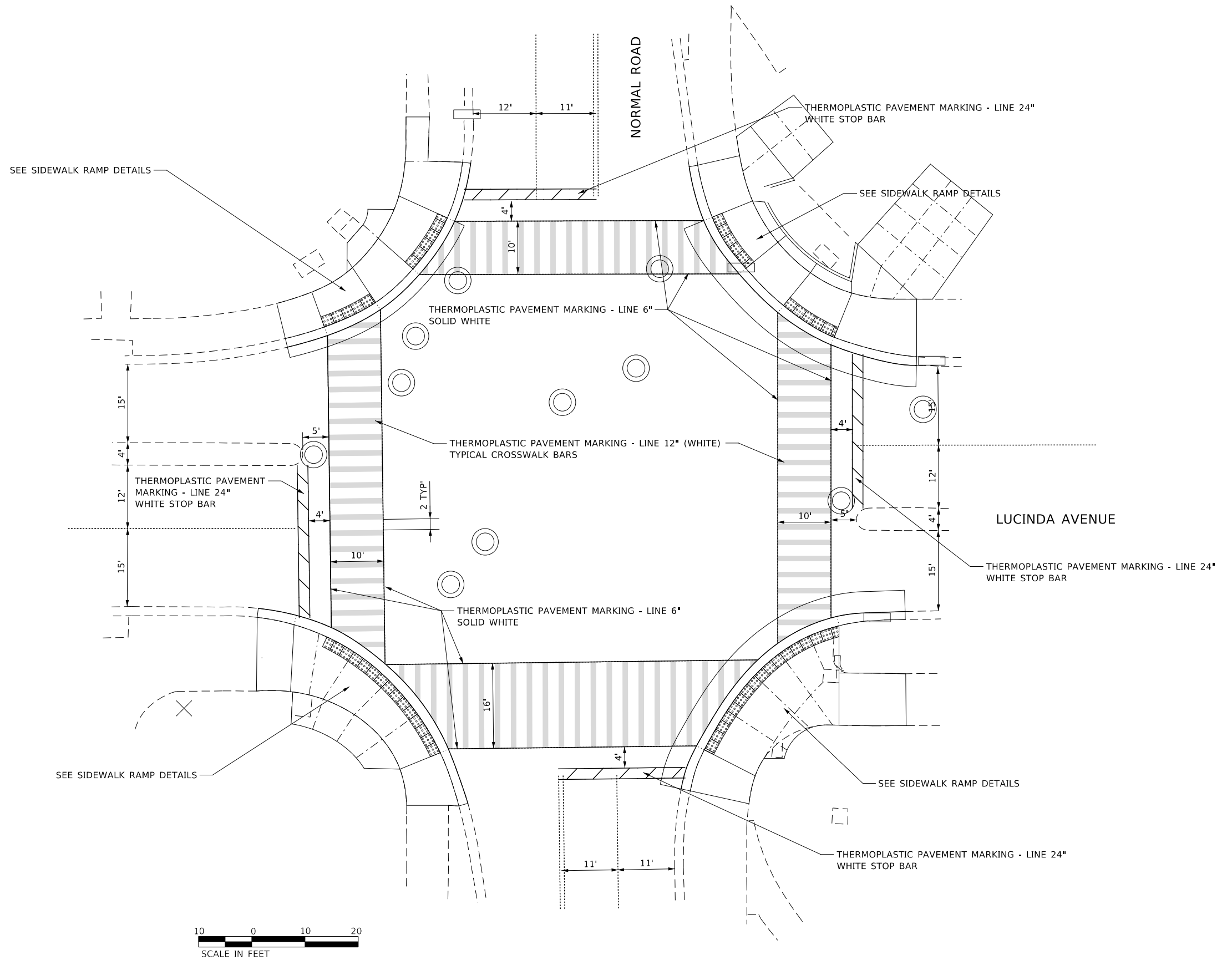
NORTHERN ILLINOIS UNIVERSITY

**PAVEMENT MARKING PLANS
NORTH CARROLL AVENUE**

SCALE: AS SHOWN SHEET 2 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	17
CONTRACT NUMBER: 87754				

ILLINOIS



MODEL: 4400BELNAMES
 FILE NAME: 727201c15pmk-03-Lucinda&Normal.dgn



USER NAME = ilugo	DESIGNED - PAS	REVISED -
	DRAWN - PAS	REVISED -
PLOT SCALE = 1:20	CHECKED - MJM	REVISED -
PLOT DATE = 6/1/2021	DATE -	REVISED -

NORTHERN ILLINOIS UNIVERSITY

**PAVEMENT MARKING PLANS
LUCINDA AVENUE AND NORMAL ROAD**

SCALE: AS SHOWN SHEET 1 OF 1 SHEETS

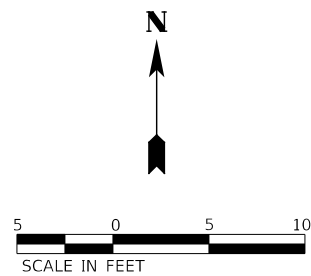
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-0003-00-PV	DeKalb	31	18
			CONTRACT NUMBER: 87754	

ILLINOIS

	STATION	OFFSET	ELEVATION
A	105+81.26	21.18' R	853.26
B	105+80.33	22.57' R	853.26
C	105+63.74	16.72' R	(854.53)
D	105+63.25	21.61' R	(854.55)
E	105+76.91	27.71' R	853.28
F	105+76.11	33.27' R	853.30
G	105+73.28	40.99' R	(853.46)
H	105+86.25	45.71' R	(852.93)
I	105+89.00	38.37' R	853.04
J	105+90.47	34.65' R	852.98
K	105+92.09	33.88' R	852.98
L	105+91.53	32.78' R	853.00

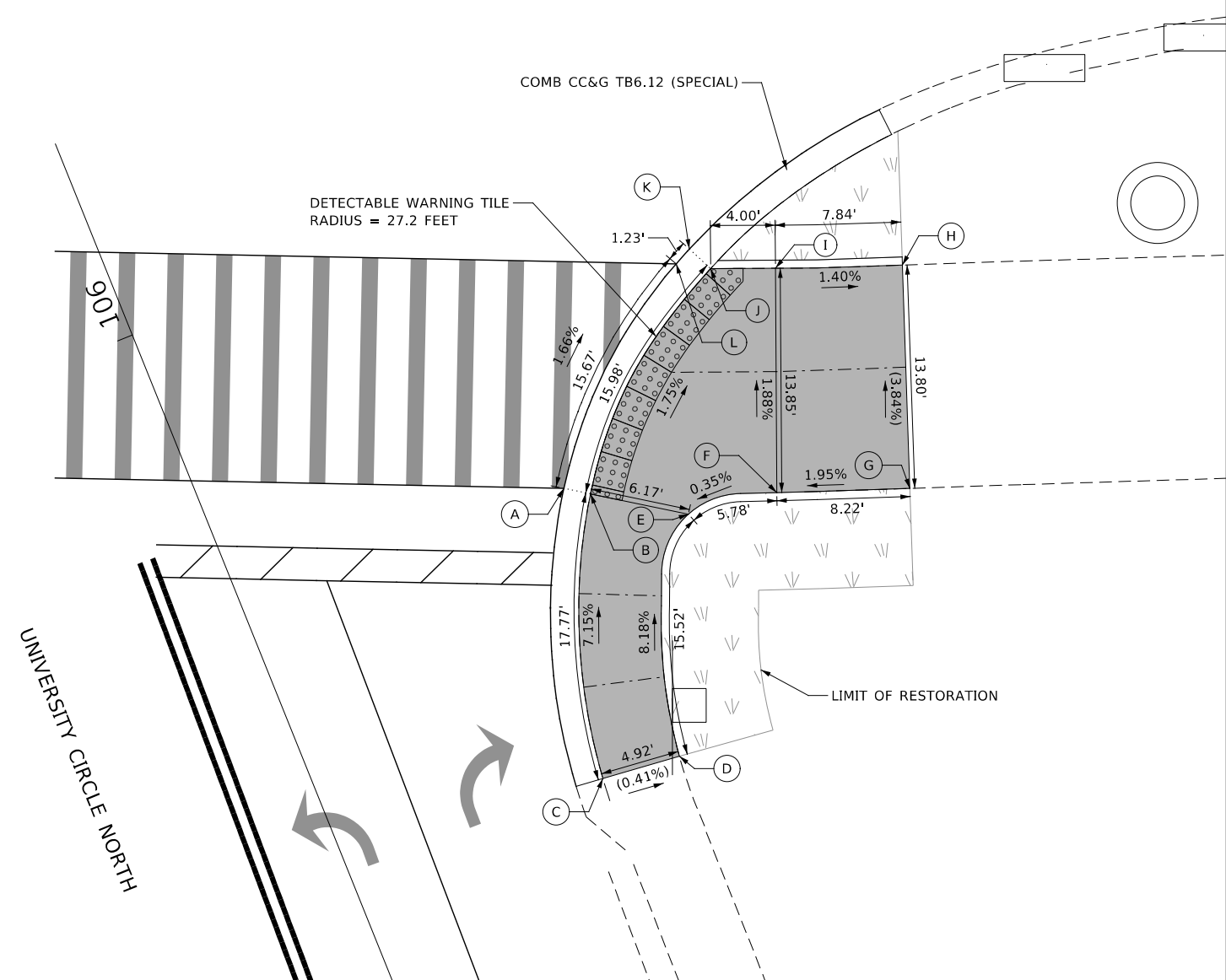
OTHER SIDEWALK SLOPES		
FROM POINT	TO POINT	SLOPE
I	J	1.50%
L	K	1.63%
E	B	0.32%

- NOTES**
- PRIOR TO THE REMOVAL OF SIDEWALK, THE CONTRACTOR SHALL SURVEY THE SIDEWALK ELEVATIONS AT LOCATIONS WHERE THE PROPOSED WORK WILL MEET EXISTING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF ANY DISCREPANCIES WITH THE ELEVATIONS SHOWN ARE ENCOUNTERED.
 - EXPANSION JOINT LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY LOCATIONS IN THE FIELD AND RECEIVE APPROVAL FROM THE RESIDENT ENGINEER.



LEGEND

- DETECTABLE WARNINGS
- EXISTING ELEVATION / SLOPE
- EXPANSION JOINT LOCATIONS
- PROPOSED SIDE CURB
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A



MODEL: 4400BELNAMES
FILE NAME: 7270701-ADSRampDetail.dwg

KNIGHT Engineers & Architects	USER NAME = ilugo	DESIGNED - PAS	REVISED -
	PLOT SCALE = 1:10	DRAWN - PAS	REVISED -
	PLOT DATE = 6/1/2021	CHECKED - LL	REVISED -
		DATE -	REVISED -

NORTHERN ILLINOIS UNIVERSITY

**SIDEWALK DETAIL PLAN
UNIVERSITY CIRCLE NORTH**

SCALE: AS SHOWN SHEET 1 OF 4 SHEETS

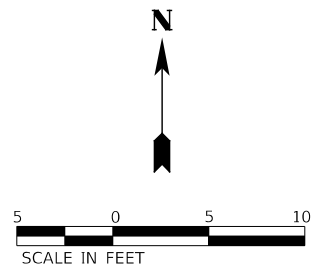
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	19
			CONTRACT NUMBER: 87754	
ILLINOIS				

	STATION	OFFSET	ELEVATION
A	151+19.41	18.04' L	(858.82)
B	151+15.10	18.03' L	(858.72)
C	151+10.56	18.37' L	(858.83)
D	151+05.44	18.15' L	(858.89)
E	151+05.54	13.42' L	(858.84)
F	151+09.86	13.42' L	858.58
G	151+17.39	12.94' L	858.46
H	151+19.85	12.94' L	(858.72)
I	151+09.89	11.77' L	(858.58)
J	151+17.92	11.43' L	(858.46)
K	151+30.97	11.43' R	(858.18)
L	151+23.98	11.77' R	(858.38)
M	151+17.84	13.62' R	(858.96)
N	151+24.63	13.32' R	858.44
O	151+32.45	13.18' R	858.18
P	151+37.31	13.20' R	(858.38)
Q	151+37.28	20.41' R	(858.31)
R	151+30.30	23.36' R	(858.52)

OTHER SIDEWALK SLOPES		
FROM POINT	TO POINT	SLOPE
B	G	4.53%
C	F	4.99%
Q	P	-0.97%
R	M	-2.92%

NOTES

1. PRIOR TO THE REMOVAL OF SIDEWALK, THE CONTRACTOR SHALL SURVEY THE SIDEWALK ELEVATIONS AT LOCATIONS WHERE THE PROPOSED WORK WILL MEET EXISTING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF ANY DISCREPANCIES WITH THE ELEVATIONS SHOWN ARE ENCOUNTERED.
2. EXPANSION JOINT LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY LOCATIONS IN THE FIELD AND RECEIVE APPROVAL FROM THE RESIDENT ENGINEER.

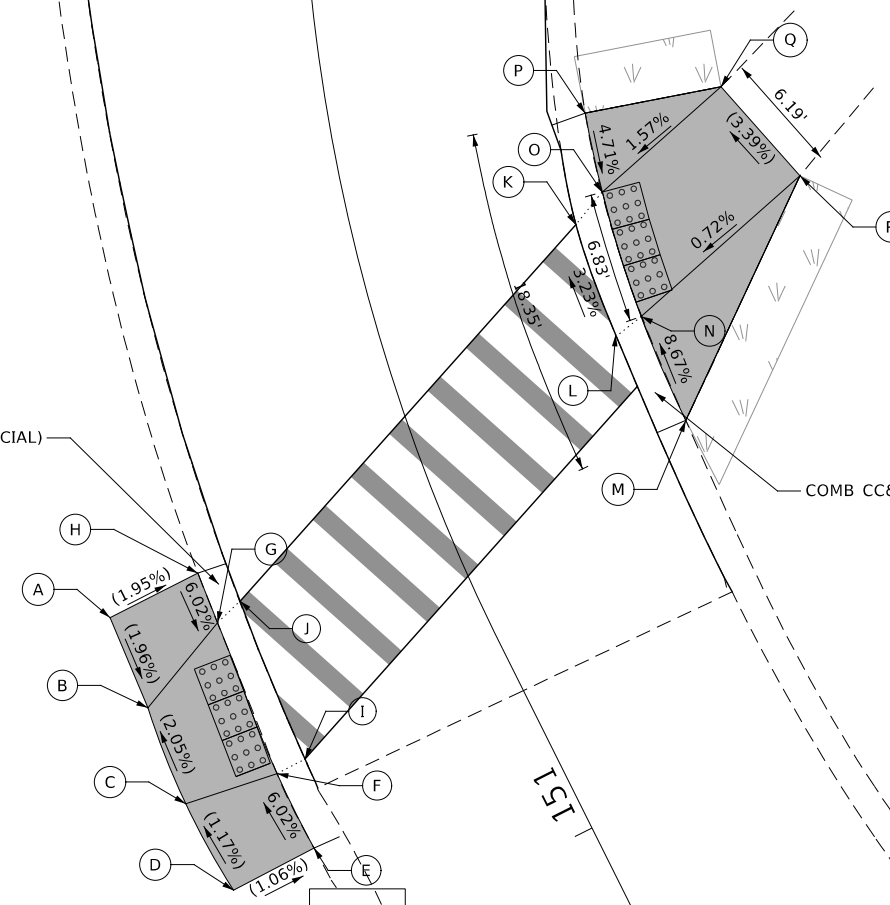


LEGEND

	DETECTABLE WARNINGS		PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
()	EXISTING ELEVATION / SLOPE		TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A
- - - -	EXPANSION JOINT LOCATIONS		
====	PROPOSED SIDE CURB		

COMB CC&G TB6.12 (SPECIAL)

COMB CC&G TB6.12 (SPECIAL)



MODEL: 44081.DWG
FILE NAME: 727201-11-AD-RampDetail.dwg



USER NAME = ilugo	DESIGNED - JM	REVISED -
PLOT SCALE = 1:10	DRAWN - JM	REVISED -
PLOT DATE = 6/1/2021	CHECKED - LL	REVISED -
	DATE -	REVISED -

NORTHERN ILLINOIS UNIVERSITY

**SIDEWALK DETAIL PLAN
UNIVERSITY CIRCLE NORTH**

SCALE: AS SHOWN SHEET 2 OF 4 SHEETS

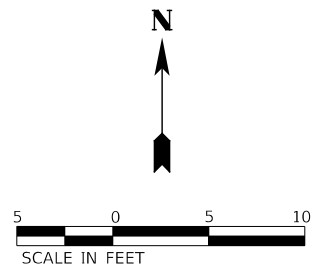
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-0003-00-PV	DeKalb	31	20
				CONTRACT NUMBER: 87754
ILLINOIS				

	STATION	OFFSET	ELEVATION
A	100+50.35	21.50' R	(856.12)
B	100+61.60	20.85' R	(855.86)
C	100+48.88	15.59' R	(856.35)
D	100+52.21	15.49' R	855.92
E	100+62.84	15.04' R	855.69
F	100+64.86	14.91' R	(855.83)
G	100+54.79	13.63' R	(855.92)
H	100+63.03	13.30' R	(855.69)
I	100+85.25	12.96' L	(855.59)
J	100+78.82	12.35' L	855.33
K	100+67.55	11.56' L	855.68
L	100+61.08	11.27' L	(856.29)
M	100+77.46	10.69' L	(855.33)
N	100+66.70	9.96' L	(855.68)
O	100+79.97	26.90' L	(856.17)
P	100+87.62	21.86' L	(855.72)

OTHER SIDEWALK SLOPES		
FROM POINT	TO POINT	SLOPE
A	C	(-3.74%)
B	F	(0.43%)
F	E	6.22%
P	I	(1.42%)
O	L	(-0.54%)

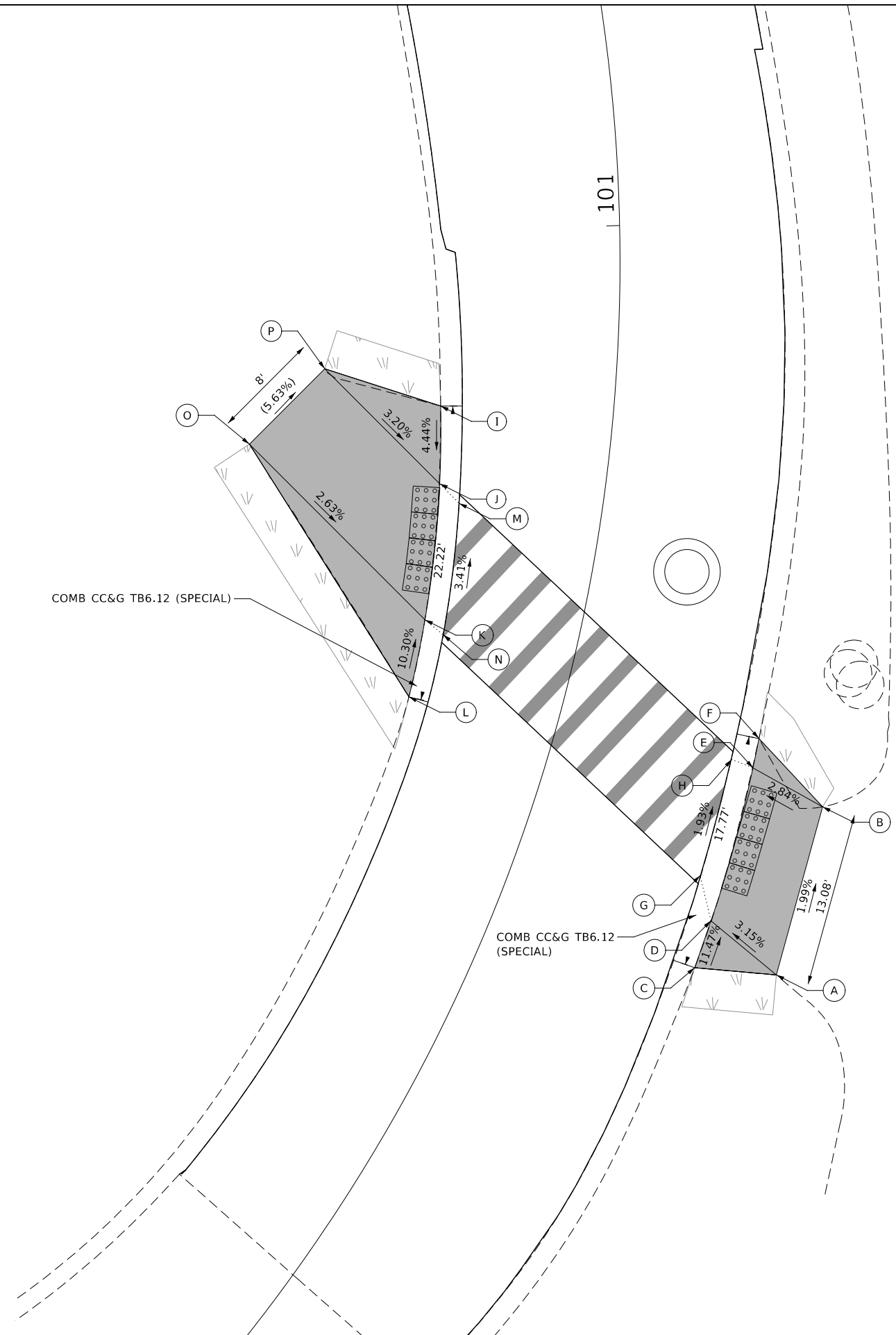
NOTES

- PRIOR TO THE REMOVAL OF SIDEWALK, THE CONTRACTOR SHALL SURVEY THE SIDEWALK ELEVATIONS AT LOCATIONS WHERE THE PROPOSED WORK WILL MEET EXISTING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF ANY DISCREPANCIES WITH THE ELEVATIONS SHOWN ARE ENCOUNTERED.
- EXPANSION JOINT LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY LOCATIONS IN THE FIELD AND RECEIVE APPROVAL FROM THE RESIDENT ENGINEER.



LEGEND

- DETECTABLE WARNINGS
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
- EXISTING ELEVATION / SLOPE
- EXPANSION JOINT LOCATIONS
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A
- PROPOSED SIDE CURB



MODEL: 4400BELNAMES
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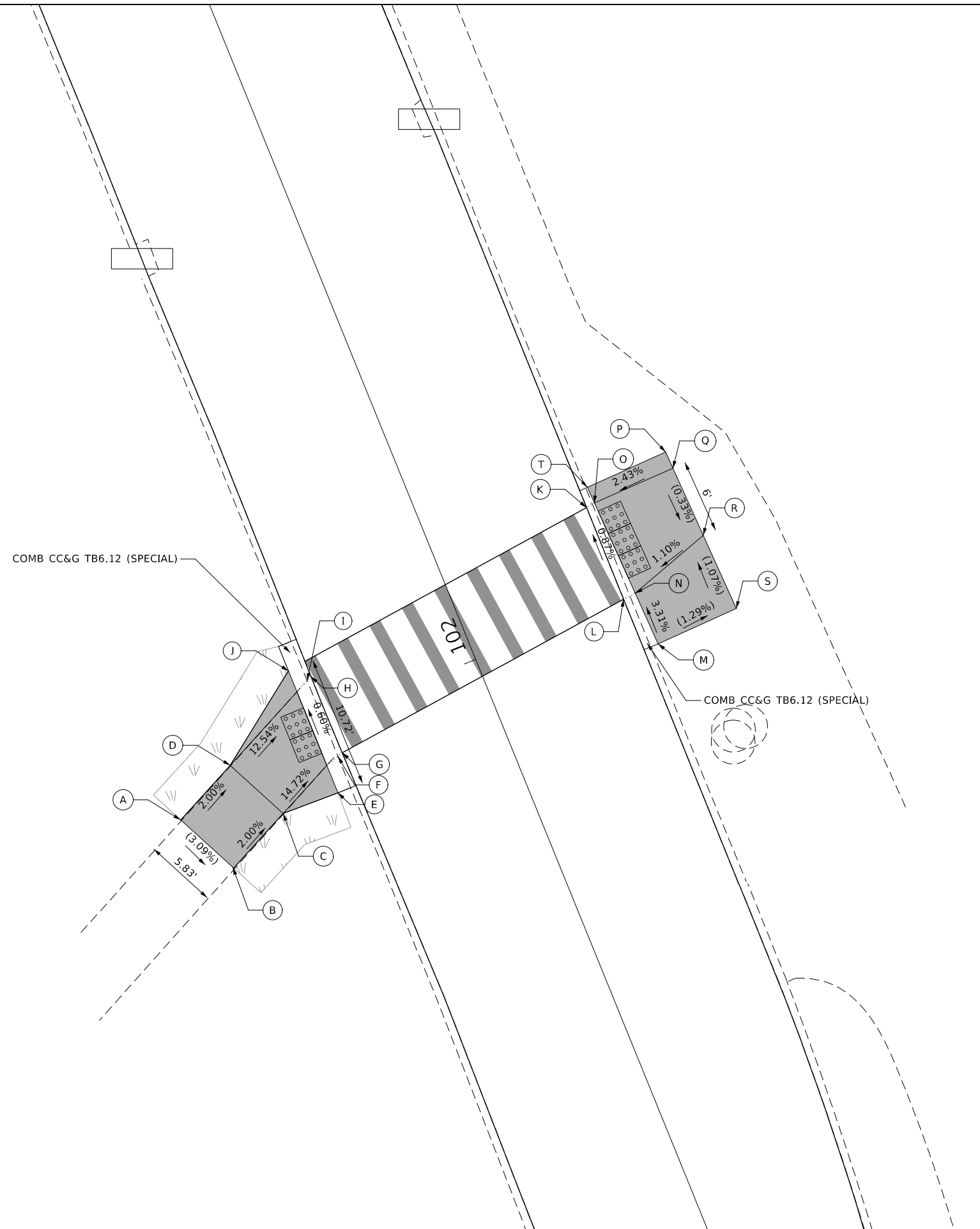
	USER NAME = Ilugo	DESIGNED - JM	REVISED -	NORTHERN ILLINOIS UNIVERSITY	SIDEWALK DETAIL PLAN UNIVERSITY CIRCLE NORTH	FAU RTE 5336	SECTION 08-00003-00-PV	COUNTY DeKalb	TOTAL SHEETS 31	SHEET NO. 21
	PLOT SCALE = 1:10	CHECKED - LL	REVISED -			SCALE: AS SHOWN	SHEET 3 OF 4 SHEETS	CONTRACT NUMBER: 87754		
PLOT DATE = 6/1/2021	DATE -	REVISED -								

	STATION	OFFSET	ELEVATION
A	101+96.95	27.20' L	(854.90)
B	101+91.69	24.68' L	(854.72)
C	101+94.29	19.27' L	854.60
D	101+99.54	21.79' L	854.78
E	101+94.16	14.50' L	(853.97)
F	101+96.92	13.38' L	853.65
G	101+97.06	12.94' L	(853.65)
H	102+03.78	12.96' L	(853.61)
I	102+03.58	13.38' L	853.61
J	102+04.89	14.49' L	(853.85)
K	102+08.05	13.04' R	(853.63)
L	102+00.00	13.02' R	(853.70)
M	101+95.57	14.26' R	(853.94)
N	102+00.10	14.09' R	853.70
O	102+08.16	13.78' R	853.63
P	102+09.82	20.72' R	(853.82)
Q	102+08.37	20.78' R	(853.80)
R	102+02.37	21.00' R	(853.78)
S	101+95.83	21.25' R	(853.85)
T	102+09.56	13.72' R	(853.88)

OTHER SIDEWALK SLOPES		
FROM POINT	TO POINT	SLOPE
D	J	12.70%
C	E	13.20%
P	T	(-0.86%)
T	O	2.14%
P	Q	1.37%

NOTES

- PRIOR TO THE REMOVAL OF SIDEWALK, THE CONTRACTOR SHALL SURVEY THE SIDEWALK ELEVATIONS AT LOCATIONS WHERE THE PROPOSED WORK WILL MEET EXISTING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF ANY DISCREPANCIES WITH THE ELEVATIONS SHOWN ARE ENCOUNTERED.
- EXPANSION JOINT LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY LOCATIONS IN THE FIELD AND RECEIVE APPROVAL FROM THE RESIDENT ENGINEER.



LEGEND

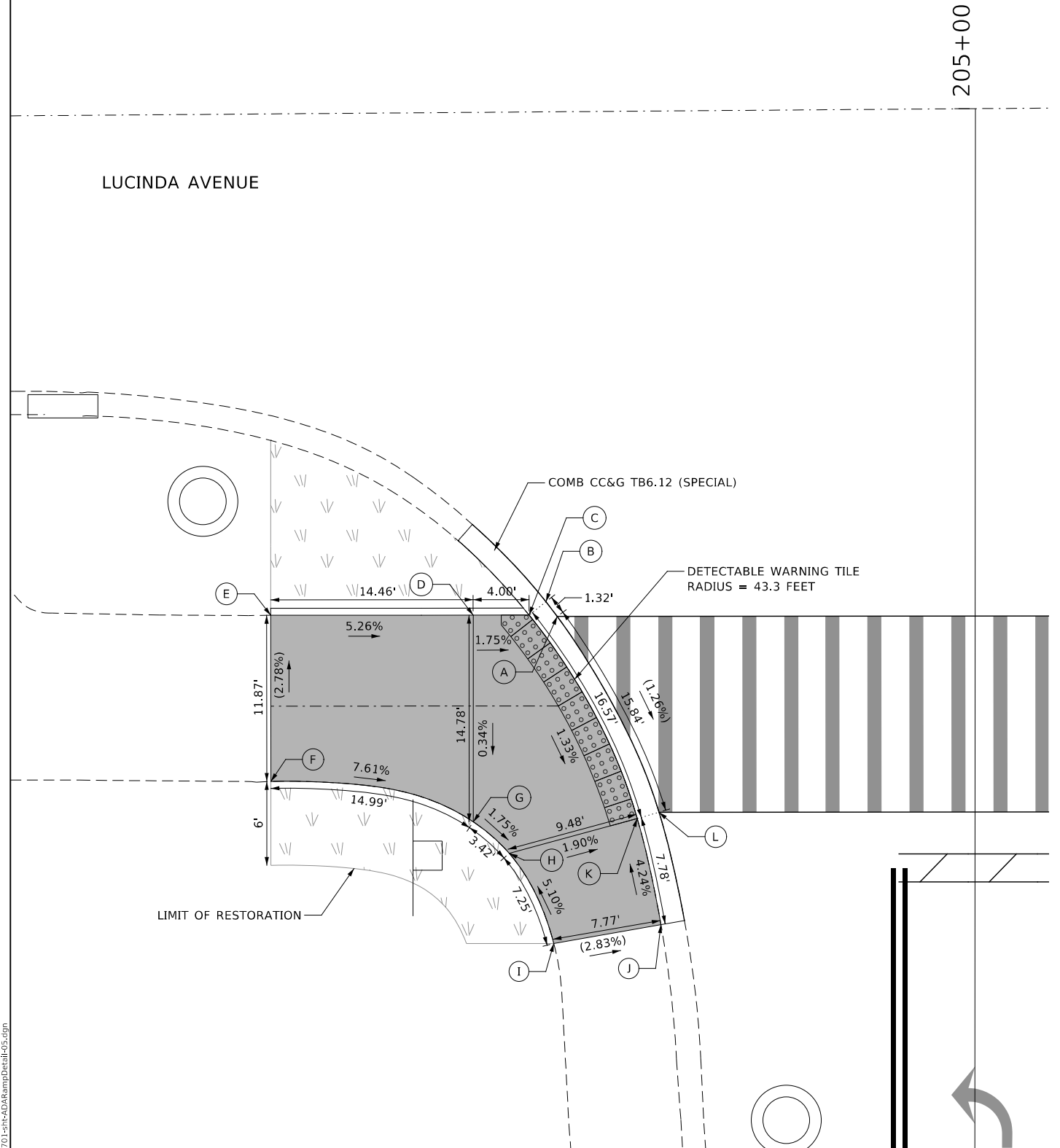
- DETECTABLE WARNINGS
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
- EXISTING ELEVATION / SLOPE
- EXPANSION JOINT LOCATIONS
- PROPOSED SIDE CURB
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A

MODEL: 4400.DEL.NAMES
FILE NAME: 727021ch-ADSRampDetail.dwg

	USER NAME = ilugo	DESIGNED - JM	REVISED -	NORTHERN ILLINOIS UNIVERSITY	SIDEWALK DETAIL PLAN UNIVERSITY CIRCLE NORTH	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:10	DRAWN - JM	REVISED -			5336	08-00003-00-PV	DeKalb	31	22
PLOT DATE = 6/1/2021	CHECKED - LL	REVISED -	REVISED -	SCALE: AS SHOWN SHEET 4 OF 4 SHEETS		ILLINOIS		CONTRACT NUMBER: 87754		

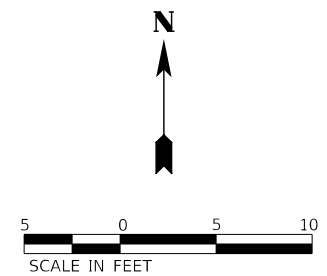
	STATION	OFFSET	ELEVATION
A	204+63.70	29.86' L	(855.23)
B	204+64.75	30.66' L	(855.25)
C	204+63.79	31.87' L	855.25
D	204+63.79	35.87' L	855.32
E	204+63.77	50.33' L	(856.08)
F	204+51.90	50.31' L	(856.41)
G	204+49.01	35.85' L	855.27
H	204+46.76	33.28' L	855.21
I	204+40.33	30.09' L	855.58
J	204+41.67	22.44' L	855.36
K	204+49.26	24.14' L	855.03
L	204+49.71	22.58' L	(855.03)

OTHER SIDEWALK SLOPES		
FROM POINT	TO POINT	SLOPE
B	A	(1.52%)



NOTES

- PRIOR TO THE REMOVAL OF SIDEWALK, THE CONTRACTOR SHALL SURVEY THE SIDEWALK ELEVATIONS AT LOCATIONS WHERE THE PROPOSED WORK WILL MEET EXISTING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF ANY DISCREPANCIES WITH THE ELEVATIONS SHOWN ARE ENCOUNTERED.
- EXPANSION JOINT LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY LOCATIONS IN THE FIELD AND RECEIVE APPROVAL FROM THE RESIDENT ENGINEER.



LEGEND

	DETECTABLE WARNINGS		PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
()	EXISTING ELEVATION / SLOPE		TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A
- - - -	EXPANSION JOINT LOCATIONS		PROPOSED SIDE CURB

MODEL: 4400161.MXD
FILE NAME: 727201-ct-AD-RampDetail.dwg

KNIGHT Engineers & Architects	USER NAME = llugo	DESIGNED - PAS	REVISED -
	PLOT SCALE = 1:10	DRAWN - PAS	REVISED -
	PLOT DATE = 6/1/2021	CHECKED - LL	REVISED -
		DATE -	REVISED -

NORTHERN ILLINOIS UNIVERSITY

**SIDEWALK DETAIL PLAN
NORTH CARROLL AVENUE**

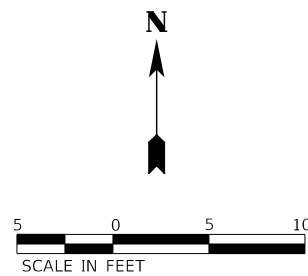
SCALE: AS SHOWN SHEET 1 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	23
			CONTRACT NUMBER: 87754	
ILLINOIS				

	STATION	OFFSET	ELEVATION
A	204+49.76	21.57' R	(854.92)
B	204+49.24	23.06' R	854.92
C	204+44.36	21.95' R	855.25
D	204+40.27	21.30' R	855.45
E	204+33.91	20.83' R	(855.21)
F	204+47.23	28.73' R	855.33
G	204+39.60	26.59' R	855.55
H	204+33.71	24.94' R	(855.44)
I	204+45.07	34.84' R	855.45
J	204+38.72	33.48' R	855.68
K	204+33.61	32.99' R	(855.77)
L	204+61.39	50.60' R	(856.39)
M	204+54.66	41.13' R	855.67
N	204+66.79	48.20' R	(856.30)
O	204+59.36	36.22' R	855.56
P	204+72.29	45.76' R	(856.30)
Q	204+68.07	37.21' R	(855.87)
R	204+63.51	31.90' R	855.18
S	204+64.72	30.63' R	(855.18)
T	204+63.77	29.75' R	(855.16)

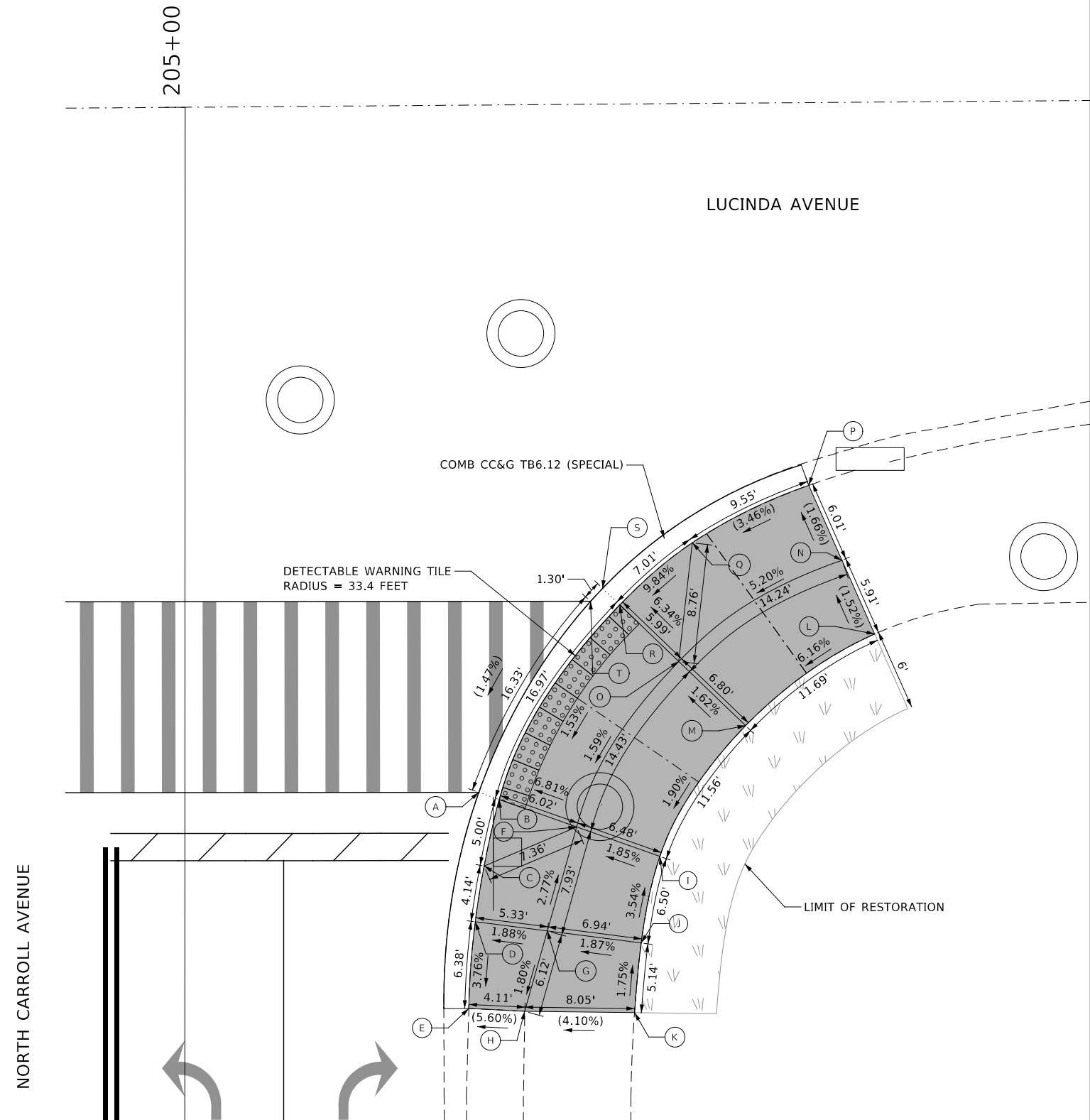
OTHER SIDEWALK SLOPES		
FROM POINT	TO POINT	SLOPE
S	T	(1.54%)
Q	O	3.54%
C	B	6.60%
F	C	1.09%
D	C	4.83%

- NOTES**
- PRIOR TO THE REMOVAL OF SIDEWALK, THE CONTRACTOR SHALL SURVEY THE SIDEWALK ELEVATIONS AT LOCATIONS WHERE THE PROPOSED WORK WILL MEET EXISTING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF ANY DISCREPANCIES WITH THE ELEVATIONS SHOWN ARE ENCOUNTERED.
 - EXPANSION JOINT LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY LOCATIONS IN THE FIELD AND RECEIVE APPROVAL FROM THE RESIDENT ENGINEER.



LEGEND

- DETECTABLE WARNINGS
- EXISTING ELEVATION / SLOPE
- EXPANSION JOINT LOCATIONS
- PROPOSED SIDE CURB
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A



MODEL: 44002ELNAMES
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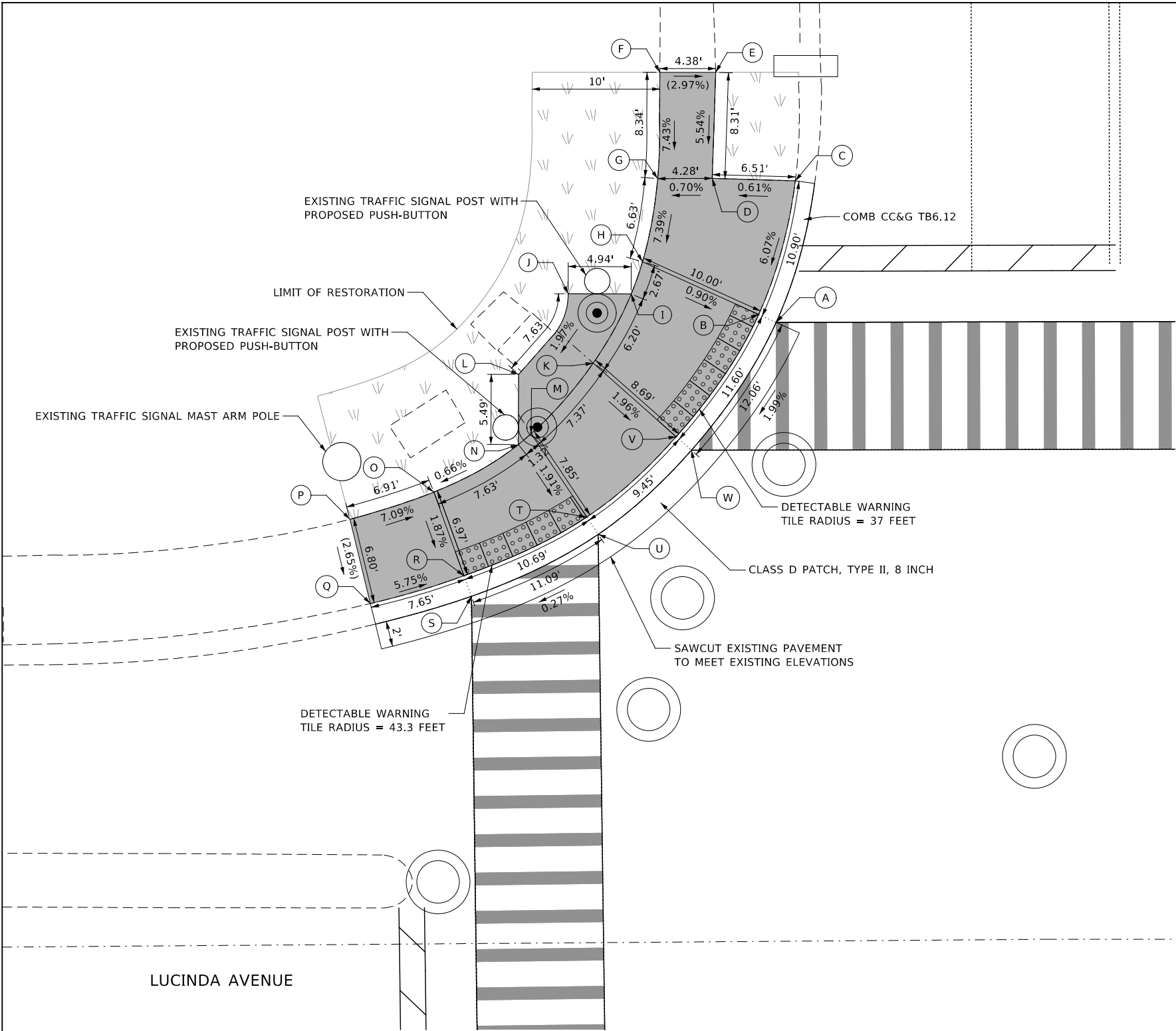
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PLOT DATE = 6/1/2021	CHECKED - LL	REVISED -
	DATE -	REVISED -

NORTHERN ILLINOIS UNIVERSITY

**SIDEWALK DETAIL PLAN
NORTH CARROLL AVENUE**

SCALE: AS SHOWN SHEET 2 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	24
			CONTRACT NUMBER: 87754	
ILLINOIS				



	NORTHING	EASTING	ELEVATION
A	1919757.29	866572.35	(859.68)
B	1919757.91	866570.99	859.67
C	1919768.38	866573.85	(860.34)
D	1919768.57	866567.35	860.30
E	1919776.88	866567.62	(860.76)
F	1919776.88	866563.24	(860.89)
G	1919768.55	866563.07	860.27
H	1919762.03	866561.88	859.78
I	1919759.52	866561.00	859.73
J	1919759.54	866556.06	859.71
K	1919754.09	866558.02	859.61
L	1919753.21	866552.18	859.56
M	1919748.57	866553.17	859.47
N	1919747.72	866552.15	859.46
O	1919743.99	866545.53	859.41
P	1919741.86	866538.96	(859.90)
Q	1919735.26	866540.57	(859.72)
R	1919737.44	866547.90	859.28
S	1919735.82	866548.48	(859.29)
T	1919742.03	866557.52	859.32
U	1919740.68	866558.41	859.32
V	1919748.33	866564.53	859.44
W	1919747.28	866565.72	859.44

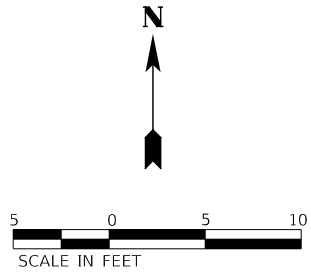
OTHER SIDEWALK SLOPES		
FROM POINT	TO POINT	SLOPE
B	V	1.98%
H	I	1.87%
I	J	0.40%
I	K	1.94%
K	M	1.90%
M	N	0.76%
L	N	1.82%
T	R	0.37%

NOTES

- PRIOR TO THE REMOVAL OF SIDEWALK, THE CONTRACTOR SHALL SURVEY THE SIDEWALK ELEVATIONS AT LOCATIONS WHERE THE PROPOSED WORK WILL MEET EXISTING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF ANY DISCREPANCIES WITH THE ELEVATIONS SHOWN ARE ENCOUNTERED.
- EXPANSION JOINT LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY LOCATIONS IN THE FIELD AND RECEIVE APPROVAL FROM THE RESIDENT ENGINEER.

LEGEND

	DETECTABLE WARNINGS		PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
()	EXISTING ELEVATION / SLOPE		TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A
- - - -	EXPANSION JOINT LOCATIONS		PROPOSED SIDE CURB



MODEL: 4400BELNAMES
FILE NAME: 727201-1-1-AD-RampDetail-07.dwg



USER NAME = ilugo	DESIGNED - PAS	REVISED -
PLOT SCALE = 1:10	DRAWN - PAS	REVISED -
PLOT DATE = 6/1/2021	CHECKED - MJM	REVISED -
	DATE -	REVISED -

NORTHERN ILLINOIS UNIVERSITY

**SIDEWALK DETAIL PLAN
LUCINDA AVENUE AND NORMAL ROAD**

SCALE: AS SHOWN SHEET 1 OF 4 SHEETS

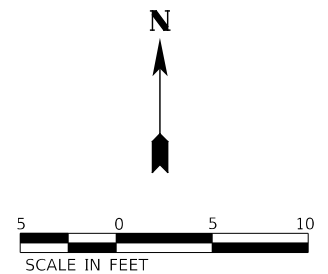
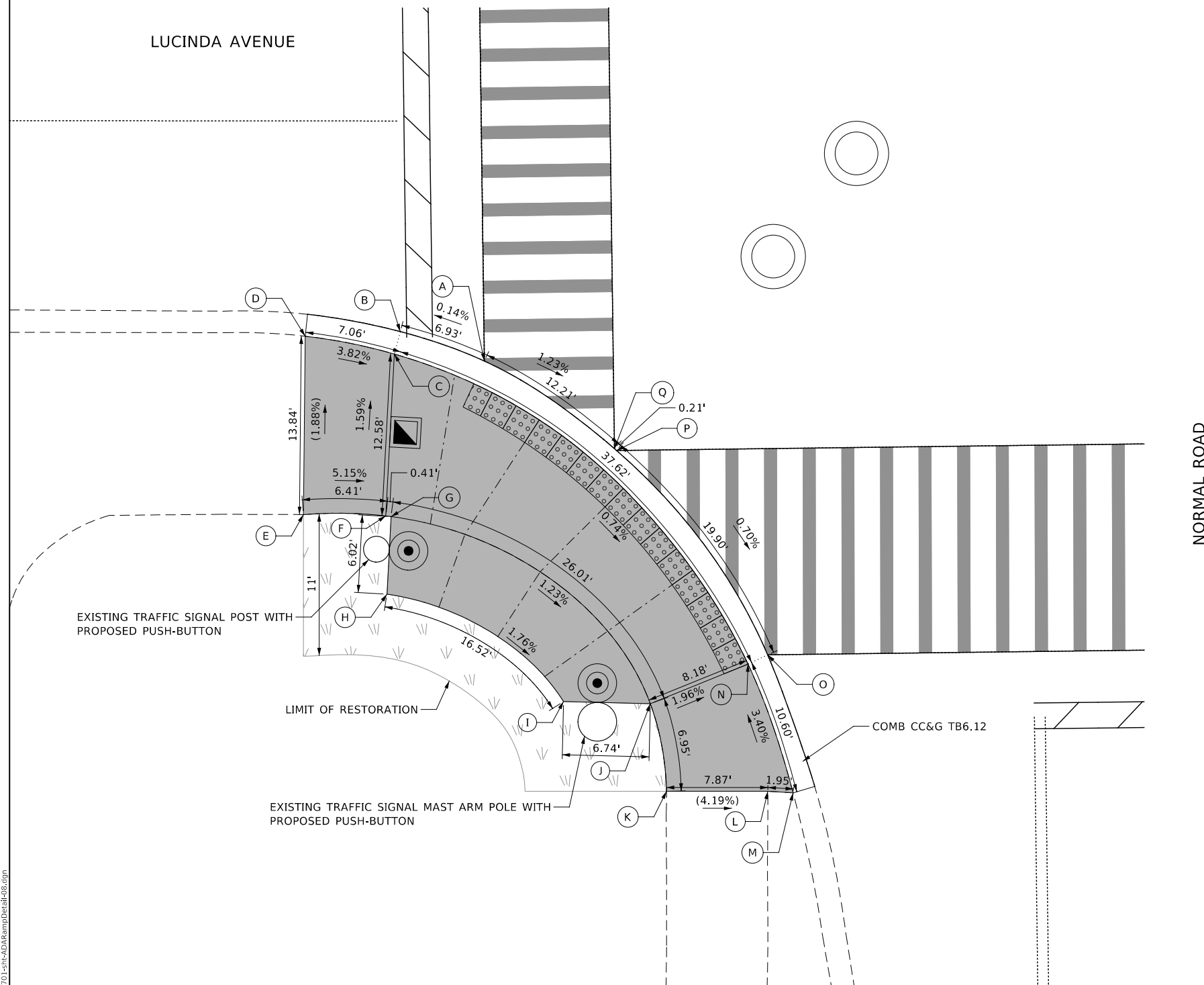
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	25
			CONTRACT NUMBER: 87754	
ILLINOIS				

NOTES

1. PRIOR TO THE REMOVAL OF SIDEWALK, THE CONTRACTOR SHALL SURVEY THE SIDEWALK ELEVATIONS AT LOCATIONS WHERE THE PROPOSED WORK WILL MEET EXISTING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF ANY DISCREPANCIES WITH THE ELEVATIONS SHOWN ARE ENCOUNTERED.
2. EXPANSION JOINT LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY LOCATIONS IN THE FIELD AND RECEIVE APPROVAL FROM THE RESIDENT ENGINEER.

	NORTHING	EASTING	ELEVATION
A	1919680.95	866549.20	(859.27)
B	1919683.24	866542.67	(859.26)
C	1919681.49	866542.21	859.26
D	1919682.87	866535.29	(859.53)
E	1919669.04	866535.15	(859.79)
F	1919668.93	866541.54	859.46
G	1919669.04	866541.96	859.46
H	1919662.87	866541.63	859.55
I	1919654.53	866555.34	859.26
J	1919654.37	866562.08	859.14
K	1919647.57	866563.34	(859.52)
L	1919647.57	866571.21	(859.19)
M	1919647.45	866573.15	(859.34)
N	1919657.44	866569.66	858.98
O	1919658.16	866571.18	(858.98)
P	1919674.01	866559.45	(859.12)
Q	1919674.15	866559.29	(859.12)

OTHER SIDEWALK SLOPES		
FROM POINT	TO POINT	SLOPE
G	F	1.50%
H	I	1.78%
J	I	5.47%
L	K	(7.69%)



LEGEND	
	DETECTABLE WARNINGS
	EXISTING ELEVATION / SLOPE
	EXPANSION JOINT LOCATIONS
	PROPOSED SIDE CURB
	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
	TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A

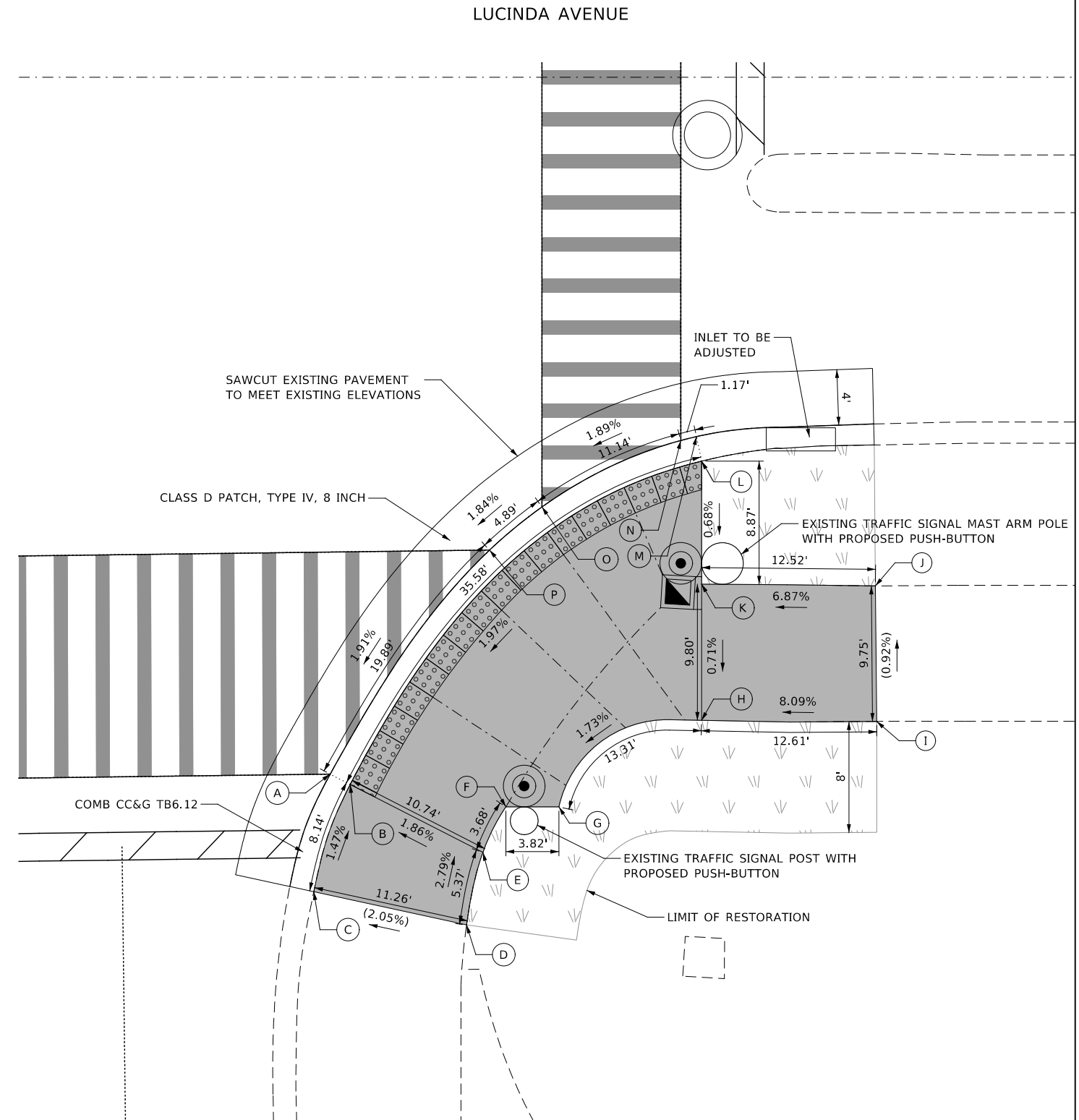
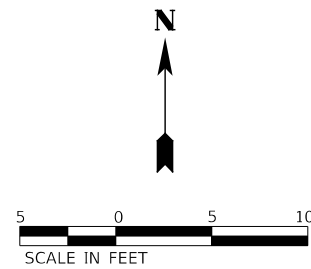
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	NORTHING	EASTING	ELEVATION
A	1919658.74	866617.80	859.38
B	1919658.00	866619.24	859.38
C	1919650.27	866616.62	(859.50)
D	1919647.88	866627.62	(859.73)
E	1919653.11	866628.80	859.58
F	1919656.38	866630.45	859.65
G	1919656.38	866634.27	859.72
H	1919662.62	866644.55	859.95
I	1919662.55	866657.16	(860.97)
J	1919672.30	866657.07	(860.88)
K	1919672.43	866644.55	860.02
L	1919681.29	866644.55	860.08
M	1919683.06	866644.18	860.08
N	1919682.78	866643.05	860.06
O	1919677.99	866633.05	859.85
P	1919674.88	866629.28	859.76

OTHER SIDEWALK SLOPES		
FROM POINT	TO POINT	SLOPE
F	E	1.90%
G	F	1.83%
M	N	1.71%

NOTES

1. PRIOR TO THE REMOVAL OF SIDEWALK, THE CONTRACTOR SHALL SURVEY THE SIDEWALK ELEVATIONS AT LOCATIONS WHERE THE PROPOSED WORK WILL MEET EXISTING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF ANY DISCREPANCIES WITH THE ELEVATIONS SHOWN ARE ENCOUNTERED.
2. EXPANSION JOINT LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY LOCATIONS IN THE FIELD AND RECEIVE APPROVAL FROM THE RESIDENT ENGINEER.

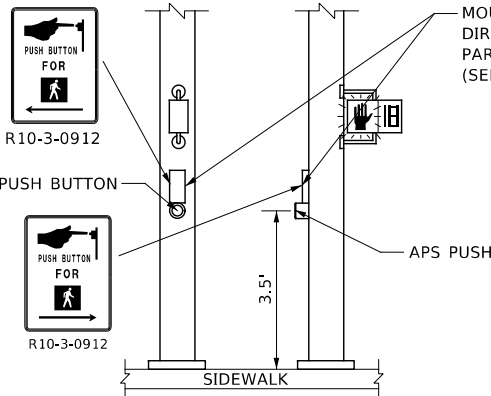


LEGEND

- DETECTABLE WARNINGS
- EXISTING ELEVATION / SLOPE
- EXPANSION JOINT LOCATIONS
- PROPOSED SIDE CURB
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A

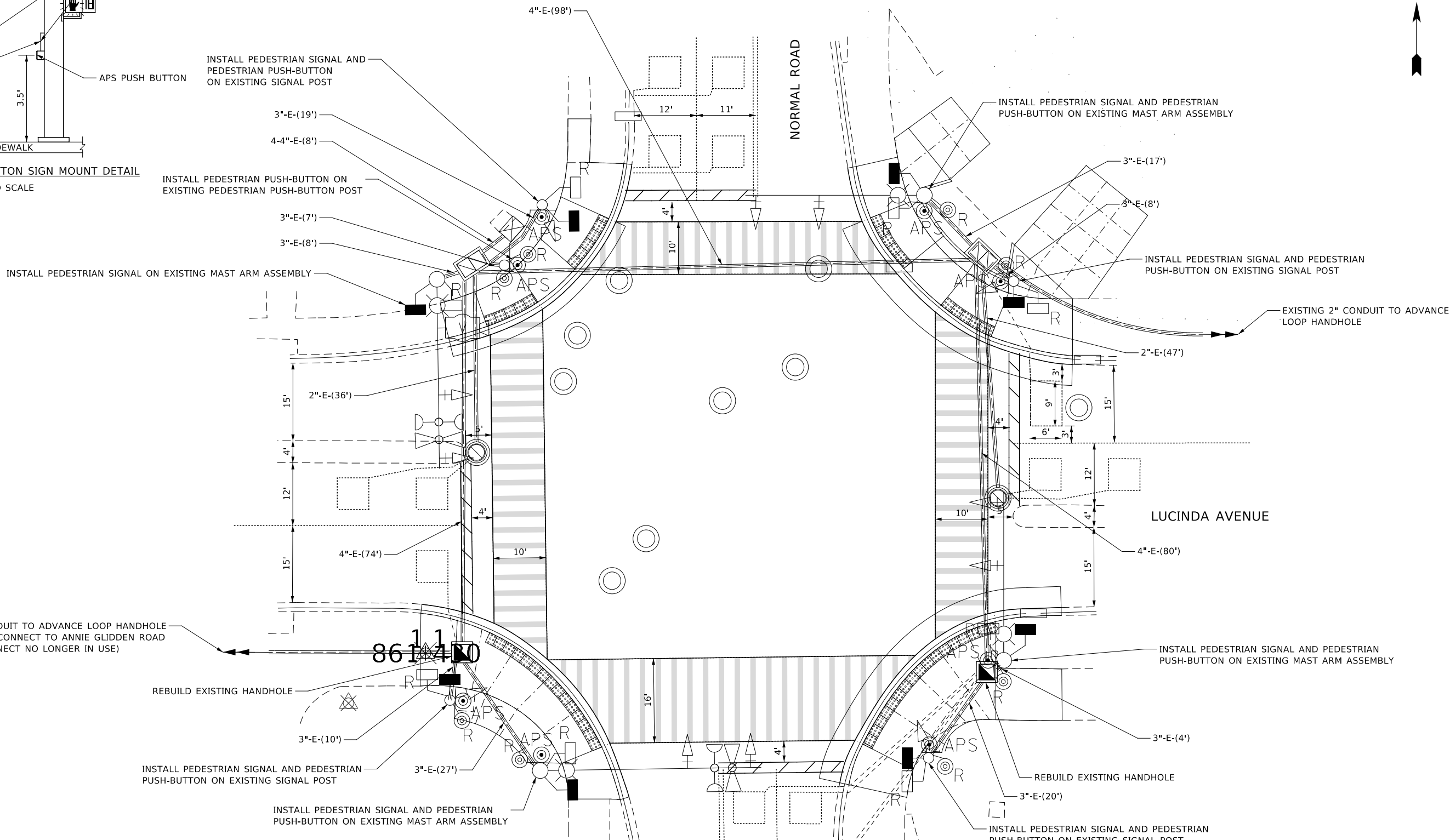
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	USER NAME = Ilugo	DESIGNED - PAS	REVISED -	NORTHERN ILLINOIS UNIVERSITY	SIDEWALK DETAIL PLAN LUCINDA AVENUE AND NORMAL ROAD	FAU RTE = 5336	SECTION = 08-00003-00-PV	COUNTY = DeKalb	TOTAL SHEETS = 31	SHEET NO. = 28
	PLOT SCALE = 1:10	CHECKED - MJM	REVISED -			SCALE: AS SHOWN	SHEET 4 OF 4 SHEETS	ILLINOIS		CONTRACT NUMBER: 87754
	PLOT DATE = 6/1/2021	DATE -	REVISED -							



PEDESTRIAN PUSH BUTTON SIGN MOUNT DETAIL
NOT TO SCALE

MOUNT PEDESTRIAN PUSH BUTTON INFORMATIONAL SIGN (R10-3-0912) DIRECTLY ABOVE PEDESTRIAN PUSH BUTTON WITH ARROW PARALLEL TO THE CROSSWALK FOR WHICH IT IS INTENDED (SEE NOTE 3)



REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT:

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

- 8 EACH PEDESTRIAN PUSH-BUTTON
- 8 EACH PEDESTRIAN SIGNAL HEADS



NOTES

1. LOCATIONS OF EXISTING LOOP DETECTORS SHOWN ARE APPROXIMATE.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM.
3. PUSH BUTTON INFORMATIONAL SIGNS ARE CONSIDERED INCLUDED IN THE CONTRACT UNIT COST FOR ACCESSIBLE PEDESTRIAN SIGNALS (SEE SPECIAL PROVISION).

MODEL: 4400BELNAMES
FILE NAME: 727201st1c-01-Lucinda&Normal.dgn



USER NAME = ilugo	DESIGNED - PAS	REVISED -
PLOT SCALE = 1:20	DRAWN - PAS	REVISED -
PLOT DATE = 6/1/2021	CHECKED - MJM	REVISED -
	DATE -	REVISED -

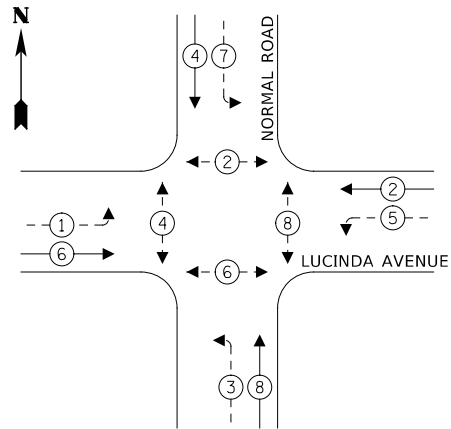
NORTHERN ILLINOIS UNIVERSITY

**TRAFFIC SIGNAL INSTALLATION PLAN
LUCINDA AVENUE AND NORMAL ROAD**

SCALE: AS SHOWN SHEET 1 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	29
			CONTRACT NUMBER: 87754	
ILLINOIS				

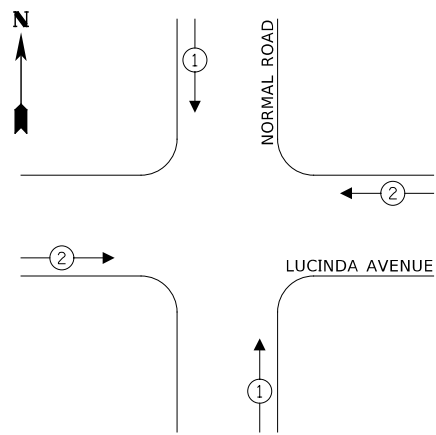
EXISTING AND PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← ⊛ → PROTECTED PHASE
- ← ⊛ - - → PROTECTED/PERMITTED PHASE
- ← ⊛ → PEDESTRIAN PHASE

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



MODIFY EXISTING CONTROLLER AND CABINET

REMOVE EXISTING CABLE FROM CONDUIT

SEE NOTE 1

LUCINDA AVENUE

VIDEO DETECTION SYSTEM
(ABANDONED, NO LONGER IN USE)

EXISTING INTERCONNECT
TO ANNIE GLIDDEN ROAD
(NO LONGER IN USE)

SEE NOTE 1

NORMAL ROAD

LUCINDA AVENUE

NORMAL ROAD

CABLE PLAN
(NOT TO SCALE)

NOTES

1. LUMINAIRES ARE POWERED BY THE EXISTING STREET LIGHTING CONTROLLER AND NOT CONNECTED TO THE SIGNAL CONTROLLER CABINET.

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	-	25	100	-
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
TOTAL =				552.8

**TRAFFIC SIGNALS SCHEDULE OF QUANTITIES
LUCINDA AVENUE AND NORMAL ROAD**

ITEM	UNIT	TOTAL
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	56
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
DETECTOR LOOP, TYPE I	FOOT	34
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	44
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2
PERMANENT TRAFFIC SIGNAL TIMING	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
MODIFY EXISTING CONTROLLER AND CABINET	EACH	1

ENERGY COSTS TO:

CITY OF DEKALB
1216 MARKET STREET
DEKALB, ILLINOIS 60115

ENERGY SUPPLY: CONTACT: NORA FERNANDEZ
PHONE: (815) 490-2335
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

KNIGHT
Engineers & Architects

USER NAME = llugo
DESIGNED - PAS
DRAWN - PAS
PLOT SCALE = 1:40
CHECKED - MJM
PLOT DATE = 6/1/2021
DATE - ---

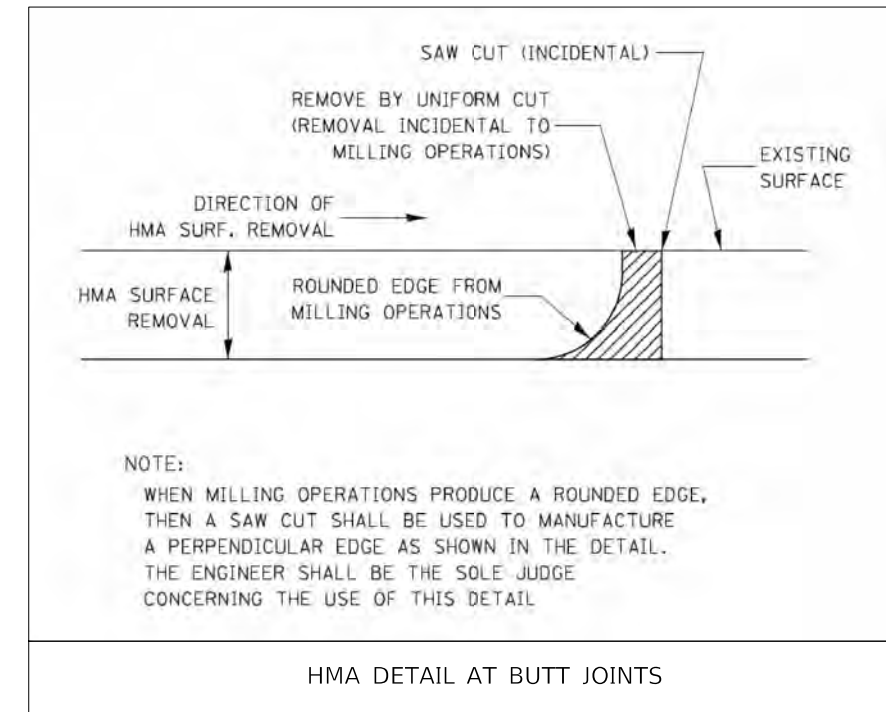
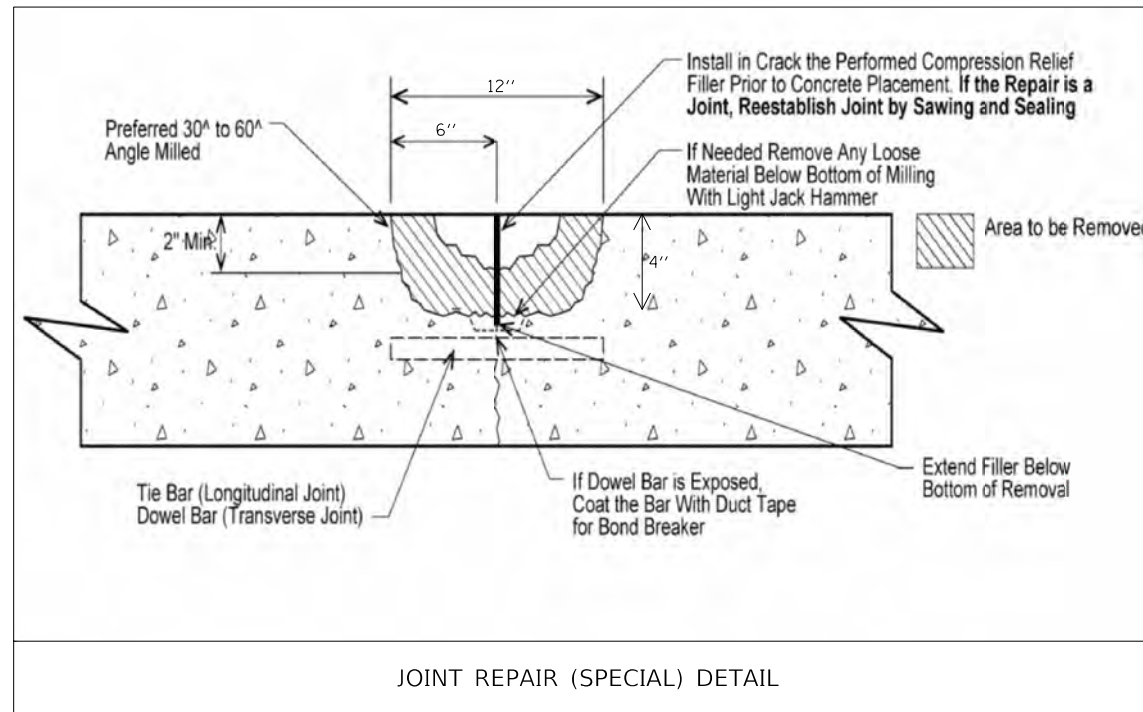
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NORTHERN ILLINOIS UNIVERSITY

**TRAFFIC SIGNAL CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
LUCINDA AVENUE AND NORMAL ROAD**

SCALE: AS SHOWN SHEET 2 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-00003-00-PV	DeKalb	31	30
			CONTRACT NUMBER: 87754	
ILLINOIS				



MODEL: 44026LMMES
FILE NAME: 72701ch-Detail-01.dgn

USER NAME = ilugo	DESIGNED - ZRE	REVISED -
	DRAWN - ZRE	REVISED -
PLOT SCALE = 1:2	CHECKED - LL	REVISED -
PLOT DATE = 6/1/2021	DATE - APRIL 2021	REVISED -

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5336	08-0003-00-PV	DeKalb	31	31
			CONTRACT NUMBER: 87754	
ILLINOIS				