

01-19-2018 LETTING ITEM 003

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

TRAFFIC DATA

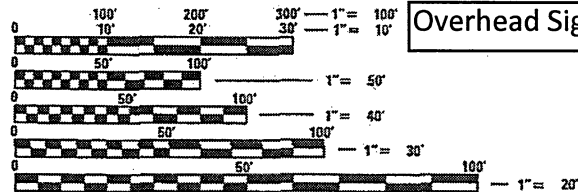
ADT:		
GOLF RD.	23,700 (2015)	
WOLF RD.	17,100 (2015)	
STATE ST.	5,300 (2015)	
BROADWAY RD.	2,300 (2015)	

ROAD	POSTED SPEED	DESIGN SPEED
GOLF RD.	35 MPH	20 MPH
WOLF RD.	30 MPH	20 MPH
STATE ST.	30 MPH	20 MPH
BROADWAY RD.	30 MPH	20 MPH

DESIGN DESIGNATION

FAP 339 (GOLF ROAD)	OTHER PRINCIPAL ARTERIAL
FAU 2692 (WOLF ROAD)	MINOR ARTERIAL
MUN 3340 (STATE STREET) (BROADWAY STREET)	LOCAL ROAD /STREET LOCAL STREET

IMPROVEMENT LOCATED IN CITY OF DES PLAINES



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

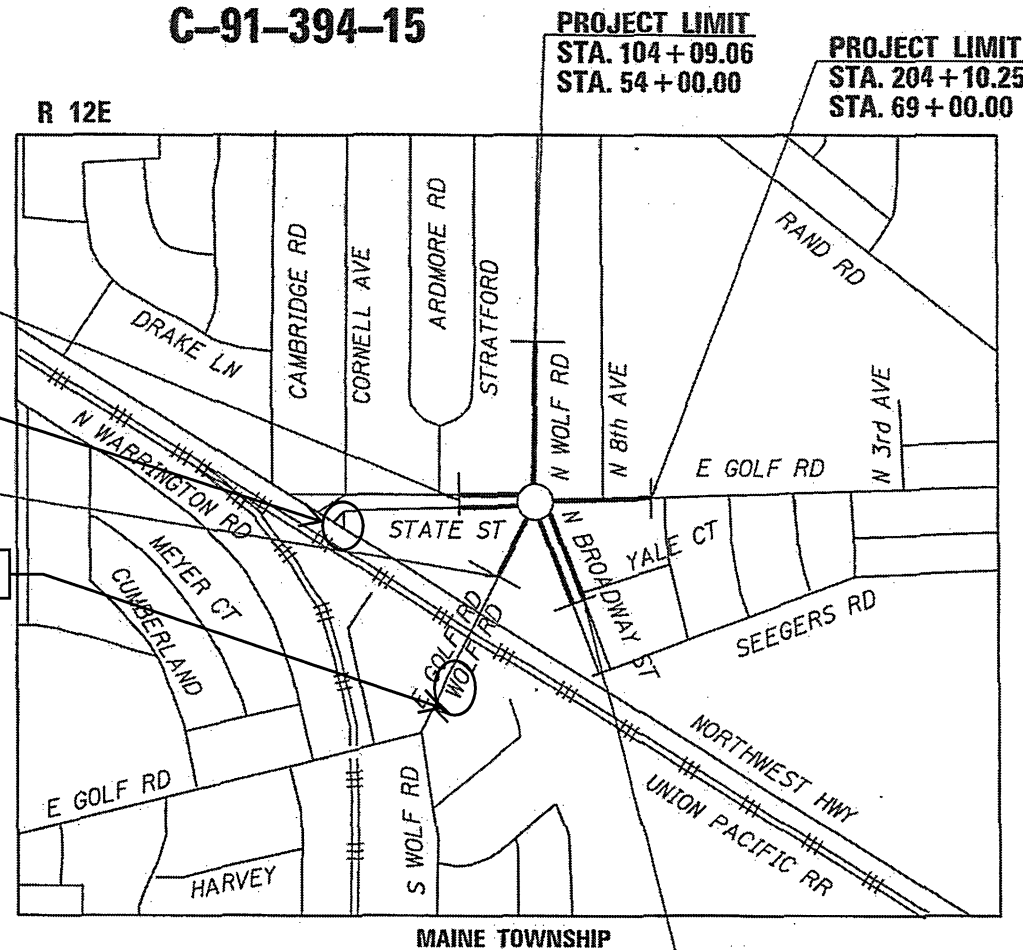
PROJECT MANAGER: FAWAD AQUEEL, P.E., PTOE (847) 705-4247
PROJECT ENGINEER: RAGHAD ADEIS-DAHMAN, P.E., S.E. (847) 705-4237

CONTRACT NO. 62B16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 339 /IL 58 (GOLF RD)
AT WOLF ROAD N. JUNCTION
(CUMBERLAND CIRCLE)
RECONSTRUCTION AND SIGNING
SECTION 583-R
PROJECT: CMAQ-TC02(831)
COOK COUNTY
C-91-394-15



LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 3000.00 FT. = 0.568 MILE
NET LENGTH = 3000.00 FT. = 0.568 MILE

PROJECT LIMIT
STA. 300+00.00
STA. 56+00.00

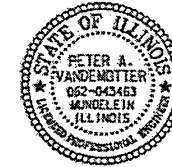
PROJECT LIMIT
STA. 104+09.06
STA. 54+00.00

PROJECT LIMIT
STA. 204+10.25
STA. 69+00.00



Signed *Jeffrey S. Grzech*
Jeffrey S. Grzech, P.E.
Il. Lic. No. 062-053695
Expires 11-30-2017

Date 10/13/17
For Sheets 26 Thru 30
AND 152 - 156



Signed *Peter A. Vandemotter*
Peter A. Vandemotter, P.E.
Il. Lic. No. 062-043463
Expires 11-30-2017

Date 10/16/17
For Sheets 134 Thru 142



Signed *Joseph M. Glennon*
Joseph Glennon, P.E.
Il. Lic. No. 062-046610
Expires 11-30-2017

Date 10/16/17
For Sheets 1 Thru 25
Sheets 31 Thru 74
Sheets 77 Thru 103
Sheets 110 Thru 133
Sheets 157 Thru 186
Sheets _____ Thru _____



Signed *Moussa A. Issa*
Dr. Moussa A. Issa, S.E.
Il. Lic. No. 081-005738
Expires 11-30-2018

Date 10/13/2017
For Sheets 143 Thru 151

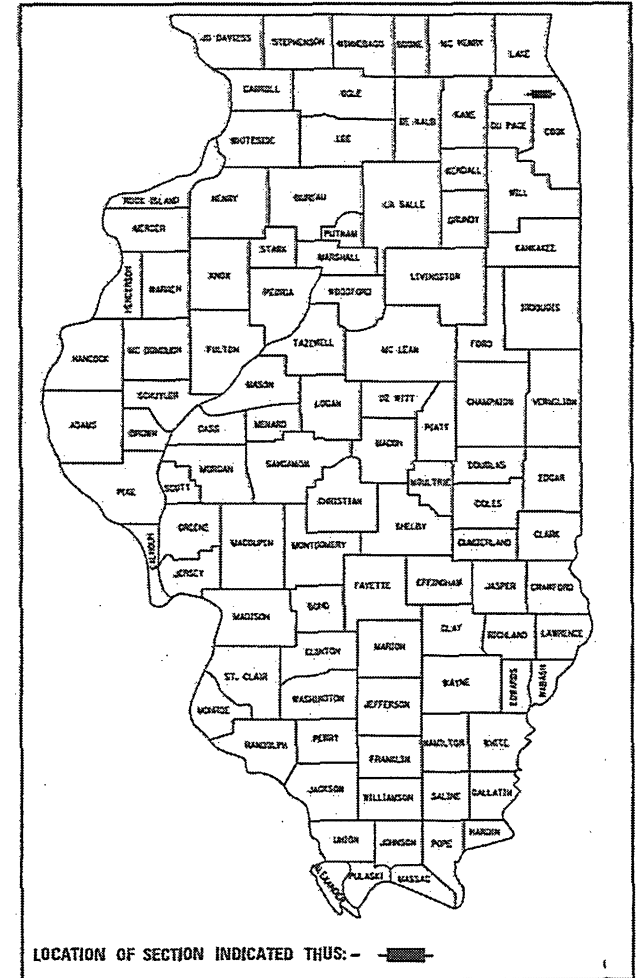
PREPARED BY:

HBM
ENGINEERING GROUP, LLC.
CONSULTING & DESIGN
INSPECTION & RATING
RESEARCH & TESTING
4415 WEST HARRISON ST.
SUITE 231
HILLSDALE, IL 60162
PHONE: (708) 236-0900
FAX: (708) 236-0901

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	1

X186+1=187 TOTAL SHEETS

D-91-394-15



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED October 19, 2017
Anthony A. Quigley REGIONAL ENGINEER
Nov 30, 2017
Moussa A. Issa ENGINEER OF DESIGN AND ENVIRONMENT
Nov 30, 2017
Maureen M. Addis DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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* includes sheet 41A

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-07	FABRIC FORMED CONCRETE REVETMENT MATS
420001-09	PAVEMENT JOINTS
420101-06	24'(7.2 M) JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDABOUTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-04	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-04	DEPRESSED CORNER FOR SIDEWALKS
424026-02	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C & D PATCHES
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602401-04	MANHOLE, TYPE A
602406-08	MANHOLE, TYPE A, 6' (1.8 M) DIAMETER
602411-06	MANHOLE, TYPE A, 7' (2.1 M) DIAMETER
604001-04	FRAME AND LIDS, TYPE 1
604041-03	FRAME AND GRATE, TYPE 9
604046-03	FRAME AND GRATE, TYPE 10
604061-03	FRAME AND GRATE, TYPE 12
604071-05	FRAME AND GRATE, TYPE 20
604091-03	FRAME AND GRATE, TYPE 24
606301-04	PC CONCRETE ISLANDS AND MEDIANS
643001-02	SAND MODULE IMPACT ATTENUATORS
667101-02	PERMANENT SURVEY MARKERS
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
838001-01	BREAKWAY DEVICES
878001-10	CONCRETE FOUNDATION DETAILS

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE CITY OF DES PLAINES.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

SIDEWALK RAMPS MODIFICATIONS WITHIN THE LIMITS OF THE PROJECT SHALL CONFORM TO THE APPLICABLE HIGHWAY STANDARDS INCLUDED IN THE PLANS.

USE #8 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATIONS, FOR ALL TIE BARS. USE THE "LONGITUDINAL CONSTRUCTION JOINT (TIE BAR GROUDED IN PLACE)" DETAIL SHOWN ON HIGHWAY STANDARD 420001 FOR ALL LONGITUDINAL JOINTS AND FOR TYING PCC PAVEMENT WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS.

DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

SIDEWALK REMOVAL AND P.C.C. SIDEWALK LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

GENERAL NOTES (CONTINUED)

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE ENGINEER SHALL COREY JUCIUS, IDOT'S ARTERIAL TRAFFIC FIELD ENGINEER, AT CORY.JUCIUS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED THEIR LOCATION.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ADJUTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, I.D.O.T.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) SHOWN IN THE PLANS.

PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD

601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAIN.

THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR EXPENSE.

UNLESS OTHERWISE NOTED, ALL PERENNIALS SHALL BE PLANTED ONE FOOT ON CENTER AND MULCHED AS DESCRIBED IN ARTICLE 254.08 OF THE STANDARD SPECIFICATIONS.

VILLAGE WATER AND SEWER MAINS MAY BE LOCATED IN THE LANDSCAPE AREA. THE CONTRACTOR WILL NOT BE ALLOWED TO PROCEED WITH ANY PLANTING WORK UNTIL ALL UTILITY OWNERS FIELD LOCATE THEIR FACILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THE ACTUAL LOCATION OF PROPOSED LANDSCAPING WILL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES.

INTERSEEDING, CLASS 2A IS TO BE USED TO RENOVATE AREAS WHERE EXISTING TURF IS IN POOR CONDITION. EXACT LOCATIONS WILL BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL CONTACT MELISSA DEL ROSARIO, IDOT ROADSIDE DEVELOPMENT UNIT, AT (847)705-4171 ONE WEEK PRIOR TO LANDSCAPE INSTALLATION FOR PLANT LOCATIONS.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOIL ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR



USER NAME = ahmed.issa	DESIGNED - JMG	REVISED -
PLOT SCALE = 2:0.0000 '1' / in.	DRAWN - JMG	REVISED -
PLOT DATE = 11/7/2017	CHECKED - RB	REVISED -
	DATE - 10/17/2017	REVISED -

STATE OF ILLINOIS	INDEX OF SHEETS, HIGHWAY STANDARDS AND	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	339	583-R	COOK	186	02
	SCALE:	SHEET 01	OF 01 SHEETS	STA.	TO STA.	CONTRACT NO. 62B16
						ILLINOIS FED. AID PROJECT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS AND
GENERAL NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	02
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 01 OF 01 SHEETS STA. TO STA.

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL	80% FED 10% STATE 10% LOCAL	80% FED 20% LOCAL	100% LOCAL	
				ROADWAY 0004	LANDSCAPING 0031	LIGHTING 0021	PARKING 0021	SIDEWALK 0021	WATERMAIN 0043	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	40		40					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	43		43					
20100500	TREE REMOVAL, ACRES	ACRE	0.1		0.1					
20101000	TEMPORARY FENCE	FOOT	600	600						
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	31	31						
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	18	18						
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	120	120						
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	120	120						
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	120	120						
20101700	SUPPLEMENTAL WATERING	UNIT	215	215						
20200100	EARTH EXCAVATION	CU YD	6536	6536						
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	889	889						
20800150	TRENCH BACKFILL	CU YD	3754	1826						1928
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3638	2925			713			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	7900	7900						
25000210	SEEDING, CLASS 2A	ACRE	0.2	0.2						
25003210	INTERSEEDING, CLASS 2A	ACRE	0.1	0.1						
25100115	MULCH, METHOD 2	ACRE	1.6	1.6						
25100630	EROSION CONTROL BLANKET	SQ YD	2100	2100						

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 19



USER NAME = KenDrabant	DESIGNED - KJD	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - KJD	REVISED -
PLOT DATE = 10/20/2017	CHECKED - JMG	REVISED -
	DATE - 10/17/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 01	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 03
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 62B16

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL	80% FED 10% STATE 10% LOCAL	80% FED 20% LOCAL	100% LOCAL
				ROADWAY 0004	LANDSCAPING 0031	LIGHTING 0021	PARKING 0021	SIDEWALK 0021	WATERMAIN 0043
25200110	SODDING, SALT TOLERANT	SQ YD	6240	5616	624				
28000400	PERIMETER EROSION BARRIER	FOOT	4477	4477					
28000500	INLET AND PIPE PROTECTION	EACH	19	19					
28000510	INLET FILTERS	EACH	18	18					
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	505	429.2			75.8		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	14749	14036			713		
3101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1235	1235					
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	4055	3459			596		
42000306	PORTLAND CEMENT CONCRETE PAVEMENT 8 1/4" (JOINTED)	SQ YD	1442	1442					
42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SQ YD	6201	6201					
42001300	PROTECTIVE COAT	SQ YD	4296	4296					
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	264	264					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	344	344					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	16055					16055	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	485					485	
42400800	DETECTABLE WARNINGS	SQ FT	546					546	
44000100	PAVEMENT REMOVAL	SQ YD	13477	12881			596		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	307	307					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6779	6110			669		
44000600	SIDEWALK REMOVAL	SQ FT	13813					13813	

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 19



USER NAME = Ken-dobert	DESIGNED - KJD	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KJD	REVISED -
PLOT DATE = 10/20/2017	CHECKED - JMG	REVISED -
	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 02 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	04
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL	80% FED 10% STATE 10% LOCAL	80% FED 20% LOCAL	100% LOCAL	
				ROADWAY 0004	LANDSCAPING 0031	LIGHTING 0021	PARKING 0021	SIDEWALK 0021	WATERMAIN 0043	
48300100	PORTLAND CEMENT CONCRETE SHOULDERS 6"	SQ YD	180	180						
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	200	200						
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	72	72						
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	158	158						
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	29	29						
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	55	55						
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	86	86						
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	182	182						
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	189	189						
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	69	69						
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	111	111						
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	24	24						
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	263	263						
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	96	96						
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	189	189						
55100500	STORM SEWER REMOVAL 12"	FOOT	158	158						
55101200	STORM SEWER REMOVAL 24"	FOOT	100	100						

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USER NAME = Kendrabent	DESIGNED - KJD	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KJD	REVISED -
PLOT DATE = 10/20/2017	CHECKED - JMG	REVISED -
	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 03	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 05
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL	80% FED 10% STATE 10% LOCAL	80% FED 20% LOCAL	100% LOCAL	
				ROADWAY 0004	LANDSCAPING 0031	LIGHTING 0021	PARKING 0021	SIDEWALK 0021	WATERMAIN 0043	
55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	80	80						
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1							1
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	344	334			10			
60201205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME AND GRATE	EACH	13	13						
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	6	6						
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	6						
60204905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 12 FRAME AND GRATE	EACH	2	2						
60205010	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	1						
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1	1						
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5						
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9						
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1						
60236900	INLETS, TYPE A, TYPE 12 FRAME AND GRATE	EACH	2	2						
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	7	7						
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1						
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	62	62						
60500040	REMOVING MANHOLES	EACH	3	3						
60500050	REMOVING CATCH BASINS	EACH	8	8						

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USER NAME = Kendrabent	DESIGNED - KJD	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 04	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 06
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL	80% FED 10% STATE 10% LOCAL	80% FED 20% LOCAL	100% LOCAL	
				ROADWAY 0004	LANDSCAPING 0031	LIGHTING 0021	PARKING 0021	SIDEWALK 0021	WATERMAIN 0043	
60500060	REMOVING INLETS	EACH	1	1						
60500070	REMOVING MANHOLES TO MAINTAIN FLOW	EACH	1	1						
60600605	CONCRETE CURB, TYPE B	FOOT	319	319						
60601805	CONCRETE CURB TRANSITION	FOOT	150	150						
60603100	CONCRETE GUTTER TRANSITION	FOOT	150	150						
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4300	3631			669			
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	284	284						
60608521	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24	FOOT	159	159						
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	2665	2665						
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	411	411						
60611811	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)	FOOT	355	355						
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	169	169						
60622320	CONCRETE MEDIAN, TYPE SM-4.24	SQ FT	122	122						
64300430	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 2	EACH	1	1						
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2270	2270						
66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1						
66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24						
67100100	MOBILIZATION	LSUM	1	1						

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USER NAME = Kandrabent	DESIGNED - KJD	REVISED -
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	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 05	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 07
ILLINOIS FED. AID PROJECT CONTRACT NO. 62B16				

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL	80% FED 10% STATE 10% LOCAL	80% FED 20% LOCAL	100% LOCAL	
				ROADWAY 0004	LANDSCAPING 0031	LIGHTING 0021	PARKING 0021	SIDEWALK 0021	WATERMAIN 0043	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	200	200						
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	2327	2327						
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	38105	38105						
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	533	533						
70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	1186	1186						
70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	3086	3086						
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1102	1102						
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1794	1794						
70600235	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	2	2						
70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2						
70600340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	3	3						
72000100	SIGN PANEL - TYPE 1	SQ FT	280	280						
72000200	SIGN PANEL - TYPE 2	SQ FT	10	10						
72000300	SIGN PANEL - TYPE 3	SQ FT	243	243						
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	163	163						
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	222	222						
73302160	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (30" X 5' -6")	FOOT	30	30						
73302210	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7' -0")	FOOT	37	37						
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	22	22						



USER NAME = Ken.drabant
 DESIGNED - KJD
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 PLOT SCALE = 20.0000' / 1" =
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 PLOT DATE = 10/20/2017
 DATE - 10/17/2017
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 06 OF 12 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 08
CONTRACT NO. 62B16			ILLINOIS FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL	80% FED 10% STATE 10% LOCAL	80% FED 20% LOCAL	100% LOCAL	
				ROADWAY 0004	LANDSCAPING 0031	LIGHTING 0021	PARKING 0021	SIDEWALK 0021	WATERMAIN 0043	
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	26	26						
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	2618	2618						
78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	715	715						
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	2820	2820						
78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	272	272						
78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	605	605						
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	4468	3512			956			
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	409	409						
78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	458	458						
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	1259	1259						
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	76	76						
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	49	49						
78100300	REPLACEMENT REFLECTOR	EACH	50	50						
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	89	89						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	77	77						
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2			2				
80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1			1				
81028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA.	FOOT	480			480				
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	524			524				

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USER NAME = Ken.drobent	DESIGNED - KJD	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KJD	REVISED -
PLOT DATE = 10/20/2017	CHECKED - JMG	REVISED -
	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 07	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 09
CONTRACT NO. 62B16			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL	80% FED 10% STATE 10% LOCAL	80% FED 20% LOCAL	100% LOCAL	
				ROADWAY 0004	LANDSCAPING 0031	LIGHTING 0021	PARKING 0021	SIDEWALK 0021	WATERMAIN 0043	
81300320	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"	EACH	2			2				
81603090	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2206			2206				
81702170	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2/0	FOOT	195			195				
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	277			277				
82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1			1				
83006200	LIGHT POLE, ALUMINUM, 30 FT. M.H., 6 FT. MAST ARM	EACH	18			18				
83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	18			18				
83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	18			18				
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4			4				
84200804	REMOVAL OF POLE FOUNDATION	EACH	4			4				
A2002282	TREE, ALNUS X SPAETHII (SPAETHS ALDER), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3		3					
A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	3		3					
A2004416	TREE, GINKGO BILOBA (GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	2		2					
A2004617	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS DRAVES (STREET KEEPER HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1		1					
A2008722	TREE, ULMUS PATRIOT (PATRIOT ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	2		2					
A2064012	TREE, QUERCUS ALBA X ROBUR CRIMSCHMIDT (CRIMSON SPIRE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2		2					
C2C06024	SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, CONTAINER	EACH	90		90					
X0322881	TREE TRIMMING	EACH	20	20						
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	8537	8537						

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USER NAME = Kerdrabant	DESIGNED - KJD	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 08 OF 12 SHEETS	STA.	TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 10
CONTRACT NO. 62B16				ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL	80% FED 10% STATE 10% LOCAL	80% FED 20% LOCAL	100% LOCAL	
				ROADWAY 0004	LANDSCAPING 0031	LIGHTING 0021	PARKING 0021	SIDEWALK 0021	WATERMAIN 0043	
X1400203	LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE B	EACH	18			18				
X1700001	DRILL EXISTING MANHOLE, HEAVY DUTY HANDHOLE, OR MEDIAN WALL JUNCTION BOX	EACH	1	1						
X2010310	TREE REMOVAL (SPECIAL)	UNIT	20		20					
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	6	6						
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	9	9						
X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	612	612						
X4421790	CLASS B PATCHES, TYPE II, 12 INCH (SPECIAL)	SQ YD	12	12						
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	160	160						
X550A562	TEMPORARY STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	39	39						
X5537600	STORM SEWERS TO BE CLEANED 8"	FOOT	316	316						
X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	215	215						
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	435	435						
X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	175	175						
X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	94	94						
X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	390	390						
X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	230	230						
X5538800	STORM SEWERS TO BE CLEANED 48"	FOOT	120	120						
X6022712	CATCH BASINS, TYPE A, 4' -DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	3	3						
X6024502	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE	EACH	3	3						
X6050700	REMOVE INLET BOX	EACH	5	5						
X6061815	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	FOOT	373	373						

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HBM ENGINEERING GROUP, LLC	USER NAME = Kandrabent	DESIGNED - KJD	REVISED -
		DRAWN - KJD	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 09	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62B16	

FINAL DRAWINGS

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL	80% FED 10% STATE 10% LOCAL	80% FED 20% LOCAL	100% LOCAL	
				ROADWAY 0004	LANDSCAPING 0031	LIGHTING 0021	PARKING 0021	SIDEWALK 0021	WATERMAIN 0043	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1						
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	3225	3225						
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	14215	14215						
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	687	687						
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1						
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	11	11						
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	11	11						
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	18			18				
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	1	1						
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	102	102						
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	197	197						
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	49	49						
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	257	257						
Z0062456	TEMPORARY PAVEMENT	SO YD	1235	1235						
Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	197.1	197.1						
Ø Z0076600	TRAINEES	HOUR	2500	2500						
x 2700003	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	780	780						
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	2500	2500						
X0320100	GROOVING FOR RECESSED PAVEMENT MARKING 10"	FOOT	291	291						
x 2700004	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7"	FOOT	780	780						
X0320180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 9"	FOOT	291	291						
X1200161	DUCTILE IRON PIPE WATER MAIN, CLASS 52, 10 INCH (DESPLAINES)	FOOT	1947							1947
X1200162	DUCTILE IRON PIPE WATER MAIN, CLASS 52, 6 INCH (DESPLAINES)	FOOT	150							150

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USER NAME = Ken.drabant	DESIGNED - KJD	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 12
CONTRACT NO. 62B16			ILLINOIS FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE	80% FED 20% STATE	100% LOCAL	80% FED 10% STATE 10% LOCAL	80% FED 20% LOCAL	100% LOCAL
				ROADWAY 0004	LANDSCAPING 0031	LIGHTING 0021	PARKING 0021	SIDEWALK 0021	WATERMAIN 0043
X1200163	CARRIER PIPE , 10 INCH (DES PLAINES)	FOOT	245						245
X1200164	CARRIER PIPE , 6 INCH (DES PLAINES)	FOOT	20						20
X1200165	CASING PIPE, 16 INCH (DES PLAINES)	FOOT	245						245
X1200166	CASING PIPE , 12 INCH (DES PLAINES)	FOOT	20						20
X1200167	CASING SPACERS (DES PLAINES)	EACH	32						32
X5610823	WATER MAIN RESTRAINED JOINT FITTING (DES PLAINES)	POUND	14576						14576
X1200168	GATE VALVE, 10 INCH , 5 FOOT DIA VAULT, FRAME AND CLOSED LID (DES PLAINES)	EACH	7						7
X0120016	FIRE HYDRANT REMOVAL (DES PLAINES)	EACH	5						5
X0120017	FIRE HYDRANT AND AUXILIARY VALVE (DES PLAINES)	EACH	7						7
X1200169	WATER SERVICE AUGERING (DES PLAINES)	FOOT	570						570
X1200170	WATER SERVICE LINE, 1 1/2 INCH (DES PLAINES)	FOOT	570						570
X1200171	WATER SERVICE SADDLES, 1 1/2 INCH (DES PLAINES)	EACH	11						11
X1200172	CORPORATION STOP, 1 1/2 INCH (DES PLAINES)	EACH	11						11
X1200173	CURB STOP, 1 1/2 INCH (DES PLAINES)	EACH	11						11
X1200174	CURB BOX, 1 1/2 INCH (DES PLAINES)	EACH	11						11
X1200175	ABANDON EXISTING VALVE AND VAULT (DES PLAINES)	EACH	6						6
X1200176	CASING PIPE, PVC, WATER SERVICE, 2 INCH (DES PLAINES)	FOOT	570						570
X1200177	PIPE REMOVAL ALL TYPES AND SIZES (DES PLAINES)	FOOT	102						102
X1200178	PRESSURE CONNECTION, 10 INCH (DES PLAINES)	EACH	1						1

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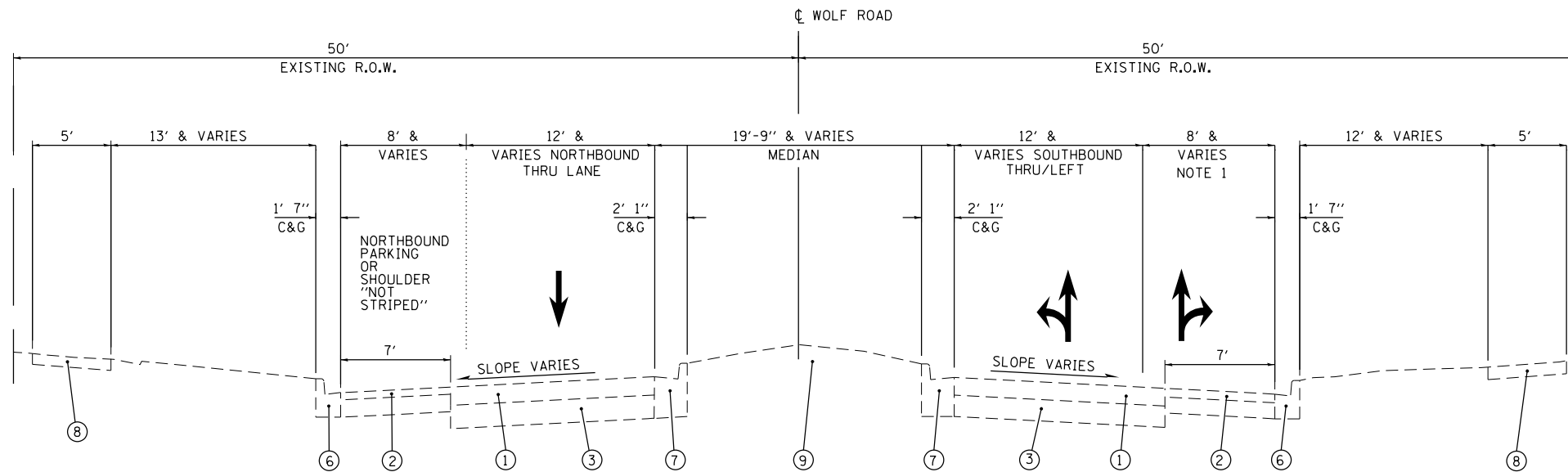
USER NAME = Ken.drobent	DESIGNED - KJD	REVISED -
PLLOT SCALE = 20.0000' / 1" =	DRAWN - KJD	REVISED -
PLLOT DATE = 10/28/2017	CHECKED - JMG	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 11	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 13
ILLINOIS FED. AID PROJECT				

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**TYPICAL EXISTING APPROACH ROADWAY CROSS SECTION
AT WOLF ROAD**

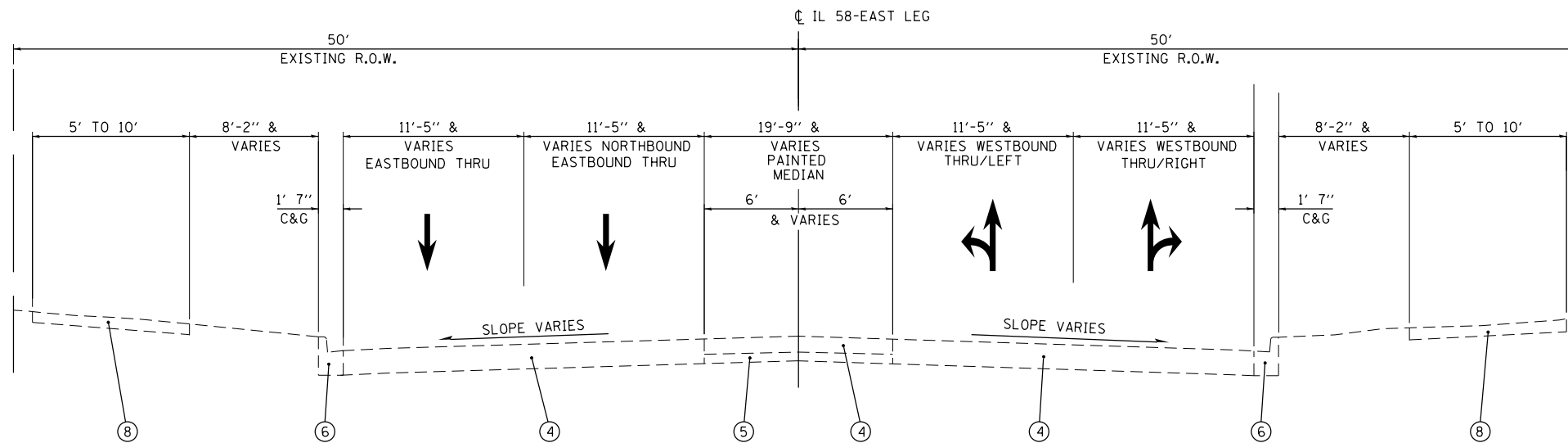
VIEW FACING SOUTH TOWARDS ROUNDABOUT (RAB)

LEGEND

- ① EXISTING HOT-MIX ASPHALT (HMA) (NOTE 2 - 2"-3" THICK)
- ② EXISTING HOT-MIX ASPHALT (HMA) OVERLAY (NOTE 2 - 1.5" THICK)
- ③ EXISTING P.C.C. BASE COURSE, (NOTE 2 - 6.5"-8")
- ④ EXISTING HOT-MIX ASPHALT (HMA) (NOTE 2 - 12"-15" THICK)
- ⑤ EXISTING AGGREGATE (DEPTH UNKNOWN)
- ⑥ EXISTING B-6.12 C&G (GUTTER OVERLAYED WITH HMA AT SOME LOCATIONS)
- ⑦ EXISTING B-6.18 C&G (GUTTER IS COVERED BY HMA AT SOME LOCATIONS)
- ⑧ EXISTING P.C.C. SIDEWALK
- ⑨ EXISTING GRASS MEDIAN

NOTES

1. THE SOUTHBOUND NON -STRIPED PARKING LANE TRANSFORMS INTO A THRU/RIGHT TURN LANE AT THE TRAFFIC CIRCLE APPROACH.
2. THE THICKNESSES/MATERIAL TYPE SHOWN ARE FROM HISTORICAL DRAWINGS AND /OR DERIVES FROM PAVEMENT CORES DATA. THE CONTRACTOR SHALL MAKE HIS/HER JUDGEMENT AS TO THE THICKENESS/MATERIAL TYPE OF PAVEMENT. NO ADDITIONAL COMPENSATION WILL PROVIDED FOR PAYMENT REMOVAL ITEMS IF THE EXISTING PAVEMENT THICKNESSES VARY FROM WHAT IS SHOWN.



**TYPICAL EXISTING APPROACH ROADWAY CROSS SECTION
AT ILLINOIS ROUTE 58 (GOLF ROAD-EAST LEG)**

VIEW FACING WEST TOWARDS ROUNDABOUT (RAB)

P:\1501-630-107-CumberlandLevel\1501-630-107-022-typical1.dgn



USER NAME = Ken.drabant
 PLOT SCALE = 10.0000' / 1" IN.
 PLOT DATE = 12/1/2017

DESIGNED - JMG
 DRAWN - EA
 CHECKED - RB
 DATE - 10/17/2017

REVISED - 12/01/2017
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

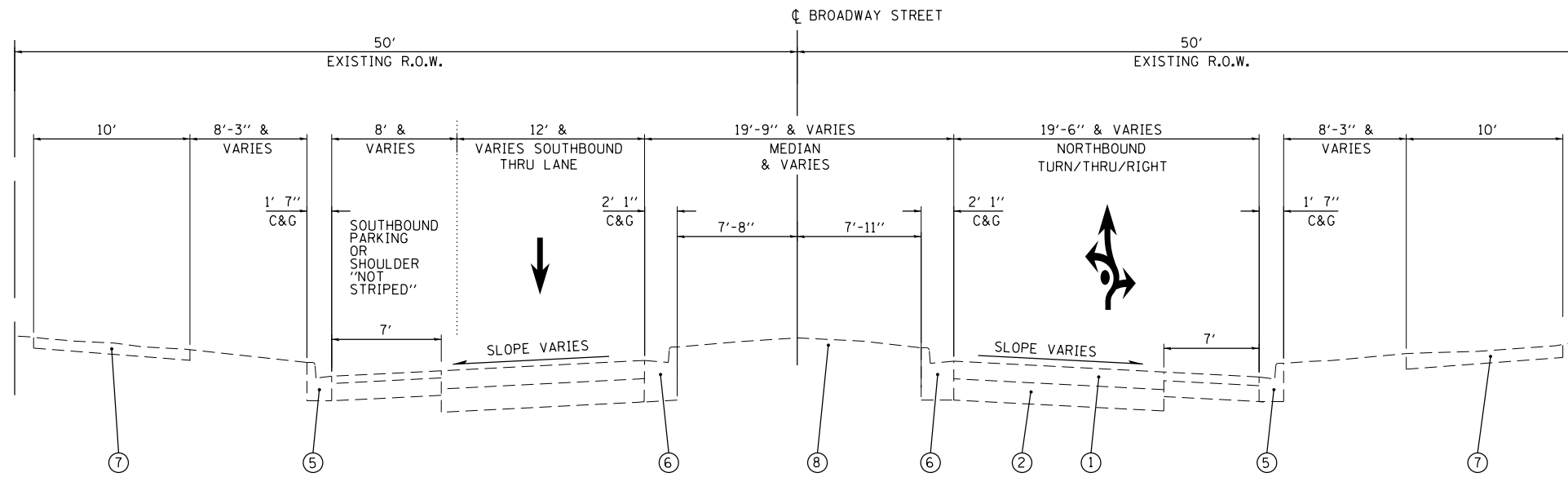
TYPICAL EXISTING APPROACH ROADWAY CROSS SECTION
 WOLF RD. & GOLF RD. (EAST LEG)

SCALE: SHEET 01 OF 08 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	15
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

LEGEND

- ① EXISTING HOT-MIX ASPHALT (HMA) (NOTE 1 - 2.5"-3" THICK)
- ② EXISTING P.C.C PAVEMENT (NOTE 1 - 8.5"-9" THICK)
- ③ EXISTING HOT-MIX ASPHALT (HMA) (NOTE 1 - 3.5"-5.5" THICK)
- ④ EXISTING P.C.C. PAVEMENT (NOTE 1 - 7.5"-10.5" THICK)
- ⑤ EXISTING B-6.12 C&G (GUTTER OVERLAYED WITH HMA AT SOME LOCATIONS)
- ⑥ EXISTING B-6.18 C&G (GUTTER OVERLAYED WITH HMA AT SOME LOCATIONS)
- ⑦ EXISTING P.C.C. SIDEWALK
- ⑧ EXISTING GRASS MEDIAN

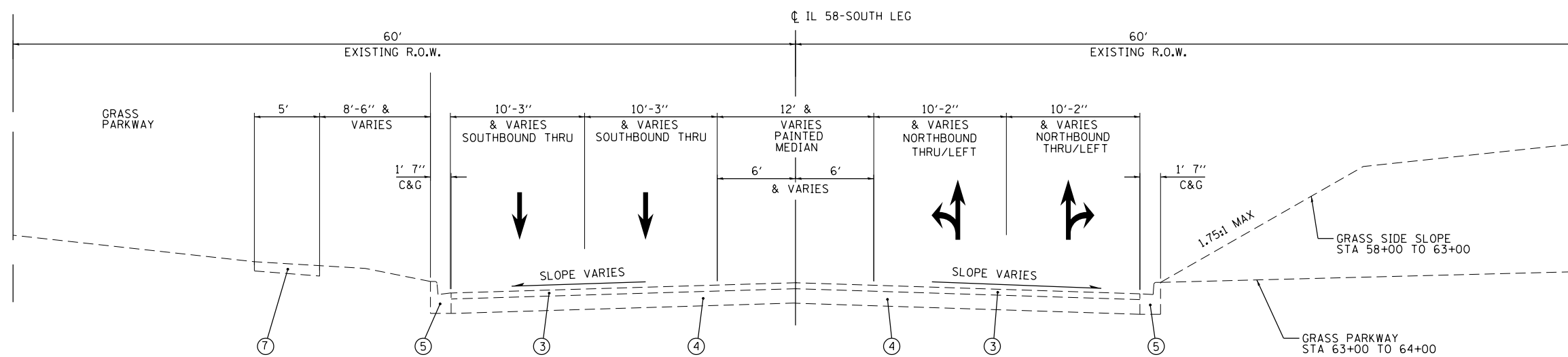


**TYPICAL EXISTING APPROACH ROADWAY CROSS SECTION
AT BROADWAY STREET**

VIEW FACING SOUTH TOWARDS ROUNDABOUT (RAB)

NOTE

1. THE THICKNESSES/MATERIAL TYPE SHOWN ARE FROM HISTORICAL DRAWINGS AND /OR DERIVES FROM PAVEMENT CORES DATA. THE CONTRACTOR SHALL MAKE HIS/HER JUDGEMENT AS TO THE THICKENS'S/MATERIAL TYPE OF PAVEMENT. NO ADDITIONAL COMPENSATION WILL PROVIDED FOR PAYMENT REMOVAL ITEMS IF THE EXISTING PAVEMENT THICKNESSES VARY FROM WHAT IS SHOWN.



**TYPICAL EXISTING APPROACH ROADWAY CROSS SECTION
AT ILLINOIS ROUTE 58 (GOLF ROAD-SOUTH LEG)**

VIEW FACING WEST TOWARDS ROUNDABOUT (RAB)

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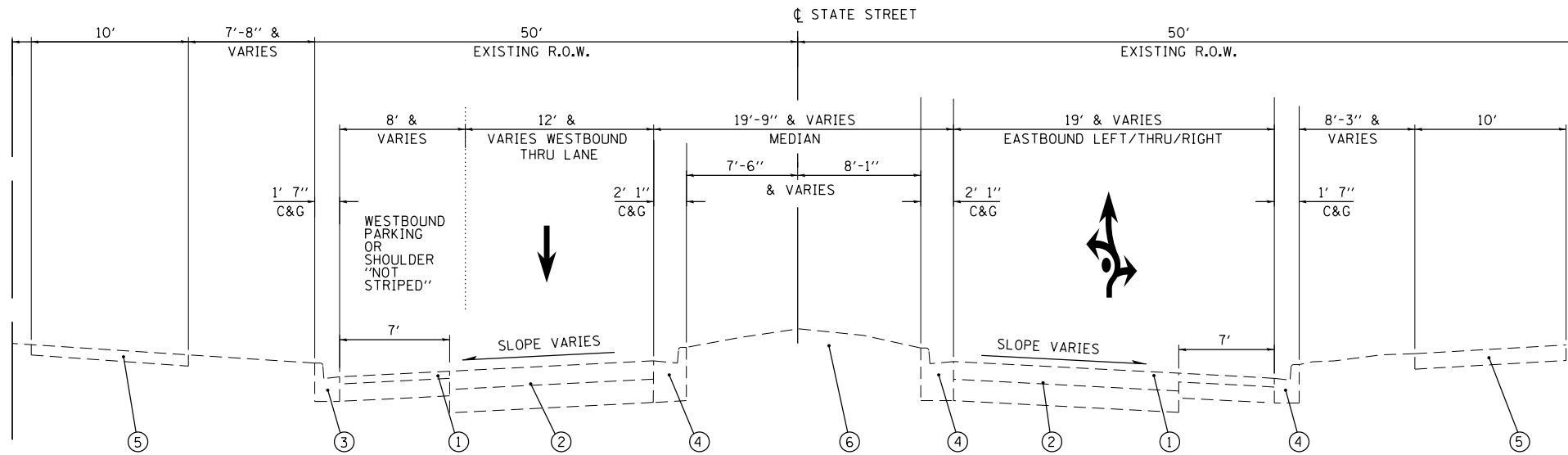
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	DRAWN - EA	REVISED -
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PLOT DATE = 10/20/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL EXISTING APPROACH ROADWAY CROSS SECTION
BROADWAY ST. & GOLF RD. (SOUTH LEG)**

SCALE: SHEET 02 OF 08 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	16
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① EXISTING HOT-MIX ASPHALT (HMA) (1.5"-2.5" THICK)
- ② EXISTING P.C.C PAVEMENT (6.5"-8" THICK)
- ③ EXISTING B-6.12 C&G (GUTTER IS COVERED BY HMA AT SOME LOCATIONS)
- ④ EXISTING B-6.18 C&G (GUTTER IS COVERED BY HMA AT SOME LOCATIONS)
- ⑤ EXISTING P.C.C. SIDEWALK
- ⑥ EXISTING GRASS MEDIAN

NOTE

1. THE THICKNESSES/MATERIAL TYPE SHOWN ARE FROM HISTORICAL DRAWINGS AND /OR DERIVES FROM PAVEMENT CORES DATA. THE CONTRACTOR SHALL MAKE HIS/HER JUDGEMENT AS TO THE THICKENESS/MATERIAL TYPE OF PAVEMENT. NO ADDITIONAL COMPENSATION WILL PROVIDED FOR PAYMENT REMOVAL ITEMS IF THE EXISTING PAVEMENT THICKNESSES VARY FROM WHAT IS SHOWN.

TYPICAL EXISTING APPROACH ROADWAY CROSS SECTION AT STATE STREET

VIEW FACING EAST TOWARDS ROUNDABOUT (RAB)

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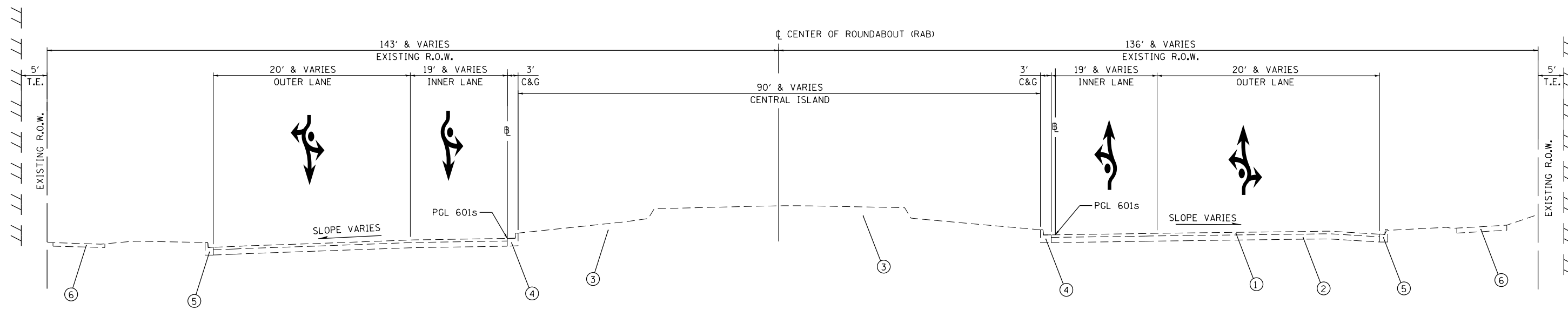
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	DRAWN - EA	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - RB	REVISED -
PLOT DATE = 10/20/2017	DATE - 10/17/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL EXISTING APPROACH ROADWAY CROSS SECTION
STATE ST.

SCALE: SHEET 03 OF 08 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	17
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



**TYPICAL EXISTING ROUNDABOUT (RAB) CROSS SECTION
AT ILLINOIS ROUTE 58 (CUMBERLAND CIRCLE) – 5 TOTAL LEGS**

CUMBERLAND CIRCLE

LEGEND

- ① EXISTING HOT-MIX ASPHALT (HMA) (NOTE 1 - 1.5"-2.5" THICK)
- ② EXISTING P.C.C PAVEMENT (NOTE 1 - 6.5"-8" THICK)
- ③ EXISTING LANDSCAPED CENTRAL ISLAND
- ④ EXISTING B-6.12 C&G (GUTTER OVERLAYED WITH HMA AT SOME LOCATIONS)
- ⑤ EXISTING B-6.18 C&G (GUTTER OVERLAYED WITH HMA AT SOME LOCATIONS)
- ⑥ EXISTING P.C.C. SIDEWALK

NOTE

1. THE THICKNESSES/MATERIAL TYPE SHOWN ARE FROM HISTORICAL DRAWINGS AND /OR DERIVES FROM PAVEMENT CORES DATA. THE CONTRACTOR SHALL MAKE HIS/HER JUDGEMENT AS TO THE THICKENESS/MATERIAL TYPE OF PAVEMENT. NO ADDITIONAL COMPENSATION WILL PROVIDED FOR PAYMENT REMOVAL ITEMS IF THE EXISTING PAVEMENT THICKNESSES VARY FROM WHAT IS SHOWN.

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USER NAME = Ken.drabant	DESIGNED - JMG	REVISED - 12/01/2017
	DRAWN - EA	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL EXISTING APPROACH ROADWAY CROSS SECTION
CUMBERLAND CIRCLE**

SCALE: SHEET 04 OF 08 SHEETS STA. TO STA.

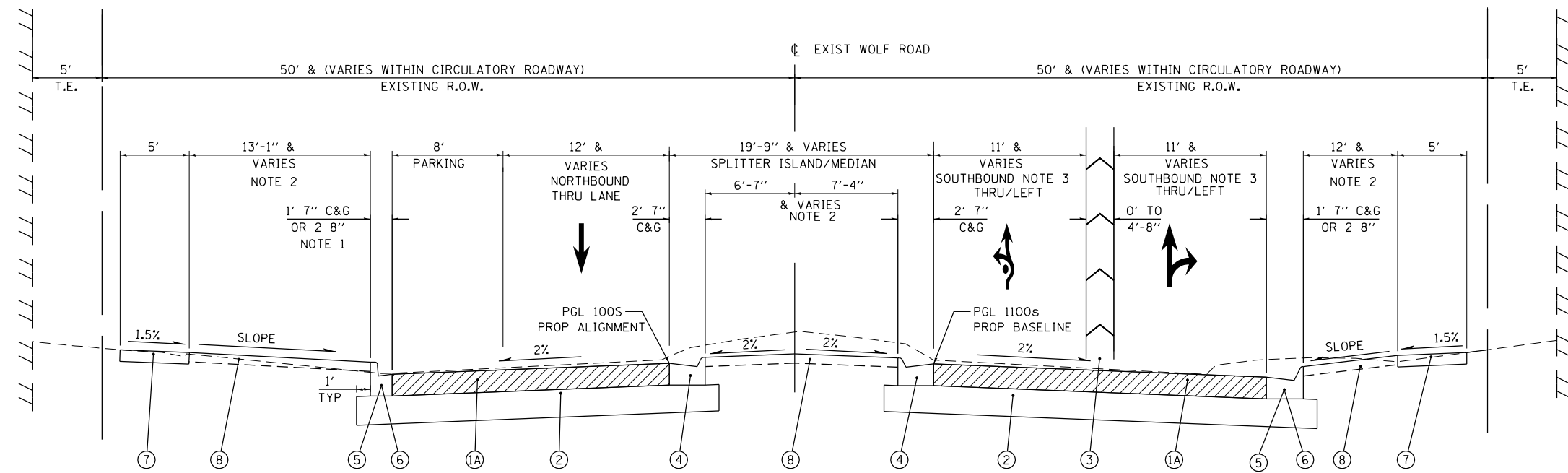
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	18
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

LEGEND

- ① PROPOSED 9 3/4" P.C.C PAVEMENT (JOINTED)
- ①A PROPOSED 8 1/4" P.C.C PAVEMENT (JOINTED)
- ② PROPOSED 12" AGGREGATE SUBGRADE IMPROVEMENT
- ③ PROPOSED STRIPING BETWEEN TURN LANES
- ④ PROPOSED M-4.24 C&G (2'7" WIDE) "SPLITTER ISLAND ONLY"
- ⑤ PROPOSED M-6.24 C&G (2'8" WIDE) "CIRCULATORY REGION TO CROSS-WALK"
- ⑥ PROPOSED B-6.12 C&G (1'7" WIDE) "CROSS-WALK TO PROJECT LIMITS"
- ⑦ PROPOSED P.C.C. SIDEWALK 5"
- ⑧ PROPOSED FURNISHED AND PLACING TOPSOIL, 4" (SEE LANDSCAPE PLAN FOR SEEDING TYPE OR SODDING)

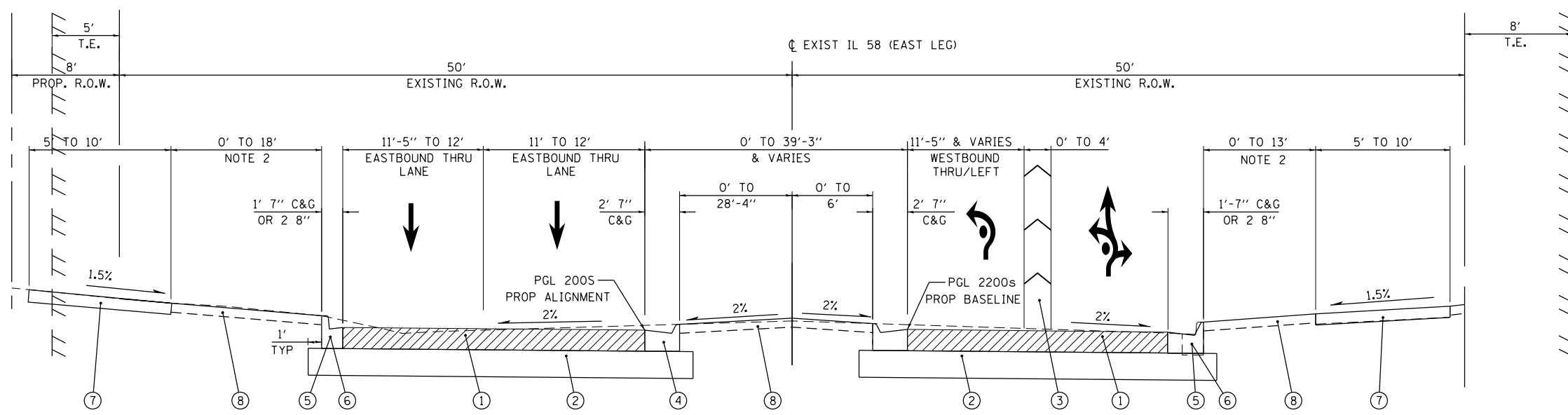
NOTES

1. TRANSITION FROM M-6.24 C&G TO B-6.12 C&G OVER 15'. CURB AND GUTTER TRANSITION SHALL BE LOCATED SO THAT THE CENTER OF C&G TRANSITION IS COINCIDENT WITH CENTER OF THE ADA SIDEWALK RAMP. THE B-6.12 C&G IS FROM THE PROJECT LIMIT TO THE CROSS-WALK.
2. LANDSCAPED PARKWAY OR SPLITTER ISLAND
3. THE DUAL TURN LANES AS SHOWN ON THIS TYPICAL SECTION WILL TRANSITION TO ONE 12-FOOT THRU LANE & ONE 8-FOOT PARKING LANE (NOT STRIPED).
4. SEE JOINTING PLANS FOR LIMITS OF 9 3/4" AND 8 1/4" P.C.C PAVEMENT



TYPICAL PROPOSED APPROACH ROADWAY CROSS SECTION AT WOLF ROAD

VIEW FACING SOUTH TOWARDS ROUNDABOUT (RAB)



TYPICAL PROPOSED APPROACH ROADWAY CROSS SECTION AT ILLINOIS ROUTE 58 (GOLF ROAD-EAST LEG)

VIEW FACING WEST TOWARDS ROUNDABOUT (RAB)

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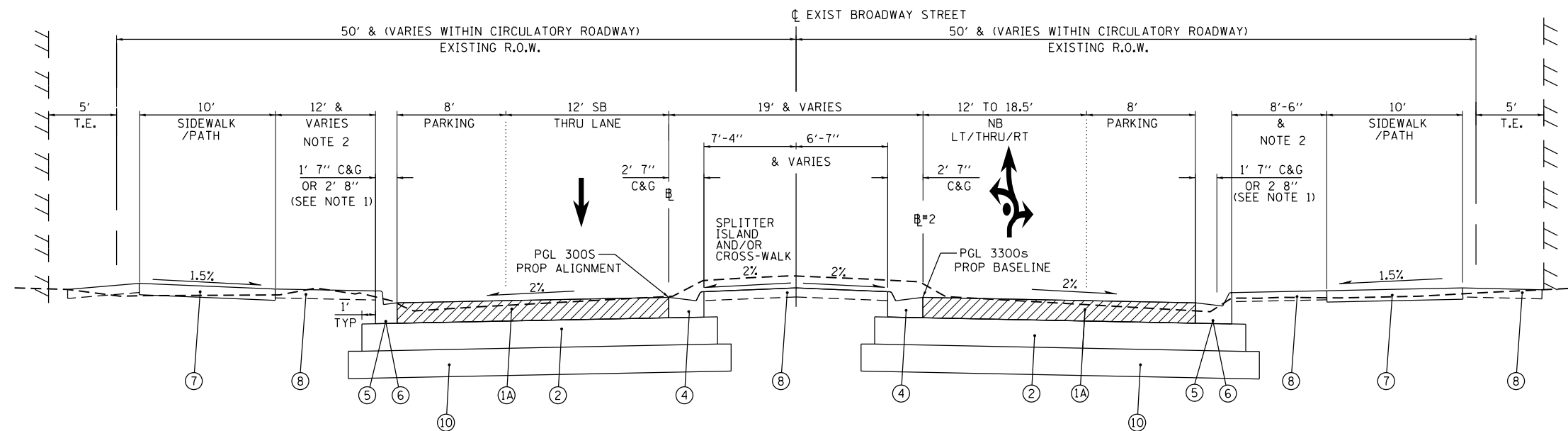
DESIGNED - JMG
 DRAWN - EA
 CHECKED - RB
 DATE - 10/17/2017

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL PROPOSED APPROACH ROADWAY CROSS SECTION
 WOLF RD. & GOLF RD. (EAST LEG)
 SCALE: SHEET 05 OF 08 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	19
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

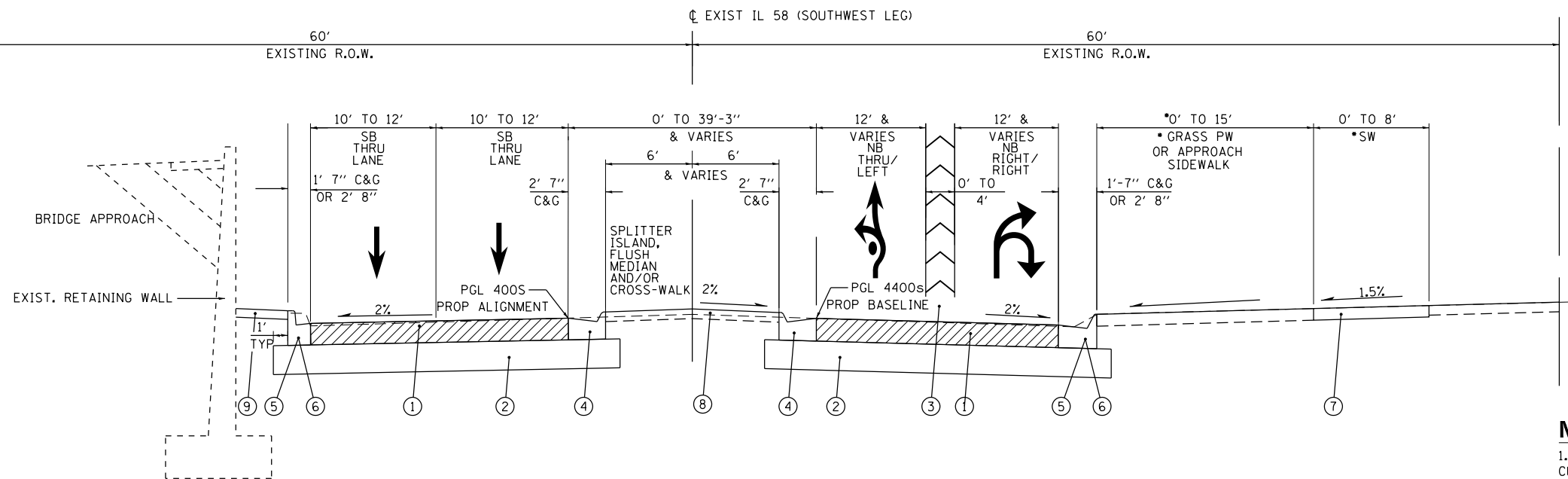


**TYPICAL PROPOSED APPROACH ROADWAY CROSS SECTION
AT BROADWAY STREET**

VIEW FACING NORTHWEST TOWARDS ROUNDABOUT (RAB)

LEGEND

- ① PROPOSED 9 3/4" P.C.C PAVEMENT (JOINTED)
- ①A PROPOSED 8" P.C.C PAVEMENT (JOINTED)
- ② PROPOSED 12" AGGREGATE SUBGRADE IMPROVEMENT
- ③ PROPOSED STRIPING BETWEEN TURN LANES
- ④ PROPOSED M-4.24 C&G (2'7" WIDE) "SPLITTER ISLAND ONLY"
- ⑤ PROPOSED M-6.24 C&G (2'8" WIDE) "CIRCULATORY REGION TO CROSS-WALK"
- ⑥ PROPOSED B-6.12 C&G (1'7" WIDE) "CROSS-WALK TO PROJECT LIMITS"
- ⑦ PROPOSED P.C.C. SIDEWALK 5"
- ⑧ PROPOSED FURNISHED AND PLACING TOPSOIL, 4" (SEE LANDSCAPE PLAN FOR SEEDING TYPE OR SODDING)
- ⑨ PORTLAND CEMENT CONCRETE SHOULDER 6"
- ⑩ AGGREGATE SUBGRADE IMPROVEMENT (LIMITS FIELD VERIFIED) APPROXIMATE LIMITS OF UNDERCUT STA 300+00 TO STA 302+00 AND ± 1' DEPTH



**TYPICAL PROPOSED APPROACH ROADWAY CROSS SECTION
ILLINOIS ROUTE 58 (CUMBERLAND CIRCLE) AT ILLINOIS ROUTE 58 (GOLF ROAD-SOUTHWEST LEG)**

VIEW FACING WEST TOWARDS ROUNDABOUT (RAB)

NOTES

- 1. TRANSITION FROM M-6.24 C&G TO B-6.12 C&G OVER 15'. CURB AND GUTTER TRANSITION SHALL BE LOCATED SO THAT THE CENTER OF C&G TRANSITION IS COINCIDENT WITH CENTER OF THE ADA SIDEWALK RAMP. THE B-6.12 C&G IS FROM THE PROJECT LIMIT TO THE CROSS-WALK.
- 2. LANDSCAPED PARKWAY OR SPLITTER ISLAND
- 3. SEE JOINTING PLANS FOR LIMITS OF 9 3/4" AND 8" P.C.C PAVEMENT

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USER NAME = Ken.drabant
 DRAWN - EA
 CHECKED - RB
 DATE - 10/17/2017
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/11/2017

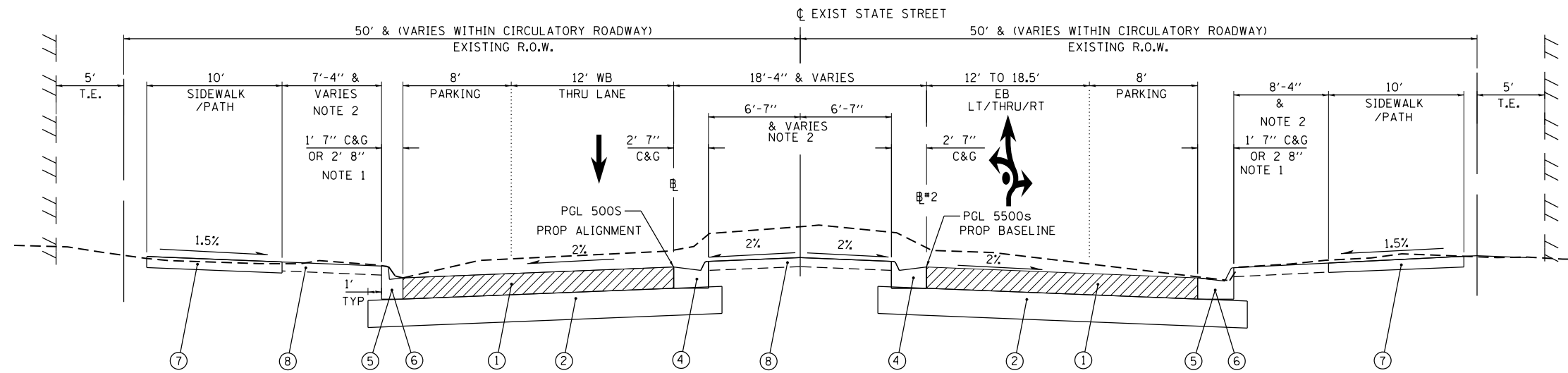
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 CHECKED - RB
 DATE - 10/17/2017
 REVISED - 12/01/2017
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL PROPOSED APPROACH ROADWAY CROSS SECTION
BROADWAY ST. & GOLF RD. (SOUTH LEG)**

SCALE: SHEET 06 OF 08 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	20
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



**TYPICAL PROPOSED APPROACH ROADWAY CROSS SECTION
AT STATE STREET**

VIEW FACING EAST TOWARDS ROUNDABOUT (RAB)

LEGEND

- ① PROPOSED 8" P.C.C PAVEMENT (JOINTED)
- ② PROPOSED 12" AGGREGATE SUBGRADE IMPROVEMENT
- ③ PROPOSED STRIPING BETWEEN TURN LANES
- ④ PROPOSED M-4.24 C&G (2'7" WIDE) "SPLITTER ISLAND ONLY"
- ⑤ PROPOSED M-6.24 C&G (2'8" WIDE) "CIRCULATORY REGION TO CROSS-WALK"
- ⑥ PROPOSED B-6.12 C&G (1'7" WIDE) "CROSS-WALK TO PROJECT LIMITS"
- ⑦ PROPOSED P.C.C. SIDEWALK 5"
- ⑧ PROPOSED FURNISHED AND PLACING TOPSOIL, 4" (SEE LANDSCAPE PLAN FOR SEEDING TYPE OR SODDING)

NOTES

- 1. TRANSITION FROM M-6.24 C&G TO B-6.12 C&G OVER 15'. CURB AND GUTTER TRANSITION SHALL BE LOCATED SO THAT THE CENTER OF C&G TRANSITION IS COINCIDENT WITH CENTER OF THE ADA SIDEWALK RAMP. THE B-6.12 C&G IS FROM THE PROJECT LIMIT TO THE CROSS-WALK.
- 2. LANDSCAPED PARKWAY OR SPLITTER ISLAND

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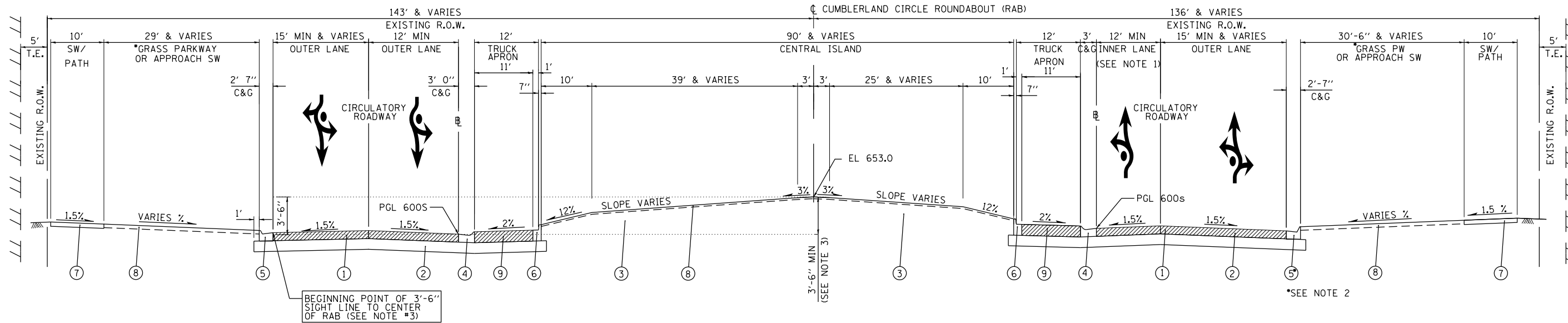


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	DRAWN - EA	REVISED -
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PLOT DATE = 10/20/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PROPOSED APPROACH ROADWAY CROSS SECTION STATE ST.			
SCALE:	SHEET 07	OF 08 SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 21
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



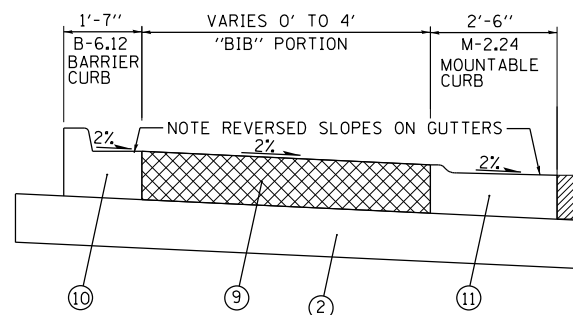
**TYPICAL PROPOSED ROUNDABOUT (RAB) CROSS SECTION
ILLINOIS ROUTE 58 (CUMBERLAND CIRCLE) – 5 TOTAL LEGS**

LEGEND

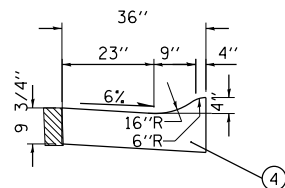
- ① PROPOSED 9 3/4" P.C.C PAVEMENT (JOINTED)
- ② PROPOSED 12" AGGREGATE SUBGRADE IMPROVEMENT
- ③ PROPOSED LANDSCAPED CENTRAL ISLAND
- ④ PROPOSED COMBINATION CURB AND GUTTER, TYPE M (MODIFIED) (3' WIDE) FOR INNER EDGE-OF-PAVEMENT - SEE C&G DETAIL
- ⑤ PROPOSED M-6.24 C&G (2'8" WIDE) FOR "OUTER" EDGE-OF-PAVEMENT
- ⑥ PROPOSED B-9.12 C&G (WITH REVERSE GUTTER CROSS-SLOPE TO FOLLOW 2% TRUCK APRON)
- ⑦ PROPOSED P.C.C. SIDEWALK 5"
- ⑧ PROPOSED FURNISHED AND PLACING TOPSOIL, 4" (SEE LANDSCAPE PLAN FOR SEEDING TYPE OR SODDING)
- ⑨ PROPOSED COLORED PCC SHOULDER 12"
- ⑩ PROPOSED B-6.12 C&G (1'7" WIDE) WITH A REVERSED GUTTER SLOPE OF 2%
- ⑪ PROPOSED M-2.24 C&G (2'6" WIDE) WITH A REVERSED GUTTER SLOPE OF 2%

NOTES

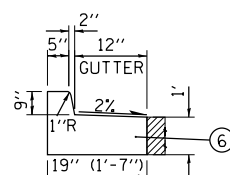
1. A PORTION OF THE RAB LANE CONFIGURATION HAS ONLY ONE CIRCULAR LANE (SEE PLAN FOR LANE CONFIGURATIONS).
2. PROVIDE TRUCK BIB (SEE PLAN FOR LOCATION AND TRUCK BIB DETAIL ON THIS SHEET).
3. A MINIMUM MOUND HEIGHT OF 3'-6" IS REQUIRED AT THE CENTER OF THE RAB TO THE ENTRANCE OF THE "OUTER" CIRCULATORY LANE. THE SLOPES IN THE CENTRAL ISLANDS' MOUND CAN BE ADJUSTED TO MEET THE REQUIRED 3'-6" DIMENSION IN THE FIELD.



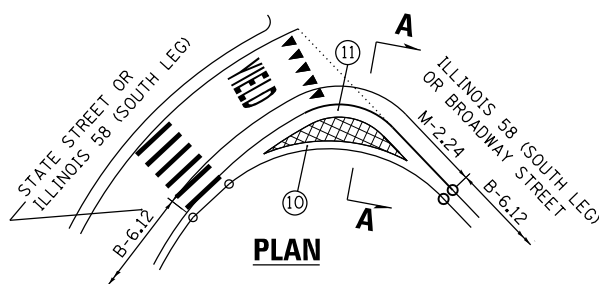
SECTION A-A



**DETAIL
COMBINATION CURB AND GUTTER,
TYPE M (MODIFIED)**



**DETAIL
COMBINATION C&G B-9.12 REVERSED CROSS SLOPE**



DETAIL – TRUCK BIB

PA:1501-630-W07-CumberlandCircle-58-500-Sheets-0162B16-ant-027-typical-8.dgn



USER NAME = Kendarabnt	DESIGNED - JMG	REVISED - 12/01/2017
PLOT SCALE = 20.0000' / in.	DRAWN - EA	REVISED -
PLOT DATE = 12/11/2017	CHECKED - RB	REVISED -
	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL PROPOSED APPROACH ROADWAY CROSS SECTION
CUMBERLAND CIRCLE**

SCALE: SHEET 08 OF 08 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	22
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE					
LOCATION	EARTH EXCAVATION	EARTHWORK EXCAVATION ADJUSTED FOR SHRINKAGE (1)	EMBANKMENT	EARTHWORK BALANCEWASTE (+) OR SHORTAGE (-)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
STATION	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
WOLF ROAD					
STA. 50+52.7 TO STA. 51+00	109.35	92.95	131.34	-38.39	0
STA. 51+00 TO STA. 51+41.64	130.78	111.16	47.24	63.92	0
STA. 51+41.64 TO STA. 52+00	285.81	242.94	5.49	237.45	0
STA. 52+00 TO STA. 52+50	237.14	201.57	0.00	201.57	0
STA. 52+50 TO STA. 53+00	158.77	134.95	0.00	134.95	0
STA. 53+00 TO STA. 53+50	117.23	99.65	0.00	99.65	0
STA. 53+50 TO STA. 54+00	97.24	82.65	2.56	80.09	0
TOTAL	1137.00	966.00	187.00	780	0
GOLF ROAD - EAST LEG					
STA. 65+00 TO STA. 65+50	153.72	130.66	73.45	57.21	0
STA. 65+50 TO STA. 66+21.43	83.94	71.35	77.45	-6.10	0
STA. 66+21.43 TO STA. 66+50	36.95	31.41	25.34	6.07	0
STA. 66+50 TO STA. 67+00	88.27	76.03	14.4	60.63	0
STA. 67+00 TO STA. 67+50	103.48	87.96	0.00	87.96	0
STA. 67+50 TO STA. 68+00	98.91	84.07	0.00	84.07	0
STA. 68+00 TO STA. 68+50	86.82	73.8	12.38	61.42	0
STA. 68+50 TO STA. 69+00	85.23	72.45	12.38	60.07	0
TOTAL	738	627	216	412	0
BROADWAY STREET					
STA. 51+27.05 TO STA. 51+50	47.75	40.59	11.69	28.90	0
STA. 51+50 TO STA. 52+00	117.62	99.98	9.12	90.86	0
STA. 52+00 TO STA. 52+50	120.41	102.35	2.94	99.41	0
STA. 52+50 TO STA. 53+00	138.10	117.39	2.39	115.00	0
STA. 53+00 TO STA. 53+50	151.37	128.66	0.00	128.66	0
STA. 53+50 TO STA. 54+00	104.63	88.94	0.00	88.94	0
STA. 54+00 TO STA. 54+50	56.65	48.15	0.09	48.06	213.12
STA. 54+50 TO STA. 55+00	53.99	45.89	0.09	45.80	211.03
STA. 55+00 TO STA. 55+50	27.66	23.51	1.38	22.13	245.08
STA. 55+50 TO STA. 56+00	19.68	16.73	1.50	15.23	219.54
TOTAL	838	713	30	683	889
GOLF RD - SOUTHWEST LEG					
STA. 59+00 TO STA. 59+50	197.81	168.14	24.33	143.81	0
STA. 59+50 TO STA. 60+00	347.43	295.32	63.99	231.33	0
STA. 60+00 TO STA. 60+50	307.20	261.12	64.33	196.79	0
STA. 60+50 TO STA. 61+00	251.21	213.53	43.07	170.46	0
STA. 61+00 TO STA. 61+50	214.01	181.91	40.06	141.85	0
STA. 61+50 TO STA. 62+00	182.86	155.43	29.82	125.61	0
STA. 62+00 TO STA. 62+50	180.42	153.36	29.72	123.64	0
STA. 62+50 TO STA. 63+00	188.48	160.21	39.67	120.54	0
STA. 63+00 TO STA. 63+50	158.38	134.62	45.06	89.56	0
TOTAL	2028	1724	380.05	1344	0
STATE STREET					
STA. 60+50 TO STA. 61+00	89.95	76.46	0.32	76.14	0
STA. 61+00 TO STA. 61+50	117.77	100.10	0.25	99.85	0
STA. 61+50 TO STA. 62+00	150.39	127.83	0.44	127.39	0
STA. 62+00 TO STA. 62+50	188.72	160.41	0.27	160.14	0
STA. 62+50 TO STA. 63+00	207.07	176.01	0.60	175.41	0
STA. 63+00 TO STA. 63+50	185.91	158.02	11.46	146.56	0
STA. 63+50 TO STA. 64+00	191.85	163.07	36.81	126.26	0
STA. 64+00 TO STA. 64+50	199.18	169.3	100.96	68.34	0
STA. 64+50 TO STA. 65+00	463.91	394.32	150.11	244.21	0
TOTAL	1795	1526	302	1225	0
TOTAL	6536	5556	1116	+4444	889

(1) 15% SHRINKAGE FACTOR

SOIL REMOVAL INCLUDED IN COST OF INSTALLED ELEMENTS NOT INCLUDED IN EARCHWORK BALANCE

	CUBIC YARD
SEWER & WATERMAIN TRENCH	7100.69
SHAFTS	22.3
LIGHT POLES	1.62
TOTAL	7124.61

D:\1501-630-W07-CumbarandLevel\1501-630-Schedule-1.dwg



USER NAME = Kenrabant	DESIGNED - MAA	REVISED - 12/01/2017
PLOT SCALE = 2.0000' / in.	DRAWN - MAA	REVISED -
PLOT DATE = 12/1/2017	CHECKED - JMG	REVISED -
	DATE - 10/17/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 01	OF 03 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	23
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

POINT	LOCATION		TREE SCHEDULE				
			TEMPORAY FENCE	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)
NUMBER	STATION	OFFSET	FOOT	UNIT	UNIT	EACH	EACH
WOLF ROAD							
1	50+68.02	99.33	-	8	-	-	-
2	50+72.55	-90.78	12.5	-	-	1	-
3	50+85.86	81.38	12.5	-	-	1	-
4	50+98.07	-65.76	12.5	-	-	1	-
5	51+20.60	45.62	-	-	-	-	-
6	51+59.71	35.30	12.5	-	-	-	1
7	52+10.43	-37.04	12.5	-	-	1	-
8	52+21.72	0.05	12.5	-	-	-	1
9	52+25.08	0.38	12.5	-	-	1	-
10	52+65.80	-37.51	12.5	-	-	-	1
11	52+77.10	-0.13	12.5	-	-	1	-
12	52+80.93	-0.72	12.5	-	-	-	1
13	53+06.44	-37.00	12.5	-	-	1	-
14	53+25.49	0.19	12.5	-	-	1	-
15	53+34.16	-37.43	12.5	-	-	1	-
16	53+49.37	38.86	12.5	-	-	-	1
17	53+50.73	37.90	12.5	-	-	-	1
18	53+65.46	-0.79	12.5	-	-	1	-
19	53+81.33	38.65	12.5	-	-	-	1
20	53+91.21	-37.54	12.5	-	-	-	1
TOTAL			225	8	-	10	8
GOLF RD - EAST LEG							
40	66+21.34	-44.16	-	-	-	-	-
41	66+95.99	-35.04	12.5	-	-	-	1
42	67+10.94	35.71	-	-	-	-	-
43	67+68.00	36.16	12.5	-	-	1	-
44	68+25.76	54.44	12.5	-	-	1	-
45	68+26.89	55.41	12.5	-	-	1	-
46	68+55.76	-54.22	12.5	-	-	-	1
47	68+66.96	36.76	12.5	-	-	1	-
48	68+90.61	36.75	12.5	-	-	1	-
TOTAL			87.5	9	-	5	2
BROADWAY STREET							
60	51+07.67	-59.50	12.5	-	-	-	1
61	51+47.30	-0.46	-	9	-	-	-
62	51+64.36	34.96	12.5	-	-	-	1
63	52+32.39	-0.91	12.5	-	-	1	-
64	52+82.79	0.16	12.5	-	-	1	-
65	52+95.13	-35.98	12.5	-	-	1	-
66	53+19.16	-35.68	12.5	-	-	1	-
67	53+29.94	34.77	12.5	-	-	-	1
68	53+33.10	0.25	12.5	-	-	1	-
69	53+37.19	-36.13	12.5	-	-	1	-
70	53+80.60	0.45	12.5	-	-	1	-
71	54+33.13	-0.08	12.5	-	-	1	-
72	54+53.59	-35.58	12.5	-	-	-	1
73	54+82.95	0.48	12.5	-	-	1	-
74	54+98.63	-35.61	12.5	-	-	-	1
TOTAL			175.0	9	-	9	5
GOLF RD - SOUTHWEST LEG							
75	62+20.88	-35.01	12.5	-	-	-	1
76	62+45.93	39.35	-	14	-	-	-
TOTAL			12.5	14	-	-	1
STATE STREET							
80	60+60.15	-0.40	12.5	-	-	1	-
81	61+00.25	-0.36	-	-	-	-	-
82	61+41.57	-34.69	12.5	-	-	1	-
83	61+73.93	34.90	-	-	-	-	-
84	61+76.35	0.20	12.5	-	-	1	-
85	62+04.07	35.69	-	-	-	-	-
86	62+16.57	0.53	12.5	-	-	1	-
87	62+29.57	-0.66	12.5	-	-	1	-
88	62+51.36	-34.58	12.5	-	-	-	1
89	62+74.26	-0.51	12.5	-	-	1	-
90	62+74.70	0.84	12.5	-	-	1	-
91	62+83.59	35.99	-	-	26	-	-
92	63+23.92	36.48	-	-	17	-	-
93	63+25.61	0.36	-	-	-	-	-
94	63+34.93	-35.40	12.5	-	-	-	1
TOTAL			112.5	-	43	7	2

PROPOSED TREE SCHEDULE			
TREE TYPE	STATION	OFFSET	EXISTING BASELINE
TREE, QUERCUS ALBA X ROBUR CRIMSMIDT (CRIMSON SPIRE OAK), 2 1/2" CALIPER, BALLED AND BURLAPPED	62+13.13	35.95 RT.	STATE STREET (EB)
TREE, QUERCUS ALBA X ROBUR CRIMSMIDT (CRIMSON SPIRE OAK), 2 1/2" CALIPER, BALLED AND BURLAPPED	62+74.40	35.95 RT.	STATE STREET (EB)
TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS DRAVES (STREET KEEPER HONEYLOCUST), 2 1/2" CALIPER, BALLED AND BURLAPPED	63+80.28	40.90 RT.	STATE STREET (EB)
TREE, ULMUS PATRIOT (PATRIOT ELM), 2" CALIPER, BALLED AND BURLAPPED	63+74.77	59.19 RT.	IL. RTE 58 (GOLF ROAD SOUTHWEST LEG)
TREE, GINKGO BILOBA (GINKGO), 2 1/2" CALIPER, BALLED AND BURLAPPED	63+40.01	58.97 RT.	IL. RTE 58 (GOLF ROAD SOUTHWEST LEG)
TREE, ALNUS X SPAETHII (SPAETHS ALDER), 2-1/2" CALIPER, BALLED AND BURLAPPED	60+90.00	40.00 RT.	IL. RTE 58 (GOLF ROAD SOUTHWEST LEG)
TREE, ALNUS X SPAETHII (SPAETHS ALDER), 2-1/2" CALIPER, BALLED AND BURLAPPED	61+30.00	40.00 RT.	IL. RTE 58 (GOLF ROAD SOUTHWEST LEG)
TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	59+25.00	42.00 RT.	IL. RTE 58 (GOLF ROAD SOUTHWEST LEG)
TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	59+70.00	42.00 RT.	IL. RTE 58 (GOLF ROAD SOUTHWEST LEG)
SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, CONTAINER	60+15.00	42.00 RT.	IL. RTE 58 (GOLF ROAD SOUTHWEST LEG)
SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, CONTAINER	59+47.50	42.00 RT.	IL. RTE 58 (GOLF ROAD SOUTHWEST LEG)
SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, CONTAINER	59+92.50	42.00 RT.	IL. RTE 58 (GOLF ROAD SOUTHWEST LEG)
SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, CONTAINER	60+37.50	42.00 RT.	IL. RTE 58 (GOLF ROAD SOUTHWEST LEG)
TREE, GINKGO BILOBA (GINKGO), 2 1/2" CALIPER, BALLED AND BURLAPPED	51+82.63	34.00 RT.	BROADWAY STREET
TREE, ALNUS X SPAETHII (SPAETHS ALDER), 2 1/2" CALIPER, BALLED AND BURLAPPED	52+25.28	34.85 RT.	BROADWAY STREET
TREE, ULMUS PATRIOT (PATRIOT ELM), 2" CALIPER, BALLED AND BURLAPPED	66+02.17	63.66 LT.	IL. RTE 58 (GOLF ROAD EAST LEG)

P:\1501-630-W07-Cumberland\Drawings\1501-630-Submittal\1501-630-Submittal-2.dwg



USER NAME = KenDrabant
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 10/20/2017

DESIGNED - MAA
 DRAWN - MAA
 CHECKED - JMG
 DATE - 10/17/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 02 OF 03 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	24
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURES TO BE ADJUSTED /REMOVED OR RECONSTRUCTED

POINT NUMBER	LOCATION	STATION	OFFSET	STRUCTURE TYPE		PROPOSED WORK
1	WOLF RD	50+03.67	-2.55	STORM SEWER	MANHOLE	1
2	WOLF RD	50+35.42	-43.43	SANITARY	MANHOLE	2
3	WOLF RD	50+39.58	44.68	SANITARY	MANHOLE	2
4	WOLF RD	50+80.92	72.64	WATER	CATCH BASIN	3
5	WOLF RD	51+41.59	-0.70	WATER	VALVE VAULT	• 2, 5
6	WOLF RD	51+92.74	-36.20	WATER	MANHOLE	2
7	WOLF RD	53+88.24	7.25	STORM SEWER	MANHOLE	2
8	GOLF RD EAST LEG	66+30.41	-41.28	WATER	VALVE VAULT	2
9	GOLF RD EAST LEG	66+36.28	34.60	SANITARY	MANHOLE	2
10	GOLF RD EAST LEG	66+41.50	-35.60	SANITARY	MANHOLE	2
11	GOLF RD EAST LEG	66+43.26	0.16	WATER	VALVE VAULT	• 2, 5
12	GOLF RD EAST LEG	66+90.02	35.89	WATER	WATER METER	2
13	GOLF RD EAST LEG	66+92.35	0.90	WATER	VALVE VAULT	• 2, 5
14	GOLF RD EAST LEG	67+27.49	-20.30	STORM SEWER	MANHOLE	2
15	GOLF RD EAST LEG	67+27.51	-29.54	SANITARY	CATCH BASIN	2
16	GOLF RD EAST LEG	67+32.76	29.31	STORM SEWER	CATCH BASIN	2
17	GOLF RD EAST LEG	67+98.32	37.56	STORM SEWER	CATCH BASIN	2
18	GOLF RD EAST LEG	68+03.24	43.33	SANITARY	MANHOLE	2
19	GOLF RD EAST LEG	68+06.04	-37.03	SANITARY	MANHOLE	2
20	GOLF RD EAST LEG	68+13.63	-33.27	STORM SEWER	CATCH BASIN	2
21	GOLF RD EAST LEG	68+23.35	-51.53	WATER	VALVE VAULT	• 2, 5
22	GOLF RD EAST LEG	68+30.52	29.02	STORM SEWER	CATCH BASIN	2
23	GOLF RD EAST LEG	68+43.95	-26.04	STORM SEWER	MANHOLE	2
24	GOLF RD EAST LEG	68+53.52	-33.20	STORM SEWER	CATCH BASIN	2
25	BROADWAY ST	50+92.09	0.28	WATER	VALVE VAULT	* 2, 5
26	BROADWAY ST	51+34.33	-37.15	SANITARY	MANHOLE	2
27	BROADWAY ST	51+91.36	28.84	WATER	CATCH BASIN	2
28	BROADWAY ST	52+02.59	44.84	SANITARY	MANHOLE	2
29	BROADWAY ST	53+77.43	36.56	SANITARY	MANHOLE	2
30	BROADWAY ST	54+02.31	-37.45	SANITARY	MANHOLE	2
31	BROADWAY ST	55+11.91	28.84	STORM SEWER	CATCH BASIN	2
32	BROADWAY ST	55+12.10	1.08	WATER	VALVE VAULT	2
33	BROADWAY ST	55+16.90	13.19	STORM SEWER	MANHOLE	2
34	BROADWAY ST	55+22.08	28.92	STORM SEWER	INLET	2
35	BROADWAY ST	55+22.91	-33.57	STORM SEWER	CATCH BASIN	2
36	BROADWAY ST	55+30.20	-40.06	STORM SEWER	INLET	2
37	BROADWAY ST	55+62.99	-45.29	WATER	VALVE VAULT	2
38	BROADWAY ST	55+66.46	-37.26	SANITARY	MANHOLE	2
39	BROADWAY ST	55+68.96	-30.43	STORM SEWER	INLET	2
40	BROADWAY ST	55+71.69	-36.17	SANITARY	MANHOLE	2
41	BROADWAY ST	55+77.13	29.33	SANITARY	MANHOLE	2
42	BROADWAY ST	55+78.89	-29.99	STORM SEWER	CATCH BASIN	2
43	BROADWAY ST	55+77.14	0.57	WATER	VALVE VAULT	2
44	BROADWAY ST	55+86.93	29.01	STORM SEWER	CATCH BASIN	2
45	BROADWAY ST	55+88.91	13.30	STORM SEWER	CATCH BASIN	2
46	GOLF RD SW LEG	59+08.72	2.57	STORM SEWER	MANHOLE	3
47	GOLF RD SW LEG	59+11.55	19.94	STORM SEWER	CATCH BASIN	2
48	GOLF RD SW LEG	59+13.69	-14.53	STORM SEWER	MANHOLE	2
49	GOLF RD SW LEG	59+13.97	-20.35	STORM SEWER	CATCH BASIN	2
50	GOLF RD SW LEG	60+12.24	-20.18	STORM SEWER	CATCH BASIN	2
51	GOLF RD SW LEG	60+13.20	2.60	STORM SEWER	MANHOLE	2
52	GOLF RD SW LEG	61+67.85	-20.72	STORM SEWER	CATCH BASIN	2
53	GOLF RD SW LEG	62+95.75	-27.99	STORM SEWER	INLET	2
54	GOLF RD SW LEG	62+95.96	-20.66	STORM SEWER	CATCH BASIN	2

DRAINAGE STRUCTURES TO BE ADJUSTED /REMOVED OR RECONSTRUCTED

POINT NUMBER	LOCATION	STATION	OFFSET	STRUCTURE TYPE		PROPOSED WORK
55	STATE ST	63+59.01	0.11	WATER	VALVE VAULT	5
56	STATE ST	63+59.96	36.11	SANITARY	MANHOLE	2
57	STATE ST	63+80.20	-36.46	STORM SEWER	CATCH BASIN	3
58	STATE ST	63+81.18	-3.71	STORM SEWER	MANHOLE	4
59	STATE ST	63+98.30	50.76	STORM SEWER	CATCH BASIN	3
60	STATE ST	64+17.58	-65.32	STORM SEWER	CATCH BASIN	3

WORK DESCRIPTION:

1. MANHOLES TO BE RECONSTRUCTED.
 2. FRAMES AND LIDS TO BE ADJUSTED.
 3. DRAINAGE STRUCTURE TO BE REMOVED.
 4. REMOVING MANHOLES TO MAINTAIN FLOW.
 5. ABANDON EXISTING VALVE VAULT.
- ADJUSTMENT FOR STAGE CONSTRUCTION (IF REQUIRED).

D:\1501-630-1007_CumberlandLevel\1501-630-1007_Sheets\0162B16-adj-033-schedule-3.dwg



USER NAME = KenDrabant	DESIGNED - MAA	REVISED - 12/01/2017
PLOT SCALE = 2.0000' / in.	DRAWN - MAA	REVISED -
PLOT DATE = 12/17/2017	CHECKED - DA	REVISED -
	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 03	OF 03 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	25
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

STONE STREET

EXISTING WOLF ROAD BASELINE

DRAKE LANE

WOLF ROAD

8TH AVENUE

7TH AVENUE

IL. RTE. 58 (GOLF ROAD EAST LEG)

CURVE 1
 PI STA. = 101+02.03
 NORTHING: 1,962,540.82
 EASTING: 1,099,173.12
 $\Delta = 07^{\circ} 55' 38''$ (RT)
 D = 18' 01' 03"
 R = 318.00'
 T = 22.03'
 L = 44.00'
 E = 0.76'
 PC STA. = 100+80.00
 NORTHING: 1,962,520.22
 EASTING: 1,099,180.92
 PT/PCC STA. = 101+24.00
 NORTHING: 1,962,562.31
 EASTING: 1,099,168.24

CURVE 2
 PI STA. = 101+68.44
 NORTHING: 1,962,605.65
 EASTING: 1,099,158.39
 $\Delta = 12^{\circ} 40' 49''$ (RT)
 D = 14' 19' 26"
 R = 400.00'
 T = 44.44'
 L = 88.53'
 E = 2.46'
 PC/PCC STA. = 101+24.00
 NORTHING: 1,962,562.31
 EASTING: 1,099,168.24
 PT STA. = 102+12.52
 NORTHING: 1,962,650.09
 EASTING: 1,099,158.29

CURVE 3
 PI STA. = 2201+06.85
 NORTHING: 1,962,448.39
 EASTING: 1,099,253.99
 $\Delta = 29^{\circ} 35' 44''$ (LT)
 D = 62' 16' 41"
 R = 92.00'
 T = 24.30'
 L = 47.52'
 E = 3.16'
 PC STA. = 2200+82.55
 NORTHING: 1,962,457.41
 EASTING: 1,099,231.42
 PT STA. = 2201+30.07
 NORTHING: 1,962,451.69
 EASTING: 1,099,278.07

CURVE 4
 PI STA. = 2202+13.28
 NORTHING: 1,962,463.01
 EASTING: 1,099,360.51
 $\Delta = 04^{\circ} 59' 32''$ (RT)
 D = 22' 55' 06"
 R = 250.00'
 T = 10.90'
 L = 21.78'
 E = 0.24'
 PC STA. = 2202+02.39
 NORTHING: 1,962,461.52
 EASTING: 1,099,349.72
 PT STA. = 2202+24.17
 NORTHING: 1,962,463.54
 EASTING: 1,099,371.40

CURVE 19
 PI STA. = 600+06.41
 NORTHING: 1,962,492.86
 EASTING: 1,099,176.24
 $\Delta = 13^{\circ} 47' 27''$ (RT)
 D = 108' 06' 19"
 R = 53.00'
 T = 6.41'
 L = 12.76'
 E = 0.39'
 PC/PCC STA. = 600+00.00
 NORTHING: 1,962,495.37
 EASTING: 1,099,170.35
 PT STA. = 600+12.76
 NORTHING: 1,962,489.02
 EASTING: 1,099,181.37

CURVE 20
 PI STA. = 601+04.14
 NORTHING: 1,962,415.59
 EASTING: 1,099,228.50
 $\Delta = 77^{\circ} 24' 46''$ (RT)
 D = 86' 27' 22"
 R = 66.27'
 T = 53.11'
 L = 89.54'
 E = 18.65'
 PC STA. = 600+51.04
 NORTHING: 1,962,466.06
 EASTING: 1,099,212.00
 PT/PCC STA. = 601+40.57
 NORTHING: 1,962,388.48
 EASTING: 1,099,182.84

CURVE 5
 PI STA. = 201+78.44
 NORTHING: 1,962,448.86
 EASTING: 1,099,317.20
 $\Delta = 16^{\circ} 36' 46''$ (RT)
 D = 17' 41' 02"
 R = 324.00'
 T = 47.30'
 L = 93.94'
 E = 3.43'
 PC STA. = 201+31.13
 NORTHING: 1,962,433.12
 EASTING: 1,099,272.59
 PT STA. = 202+25.08
 NORTHING: 1,962,451.19
 EASTING: 1,099,364.45

CURVE 21
 PI STA. = 601+88.64
 NORTHING: 1,962,363.95
 EASTING: 1,099,141.51
 $\Delta = 82^{\circ} 17' 45''$ (RT)
 D = 104' 10' 27"
 R = 55.00'
 T = 48.06'
 L = 79.00'
 E = 18.04'
 PC/PCC STA. = 601+40.57
 NORTHING: 1,962,388.48
 EASTING: 1,099,182.84
 PT/PCC STA. = 602+19.57
 NORTHING: 1,962,401.62
 EASTING: 1,099,111.66

CURVE 22
 PI STA. = 602+47.49
 NORTHING: 1,962,423.50
 EASTING: 1,099,094.32
 $\Delta = 43^{\circ} 29' 25''$ (RT)
 D = 81' 51' 04"
 R = 70.00'
 T = 27.92'
 L = 53.13'
 E = 5.36'
 PC/PCC STA. = 602+19.57
 NORTHING: 1,962,401.62
 EASTING: 1,099,111.66
 PT/PCC STA. = 602+72.71
 NORTHING: 1,962,451.31
 EASTING: 1,099,096.80

CURVE 23
 PI STA. = 603+45.60
 NORTHING: 1,962,523.92
 EASTING: 1,099,103.27
 $\Delta = 107^{\circ} 57' 33''$ (RT)
 D = 108' 06' 19"
 R = 53.00'
 T = 72.89'
 L = 99.86'
 E = 37.12'
 PC/PCC STA. = 602+72.71
 NORTHING: 1,962,451.31
 EASTING: 1,099,096.80
 PT/PCC STA. = 603+72.57
 NORTHING: 1,962,495.37
 EASTING: 1,099,170.35

CURVE NUMBER	POINT	STATION	NORTHING (FT)	EASTING (FT)	ALIGNMENT OR BASELINE
1	PI PC PT/PCC	101+02.03 100+80.00 101+24.00	1,962,540.82 1,962,520.22 1,962,562.31	1,099,173.12 1,099,180.92 1,099,168.24	PROPOSED ALIGNMENT WOLF ROAD (NB)
2	PI PC PT	101+68.44 101+24.00 102+12.52	1,962,605.65 1,962,562.31 1,962,650.09	1,099,158.39 1,099,168.24 1,099,158.29	PROPOSED ALIGNMENT WOLF ROAD (NB)
3	PI PC PT	2201+06.85 2200+82.55 2201+30.07	1,962,448.39 1,962,457.41 1,962,451.69	1,099,253.99 1,099,231.42 1,099,278.07	PROPOSED BASELINE IL RTE 58 (GOLF ROAD EAST LEG) (WB)
4	PI PC PT	2202+13.28 2202+02.39 2202+24.17	1,962,463.01 1,962,461.52 1,962,463.54	1,099,360.51 1,099,349.72 1,099,371.40	PROPOSED BASELINE IL RTE 58 (GOLF ROAD EAST LEG) (WB)
5	PI PC PT	201+78.44 201+31.13 202+25.08	1,962,448.86 1,962,433.12 1,962,451.19	1,099,317.20 1,099,272.59 1,099,364.45	PROPOSED ALIGNMENT IL RTE 58 (GOLF ROAD EAST LEG) (EB)
17	PI PC PT	1101+17.32 1100+80.00 1101+52.44	1,962,560.49 1,962,526.31 1,962,597.21	1,099,157.72 1,099,142.73 1,099,151.04	PROPOSED BASELINE WOLF ROAD (SB)
18	PI PC PT	1102+25.77 1102+09.59 1102+41.92	1,962,669.53 1,962,653.44 1,962,685.71	1,099,139.19 1,099,140.81 1,099,139.16	PROPOSED BASELINE WOLF ROAD (SB)
19	PI PC PT	600+06.41 600+00.00 600+12.76	1,962,492.86 1,962,495.37 1,962,489.02	1,099,176.24 1,099,170.35 1,099,181.37	PROPOSED ALIGNMENT ROUNDABOUT
20	PI PC PT/PCC	601+04.14 600+51.04 601+40.57	1,962,415.59 1,962,466.06 1,962,388.48	1,099,228.50 1,099,212.00 1,099,182.84	PROPOSED ALIGNMENT ROUNDABOUT
21	PI PC PT/PCC	601+88.64 601+40.57 602+19.57	1,962,363.95 1,962,388.48 1,962,401.62	1,099,141.51 1,099,182.84 1,099,111.66	PROPOSED ALIGNMENT ROUNDABOUT
22	PI PC PT/PCC	602+47.49 602+19.57 602+72.71	1,962,423.50 1,962,401.62 1,962,451.31	1,099,094.32 1,099,111.66 1,099,096.80	PROPOSED ALIGNMENT ROUNDABOUT
23	PI PC PT/PCC	603+45.60 602+72.71 603+72.57	1,962,523.92 1,962,451.31 1,962,495.37	1,099,103.27 1,099,096.80 1,099,170.35	PROPOSED ALIGNMENT ROUNDABOUT

LEGEND

- CURVE
 - BEARING
 - BASELINE TIE POINT (PNT) OR CONTROL POINT (CP)
- SEE SHEET 2 OF 5 FOR ALIGNMENTS TO THE SOUTHWEST
- SEE SHEET 3 OF 5 FOR BEARING TABLES AND BENCHMARK
- SEE SHEETS 4 AND 5 OF 5 FOR CONTROL POINTS AND BASELINE TIES

ABBREVIATIONS

- WB - WESTBOUND
- EB - EASTBOUND
- NB - NORTHBOUND
- SB - SOUTHBOUND
- NEB - NORTHEASTBOUND
- SWB - SOUTHWESTBOUND
- PC - POINT OF CURVATURE
- PI - POINT OF INTERSECTION OF TANGENTS
- PT - POINT OF TANGENCY
- PCC - POINT OF COMPOUND CURVATURE

CURVE 17
 PI STA. = 1101+17.32
 NORTHING: 1,962,560.49
 EASTING: 1,099,157.72
 $\Delta = 33^{\circ} 59' 44''$ (LT)
 D = 46' 55' 46"
 R = 122.09'
 T = 37.32'
 L = 72.44'
 E = 5.58'
 PC STA. = 1100+80.00
 NORTHING: 1,962,526.31
 EASTING: 1,099,142.73
 PT STA. = 1101+52.44
 NORTHING: 1,962,597.21
 EASTING: 1,099,151.04

CURVE 18
 PI STA. = 1102+25.77
 NORTHING: 1,962,669.53
 EASTING: 1,099,139.19
 $\Delta = 05^{\circ} 36' 48''$ (RT)
 D = 17' 21' 44"
 R = 330.00'
 T = 16.18'
 L = 32.33'
 E = 0.40'
 PC STA. = 1102+09.59
 NORTHING: 1,962,653.44
 EASTING: 1,099,140.81
 PT STA. = 1102+41.92
 NORTHING: 1,962,685.71
 EASTING: 1,099,139.16

PROPOSED ALIGNMENTS AND BASELINES

- WOLF ROAD (SB) = POT STA. 1100+00.00
- WOLF ROAD (NB) = POT STA. 100+00.00
- IL. RTE. 58 (GOLF ROAD EAST LEG) (WB) = POT STA 2200+00.00
- IL. RTE. 58 (GOLF ROAD EAST LEG) (EB) = POT STA 200+00.00

N 1962446.61
E 1099149.59

EXISTING BASELINES

- STATE STREET = POT STA 65+00.00
- WOLF ROAD = POT STA. 50+00.00
- BROADWAY STREET = POT STA. 50+00.00
- IL. RTE. 58 (GOLF ROAD SOUTHWEST LEG) = POT STA 65+00.00
- IL. RTE. 58 (GOLF ROAD EAST LEG) = POT STA 65+00.00

N 1962446.61
E 1099149.59

USER NAME = KenDrabant	DESIGNED - MJ	REVISED -
DRAWN - MJ	REVISED -	
CHECKED - JO	REVISED -	
DATE - 12/22/2016	REVISED -	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	26
CONTRACT NO. 62B16				

SCALE: SHEET 01 OF 05 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

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CURVE 15
 PI STA. = 502+73.90
 NORTHING: 1,962,446.96
 EASTING: 1,098,973.24
 $\Delta = 08^\circ 21' 00''$ (LT)
 D = 12° 43' 57"
 R = 450.00'
 T = 32.85'
 L = 65.58'
 E = 1.20'
 PC STA. = 502+41.06
 NORTHING: 1,962,445.33
 EASTING: 1,098,940.43
 PT/PCC STA. = 503+06.64
 NORTHING: 1,962,453.34
 EASTING: 1,099,005.47

CURVE 16
 PI STA. = 503+27.96
 NORTHING: 1,962,457.48
 EASTING: 1,099,026.38
 $\Delta = 14^\circ 33' 06''$ (LT)
 D = 34° 18' 32"
 R = 167.00'
 T = 21.32'
 L = 42.41'
 E = 1.36'
 PC/PCC STA. = 503+06.64
 NORTHING: 1,962,453.34
 EASTING: 1,099,005.47
 PT STA. = 503+49.05
 NORTHING: 1,962,466.74
 EASTING: 1,099,045.59

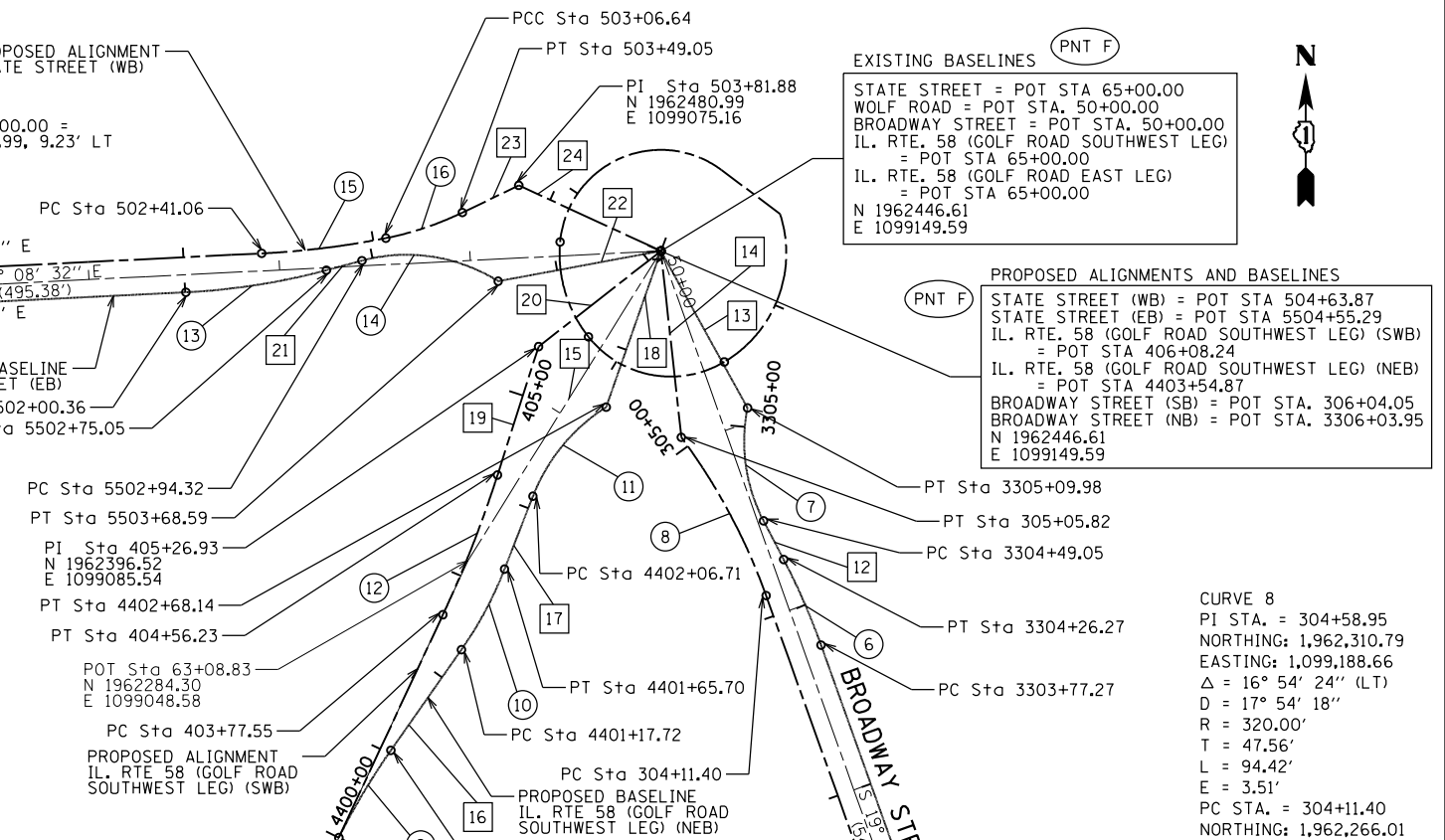
CURVE 13
 PI STA. = 5502+37.85
 NORTHING: 1,962,426.81
 EASTING: 1,098,938.17
 $\Delta = 12^\circ 13' 39''$ (LT)
 D = 16° 22' 13"
 R = 350.00'
 T = 37.49'
 L = 74.69'
 E = 2.00'
 PC STA. = 5502+00.36
 NORTHING: 1,962,424.97
 EASTING: 1,098,900.72
 PT STA. = 5502+75.05
 NORTHING: 1,962,436.54
 EASTING: 1,098,974.37

CURVE 14
 PI STA. = 5503+33.72
 NORTHING: 1,962,451.77
 EASTING: 1,099,031.03
 $\Delta = 47^\circ 16' 38''$ (RT)
 D = 63° 39' 43"
 R = 90.00'
 T = 39.39'
 L = 74.26'
 E = 8.24'
 PC STA. = 5502+94.32
 NORTHING: 1,962,441.54
 EASTING: 1,098,992.98
 PT STA. = 5503+68.59
 NORTHING: 1,962,430.75
 EASTING: 1,099,064.35

CURVE 9
 PI STA. = 4400+26.69
 NORTHING: 1,962,163.03
 EASTING: 1,098,992.83
 $\Delta = 08^\circ 28' 49''$ (RT)
 D = 15° 54' 56"
 R = 360.00'
 T = 26.69'
 L = 53.28'
 E = 0.99'
 PC STA. = 4400+00.00
 NORTHING: 1,962,139.15
 EASTING: 1,098,980.90
 PT STA. = 4400+53.28
 NORTHING: 1,962,184.89
 EASTING: 1,099,008.14

CURVE 10
 PI STA. = 4401+41.82
 NORTHING: 1,962,257.40
 EASTING: 1,099,058.94
 $\Delta = 13^\circ 44' 51''$ (LT)
 D = 28° 38' 52"
 R = 200.00'
 T = 24.11'
 L = 47.99'
 E = 1.45'
 PC STA. = 4401+17.72
 NORTHING: 1,962,237.66
 EASTING: 1,099,045.11
 PT STA. = 4401+65.70
 NORTHING: 1,962,279.87
 EASTING: 1,099,067.69

CURVE 11
 PI STA. = 4402+38.50
 NORTHING: 1,962,347.71
 EASTING: 1,099,094.09
 $\Delta = 36^\circ 17' 14''$ (RT)
 D = 59° 04' 04"
 R = 97.00'
 T = 31.79'
 L = 61.43'
 E = 5.08'
 PC STA. = 4402+06.71
 NORTHING: 1,962,318.09
 EASTING: 1,099,082.56
 PT STA. = 4402+68.14
 NORTHING: 1,962,364.76
 EASTING: 1,099,120.91



CURVE NUMBER	POINT	STATION	NORTHING (FT)	EASTING (FT)	ALIGNMENT OR BASELINE
6	PI	3304+01.81	1,962,263.17	1,099,225.23	PROPOSED BASELINE BROADWAY STREET (NB)
	PC	3303+77.27	1,962,240.06	1,099,233.49	
	PT	3304+26.27	1,962,284.94	1,099,213.90	
7	PI	3304+80.73	1,962,333.25	1,099,188.77	PROPOSED BASELINE BROADWAY STREET (NB)
	PC	3304+49.05	1,962,305.15	1,099,203.39	
	PT	3305+09.98	1,962,364.32	1,099,194.98	
8	PI	304+58.95	1,962,310.79	1,099,188.66	PROPOSED ALIGNMENT BROADWAY STREET (SB)
	PC	304+11.40	1,962,266.01	1,099,204.70	
	PT	305+05.82	1,962,348.96	1,099,160.30	
9	PI	4400+26.69	1,962,163.03	1,098,992.83	PROPOSED BASELINE IL RTE 58 (GOLF ROAD SOUTHWEST LEG) (NEB)
	PC	4400+00.00	1,962,139.15	1,098,980.90	
	PT	4400+53.28	1,962,184.89	1,099,008.14	
10	PI	4401+41.82	1,962,257.40	1,099,058.94	PROPOSED BASELINE IL RTE 58 (GOLF ROAD SOUTHWEST LEG) (NEB)
	PC	4401+17.72	1,962,237.66	1,099,045.11	
	PT	4401+65.70	1,962,279.87	1,099,067.69	
11	PI	4402+38.50	1,962,347.71	1,099,094.09	PROPOSED BASELINE IL RTE 58 (GOLF ROAD SOUTHWEST LEG) (NEB)
	PC	4402+06.71	1,962,318.09	1,099,082.56	
	PT	4402+68.14	1,962,364.76	1,099,120.91	
12	PI	404+16.94	1,962,291.66	1,099,052.01	PROPOSED ALIGNMENT IL RTE 58 (GOLF ROAD SOUTHWEST LEG) (SWB)
	PC	403+77.55	1,962,255.95	1,099,035.36	
	PT	404+56.23	1,962,329.18	1,099,064.01	
13	PI	5502+37.85	1,962,426.81	1,098,938.17	PROPOSED BASELINE STATE STREET (EB)
	PC	5502+00.36	1,962,424.97	1,098,900.72	
	PT	5502+75.05	1,962,436.54	1,098,974.37	
14	PI	5503+33.72	1,962,451.77	1,099,031.03	PROPOSED BASELINE STATE STREET (EB)
	PC	5502+94.32	1,962,441.54	1,098,992.98	
	PT	5503+68.59	1,962,430.75	1,099,064.35	
15	PI	502+73.90	1,962,446.96	1,098,973.24	PROPOSED ALIGNMENT STATE STREET (WB)
	PC	502+41.06	1,962,445.33	1,098,940.43	
	PT/PCC	503+06.64	1,962,453.34	1,099,005.47	
16	PI	503+27.96	1,962,457.48	1,099,026.38	PROPOSED ALIGNMENT STATE STREET (WB)
	PC/PCC	503+06.64	1,962,453.34	1,099,005.47	
	PT	503+49.05	1,962,466.74	1,099,045.59	
A	PI	51+48.96	1,961,207.04	1,098,573.12	EXISTING BASELINE IL RTE 58 (GOLF ROAD SOUTHWEST LEG)
	PC	50+00.00	1,961,158.65	1,098,432.24	
	PT	52+80.03	1,961,344.46	1,098,630.60	

LEGEND
 ○ CURVE
 □ BEARING
 ○ BASELINE TIE POINT (PNT) OR CONTROL POINT (CP)

SEE SHEET 1 OF 5 FOR ALIGNMENTS TO THE NORTHEAST
 SEE SHEET 3 OF 5 FOR BEARING TABLES AND BENCHMARK
 SEE SHEETS 4 AND 5 OF 5 FOR CONTROL POINTS AND BASELINE TIES

ABBREVIATIONS
 WB - WESTBOUND
 EB - EASTBOUND
 NB - NORTHBOUND
 SB - SOUTHBOUND
 NEB - NORTHEASTBOUND
 SWB - SOUTHWESTBOUND
 PC - POINT OF CURVATURE
 PI - POINT OF INTERSECTION OF TANGENTS
 PT - POINT OF TANGENCY
 PCC - POINT OF COMPOUND CURVATURE

EXISTING CURVE A
 PI STA. = 51+48.96
 NORTHING: 1,961,207.04
 EASTING: 1,098,573.12
 $\Delta = 48^\circ 20' 45''$ (LT)
 D = 17° 15' 52"
 R = 331.87'
 T = 148.96'
 L = 280.03'
 E = 31.90'
 PC STA. = 50+00.00
 NORTHING: 1,961,158.65
 EASTING: 1,098,432.24
 PT STA. = 52+80.03
 NORTHING: 1,961,344.46
 EASTING: 1,099,630.60

CURVE 12
 PI STA. = 404+16.94
 NORTHING: 1,962,291.66
 EASTING: 1,099,052.01
 $\Delta = 07^\circ 15' 35''$ (LT)
 D = 09° 13' 35"
 R = 621.00'
 T = 39.39'
 L = 78.68'
 E = 1.25'
 PC STA. = 403+77.55
 NORTHING: 1,962,255.95
 EASTING: 1,099,035.36
 PT STA. = 404+56.23
 NORTHING: 1,962,329.18
 EASTING: 1,099,064.01

CURVE 6
 PI STA. = 3304+01.81
 NORTHING: 1,962,263.17
 EASTING: 1,099,225.23
 $\Delta = 07^\circ 47' 56''$ (LT)
 D = 15° 54' 56"
 R = 360.00'
 T = 24.54'
 L = 49.00'
 E = 0.84'
 PC STA. = 3303+77.27
 NORTHING: 1,962,240.06
 EASTING: 1,099,233.49
 PT STA. = 3304+26.27
 NORTHING: 1,962,284.94
 EASTING: 1,099,213.90

CURVE 7
 PI STA. = 3304+80.73
 NORTHING: 1,962,333.25
 EASTING: 1,099,188.77
 $\Delta = 38^\circ 47' 10''$ (RT)
 D = 63° 39' 43"
 R = 90.00'
 T = 31.68'
 L = 60.93'
 E = 5.41'
 PC STA. = 3304+49.05
 NORTHING: 1,962,305.15
 EASTING: 1,099,203.39
 PT STA. = 3305+09.98
 NORTHING: 1,962,364.32
 EASTING: 1,099,194.98

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USER NAME = KenDrabant	DESIGNED - MJ	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - MJ	REVISED -
PLOT DATE = 10/20/2017	CHECKED - JO	REVISED -
	DATE - 12/22/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARK	
SCALE:	SHEET 02 OF 05 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	27
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

BEARING TABLE FOR SHEET 1 OF 5

BEARING NUMBER	ALIGNMENT OR BASELINE	BETWEEN POINTS		BEARING	LENGTH (FT)
		FROM	TO		
1	PROPOSED ALIGNMENT WOLF ROAD (NB)	Sta. 100+00.00	PC CURVE 1	N 23° 03' 21" E	80.00'
2	PROPOSED BASELINE WOLF ROAD (SB)	Sta. 1100+00.00	PC CURVE 17	N 04° 54' 59" W	80.00'
3	PROPOSED BASELINE WOLF ROAD (SB)	PT CURVE 17	PC CURVE 18	N 10° 18' 48" W	57.15'
4	PROPOSED ALIGNMENT IL RTE 58 (GOLF ROAD EAST LEG) (EB)	STA 200+00.00	STA 200+83.12	S 69° 14' 33" E	83.12'
5	PROPOSED ALIGNMENT IL RTE 58 (GOLF ROAD EAST LEG) (EB)	STA 200+83.12	PC CURVE 5	N 70° 34' 00" E	48.01'
6	PROPOSED BASELINE IL RTE 58 (GOLF ROAD EAST LEG) (WB)	STA 2200+00.00	PC CURVE 3	N 82° 28' 49" E	82.55'
7	PROPOSED BASELINE IL RTE 58 (GOLF ROAD EAST LEG) (WB)	PT CURVE 3	STA 2201+88.73	N 82° 11' 14" E	58.66'
8	PROPOSED BASELINE IL RTE 58 (GOLF ROAD EAST LEG) (WB)	STA 2201+88.73	PC CURVE 4	N 82° 11' 14" E	13.66'

BEARING TABLE FOR SHEET 2 OF 5

BEARING NUMBER	ALIGNMENT OR BASELINE	BETWEEN POINTS		BEARING	LENGTH (FT)
		FROM	TO		
9	PROPOSED BASELINE BROADWAY STREET (NB)	STA 3300+00.00	STA 3300+03.77	N 19° 30' 41" W	3.77'
10	PROPOSED BASELINE BROADWAY STREET (NB)	STA 3300+03.77	STA 3300+29.62	N 19° 32' 21" W	25.84'
11	PROPOSED BASELINE BROADWAY STREET (NB)	STA 3300+29.62	STA 3300+80.78	N 20° 26' 37" W	51.16'
12	PROPOSED BASELINE BROADWAY STREET (NB)	PT CURVE 6	PC CURVE 7	N 27° 28' 57" W	22.78'
13	PROPOSED BASELINE BROADWAY STREET (NB)	PT CURVE 7	STA 3306+03.95	N 28° 52' 58" W	93.28'
14	PROPOSED ALIGNMENT BROADWAY STREET (SB)	PT CURVE 8	STA 306+04.05	N 06° 15' 27" W	98.23'
15	EXISTING BASELINE IL RTE 58 (GOLF ROAD SOUTHWEST LEG)	STA 63+08.83	STA 65+00.00	N 31° 53' 47" E	191.17'
16	PROPOSED BASELINE IL RTE 58 (GOLF ROAD SOUTHWEST LEG) (NEB)	PT CURVE 9	PC CURVE 10	N 35° 00' 48" E	64.43'
17	PROPOSED BASELINE IL RTE 58 (GOLF ROAD SOUTHWEST LEG) (NEB)	PT CURVE 10	PC CURVE 11	N 21° 15' 58" E	41.01'
18	PROPOSED BASELINE IL RTE 58 (GOLF ROAD SOUTHWEST LEG) (NEB)	PT CURVE 11	STA 4403+54.87	N 19° 18' 35" E	86.72'
19	PROPOSED ALIGNMENT IL RTE 58 (GOLF ROAD SOUTHWEST LEG) (SWB)	PT CURVE 12	STA 405+26.93	N 17° 44' 12" E	70.70'
20	PROPOSED ALIGNMENT IL RTE 58 (GOLF ROAD SOUTHWEST LEG) (SWB)	STA 405+26.93	STA 406+08.24	N 51° 58' 14" E	81.31'
21	PROPOSED BASELINE STATE STREET (EB)	PT CURVE 13	PC CURVE 14	N 74° 57' 31" E	19.27'
22	PROPOSED BASELINE STATE STREET (EB)	PT CURVE 14	STA 5504+55.29	N 79° 27' 56" E	86.70'
23	PROPOSED ALIGNMENT STATE STREET (WB)	PT CURVE 16	STA 503+81.88	N 64° 15' 29" E	32.83'
24	PROPOSED ALIGNMENT STATE STREET (WB)	STA 503+81.88	STA 504+63.87	S 65° 12' 14" E	81.99'

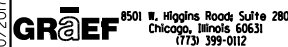
BENCHMARK

CITY OF DES PLAINES BENCHMARK 39
ALUMINUM DISK IN CONCRETE
PROJECT ELEVATION NAVD '88: 648.94

FOR LOCATION OF BENCHMARK, SEE
BASELINE TIE POINT F ON SHEET 5 OF 5

THE CONTRACTOR SHALL BE RESPONSIBLE
FOR VERIFYING HORIZONTAL AND VERTICAL
CONTROL.

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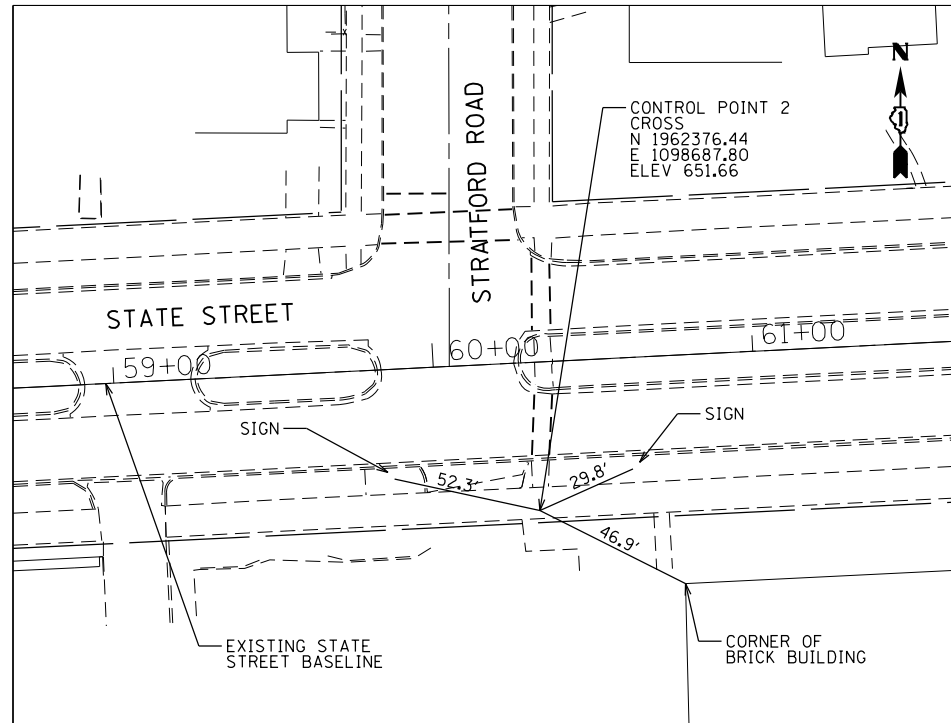
USER NAME = Kendrabent	DESIGNED - MJ	REVISED -
	DRAWN - MJ	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JO	REVISED -
PLOT DATE = 10/20/2017	DATE - 12/22/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

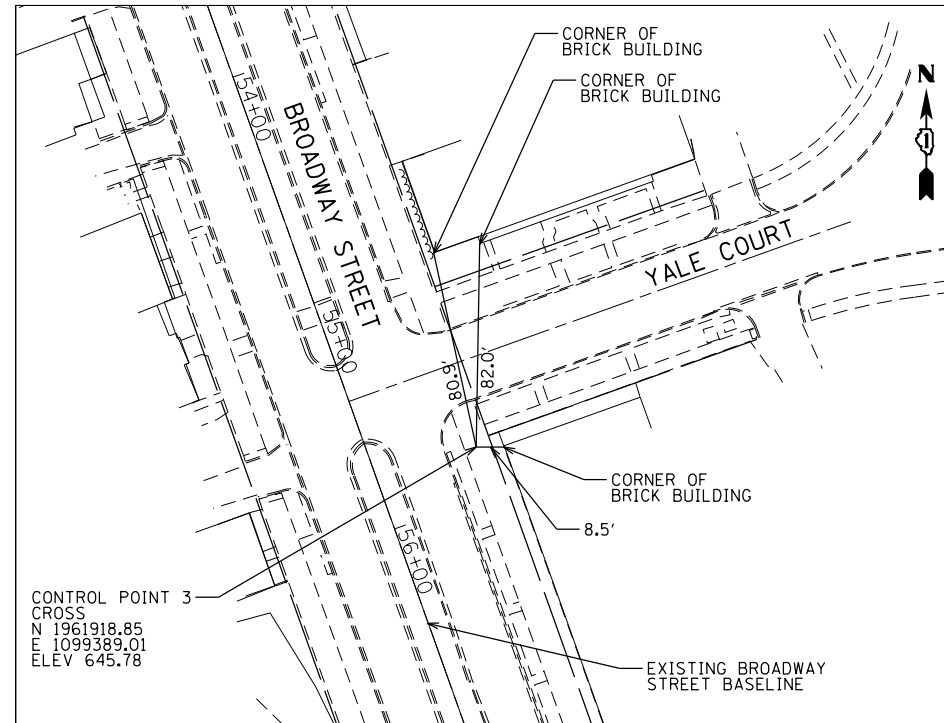
ALIGNMENT, TIES AND BENCHMARK

SCALE: SHEET 03 OF 05 SHEETS STA. TO STA.

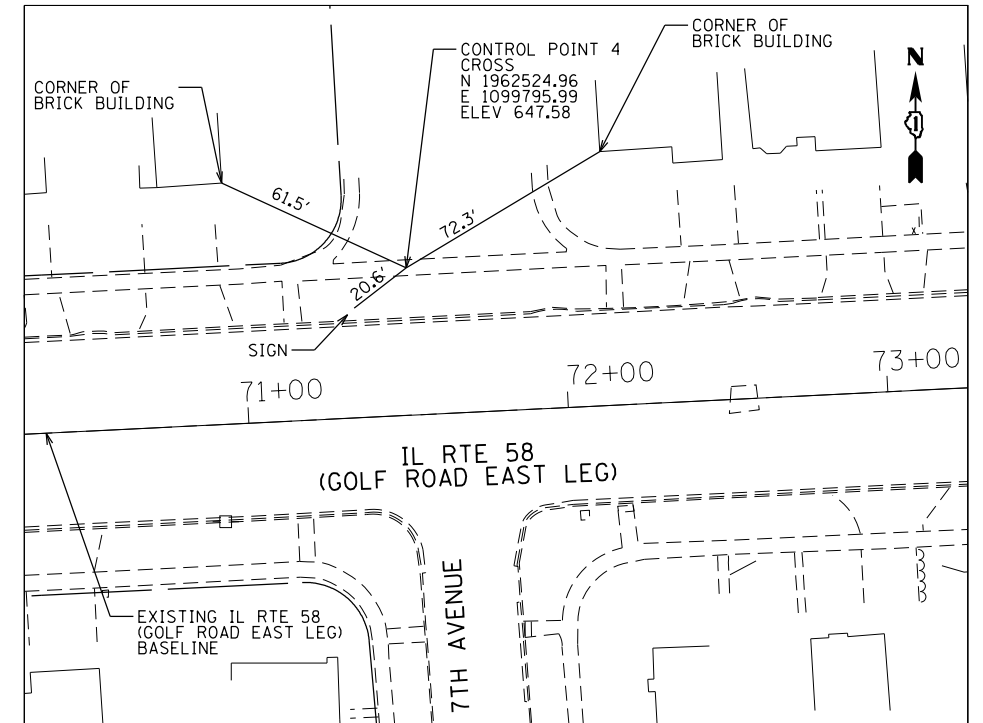
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	28
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



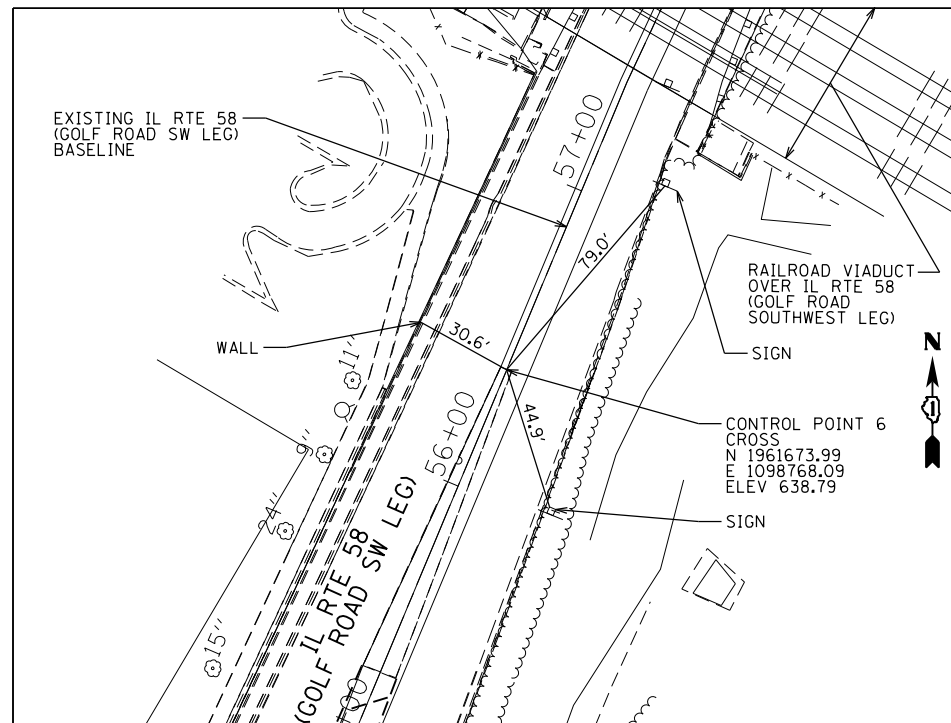
CONTROL POINT 2



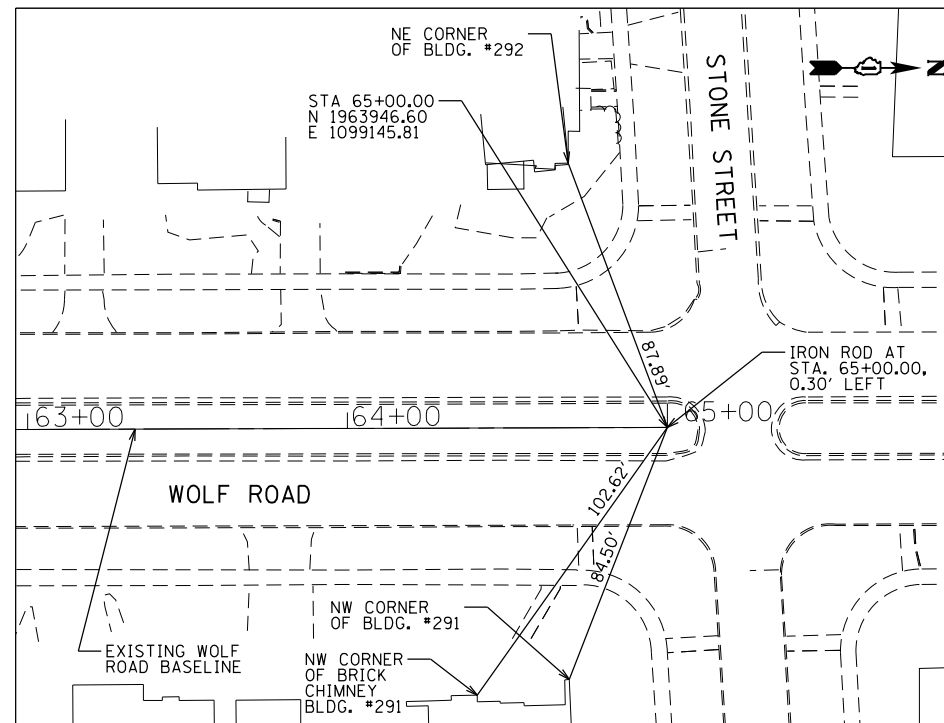
CONTROL POINT 3



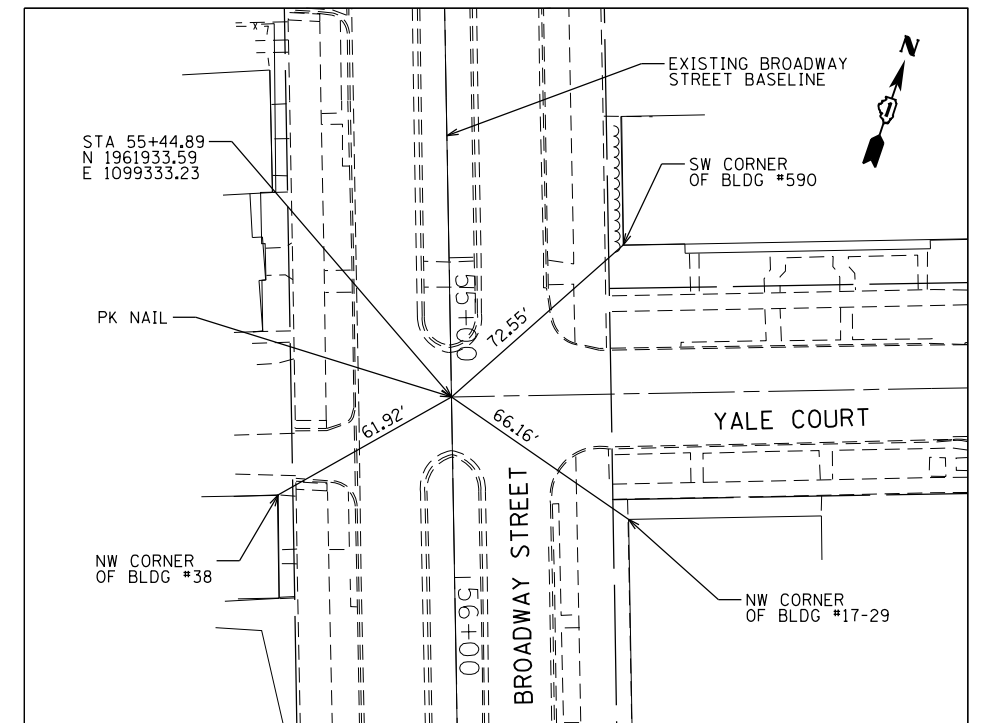
CONTROL POINT 4



CONTROL POINT 6



EXISTING WOLF ROAD BASELINE TIE, STA 65+00.00 - POINT A



EXISTING BROADWAY STREET BASELINE TIE, STA 55+44.89 - POINT B

P:\1501-630 WOT_Cumbers\proj\circle\CADD_Sheets\162B16-SHT-043-ATB.dgn 12/22/2017 3:37:52 PM



USER NAME = KenDrabant
 DESIGNED - MJ
 DRAWN - MJ
 CHECKED - JO
 DATE - 12/22/2016
 PLOT SCALE = 60.0000' / in.
 PLOT DATE = 12/1/2017

DESIGNED - MJ
 DRAWN - MJ
 CHECKED - JO
 DATE - 12/22/2016

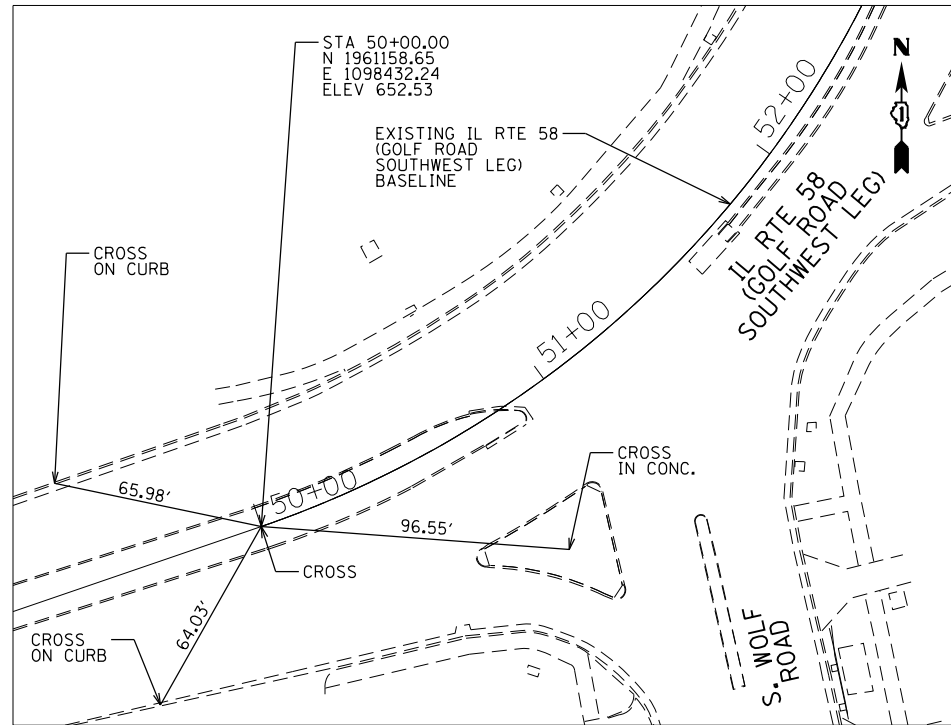
REVISED - 12/1/2017
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

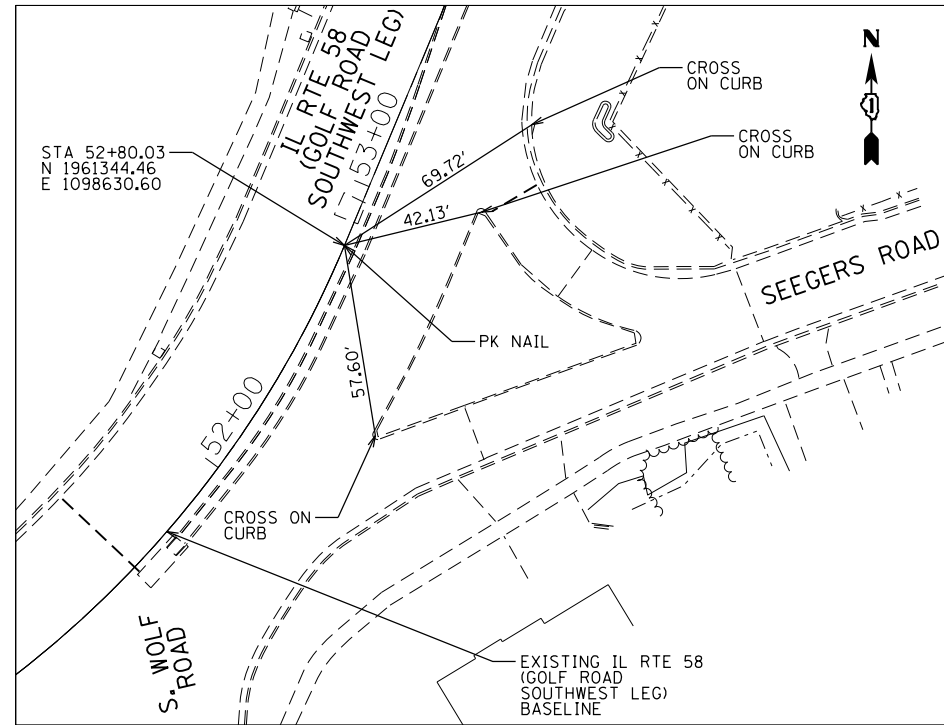
ALIGNMENT, TIES AND BENCHMARK

SCALE: SHEET 04 OF 05 SHEETS STA. TO STA.

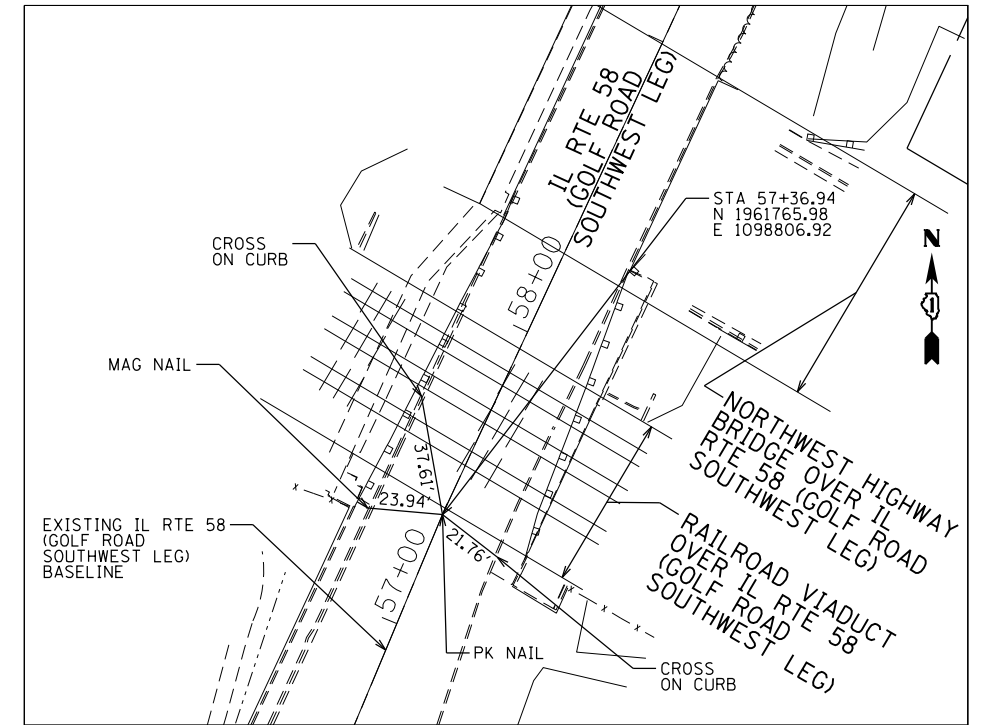
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	29
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



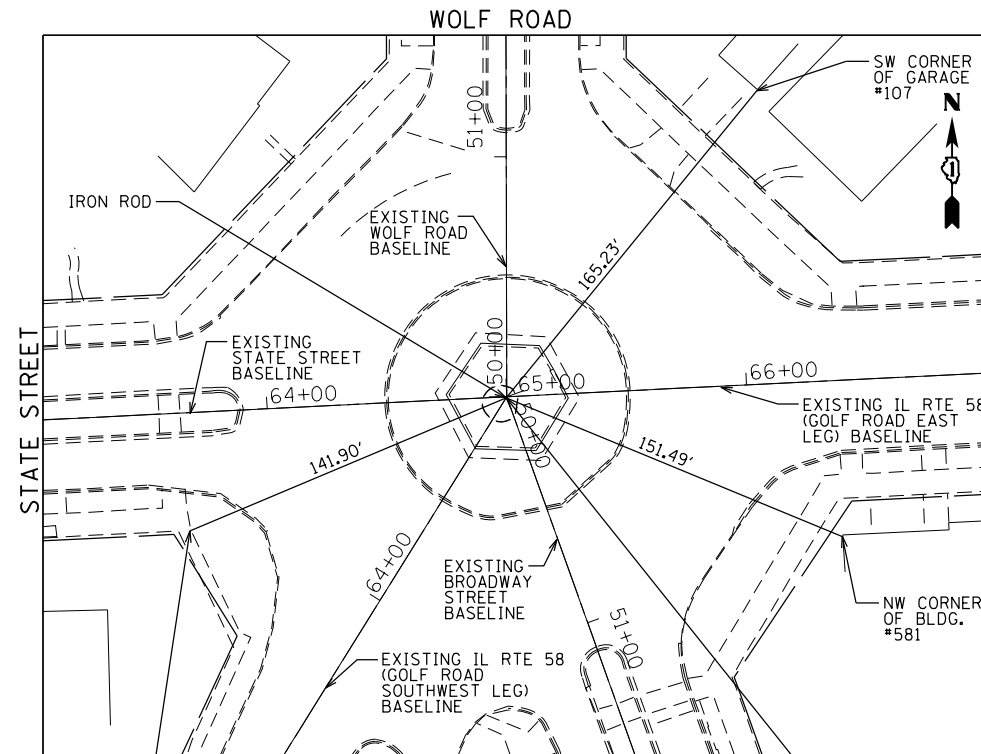
EXISTING IL RTE 58 (GOLF ROAD SOUTHWEST LEG)
BASELINE TIE, STA 50+00.00 - POINT C



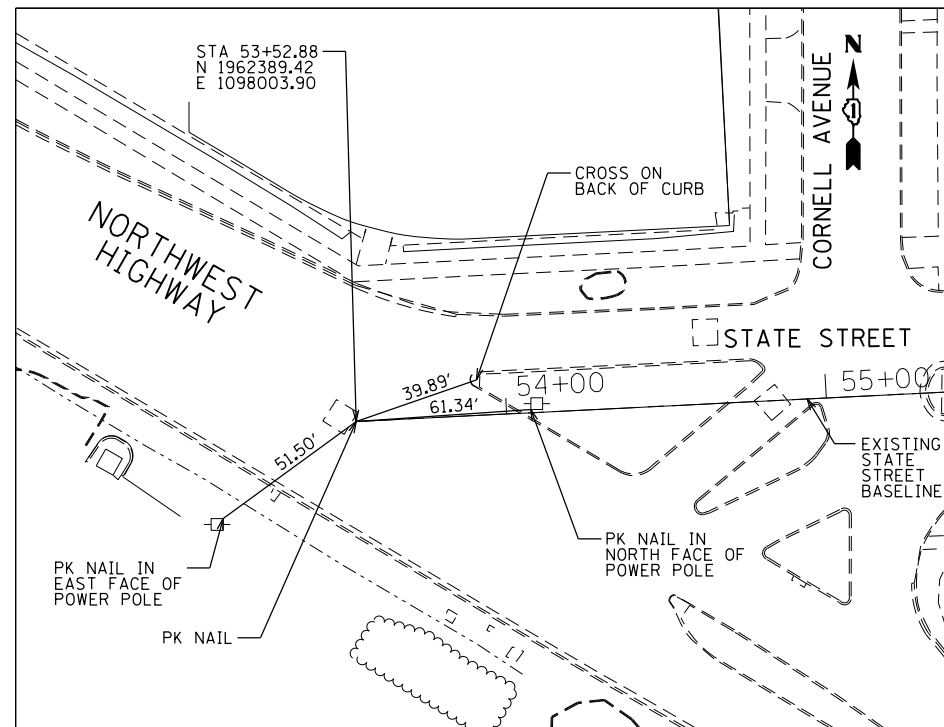
EXISTING IL RTE 58 (GOLF ROAD SOUTHWEST LEG)
BASELINE TIE, STA 52+80.03 - POINT D



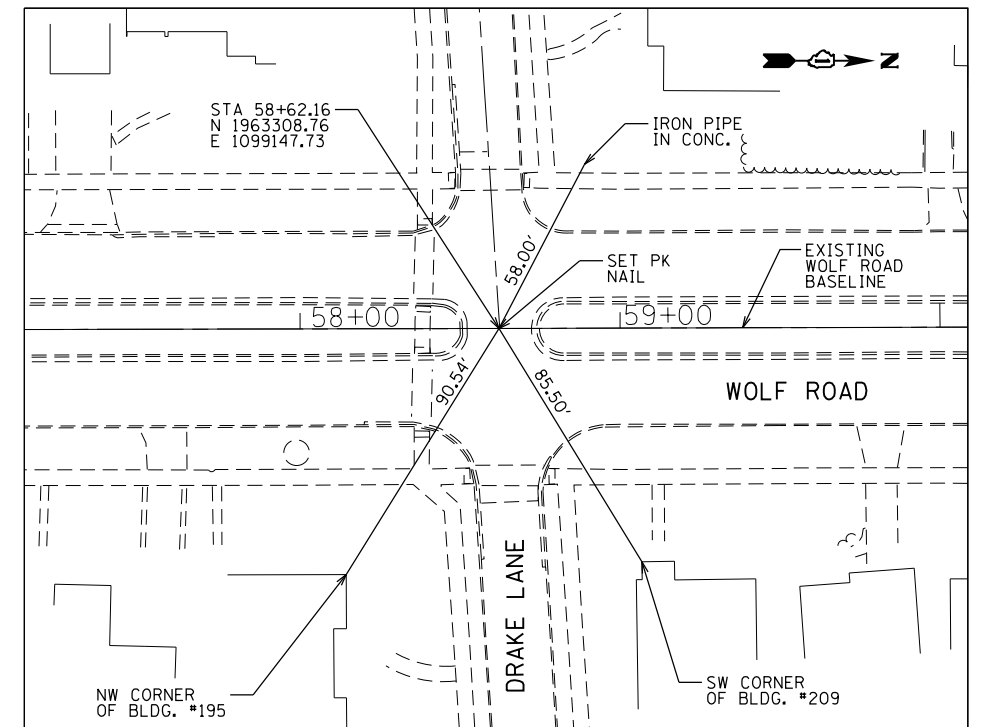
EXISTING IL RTE 58 (GOLF ROAD SOUTHWEST LEG)
BASELINE TIE, STA 57+36.94 - POINT E



EXISTING TRAFFIC CIRCLE
BASELINE TIE - POINT F



EXISTING STATE STREET BASELINE TIE, STA 53+52.88 - POINT G



EXISTING WOLF ROAD BASELINE TIE, STA 58+62.16 - POINT H

P:\1501-630 WOT_Cumbers\proj\cadd\Sheet\1501-630-SHT-044-ATB.dgn
 12/22/2017 3:37:54 PM

CITY OF DES PLAINES BM 39
 ALUMINUM DISK IN CONC.
 PROJECT ELEVATION
 NAVD '88: 648.94

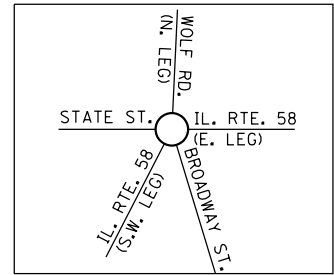
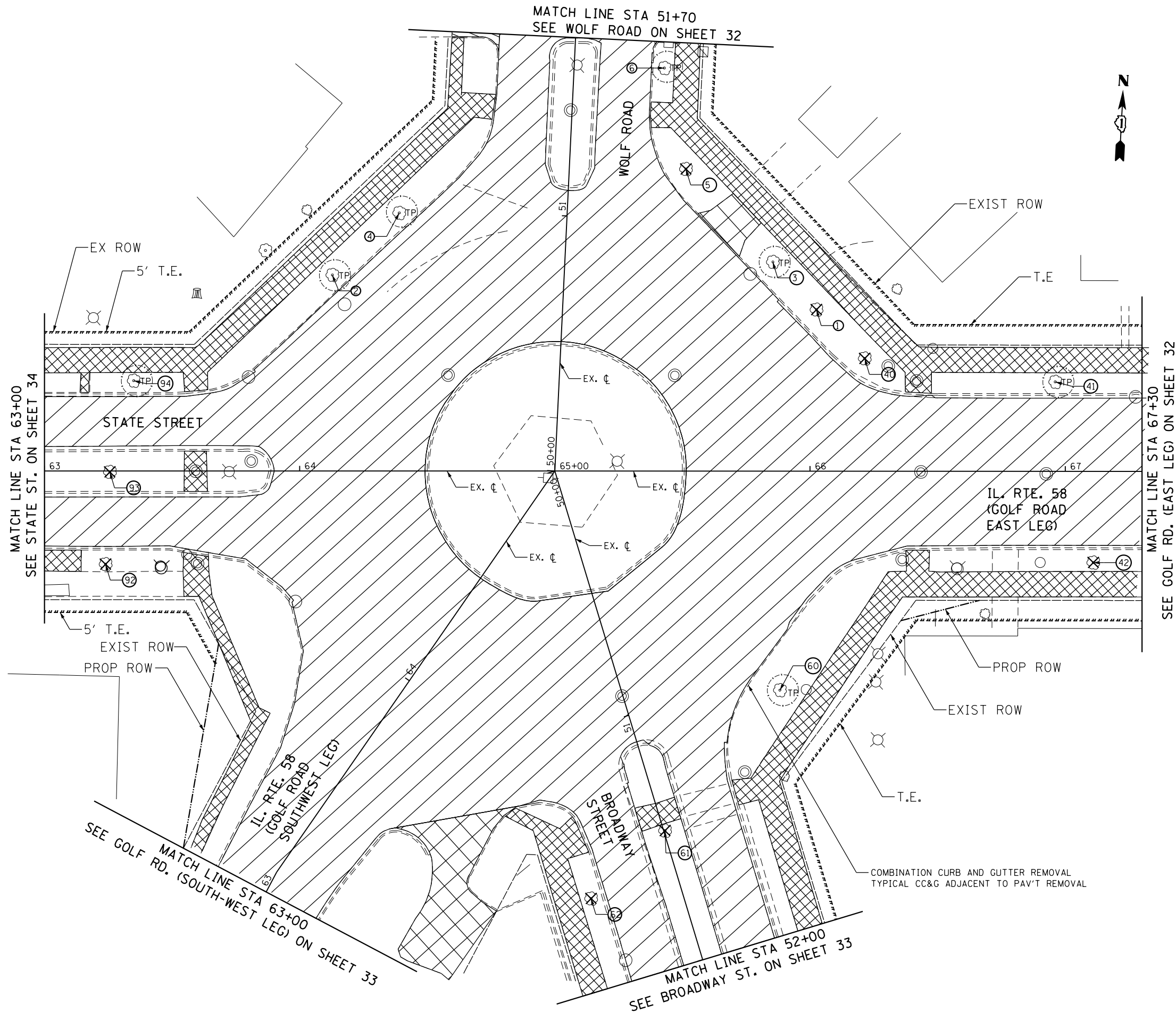
USER NAME = KenDrabant	DESIGNED - MJ	REVISED - 12/1/2017
DRAWN - MJ	REVISED -	
CHECKED - JO	REVISED -	
DATE - 12/22/2016	REVISED -	









STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARK			
SCALE:	SHEET 05	OF 05 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	30
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 51+70
SEE WOLF ROAD ON SHEET 32



- LEGEND**
-  PAVEMENT REMOVAL
 -  DRIVEWAY REMOVAL
 -  SIDEWALK REMOVAL
 -  TREES
 -  TREES
 -  TEMP. FENCE TO PROTECT TREE
 -  TP - TREE PRUNING
 -  TREE DESIGNATION'S (SEE SCHEDULE OF QUANTITY TREE REMOVAL AND PROTECTION TABLE)

MATCH LINE STA 63+00
SEE STATE ST. ON SHEET 34

MATCH LINE STA 67+30
SEE GOLF RD. (EAST LEG) ON SHEET 32

MATCH LINE STA 63+00
SEE GOLF RD. (SOUTH-WEST LEG) ON SHEET 33

MATCH LINE STA 52+00
SEE BROADWAY ST. ON SHEET 33

P:\1501-630-W07_Cumberland\Drawings\1501-630-Submittals\1501-630-Roundabout.dwg
 12/17/2017 10:58:00 AM



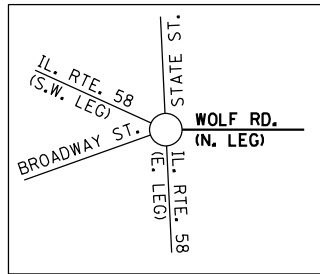
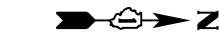
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	DRAWN - EA	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - DA	REVISED -
PLOT DATE = 12/17/2017	DATE - 10/17/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

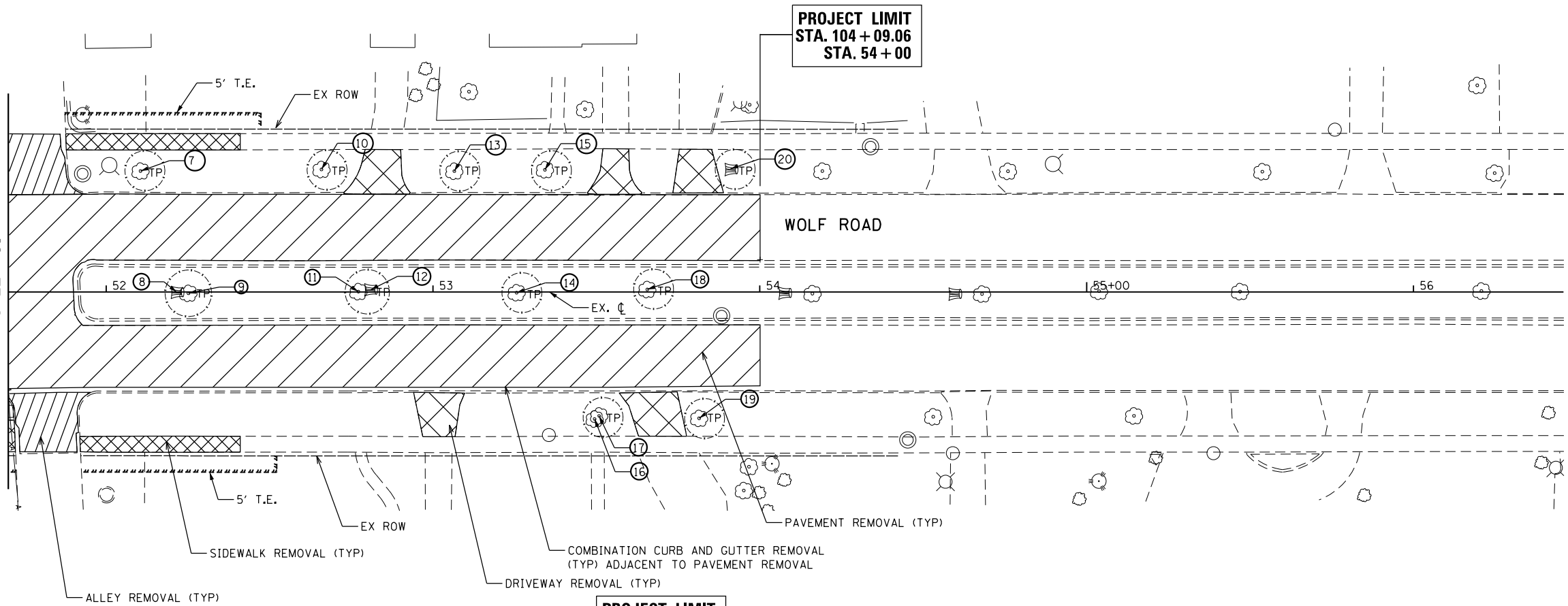
ROADWAY REMOVAL PLAN
ROUNDBOUT

SCALE: SHEET 01 OF 04 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	31
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



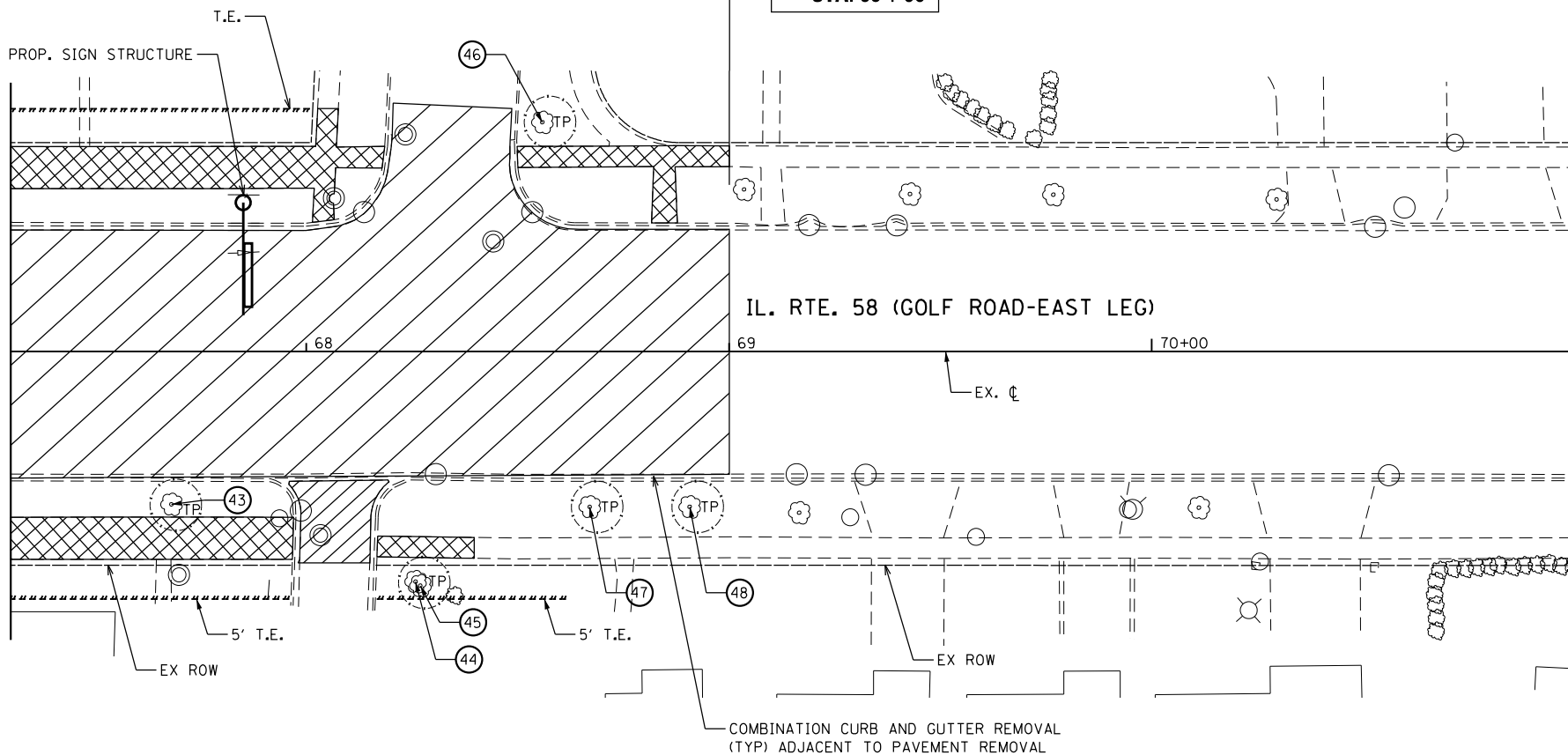
MATCH LINE STA 51+70
SEE SHEET 31



PROJECT LIMIT
STA. 104+09.06
STA. 54+00

WOLF ROAD

MATCH LINE STA 67+30
SEE SHEET 31



PROJECT LIMIT
STA. 204+10.25
STA. 69+00

IL. RTE. 58 (GOLF ROAD-EAST LEG)

LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY REMOVAL
- ALLEY REMOVAL (PAID FOR AS PAVEMENT REMOVAL)
- SIDEWALK REMOVAL
- TREES
- TREES
- TEMP. FENCE TO PROTECT TREE
- TP - TREE PRUNING
- TREE DESIGNATION'S (SEE SCHEDULE OF QUANTITY TREE REMOVAL AND PROTECTION TABLE)

P:\1501-630-W07-Cumberland\Drawings\1501-630-00-Sheets\1501-630-00-02-Roadway Removal\1501-630-00-02-Roadway Removal.dwg



USER NAME = KenDrabant
DRAWN - EA
CHECKED - DA
DATE - 10/17/2017

DESIGNED - EA
DRAWN - EA
CHECKED - DA
DATE - 10/17/2017

REVISED - 12/01/2017
REVISED -
REVISED -
REVISED -

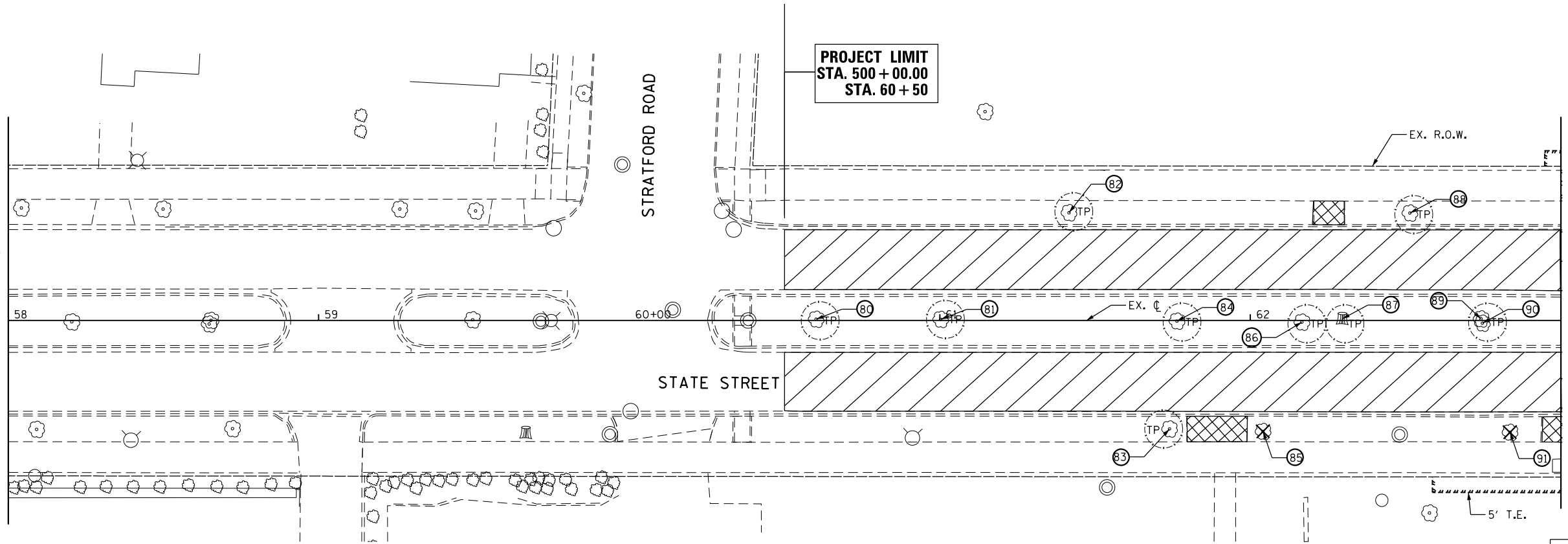
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY REMOVAL PLAN
WOLF RD. & GOLF RD. (EAST)

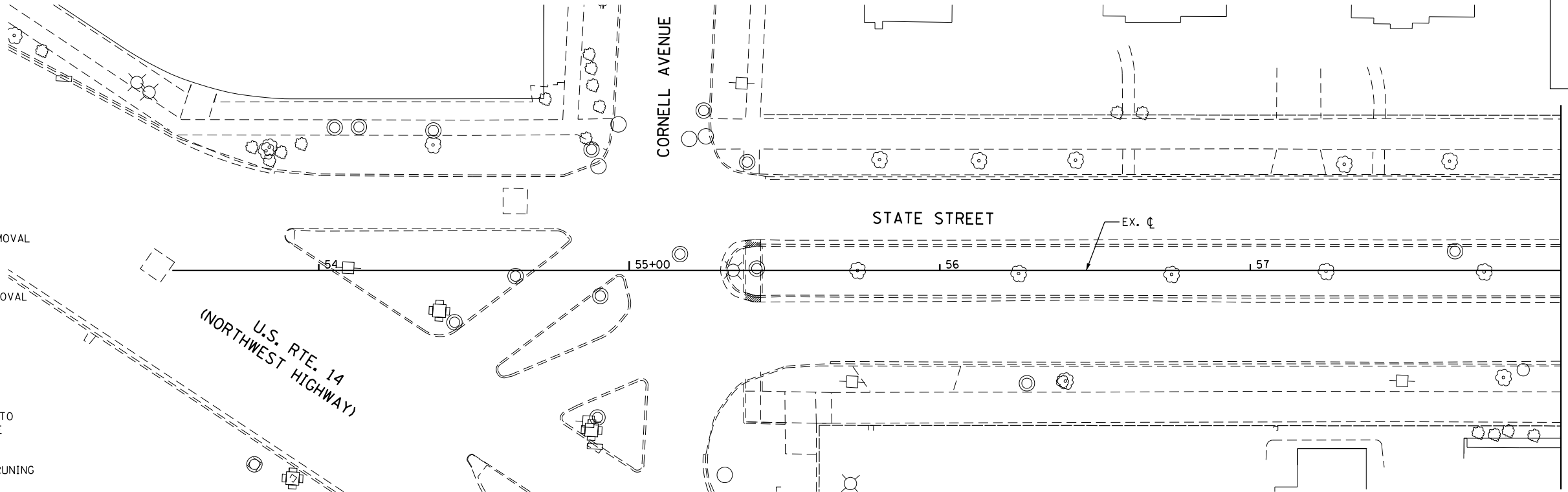
SCALE: SHEET 02 OF 04 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	32
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 58+00
SEE STATE ST. BELOW

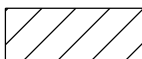








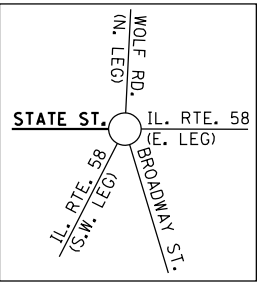
MATCH LINE STA 63+00
SEE SHEET 31



MATCH LINE STA 58+00
SEE STATE ST. ABOVE

LEGEND

-  PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  TREES
-  TREES
-  TEMP. FENCE TO PROTECT TREE
-  TP - TREE PRUNING
-  TREE DESIGNATION'S (SEE SCHEDULE OF QUANTITY TREE REMOVAL AND PROTECTION TABLE)



P:\1501-630-W07_CumberlandLevel\1501-630-00_Sheets\0162B16-ant-0164-r-em-States.docx



USER NAME = Kenedrabort	DESIGNED - EA	REVISED - 12/01/2017
DRAWN - EA	REVISOR -	
PLOT SCALE = 40.0000' / in.	CHECKED - DA	REVISOR -
PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STATE ST. REMOVAL PLAN

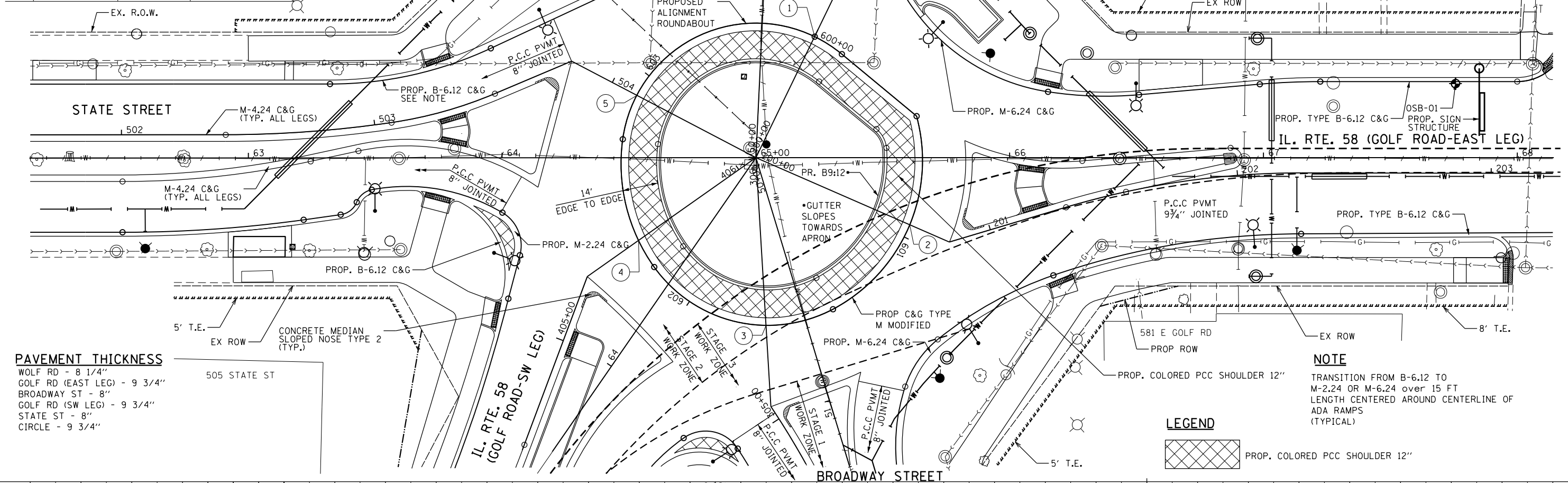
SCALE: SHEET 04 OF 04 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 34
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

NO.	STATION ROUNDABOUT	STATION AT NOTED STREET	STREET
1	603+72.57	100+53.0	WOLF RD
2	600+94.72	200+66.12	GOLF RD EAST LEG
3	601+68.00	305+37.87	BROADWAY ST
4	602+31.69	405+51.62	GOLF RD SW LEG
5	602+90.93	504+10.87	STATE ST

DATE	BY
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY
DATE	BY



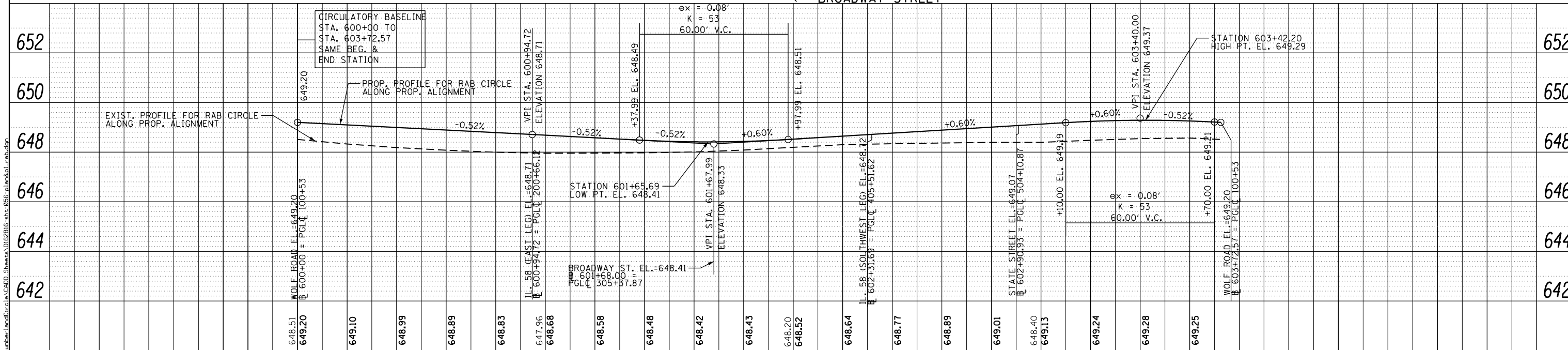
PAVEMENT THICKNESS

WOLF RD - 8 1/4"
GOLF RD (EAST LEG) - 9 3/4"
BROADWAY ST - 8"
GOLF RD (SW LEG) - 9 3/4"
STATE ST - 8"
CIRCLE - 9 3/4"

NOTE
 TRANSITION FROM B-6.12 TO M-2.24 OR M-6.24 over 15 FT LENGTH CENTERED AROUND CENTERLINE OF ADA RAMPS (TYPICAL)

LEGEND

 PROP. COLORED PCC SHOULDER 12"



USER NAME = KenDrabant	DESIGNED - EA	REVISED - 12/01/2017
	DRAWN - EA	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/17/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

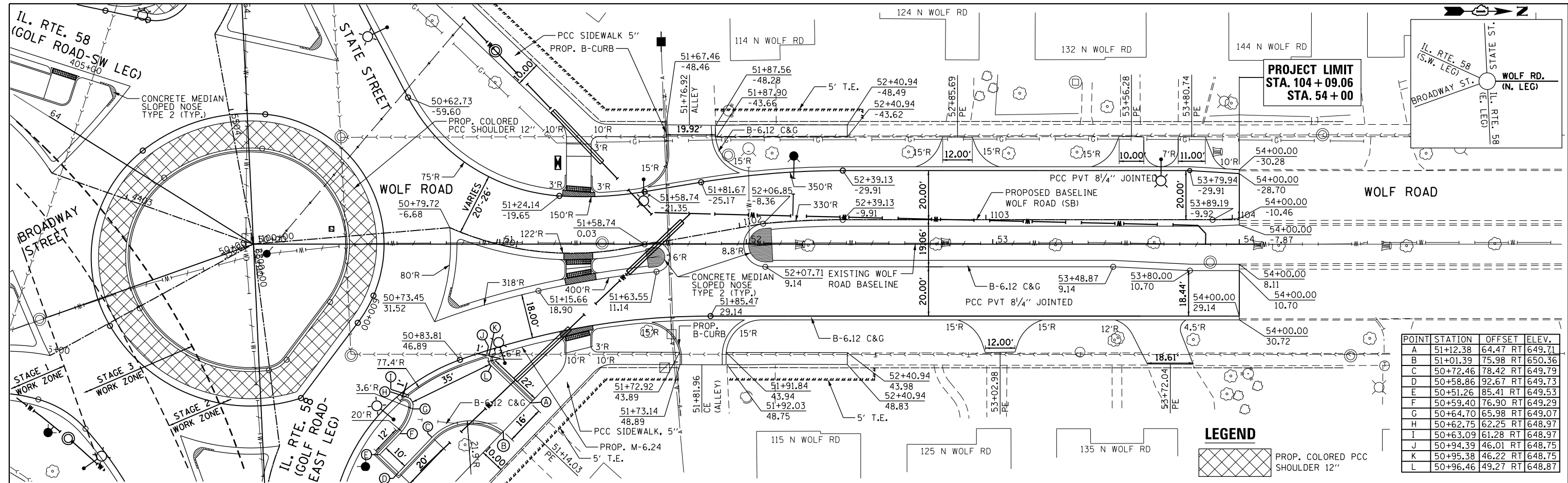
**ROADWAY PLAN & PROFILE ALONG PROP. ALIGNMENT
 CIRCULATORY BASELINE**

SCALE: SHEET 01 OF 10 SHEETS STA. TO STA.

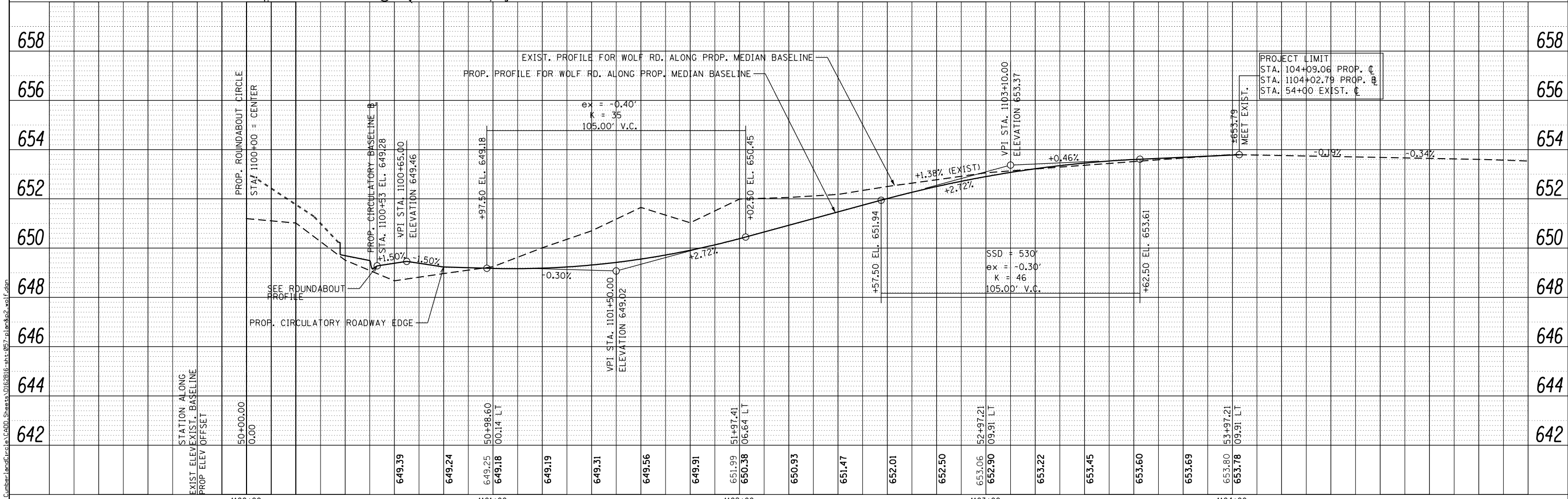
F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 35
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	NO.
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	NO.
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



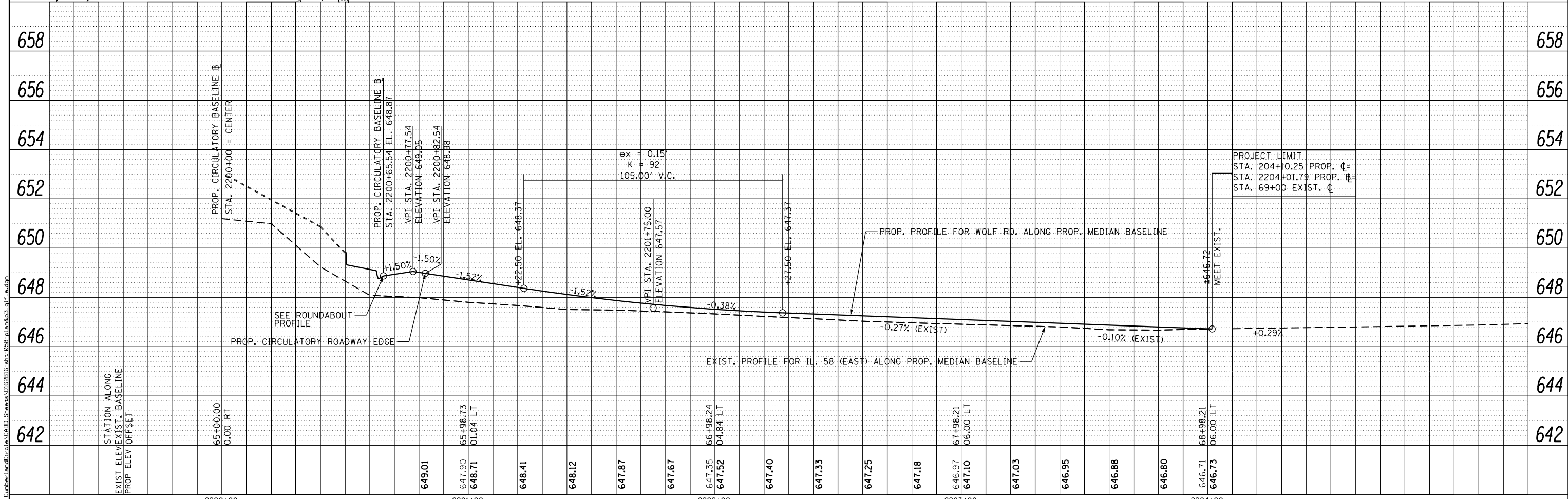
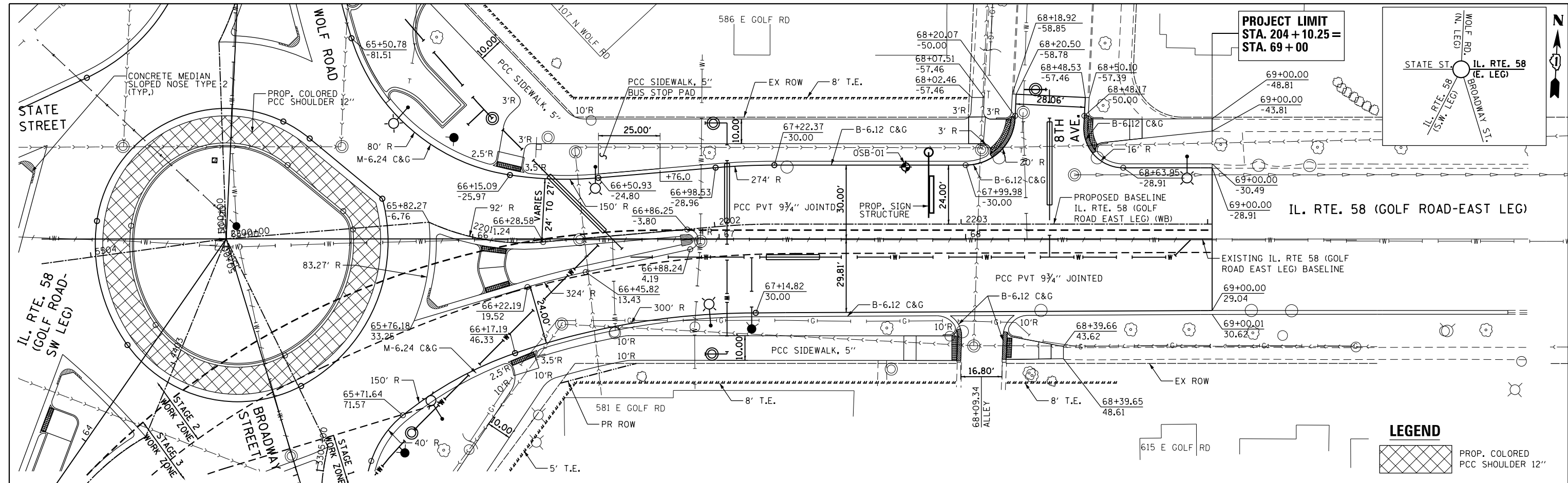
POINT	STATION	OFFSET	ELEV.
A	51+12.38	64.47 RT	649.71
B	51+01.39	75.98 RT	650.36
C	50+72.46	78.42 RT	649.79
D	50+58.86	92.67 RT	649.73
E	50+51.26	85.41 RT	649.53
F	50+59.40	76.90 RT	649.29
G	50+64.70	65.98 RT	649.07
H	50+62.75	62.25 RT	648.97
I	50+63.09	61.28 RT	648.97
J	50+94.39	46.01 RT	648.75
K	50+95.38	46.22 RT	648.75
L	50+96.46	49.27 RT	648.87



	USER NAME = ahmad.issa	DESIGNED - JMG	REVISED - 12/01/2017	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN & PROFILE ALONG PROP. MEDIAN BASELINE WOLF RD.		F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 36
	PLOT SCALE = 48.0000' / in.	CHECKED - RB	REVISED -				CONTRACT NO. 62B16				
	PLOT DATE = 12/4/2017	DATE - 10/17/2017	REVISED -				ILLINOIS FED. AID PROJECT				
	SCALE: SHEET 02 OF 10 SHEETS STA. TO STA.										

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	BY	

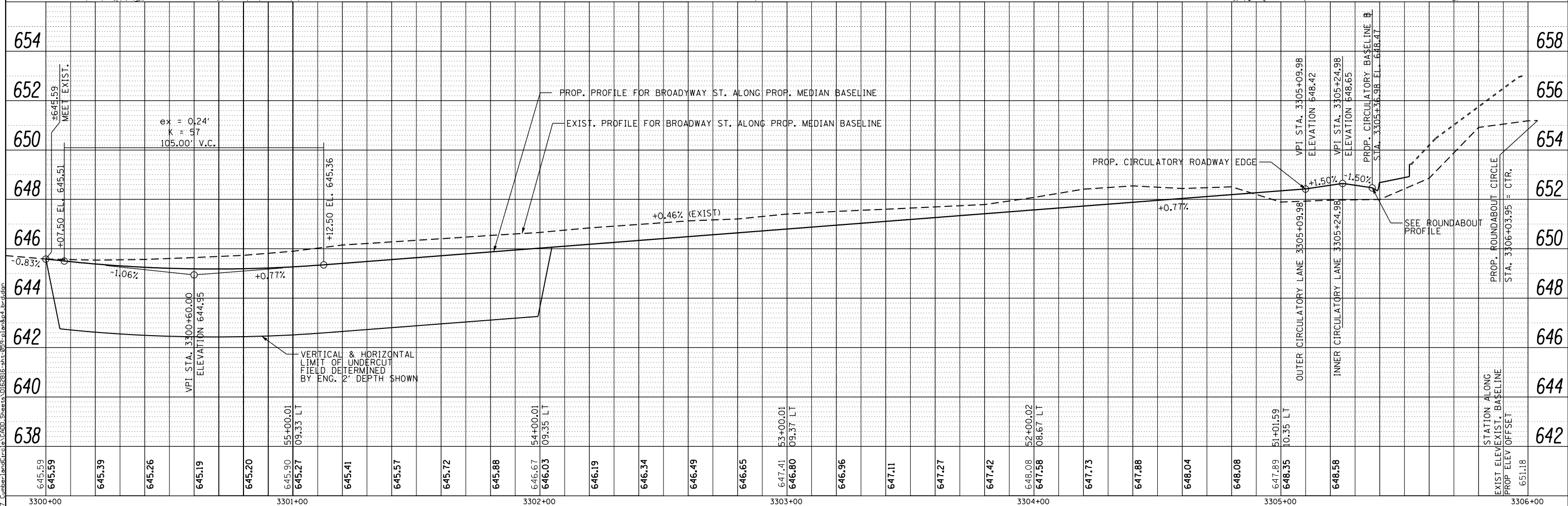
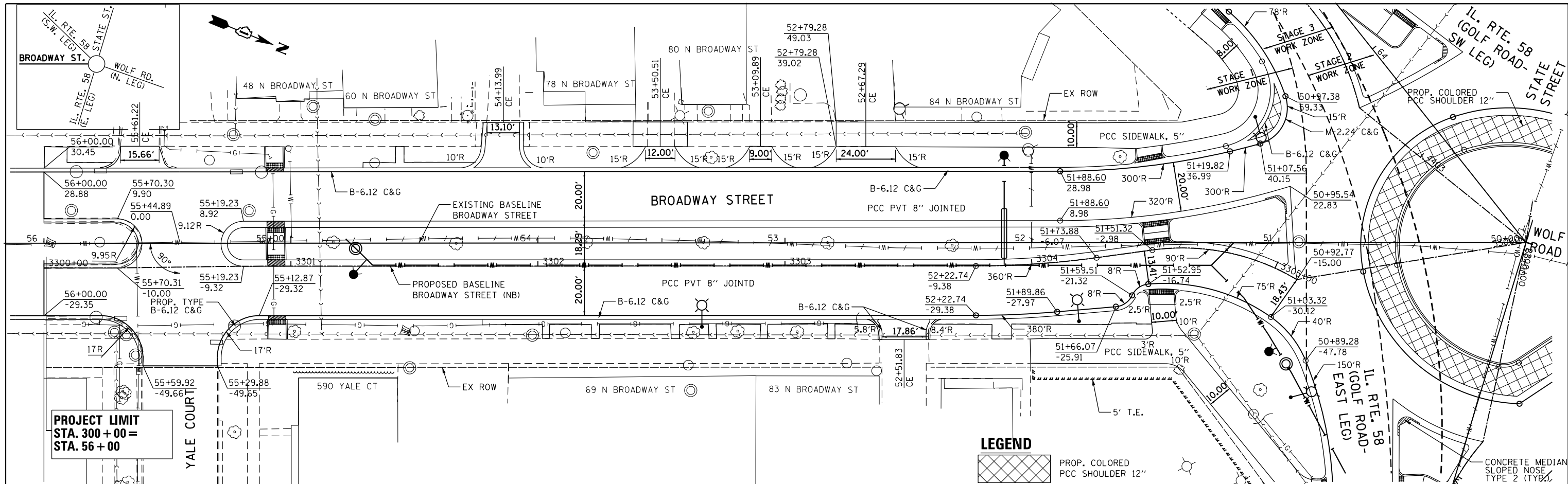
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	BY	



	USER NAME = Ken.drabant	DESIGNED - JMG	REVISED - 12/01/2017	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN & PROFILE ALONG PROP. MEDIAN BASELINE IL RTE. 58 (GOLF ROAD EAST LEG)	F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 37		
	PLOT SCALE = 48.0000' / in.	CHECKED - RB	REVISED -			SCALE: SHEET 03 OF 10 SHEETS STA. TO STA.	CONTRACT NO. 62B16					
	PLOT DATE = 12/11/2017	DATE - 10/17/2017	REVISED -			ILLINOIS FED. AID PROJECT						

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
NOTED	
CHECKED	
STRUCTURE	
NOTED THIS OFF	
NO.	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES	
CHECKED	
STRUCTURE	
NOTED THIS OFF	
NO.	



645.59	645.59	645.39	645.26	645.19	645.20	645.90	645.27	645.41	645.57	645.72	645.88	646.67	646.03	646.19	646.34	646.49	646.65	647.41	646.80	646.96	647.11	647.27	647.42	648.08	647.58	647.73	647.88	648.04	648.08	647.89	648.35	648.58	651.18	651.18		
3300+00				3301+00						3302+00					3303+00										3304+00								3305+00			3306+00



USER NAME = KenDrabant	DESIGNED - JMG	REVISED - 12/01/2017
PLLOT SCALE = 48.0000' / in.	DRAWN - EA	REVISED -
PLLOT DATE = 12/11/2017	CHECKED - RB	REVISED -
	DATE - 10/17/2017	REVISED -

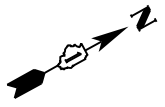
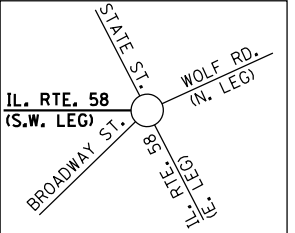
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN & PROFILE ALONG PROP. MEDIAN BASELINE
BROADWAY ST.**

SCALE: SHEET 04 OF 10 SHEETS STA. TO STA.

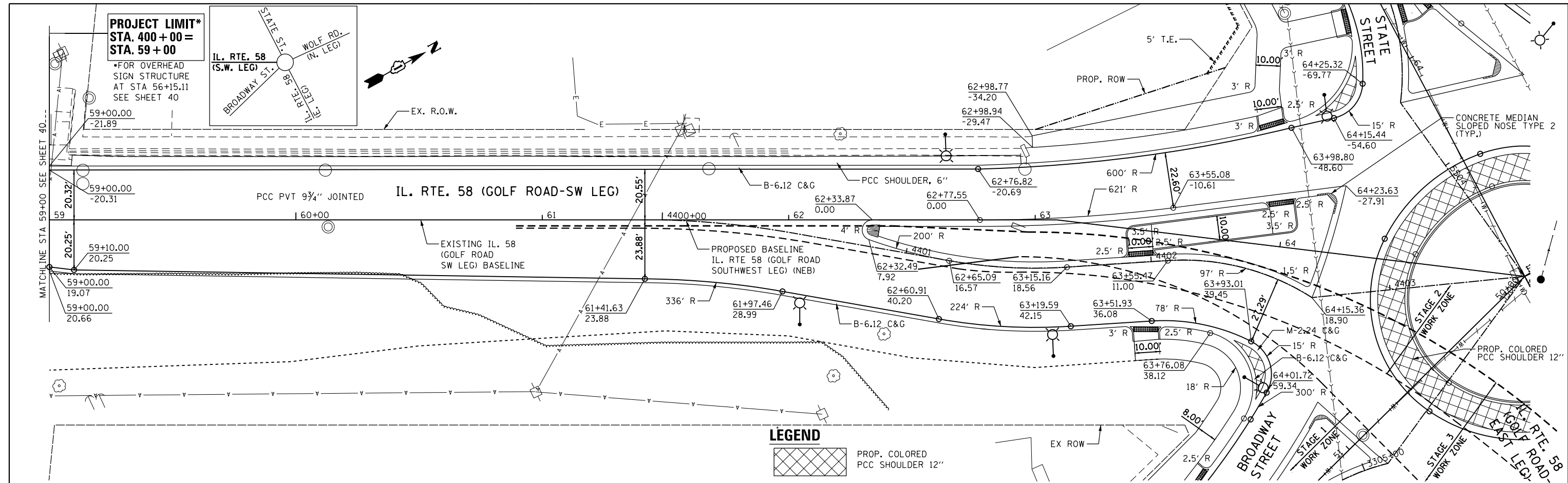
F.A.P. RTF. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 38
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

PROJECT LIMIT*
STA. 400+00 =
STA. 59+00
 *FOR OVERHEAD
 SIGN STRUCTURE
 AT STA 56+15.11
 SEE SHEET 40

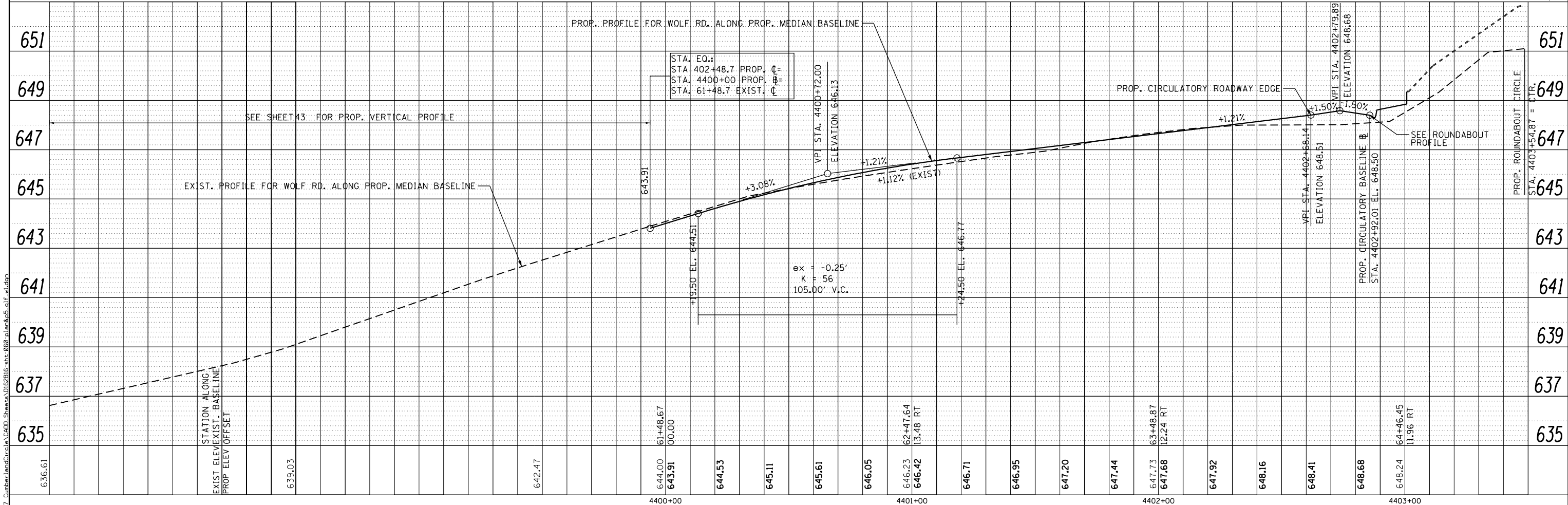


PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CPAD	
	NO.	



LEGEND
 PROP. COLORED PCC SHOULDER 12"



P:\1501-639-WP7_Cumberland\c:\p5\1501-639-WP7_Sheets\0162816-sha-069-plan&ps.dwg
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USER NAME = ahmad.issa	DESIGNED - JMG	REVISED - 12/07/2017
DRAWN - EA	REVISOR -	
PLLOT SCALE = 48.0000' / in.	CHECKED - RB	REVISOR -
PLLOT DATE = 12/7/2017	DATE - 10/17/2017	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

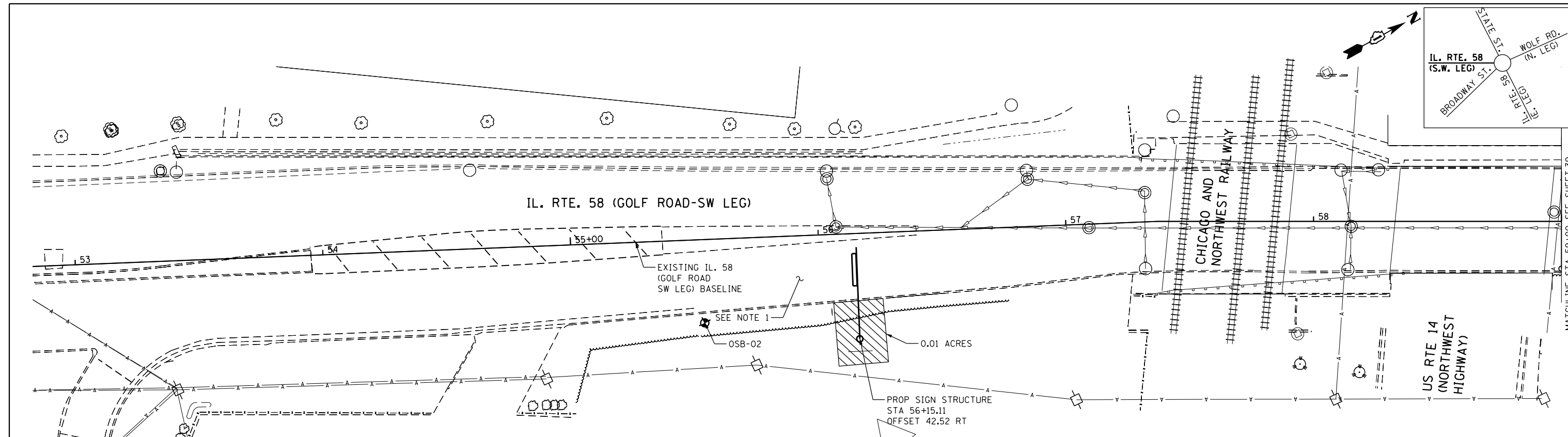
ROADWAY PLAN & PROFILE ALONG PROP. MEDIAN BASELINE
IL RTE 58 (GOLF RD SOUTHWEST LEG)

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 39
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 05 OF 10 SHEETS STA. TO STA.

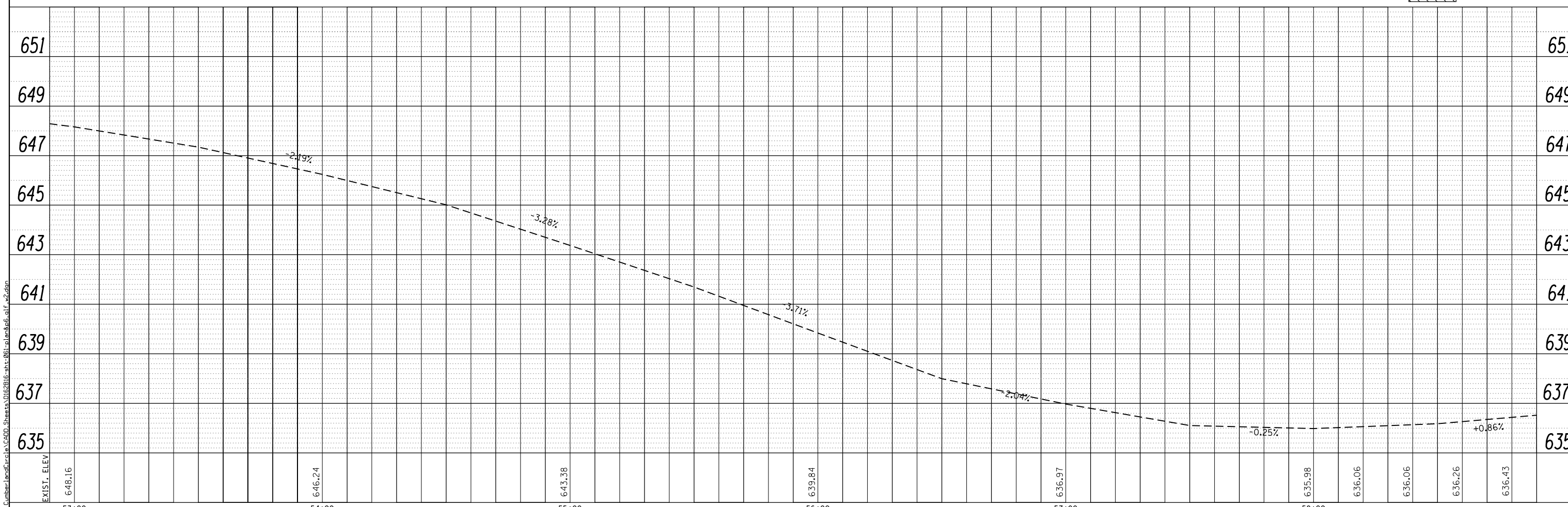
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	



NOTE
 1. NOMINAL QUANTITY FOR TREE TRIMMING HAS BEEN PROVIDED. BRANCHES THAT OBSCURE SIGN PANELS SHALL BE TRIMMED AT THE ENGINEER'S DISCRETION.

LEGEND
 TREE REMOVAL, ACRES

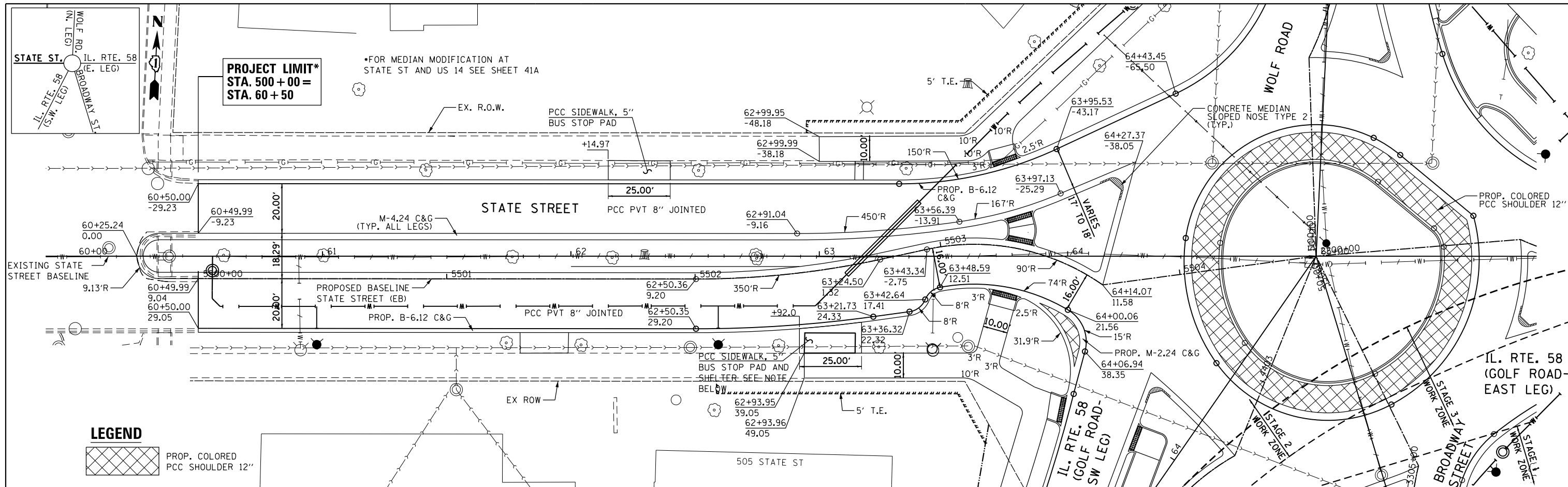


	USER NAME = KenDrabant	DESIGNED - JMG	REVISED - 12/01/2017	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN & PROFILE ALONG PROP. MEDIAN BASELINE IL RTE 58 (GOLF RD SOUTHWEST LEG)		F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 40
	PLOT SCALE = 40.0000' / in.	CHECKED - RB	REVISED -		SCALE:	SHEET 06 OF 10 SHEETS	STA. TO STA.	CONTRACT NO. 62B16		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISED -								

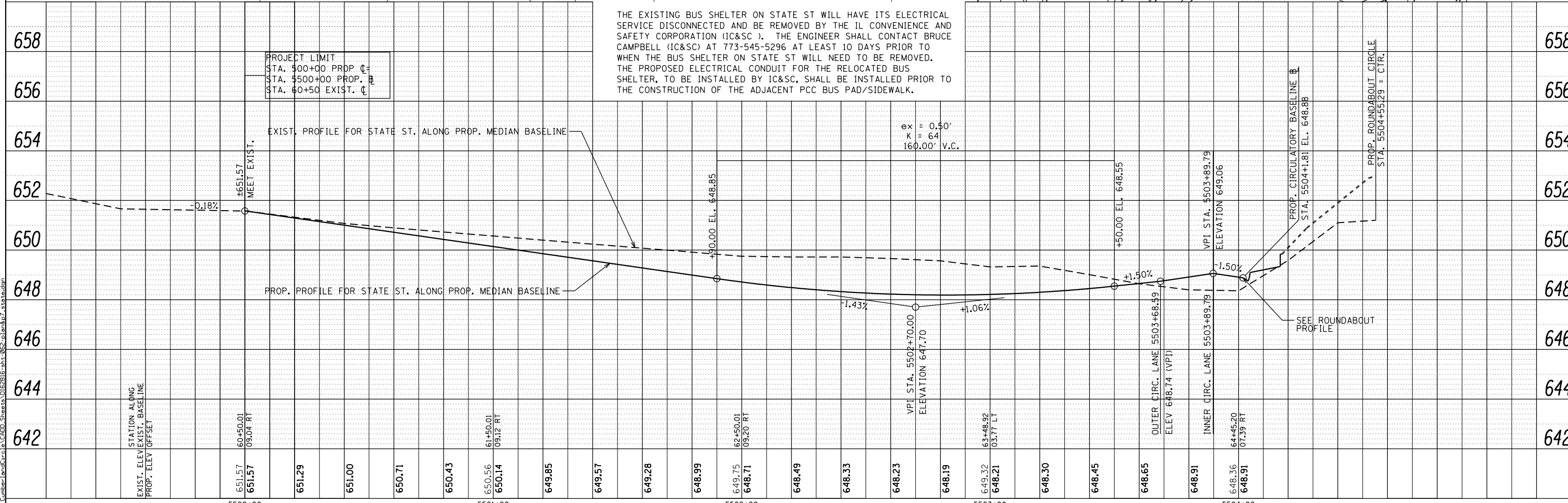
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	ALIGNED
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DATE	
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PROFILE	SURVEYED
	NOTED
	GRADES
	CHECKED
	STRUCTURE
	NOTATIONS
	CHKD
	NO.
	NO.



THE EXISTING BUS SHELTER ON STATE ST WILL HAVE ITS ELECTRICAL SERVICE DISCONNECTED AND BE REMOVED BY THE IL CONVENIENCE AND SAFETY CORPORATION (IC&S). THE ENGINEER SHALL CONTACT BRUCE CAMPBELL (IC&S) AT 773-545-5296 AT LEAST 10 DAYS PRIOR TO WHEN THE BUS SHELTER ON STATE ST WILL NEED TO BE REMOVED. THE PROPOSED ELECTRICAL CONDUIT FOR THE RELOCATED BUS SHELTER, TO BE INSTALLED BY IC&S, SHALL BE INSTALLED PRIOR TO THE CONSTRUCTION OF THE ADJACENT PCC BUS PAD/SIDEWALK.

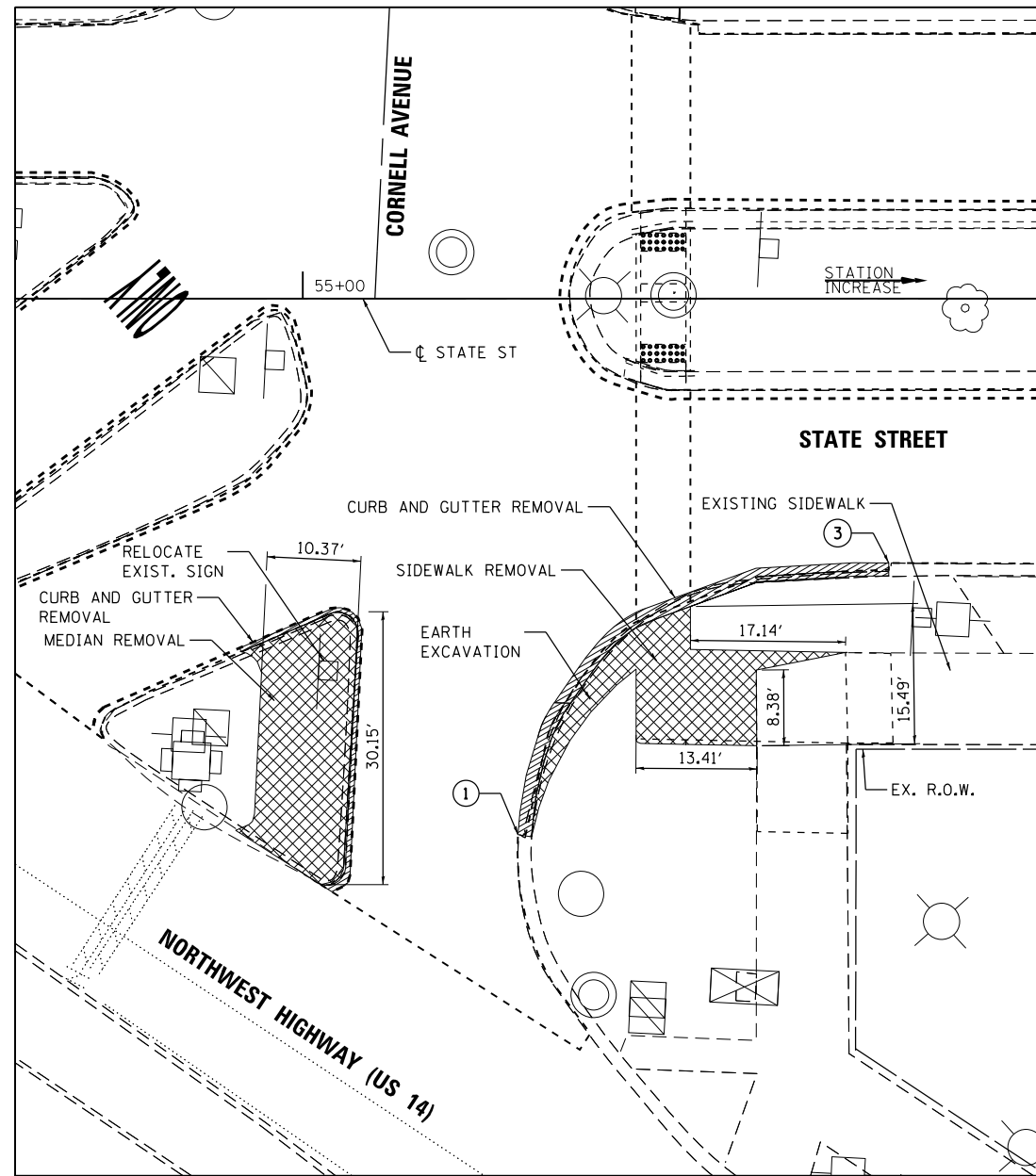


USER NAME = ahmad.issa	DESIGNED - JMG	REVISED - 12/07/2017
PLOT SCALE = 48.0000' / in.	DRAWN - EA	REVISED -
PLOT DATE = 12/7/2017	CHECKED - RB	REVISED -
	DATE - 10/17/2017	REVISED -

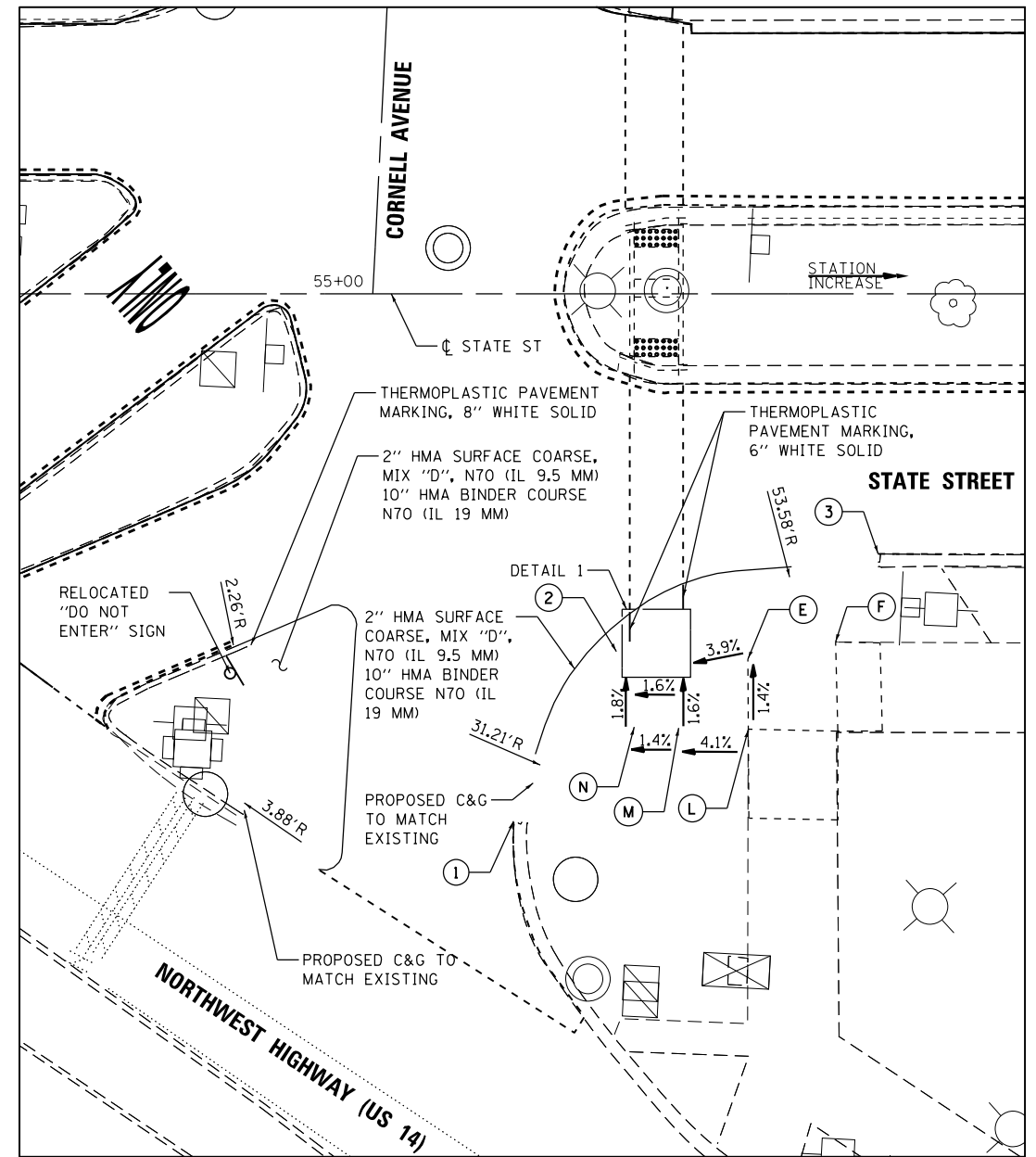
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN & PROFILE ALONG PROP. MEDIAN BASELINE
STATE ST.
SCALE: SHEET 07 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 41
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



REMOVAL AT CORNELL AVENUE



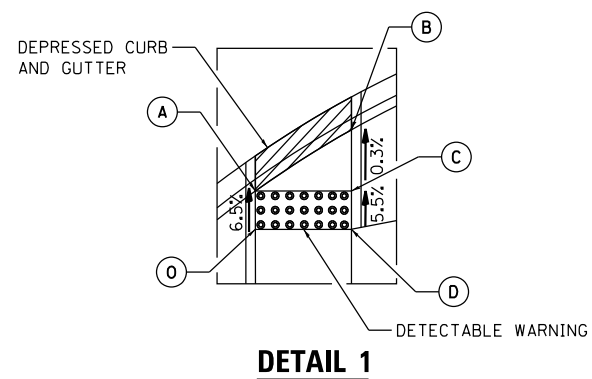
RECONSTRUCTION AT CORNELL AVENUE

LEGEND

- SIDEWALK OR MEDIAN REMOVAL
- CURB AND GUTTER REMOVAL

NOTES

1. ALL STATIONS AND OFFSETS ARE GIVEN TO WITH RESPECT TO EXISTING STATE STREET BASELINE.



POINT	STATION	OFFSET
* 1	55+23.78	59.26
2	55+35.34	40.19
* 3	55+64.77	29.21

(STANDARD 424001)

POINT	STATION	OFFSET	ELEV
A	55+37.33	40.58	654.95
B	55+42.34	37.39	655.04
C	55+42.34	40.58	655.05
D	55+42.34	42.58	655.16
* E	55+50.12	41.05	655.47
* F	55+59.98	39.13	655.33
* L	55+50.23	48.93	655.58
M	55+42.34	48.78	655.26
N	55+37.34	48.68	655.19
O	55+37.34	42.58	655.08

* MATCH EXISTING ELEVATION



USER NAME = ahmad.issa	DESIGNED - MAA	REVISED - 12/07/2017
DRAWN - MAA	REVISIONS -	
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/7/2017	DATE - 06/08/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**State St at US 14
Median Modification Details**

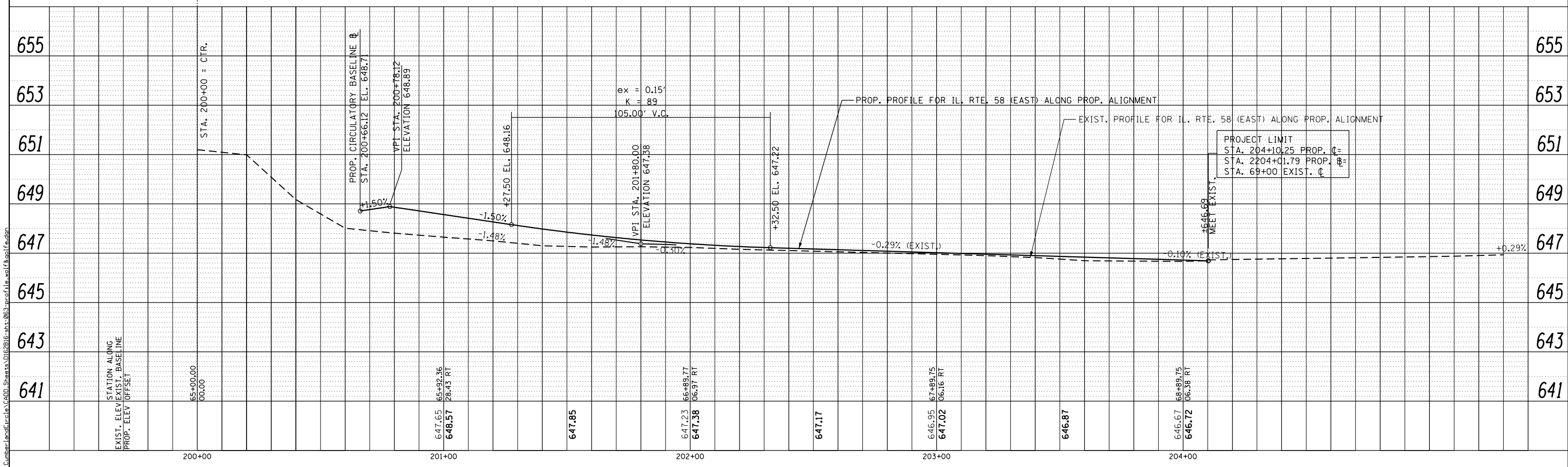
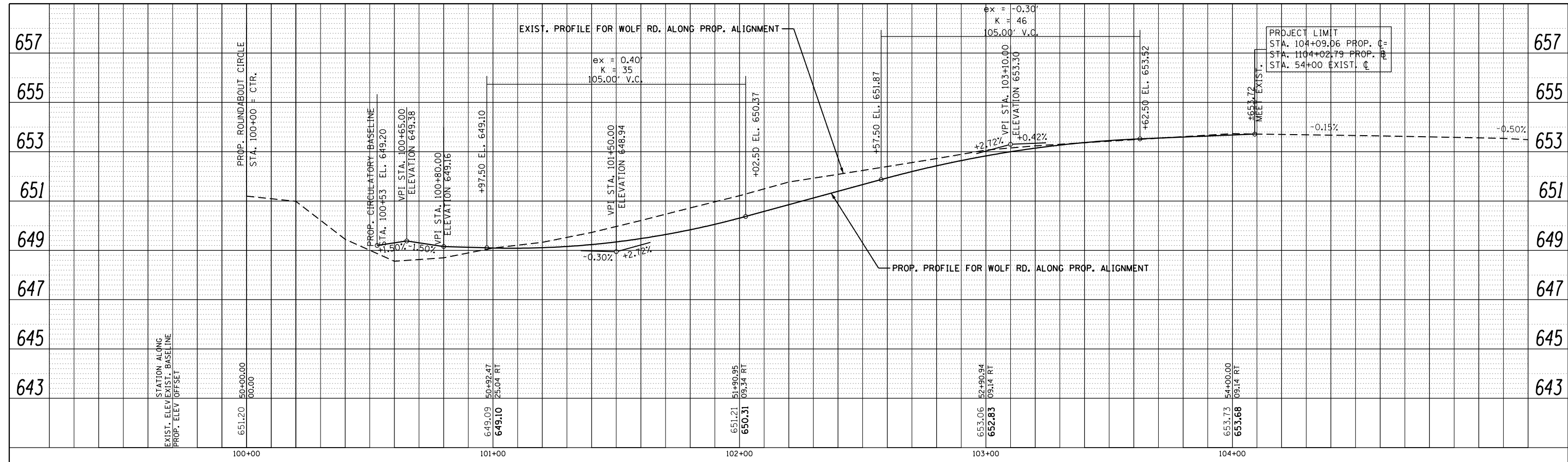
SCALE: SHEET 07A OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 41A
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

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PLAN	SURVEYED	BY	DATE
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	NOTATIONS CHKD		
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USER NAME = KenDrabant	DESIGNED - JMG	REVISED - 12/01/2017
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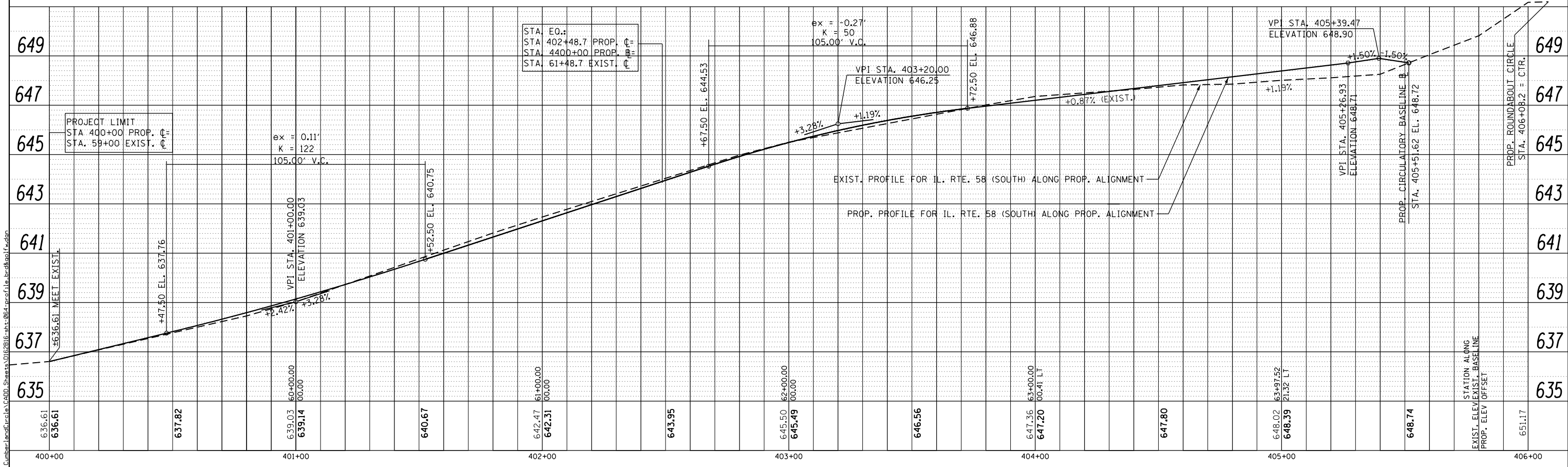
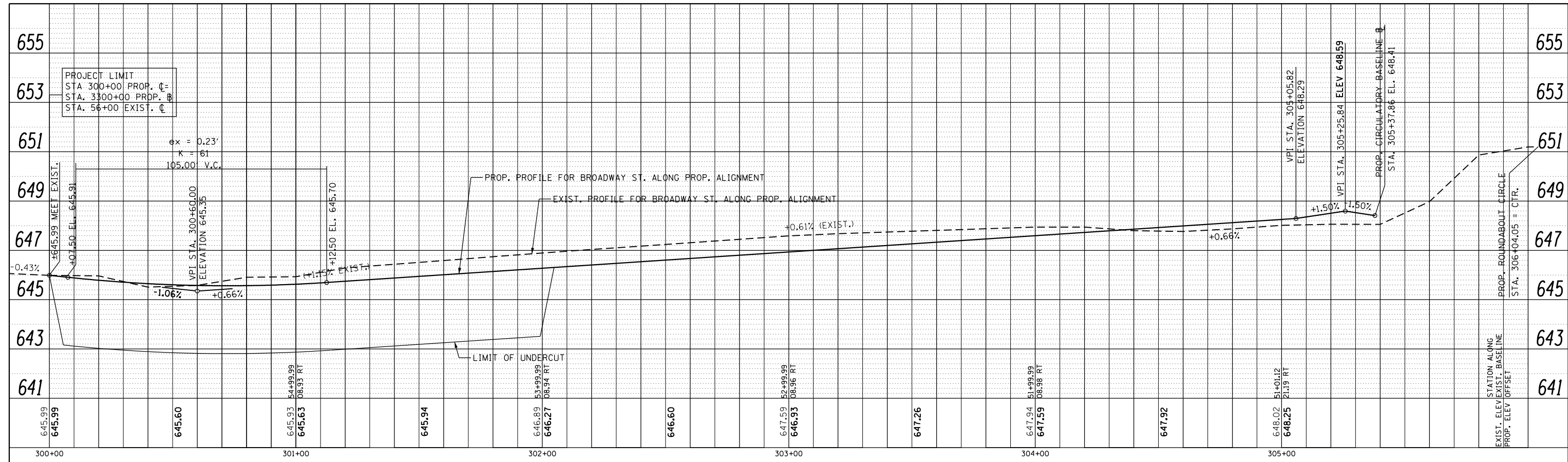
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILES			
WOLF RD AND GOLF RD (EAST LEG)			
SCALE:	SHEET 08	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	42
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

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	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
	CADD FILE NAME		

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	NOTE BOOK NO.		
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 PLOT DATE = 12/1/2017

DESIGNED -	JMG	REVISED -	12/01/2017
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DATE -	10/17/2017	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

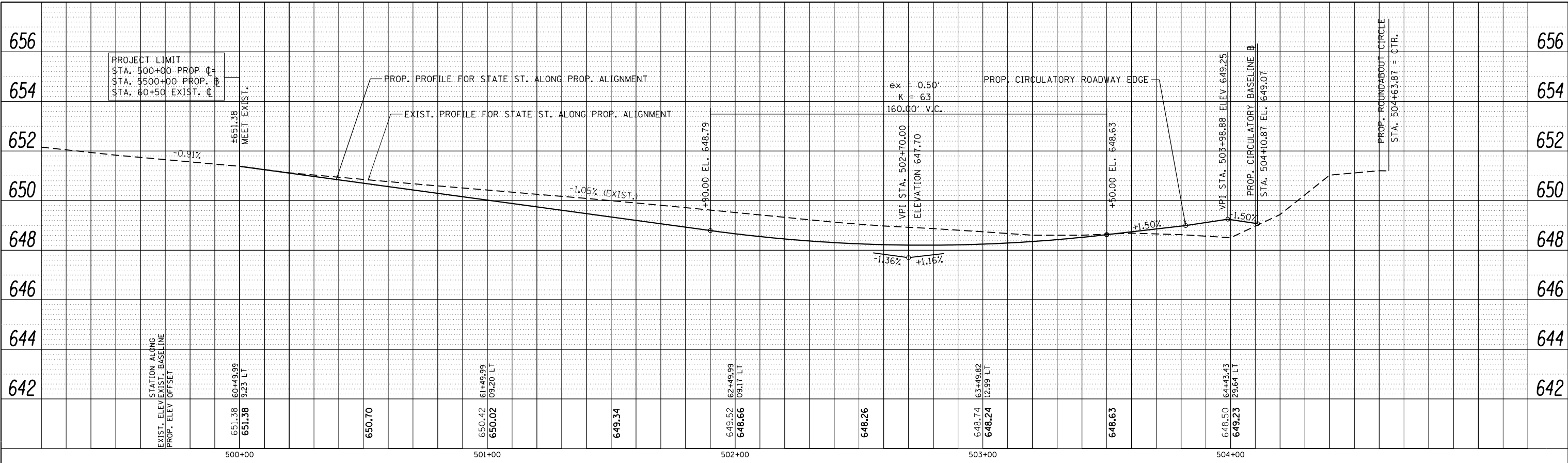
**ROADWAY PROFILES
BROADWAY ST. AND GOLF (SOUTHWEST LEG)**

SCALE: SHEET 09 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	43
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
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	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
	CARD FILE NAME		



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PLOT SCALE = 48.0000' / in.	DRAWN - EA	REVISED -
PLOT DATE = 12/1/2017	CHECKED - RB	REVISED -
	DATE - 10/17/2017	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILES
 STATE ST.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	44
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

GENERAL MAINTENANCE OF TRAFFIC NOTES

THE RESIDENT ENGINEER SHALL COORDINATE WITH IDOT'S CORY JUCIUS TO DETERMINE WHICH CONFLICTING SIGNS SHOULD BE COVERED, WHICH GUIDE SIGNS NEED TO BE RELOCATED AND COORDINATION OF MAINTENANCE OF TRAFFIC WITH BUSINESS OWNERS

PROVIDE ACCESS TO EXISTING BUSINESS AND RESIDENTS IN WORK ZONE AS REQUIRED. THIS WORK SHALL BE PAID FOR AS TEMPORARY ACCESS (PRIVATE ENTRANCE) OR TEMPORARY ACCESS (COMMERCIAL ENTRANCE)

PROVIDE TRANSITION FROM EXISTING PAVEMENT TO PROPOSED PAVEMENT WITH TEMPORARY PAVEMENT (VARIABLE DEPTH) AND /OR HMA SURFACE REMOVAL, VARIABLE DEPTH

INSTALLATION OF SIGN STRUCTURE LOCATED ON GOLF RD (SOUTHWEST LEG) SOUTH OF BRIDGE CARRYING NORTHWEST HIGHWAY OVER GOLF RD (SOUTHWEST LEG) CAN OCCUR IN ANY STAGE OR ITS OWN STAGE ACCORDING TO HIGHWAY STANDARD 701601

ADJUST DRAINAGE STRUCTURES WITHIN LIMITS OF CONSTRUCTION TO PROPOSED GRADE

COORDINATE WITH EXISTING UTILITIES TO ADJUST STRUCTURES TO PROPOSED GRADE

ON SIDE ROADS WHERE THE STOP BAR LOCATION IS CHANGED, A "CAUTION NEW LANES STOP HERE" SIGN SHALL BE INSTALLED FOR A PERIOD OF TWO (2) WEEKS UPON INITIALIZING THE STAGE

WHEN SIGNS ARE BEING PLACED IN THE CHANNELIZING ISLANDS PLACE THE SIGNS BEHIND DRUMS DURING STAGING

PRESTAGE NOTES

CONSTRUCTION

GOLF ROAD (SOUTHWEST LEG)

REMOVE PORTIONS OF EXISTING PAVEMENT BETWEEN STATION 59+00 TO STA 60+04.94 AND CONSTRUCT NEW PAVEMENT.

ELEVATION DIFFERENCE BETWEEN THE PROPOSED PAVEMENT AND EXISTING PAVEMENT SHALL BE TRANSITIONED WITH TEMPORARY PAVEMENT, VARIABLE DEPTH AND/OR HMA SURFACE REMOVAL, VARIABLE DEPTH IN ORDER PROVIDE SMOOTH RIDING SURFACE IN FUTURE STAGES

REMOVE EXISTING MANHOLE NEAR STATION 59+08 AND REPLACE WITH NEW MANHOLE, RECONNECT EXISTING SEWERS TO NEW MANHOLE AND EXTEND NEW SEWER PIPE EAST TO LIMITS OF STAGE CONSTRUCTION AND PLUG. PIPE WILL EXTEND IN FUTURE STAGE. THE EXISTING SEWER LINE FROM THE EAST THAT WILL BE REMOVED LATER SHALL BE MAINTAINED FOR DRAINAGE OF DRAINAGE DITCH DURING LATER STAGES

MAINTENANCE OF TRAFFIC

GENERAL

MAINTAIN EXISTING STOP SIGNS, STOP BARS AND CROSSWALKS

GOLF ROAD (SOUTHWEST LEG)

INSTALL TEMPORARY CONCRETE MEDIAN BARRIER WALL AND ATTENUATORS, MARKINGS AND TRAFFIC CONTROL ELEMENTS

REDUCE NORTHBOUND TRAFFIC FROM TWO LANES TO 1 - 10' LANE

REDUCE SOUTHBOUND TRAFFIC FROM TWO LANES TO 1 - 10' LANE

WOLF ROAD

REDUCE SOUTHBOUND WOLF RD TRAFFIC LANE USING STANDARD 701601

CIRCLE

ADJUST LANE CONFIGURATION IN CIRCLE - SEE PLAN

STAGE IA NOTES

CONSTRUCTION

GOLF ROAD (SOUTHWEST LEG)

REMOVE PORTIONS OF EXISTING CURB AND GUTTER ON EAST SIDE OF GOLF RD (SOUTHWEST LEG)

INSTALL TEMPORARY SOIL RETENTION SYSTEM NEAR THE NORTHWEST HIGHWAY BRIDGE OVER GOLF RD (SOUTHWEST LEG) IN ORDER TO MAINTAIN EXISTING EARTH GRADES ADJACENT TO THE NORTHWEST HIGHWAY BRIDGE WING WALL. THE EARTH SLOPES WILL VARY IN DIRECTION OF THE CIRCLE IN ORDER TO TRANSITION TO THE TEMPORARY PAVEMENT AND DITCH CROSS SECTION.

STAGE IA NOTES CONTINUED

CONSTRUCTION CONTINUED

GOLF ROAD (SOUTHWEST LEG) CONTINUED

ON EAST SLOPE, REMOVE TREES AND BRUSH, REGRADE SLOPE (WITH TEMPORARY DITCH SECTION) AND INSTALL TEMPORARY CATCH BASIN TO BE CONNECTED TO EXISTING CURB INLET

INSTALL TEMPORARY PAVEMENT

AT LOCATIONS WHERE EXISTING DRAINAGE STRUCTURES ARE WITHIN THE LIMITS OF THE TEMPORARY PAVEMENT, PLATE OR ADJUST STRUCTURES TO TOP OF TEMPORARY PAVEMENT ELEVATION.

GOLF ROAD (EAST LEG)

REMOVE PORTIONS OF EXISTING CURB AND GUTTER ON SOUTHSIDE OF GOLF RD (EAST LEG)

RELOCATE EXISTING FIRE HYDRANT THAT CONFLICTS WITH TEMPORARY PAVEMENT

CONSTRUCT TEMPORARY PAVEMENT FOR STAGE 2 TRAFFIC LANES, PROVIDE TEMPORARY PAVEMENT (VARIABLE DEPTH) AT TEMPORARY PAVEMENT MEETS EXISTING PAVEMENTS OR DRIVEWAY

AT LOCATIONS WHERE EXISTING DRAINAGE STRUCTURES ARE WITHIN THE LIMITS OF THE TEMPORARY PAVEMENT, PLATE OR ADJUST STRUCTURES TO TOP OF TEMPORARY PAVEMENT ELEVATION.

BROADWAY STREET

INSTALL TEMPORARY PAVEMENT AT THE YALE COURT AND BROADWAY ST. INTERSECTION REQUIRED FOR SUBSTAGE CONSTRUCTION

INSTALL TEMPORARY PAVEMENT AT CORNER OF BROADWAY STREET AND GOLF RD (SOUTHWEST LEG) FOR FUTURE STAGE II TRAFFIC LANE FROM GOLF RD. (SOUTHWEST LEG) TO BROADWAY SOUTH BOUND

REMOVE EXISTING CURB AND GUTTER, PAVEMENT AND TEMPORARY PAVEMENT (THAT WAS INSTALLED FOR MAINTENANCE OF TRAFFIC PURPOSES FROM PREVIOUS ADJACENT PROJECT)

REMOVE EXISTING TEMPORARY PAVEMENT INSTALLED IN PREVIOUS ADJACENT CONTRACT AFTER USING THIS EXISTING TEMPORARY PAVEMENT FOR THE SUBSTAGE WORK AT INTERSECTION OF YALE COURT AND BROADWAY STREET. PRIOR TO BEGINNING WATERMAIN INSTALLATION PROVIDE DETAILED DESCRIPTION OF WATERMAIN INSTALLATION PROCEDURE TO RESIDENT ENGINEER AND CITY OF DES PLAINES FOR APPROVAL. INSTALLATION PROCEDURE SHOULD ADDRESSED PROTECTION OF EXISTING WATERMAIN IN THE TRENCH PARALLEL TO THE NEW WATERMAIN, TIME OF WATERMAIN SHUT DOWNS, NEED FOR TEMPORARY FLUSHING HYDRANTS AND VALVES ETC. ONCE PROCEDURES ARE APPROVED PROCEED WITH CONSTRUCTION WORK.

INSTALL NEW STORM SEWER SYSTEM WITHIN THE BROADWAY WORK ZONE

MAINTAIN TEMPORARY ROUTING OF SANITARY SEWER DESIGNATED AS "C" ON BROADWAY DRAINAGE SHEET THAT CONFLICTS WITH WATERMAIN AND SEWER PIPE #30 WORK

INSTALL STORM SEWER PIPE #30 FROM BROADWAY WORK ZONE TO CIRCLE CENTER AREA, A PORTION OF PIPE WILL NEED TO BE INSTALLED WHILE MAINTAINING TRAFFIC IN THE CIRCLE AND THIS IS NOTED IN THE STORM SEWER SCHEDULE TO BE PUSHED. JACKING PIT LOCATION AND DETAILS SHALL BE SUBMITTED TO RE FOR APPROVAL. COMPLETION OF THE BROADWAY ST. STORM SYSTEM MUST BE COMPLETED PRIOR INITIATION OF CONSTRUCTION ON STATE STREET AS THIS SYSTEM REPRESENT THE OUTFALL FOR THE SYSTEM TO BE CONSTRUCTED ON STATE ST.

INSTALL NEW SANITARY SEWER DESIGNATED AS "C" ADJUST DRAINAGE STRUCTURES THAT ARE TO REMAIN AND ARE WITHIN THE PROJECT LIMITS.

COORDINATE WITH UTILITIES TO ADJUST STRUCTURES WITHIN THE PROJECT LIMITS

INSTALL PERMANENT LIGHTING, MAINTAIN EXISTING LIGHTING OR PROVIDE TEMPORARY LIGHTING UNTIL TIME THAT NEW LIGHTING IS ACTIVATED

INSTALL PIPE UNDERDRAINS, NEW 8" THICK PCC PAVEMENT, DRIVEWAY, CURB AND GUTTER AND SIDEWALK, ADA RAMPS, PAVEMENT MARKINGS AND OTHER APPURTENANCES.

STAGE IA NOTES CONTINUED

MAINTENANCE OF TRAFFIC

GENERAL

RELOCATE TEMPORARY CONCRETE MEDIAN BARRIER WALL, ATTENUATOR, BARRELS, PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL ELEMENTS

WOLF ROAD

REDUCE SOUTHBOUND WOLF RD TRAFFIC LANE USING STANDARD 701601

PROVIDE 1-12' NORTHBOUND AND 1 -12' SOUTHBOUND TRAFFIC LANES

MAINTAIN EXISTING STOP SIGNS, STOP BARS AND CROSSWALKS

GOLF ROAD (EAST LEG)

PROVIDE 1-12' EASTBOUND LANE, PROVIDE EXISTING MARKINGS FOR LEFT TURN LANE FROM GOLF RD (EAST LEG) INTO 8TH ST.

PROVIDE 1-12' WESTBOUND LANE.

CLOSE SOUTH SIDEWALK AND ACCESS TO SOUTH SIDEWALK TO PEDESTRIAN TRAFFIC AS NOTED ON THE PLAN

BROADWAY STREET

CLOSE ENTRANCE TO BROADWAY FROM CIRCLE AND FROM SOUTH OF YALE COURT

PROVIDE ACCESS TO YALE COURT BY SUB STAGING WORK ACTIVITIES

PROVIDE STAGE 1 DETOUR FOR BROADWAY ST. TRAFFIC. SEE DETOUR PLANS AND NOTES

GOLF ROAD (SOUTHWEST LEG)

PROVIDE 2-10' TRAFFIC LANES IN SOUTHBOUND DIRECTION AND 1 - 12' LANE IN NORTH BOUND DIRECTION. REDUCE NORTHBOUND TRAFFIC FROM 2 LANES TO ONE LANE SOUTH OF BRIDGES OVER GOLF RD (SOUTHWEST LANES)

STATE STREET

PROVIDE 1-12' EASTBOUND LANE, MAINTAIN EXISTING STREET PARKING

PROVIDE 1-12' WESTBOUND, MAINTAIN EXISTING STREET PARKING

MAINTAIN EXISTING STOP SIGNS, STOP BARS AND CROSSWALKS

STAGE IB

CONSTRUCTION

GENERAL

WINTER SHUT DOWN

MAINTENANCE OF TRAFFIC

GENERAL

PROVIDE PRE-CONSTRUCTION TRAFFIC PATTERNS. ADJUST LANE CONFIGURATIONS WITH PAVEMENT MARKING AT BROADWAY NEAR CIRCLE TO ACCOMMODATE NEW BROADWAY ST. TRAFFIC LANE CONFIGURATION

THE ENGINEER SHALL CONTACT PACE AT LEAST 2 WEEKS IN ADVANCE OF ALL CHANGES IN TRAFFIC CONFIGURATION

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PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING NOTES

SCALE: SHEET 01 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	45
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

STAGE II NOTES

CONSTRUCTION

WOLF ROAD, NORTHSIDE OF GOLF ROAD (EAST LEG), WESTSIDE OF GOLF ROAD (SOUTHWEST LEG), STATE STREET, AND CIRCLE
 REMOVE EXISTING CURB AND GUTTER, PAVEMENT, SIDEWALK AND APPURTENANCES - SEE JOINTING PLANS FOR JOINT LOCATION AND PAVEMENT THICKNESSES

INSTALL NEW WATERMAIN AND STORM SEWERS. ON GOLF ROAD (EAST LEG) PLUG ENDS OF NEW WATERMAIN AND SEWERS THAT CAN ONLY BE PARTIALLY CONSTRUCTED DUE TO THE LIMITS OF WORK ZONE. PLUGS TO BE REMOVED FOR FUTURE CONNECTION IN FOLLOWING STAGES. ON GOLF (SOUTHWEST LEG) ADJUST CURB INLETS TO PROPOSED GRADE.

COMPLETE INSTALLATION OF SANITARY SEWER "C"

INSTALL UNDERDRAINS AND PORTIONS OF NEW STREET LIGHTING, MAINTAIN EXISTING STREET LIGHTING UNTIL NEW LIGHTING IS IN SERVICE

CONSTRUCT NEW CURB AND GUTTER, SPLITTER ISLANDS AT WOLF RD AND STATE STREET, NEW PAVEMENT,(SEE JOINTING PLANS FOR JOINT LOCATION AND PAVEMENT THICKNESSES) SIDEWALK, ADA RAMPS, DRIVEWAYS, TRUCK APRONS AND APPURTENANCES.

RELOCATE SANITARY SEWER BY NEW OVERHEAD SIGN STRUCTURE LOCATED WEST OF 8TH AVE. ON NORTH SIDE OF GOLF RD (EAST LEG) AND INSTALL NEW SIGN STRUCTURE

MAINTENANCE OF TRAFFIC

WOLF ROAD AND STATE STREET
 PROVIDE DETOUR FOR WOLF RD AND STATE STREET. SEE STAGE II DETOUR PLANS AND NOTES
 GOLF ROAD (EAST LEG)
 PROVIDE 1 - 12' LANE IN EASTBOUND DIRECTION AND 1 - 12' LANE IN THE WESTBOUND DIRECTION.
 BROADWAY STREET
 MAINTAIN FINAL TRAFFIC LANE CONFIGURATIONS
 GOLF ROAD (SOUTHWEST LEG)
 PROVIDE 1- 12' LANE OF TRAFFIC IN THE NORTHBOUND DIRECTION AND 1-12' LANE IN SOUTHBOUND DIRECTION.

STAGE IIIA NOTES

CONSTRUCTION

GOLF ROAD (SOUTHWEST LEG)
 IN ORDER TO MAINTAIN PAVEMENT JOINT OUTSIDE FUTURE WHEEL PATH, REMOVE AND CONSTRUCT A LIMITED PORTION OF GOLF ROAD (SOUTHWEST LEG) PAVEMENT BETWEEN STATIONS 60+05 TO 61+85

INSTALL TEMPORARY PAVEMENT IN VICINITY OF FUTURE SPLITTER ISLAND AS REQUIRED FOR STAGE IV TRAFFIC

GOLF ROAD (EAST LEG)
 INSTALL TEMPORARY PAVEMENT IN VICINITY OF FUTURE SPLITTER ISLAND AS REQUIRED FOR STAGE IV TRAFFIC

CIRCLE
 INSTALL TEMPORARY PAVEMENT IN CENTER ISLAND IN AREAS REQUIRED FOR STAGE IIIB TRAFFIC

MAINTENANCE OF TRAFFIC

CIRCLE
 PROVIDE IN GENERAL 1 LANE. SEE PLAN
 INSTALL TEMPORARY CONCRETE MEDIAN BARRIER WALL AND ATTENUATORS, MARKINGS AND TRAFFIC CONTROL ELEMENTS
 WOLF ROAD, STATE STREET AND BROADWAY STREET
 PROVIDE FINAL LANE CONFIGURATIONS.
 GOLF ROAD (EAST LEG)
 PROVIDE 1 - 10' LANE IN EASTBOUND AND 1 - 12' LANE IN THE WESTBOUND DIRECTION.

STAGE IIIA NOTES CONTINUED

MAINTENANCE OF TRAFFIC CONTINUED

GOLF ROAD (SOUTHWEST LEG)
 PROVIDE 1- 12' LANE OF TRAFFIC IN THE NORTHBOUND DIRECTION AND 1-10' LANE IN SOUTHBOUND DIRECTION.

STAGE IIIB NOTES

CONSTRUCTION

SOUTHSIDE OF GOLF ROAD (EAST LEG), EASTSIDE OF GOLF ROAD (SOUTHWEST LEG), AND PORTIONS OF CIRCLE
 REMOVE EXISTING CURB AND GUTTER, PAVEMENT, DRIVEWAYS, SIDEWALK AND APPURTENANCES

INSTALL NEW WATERMAIN AND STORM SEWERS. ON GOLF ROAD (EAST LEG) COMPLETE NEW WATERMAIN AND SEWERS THAT WERE PARTIALLY CONSTRUCTED IN PREVIOUS STAGES.

INSTALL UNDERDRAINS AND PORTIONS OF NEW STREET LIGHTING, MAINTAIN EXISTING STREET LIGHTING UNTIL NEW LIGHTING IS IN SERVICE

REMOVE PORTIONS OF TEMPORARY PAVEMENT NOT REQUIRED FOR STAGE IV TRAFFIC LANES.

REMOVE RELOCATED FIRE HYDRANT ON GOLF RD (EAST LEG)

REMOVE TEMPORARY SOIL RETENTION SYSTEM

MAINTENANCE OF TRAFFIC

CIRCLE
 REDUCE TRAFFIC TO 1 LANE, SEE PLAN
 WOLF ROAD AND STATE STREET
 MAINTAIN FINAL TRAFFIC PATTERNS
 GOLF ROAD (EAST LEG)
 PROVIDE 1 - 10' LANE IN THE WEST DIRECTION AND 1 12' LANE IN THE EAST DIRECTION
 GOLF ROAD (SOUTHWEST LEG)
 PROVIDE 1- 12' LANE OF TRAFFIC IN THE NORTHBOUND DIRECTION AND 1-12' LANE IN SOUTHBOUND DIRECTION.
 BROADWAY STREET
 PROVIDE LOCAL ACCESS TO BUSINESS, SEE STAGE III DETOUR FOR THRU TRAFFIC

STAGE IVA NOTES

CONSTRUCTION

CIRCLE
 CONSTRUCT REMAINING PORTIONS OF TRUCK APRON, TRUCK APRON CURB AND GUTTER AND BARRIER CURB AND PAVEMENT IN LOCATIONS NOT CONSTRUCTED IN EARLIER STAGES.

MAINTENANCE OF TRAFFIC

CIRCLE
 REDUCE LANE WIDTHS ADJACENT TO TRUCK APRON, PAVEMENT AND C&G WORK
 WOLF ROAD, BROADWAY STREET, GOLF ROAD (EAST LEG) AND STATE STREET
 PROVIDE FINAL TRAFFIC CONFIGURATION
 GOLF ROAD (SOUTHWEST LEG)
 PROVIDE 1 - 12' LANE IN THE NORTH DIRECTION AND 2-10' LANE IN THE SOUTH DIRECTION

STAGE IVB NOTES

CONSTRUCTION

GOLF ROAD (EAST LEG), GOLF ROAD (SOUTHWEST LEG) AND CIRCLE
 REMOVE TEMPORARY PAVEMENT
 CONSTRUCT SPLITTER ISLAND, INCLUDING ADA RAMPS AND CURB AND GUTTER AND SIDEWALK

MAINTENANCE OF TRAFFIC

CIRCLE
 PROVIDE 1 TRAFFIC LANE AT SOME LOCATIONS. SEE PLAN
 GOLF ROAD (EAST LEG) AND GOLF ROAD (SOUTHWEST LEG)
 CLOSE LANES ADJACENT TO SPLITTER ISLAND

STAGE IVC NOTES

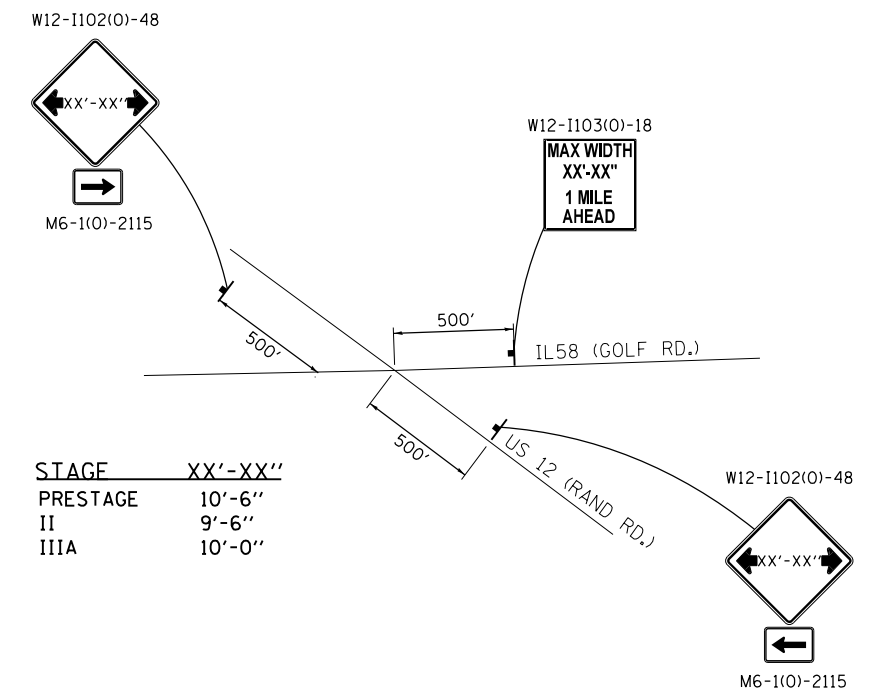
CONSTRUCTION

GOLF ROAD (EAST LEG), GOLF ROAD (SOUTHWEST LEG) AND CIRCLE
 REMOVE TEMPORARY PAVEMENT AND CONSTRUCT PORTIONS OF SIDEWALK, ADA RAMP, CURB AND GUTTER AT THE NORTH SIDE OF GOLF RD (EAST LEG) NEAR THE CIRCLE

MAINTENANCE OF TRAFFIC

GOLF ROAD (EAST LEG)
 PROVIDE 1 - 12' LANE ADJACENT TO WORK ON THE NORTHEAST CORNER OF WOLF RD AND GOLF RD (EAST LEG)

***ADVANCED WIDTH RESTRICTION SIGNING (WB TRAFFIC)**



*SEE STAGING PLANS FOR EB TRAFFIC WIDTH RESTRICTION SIGNING.

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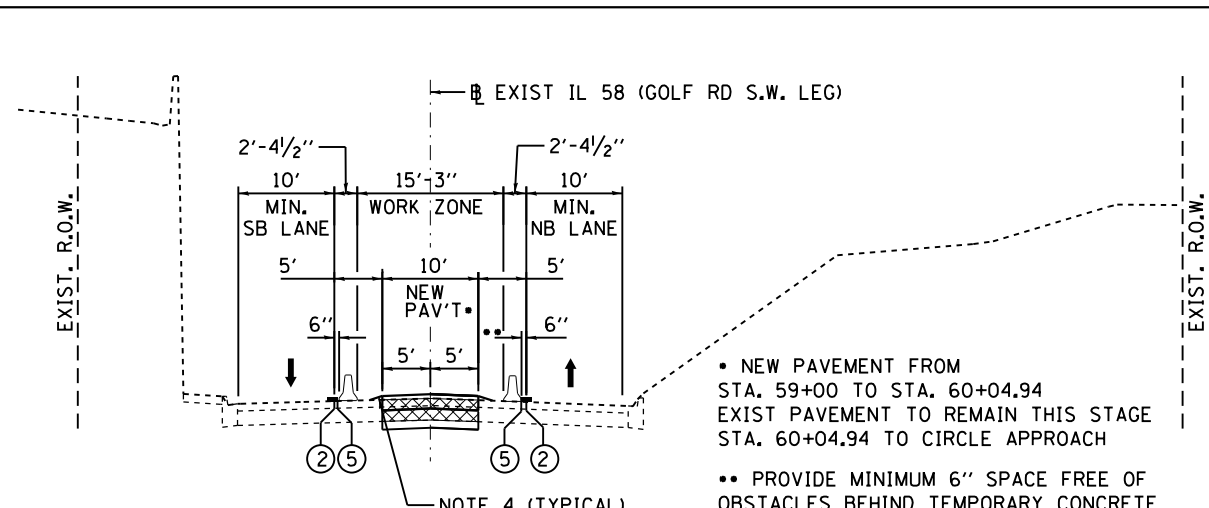
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	DRAWN - KJD	REVISED -
PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISED -

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 DEPARTMENT OF TRANSPORTATION

STAGING NOTES

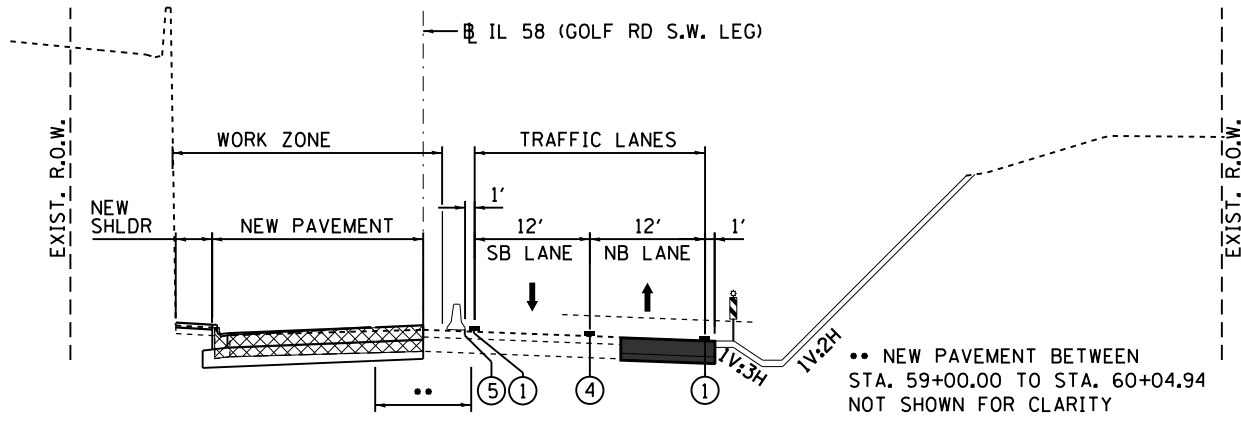
SCALE: SHEET 02 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	46
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



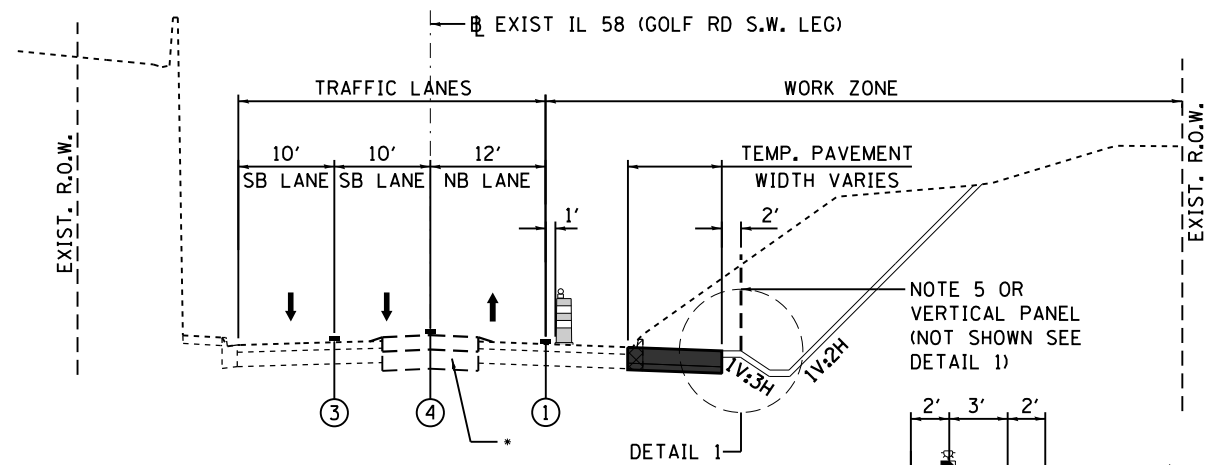
PRESTAGE - GOLF ROAD (S.W. LEG)
STA. 57+92 TO STA. 60+20
LOOKING TOWARDS CIRCLE

- NEW PAVEMENT FROM STA. 59+00 TO STA. 60+04.94
EXIST PAVEMENT TO REMAIN THIS STAGE
STA. 60+04.94 TO CIRCLE APPROACH
- PROVIDE MINIMUM 6" SPACE FREE OF OBSTACLES BEHIND TEMPORARY CONCRETE BARRIER, TYPICAL.

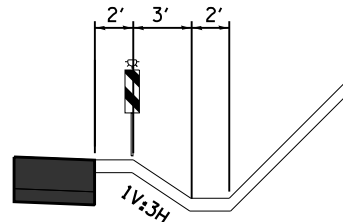


STAGE II - GOLF ROAD (S.W. LEG)
STA. 59+00.00 TO STA. 61+48.67
LOOKING TOWARDS CIRCLE

NOTE B SECTION SHOWN AT PROP SPLITTER ISLAND, SOUTH OF SPLITTER, LOCATION OF EAST EDGE OF NEW PAV'T VARIES. SEE PLAN.

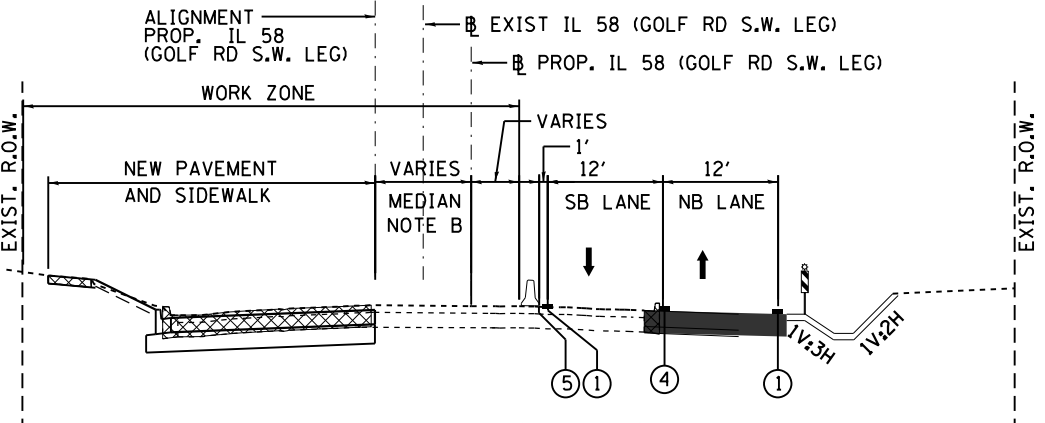


STAGE IA - GOLF ROAD (S.W. LEG)
STA. 59+00.00 TO STA. 61+48.67
LOOKING TOWARDS CIRCLE

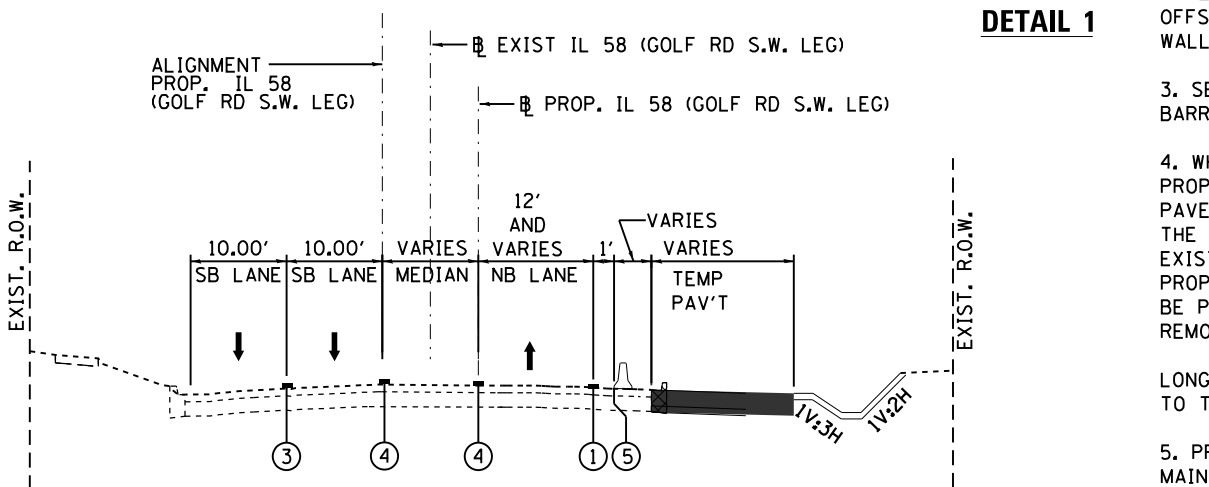


NOTES

- SEE MOT PLAN SHEETS FOR TYPE OF TEMPORARY PAVEMENT MARKING.
- TEMPORARY CONCRETE BARRIER WALL SHALL BE CONTINUOUSLY PINNED TO THE PAVEMENT UPON ENGINEER'S APPROVAL IF A 3.5 FOOT CLEAR ZONE FREE OF DROP-OFFS, FIXED OBJECTS OR OTHER OBSTACLES CAN BE PROVIDED FOR BEHIND THE WALL, PINS CAN BE ELIMINATED.
- SEE SHEET 69 FOR TEMPORARY CONCRETE BARRIER OFFSET SCHEDULE FOR BARRIER LOCATION
- WHERE STAGED TRAFFIC LANES INCORPORATE EXISTING PAVEMENT AND PROPOSED PAVEMENT, AND THE ELEVATION DIFFERENCE BETWEEN PROPOSED PAVEMENT AND EXISTING PAVEMENT IS GREATER THAN 1.5" AND LESS THAN 4" IN THE TRANSVERSE DIRECTION THEN PROVIDE TEMPORARY WEDGE AND/OR MILL EXISTING PAVEMENT TO PROVIDE A 1V:3H SLOPED EDGE BETWEEN EXISTING AND PROPOSED PAVEMENT AND MINIMUM THICKNESS OF HMA OF 1 1/2". THIS WORK WILL BE PAID FOR AS TEMPORARY PAVEMENT (VARIABLE DEPTH) AND HMA SURFACE REMOVAL, VARIABLE DEPTH.
- LONGITUDINAL TRANSITIONS FROM EXISTING TO PROPOSED PAVEMENT IS SIMILAR TO TRANSVERSE'S TRANSITION EXCEPT SLOPE SHALL BE 1V:36H
- PROVIDE TEMPORARY SOIL RETENTION SYSTEM FROM STA 58+95 TO STA 59+20. MAINTAIN MINIMUM EXIST GROUND ELEVATION ALONG THE FACE OF NORTH WING WALL OF THE NORTHWEST HIGHWAY BRIDGE OVER IL 58. PROVIDE A 1V:3H MIN. EARTH SLOPE FROM WALL TOWARDS CIRCLE AS BACKSLOPE TRANSITIONS FROM EXIST. SLOPE AT RETAINING WALL TO NEW BACK SLOPE FOR TEMPORARY DITCH SECTION.
- STAGE IB (WINTER SHUT DOWN) MAINTAIN PRECONSTRUCTION EXISTING TRAFFIC PATTERNS, SEE PLAN VIEW.



STAGE II - GOLF ROAD (S.W. LEG)
STATION 61+48.67 TO CIRCLE APPROACH
LOOKING TOWARDS CIRCLE



STAGE IA - GOLF ROAD (S.W. LEG)
STATION 61+48.67 TO CENTER APPROACH
LOOKING TOWARDS CIRCLE

LEGEND

- ① TEMPORARY PAVEMENT MARKING 4" WHITE SOLID
 - ② TEMPORARY PAVEMENT MARKING 4" YELLOW SOLID
 - ③ TEMPORARY PAVEMENT MARKING 4" WHITE SKIP-DASH
 - ④ TEMPORARY PAVEMENT MARKING 4" YELLOW DOUBLE
 - ⑤ SEE NOTE 3
- VERTICAL PANEL, DOUBLE SIDED WITH BIDIRECTIONAL LIGHTS @ 50' C-C
- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- REMOVAL
- TEMPORARY PAV'T

NOTES (CONTINUED)

7. STAGE IVA CONSTRUCTION OF TRUCK APRON OF CIRCLE SEE PLAN VIEW.

HMA MIXTURE REQUIREMENTS

PAY ITEM DESCRIPTION	MIX TYPE	% AIR VOIDS @ N _{des}	OMP
TEMPORARY PAVEMENT	HMA SURFACE COURSE, MIX D, N70 (IL-9.5 mm); 2"	4% @ 70 Gyr.	OC/OA
	TEMP PAVEMENT (HMA BINDER IL-19); 8"	4% @ 70 Gyr.	OC/OA
TEMPORARY PAVEMENT (VARIABLE DEPTH)	HMA SURFACE COURSE, MIX D, N70 (IL-9.5 mm)	4% @ 70 Gyr.	OC/OA

OMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (OC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP).

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/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 USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
TEMPORARY PCC PAVEMENT USE IS OPTIONAL AND IF USED SHALL CONSIST OF 8" TEMPORARY PCC PAVEMENT
SUBBASE GRANULAR MATERIAL TYPE B 4 INCH (CA-6)
IF HMA OPTION IS USED PROVIDE SUBBASE MATERIAL TYPE B 4" (CA-6)

FOR ADDITIONAL HMA MIXTURE REQUIREMENTS SEE SHEET 99.

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 15801-638-1007_CumberlandRoad\Drawings\15801-638-1007-1\General\15801-638-1007-1.dwg

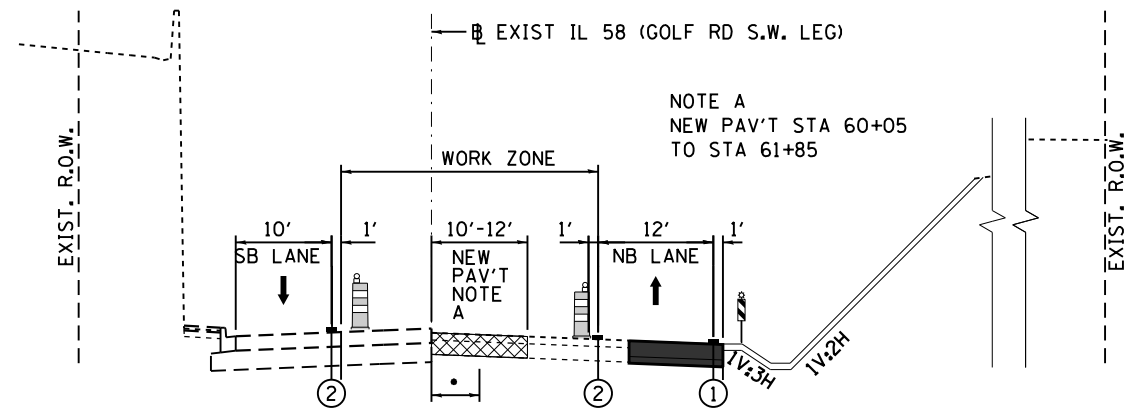


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STAGING TYPICALS - GOLF RD (SW LEG)	
SCALE:	SHEET 03 OF 26 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 47
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

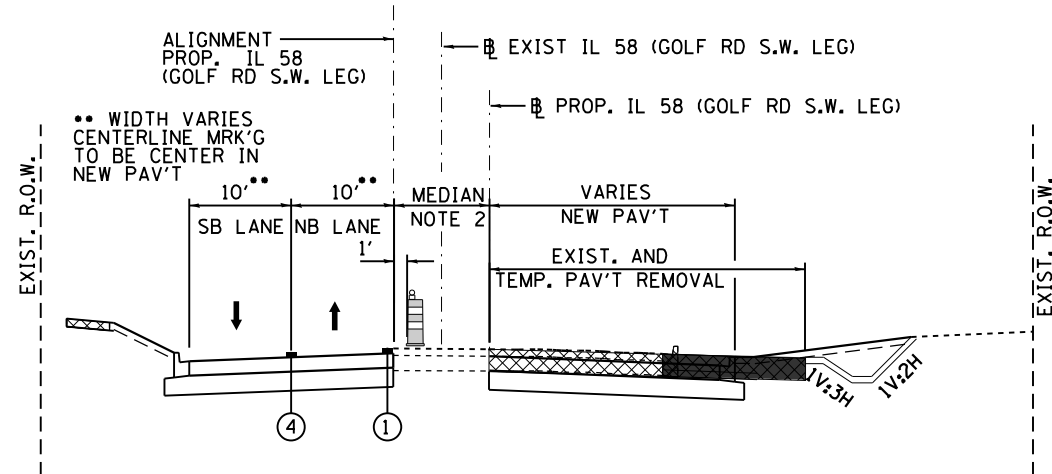


STAGE IIIA GOLF ROAD (S.W. LEG)

STA. 59+00 TO STA. 61+85
LOOKING TOWARDS CIRCLE

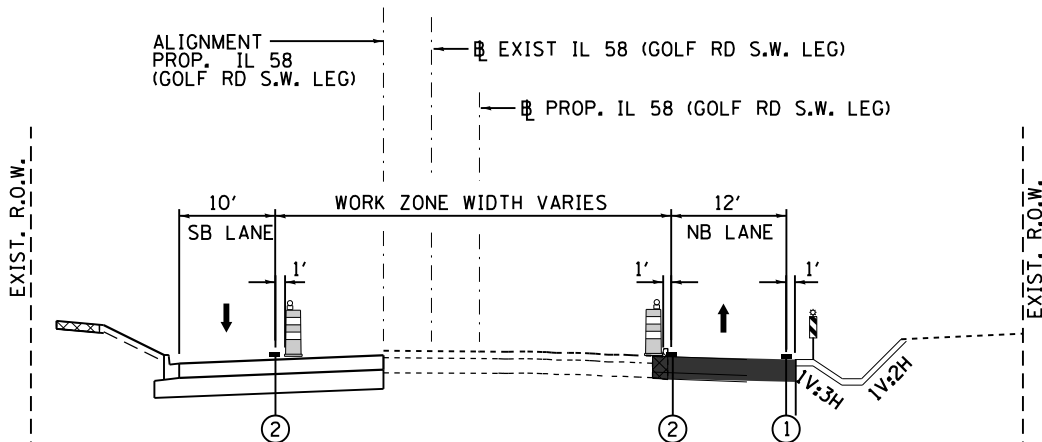
NOTE A
NEW PAV'T STA 60+05
TO STA 61+85

• NEW PAVEMENT CONSTRUCTED IN PRESTAGE AND LOCATED CENTERED ABOUT EXIST IL BETWEEN STA. 59+00.00 TO STA. 60+04.94 NOT SHOWN FOR CLARITY



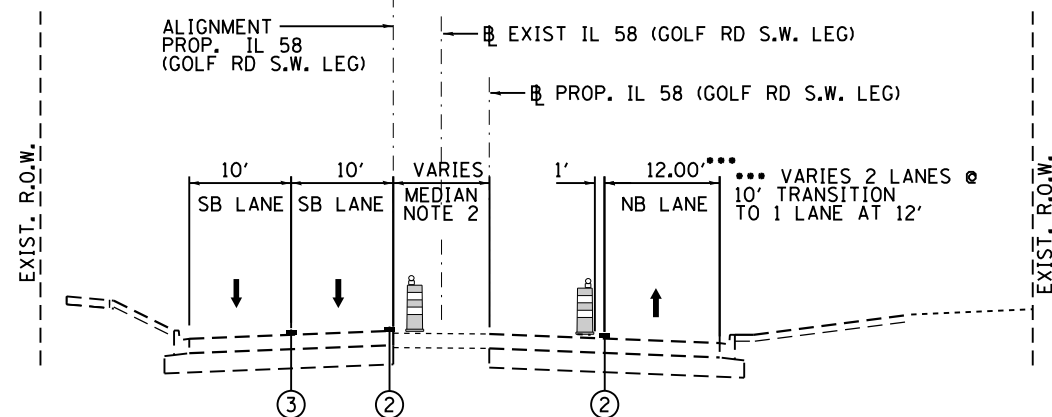
STAGE IIIB- GOLF ROAD (S.W. LEG)

STATION 61+85 TO APPROACH TO CIRCLE
LOOKING TOWARDS CIRCLE



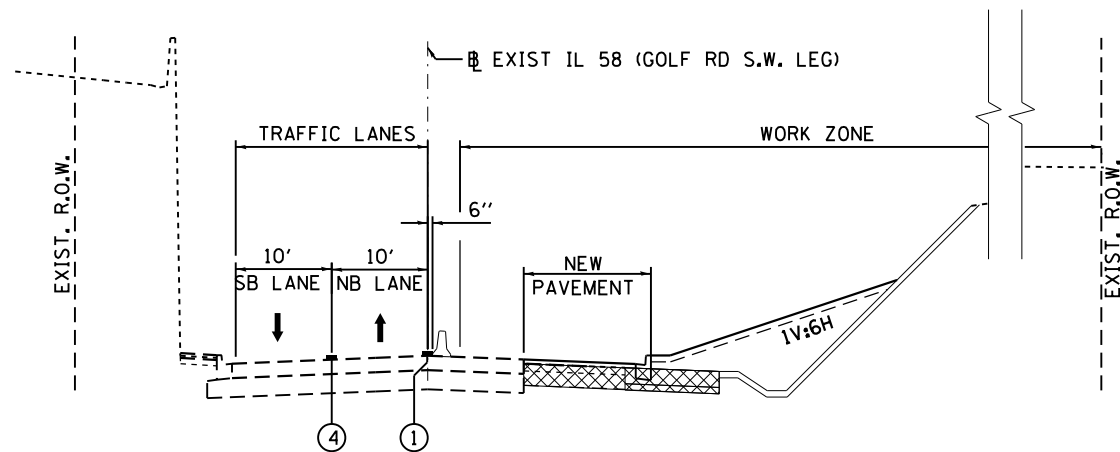
STAGE IIIA- GOLF ROAD (S.W. LEG)

STATION 61+85 TO APPROACH TO CIRCLE
LOOKING TOWARDS CIRCLE



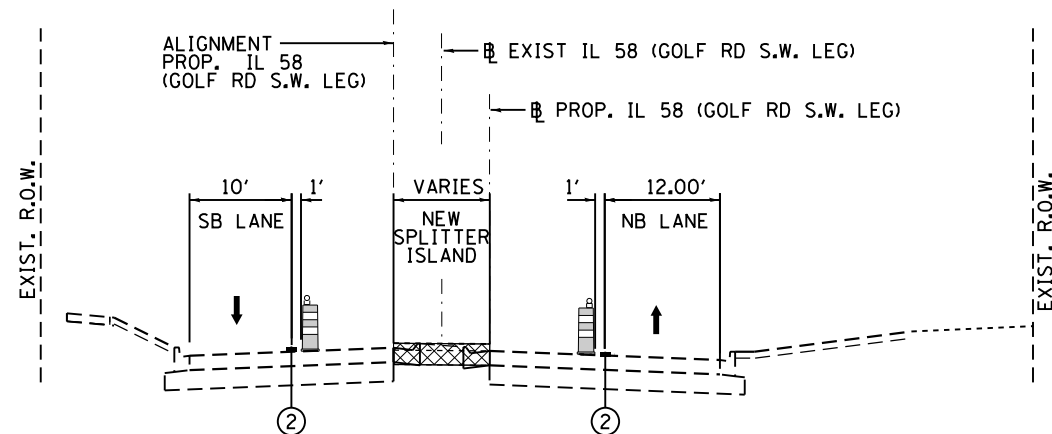
STAGE IVA - GOLF ROAD (S.W. LEG)

STATION 59+00 TO APPROACH TO CIRCLE
LOOKING TOWARDS CIRCLE



STAGE IIIB - GOLF (S.W. LEG)

STA. 59+00.00 TO STA. 61+85
LOOKING TOWARDS CIRCLE



STAGE IVB - GOLF ROAD (S.W. LEG)

STATION 62+00 TO CIRCLE APPROACH
LOOKING TOWARDS CIRCLE

LEGEND

- ① TEMPORARY PAVEMENT MARKING 4" WHITE SOLID
- ② TEMPORARY PAVEMENT MARKING 4" YELLOW SOLID
- ③ TEMPORARY PAVEMENT MARKING 4" WHITE SKIP- DASH
- ④ TEMPORARY PAVEMENT MARKING 4" YELLOW DOUBLE

VERTICAL PANEL, DOUBLE SIDED WITH BIDIRECTIONAL LIGHTS @ 50' C-C

TEMPORARY CONCRETE BARRIER

DRUM OR TYPE II BARRICADE

REMOVAL

TEMPORARY PAV'T

NOTE

- 1. SEE SHEET 47 FOR NOTES
- 2. SECTION SHOWN AT PROP. SPLITTER ISLAND. SOUTH OF SPLITTER ISLAND, LOCATION OF EDGE NEW PAV'T VARIES. SEE PLAN.

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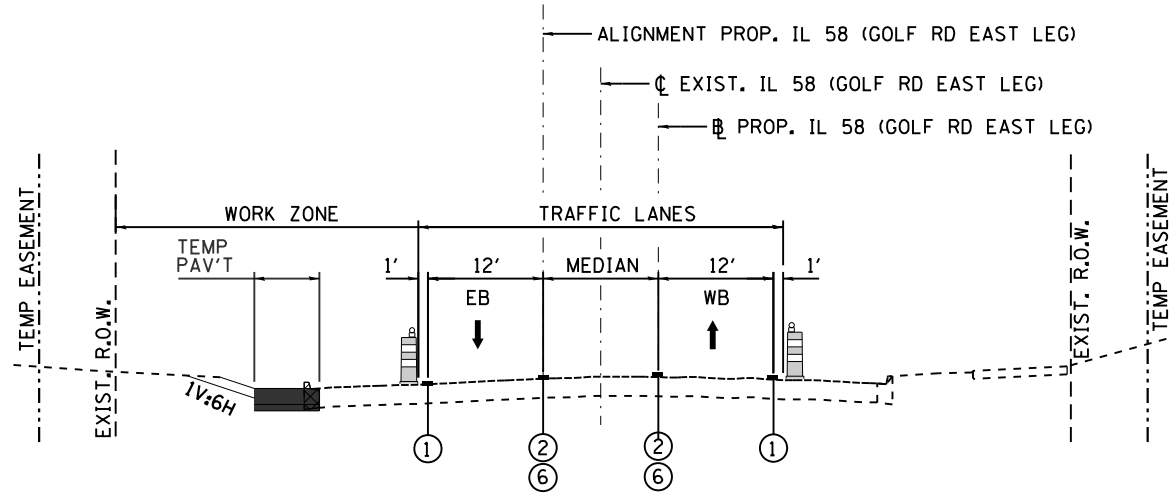
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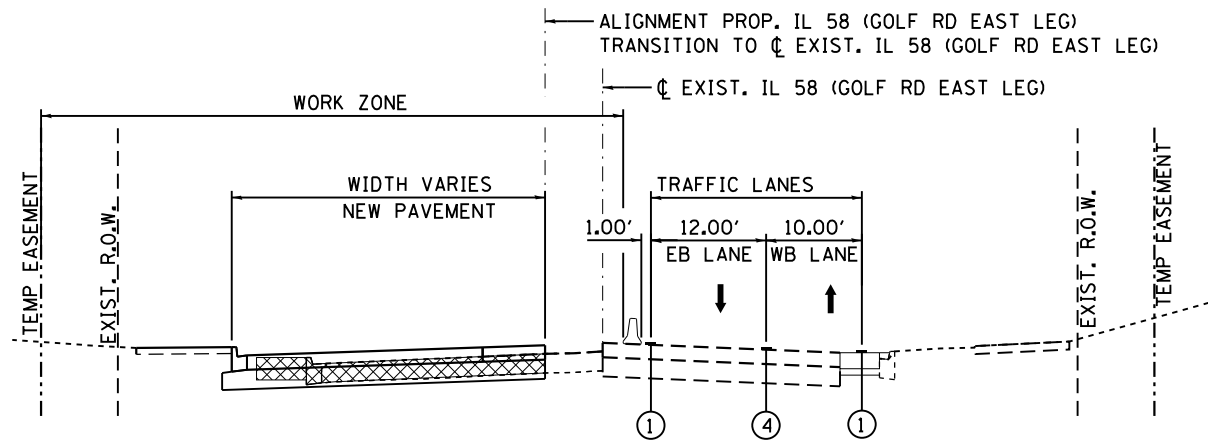
STAGING TYPICALS - GOLF RD (SW LEG)

SCALE: SHEET 04 OF 26 SHEETS STA. TO STA.

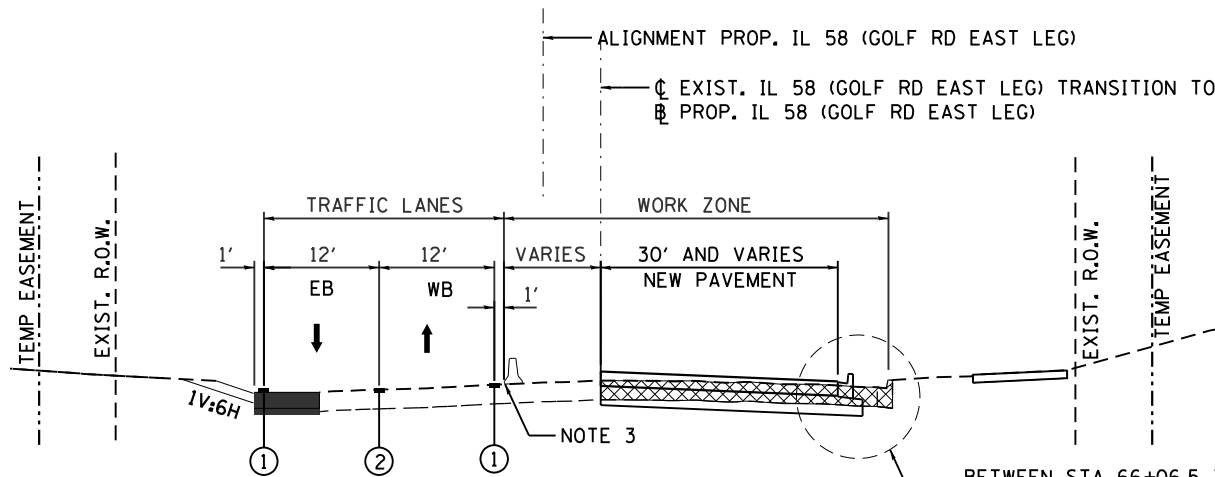
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	48
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



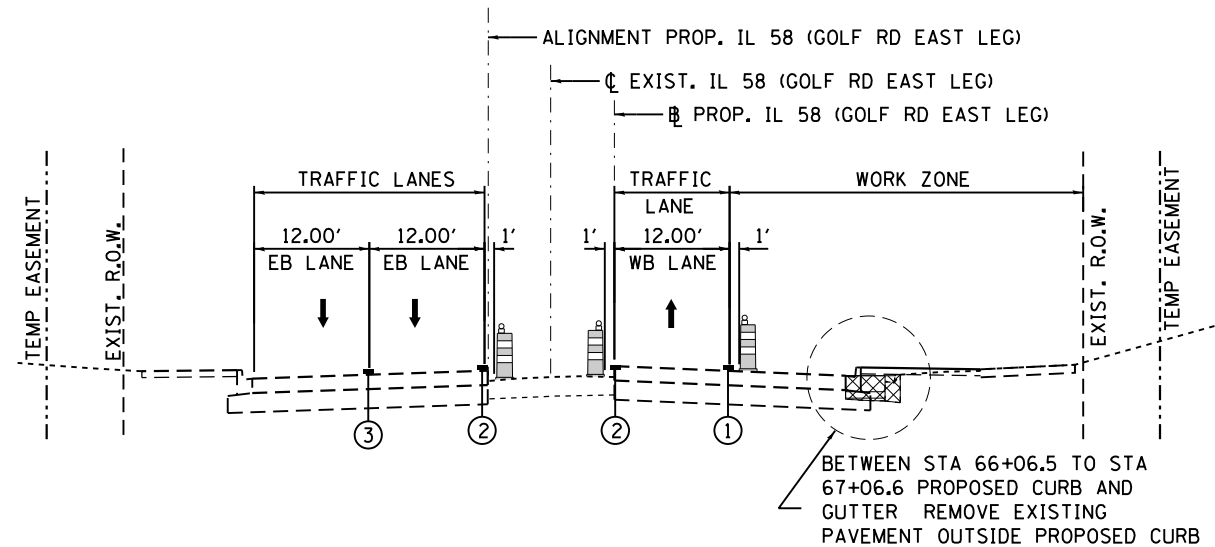
STAGE IA - GOLF ROAD EAST LEG
VIEW LOOKING DOWN STATION (TOWARDS THE CIRCLE)



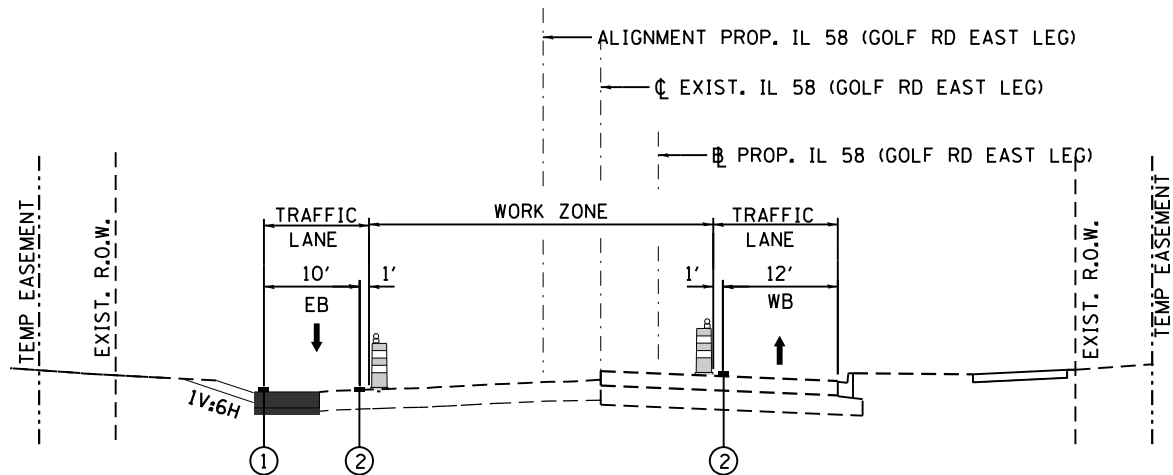
STAGE IIIB - GOLF ROAD EAST LEG
VIEW LOOKING DOWN STATION (TOWARDS THE CIRCLE)



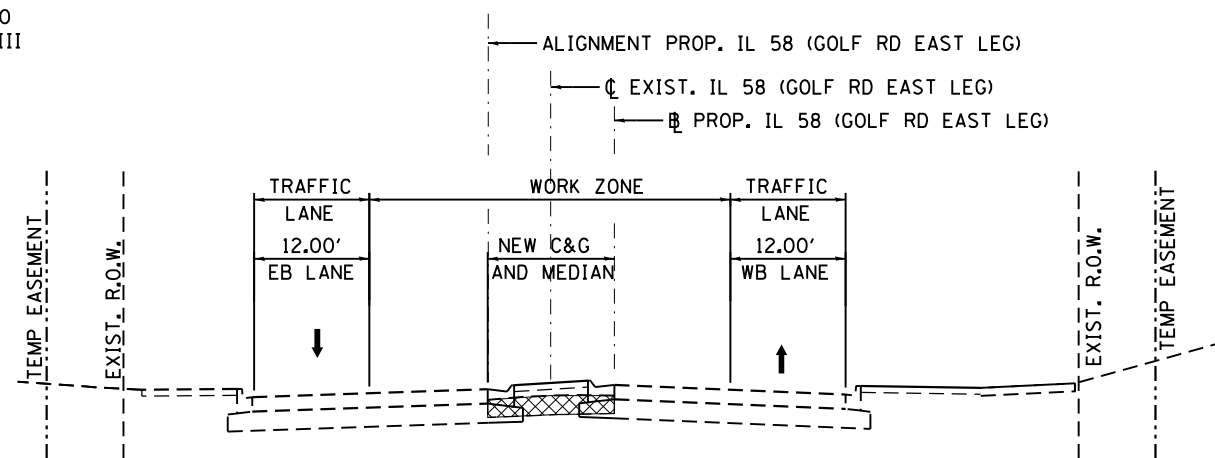
STAGE II - GOLF ROAD EAST LEG
VIEW LOOKING DOWN STATION (TOWARDS THE CIRCLE)



STAGE IVA - GOLF ROAD EAST LEG
VIEW LOOKING DOWN STATION (TOWARDS THE CIRCLE)



STAGE IIIA - GOLF ROAD EAST LEG
VIEW LOOKING DOWN STATION (TOWARDS THE CIRCLE)



STAGE IVA - GOLF ROAD EAST LEG
VIEW LOOKING DOWN STATION (TOWARDS THE CIRCLE)

LEGEND

- ① TEMPORARY PAV'T MARKING 4" WHITE SOLID
- ② TEMPORARY PAV'T MARKING 4" YELLOW SOLID
- ③ TEMPORARY PAV'T MARKING 4" WHITE SKIP-DASH
- ④ TEMPORARY PAV'T MARKING 4" YELLOW DOUBLE
- ⑤ SEE NOTE 3
- ⑥ EXIST PAV'T MARKING OR PROP PERMANENT MARKING

- VERTICAL PANEL, DOUBLE SIDED WITH BIDIRECTIONAL LIGHTS @ 50' C-C
- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- REMOVAL
- TEMPORARY PAV'T

NOTES

BETWEEN STA 66+06.5 TO STA 67+06.6 PROPOSED CURB AND GUTTER REMOVE EXISTING PAVEMENT OUTSIDE PROPOSED CURB

BETWEEN STA 66+06.5 TO STA 67+06.6 PROPOSED CURB AND GUTTER SHALL BE CONSTRUCTED IN STAGE IV. EXISTING PAVEMENT OUTSIDE PROPOSED CURB IS TO REMAIN IN PLACE FOR STAGE III TRAFFIC



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DEPARTMENT OF TRANSPORTATION

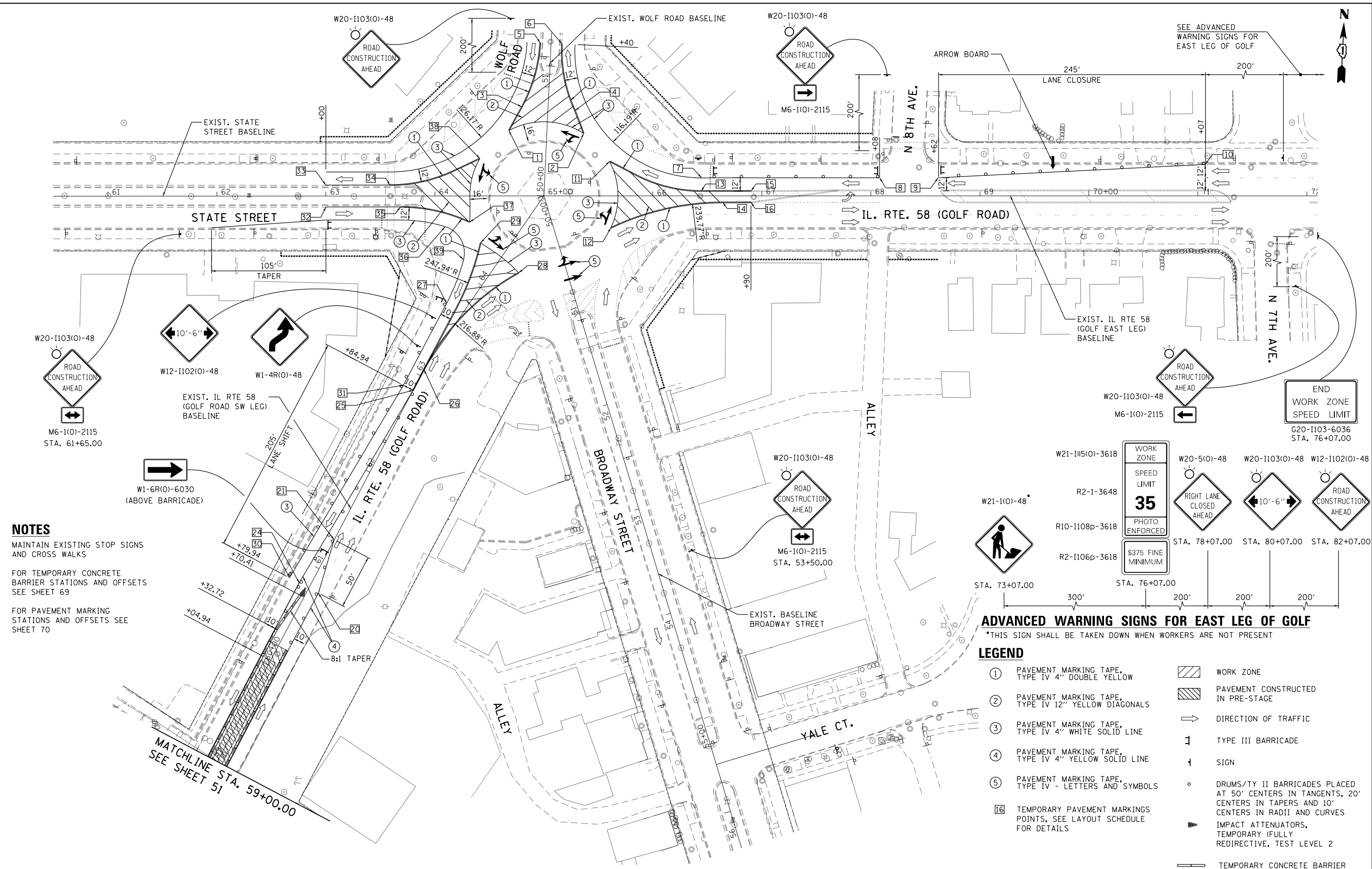
STAGING TYPICALS - GOLF RD (EAST LEG)

SCALE: SHEET 05 OF 26 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 49
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



SEE ADVANCED WARNING SIGNS FOR EAST LEG OF GOLF

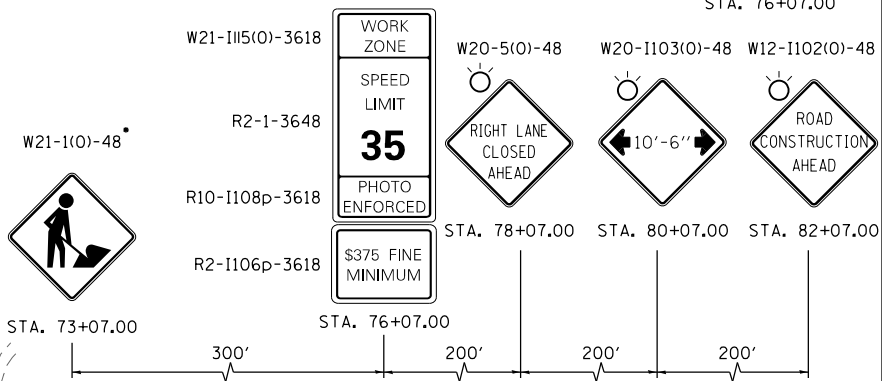


NOTES

MAINTAIN EXISTING STOP SIGNS AND CROSS WALKS

FOR TEMPORARY CONCRETE BARRIER STATIONS AND OFFSETS SEE SHEET 69

FOR PAVEMENT MARKING STATIONS AND OFFSETS SEE SHEET 70



- LEGEND**
- ① PAVEMENT MARKING TAPE, TYPE IV 4" DOUBLE YELLOW
 - ② PAVEMENT MARKING TAPE, TYPE IV 12" YELLOW DIAGONALS
 - ③ PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SOLID LINE
 - ④ PAVEMENT MARKING TAPE, TYPE IV 4" YELLOW SOLID LINE
 - ⑤ PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS
 - ⑥ TEMPORARY PAVEMENT MARKINGS POINTS, SEE LAYOUT SCHEDULE FOR DETAILS
 - ▨ WORK ZONE
 - ▨ PAVEMENT CONSTRUCTED IN PRE-STAGE
 - DIRECTION OF TRAFFIC
 - ⌋ TYPE III BARRICADE
 - ⌋ SIGN
 - DRUMS/TY II BARRICADES PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPERS AND 10' CENTERS IN RADII AND CURVES
 - IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, TEST LEVEL 2)
 - TEMPORARY CONCRETE BARRIER

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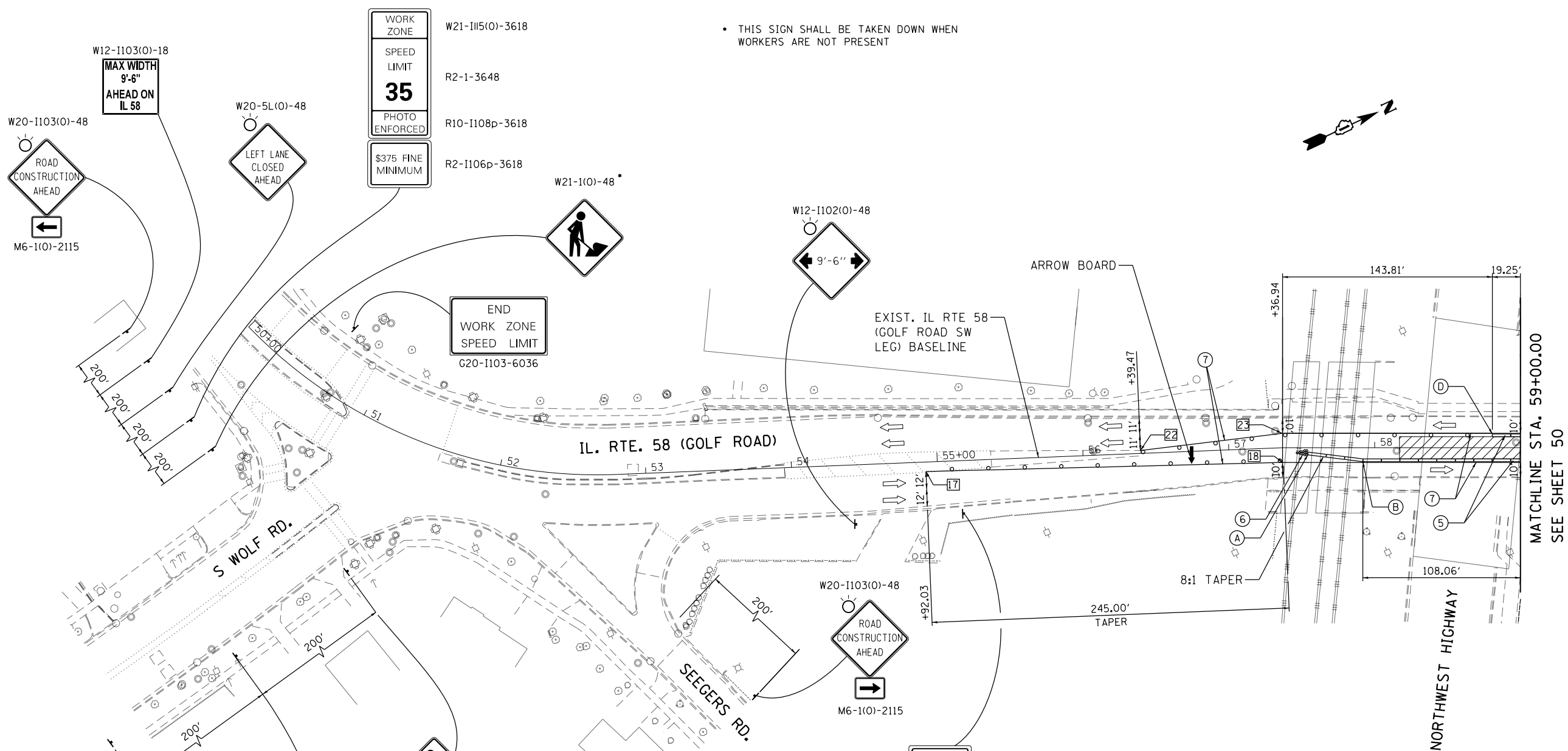
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PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - PRE-STAGE	
CIRCLE AND LEGS	
SCALE:	SHEET 06 OF 26 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 50
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

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THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

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

END WORK ZONE
 SPEED LIMIT
 G20-1103-6036

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

LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- SIGN
- DRUMS/TY II BARRICADES PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPERS AND 10' CENTERS IN RADII AND CURVES
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, TEST LEVEL 2)
- TEMPORARY CONCRETE BARRIER
- (5) TEMPORARY CONCRETE BARRIER
- (6) IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, TEST LEVEL 2)
- (7) PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW



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PLOT DATE = 12/1/2017	CHECKED - RB	REVISED -
	DATE - 10/17/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - PRE-STAGE
GOLF ROAD (SW LEG)

SCALE: SHEET 07 OF 26 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 51
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 59+00.00
 SEE SHEET 50

W20-1103(0)-48

W20-1103(0)-48



M6-1(0)-2115
STA. 61+65.00



M6-1(0)-2115

END
WORK ZONE
SPEED LIMIT
G20-1103-6036
STA. 76+07.00

SEE ADVANCED
WARNING SIGNS FOR
EAST LEG OF GOLF
ON SHEET 50

SUBSTAGE NOTES

- A. CLOSE N SIDE OF INTERSECTION OF BROADWAY ST AT YALE CT (EAST SIDE OF SB BROADWAY ST AND WEST SIDE OF NB BROADWAY ST) USING HWY STD 701601 AND 701701
- B. CLOSE S SIDE OF INTERSECTION OF BROADWAY ST AT YALE CT (EAST SIDE OF SB BROADWAY ST AND WEST SIDE OF NB BROADWAY ST) USING HWY STD 701601 AND 701701
- C. CLOSE WEST SIDE OF SB BROADWAY ST AT YALE CT USING HWY STD 701601. THE WEST ALLEY ENTRANCE ACROSS FROM YALE CT SHALL BE CLOSED. BUSINESSES CAN USE THE OTHER DRIVEWAY ENTRANCES ALONG SB BROADWAY ST TO ACCESS THE WEST ALLEY.
- D. CLOSE NE SIDE OF INTERSECTION OF BROADWAY ST AT YALE CT (EAST SIDE OF NB BROADWAY ST) USING HWY STD 701601. WB YALE CT SHALL BE CLOSED AT BROADWAY ST.
- E. CLOSE SE SIDE OF INTERSECTION OF BROADWAY ST AT YALE CT (EAST SIDE OF NB BROADWAY ST) USING HWY STD 701601. NO TURNS SHALL BE ALLOWED FROM BROADWAY ST TO YALE CT. BUSINESSES CAN USE THE OTHER DRIVEWAY ENTRANCES ALONG NB BROADWAY ST TO ACCESS THE EAST ALLEY.

NOTES

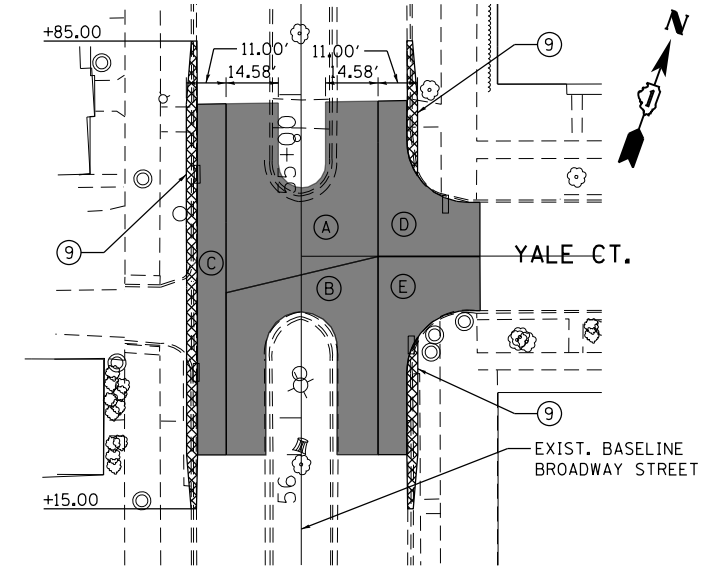
- FOR TEMP1 AND TEMP2 DETAILS, SEE DRAINAGE SCHEDULE
- PROVIDE NEW PENETRATION FOR STORM SEWER INTO DRAINAGE STRUCTURE. INCLUDE COST WITH PAY ITEM DRAINAGE STRUCTURE TO BE CLEANED.
- THE ENGINEER SHALL COORDINATE WITH CORY JUCIUS FOR ACCESS SIGNS FOR LOCAL BUSINESSES ON BROADWAY ST
- FOR TEMPORARY CONCRETE BARRIER STATIONS AND OFFSETS SEE SHEET 69
- FOR PAVEMENT MARKING STATIONS AND OFFSETS SEE SHEET 70
- MAINTAIN EXISTING STOP SIGNS AND CROSS WALKS

MATCHLINE STA. 59+00.00
SEE SHEET 53

DRAINAGE STRUCTURE TEMP1, SEE NOTE 1
DRAINAGE PIPE TEMP2, SEE NOTE 1

LEGEND

- ① ROAD CLOSED
R11-2-4830
- ② SIDEWALK CLOSED
R11-1101-2418
- ③ ROAD CLOSED TO THRU TRAFFIC
R11-4
- ④ LOCAL TRAFFIC ONLY
- ⑤ STOP
R1-1
- ⑥ [No Left Turn Sign]
- ⑦ TEMPORARY CONCRETE BARRIER
- ⑧ IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2
- ⑨ TEMPORARY PAVEMENT
- ⑩ PAVEMENT MARKING TAPE, TYPE IV 4" DOUBLE YELLOW
- ⑪ PAVEMENT MARKING TAPE, TYPE IV 12" YELLOW DIAGONALS
- ⑫ PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SOLID LINE
- ⑬ PAVEMENT MARKING TAPE, TYPE IV 8" WHITE SOLID LINE
- ⑭ PAVEMENT MARKING TAPE, TYPE IV 12" WHITE DIAGONALS
- ⑮ PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)
- ⑯ PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS
- ⑰ TEMPORARY PAVEMENT MARKINGS POINTS, SEE LAYOUT SCHEDULE FOR DETAILS
- [Hatched Box] WORK ZONE
- [Diagonal Hatched Box] PAVEMENT CONSTRUCTED IN STAGE IA
- [Cross-hatched Box] TEMPORARY PAVEMENT
- [Arrow] DIRECTION OF TRAFFIC
- [Barricade Symbol] TYPE III BARRICADE
- [Sign Symbol] SIGN



SUBSTAGES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE IA
CIRCLE AND LEGS



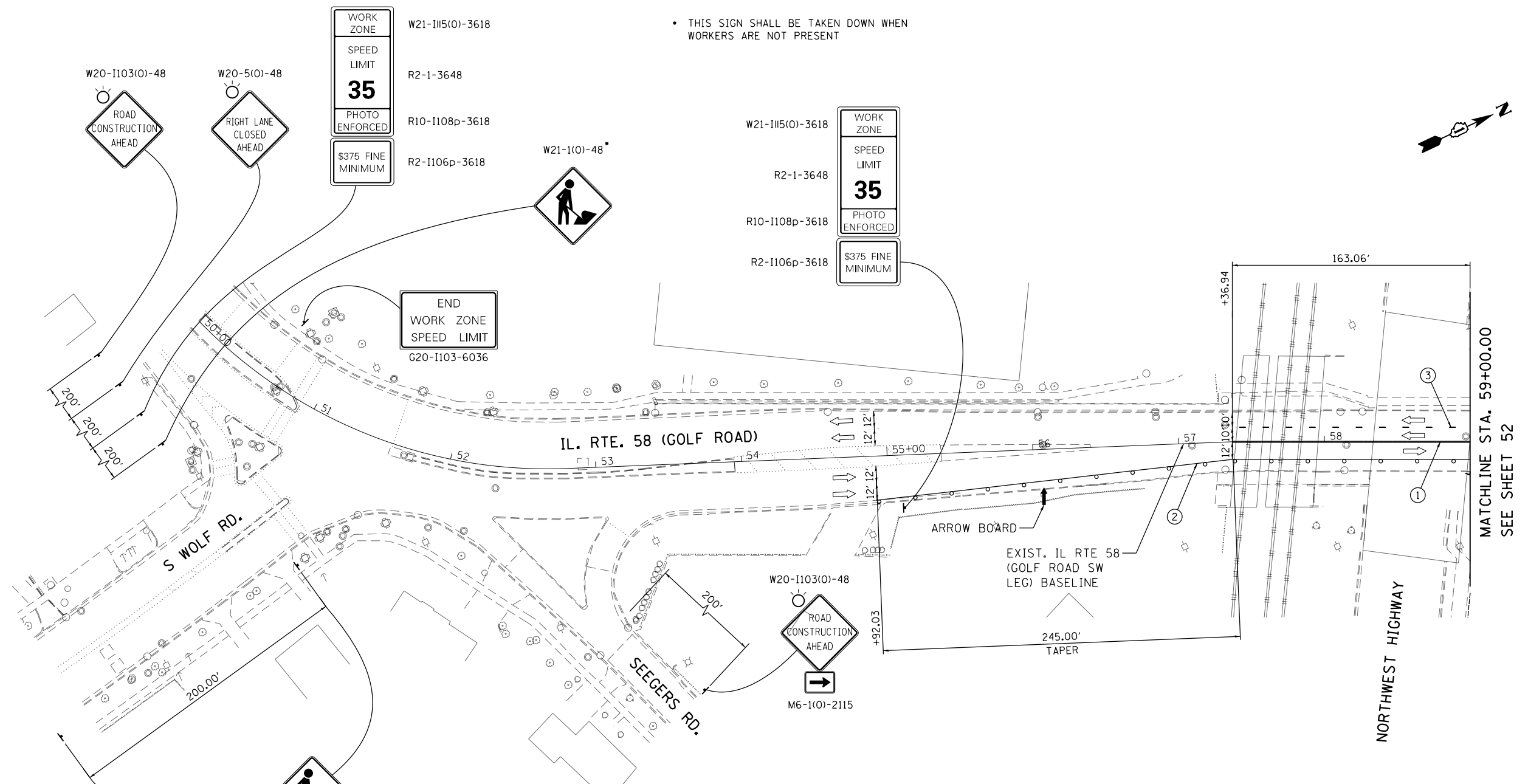
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	DRAWN - KJD	REVISED -
PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/17/2017	DATE - 10/17/2017	REVISED -

SCALE: SHEET 08 OF 26 SHEETS STA. TO STA.

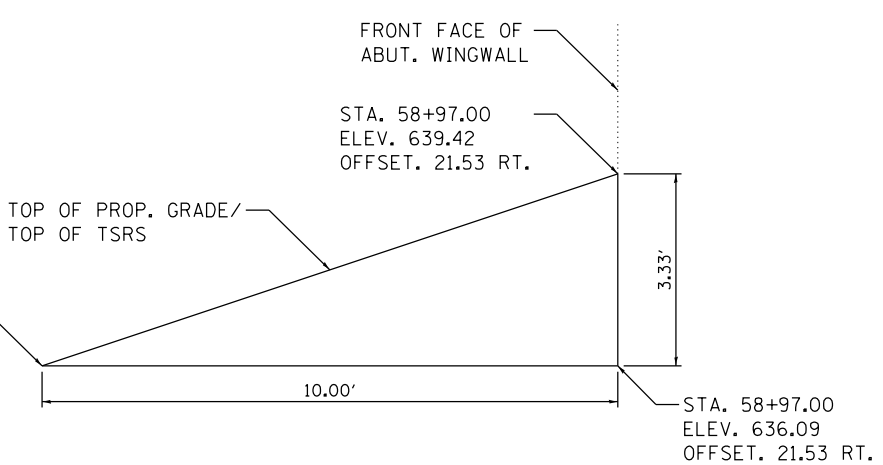
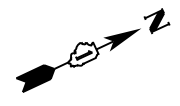
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	52
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

PA1501-638 W07 CumberlandCuriaLa, CA000_Sheets\0162816-ant-071-Stage16_Cur16.dgn

P:\1501-630-W07-Cumbara-landfill\15-1501-630-000-Sheets\15-1501-630-000-Sheet 53 SW Golf.rdw



THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT



- LEGEND**
- ① PAVEMENT MARKING TAPE, TYPE IV 4" DOUBLE YELLOW
 - ② PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SOLID LINE
 - ③ PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)
 - ▨ WORK ZONE
 - ➡ DIRECTION OF TRAFFIC
 - ♣ SIGN
 - DRUMS/TY II BARRICADES PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPERS AND 10' CENTERS IN RADII AND CURVES

MATCHLINE STA. 59+00.00
 SEE SHEET 52

TEMPORARY SOIL RETENTION SYSTEM DETAIL



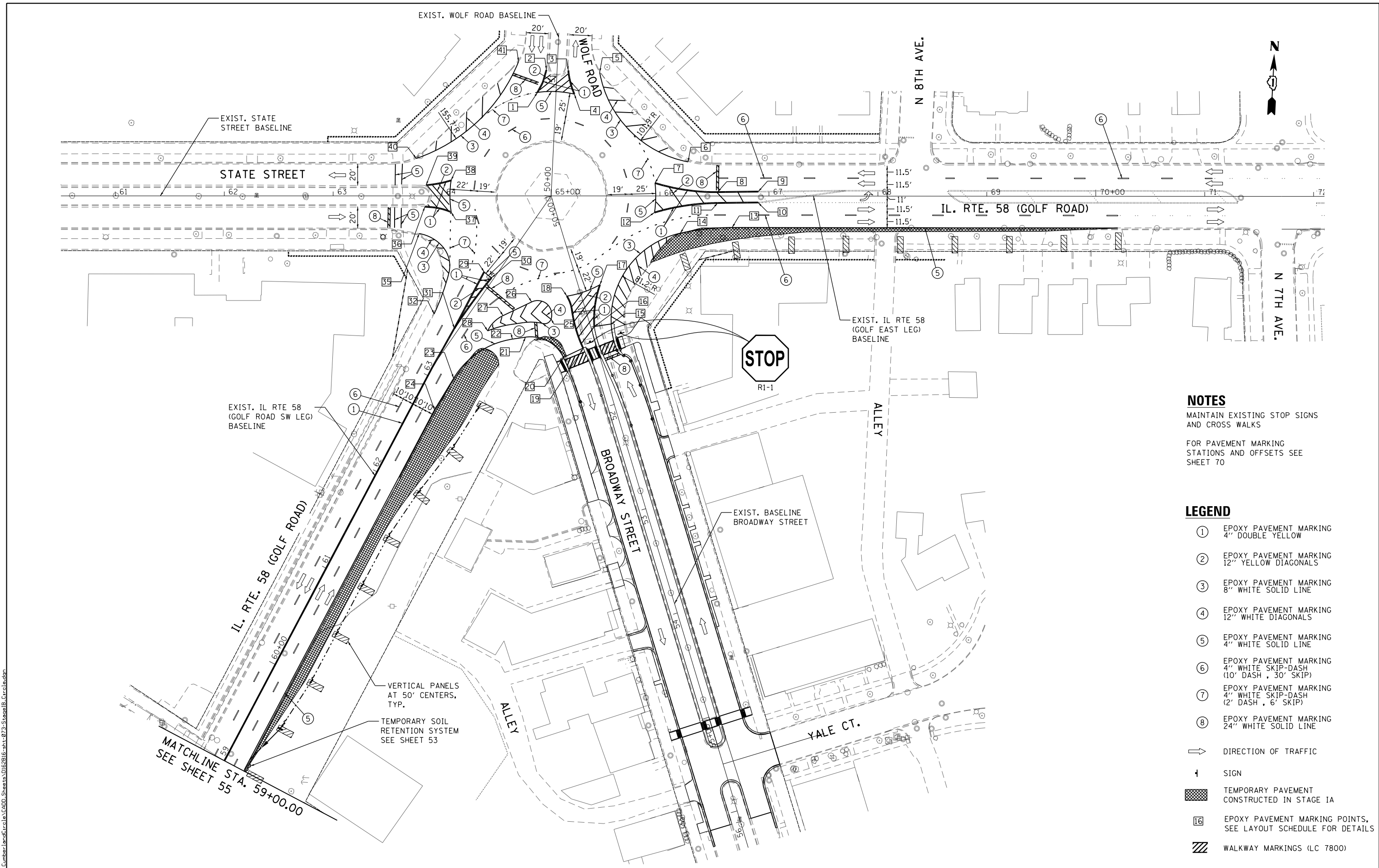
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	DRAWN - KJD	REVISED -
PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE IA
 GOLF ROAD (SW LEG)**

SCALE: SHEET 09 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	53
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



NOTES
 MAINTAIN EXISTING STOP SIGNS AND CROSS WALKS
 FOR PAVEMENT MARKING STATIONS AND OFFSETS SEE SHEET 70

- LEGEND**
- ① EPOXY PAVEMENT MARKING 4" DOUBLE YELLOW
 - ② EPOXY PAVEMENT MARKING 12" YELLOW DIAGONALS
 - ③ EPOXY PAVEMENT MARKING 8" WHITE SOLID LINE
 - ④ EPOXY PAVEMENT MARKING 12" WHITE DIAGONALS
 - ⑤ EPOXY PAVEMENT MARKING 4" WHITE SOLID LINE
 - ⑥ EPOXY PAVEMENT MARKING 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)
 - ⑦ EPOXY PAVEMENT MARKING 4" WHITE SKIP-DASH (2' DASH, 6' SKIP)
 - ⑧ EPOXY PAVEMENT MARKING 24" WHITE SOLID LINE
 - ➔ DIRECTION OF TRAFFIC
 - ⊕ SIGN
 - ▨ TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1A
 - Ⓜ EPOXY PAVEMENT MARKING POINTS, SEE LAYOUT SCHEDULE FOR DETAILS
 - ▨ WALKWAY MARKINGS (LC 7800)

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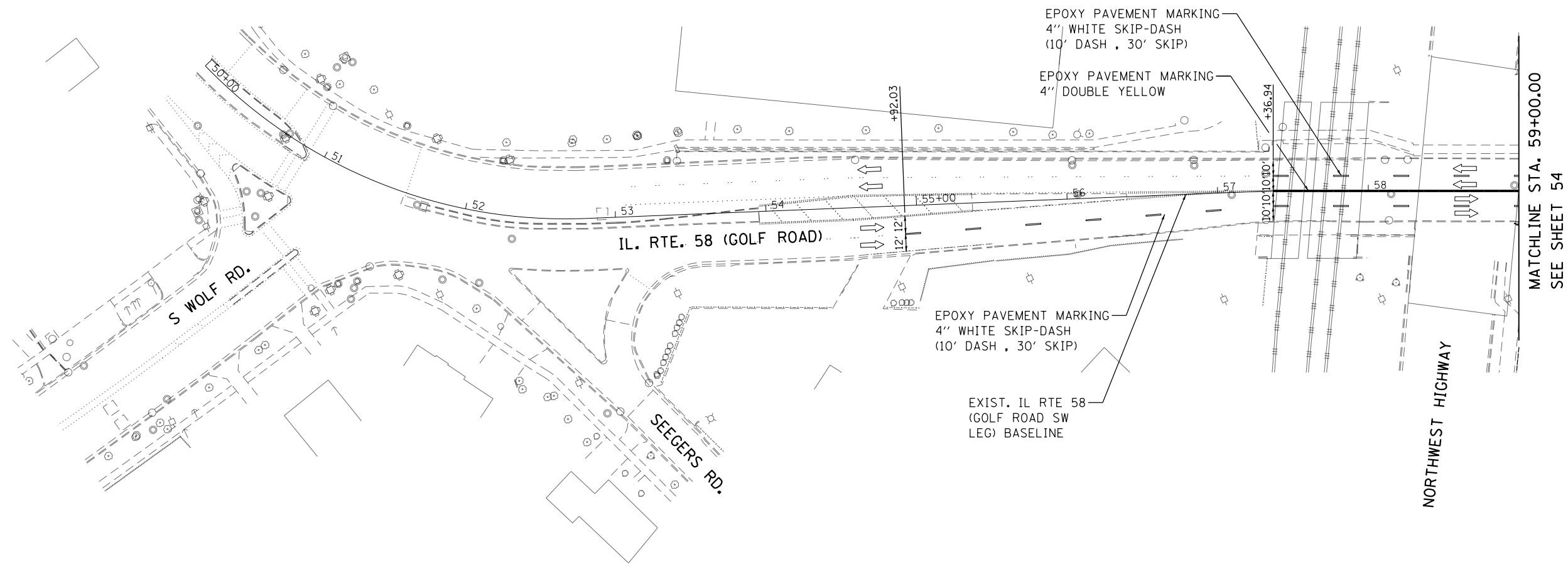
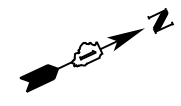
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	DRAWN - KJD	REVISED -
PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**




**MAINTENANCE OF TRAFFIC - STAGE 1B (WINTER SHUTDOWN)
 CIRCLE AND LEGS**

SCALE: SHEET 10 OF 26 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 54
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



LEGEND

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  SIGN

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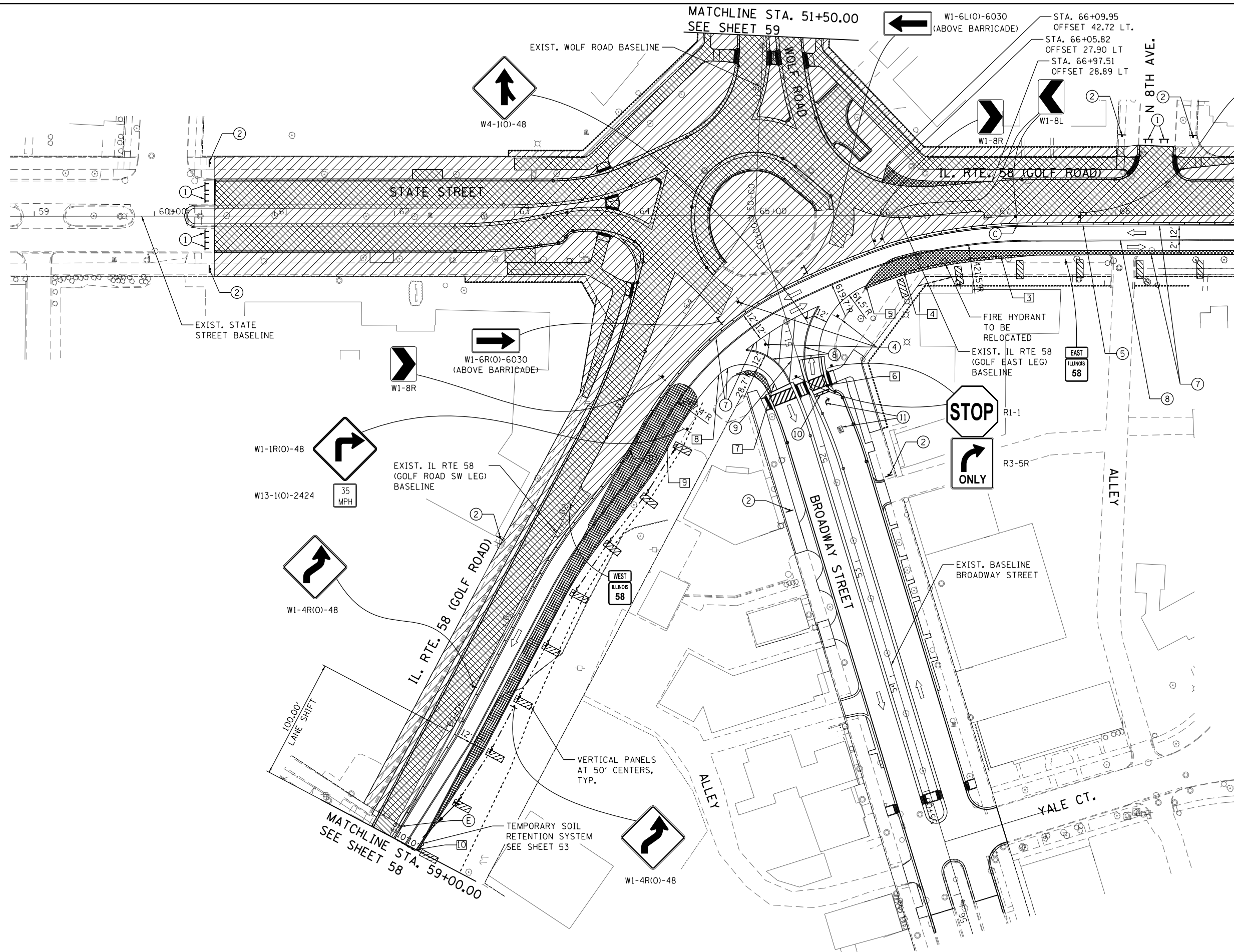
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	DRAWN - KJD	REVISED -
PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/11/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE IB (WINTER SHUTDOWN) GOLF ROAD (SW LEG)			
SCALE:	SHEET 11	OF 26 SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 55
CONTRACT NO. 62B16 ILLINOIS FED. AID PROJECT				

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- MATCHLINE STA. 69+00.00
SEE SHEET 57
- ① ROAD CLOSED
R11-2-4830
 - ② SIDEWALK CLOSED
R11-1101-2418
 - ③ ROAD CLOSED TO THRU TRAFFIC
R11-4
 - ④ NO RIGHT TURN SIGN
R3-2
 - ⑤ TEMPORARY CONCRETE BARRIER
 - ⑥ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
 - ⑦ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID WHITE
 - ⑧ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID DOUBLE YELLOW, 11" C-C
 - ⑨ PAVEMENT MARKING TAPE, TYPE IV 12" YELLOW DIAGONALS
 - ⑩ PAVEMENT MARKING TAPE, TYPE IV 24" SOLID WHITE
 - ⑪ PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTE:
 FOR MAINTENANCE OF TRAFFIC FOR WOLF ROAD SEE SHEET 59
 FOR TEMPORARY CONCRETE BARRIER STATIONS AND OFFSETS SEE SHEET 69
 FOR PAVEMENT MARKING STATIONS AND OFFSETS SEE SHEET 70

- LEGEND**
- WORK ZONE
 - PAVEMENT CONSTRUCTED IN STAGE II
 - TEMPORARY PAVEMENT
 - DIRECTION OF TRAFFIC
 - TYPE III BARRICADE
 - SIGN
 - WALKWAY MARKINGS (LC 7800)



USER NAME = Ken.drabant	DESIGNED - KJD	REVISED - 12/01/2017
DRAWN - KJD	REVISOR -	
PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISOR -
PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

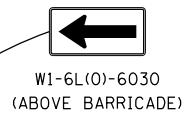
**STAGE II - GOLF ROAD
CIRCLE AND LEGS**

SCALE: SHEET 12 OF 26 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 56
CONTRACT NO. 62B16				ILLINOIS FED. AID PROJECT

W21-1115(0)-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618

WORK ZONE
SPEED LIMIT
35
PHOTO ENFORCED
\$375 FINE MINIMUM

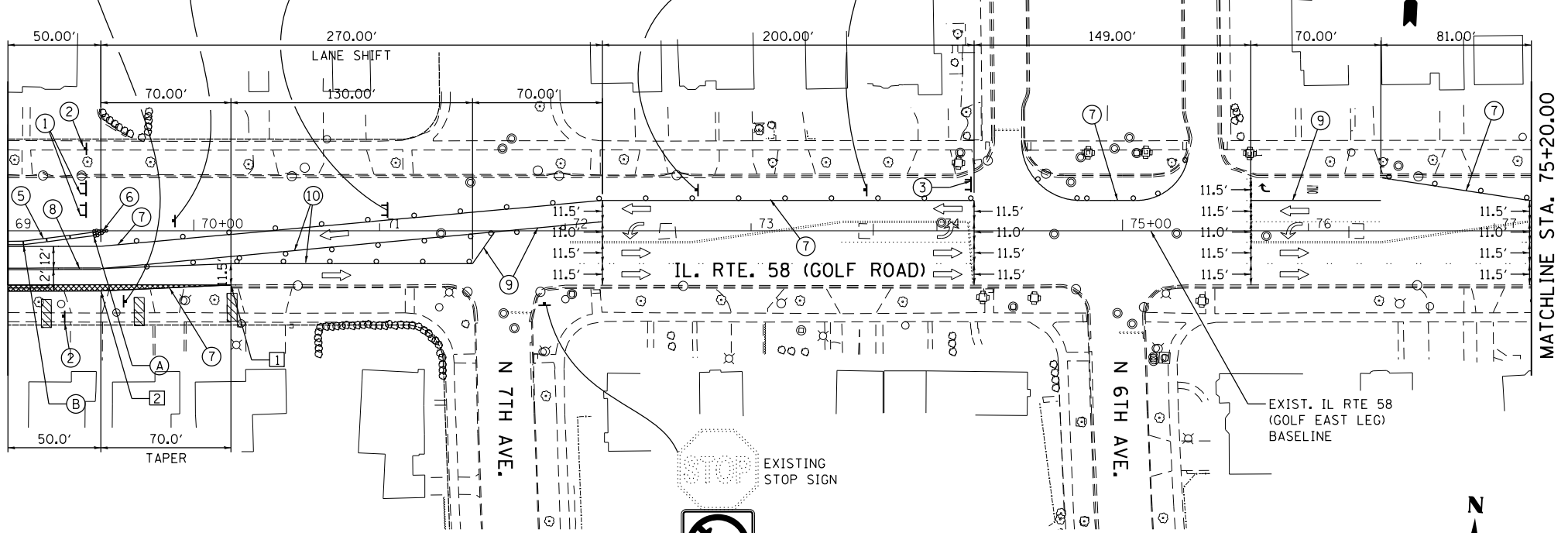


W21-1115(0)-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618

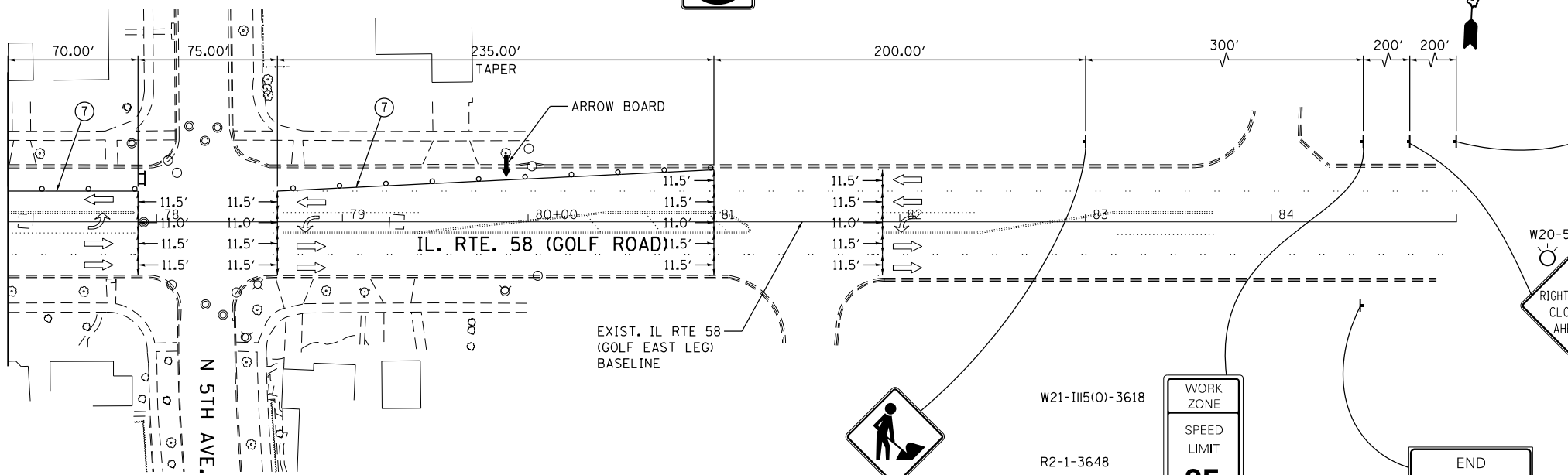
WORK ZONE
SPEED LIMIT
35
PHOTO ENFORCED
\$375 FINE MINIMUM



MATCHLINE STA. 69+00.00
SEE SHEET 56



MATCHLINE STA. 75+20.00



NOTE

MAINTAIN EXISTING SCHOOL SIGNS

LEGEND

- VERTICAL PANELS AT 50' CENTERS
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- SIGN
- ROAD CLOSED
R11-2-4830
- SIDEWALK CLOSED
R11-1101-2418
- ROAD CLOSED TO THRU TRAFFIC
R11-4
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
- PAVEMENT MARKING TAPE, TYPE IV 4" SOLID WHITE
- PAVEMENT MARKING TAPE, TYPE IV 4" SOLID DOUBLE YELLOW, 11" C-C
- PAVEMENT MARKING TAPE, TYPE IV 6" SOLID WHITE
- PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW

* THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

W21-1115(0)-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618

WORK ZONE
SPEED LIMIT
35
PHOTO ENFORCED
\$375 FINE MINIMUM

END WORK ZONE SPEED LIMIT
G20-1103-6036



W21-1(0)-48



USER NAME = KenDrabant
DRAWN - KJD
CHECKED - RB
DATE - 12/17/2017

DESIGNED - KJD
DRAWN - KJD
CHECKED - RB
DATE - 10/17/2017

REVISED - 12/01/2017
REVISED -
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REVISED -

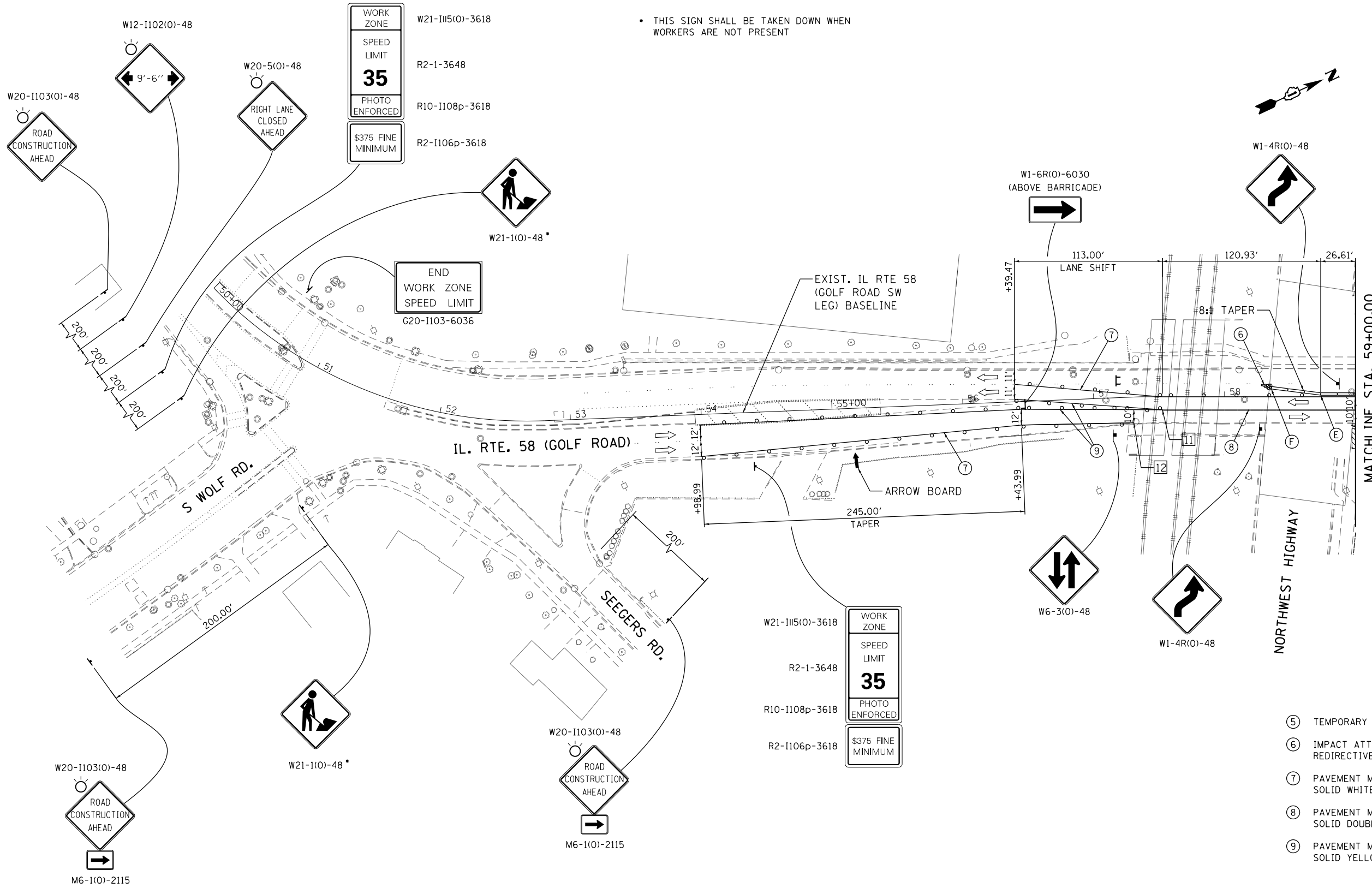
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE II
GOLF ROAD (EAST LEG)

SCALE: SHEET 13 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	57
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

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• THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

WORK ZONE
SPEED LIMIT
35
PHOTO ENFORCED
\$375 FINE MINIMUM

END WORK ZONE
SPEED LIMIT
G20-1103-6036

WORK ZONE
SPEED LIMIT
35
PHOTO ENFORCED
\$375 FINE MINIMUM

- ⑤ TEMPORARY CONCRETE BARRIER
- ⑥ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2
- ⑦ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID WHITE
- ⑧ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID DOUBLE YELLOW, 11" C-C
- ⑨ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW

LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- SIGN

MATCHLINE STA. 59+00.00
SEE SHEET 56

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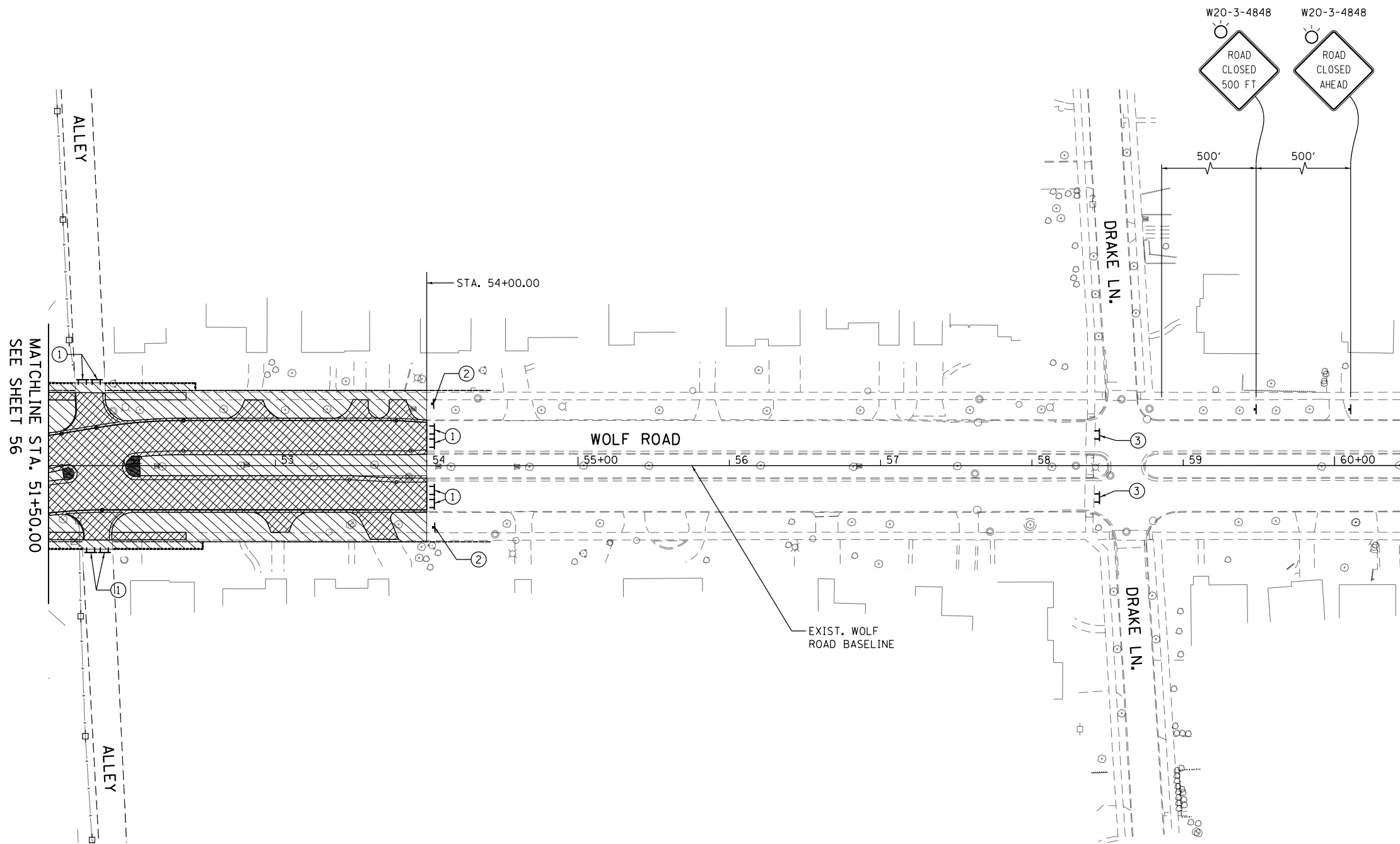
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DRAWN - KJD	REVISIONS -	
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PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE II
GOLF ROAD (SW LEG)

SCALE: SHEET 14 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	58
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



- ① ROAD CLOSED
R11-2-4830
- ② SIDEWALK CLOSED
R11-1101-2418
- ③ ROAD CLOSED TO THRU TRAFFIC

- LEGEND**
- WORK ZONE
 - PAVEMENT CONSTRUCTED IN STAGE II
 - TYPE III BARRICADE
 - SIGN

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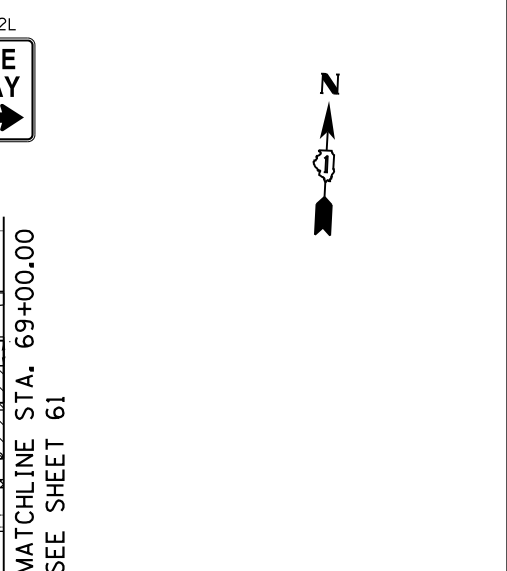
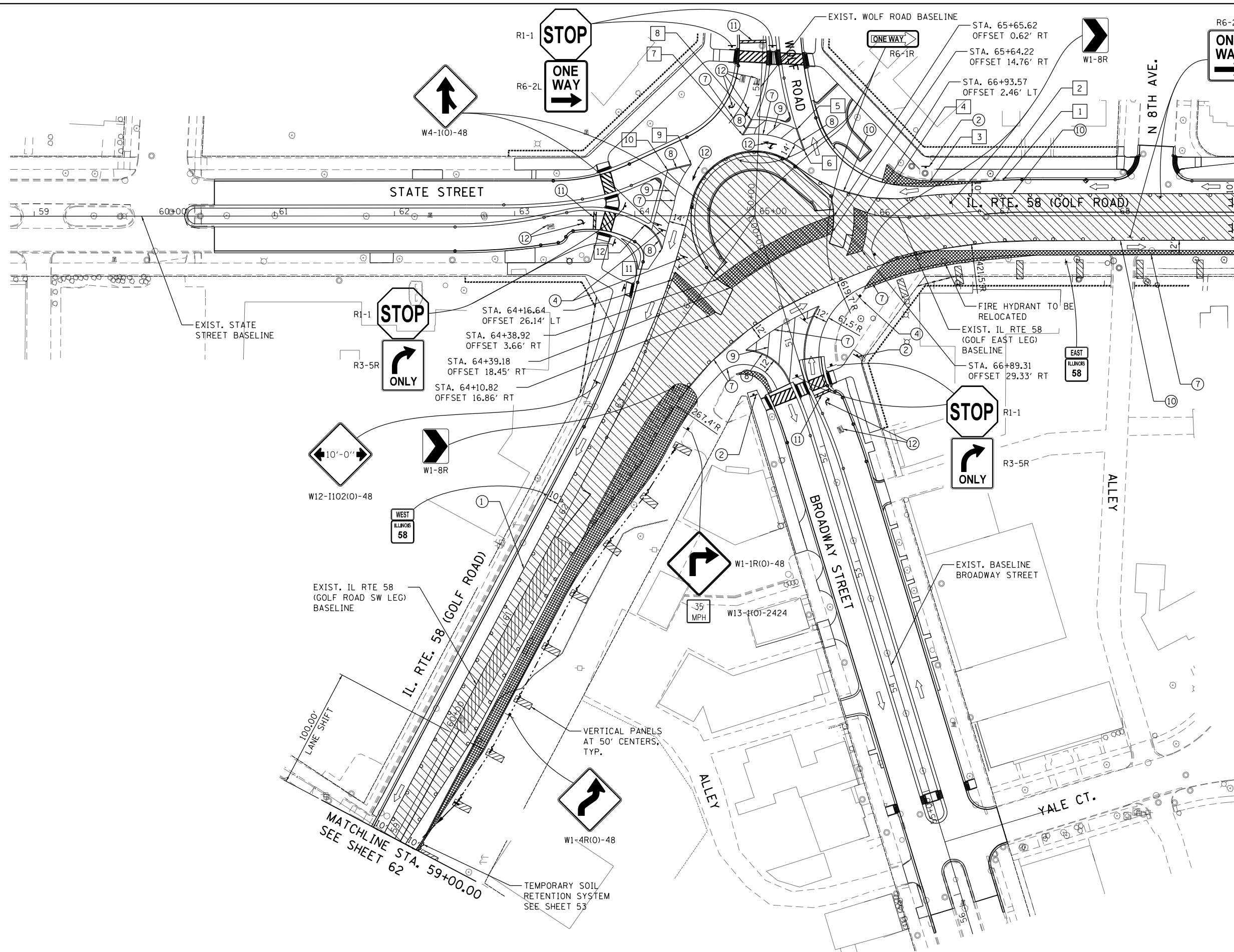
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DRAWN - KJD	REVISOR -	
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PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE II			
WOLF ROAD			
SCALE:	SHEET 15	OF 26 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	59
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

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- NOTE:**
FOR PAVEMENT MARKING STATIONS AND OFFSETS SEE SHEET 70
- ① ROAD CLOSED
R11-2-4830
 - ② SIDEWALK CLOSED
R11-1101-2418
 - ③ ROAD CLOSED TO THRU TRAFFIC
R11-4
 - ④ NO LEFT TURN SIGN
R3-2
 - ⑤ TEMPORARY CONCRETE BARRIER
 - ⑥ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
 - ⑦ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID WHITE
 - ⑧ PAVEMENT MARKING TAPE, TYPE IV 4" DOUBLE YELLOW
 - ⑨ PAVEMENT MARKING TAPE, TYPE IV 12" YELLOW DIAGONALS
 - ⑩ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW
 - ⑪ PAVEMENT MARKING TAPE, TYPE IV 24" SOLID WHITE
 - ⑫ PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS
 - ⑬ TEMPORARY PAVEMENT MARKINGS POINTS, SEE LAYOUT SCHEDULE FOR DETAILS

LEGEND

	WORK ZONE
	PAVEMENT CONSTRUCTED IN STAGE IIIA
	TEMPORARY PAVEMENT
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	SIGN
	WALKWAY MARKINGS (LC 7800)



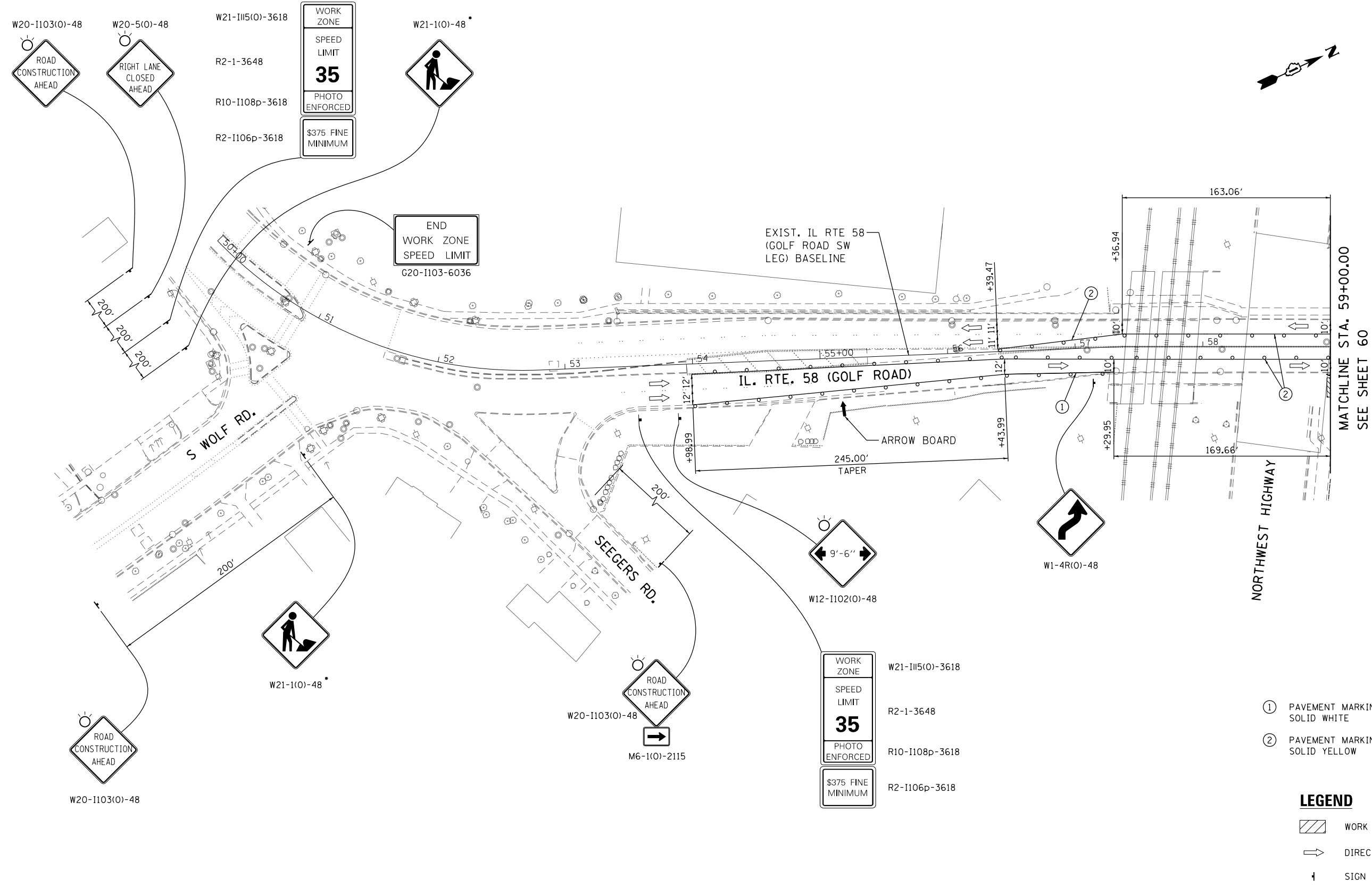
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PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		STAGE IIIA - GOLF ROAD CIRCLE AND LEGS	
SHEET 16	OF 26 SHEETS	STA.	TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 60
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

• THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT



- ① PAVEMENT MARKING TAPE, TYPE IV 4" SOLID WHITE
- ② PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW

LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- SIGN

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USER NAME = Kendrabort	DESIGNED - KJD	REVISED - 12/01/2017
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PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/17/2017	DATE - 10/17/2017	REVISED -

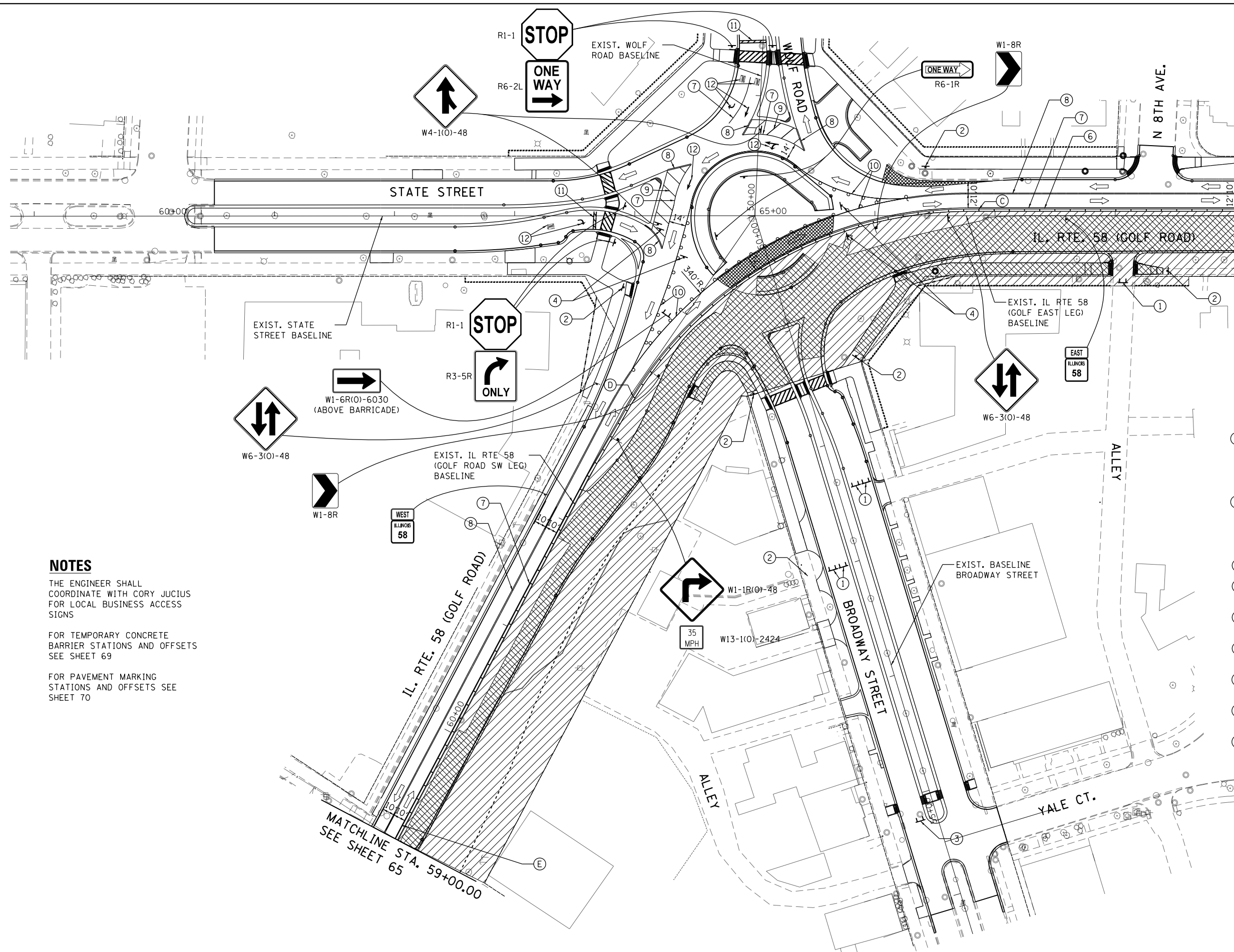
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


**MAINTENANCE OF TRAFFIC - STAGE IIIA
GOLF ROAD (SW LEG)**

SCALE: SHEET 18 OF 26 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 62
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

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MATCHLINE STA. 69+00.00
 SEE SHEET 64

<p>① ROAD CLOSED R11-2-4830</p> <p>② SIDEWALK CLOSED R11-1101-2418</p> <p>⑥ TEMPORARY CONCRETE BARRIER</p> <p>⑦ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID WHITE</p> <p>⑧ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID DOUBLE YELLOW, 11" C-C</p> <p>⑨ PAVEMENT MARKING TAPE, TYPE IV 12" YELLOW DIAGONALS</p> <p>⑩ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW</p> <p>⑪ PAVEMENT MARKING TAPE, TYPE IV 24" SOLID WHITE</p> <p>⑫ PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS</p>	<p>③ ROAD CLOSED TO THRU TRAFFIC R11-4</p> <p>④ SIGN R3-2</p>
--	---

LEGEND

	WORK ZONE
	PAVEMENT CONSTRUCTED IN STAGE IIIB
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	SIGN
	WALKWAY MARKINGS (LC 7800)

NOTES

THE ENGINEER SHALL COORDINATE WITH CORY JUCIUS FOR LOCAL BUSINESS ACCESS SIGNS

FOR TEMPORARY CONCRETE BARRIER STATIONS AND OFFSETS SEE SHEET 69

FOR PAVEMENT MARKING STATIONS AND OFFSETS SEE SHEET 70



USER NAME = KenDrabant	DESIGNED - KJD	REVISED - 12/01/2017	
	DRAWN - KJD	REVISED -	
PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISED -	
PLOT DATE = 12/11/2017	DATE - 10/17/2017	REVISED -	

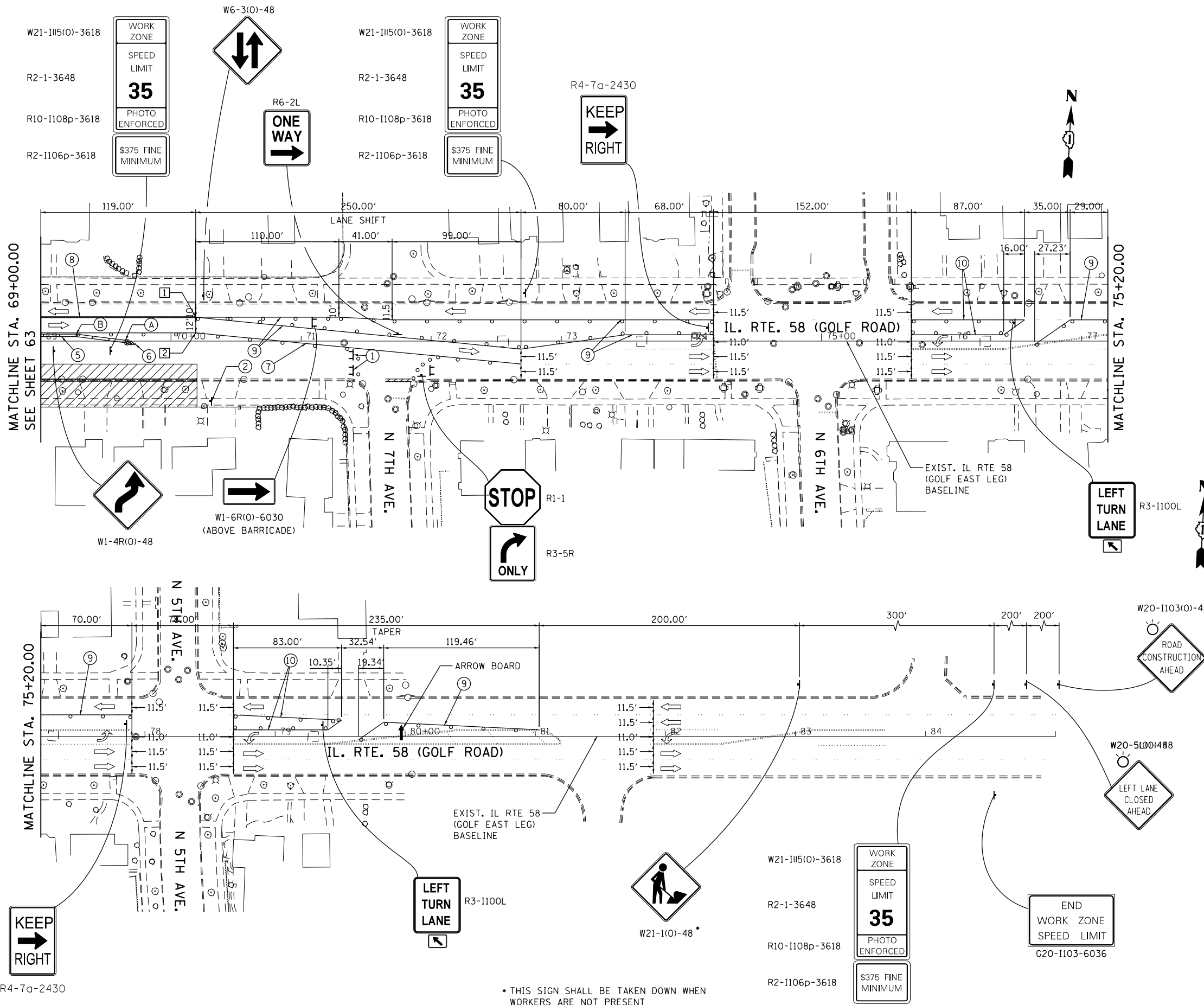
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE IIIB CIRCLE AND LEGS			
SCALE:	SHEET 19	OF 26 SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 63
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

NOTE

MAINTAIN EXISTING SCHOOL SIGNS



LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- SIGN
- ROAD CLOSED
R11-2-4830
- SIDEWALK CLOSED
R11-1101-2418
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
- PAVEMENT MARKING TAPE, TYPE IV 4" SOLID WHITE
- PAVEMENT MARKING TAPE, TYPE IV 4" SOLID DOUBLE YELLOW, 11" C-C
- PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW
- PAVEMENT MARKING TAPE, TYPE IV 6" SOLID WHITE

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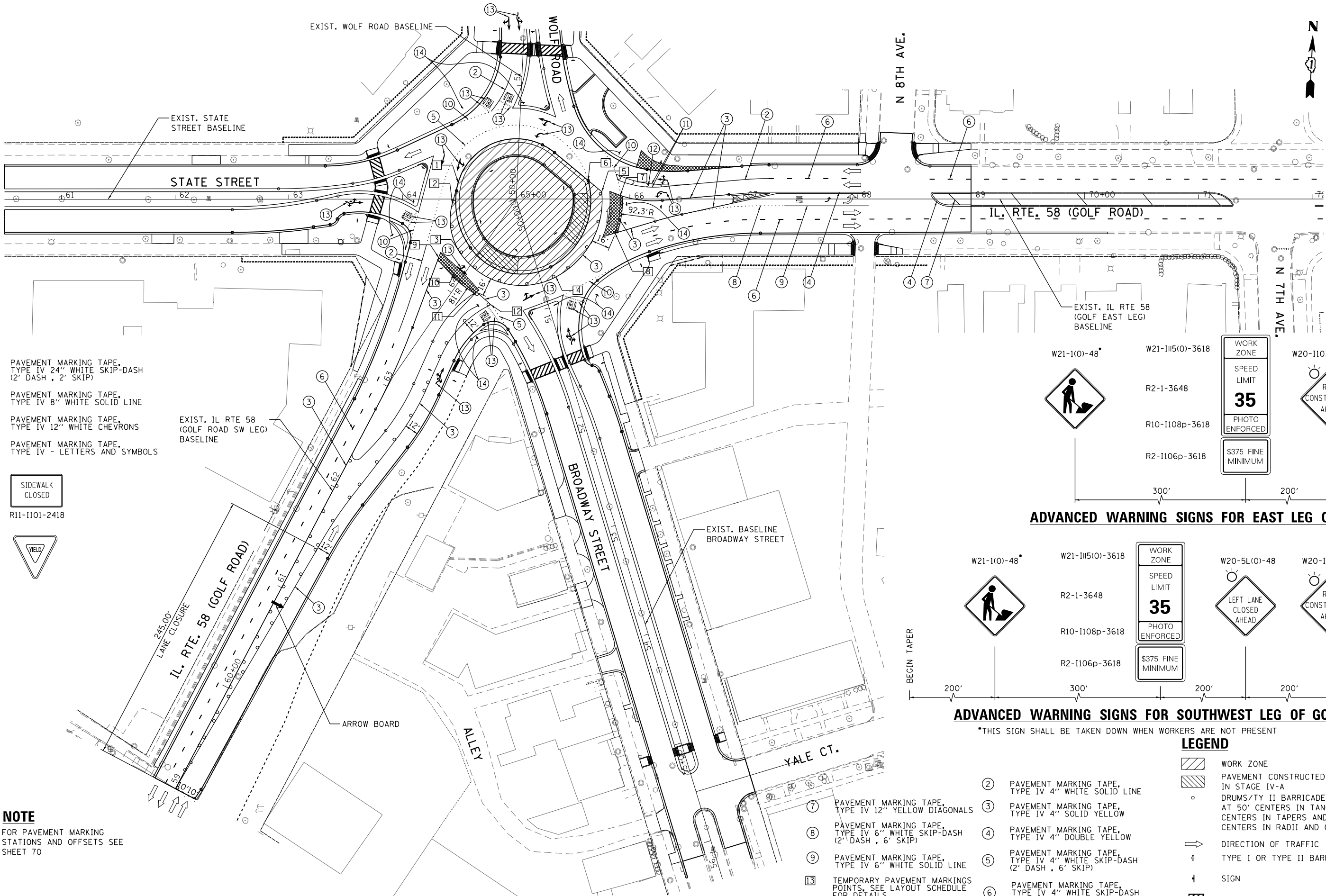


USER NAME = KenDrabant	DESIGNED - KJD	REVISED - 12/01/2017
DRAWN - KJD	REVISOR -	
PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISOR -
PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE IIIB	
GOLF ROAD (EAST LEG)	
SCALE:	SHEET 20 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	64
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



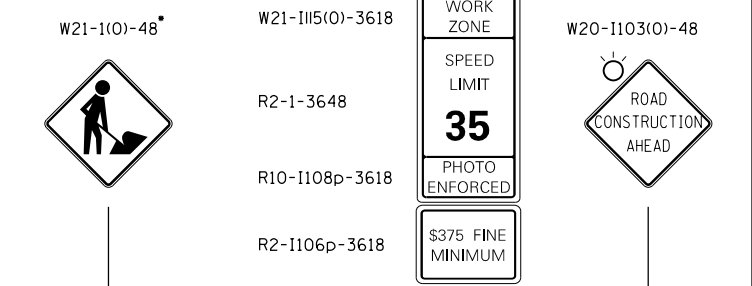
- ⑩ PAVEMENT MARKING TAPE, TYPE IV 24" WHITE SKIP-DASH (2' DASH, 2' SKIP)
- ⑪ PAVEMENT MARKING TAPE, TYPE IV 8" WHITE SOLID LINE
- ⑫ PAVEMENT MARKING TAPE, TYPE IV 12" WHITE CHEVRONS
- ⑬ PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

① SIDEWALK CLOSED
R11-1101-2418

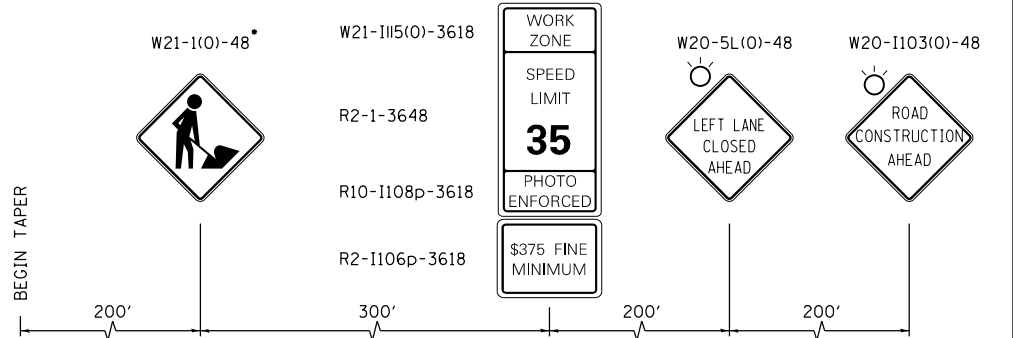
⑭ YIELD

EXIST. IL RTE 58 (GOLF ROAD SW LEG) BASELINE

EXIST. BASELINE BROADWAY STREET



ADVANCED WARNING SIGNS FOR EAST LEG OF GOLF



ADVANCED WARNING SIGNS FOR SOUTHWEST LEG OF GOLF

*THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

LEGEND

- WORK ZONE
- PAVEMENT CONSTRUCTED IN STAGE IV-A
- DRUMS/TY II BARRICADES PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPERS AND 10' CENTERS IN RADII AND CURVES
- DIRECTION OF TRAFFIC
- TYPE I OR TYPE II BARRICADES
- SIGN
- WALKWAY MARKINGS (LC 7800)

- ② PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SOLID LINE
- ③ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW
- ④ PAVEMENT MARKING TAPE, TYPE IV 4" DOUBLE YELLOW
- ⑤ PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SKIP-DASH (2' DASH, 6' SKIP)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV 12" YELLOW DIAGONALS
- ⑧ PAVEMENT MARKING TAPE, TYPE IV 6" WHITE SKIP-DASH (2' DASH, 6' SKIP)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV 6" WHITE SOLID LINE
- ⑬ TEMPORARY PAVEMENT MARKINGS POINTS, SEE LAYOUT SCHEDULE FOR DETAILS

NOTE
FOR PAVEMENT MARKING STATIONS AND OFFSETS SEE SHEET 70

PA1501-630-W07-Cumulative.dwg (Project: 1501-630-W07-Stage 1) - 07/17/2017 - 07/17/2017 - 07/17/2017

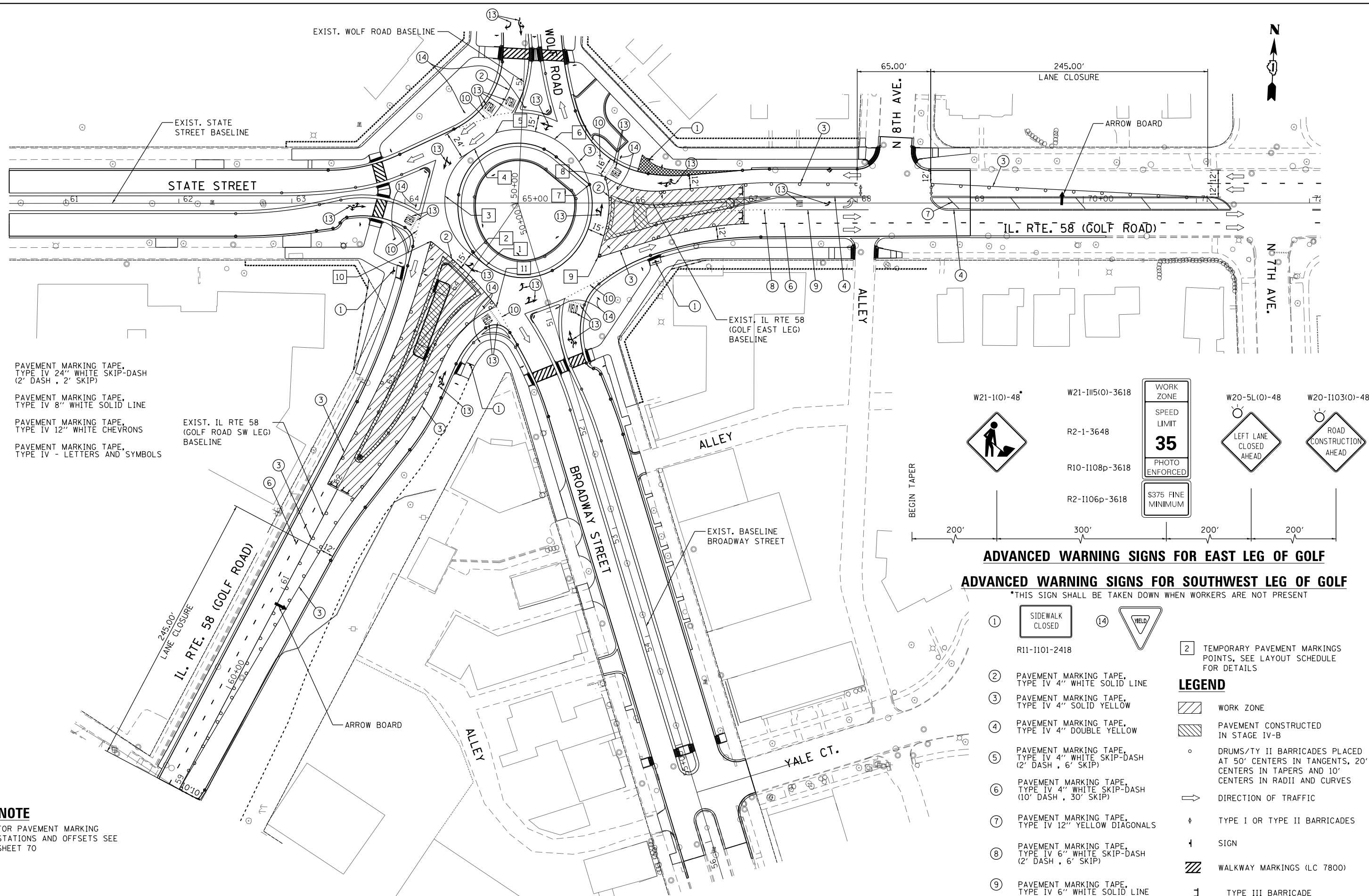


USER NAME = KenDrabant	DESIGNED - KJD	REVISED - 12/01/2017
	DRAWN - KJD	REVISED -
PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/11/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE IVA			
CIRCLE AND LEGS			
SCALE:	SHEET 22	OF 26 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	66
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



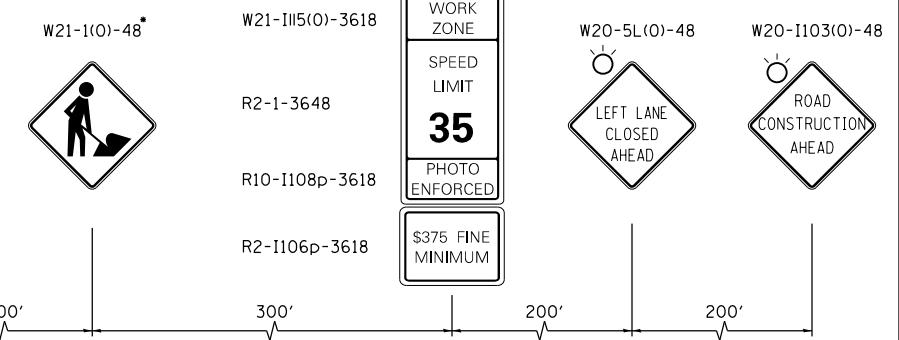
- ⑩ PAVEMENT MARKING TAPE, TYPE IV 24" WHITE SKIP-DASH (2' DASH, 2' SKIP)
- ⑪ PAVEMENT MARKING TAPE, TYPE IV 8" WHITE SOLID LINE
- ⑫ PAVEMENT MARKING TAPE, TYPE IV 12" WHITE CHEVRONS
- ⑬ PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

EXIST. IL RTE 58 (GOLF ROAD SW LEG) BASELINE

EXIST. IL RTE 58 (GOLF EAST LEG) BASELINE

ALLEY

EXIST. BASELINE BROADWAY STREET



ADVANCED WARNING SIGNS FOR EAST LEG OF GOLF

ADVANCED WARNING SIGNS FOR SOUTHWEST LEG OF GOLF

*THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

- ① SIDEWALK CLOSED
- ② TEMPORARY PAVEMENT MARKINGS POINTS, SEE LAYOUT SCHEDULE FOR DETAILS
- ③ R11-1101-2418
- ④ PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SOLID LINE
- ⑤ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW
- ⑥ PAVEMENT MARKING TAPE, TYPE IV 4" DOUBLE YELLOW
- ⑦ PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SKIP-DASH (2' DASH, 6' SKIP)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SKIP-DASH (10' DASH, 30' SKIP)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV 6" WHITE SKIP-DASH (2' DASH, 6' SKIP)
- ⑩ PAVEMENT MARKING TAPE, TYPE IV 6" WHITE SOLID LINE
- ⑪ WELD
- ⑫ LEGEND
- ⑬ WORK ZONE
- ⑭ PAVEMENT CONSTRUCTED IN STAGE IV-B
- ⑮ DRUMS/TY II BARRICADES PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPERS AND 10' CENTERS IN RADII AND CURVES
- ⑯ DIRECTION OF TRAFFIC
- ⑰ TYPE I OR TYPE II BARRICADES
- ⑱ SIGN
- ⑲ WALKWAY MARKINGS (LC 7800)
- ⑳ TYPE III BARRICADE

NOTE
FOR PAVEMENT MARKING STATIONS AND OFFSETS SEE SHEET 70

PA1501-630-W07-Cumulative.dwg (1/16/2017) - 077-S-0001 (1/16/2017)



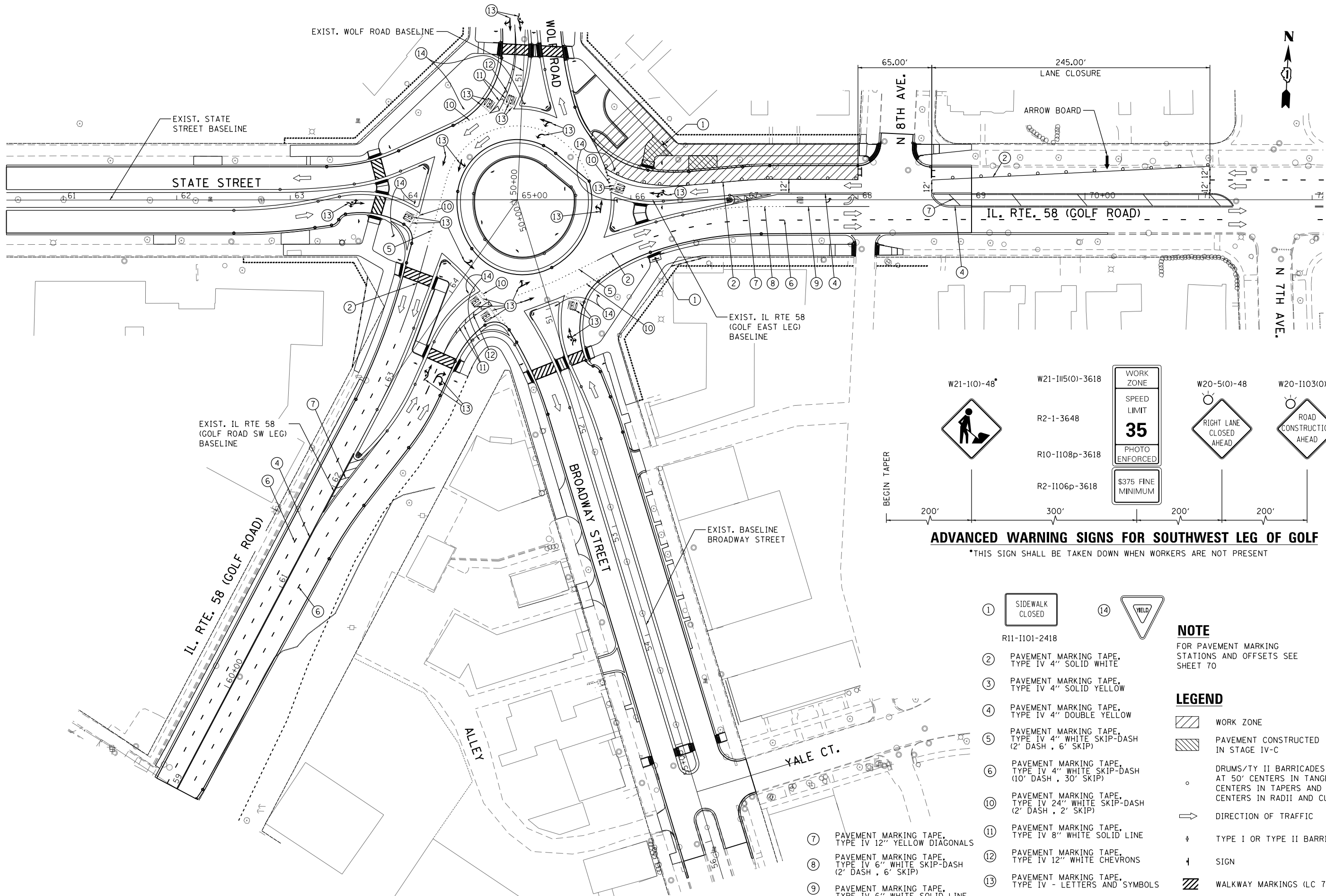
USER NAME = KenDrabant	DESIGNED - KJD	REVISED - 12/01/2017
	DRAWN - KJD	REVISED -
PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/11/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE IVB
CIRCLE AND LEGS**

SCALE: SHEET 23 OF 26 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 67
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



W21-1(0)-48*	W21-1115(0)-3618	WORK ZONE	W20-5(0)-48	W20-1103(0)-48
	R2-1-3648	SPEED LIMIT		
	R10-1108p-3618	35		
	R2-1106p-3618	PHOTO ENFORCED		
		\$375 FINE MINIMUM		
BEGIN TAPER	200'	300'	200'	200'

ADVANCED WARNING SIGNS FOR SOUTHWEST LEG OF GOLF

*THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

- ① SIDEWALK CLOSED
 - ② PAVEMENT MARKING TAPE, TYPE IV 4" SOLID WHITE
 - ③ PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW
 - ④ PAVEMENT MARKING TAPE, TYPE IV 4" DOUBLE YELLOW
 - ⑤ PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SKIP-DASH (2" DASH, 6" SKIP)
 - ⑥ PAVEMENT MARKING TAPE, TYPE IV 4" WHITE SKIP-DASH (10" DASH, 30" SKIP)
 - ⑦ PAVEMENT MARKING TAPE, TYPE IV 12" YELLOW DIAGONALS
 - ⑧ PAVEMENT MARKING TAPE, TYPE IV 6" WHITE SKIP-DASH (2" DASH, 6" SKIP)
 - ⑨ PAVEMENT MARKING TAPE, TYPE IV 6" WHITE SOLID LINE
 - ⑩ PAVEMENT MARKING TAPE, TYPE IV 24" WHITE SKIP-DASH (2" DASH, 2" SKIP)
 - ⑪ PAVEMENT MARKING TAPE, TYPE IV 8" WHITE SOLID LINE
 - ⑫ PAVEMENT MARKING TAPE, TYPE IV 12" WHITE CHEVRONS
 - ⑬ PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS
 - ⑭
- NOTE**
FOR PAVEMENT MARKING STATIONS AND OFFSETS SEE SHEET 70
- LEGEND**
- WORK ZONE
 - PAVEMENT CONSTRUCTED IN STAGE IV-C
 - DRUMS/TY II BARRICADES PLACED AT 50' CENTERS IN TANGENTS, 20' CENTERS IN TAPERS AND 10' CENTERS IN RADII AND CURVES
 - DIRECTION OF TRAFFIC
 - TYPE I OR TYPE II BARRICADES
 - SIGN
 - WALKWAY MARKINGS (LC 7800)

P:\1501-630-W07-CumminsLandParcel\1501-630-000-Sheets\1501-630-016-ans-077-30x60\1501-630-016.dwg



USER NAME = KenDrabant	DESIGNED - KJD	REVISED - 12/01/2017
	DRAWN - KJD	REVISED -
PLOT SCALE = 80.0000' / in.	CHECKED - RB	REVISED -
PLOT DATE = 12/11/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE IVC CIRCLE AND LEGS			
SCALE:	SHEET 24	OF 26 SHEETS	STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 68
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

PRESTAGE – TEMPORARY CONCRETE BARRIER

LOCATION	STATION	OFFSET	BASELINE	COMMENT
A	57+54.26	4.79	EXIST. IL58S	IMPACT ATTENUATOR, BEGIN TEMP CONCRETE BARRIER
	57+66.75	6.34	EXIST. IL58S	
	57+79.31	7.92	EXIST. IL58S	
B	57+91.95	9.48	EXIST. IL58S	END TAPER TEMP CONCRETE BARRIER
	58+04.67	9.49	EXIST. IL58S	
	58+17.33	9.49	EXIST. IL58S	
	58+60.00	9.49	EXIST. IL58S	
	58+42.67	9.50	EXIST. IL58S	
	58+55.34	9.48	EXIST. IL58S	
	58+68.00	9.49	EXIST. IL58S	
	58+80.67	9.50	EXIST. IL58S	
	58+93.34	9.49	EXIST. IL58S	
	59+06.02	9.49	EXIST. IL58S	
	59+18.68	9.49	EXIST. IL58S	
	59+31.34	9.50	EXIST. IL58S	
	59+44.01	9.49	EXIST. IL58S	
	59+56.68	9.48	EXIST. IL58S	
	59+69.34	9.49	EXIST. IL58S	
	59+82.01	9.49	EXIST. IL58S	
	59+94.68	9.50	EXIST. IL58S	
	60+07.33	9.49	EXIST. IL58S	
C	60+19.92	9.50	EXIST. IL58S	END TEMP CONCRETE BARRIER
D	58+80.75	-9.50	EXIST. IL58S	BEGIN TEMP CONCRETE BARRIER
	58+93.34	-9.50	EXIST. IL58S	
	59+05.99	-9.49	EXIST. IL58S	
	59+18.66	-9.49	EXIST. IL58S	
	59+31.33	-9.49	EXIST. IL58S	
	59+43.99	-9.49	EXIST. IL58S	
	59+56.68	-9.49	EXIST. IL58S	
	59+69.33	-9.50	EXIST. IL58S	
	59+82.00	-9.49	EXIST. IL58S	
	59+94.67	-9.49	EXIST. IL58S	
	60+07.34	-9.48	EXIST. IL58S	
	60+20.01	-9.50	EXIST. IL58S	
E	60+32.72	-9.50	EXIST. IL58S	BEGIN TAPER
	60+45.34	-7.92	EXIST. IL58S	
	60+57.92	-6.33	EXIST. IL58S	
F	60+70.41	-4.79	EXIST. IL58S	END TAPER, IMPACT ATTENUATOR

STAGE II – TEMPORARY CONCRETE BARRIER

LOCATION	STATION	OFFSET	BASELINE	COMMENT
	69+46.10	2.51	EXIST. IL58E	IMPACT ATTENUATOR, BEGIN TEMP. CONCRETE BARRIER
	69+33.54	4.12	EXIST. IL58E	
	69+20.97	5.72	EXIST. IL58E	END 8:1 TAPER
	69+08.41	7.32	EXIST. IL58E	
	68+95.63	7.36	EXIST. IL58E	
	68+82.96	7.39	EXIST. IL58E	
	68+70.29	7.43	EXIST. IL58E	
	68+57.63	7.46	EXIST. IL58E	
	68+44.96	7.49	EXIST. IL58E	
	68+32.29	7.52	EXIST. IL58E	
	68+19.63	7.55	EXIST. IL58E	
	68+06.96	7.58	EXIST. IL58E	
	67+94.29	7.61	EXIST. IL58E	
	67+81.63	7.65	EXIST. IL58E	
	67+68.96	7.68	EXIST. IL58E	
	67+56.29	7.71	EXIST. IL58E	
	67+43.63	7.74	EXIST. IL58E	
	67+30.96	7.77	EXIST. IL58E	
	67+18.31	7.98	EXIST. IL58E	BEGINNING OF CURVE
	67+05.68	8.56	EXIST. IL58E	
	66+93.08	9.51	EXIST. IL58E	
	66+80.51	10.82	EXIST. IL58E	
	66+67.98	12.50	EXIST. IL58E	
	66+55.51	14.54	EXIST. IL58E	
	66+43.10	16.94	EXIST. IL58E	
	66+30.76	19.70	EXIST. IL58E	
	66+18.51	22.82	EXIST. IL58E	
	66+06.52	26.72	EXIST. IL58E	
	65+94.61	30.94	EXIST. IL58E	
	65+82.77	35.39	EXIST. IL58E	
	65+71.02	40.08	EXIST. IL58E	
	65+59.37	45.01	EXIST. IL58E	
	65+47.82	50.16	EXIST. IL58E	
	65+36.34	55.48	EXIST. IL58E	
	65+24.97	61.01	EXIST. IL58E	
	65+13.88	67.05	EXIST. IL58E	
	64+41.28	44.43	EXIST. IL58S	
	64+29.54	39.78	EXIST. IL58S	
	64+17.60	35.67	EXIST. IL58S	
	64+05.49	32.11	EXIST. IL58S	
	63+93.23	29.09	EXIST. IL58S	
	63+80.85	26.62	EXIST. IL58S	
	63+68.37	24.72	EXIST. IL58S	
	63+55.82	23.37	EXIST. IL58S	
	63+43.22	22.60	EXIST. IL58S	
	63+30.59	22.39	EXIST. IL58S	
	63+17.97	22.75	EXIST. IL58S	
	63+02.56	23.10	EXIST. IL58S	
	62+89.94	23.08	EXIST. IL58S	
	62+77.25	22.60	EXIST. IL58S	END OF CURVE
	62+64.60	20.97	EXIST. IL58S	
	62+52.08	18.77	EXIST. IL58S	
	62+39.61	16.58	EXIST. IL58S	
	62+27.13	14.39	EXIST. IL58S	
	62+14.66	12.20	EXIST. IL58S	
	62+02.17	10.08	EXIST. IL58S	
	61+89.66	8.33	EXIST. IL58S	
	61+77.09	6.96	EXIST. IL58S	
	61+64.49	5.98	EXIST. IL58S	
	61+51.87	5.40	EXIST. IL58S	
	61+39.23	5.21	EXIST. IL58S	
	61+26.58	5.21	EXIST. IL58S	
	61+13.91	5.21	EXIST. IL58S	
	61+01.25	5.21	EXIST. IL58S	
	60+88.58	5.21	EXIST. IL58S	
	60+75.91	5.21	EXIST. IL58S	
	60+63.25	5.21	EXIST. IL58S	
	60+50.58	5.21	EXIST. IL58S	
	60+37.91	5.21	EXIST. IL58S	
	60+25.25	5.21	EXIST. IL58S	
	60+12.58	5.21	EXIST. IL58S	
	59+99.91	5.21	EXIST. IL58S	
	59+87.21	4.40	EXIST. IL58S	
	59+74.57	3.59	EXIST. IL58S	
	59+61.93	2.78	EXIST. IL58S	
	59+49.29	1.97	EXIST. IL58S	
	59+36.65	1.16	EXIST. IL58S	
	59+24.01	0.36	EXIST. IL58S	
	59+11.37	-0.45	EXIST. IL58S	
	58+98.73	-1.26	EXIST. IL58S	
	58+86.12	-1.27	EXIST. IL58S	
	58+73.40	-1.27	EXIST. IL58S	
	58+60.77	-2.85	EXIST. IL58S	
	58+48.20	-4.41	EXIST. IL58S	
	58+35.71	-5.97	EXIST. IL58S	END, IMPACT ATTENUATOR

STAGE IIIB – TEMPORARY CONCRETE BARRIER

LOCATION	STATION	OFFSET	BASELINE	COMMENT
A	69+64.93	-0.79	EXIST. IL58E	IMPACT ATTENUATOR, BEGIN TEMP. CONCRETE BARRIER
	69+52.44	-2.35	EXIST. IL58E	
	69+39.87	-3.92	EXIST. IL58E	
	69+27.25	-5.49	EXIST. IL58E	
	69+14.54	-5.50	EXIST. IL58E	
B	69+01.97	-5.49	EXIST. IL58E	END 13:1 TAPER
	68+89.19	-5.50	EXIST. IL58E	
	68+76.52	-5.50	EXIST. IL58E	
	68+63.85	-5.50	EXIST. IL58E	
	68+51.19	-5.50	EXIST. IL58E	
	68+38.52	-5.50	EXIST. IL58E	
	68+25.85	-5.50	EXIST. IL58E	
	68+13.19	-5.50	EXIST. IL58E	
	68+00.52	-5.49	EXIST. IL58E	
	67+87.85	-5.49	EXIST. IL58E	
	67+75.19	-5.49	EXIST. IL58E	
	67+62.52	-5.49	EXIST. IL58E	
	67+49.85	-5.49	EXIST. IL58E	
	67+37.19	-5.49	EXIST. IL58E	
	67+24.52	-5.49	EXIST. IL58E	
	67+11.85	-5.49	EXIST. IL58E	
	66+99.19	-5.49	EXIST. IL58E	
	66+86.52	-5.49	EXIST. IL58E	
C	66+73.85	-5.47	EXIST. IL58E	BEGIN CURVE
	66+61.17	-5.08	EXIST. IL58E	
	66+48.49	-4.20	EXIST. IL58E	
	66+35.86	-2.83	EXIST. IL58E	
	66+23.30	-0.96	EXIST. IL58E	
	66+10.81	1.38	EXIST. IL58E	
	65+98.43	4.22	EXIST. IL58E	
	65+86.17	7.53	EXIST. IL58E	
	65+74.04	11.31	EXIST. IL58E	
	65+62.07	15.56	EXIST. IL58E	
	65+50.27	20.28	EXIST. IL58E	
	65+38.67	25.45	EXIST. IL58E	
	65+27.28	31.06	EXIST. IL58E	
	65+16.11	37.12	EXIST. IL58S	
	65+05.18	43.60	EXIST. IL58S	
	64+55.37	24.26	EXIST. IL58S	
	64+43.44	19.88	EXIST. IL58S	
	64+31.36	15.97	EXIST. IL58S	
	64+19.13	12.54	EXIST. IL58S	
	64+06.77	9.58	EXIST. IL58S	
	63+94.31	7.10	EXIST. IL58S	
	63+81.77	5.11	EXIST. IL58S	
	63+69.15	3.61	EXIST. IL58S	
	63+56.49	2.60	EXIST. IL58S	
	63+43.80	2.08	EXIST. IL58S	
	63+31.09	2.06	EXIST. IL58S	
	63+18.40	2.53	EXIST. IL58S	
D	63+05.34	3.09	EXIST. IL58S	END CURVE
	62+92.65	2.79	EXIST. IL58S	
	62+80.02	2.21	EXIST. IL58S	
	62+67.37	1.64	EXIST. IL58S	
	62+54.71	1.07	EXIST. IL58S	
	62+42.06	0.50	EXIST. IL58S	
	62+29.35	0.49	EXIST. IL58S	
	62+16.68	0.49	EXIST. IL58S	
	62+04.02	0.49	EXIST. IL58S	
	61+91.35	0.49	EXIST. IL58S	
	61+78.68	0.49	EXIST. IL58S	
	61+66.02	0.49	EXIST. IL58S	
	61+53.35	0.49	EXIST. IL58S	
	61+40.68	0.49	EXIST. IL58S	
	61+28.02	0.49	EXIST. IL58S	
	61+15.35	0.49	EXIST. IL58S	
	61+02.68	0.49	EXIST. IL58S	
	60+90.02	0.49	EXIST. IL58S	
	60+77.35	0.49	EXIST. IL58S	
	60+64.68	0.49	EXIST. IL58S	
	60+52.02	0.49	EXIST. IL58S	
	60+39.35	0.49	EXIST. IL58S	
	60+26.68	0.49	EXIST. IL58S	
	60+14.02	0.49	EXIST. IL58S	
	60+01.35	0.49	EXIST. IL58S	
	59+88.68	0.49	EXIST. IL58S	
	59+76.02	0.49	EXIST. IL58S	
	59+63.35	0.49	EXIST. IL58S	
	59+50.68	0.49	EXIST. IL58S	
	59+38.02	0.49	EXIST. IL58S	
	59+25.35	0.49	EXIST. IL58S	
	59+12.68	0.49	EXIST. IL58S	
	59+00.02	0.49	EXIST. IL58S	
E	58+87.34	0.50	EXIST. IL58S	BEGIN TAPER
	58+74.62	0.52	EXIST. IL58S	
	58+61.99	2.09	EXIST. IL58S	
	58+49.42	3.66	EXIST. IL58S	
F	58+36.93	5.22	EXIST. IL58S	END TAPER, IMPACT ATTENUATOR

STAGE IA – TEMPORARY CONCRETE BARRIER

LOCATION	STATION	OFFSET	BASELINE	COMMENT
A	65+85.81	64.97	EXIST. IL58E	BEGIN, TEMPORARY CONCRETE BARRIER
	65+73.68	68.65	EXIST. IL58E	
	65+61.56	72.32	EXIST. IL58E	
	65+49.44	76.00	EXIST. IL58E	
	65+37.32	79.68	EXIST. IL58E	
	65+25.20	83.35	EXIST. IL58E	
	65+13.08	87.03	EXIST. IL58E	
	64+			

PRE-STAGE – TEMPORARY PAVEMENT MARKING

LOCATION	STATION	OFFSET	BASELINE	COMMENT
1	50+58.35	-34.91	EXIST. WOLF RD	
2	50+59.01	33.78	EXIST. WOLF RD	
3	50+80.56	-24.05	EXIST. WOLF RD	
4	50+79.45	24.85	EXIST. WOLF RD	
5	51+40.00	-10.00	EXIST. WOLF RD	
6	51+40.00	10.00	EXIST. WOLF RD	
7	66+44.67	-16.50	EXIST. IL58E	
8	68+08.00	-16.50	EXIST. IL58E	
9	68+62.00	-16.50	EXIST. IL58E	
10	71+07.00	-28.50	EXIST. IL58E	
11	65+60.42	-31.71	EXIST. IL58E	
12	65+61.34	29.35	EXIST. IL58E	
13	66+44.40	-4.50	EXIST. IL58E	
14	66+64.55	6.00	EXIST. IL58E	
15	66+90.00	-4.50	EXIST. IL58E	
16	66+90.00	6.00	EXIST. IL58E	
17	54+92.03	6.43	EXIST. IL58S	
18	57+36.94	10.00	EXIST. IL58S	
20	60+79.94	10.00	EXIST. IL58S	
21	61+29.94	0.00	EXIST. IL58S	
22	56+39.47	-2.10	EXIST. IL58S	
23	57+36.94	-10.00	EXIST. IL58S	
24	60+79.94	-10.00	EXIST. IL58S	
25	62+84.94	0.00	EXIST. IL58S	
26	63+06.37	0.00	EXIST. IL58S	
27	63+68.24	-17.26	EXIST. IL58S	
28	64+28.73	21.12	EXIST. IL58S	
29	64+31.57	-23.21	EXIST. IL58S	
30	60+79.94	-20.00	EXIST. IL58S	
31	62+84.94	-10.00	EXIST. IL58S	
32	63+00.00	10.00	EXIST. STATE ST	
33	63+00.00	-10.00	EXIST. STATE ST	
34	63+58.73	-10.00	EXIST. STATE ST	
35	63+68.51	10.00	EXIST. STATE ST	
36	64+09.46	28.19	EXIST. STATE ST	
37	64+31.84	23.98	EXIST. STATE ST	
38	64+41.28	-34.30	EXIST. STATE ST	
39	64+10.00	-27.31	EXIST. IL58S	

STAGE IA – TEMPORARY PAVEMENT MARKING

LOCATION	STATION	OFFSET	BASELINE	COMMENT
1	50+58.35	-34.91	EXIST. WOLF RD	
2	50+59.01	33.78	EXIST. WOLF RD	
3	50+80.56	-24.05	EXIST. WOLF RD	
4	50+79.45	24.85	EXIST. WOLF RD	
5	51+40.00	-10.00	EXIST. WOLF RD	
6	51+40.12	10.00	EXIST. WOLF RD	
9	65+60.42	-31.71	EXIST. IL58E	
10	50+65.05	-19.80	EXIST. BROADWAY	
11	65+60.42	-31.71	EXIST. IL58E	
12	66+44.40	-4.50	EXIST. IL58E	
13	66+90.00	-4.13	EXIST. IL58E	
14	66+64.55	6.00	EXIST. IL58E	
15	68+08.12	-16.61	EXIST. IL58E	
16	68+61.79	-16.63	EXIST. IL58E	
17	70+20.00	17.77	EXIST. IL58S	
18	71+06.80	-28.70	EXIST. IL58S	
19	63+06.62	12.00	EXIST. IL58S	
20	63+06.37	0.00	EXIST. IL58S	
21	63+68.24	-17.26	EXIST. IL58S	
22	50+68.00	-0.70	EXIST. BROADWAY	
23	64+36.91	25.38	EXIST. IL58S	
24	64+31.17	-23.05	EXIST. IL58S	
25	64+30.27	-36.15	EXIST. IL58S	
26	63+00.00	10.00	EXIST. STATE ST	
27	63+00.00	-10.00	EXIST. STATE ST	
28	63+58.73	-10.00	EXIST. STATE ST	
29	63+68.51	10.00	EXIST. STATE ST	
30	63+97.45	25.06	EXIST. STATE ST	
31	64+31.84	23.98	EXIST. STATE ST	
32	64+41.28	-34.30	EXIST. STATE ST	

STAGE IB – EPOXY PAVEMENT MARKING

LOCATION	STATION	OFFSET	BASELINE	COMMENT
1	50+94.46	-17.10	EXIST. WOLF RD	
2	51+15.50	-9.84	EXIST. WOLF RD	
3	51+15.92	10.21	EXIST. WOLF RD	
4	50+94.52	16.77	EXIST. WOLF RD	
5	51+15.58	39.01	EXIST. WOLF RD	
6	66+25.62	-31.42	EXIST. IL58E	
7	65+95.25	-12.00	EXIST. IL58E	
8	66+52.60	-3.69	EXIST. IL58E	
9	66+90.00	-4.13	EXIST. IL58E	
10	66+90.00	5.87	EXIST. IL58E	
11	66+52.72	6.31	EXIST. IL58E	
12	65+94.80	15.10	EXIST. IL58E	
13	66+66.11	28.81	EXIST. IL58E	
14	66+18.57	34.01	EXIST. IL58E	
15	51+28.44	-18.66	EXIST. BROADWAY ST	
16	51+26.18	-3.17	EXIST. BROADWAY ST	
17	50+91.00	-19.20	EXIST. BROADWAY ST	
18	50+92.11	12.87	EXIST. BROADWAY ST	
19	51+42.16	12.38	EXIST. BROADWAY ST	
20	51+45.07	32.17	EXIST. BROADWAY ST	
21	63+80.01	54.46	EXIST. IL58S	
22	63+71.69	45.64	EXIST. IL58S	
23	63+11.47	21.84	EXIST. IL58S	
24	62+75.00	20.00	EXIST. IL58S	
25	51+08.04	32.81	EXIST. BROADWAY ST	
26	64+09.88	40.69	EXIST. IL58S	
27	63+84.58	26.24	EXIST. IL58S	
28	63+65.02	22.64	EXIST. IL58S	
29	64+07.63	-10.84	EXIST. IL58S	
30	64+07.03	-2.24	EXIST. IL58S	
31	63+49.32	-3.75	EXIST. IL58S	
32	63+49.76	-26.57	EXIST. IL58S	
35	63+78.86	34.44	EXIST. STATE ST	
36	63+84.03	9.88	EXIST. STATE ST	
37	64+08.19	14.84	EXIST. STATE ST	
38	64+08.11	-14.34	EXIST. STATE ST	
39	63+85.15	-9.99	EXIST. STATE ST	
40	63+76.12	-34.41	EXIST. STATE ST	
41	51+21.81	-35.81	EXIST. WOLF RD	

STAGE II – TEMPORARY PAVEMENT MARKING

LOCATION	STATION	OFFSET	BASELINE	COMMENT
1	70+20.01	29.00	EXIST. IL58E	
2	69+50.01	32.22	EXIST. IL58E	
3	67+04.76	33.67	EXIST. IL58E	
4	66+24.14	47.20	EXIST. IL58E	
5	65+92.55	58.42	EXIST. IL58E	
6	51+52.45	-15.25	EXIST. BROADWAY ST	
7	51+38.54	25.09	EXIST. BROADWAY ST	
8	63+73.89	50.8	EXIST. IL58S	
9	62+93.74	48.41	EXIST. IL58S	
10	59+00.00	19.82	EXIST. IL58S	
11	57+83.56	9.82	EXIST. IL58S	
12	57+29.95	19.56	EXIST. IL58S	

STAGE IIIA – TEMPORARY PAVEMENT MARKING

LOCATION	STATION	OFFSET	BASELINE	COMMENT
1	67+06.55	-29.54	EXIST. IL58E	
2	66+97.83	-28.90	EXIST. IL58E	
3	66+45.35	-27.87	EXIST. IL58E	
4	66+15.44	-25.92	EXIST. IL58E	
5	50+73.54	31.49	EXIST. WOLF RD	
6	50+55.89	38.74	EXIST. WOLF RD	
7	50+66.66	-13.41	EXIST. WOLF RD	
8	50+79.72	-6.68	EXIST. WOLF RD	
9	64+46.77	-42.31	EXIST. STATE ST	
10	64+27.37	-38.05	EXIST. STATE ST	
11	64+22.62	27.36	EXIST. STATE ST	
12	64+08.27	7.83	EXIST. STATE ST	
13	69+50.01	32.22	EXIST. IL58E	
14	70+20.01	29.00	EXIST. IL58E	

STAGE IIIB – TEMPORARY PAVEMENT MARKING

LOCATION	STATION	OFFSET	BASELINE	COMMENT
1	70+19.00	-18.50	EXIST. IL58E	
2	70+19.02	-6.40	EXIST. IL58E	

STAGE IVA – TEMPORARY PAVEMENT MARKING

LOCATION	STATION	OFFSET	BASELINE	COMMENT
1	64+48.99	-14.39	EXIST. STATE ST	
2	64+43.87	3.75	EXIST. STATE ST	
3	64+32.35	-11.81	EXIST. IL58S	
4	50+75.74	-13.62	EXIST. BROADWAY ST	
5	65+75.29	-6.42	EXIST. IL58E	
6	65+63.30	-16.36	EXIST. IL58E	
7	65+91.54	-3.11	EXIST. IL58S	
8	65+86.99	-30.03	EXIST. IL58S	
9	64+18.82	-26.69	EXIST. IL58S	
10	64+14.54	-7.74	EXIST. IL58S	
11	64+12.91	17.8	EXIST. IL58S	
12	64+10.84	34.53	EXIST. IL58S	

STAGE IVB – TEMPORARY PAVEMENT MARKING

LOCATION	STATION	OFFSET	BASELINE	COMMENT
1	64+38.57	8.35	EXIST. IL58S	
2	64+39.08	-7.51	EXIST. IL58S	
3	64+28.24	-44.03	EXIST. IL58S	
4	50+46.04	-40.65	EXIST. WOLF RD	
5	50+60.89	-22.76	EXIST. WOLF RD	
6	50+57.87	29.59	EXIST. WOLF RD	
7	65+63.30	-16.36	EXIST. IL58E	
8	65+76.85	-23.41	EXIST. IL58E	
9	65+70.56	48.15	EXIST. IL58E	
10	64+28.25	-44.04	EXIST. IL58S	
11	64+13.93	36.37	EXIST. IL58S	

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USER NAME = KenDrabant
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 12/11/2017

DESIGNED - KJD
 DRAWN - MAA
 CHECKED - RB
 DATE - 10/17/2017

REVISED - 12/01/2017
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LAYOUT SCHEDULE FOR TRAFFIC CONTROL
 ELEMENTS**

SCALE: SHEET 26 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	70
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

STAGE 1 DETOUR NOTES

DETOUR ALL TRAFFIC THAT CANNOT ACCESS BROADWAY ST FROM THE CIRCLE. TRAFFIC FROM NORTH/SOUTH WOLF RD AND EAST/WEST IL 58 (GOLF RD) SHOULD ENTER THE CIRCLE TO GO WEST ON STATE ST, THEN LEFT AT US 14 TO GO SE ON US 14 AND THEN LEFT AT BROADWAY ST TO ACCESS BROADWAY ST FROM THE SOUTH; TRAFFIC TO ACCESS LOCAL BUSINESS ON BROADWAY ST USING ALLEYS OFF OF YALE CT.

STAGE 2 DETOUR NOTES

DETOUR "NB US 14 TO WB IL 58" TRAFFIC THAT WOULD EITHER TAKE EB STATE ST OR TAKE NB BROADWAY ST, WHICH IS RESTRICTED FROM MAKING A LEFT TURN, TO WB IL 58. TRAFFIC ON NB US 14 WILL CONTINUE NB ON US 14 AND MAKE A LEFT TURN ONTO IL 83 (ELMHURST RD) AND THEN CONTINUE SB ON IL 83 TO IL 58. COVER EXISTING "TO IL 58" SIGNS ON US 14 AT STATE ST.

DETOUR "NB US 14 TO EB IL 58" TRAFFIC THAT WOULD NORMALLY TAKE EB STATE ST OR TAKE NB BROADWAY ST TO EB IL 58. TRAFFIC TO CONTINUE NB ON US 14 AND MAKE A RIGHT TURN ONTO IL 83 (ELMHURST RD). TRAFFIC ON IL 83 WILL CONTINUE NB ON IL 83 AND MAKE A RIGHT TURN ONTO CENTRAL RD. TRAFFIC TO CONTINUE EB ON CENTRAL AND MAKE A RIGHT TURN ONTO US 12 (RAND RD). TRAFFIC TO CONTINUE SE ON US 12 AND MAKE A LEFT TURN ONTO EB IL 58.

DETOUR "SB US 14 TO WB IL 58" TRAFFIC THAT WOULD NORMALLY TAKE EITHER EB STATE ST OR TAKE NB BROADWAY ST, WHICH IS RESTRICTED FROM MAKING A LEFT TURN, TO WB IL 58. TRAFFIC ON SB US 14 WILL MAKE A RIGHT TURN ONTO IL 83 (ELMHURST RD) AND THEN CONTINUE SB ON IL 83 TO MAKE A LEFT OR RIGHT TURN ON IL 58.

DETOUR "SB US 14 TO EB IL 58" TRAFFIC THAT WOULD NORMALLY TAKE EITHER EB STATE ST OR TAKE NB BROADWAY ST TO EB IL 58. TRAFFIC ON SB US 14 WILL MAKE A LEFT TURN ONTO CENTRAL RD. TRAFFIC TO CONTINUE EB ON CENTRAL AND MAKE A RIGHT TURN ONTO US 12 (RAND RD). TRAFFIC TO CONTINUE SE ON US 12 AND MAKE A LEFT TURN ONTO EB IL 58.

DETOUR "WB IL 58 TO BROADWAY ST" TRAFFIC THAT IS RESTRICTED FROM MAKING A LEFT TURN ONTO BROADWAY ST. TRAFFIC ON WB IL 58 WILL MAKE A RIGHT TURN ONTO US 12 AND GO NW ON US 12, THEN TURN LEFT AT CENTRAL RD AND GO WEST ON CENTRAL RD, THEN TURN LEFT ON IL 83 TO GO SOUTH ON IL 83, THEN TURN LEFT ON US 14 TO GO SE ON US 14, THEN TURN LEFT ON BROADWAY TO ACCESS BROADWAY ST FROM THE SOUTH.

DETOUR "WB IL 58 TO STATE ST" TRAFFIC THAT CANNOT ACCESS STATE ST OR "STATE ST TO US 14" FROM THE CIRCLE. TRAFFIC ON WB IL 58 WILL MAKE A RIGHT TURN ON US 12 AND GO NW ON US 12, THEN TURN LEFT AT CENTRAL RD AND GO WEST ON CENTRAL RD, THEN TURN LEFT ON IL 83 TO GO SOUTH ON IL 83, THEN TURN LEFT ON US 14 TO GO SE ON US 14, THEN TURN LEFT ON STATE ST TO ACCESS STATE ST FROM THE WEST.

DETOUR "WB IL 58 TO N WOLF RD" TRAFFIC THAT CANNOT ACCESS N WOLF RD FROM THE CIRCLE. TRAFFIC ON WB IL 58 WILL MAKE A RIGHT TURN ON US 12 AND GO NW ON US 12. TRAFFIC WILL CONTINUE ON US 12 AND TURN LEFT OR RIGHT AT WOLF RD.

DETOUR "EB IL 58 TO STATE ST" TRAFFIC THAT CANNOT ACCESS STATE ST OR "STATE ST TO US 14" FROM THE CIRCLE. TRAFFIC ON EB IL 58 WILL MAKE A RIGHT TURN ON BROADWAY ST AND GO SOUTH ON BROADWAY ST, THEN TURN RIGHT AT US 14. TRAFFIC TO CONTINUE NW ON US 14, THEN TURN RIGHT ONTO STATE ST TO ACCESS STATE ST FROM THE WEST.

DETOUR "EB IL 58 TO N WOLF RD" TRAFFIC THAT CANNOT ACCESS N WOLF RD FROM THE CIRCLE. TRAFFIC ON EB IL 58 TO CONTINUE TO US 12, THEN MAKE A LEFT TURN ON US 12. TRAFFIC WILL CONTINUE NW ON US 12, THEN TURN LEFT OR RIGHT AT WOLF RD.

DETOUR "SB N WOLF RD TO STATE ST OR BROADWAY ST" TRAFFIC THAT CANNOT ACCESS BROADWAY ST, STATE ST OR "STATE ST TO US 14" VIA THE CIRCLE. TRAFFIC ON SB N WOLF RD WILL MAKE A RIGHT TURN ON US 12 AND GO NW ON US 12 TO CENTRAL RD. TRAFFIC WILL CONTINUE WEST ON CENTRAL RD AND MAKE A LEFT TURN ON IL 83. TRAFFIC WILL CONTINUE SOUTH ON IL 83 AND MAKE A LEFT TURN ON US 14. TRAFFIC WILL CONTINUE ON US 14 AND ACCESS STATE ST OR BROADWAY ST FROM THE WEST.

DETOUR "SB N WOLF RD TO S WOLF RD" TRAFFIC THAT CANNOT ACCESS S WOLF RD VIA THE CIRCLE. TRAFFIC ON SB N WOLF RD WILL MAKE A LEFT TURN ON US 12. TRAFFIC WILL CONTINUE SE ON US 12 AND TURN RIGHT AT IL 58 AND CONTINUE TO S WOLF RD.

DETOUR "SB N WOLF RD TO EB IL 58" TRAFFIC THAT CANNOT ACCESS EB IL 58 VIA THE CIRCLE. TRAFFIC ON SB N WOLF RD WILL MAKE A LEFT TURN ON US 12. TRAFFIC TO CONTINUE SE ON US 12 AND MAKE A LEFT TURN ONTO EB IL 58.

DETOUR "SB N WOLF RD TO WB IL 58" TRAFFIC THAT CANNOT ACCESS WB IL 58 VIA THE CIRCLE. TRAFFIC ON SB N WOLF RD WILL MAKE A RIGHT TURN ON US 12 AND GO NW ON US 12 AND TURN LEFT ONTO CENTRAL RD. TRAFFIC TO CONTINUE WEST OF CENTRAL RD TO IL 83 AND MAKE A LEFT TURN ON IL 83. TRAFFIC TO CONTINUE SOUTH ON IL 83 TO MAKE A LEFT OR RIGHT TURN ON IL 58.

STAGE 3 DETOUR NOTES

DETOUR "NB US 14 TO EB IL 58" THAT WOULD NORMALLY TAKE STATE ST OR TAKE BROADWAY ST TO EB IL 58. TRAFFIC TO CONTINUE NW ON US 14 AND MAKE A RIGHT TURN ONTO IL 83 (ELMHURST RD). TRAFFIC WILL CONTINUE NORTH ON IL 83 AND MAKE A RIGHT TURN ONTO CENTRAL RD. TRAFFIC TO CONTINUE EAST ON CENTRAL RD AND MAKE A RIGHT TURN ONTO US 12 (RAND RD). TRAFFIC TO CONTINUE SOUTH ON US 12 AND TURN LEFT ONTO EB IL 58.

DETOUR "SB US 14 TO EB IL 58" TRAFFIC THAT WOULD EITHER TAKE NB BROADWAY ST OR TAKE EB STATE ST, WHICH IS RESTRICTED FROM MAKING A LEFT TURN AT THE CIRCLE, TO EB IL 58. TRAFFIC ON SB US 14 WILL MAKE A LEFT TURN ONTO CENTRAL RD. TRAFFIC TO CONTINUE EAST ON CENTRAL AND MAKE A RIGHT TURN ONTO US 12 (RAND RD). TRAFFIC TO CONTINUE SE ON US 12 TO MAKE A LEFT ONTO EB IL 58.

DETOUR "WB IL 58 TO BROADWAY ST" TRAFFIC THAT IS RESTRICTED FROM MAKING A LEFT TURN ONTO BROADWAY ST. TRAFFIC ON WB IL 58 WILL MAKE A EXIT ONTO STATE ST FROM THE CIRCLE AND GO WEST ON STATE ST, THEN TURN LEFT AT US 14 AND GO SE ON US 14, THEN TURN LEFT ON BROADWAY TO ACCESS BROADWAY ST FROM THE SOUTH.

DETOUR "EB IL 58 TO STATE ST" TRAFFIC THAT CANNOT ACCESS STATE ST OR "STATE ST TO US 14" WHICH IS RESTRICTED FROM MAKING A LEFT TURN AT THE CIRCLE. TRAFFIC ON EB IL 58 WILL CONTINUE AND MAKE A LEFT TURN ON US 12. TRAFFIC WILL CONTINUE NW ON US 12 AND THEN TURN LEFT AT WOLF RD. TRAFFIC WILL CONTINUE SOUTH ON WOLF RD AND THEN TURN RIGHT ONTO STATE ST AT THE CIRCLE.

DETOUR "EB IL 58 TO BROADWAY ST" TRAFFIC THAT CANNOT ACCESS BROADWAY ST FROM THE CIRCLE. TRAFFIC ON EB IL 58 WILL CONTINUE AND MAKE A LEFT TURN ON US 12. TRAFFIC WILL CONTINUE NW ON US 12 AND THEN TURN LEFT AT WOLF RD. TRAFFIC WILL CONTINUE SOUTH ON WOLF RD AND THEN TURN RIGHT ONTO STATE ST AT THE CIRCLE. TRAFFIC WILL CONTINUE WEST ON STATE ST AND WILL TURN LEFT ONTO US 14. TRAFFIC WILL THEN GO SE ON US 14 AND THEN TURN LEFT ONTO BROADWAY TO ACCESS BROADWAY ST FROM THE SOUTH.

DETOUR "EB IL 58 TO N WOLF RD" TRAFFIC THAT CANNOT ACCESS N WOLF RD WHICH IS RESTRICTED FROM MAKING A LEFT TURN AT THE CIRCLE. . TRAFFIC ON EB IL 58 WILL CONTINUE AND MAKE A LEFT TURN ON US 12, THEN GO NW ON US 12, THEN TURN LEFT OR RIGHT AT WOLF RD.

DETOUR "SB N WOLF RD TO BROADWAY ST" TRAFFIC THAT CANNOT ACCESS BROADWAY ST VIA THE CIRCLE. TRAFFIC ON SB N WOLF RD WILL MAKE A RIGHT TURN ON STATE ST AT THE CIRCLE AND GO WEST ON STATE ST, THEN TURN LEFT AT US 14 AND GO SE ON US 14, THEN TURN LEFT ON BROADWAY TO ACCESS BROADWAY ST FROM THE SOUTH.

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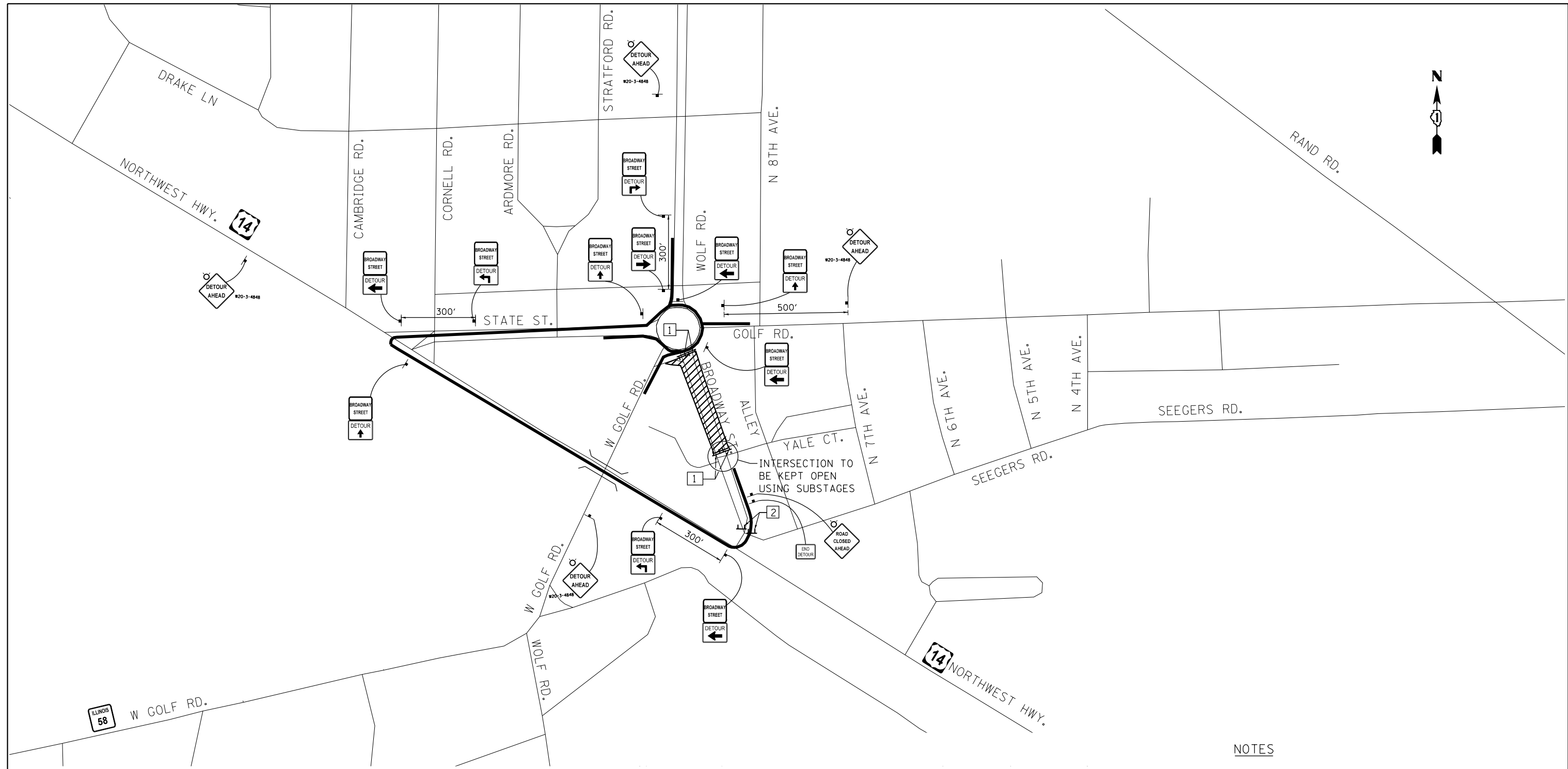
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PLOT DATE = 10/20/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR NOTES

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	71
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



NOTES

1. ALL SIGNS SHALL BE POST MOUNTED IN THE GROUND WHERE POSSIBLE PER ART. 701.14 AND STD 701901. THEY MUST HAVE A VERTICAL CLEARANCE OF 7 FEET FROM THE TOP OF THE PAVEMENT TO THE BOTTOM OF THE SIGN.
2. REFER TO DISTRICT DETAIL TC 21 FOR TYPICAL SIGN LAYOUT AND SPACING.

LEGEND

- WORK ZONE
- TYPE III BARRICADE W/ 2 STEADY BURN LIGHTS EACH (2 OR MORE)
- SIGN ON SUPPORT

ROUTE MARKERS

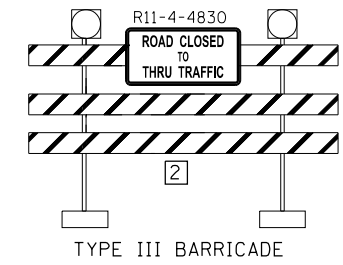
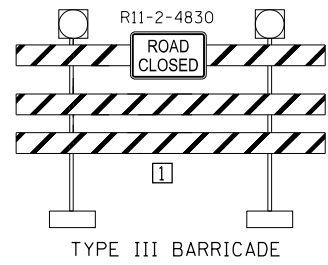
- FOR U.S. ROUTES
M1-4-2424
- FOR ILLINOIS ROUTES
M1-I100-2424
- SPECIAL 24"x48"
MIN. 5" BLACK LETTERS ON ORANGE
REFLECTIVE BACKGROUND

ARROWS SIGNS

- M4-9R
- M4-9L
- M4-9
- M4-9R
- M4-9L

CARDINAL DIRECTION & DETOUR SIGNS

- NORTH M3-1-2412
- EAST M3-2-2412
- SOUTH M3-3-2412
- WEST M3-4-2412
- DETOUR M4-8-2412
- END DETOUR M4-8A-2412



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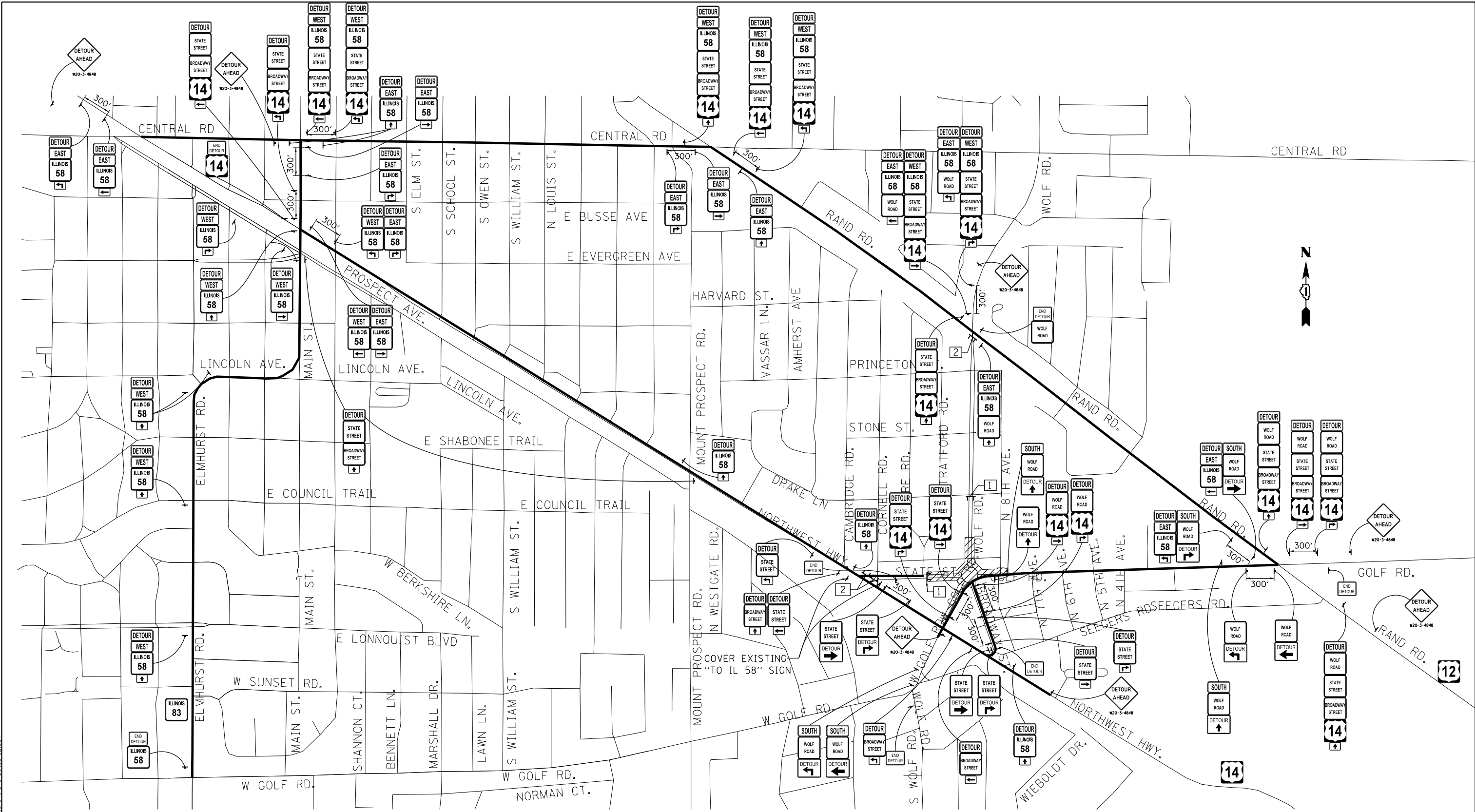
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PLOT DATE = 12/17/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE I DETOUR PLAN

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	72
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



ROUTE MARKERS

- FOR U.S. ROUTES
M1-40-2424
- FOR ILLINOIS ROUTES
M1-50-2424

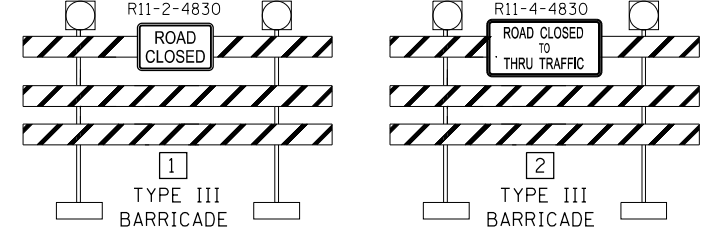
ARROWS SIGNS

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- M5-1R-2115
- M6-1-2115
- M6-1-2115
- M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

- NORTH M3-1-2412
- EAST M3-2-2412
- SOUTH M3-3-2412
- WEST M3-4-2412
- DETOUR M4-8-2412
- END DETOUR M4-8A-2412

- M4-9R
- M4-9L
- M4-9
- M4-9R
- M4-9L



LEGEND

- WORK ZONE
- TYPE III BARRICADE W/ 2 STEADY BURN LIGHTS EACH (2 OR MORE)
- SIGN ON SUPPORT

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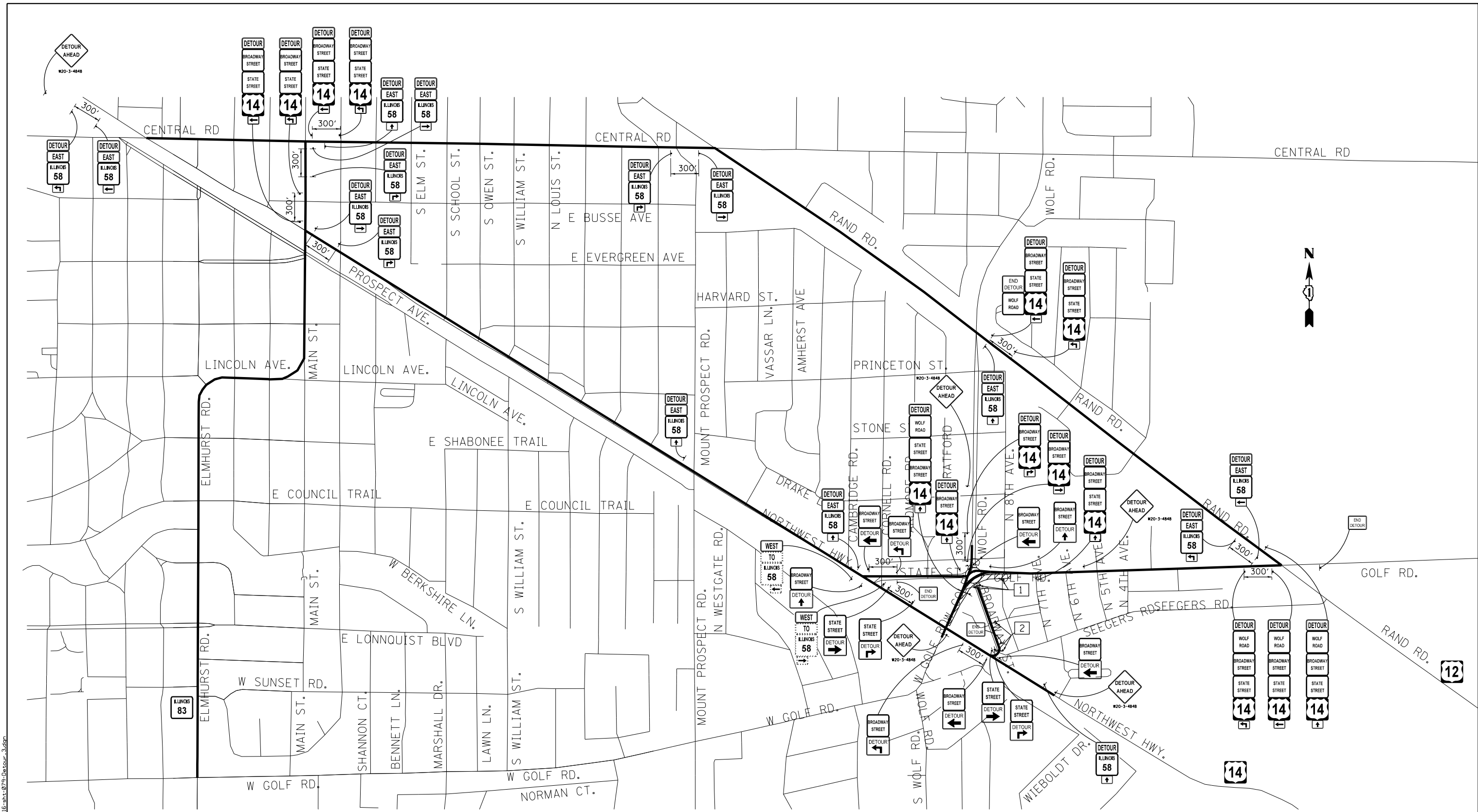
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PLOT DATE = 10/20/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE II DETOUR PLAN

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	73
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



ROUTE MARKERS

- FOR U.S. ROUTES
M1-40-2424
- FOR ILLINOIS ROUTES
M1-50-2424

ARROWS SIGNS

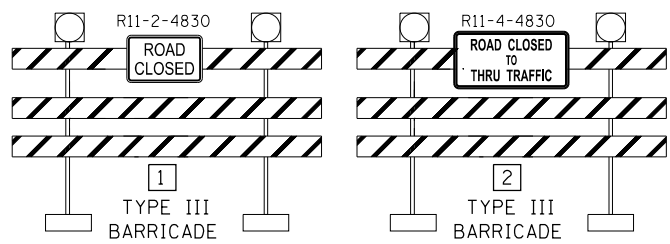
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- M5-1R-2115
- M6-1-2115
- M6-1-2115
- M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

- NORTH M3-1-2412
- EAST M3-2-2412
- SOUTH M3-3-2412
- WEST M3-4-2412
- DETOUR M4-8-2412
- END DETOUR M4-8A-2412

- M4-9R
- M4-9L
- M4-9
- M4-9R
- M4-9L

EXISTING SIGN



LEGEND

- WORK ZONE
- TYPE III BARRICADE W/ 2 STEADY BURN LIGHTS EACH (2 OR MORE)
- SIGN ON SUPPORT

P:\1501-630-1077_Cumberland\Drawings\1501-630-1077-DR-03-17-2017-03.dwg
 USER: kendra
 DATE: 12/17/2017



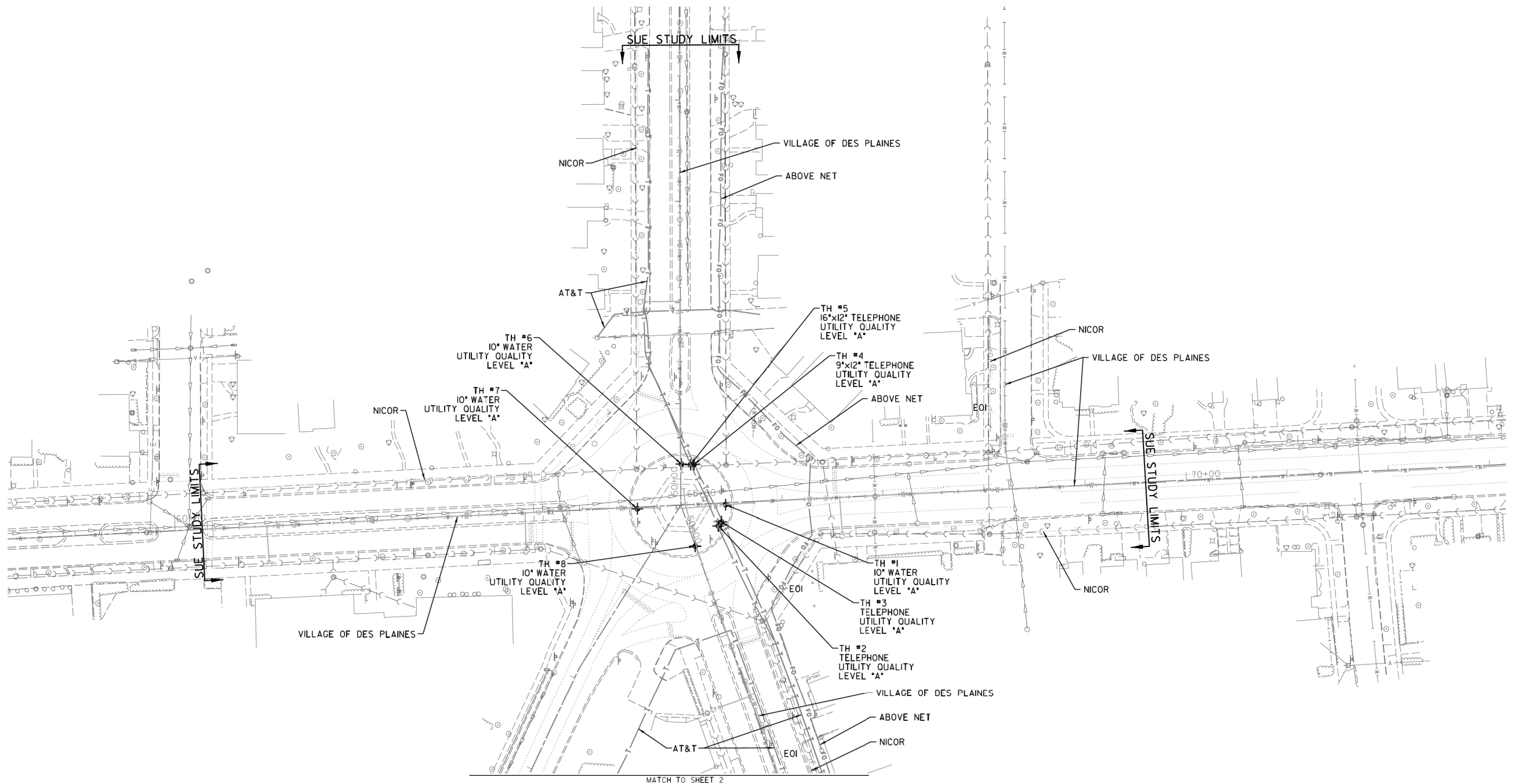
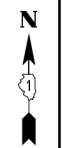
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DRAWN - KJD	REVISOR -	
PLOT SCALE = 1000.0000 "/>		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE III DETOUR PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	74
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



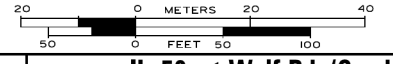
MATCH TO SHEET 2

— A — A —	AERIAL UNKNOWN
— O — O —	OIL
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	TRAFFIC SIGNAL/LIGHTING
— F — F —	WATER
— FM — FM —	FORCE MAIN
— FO — FO —	FIBER OPTIC
⊙	TBE TEST HOLE
⊙	END OF INFORMATION

UTILITY OWNERS	
NICOR - GAS	
AT&T - TELEPHONE / FIBER OPTIC	
COMED - ELECTRIC	
ABOVE NET - FIBER OPTIC	
VILLAGE OF DES PLAINES - WATER	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno in accordance with SUE Industry Standards. All other information shown has been provided to Cardno by others. Cardno's SUE field investigation was performed 1/29/16 through 2/10/16. Changes to utilities after 2/10/16 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



CWA
SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLETT, ILLINOIS 60431
(815) 744-3720 clausenwhitecwasurvey.com

TBE Job No. IL09510707, 712
SUE Plan Sheet: 1 of 2

Utility Quality Level "A": Visually Verified Test Hole	DESIGNED EG / IP	REVISED
Utility Quality Level "B": Designating/non Visually Verified Test Hole	DRAWN KLC	REVISED
Utility Quality Level "C": Research with Survey	CHECKED MGR	REVISED
Utility Quality Level "D": Records Research	DATE 2/23/16	REVISED

DESIGNED EG / IP	REVISED
DRAWN KLC	REVISED
CHECKED MGR	REVISED
DATE 2/23/16	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 58 at Wolf Rd. (Cumberland Circle)
Des Plaines, Illinois

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	N/A	Cook	186	75
Contract No. 62B16				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				

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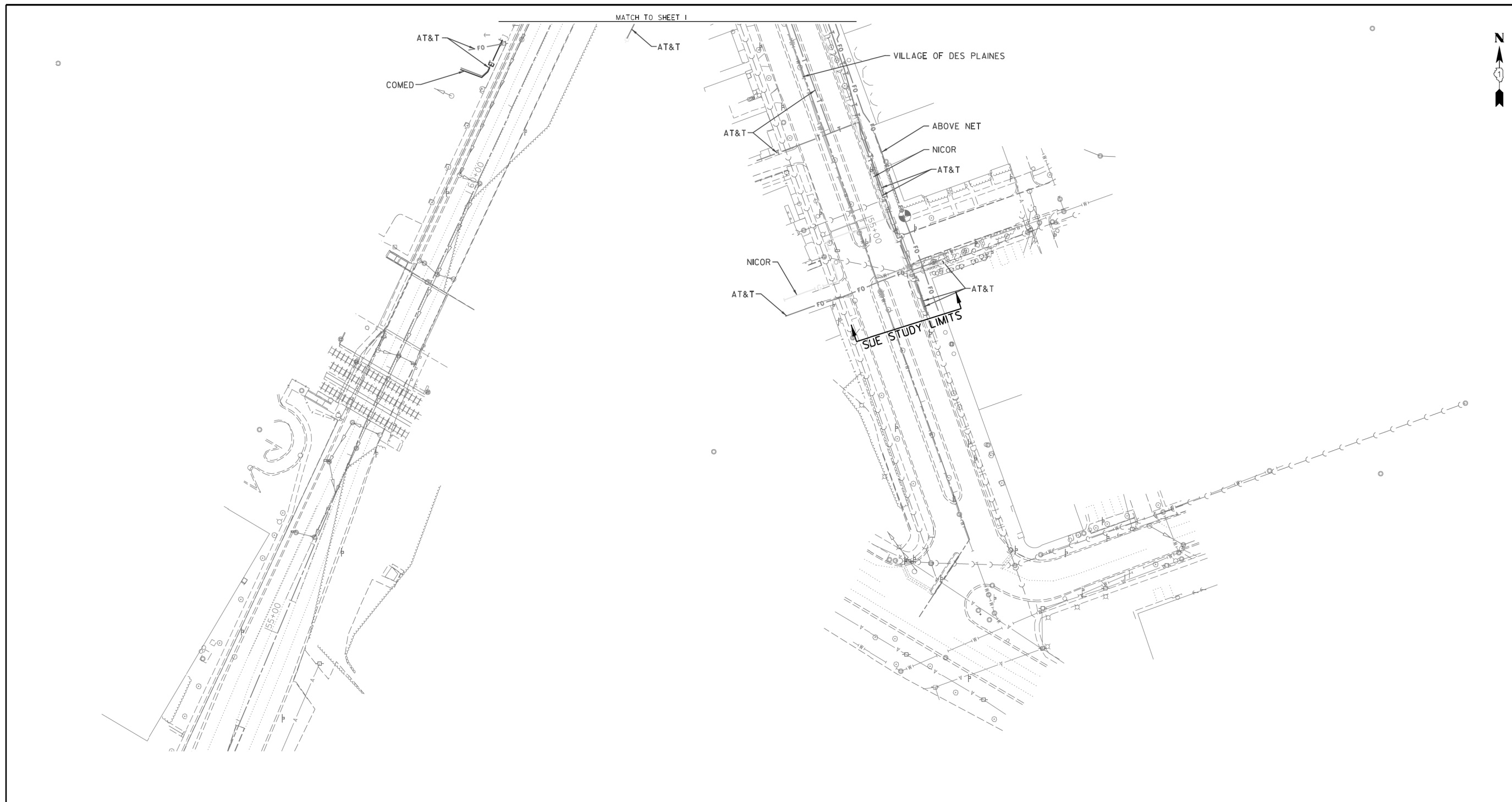
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	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2017	DATE - 10/17/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 58 (GOLF RD) AT WOLF RD SUE

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	75
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

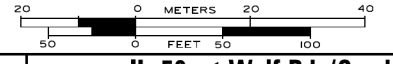


— A — A —	AERIAL
— U — U —	UNKNOWN
— O — O —	OIL
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— TS — TS —	TRAFFIC SIGNAL/LIGHTING
— W — W —	WATER
— FM — FM —	FORCE MAIN
— FO — FO —	FIBER OPTIC
⊕	TBE TEST HOLE
⊙	END OF INFORMATION

UTILITY OWNERS	
NICOR	- GAS
AT&T	- TELEPHONE / FIBER OPTIC
COMED	- ELECTRIC
ABOVE NET	- FIBER OPTIC
VILLAGE OF DES PLAINES	- WATER

Utilities shown on these plans as depicted in the legend have been investigated by Cardno in accordance with SUE Industry Standards. All other information shown has been provided to Cardno by others. Cardno's SUE field investigation was performed 1/29/16 through 2/10/16. Changes to utilities after 2/10/16 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



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SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLET, ILLINOIS 60431
(815) 744-3720 clausenwhitecwasurvey.com

TBE Job No. IL09510707, 712
SUE Plan Sheet: 2 of 2

Utility Quality Level "A": Visually Verified Test Hole	DESIGNED EG / IP	REVISED
Utility Quality Level "B": Designating/non Visually Verified Test Hole	DRAWN KLC	REVISED
Utility Quality Level "C": Research with Survey	CHECKED MGR	REVISED
Utility Quality Level "D": Records Research	DATE 2/23/16	REVISED

DESIGNED EG / IP	REVISED
DRAWN KLC	REVISED
CHECKED MGR	REVISED
DATE 2/23/16	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 58 at Wolf Rd. (Cumberland Circle)
Des Plaines, Illinois**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	N/A	Cook	186	76
Contract No. 62B16				
FED. ROAD DIST. NO. ILLINOIS DOT Project No.				

D:\1501-630-1007-CumberlandLandParcel\1501-630-1007-Sheets\0162B16-ant-081-SUE-2.dwg



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PLOT DATE = 10/20/2017	CHECKED -	REVISED -
	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RTE 58 (GOLF RD) AT WOLF RD SUE

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	76
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

EROSION AND SEDIMENT CONTROL NOTES

1. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE:
[HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control/).
2. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
4. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
5. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
6. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
7. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY STABILIZED AT ONE TIME.
8. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RESIDENT ENGINEER.
9. ESTABLISH TEMPORARY EROSION CONTROL AND ERECT PERIMETER EROSION CONTROL BARRIER AS SHOWN ON THE PLANS PRIOR TO EARTHWORK.
10. IMPLEMENT SEDIMENT AND EROSION CONTROL DEVICES FOR STOCKPILE AREAS REQUIRED.
11. CONSTRUCT CONSTRUCTION STAGING OF PROPOSED DRAINAGE FACILITIES AND INSTALL TEMPORARY DITCH CHECKS IMMEDIATELY AFTER DITCH GRADING IS COMPLETE. MAINTAIN EROSION CONTROL DEVICES AND ELEMENTS FOR THE ENTIRE DURATION OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.
12. INSTALL PERMANENT LANDSCAPING IN CONJUNCTION WITH CONSTRUCTION STAGING.
13. CLEAN DRAINAGE FACILITIES AND REMOVE TEMPORARY EROSION CONTROL DEVICES WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED.
14. ALL EXISTING TREES SHOWN ON THE PAVEMENT AND SHOULDER REMOVAL PLAN NEEDING TEMPORARY FENCE OR TREE TRUNK PROTECTION SHALL BE PROTECTED PER STANDARD SPECIFICATION 201.05 PROTECTION OF EXISTING PLANT MATERIAL.

P:\1501-630-107_CumberlandLevel\1501-630-107_Sheets\0162B16-ah-0109-eros-control-notes.dgn



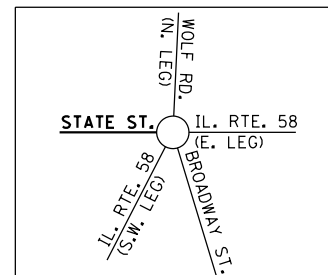
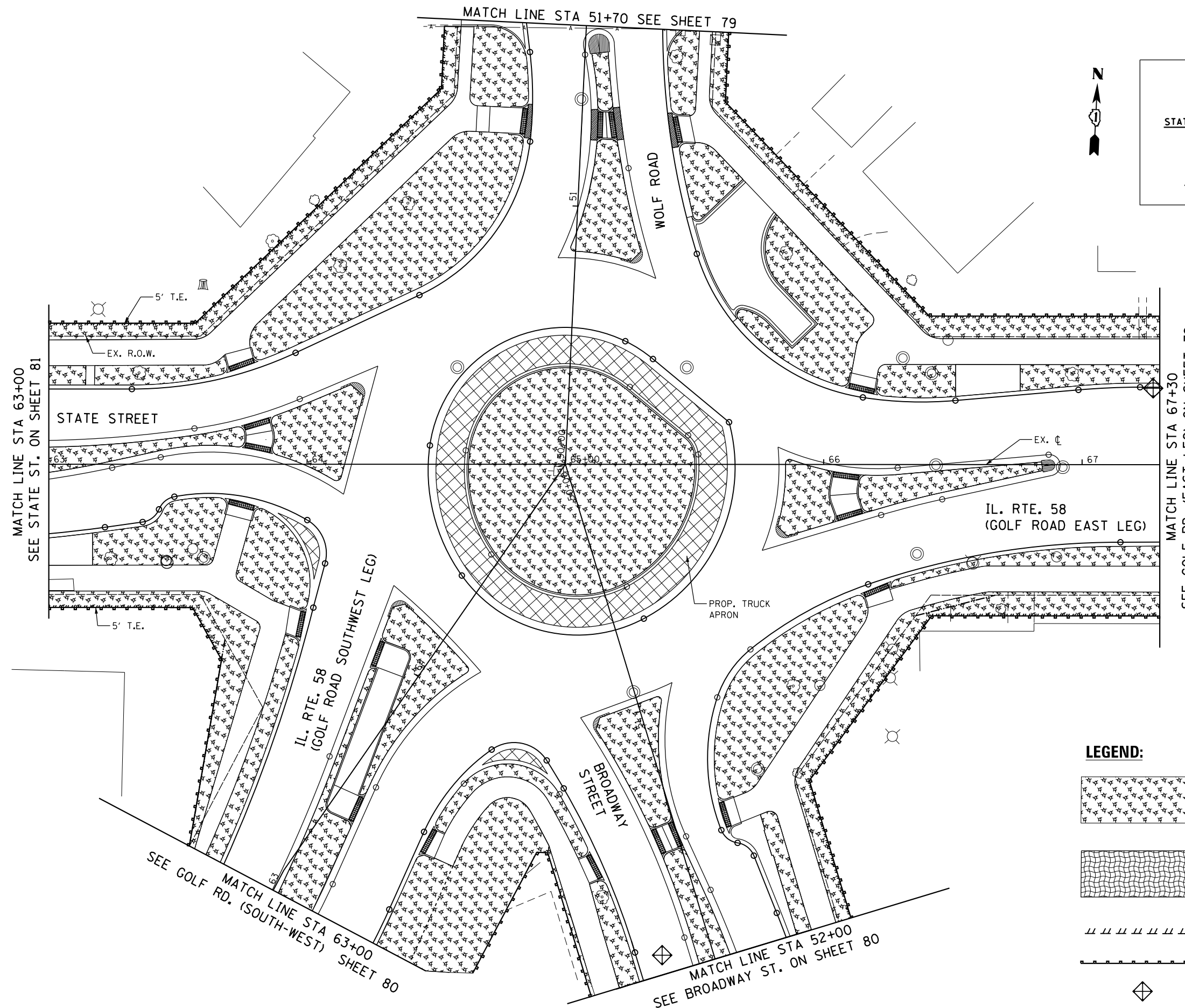
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



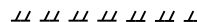
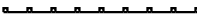

EROSION CONTROL NOTES

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	77
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



LEGEND:

-  TEMPORARY MULCH METHOD 2
-  EROSION CONTROL BLANKET
-  TEMPORARY EASEMENT
-  PERIMETER EROSION BARRIER
-  EROSION INLET AND PIPE PROTECTION

P:\1501-630-W07_CumberlandForest\1501-630-00_Sheets\1501-630-00-Roundabout.dgn
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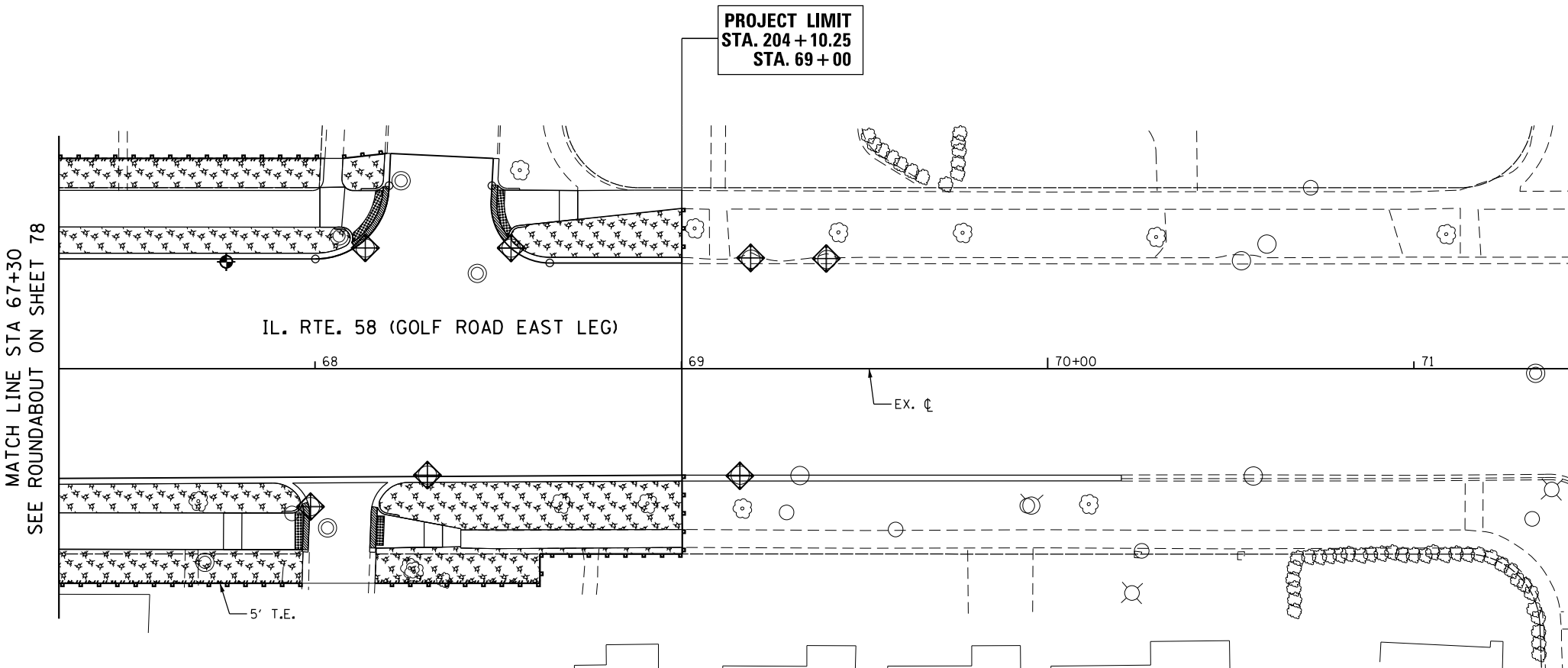
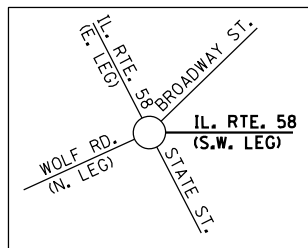
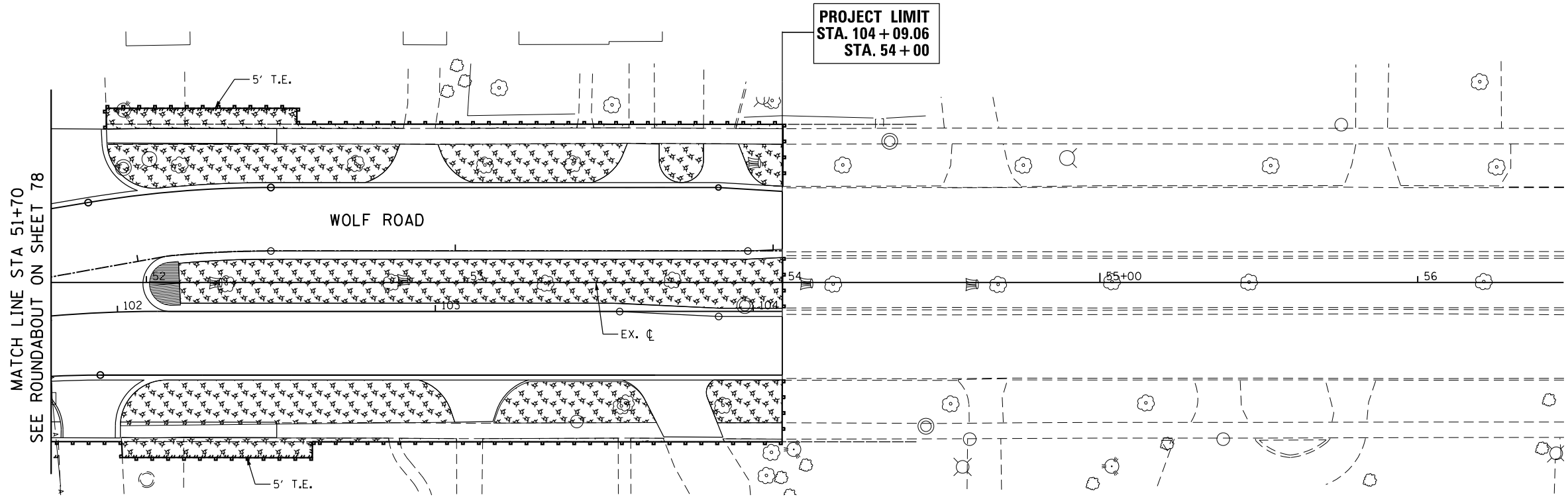
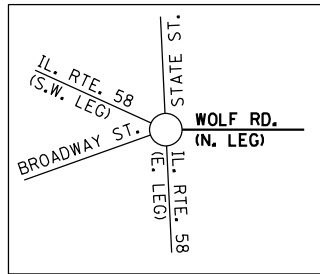


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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION & SEDIMENT CONTROL PLAN			
ROUNDABOUT			
SCALE:	SHEET 2	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	78
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



LEGEND:
SEE SHEET 78

NOTES:
SEE SHEET 77

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 DRAWN - EA
 CHECKED - DA
 DATE - 10/17/2017

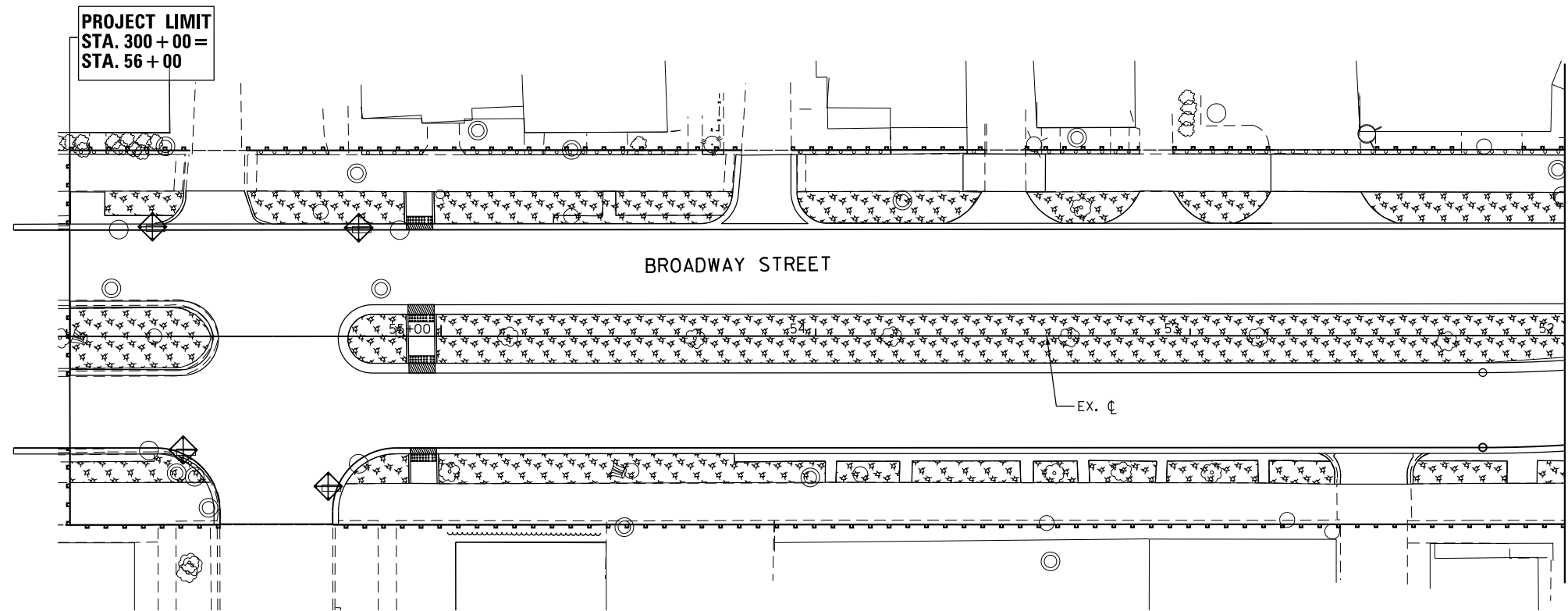
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

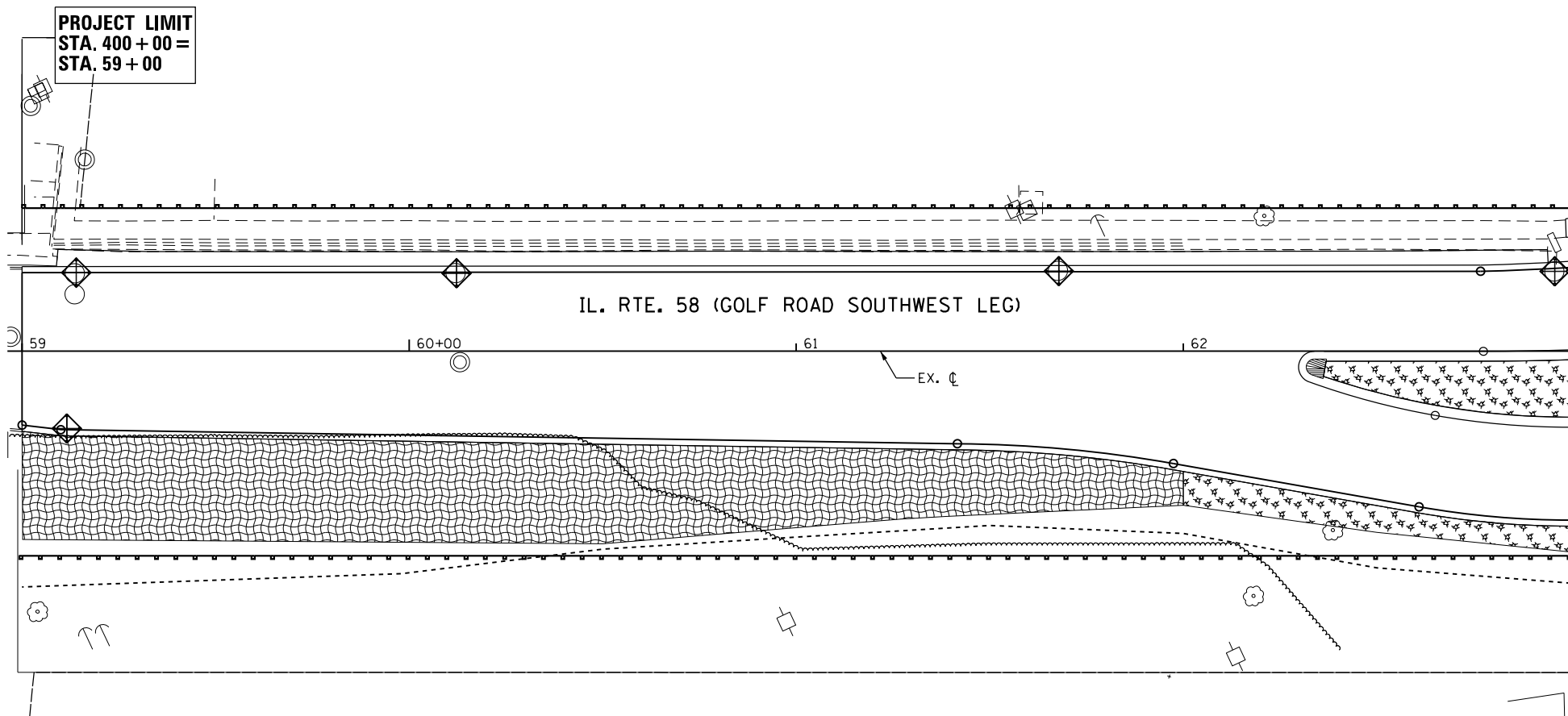
EROSION & SEDIMENT CONTROL
 WOLF RD. & GOLF RD. (EAST)

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

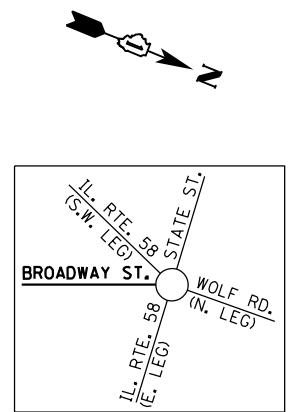
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	79
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 52+00
SEE ROUNDABOUT ON SHEET 78

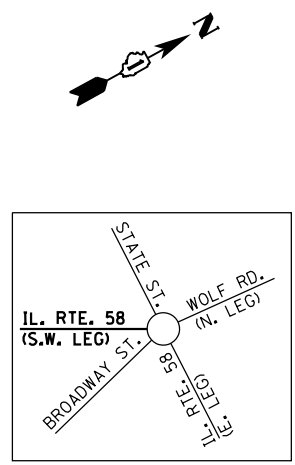


MATCH LINE STA 63+00
SEE ROUNDABOUT ON SHEET 78



LEGEND:
SEE SHEET 78

NOTES:
SEE SHEET 77



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL PLAN	
BROADWAY ST. & GOLF RD. (WEST)	
SCALE:	SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 80
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

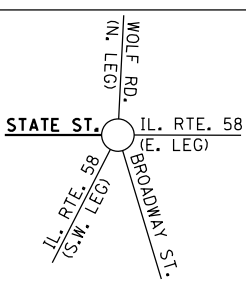
LEGEND:
SEE SHEET 78

NOTES:
SEE SHEET 77

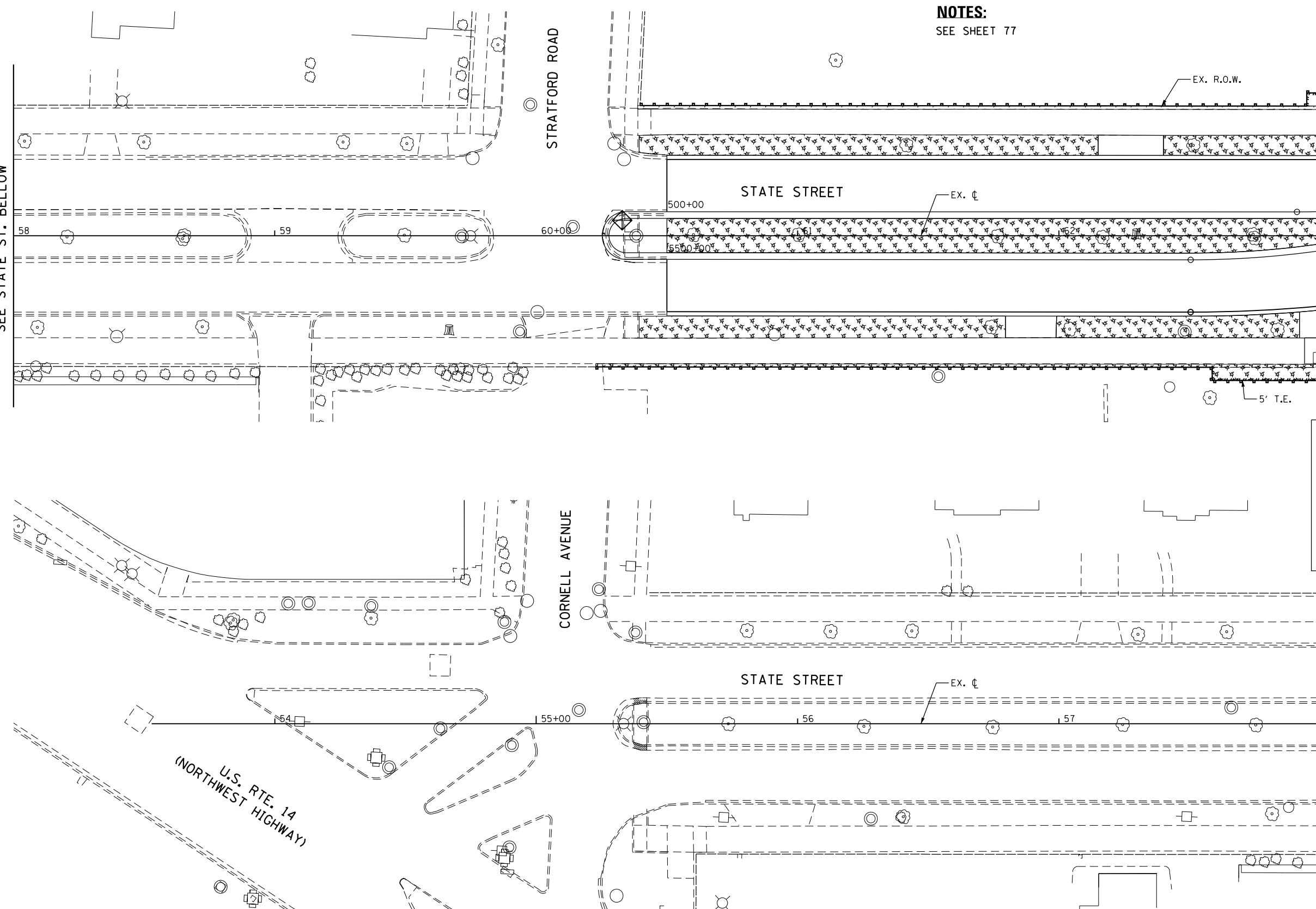


MATCH LINE STA 58+00
SEE STATE ST. BELOW

MATCH LINE STA 63+00
SEE ROUNDABOUT ON SHEET 78



MATCH LINE STA 58+00
SEE STATE ST. ABOVE



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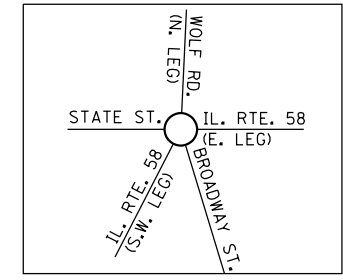
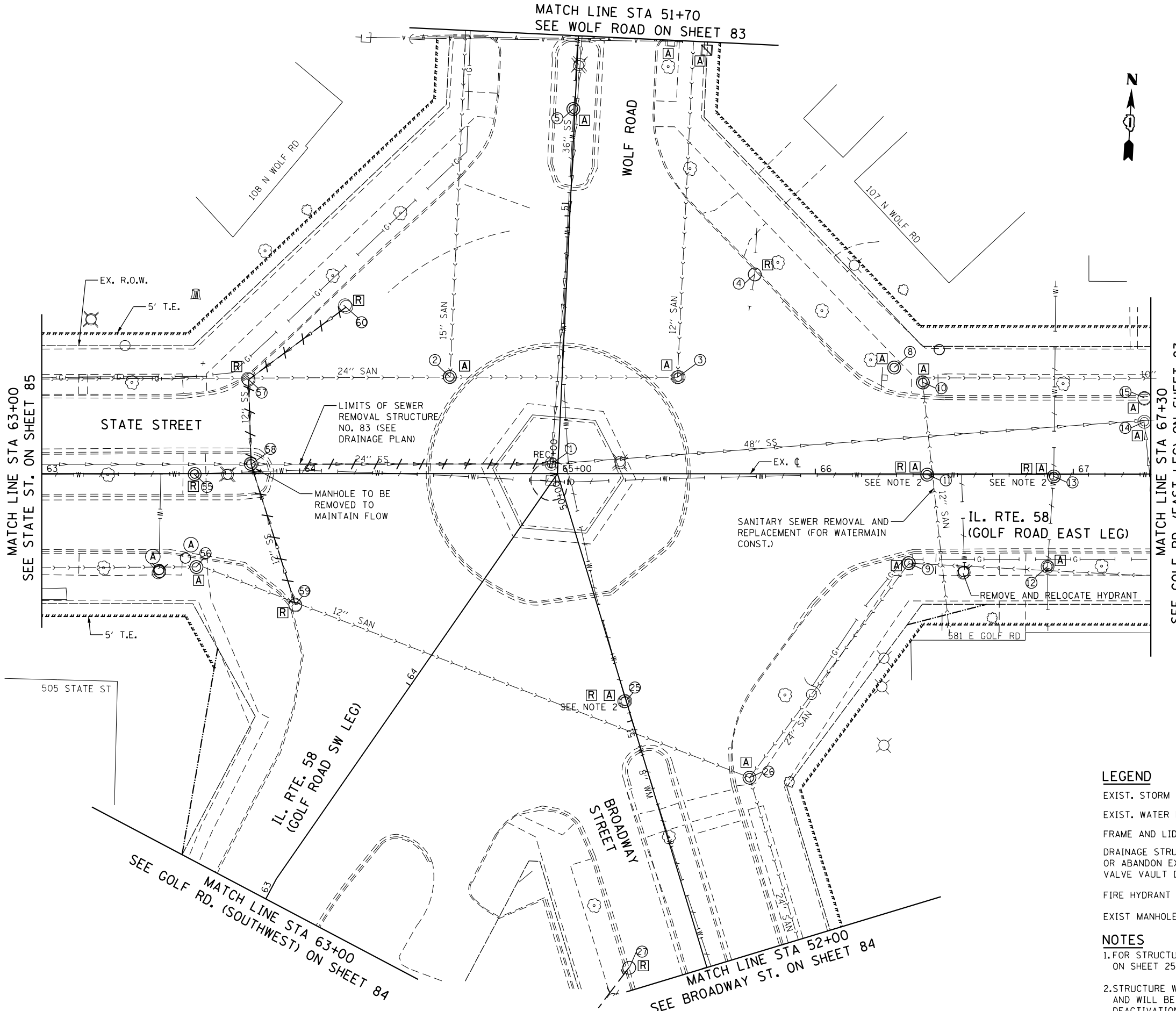
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION & SEDIMENT CONTROL PLAN
STATE ST.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	81
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 51+70
SEE WOLF ROAD ON SHEET 83



MATCH LINE STA 63+00
SEE STATE ST. ON SHEET 85

MATCH LINE STA 67+30
SEE GOLF RD. (EAST LEG) ON SHEET 83

MATCH LINE STA 63+00
SEE GOLF RD. (SOUTHWEST) ON SHEET 84

MATCH LINE STA 52+00
SEE BROADWAY ST. ON SHEET 84

LEGEND

- EXIST. STORM SEWER REMOVE OR ABANDON
- EXIST. WATER REMOVE OR ABANDON
- FRAME AND LIDS TO BE ADJUSTED
- DRAINAGE STRUCTURE TO BE REMOVED OR ABANDON EXITING VALVE AND VALVE VAULT DES PLAINES
- FIRE HYDRANT TO BE ADJUSTED
- EXIST MANHOLE TO BE RECONSTRUCTED

NOTES

1. FOR STRUCTURES TO BE ADJUSTED OR REMOVED, SEE SCHEDULE ON SHEET 25.
2. STRUCTURE WILL BE ADJUSTED DURING STAGE CONSTRUCTION AND WILL BE REMOVED AFTER EXISTING WATERMAIN DEACTIVATION.

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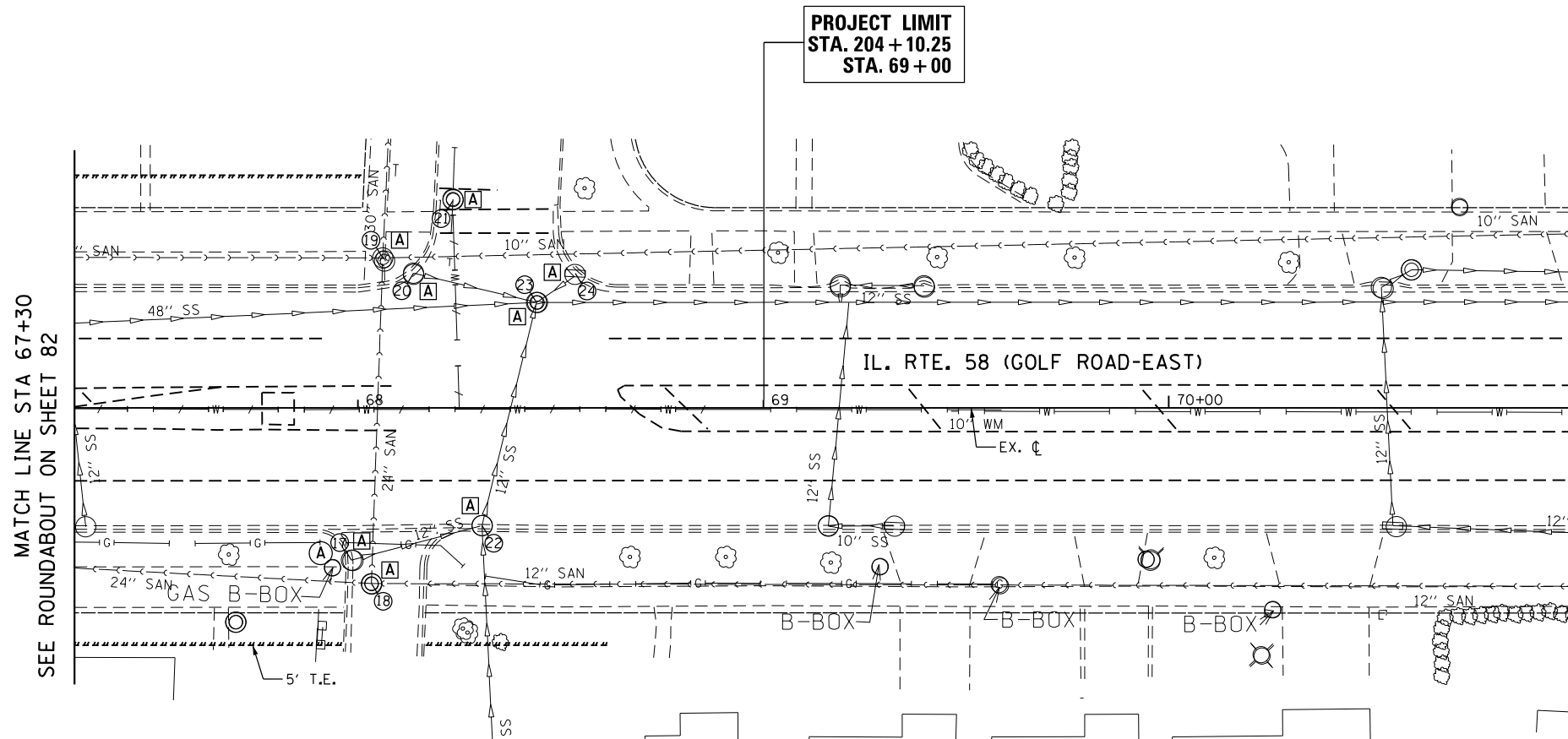
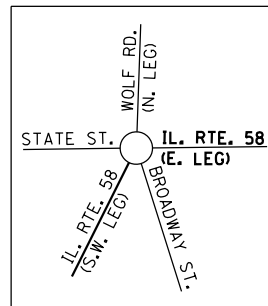
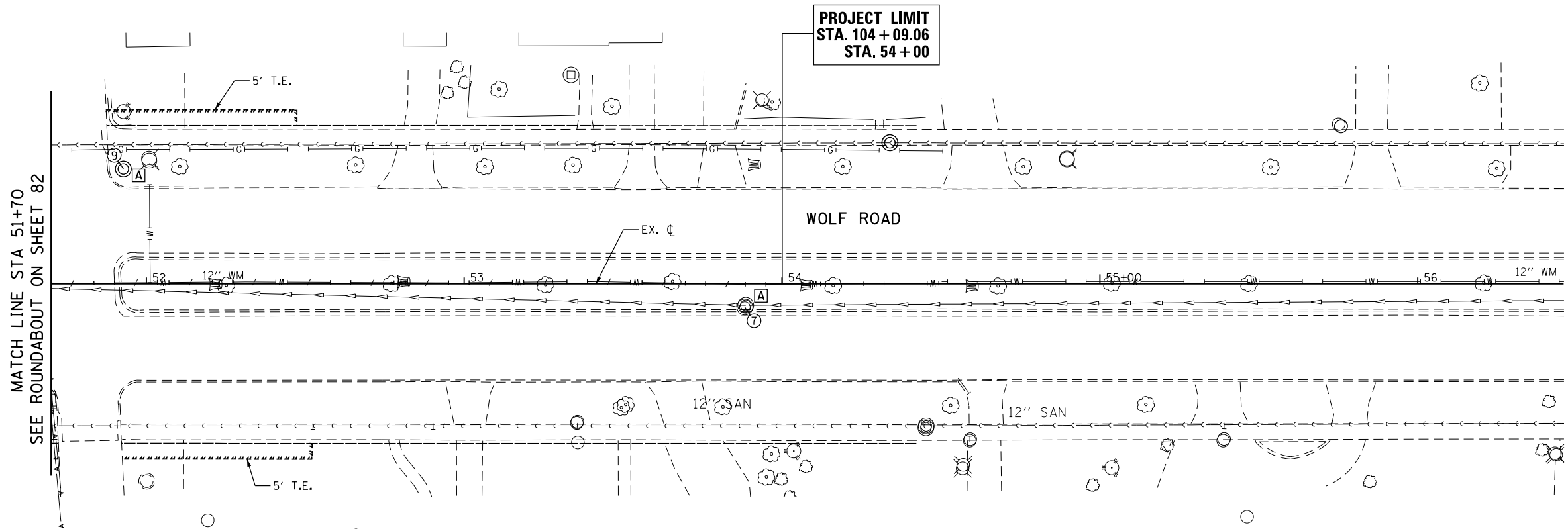
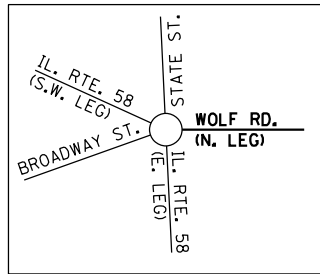
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PLOT DATE = 12/4/2017	DATE - 10/17/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING UTILITY PLAN
ROUNDBOUT

SCALE: SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	82
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



LEGEND

- FRAME AND LIDS TO BE ADJUSTED [A]
- DRAINAGE STRUCTURE TO BE REMOVED OR ABANDON EXISTING VALVE AND VALVE VAULT DES PLAINES [R]
- FIRE HYDRANT TO BE ADJUSTED [A]

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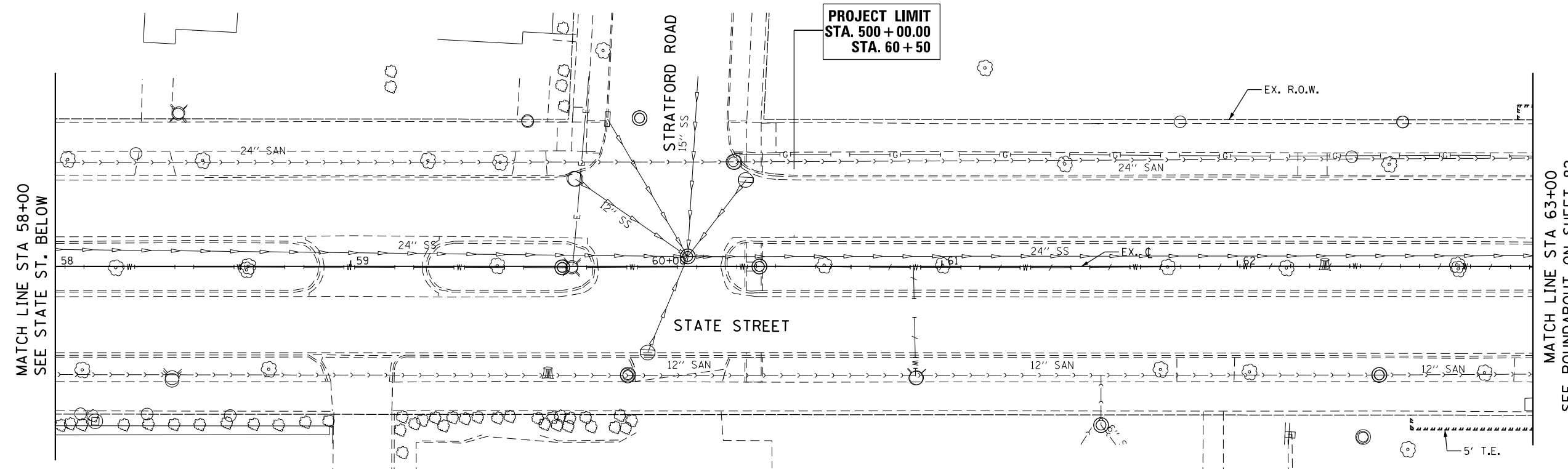


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

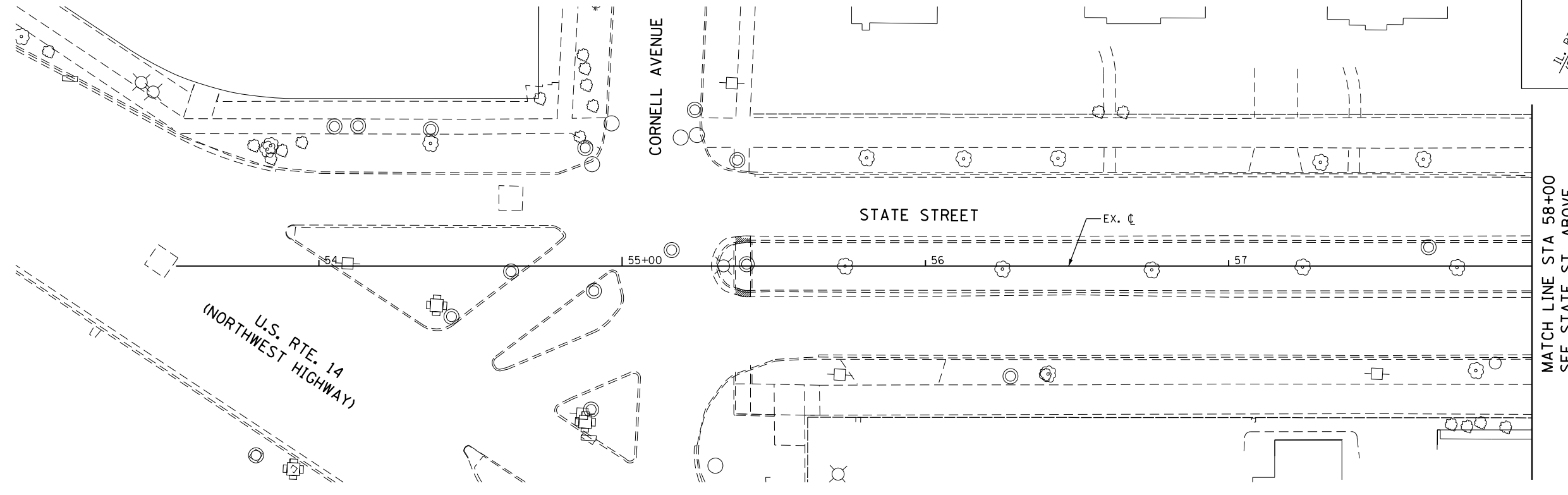
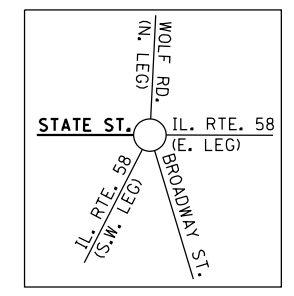
EXIST. UTILITY PLAN WOLF RD. & GOLF RD. (EAST)			
SCALE:	SHEET 2	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	83
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 58+00
SEE STATE ST. BELOW

MATCH LINE STA 63+00
SEE ROUNDABOUT ON SHEET 82



MATCH LINE STA 58+00
SEE STATE ST. ABOVE



P:\1501-630-W07-Cumberland\Level 1a\14000_Sheets\0162B16-ah-103-Draft\exam-Station.dgn



USER NAME = ahmad.issa	DESIGNED - EA	REVISED - 12/01/2017
DRAWN - EA	REVISOR -	
PLOT SCALE = 40.0000' / in.	CHECKED - DA	REVISOR -
PLOT DATE = 12/4/2017	DATE - 10/17/2017	REVISOR -

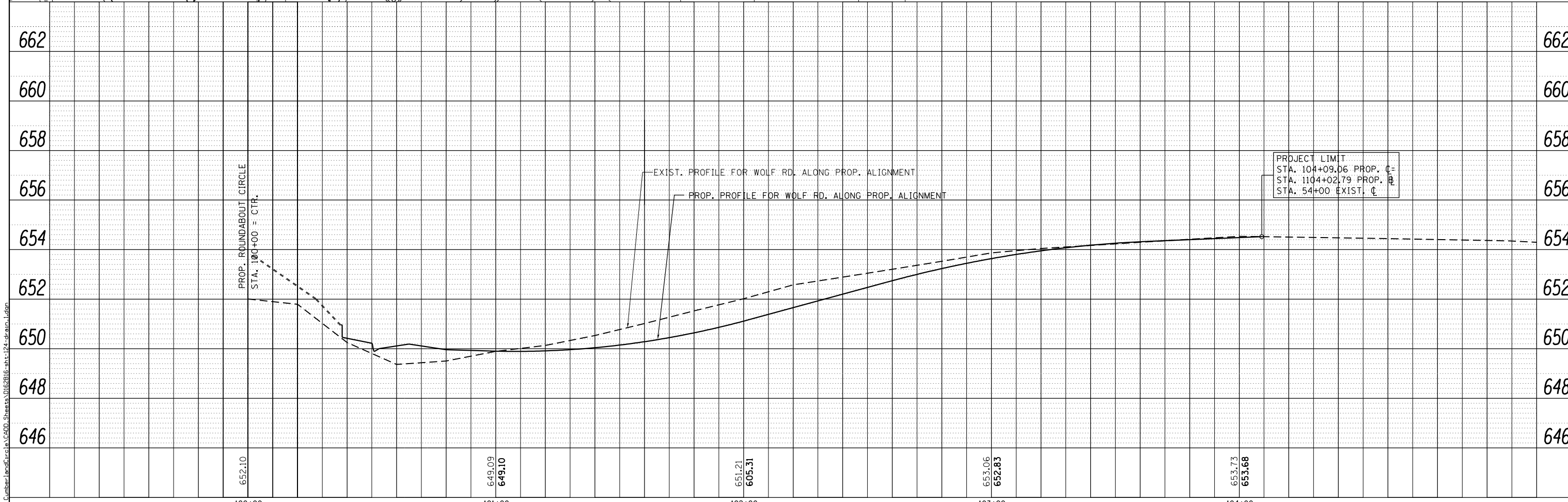
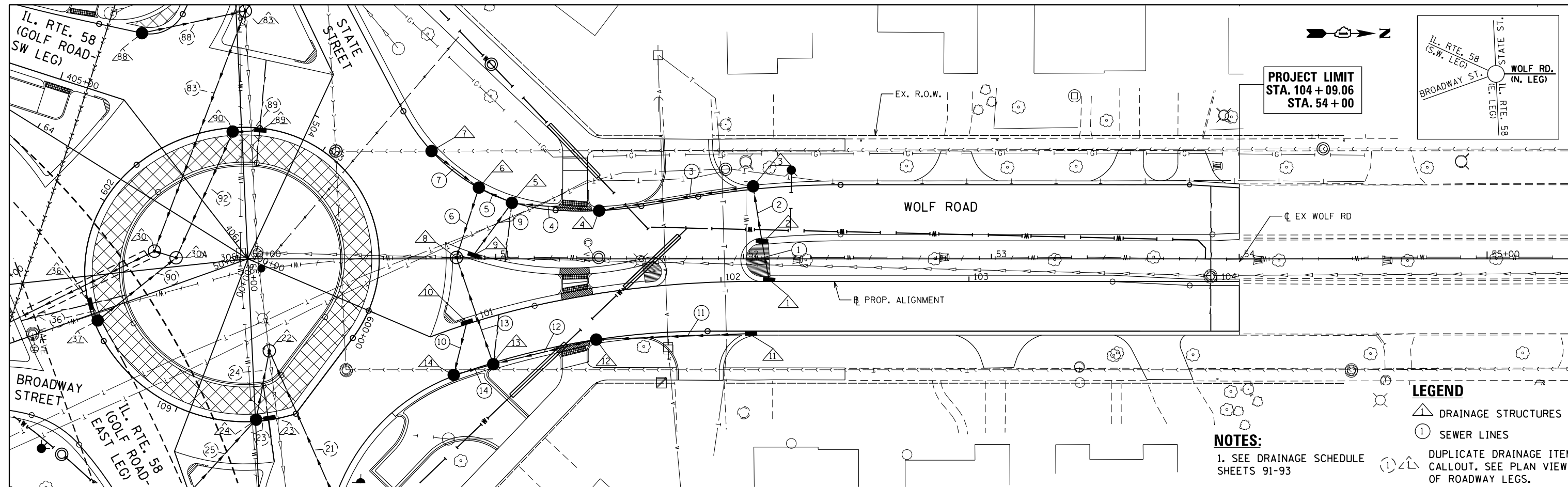
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXIST. UTILITY PLAN	
STATE ST.	
SCALE:	SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	85
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	BY _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIS	
	CHFD	
	NO. _____	
	BY _____	



100+00	101+00	102+00	103+00	104+00
652.10	649.09 649.10	651.21 605.31	653.06 652.83	653.73 653.68



USER NAME = ahmad.issa	DESIGNED - DA	REVISED - 12/01/2017
DRAWN - EA	CHECKED - JMG	REVISED -
DATE - 10/17/2017	REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

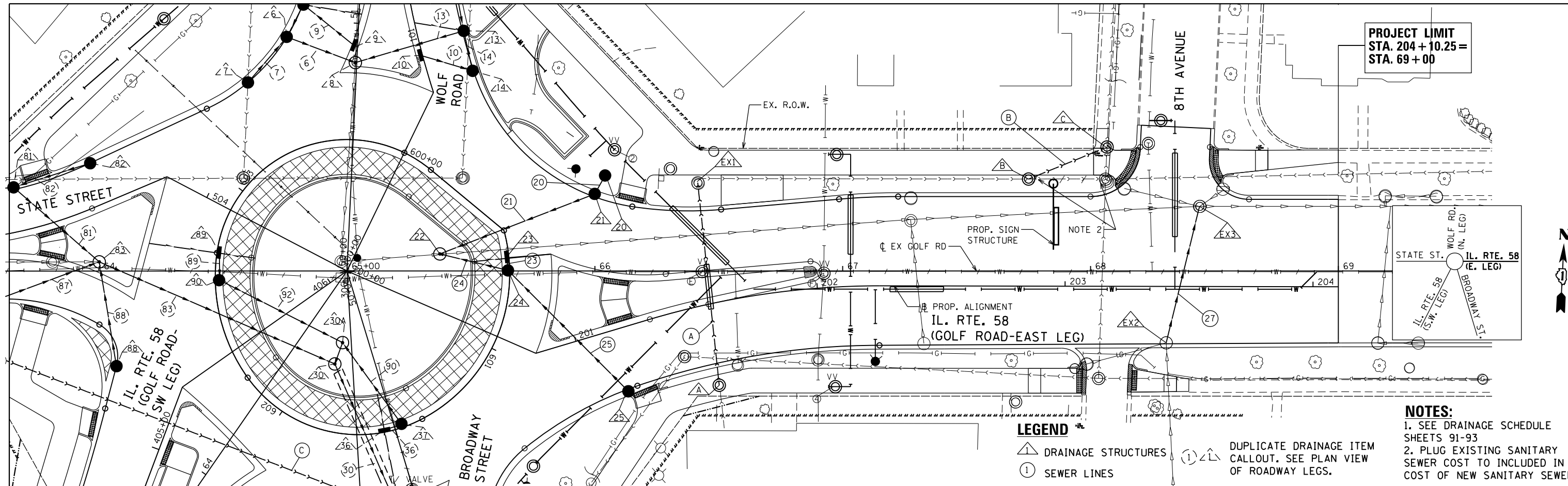
PROPOSED DRAINAGE & UTILITIES PLAN & PROFILE
WOLF RD.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 86
CONTRACT NO. 62B16				

P:\1501-630-WP-Cumberland\c:\p1501-630\Drawings\1501-630-124-drain.dwg

PLAN	SURVEYED	DATE
	NOTED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	NOTED	
	CHECKED	
	FILED	
	NO.	

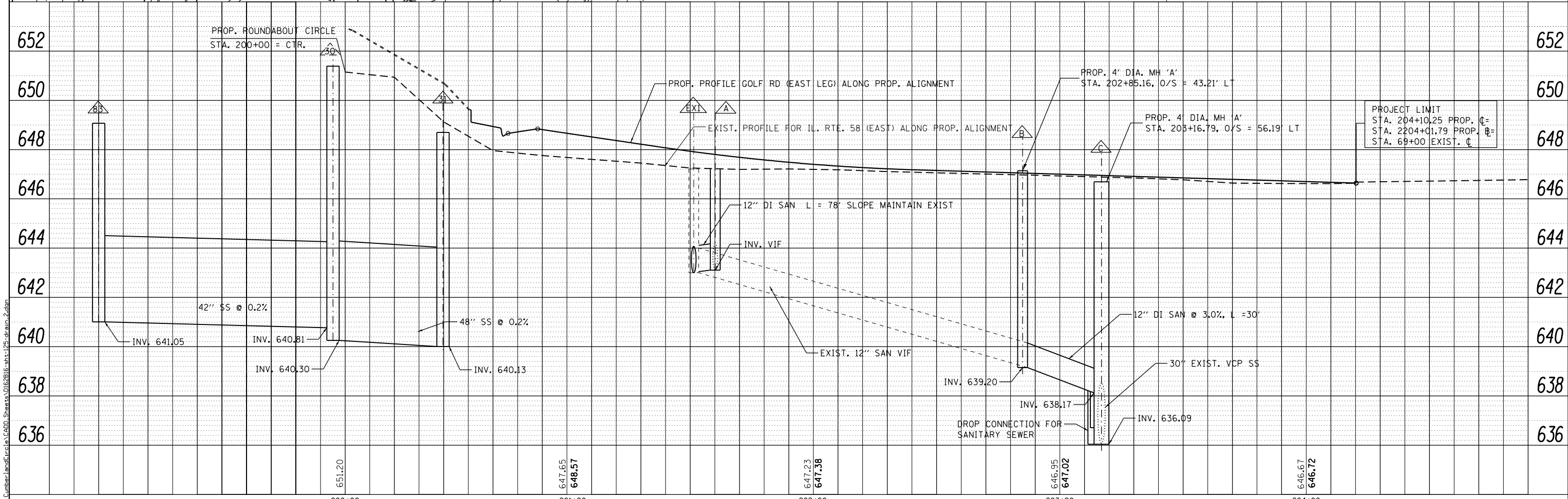


PROJECT LIMIT
STA. 204 + 10.25 =
STA. 69 + 00

LEGEND

- ▲ DRAINAGE STRUCTURES
- SEWER LINES
- ① ∠ L DUPLICATE DRAINAGE ITEM CALLOUT. SEE PLAN VIEW OF ROADWAY LEGS.

- NOTES:**
1. SEE DRAINAGE SCHEDULE SHEETS 91-93
 2. PLUG EXISTING SANITARY SEWER COST TO INCLUDED IN COST OF NEW SANITARY SEWER



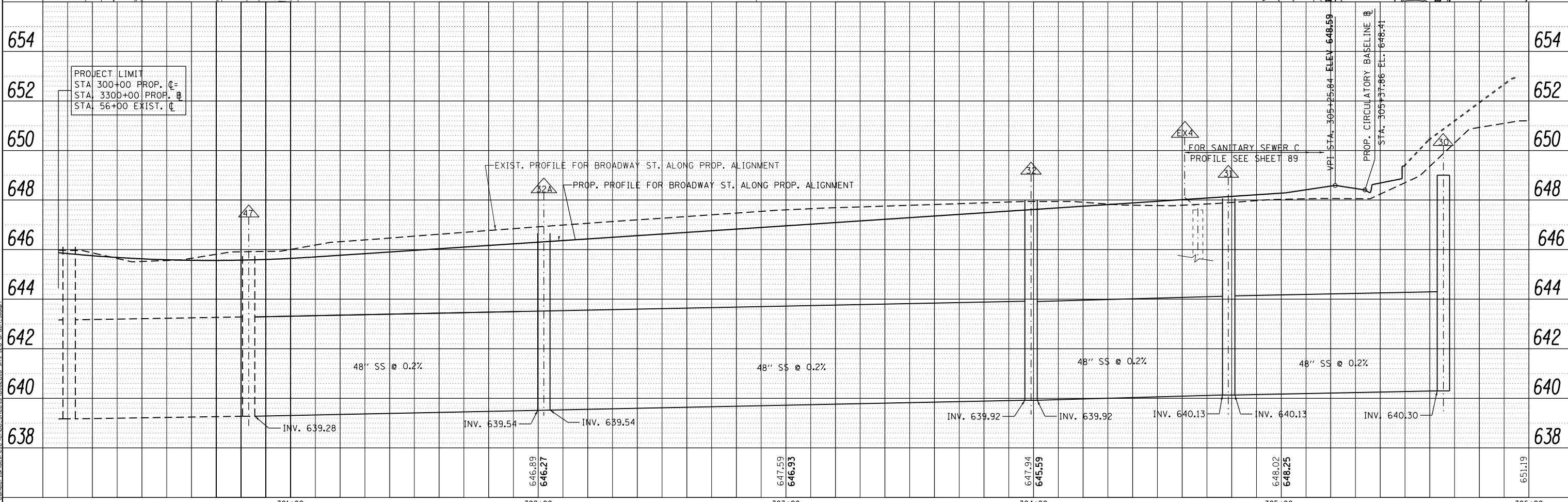
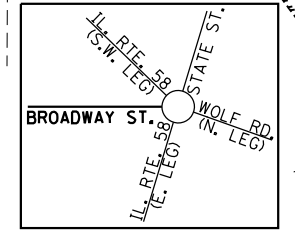
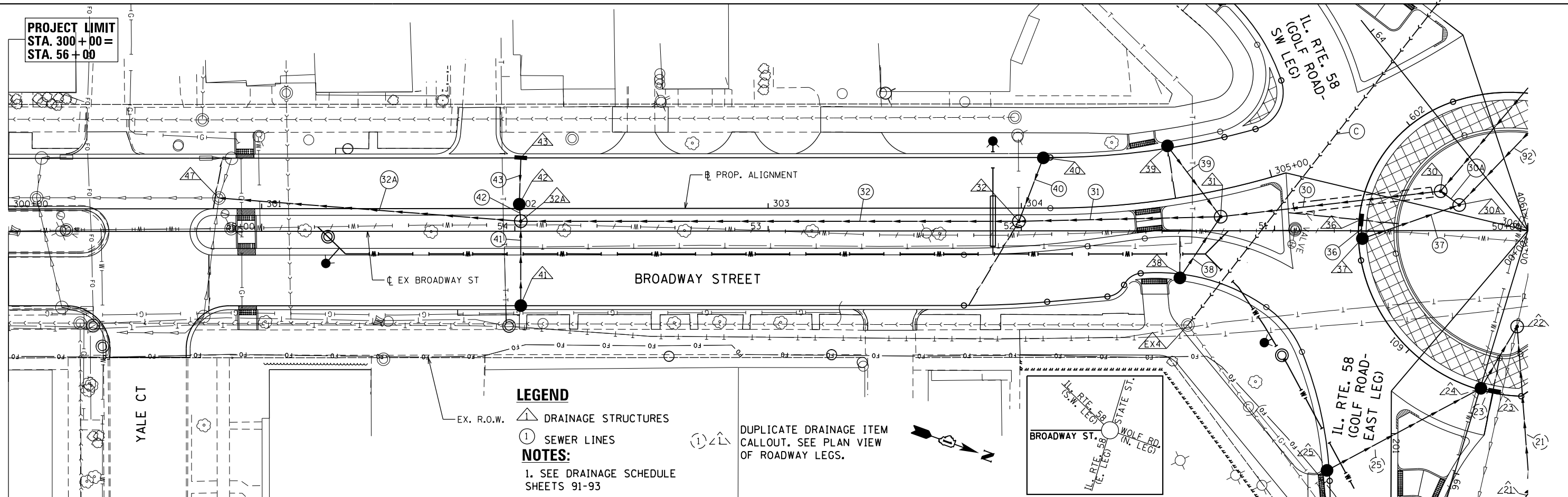
PROJECT LIMIT
STA. 204+10.25 PROP. CL =
STA. 2204+01.79 PROP. CL =
STA. 69+00 EXIST. CL =

	USER NAME = ahmad.issa	DESIGNED - DA	REVISED - 12/01/2017	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE AND UTILITIES PLAN & PROFILE GOLF RD. - EAST LEG		F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 87		
	PLOT SCALE = 48.0000' / in.	CHECKED - JMG	REVISED -		SCALE: SHEET 6 OF 12 SHEETS STA. TO STA.		CONTRACT NO. 62B16						
	PLOT DATE = 12/4/2017	DATE - 10/17/2017	REVISED -		ILLINOIS FED. AID PROJECT								

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
PLANNING	
DESIGN	
CONSTRUCTION	
OPERATION	

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
PLANNING	
DESIGN	
CONSTRUCTION	
OPERATION	

PROJECT LIMIT
STA. 300+00 =
STA. 56+00



PROJECT: 1501-638-WD7-CumbarLandUse-CAAD-Shares-10/28/16-ah-t-126-draw-3.dgn
 USER: hbm\jmg
 DATE: 12/1/2017



USER NAME = Kendrabant	DESIGNED - DA	REVISED - 12/01/2017
	DRAWN - EA	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISED -

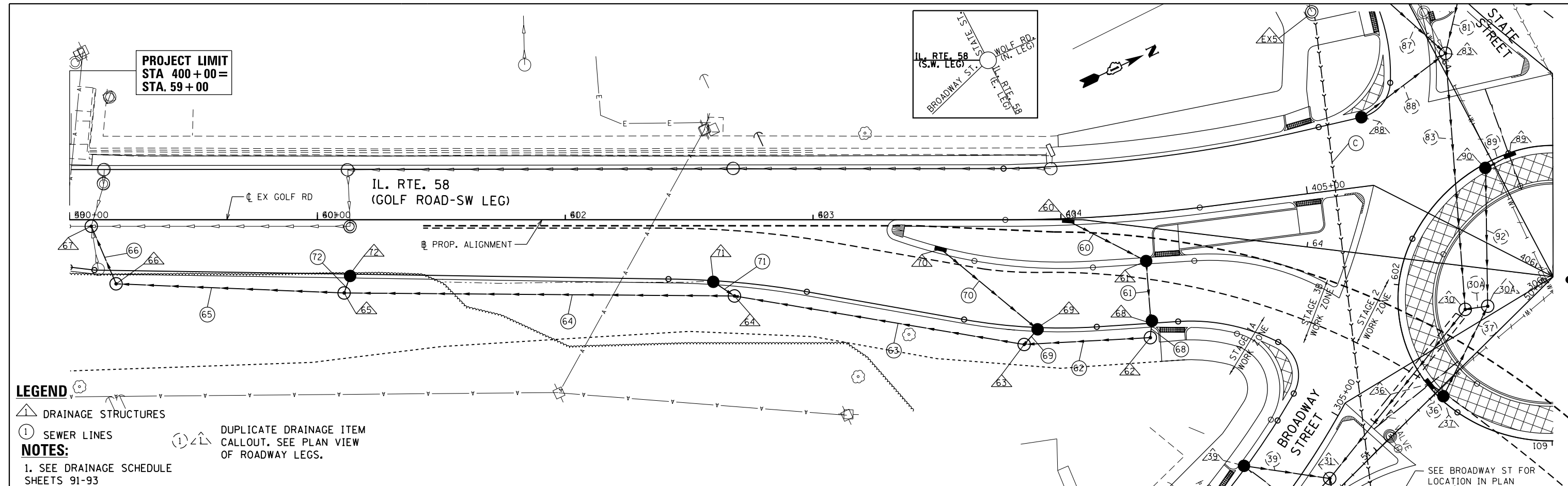
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE & UTILITIES PLAN & PROFILE	
BROADWAY ST.	
SCALE:	SHEET 7 OF 12 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 88
CONTRACT NO. 62B16			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILED
	NO. _____
	FILE NAME _____

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS OK'D
	NO. _____
	FILE NAME _____

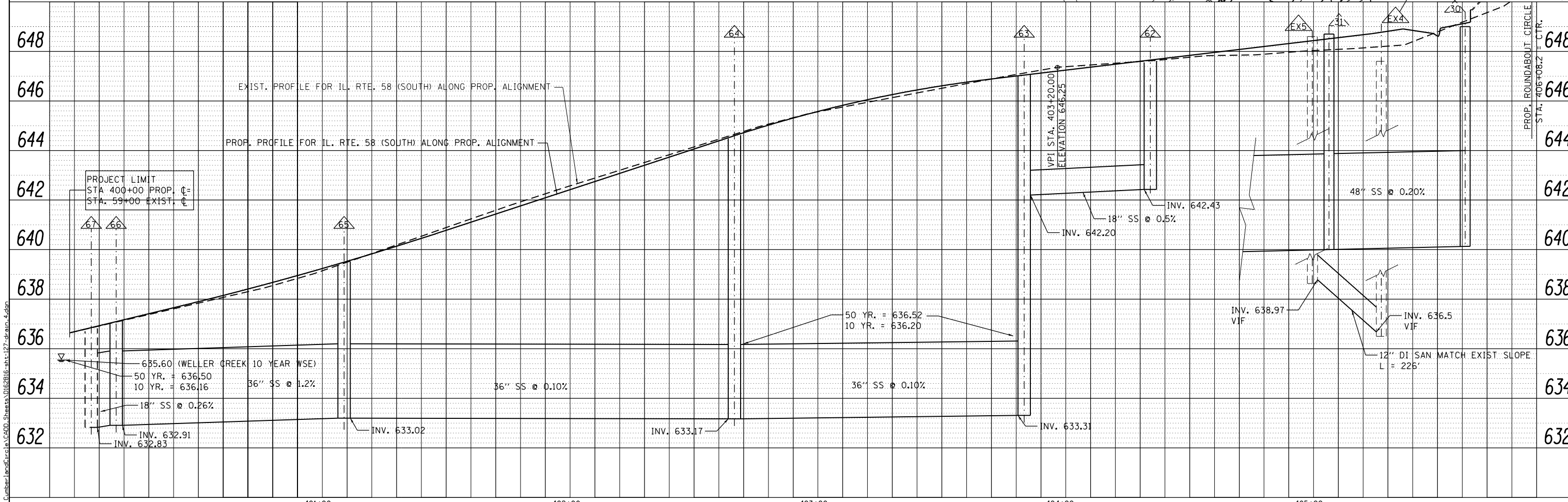


LEGEND

- ▲ DRAINAGE STRUCTURES
- ① SEWER LINES
- ① ▲ DUPLICATE DRAINAGE ITEM CALLOUT. SEE PLAN VIEW OF ROADWAY LEGS.

NOTES:

- SEE DRAINAGE SCHEDULE SHEETS 91-93



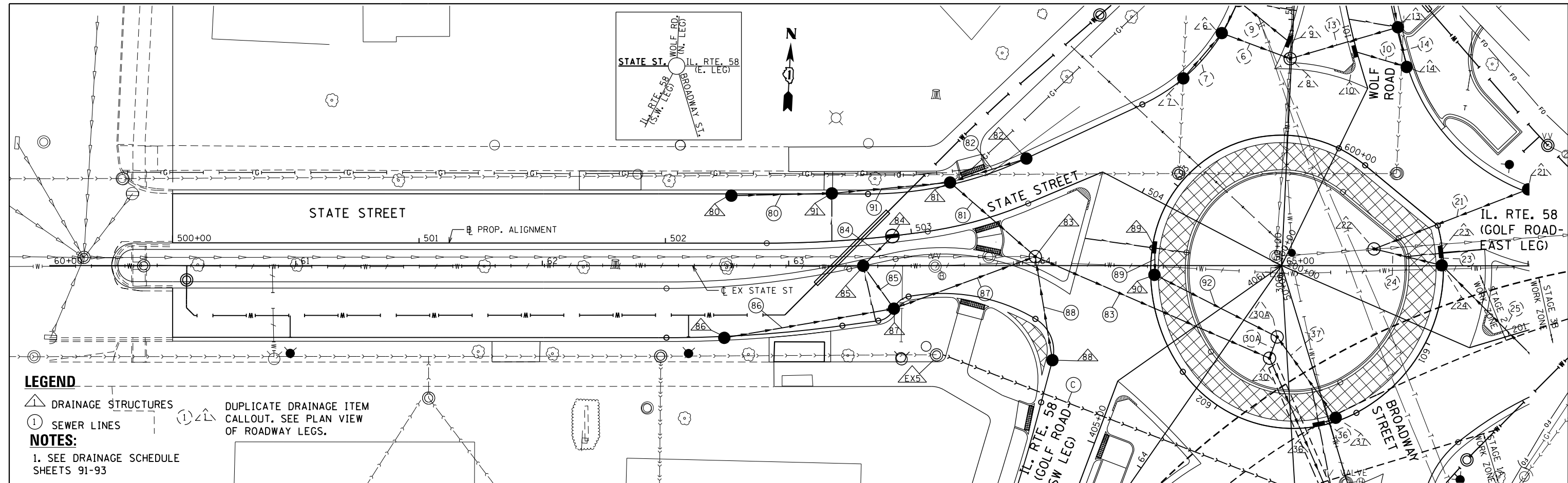
HBM ENGINEERING GROUP, LLC	USER NAME = KenDrabant	DESIGNED - DA	REVISED - 12/01/2017	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN & UTILITIES & PROFILE GOLF RD. (SOUTHWEST LEG)	F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 89	
	PLOT SCALE = 48.0000' / in.	CHECKED - JMG	REVISED -			CONTRACT NO. 62B16					
	PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: SHEET 8 OF 12 SHEETS STA. TO STA.

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

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

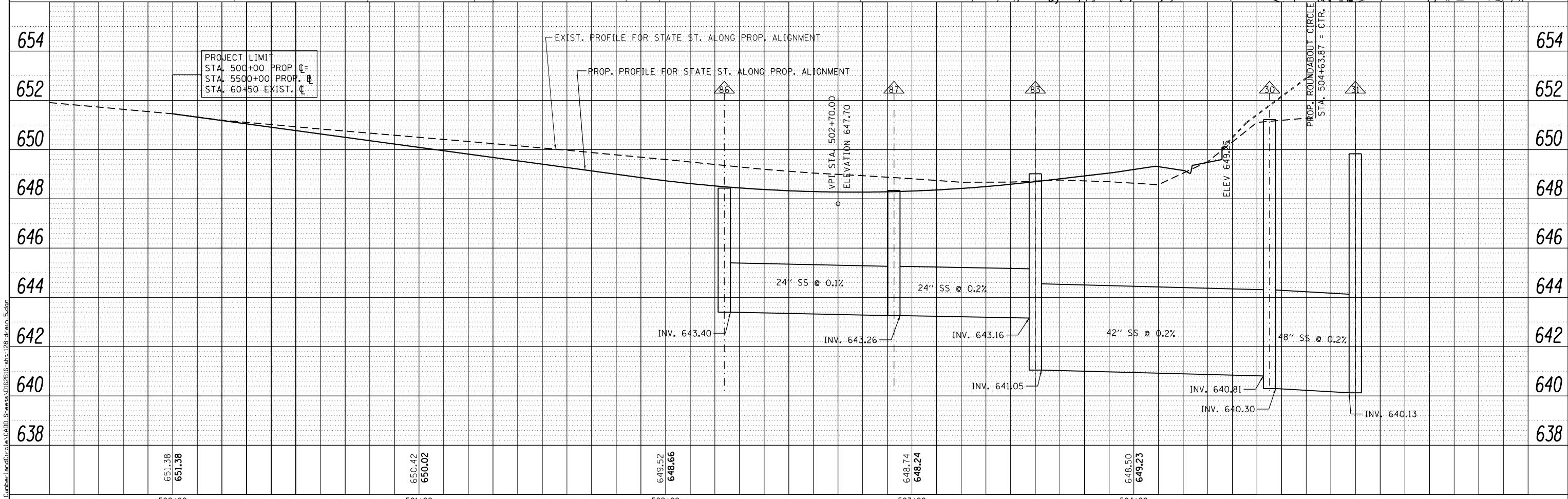


LEGEND

▲ DRAINAGE STRUCTURES
 ① SEWER LINES
 (1)▲ DRAINAGE STRUCTURE CALLOUT. SEE PLAN VIEW OF ROADWAY LEGS.

NOTES:

1. SEE DRAINAGE SCHEDULE SHEETS 91-93



500+00	501+00	502+00	503+00	504+00
651.38 651.38	650.42 650.02	649.52 648.66	648.74 648.24	648.50 649.23



USER NAME = Kenndrabant	DESIGNED - DA	REVISED - 12/01/2017
	DRAWN - EA	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN & UTILITIES & PROFILE
IL. RTE. 58 AT STATE ST.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 90
CONTRACT NO. 62B16				

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ILLINOIS FED. AID PROJECT

DRAINAGE STRUCTURE SCHEDULE

STREET	STRUCTURE NUMBER	STATION ***	OFFSET * ***	STRUCTURE TYPE **	PAY ITEMS	RIM ELEV. *	STORM SEWER INVERT				REMARKS
							NORTH	SOUTH	EAST	WEST	
WOLF	1	52+10.32	9.14 RT	INLETS, TYPE A, TYPE 24 FRAME AND GRATE.	60237470	650.84				645.37	
	2	52+07.20	8.37 LT	INLETS, TYPE A, TYPE 24 FRAME AND GRATE.	60237470	650.67			645.31	645.06	
	3	52+03.95	28.14 LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME & GRATE.	60201205	650.24		644.96	644.96		
	4	51+41.71	19.51 LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME & GRATE.	60201205	648.90	644.65	644.40			
	5	51+06.60	22.94 LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME & GRATE.	60201310	648.72	644.26	644.26	645.08		
	6	50+93.15	28.67 LT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	60205010	648.72	644.20	644.45	643.70		
	7	50+74.09	43.53 LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME & GRATE.	60201310	648.55	644.55				
	8	50+84.13	0.62 LT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224459	649.73	640.52	640.52	643.76	643.58	
	9	50+91.54	2.19 LT	INLETS, TYPE A, TYPE 24 FRAME AND GRATE.	60237470	649.20				645.20	
	10	50+88.30	26.35 RT	INLETS, TYPE A, TYPE 24 FRAME AND GRATE.	60237470	649.11			645.11		
	11	52+02.92	29.14 RT	INLETS, TYPE A, TYPE 12 FRAME AND GRATE.	60236900	650.29		645.47			
	12	51+40.51	32.53 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME & GRATE.	60201205	648.93	645.16	644.91			
	13	50+98.80	41.93 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME & GRATE.	60201310	648.73	644.73	644.71		643.96	
	14	50+83.17	47.12 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME & GRATE.	60201310	648.79	644.77			645.02	
IL 58 GOLF RD (EAST LEG)	20	66+04.19	38.55 LT	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID.	60206905	647.78		643.77			
	21	65+99.53	30 LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME & GRATE.	60201310	648.25	643.72	643.47			
	22	65+37.44	6.86 LT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224459	651.54	643.16	643.42	640.16	640.16	
	23	65+65.30	5.55 LT	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE	X6024502	648.88		644.88			NEENAH R-3501-R FRAME AND GRATE OR APPROVED EQUAL
	24	65+65.63	0.29 LT	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	X6022712	648.86	644.87		643.53	643.53	NEENAH R-3501-R FRAME AND GRATE OR APPROVED EQUAL
	25	66+13.23	47.76 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME & GRATE.	60201340	647.86				643.86	
	30	50+34.49	15.61 RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224459	651.09	644.19	640.30		640.81	
BROADWAY STREET	30A	50+27.14	10.15 RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60221100	651.58		644.21	644.21	644.21	
	31	51+21.35	5.56 RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224459	648.70	640.13	640.13	643.66	643.41	
	32	52+01.00	3.79 RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224459	648.08	639.92	639.92		643.16	
	32A	53+97.73	3.94 RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224459	646.65	639.54	639.54	641.58	641.50	
	36	50+66.66	4.33 RT	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE	X6024502	648.42			644.42		NEENAH R-3501-R FRAME AND GRATE OR APPROVED EQUAL
	37	50+66.90	3.2 LT	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	X6022712	648.44	644.40		644.40		NEENAH R-3501-R FRAME AND GRATE OR APPROVED EQUAL
	38	51+37.25	17.03 LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME & GRATE.	60201340	647.77				643.77	
	39	51+42.35	33.52 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME & GRATE.	60201340	647.57			643.57		
	40	51+91.36	28.98 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME & GRATE.	60201205	647.26			643.26		
	41	53+97.73	29.35 LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME & GRATE.	60201205	645.63				641.63	
	42	53+98.25	10.07 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME & GRATE.	60201340	646.27			641.52	641.77	
	43	53+97.68	28.94 RT	INLETS, TYPE A, TYPE 12 FRAME AND GRATE.	60236900	645.87			641.87		
	47	55+16.90	13.2 RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224459	645.47	639.28				
	IL 58 GOLF RD (SOUTH-WEST LEG)	60	63+02.97	0.52 LT	INLETS, TYPE A, TYPE 24 FRAME AND GRATE.	60237470	647.23	643.23			
61		63+36.41	14.58 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME & GRATE.	60201340	647.57		643.05	642.80		
62		63+41.58	43.9 RT	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224446	647.54		642.43		642.67	
63		62+85.15	50.28 RT	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224446	646.97	642.20	633.31		642.03	
64		61+68.25	30.7 RT	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224446	644.60	633.17	633.17		640.07	
65		60+10.74	29.5 RT	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224446	639.50	633.02	633.02		634.98	
66		59+18.83	25.81 RT	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224446	637.20	632.91			632.91	
67		59+08.72	2.57 RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME & GRATE, CLOSED LID.	60224459	636.82	632.83	632.83	632.83		
68		63+41.39	37.12 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME & GRATE.	60201205	647.04			642.69	642.69	
69		62+90.60	43.42 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME & GRATE.	60201205	646.52			642.05	642.30	
70		62+51.10	14.1 RT	INLETS, TYPE A, TYPE 24 FRAME AND GRATE.	60237470	646.48			642.48		NEENAH R-3501-R FRAME AND GRATE OR APPROVED EQUAL
71		61+59.73	24.51 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME & GRATE.	60201205	644.10			640.10		NEENAH R-3501-R FRAME AND GRATE OR APPROVED EQUAL
72		60+13.19	21.87 RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME & GRATE.	60201205	639.00			635.00		
TEMP1		59+50.00	31.46 RT	INLET TYPE A, TYPE 8 GRATE	60236200	636.95				633.75	
EX2		68+30.52	29.02 RT	EXISTING CATCH BASIN		646.35	642.75				
EX3	68+43.95	26.04 LT	EXISTING MANHOLE		646.5		642.49				

* FOR CATCH BASINS AND INLETS, THE OFFSET AND RIM ELEVATIONS ARE GIVEN TO EDGE OF PAVEMENT.

** USE PRECAST REINFORCED FLAT SLAB TOP, HIGHWAY STANDARDS 602601 WHERE REQUIRED. INCLUDE COST WITH THE DRAINAGE STRUCTURE.

*** STATIONING AND OFFSETS ARE WITH RESPECT TO CENTER LINES

PA:1501-630 W07_C:\bham\land\level\la\la\000_Sheets\0162B16-ant-122-drain_s.dwg



USER NAME = KenDrabant	DESIGNED - DA	REVISED - 12/01/2017
	DRAWN - EA	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 12/1/2017	DATE - 10/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE STRUCTURES SCHEDULE-1

SCALE: SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	91
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

STORM SEWER SCHEDULE

PIPE NUMBER	STRUCTURE		DISCRIPTION	CLASS	TYPE	SIZE (INCH)	LENGTH (FT)	SLOPE (%)	TBF (CY)	PAY ITEM NUMBER	REMARKS
	FROM	TO									
1	1	2	STORM SEWERS, CLASS A, TYPE 2 12"	A	2	12	13	0.50	4.3	550A0340	
2	2	3	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH		2	15	20	0.50	6.3	Z0056610	
3	3	4	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH		2	15	62	0.50	14.8	Z0056610	
4	4	5	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH		1	18	29	0.50	5.7	Z0056612	
5	5	6	STORM SEWERS, CLASS A, TYPE 1 18"	A	1	18	11	0.50	2.2	550A0090	
7	7	6	STORM SEWERS, CLASS A, TYPE 1 15"	A	1	15	20	0.50	3.3	550A0070	
6	6	8	STORM SEWERS, CLASS A, TYPE 2 24"	A	2	24	24	0.50	7.9	550A0410	
9	9	5	STORM SEWERS, CLASS A, TYPE 1 12"	A	1	12	24	0.50	3.3	550A0050	
10	10	14	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH		1	12	19	0.50	2.8	Z0056608	
14	14	13	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH		1	15	13	0.50	2.0	Z0056610	
11	11	12	STORM SEWERS, CLASS A, TYPE 2 12"	A	2	12	63	0.50	11.9	550A0340	
12	12	13	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH		1	15	36	0.50	5.4	Z0056610	
13	13	8	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH		2	24	40	0.50	11.9	Z0056616	
20	20	21	STORM SEWERS, CLASS A, TYPE 2 15"	A	2	15	5	1.50	0.9	550A0360	
21	21	22	STORM SEWERS, CLASS A, TYPE 2 18"	A	2	18	62	0.50	20.7	550A0380	
23	23	24	STORM SEWERS, CLASS A, TYPE 1 15"	A	1	15	3	0.50	0.5	550A0070	
25	25	24	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH		2	15	66	0.50	15.0	Z0056610	
24	24	22	STORM SEWERS, CLASS A, TYPE 2 15"	A	2	15	23	0.50	8.0	550A0360	
27	EX2	EX3	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH		1	12	53	0.50	7.3	Z0056608	
36	36	37	STORM SEWERS, CLASS A, TYPE 1 15"	A	1	15	5	0.50	0.8	550A0070	
37	37	30A	STORM SEWERS, CLASS A, TYPE 1 15"	A	1	15	36	0.50	7.1	550A0070	
30A	30A	30	STORM SEWERS, CLASS A, TYPE 2 18"	A	2	18	3	0.50	0.7	550A0380	
30	30	31	STORM SEWERS, JACKED IN PLACE 48"	A	2	48	80	0.20	3.2	55201600	
31	31	32	STORM SEWERS, CLASS A, TYPE 1 48"	A	1	48	72	0.20	86.3	550A0190	
32	32	32A	STORM SEWERS, CLASS A, TYPE 2 48"	A	2	48	189	0.20	149.1	550A0480	
32A	32A	47	STORM SEWERS, CLASS A, TYPE 1 48"	A	1	48	110	0.20	55.4	550A0190	
40	40	32	STORM SEWERS, CLASS A, TYPE 2 12"	A	2	12	21	0.20	2.1	550A0340	
41	41	32A	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH		2	12	7	0.50	1.5	Z0056608	
43	43	42	STORM SEWERS, CLASS A, TYPE 2 12"	A	2	12	16	0.50	2.9	550A0340	
42	42	32A	STORM SEWERS, CLASS A, TYPE 2 15"	A	2	15	1	0.50	0.3	550A0360	
38	38	31	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH		2	12	23	0.50	4.9	550A0340	
39	39	31	STORM SEWERS, CLASS A, TYPE 2 12"	A	2	12	32	0.50	3.9	550A0050	
60	60	61	STORM SEWERS, CLASS A, TYPE 2 12"	A	2	12	37	0.50	6.9	550A0340	
61	61	68	STORM SEWERS, CLASS A, TYPE 1 15"	A	1	15	21	0.50	4.5	550A0070	
68	68	62	STORM SEWERS, CLASS A, TYPE 2 15"	A	2	15	3	0.50	0.7	550A0360	
62	62	63	STORM SEWERS, CLASS A, TYPE 2 18"	A	2	18	46	0.50	32.7	550A0380	
63	63	64	STORM SEWERS, CLASS A, TYPE 2 36"	A	2	36	112	0.10	283.7	550A0450	
64	64	65	STORM SEWERS, CLASS A, TYPE 2 36"	A	2	36	151	0.10	248.5	550A0450	
65	65	66	STORM SEWERS, CLASS A, TYPE 1 36"	A	1	36	86	1.20	65.8	550A0160	
66	66	67	STORM SEWERS, CLASS A, TYPE 1 18"	A	1	18	18	0.26	2.8	550A0090	
70	70	69	STORM SEWERS, CLASS A, TYPE 1 12"	A	1	12	48	0.50	8.2	550A0050	
69	69	63	STORM SEWERS, CLASS A, TYPE 1 15"	A	1	15	3	0.50	0.7	550A0070	
71	71	64	STORM SEWERS, CLASS A, TYPE 2 12"	A	2	12	5	0.50	4.3	550A0340	
72	72	65	STORM SEWERS, CLASS A, TYPE 2 12"	A	2	12	2	0.50	0.4	550A0340	
80	80	91	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH		1	24	37	0.50	4.8	Z0056616	
82	82	81	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH		1	24	29	0.50	5.5	Z0056616	
81	81	83	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH		2	24	40	0.50	11.0	Z0056616	
83	83	30	STORM SEWERS, CLASS A, TYPE 2 42"	A	2	42	96	0.20	93.6	550A0470	
84	84	85	STORM SEWERS, CLASS A, TYPE 1 15"	A	1	15	9	0.50	1.4	550A0070	
85	85	87	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH		1	18	20	0.50	3.2	Z0056612	
86	86	87	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH		1	24	66	0.50	12.3	Z0056616	
87	87	83	STORM SEWERS, CLASS A, TYPE 1 24"	A	1	24	55	0.50	15.2	550A0120	
88	88	83	STORM SEWERS, CLASS A, TYPE 2 15"	A	2	15	37	0.50	7.9	550A0360	
89	89	90	STORM SEWERS, CLASS A, TYPE 1 15"	A	1	15	9	0.50	1.3	550A0070	
91	91	81	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH		1	24	45	1.50	6.6	Z0056616	
92	90	30A	STORM SEWERS, CLASS A, TYPE 1 15"	A	1	15	52	1.30	10.1	550A0070	

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USER NAME = KenDrabant
 PLOT SCALE = 48.0000' / in.
 PLOT DATE = 12/1/2017

DESIGNED - DA
 DRAWN - EA
 CHECKED - JMG
 DATE - 10/17/2017

REVISED - 12/01/2017
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE PIPES SCHEDULE- 3

SCALE: SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	583-R	COOK	186	93
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES FOR SANITARY SEWER AND WATER IMPROVEMENT

STANDARD SPECIFICATIONS:

SANITARY SEWERS AND WATER MAIN:
THE STANDARD SPECIFICATIONS UNLESS OTHERWISE SHOWN ON THE APPROVED ENGINEERING PLANS FOR ALL SANITARY SEWER OR WATER MAIN CONSTRUCTION SHALL BE: "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.

STORM SEWERS:
THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE SHOWN ON THE APPROVED ENGINEERING PLANS, FOR ALL STORM SEWER CONSTRUCTION SHALL BE: "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION.

IF A CONFLICT BETWEEN THE APPROVED ENGINEERING PLANS AND STANDARD SPECIFICATIONS OCCURS, THE APPROVED ENGINEERING PLANS TAKE PRECEDENCE AND WILL GOVERN. THESE STANDARD DETAILS ARE CONSIDERED TO BE PART OF THE PLANS.

MATERIALS:

THE FOLLOWING MATERIALS ARE CITY OF DES PLAINES STANDARDS. NO VARIATION FROM THE APPROVED STANDARD MATERIALS WILL BE ACCEPTED.

SANITARY PIPE:
DUCTILE IRON PIPE A-21.5 WITH A-21.11 JOINTS
POLYETHYLENE ENCASEMENT SHALL CONFORM TO AWWA C105/A21.5

WATERMAIN PIPE:
DUCTILE IRON PIPE AWWA C-151, CLASS 52, WITH AWWA C-111/A21.11 PUSH ON JOINTS (OR MECHANICAL), WITH AWWA C-153/A 21.53 FITTINGS, ALL WITH AWWA C-104 CEMENT MORTAR LINING.
POLYETHYLENE ENCASEMENT SHALL CONFORM TO AWWA C105/A21.5.

FIRE HYDRANT:
MUELLER COMPANY SUPER CENTURION 250 CATALOG NO. A-423 WITH 6" AUXILIARY GATE VALVE CATALOG NO. A-2360.

GATE VALVE:
MUELLER COMPANY A-2360.

SEWER BEDDING:
CA-11 OR CA-13 CRUSHED.

TRENCH BACKFILL FOR WATERMAIN OR SANITARY SEWER:
CA-6 CRUSHED.
SAMPLES OF ALL MATERIALS SHALL BE FURNISHED TO THE PUBLIC WORKS AND ENGINEERING DEPARTMENT FOR APPROVAL PRIOR TO INCORPORATING ANY MATERIAL IN THE PROPOSED CONSTRUCTION.

FRAME, LID AND GRATE STANDARDS:

THE FOLLOWING ARE CITY OF DES PLAINES STANDARDS FOR MANHOLE, CATCH BASIN AND VALVE VAULT FRAMES, LIDS AND GRATES:

SANITARY MANHOLES FRAME AND LID:
EAST JORDAN IRON WORKS COMPANY CATALOG NO. 1022-1, SPECIFY GASKET, EXTRA H.D. COVER (325*), CONCEALED PICK-HOLE, "CITY OF DES PLAINES-SANITARY" IMPRINT ON COVER. (FOR 4" HIGH FRAME, SPECIFY EAST JORDAN IRON WORKS COMPANY CATALOG NO. 1037 FRAME.)

OR

NEENAH FOUNDRY COMPANY CATALOG NO. R-1772-B, SPECIFY SELF-SEALING LID, CONCEALED PICK-HOLE, "CITY OF DES PLAINES - SANITARY" IMPRINT ON LID. (FOR 4" HIGH FRAME, SPECIFY NEENAH FOUNDRY COMPANY CATALOG NO. R-1647.)

VALVE VAULTS FRAME AND LID:
EAST JORDAN IRON WORKS COMPANY CATALOG NO. 1022-1, SPECIFY H.D. COVER (325*), "WATER" IMPRINT ON COVER. (FOR 4" HIGH FRAME, SPECIFY EAST JORDAN IRON WORKS COMPANY CATALOG NO. 1037 FRAME.)

OR

NEENAH FOUNDRY COMPANY CATALOG NO. R-1772-B, SPECIFY, "STORM" OR "WATER" IMPRINT ON LID. (FOR 4" HIGH FRAME, USE NEENAH FOUNDRY COMPANY CATALOG NO. R-1647.) CATCH BASINS- SEE CONTRACT SPECIFICATIONS FOR TYPE

STEPS:
STEPS MAY BE PROPYLENE COATED STEEL REINFORCING RODS AND SHALL MEET OSHA STANDARDS. FOR LOAD AND PULLOUT RATINGS OR AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS AND ENGINEERING.

NOTIFICATION FOR INSPECTION:

REFER TO YOUR M.W.R.D. PERMIT, IF APPLICABLE, FOR THEIR INSPECTION AND NOTIFICATION REQUIREMENTS.

ALL SANITARY AND WATER MAIN IMPROVEMENTS REQUIRE INSPECTION NOTIFICATION PRIOR TO ANY CONSTRUCTION. NOTIFY THE PUBLIC WORKS AND ENGINEERING DEPARTMENT, (847) 391-5390 TWO (2) WORKING DAYS PRIOR TO ANY CONSTRUCTION TO ARRANGE FOR REQUIRED INSPECTIONS. ALL MATERIAL TO BE INCORPORATED INTO THE PUBLIC IMPROVEMENTS REQUIRES INSPECTION AND APPROVAL PRIOR TO ANY CONSTRUCTION.

SANITARY AND WATERMAIN TYPICAL NOTES

- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
 - CIRCULAR SAW-CUT OF SEWER MAIN BY (SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.
 - REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND

VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CAN NOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS.

- WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF ANY OF THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CAN NOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS.

- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

4. A GRAPHIC DEPICTION OF PROFILES FOR THE WATERMAIN FROM THE MAINLINE TO THE FIRE HYDRANTS HAS NOT BEEN SHOWN IN THE CONTRACT DOCUMENTS. A NOMINAL QUANTITY HAS BEEN PROVIDED OF FOUR (4) 45 DEGREE FITTINGS FOR EACH FIRE HYDRANT BRANCH. THESE FITTINGS MAYBE NEEDED TO ADJUST THE WATERMAIN PROFILE TO MAINTAIN CLEARANCE FROM OTHER UTILITIES AND/OR MAINTAIN THE MINIMUM DEPTH FROM TOP OF GRADE TO TOP OF WATERMAIN. PRIOR TO CONSTRUCTING THE BRANCH LINE, THE CONTRACTOR SHALL PROVIDE WORKING SKETCHES DEPICTING THE VERTICAL LAYOUT OF THE BRANCH LINES SHOWING CLEARANCE TO OTHER UTILITY LINES FOR THE ENGINEER'S APPROVAL. THE COST OF SKETCHES SHALL BE INCLUDED IN THE COST OF THE WATERMAIN PIPE. ONLY THOSE FITTINGS REQUIRED WILL BE PAID FOR.

5. A NOMINAL QUANTITY HAS BEEN PROVIDED FOR FOUR (4) 45-DEGREE FITTING FOR EACH WATERMAIN SERVICE LINE. THESE FITTING MAYBE NEEDED TO ADJUST THE WATERMAIN SERVICE LINE PROFILE TO MAINTAIN CLEARANCE FROM OTHER UTILITIES AND/OR MAINTAIN MINIMUM DEPTH FROM TOP OF GRADE TO TOP OF WATERMAIN. AT LOCATIONS OF INTERSECTION WITH UTILITIES, A NOMINAL QUANTITY HAS BEEN PROVIDED FOR WATER SERVICE LINE CASING.

6. THE CONSTRUCTION OF THE WATERMAIN LINES WILL NEED TO BE COORDINATED WITH THE ROADWAY CONSTRUCTION STAGING. THE CONSTRUCTION OF THE NEW WATERMAIN SYSTEM IN ONE STAGE WILL NOT BE POSSIBLE. IT IS ANTICIPATED THAT PORTIONS OF THE WATERMAIN WILL NEED TO BE CONSTRUCTED IN SEPARATE STAGES. PORTIONS OF WATERMAIN CONSTRUCTED IN EARLIER STAGES MAY NEED TO BE PLUGGED FOR FUTURE CONNECTION TO PORTIONS OF THE WATERMAIN CONSTRUCTED IN THE FOLLOWING STAGES.

7. SANITARY SEWERS AND SANITARY SEWER CASING THAT NEED TO BE REPLACE TO PROTECT THE NEW WATERMAIN WILL NEED TO BE COORDINATED WITH THE ROADWAY CONSTRUCTION STAGING. PORTIONS OF CASING WILL NEED TO BE SPLICED. CASING SPLICING SLEEVES SHALL BE INSTALLED IN THE FIRST STAGE TO FACILITATE THE SUBSEQUENT SPLICING OF THE CASING IN THE FOLLOWING STAGE. SLEEVES SHALL BE WELDED ALL AROUND, BE WATER TIGHT AND PERMANENT. COST OF CASING SPLICING AND SPLICING HARDWARE SHALL BE INCLUDED IN THE COST OF THE CASING.

8. THE EXISTING WATERMAIN SYSTEM WILL NEED TO REMAIN ACTIVE UNTIL SUCH TIME THAT THE NEW SYSTEM OR PORTIONS OF THE NEW SYSTEM CAN BE MADE ACTIVE. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT TO THE ENGINEER AND THE CITY OF DES PLAINES FOR APPROVAL A DETAILED SCHEDULE AND WATERMAIN ACTIVATION SEQUENCE WHICH NOTES NEW OR EXISTING VALVES TO CLOSED/OPEN, DURATION OF SHUT DOWN OF EXISTING SYSTEM, AFFECTED LOCATIONS AND SERVICES ADDRESSES, ETC.

9. WORK AND MATERIAL REQUIRED TO COORDINATE THE WATERMAIN SCHEDULE WITH THE CITY OF DES PLAINES, AND INSTALLING TEMPORARY PLUGS, TEMPORARY BRACING AND RESTRAINTS, TEMPORARY FLUSHING HYDRANTS AND TEMPORARY VALVES, REPLACEMENT OF TEMPORARY "T" FOR FLUSHING HYDRANTS, TEMPORARY VALVES, AND FITTING WITH PERMANENT WATERMAIN PIPE AND OTHER HARDWARE OR WORK ACTIVITIES REQUIRED TO ACTIVATE AND ACCOMMODATE STAGED CONSTRUCTION OF THE WATERMAIN SYSTEM SHALL BE CONSIDERED INCLUDED AS PART OF THE COST OF THE WATERMAIN PIPE.

10. PORTIONS OF THE PROPOSED WATERMAIN LINE IS PARALLEL OR CROSSES OTHER EXISTING UTILITIES. THE CONTRACTOR SHALL BECOME FAMILIAR WITH LOCATION OF INTERACTION OF THE NEW WATERMAIN WITH OTHER UTILITIES AND INCLUDE IN THE COST OF THE WATERMAIN ALL NECESSARY SHORING AND PROTECTION OF EXISTING UTILITIES. DAMAGE TO UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS COST.

11. THE CLEARANCE BETWEEN THE FACE OF CURB AND ANY PORTION OF THE FIRE HYDRANT SHALL BE 5'-0". NEW FIRE HYDRANTS THAT HAVE BEEN INSTALLED BUT ARE NOT IN CONFORMANCE SHALL BE RELOCATED AT THE CONTRACTOR EXPENSE.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
TRENCH BACKFILL	CU YD	1928
DUCTILE IRON PIPE WATER MAIN , CLASS 52, 10 INCH (DES PLAINES)	FOOT	1947
DUCTILE IRON PIPE WATER MAIN , CLASS 52, 6 INCH (DES PLAINES)	FOOT	150
CARRIER PIPE , 10 INCH (DES PLAINES)	FOOT	245
CARRIER PIPE , 6 INCH (DES PLAINES)	FOOT	20
CASING PIPE, 16 INCH (DES PLAINES)	FOOT	245
CASING PIPE , 12 INCH (DES PLAINES)	FOOT	20
CASING SPACERS (DES PLAINES)	EACH	32
WATER MAIN RESTRAINED JOINT FITTING (DES PLAINES)	POUND	14576
GATE VALVE, 10 INCH , 5 FOOT DIA VAULT, FRAME AND CLOSED LID (DES PLAINES)	EACH	7
FIRE HYDRANT REMOVAL (DES PLAINES)	EACH	5
FIRE HYDRANT AND AUXILIARY VALVE (DES PLAINES)	EACH	7
WATER SERVICE AUGERING (DES PLAINES)	FOOT	570
WATER SERVICE LINE, 1 1/2 INCH (DES PLAINES)	FOOT	570
WATER SERVICE SADDLES, 1 1/2 INCH (DES PLAINES)	EACH	11
CORPORATION STOP, 1 1/2 INCH (DES PLAINES)	EACH	11
CURB STOP, 1 1/2 INCH (DES PLAINES)	EACH	11
CURB BOX, 1 1/2 INCH (DES PLAINES)	EACH	11
ABANDON EXISTING VALVE AND VAULT (DES PLAINES)	EACH	6
CASING PIPE, PVC, WATER SERVICE, 2 INCH (DES PLAINES)	FOOT	570
PIPE REMOVAL ALL TYPES AND SIZES (DES PLAINES)	FOOT	102
PRESSURE CONNECTION (DES PLAINES)	EACH	1

*THE CONTRACTOR SHALL FIELD VERIFY THE DIAMETERS OF THE EXISTING WATERMANS THAT CONNECT TO PROPOSED WATERMANS AND ANTICIPATE THAT THE EXISTING DIAMETERS MAY VARY FROM THOSE SHOWN ON PLAN AND PROVIDE NEEDED FITTINGS TO TRANSITION TO PROPOSED WATERMAIN. A NOMINAL QUANTITY HAS BEEN INCLUDED IN THE BILL OF MATERIAL FOR REDUCER FITTINGS.

** TRENCH BACKFILL FOR WATERMAIN HAS BEEN COMBINED WITH PAY ITEM 20800150 (TRENCH BACKFILL)

12. ALL ABANDONED WATERMAIN SHALL BE SEALED, PLUGGED OR CAPPED. COST SHALL BE INCLUDED IN THE COST OF THE NEW WATERMAIN

13. THE WATER SERVICE VALVES/METERS LISTED IN THE TABLES BELOW HAVE BEEN IDENTIFIED FROM TOPOGRAPHIC SURVEY TO EXIST WITHIN THE LIMITS OF THE NEW WATER MAIN CONSTRUCTION. IT IS ANTICIPATED THAT OTHER SERVICE VALVES OR METERS EXIST, BUT HAVE NOT BEEN IDENTIFIED. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL SERVICE VALVES AND METERS PRIOR TO CONSTRUCTION ACTIVITIES.

WATER SERVICE VALVE SCHEDULE

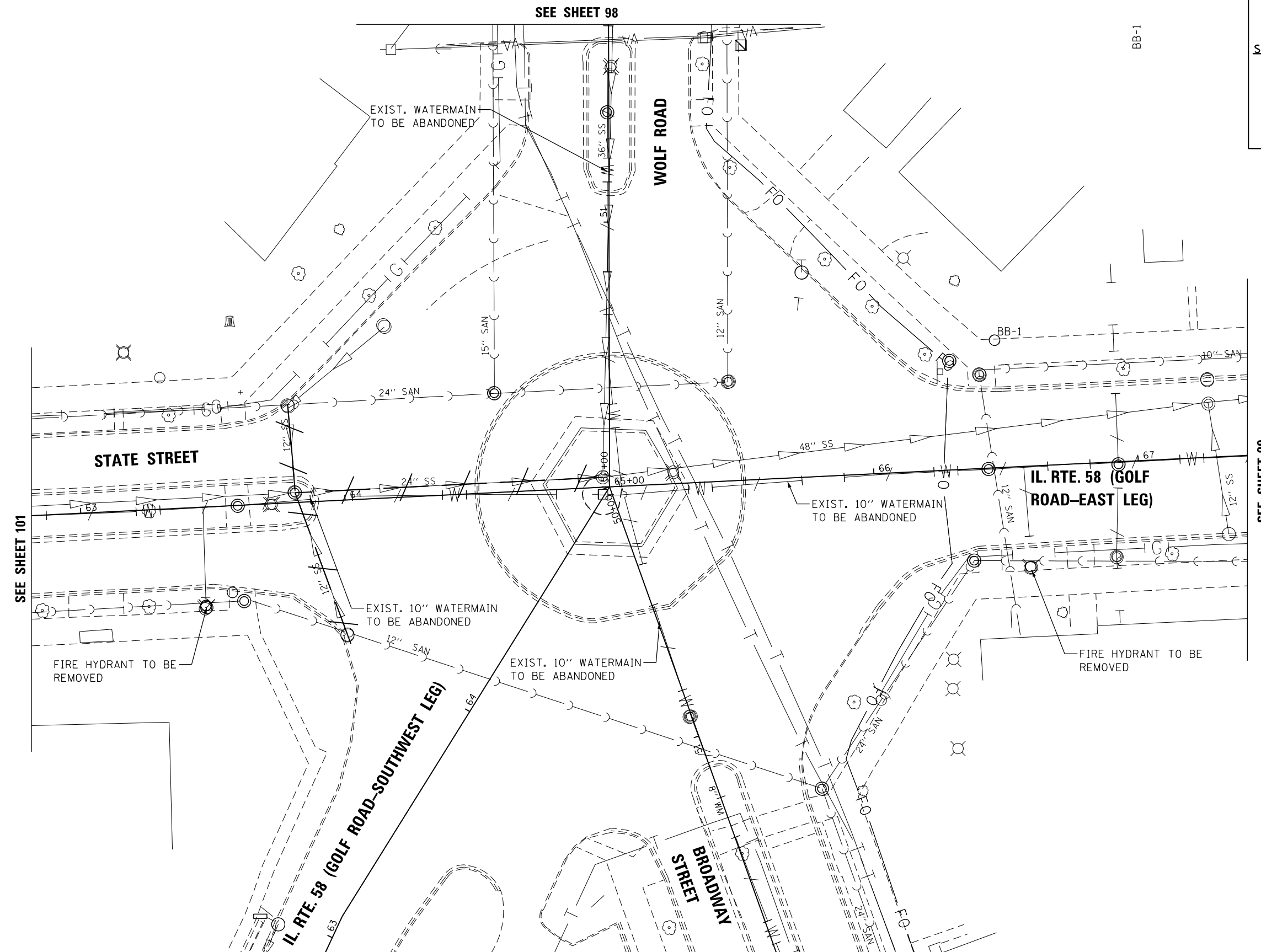
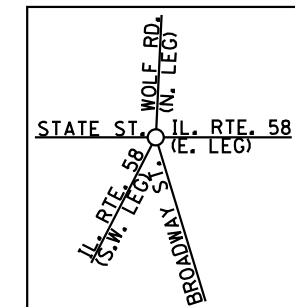
POINT	LOCATION	NORTHING	EASTING	STATION	OFFSET
BB-1	WOLF RD	1962782.08	1099192.63	53+35.38	43.77
BB-2	E GOLF RD	1962501.99	1099295.08	66+48.04	-48.16
BB-3	BROADWAY ST	1961933.44	1099297.50	55+32.99	33.69
BB-4	BROADWAY ST	1961996.79	1099276.05	54+66.12	32.54
BB-5	BROADWAY ST	1962034.86	1099334.73	54+50.05	-35.54
BB-6	BROADWAY ST	1962092.67	1099314.97	53+88.97	-36.42
BB-7	BROADWAY ST	1962143.92	1099310.51	53+39.21	-49.49
BB-8	BROADWAY ST	1962204.11	1099288.11	52+74.99	-48.69
BB-9	BROADWAY ST	1962220.07	1099176.51	52+22.36	51.00

WATER SERVICE METER SCHEDULE

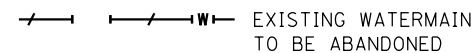
POINT	LOCATION	NORTHING	EASTING	STATION	OFFSET
WM-1	STATE ST	1962375.98	1098895.12	62+42.33	57.85
WM-2	GOLF E. LEG	1962420.33	1099341.26	66+90.15	35.68

PA15E01-638 V07 Cumberland Township, IL, C:\000_Sherata\0162616-ant-189_Gennotes.dwg

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PLOT DATE = 12/11/2017	DATE - 05/10/2017	REVISED -	SCALE:	SHEET 1 OF 10 SHEETS	STA. TO STA.					



LEGEND



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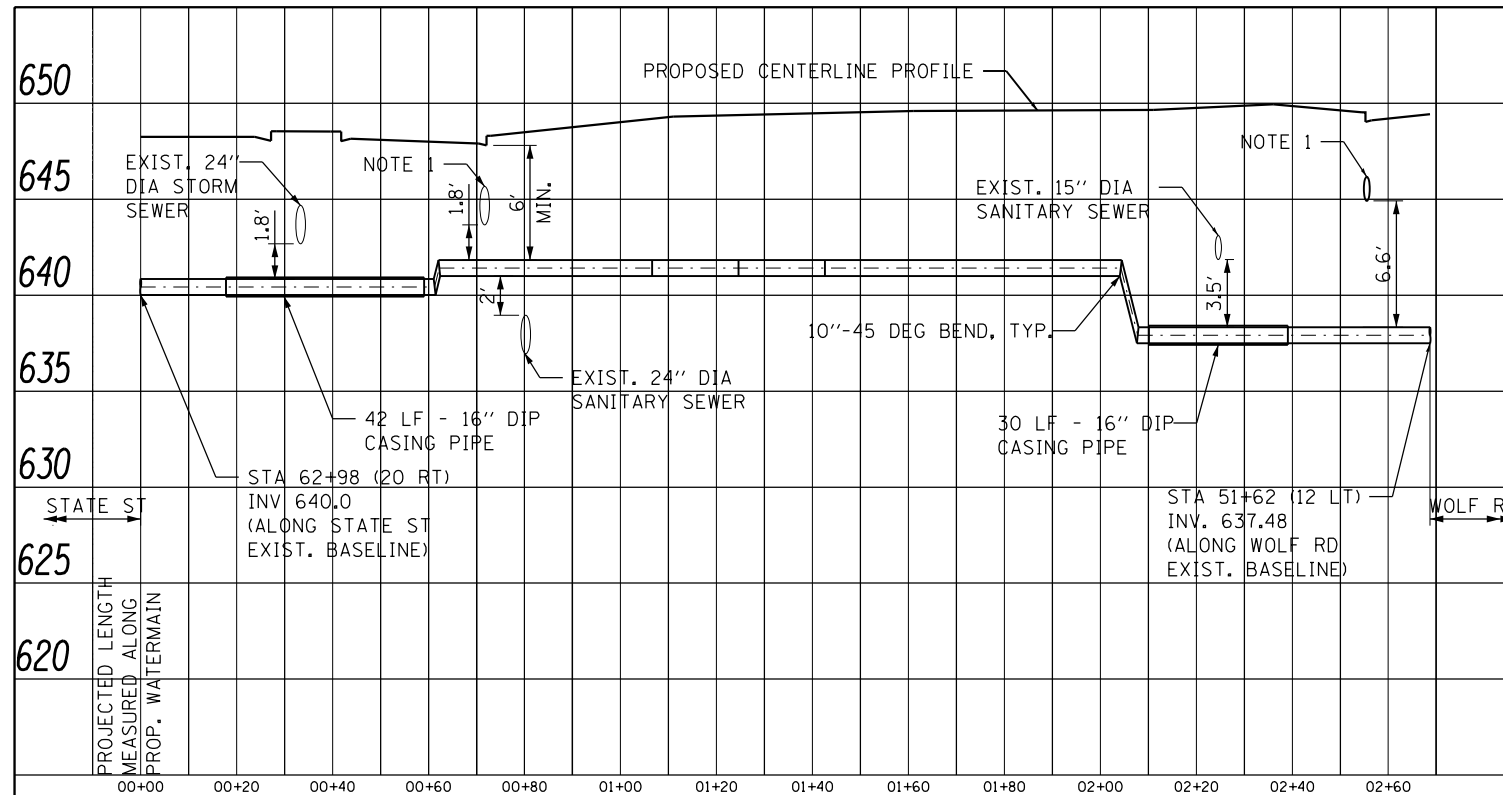
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

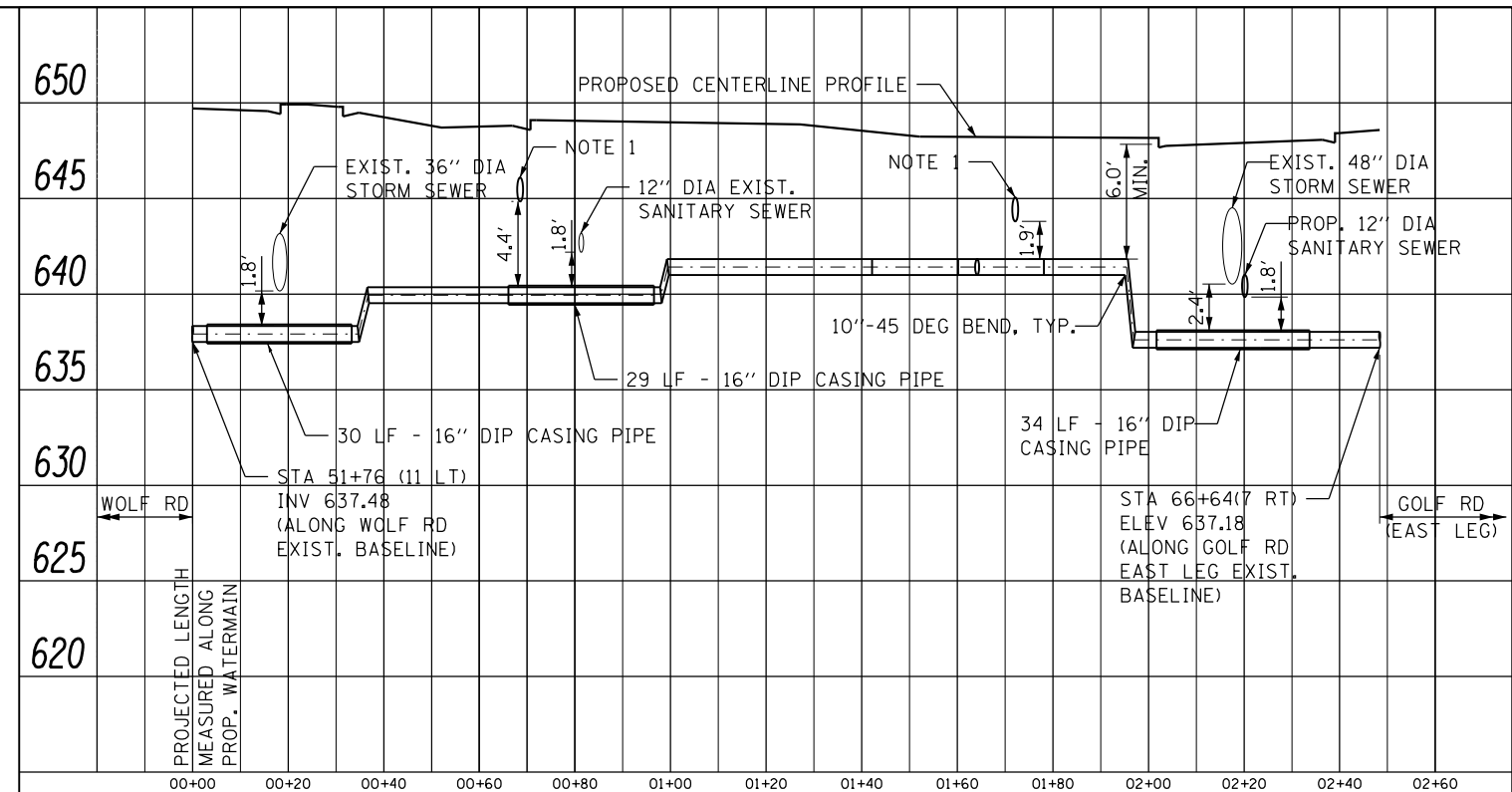
**EXISTING WATERMAIN PLAN
ROUNDBOUT**

SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.

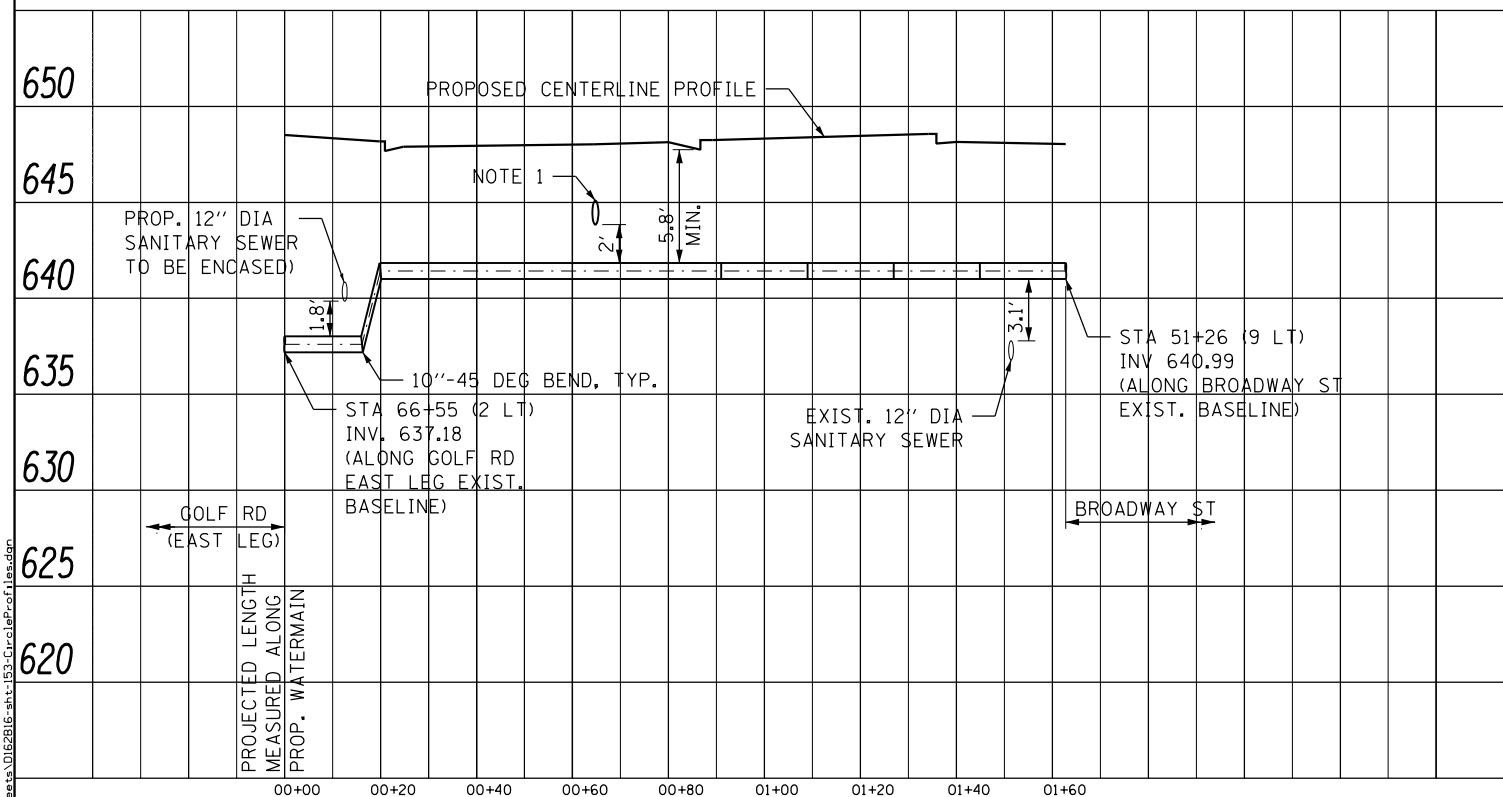
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CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



WATERMAIN PROFILE STATE ST TO WOLF RD BRANCH



WATERMAIN PROFILE WOLF RD TO IL58 (GOLF RD EAST LEG) BRANCH



WATERMAIN PROFILE IL58 (GOLF RD EAST LEG) TO BROADWAY ST BRANCH

NOTE

1. STORM SEWER IS TO BE CONSTRUCTED WITH STORM SEWER (WATERMAIN REQUIREMENTS), SEE DRAINAGE SCHEDULE FOR DETAILS
2. UNLESS NOTED OTHERWISE PROVIDE 45 DEGREE FITTING TO ACHIEVE VERTICAL ALIGNMENT CHANGES. PROVIDE THURST RESTRAINTS AT CHANGES IN ALIGNMENT
3. ELEVATION OF VERTICAL FIELD BENDS SHOWN GRAPHICALLY IN PROFILE ARE APPROXIMATE. ACTUAL ELEVATION OF WATERMAIN SHALL BE DETERMINED IN FIELD TO OBTAIN NOTED CLEARANCES FROM SANITARY AND STORM SEWERS

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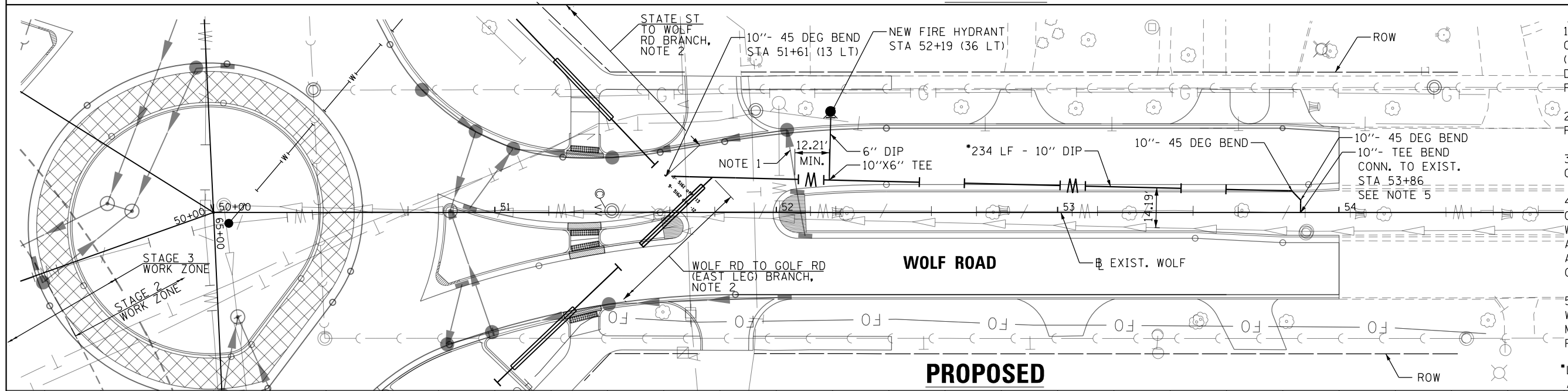
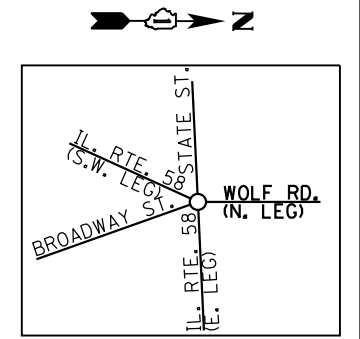
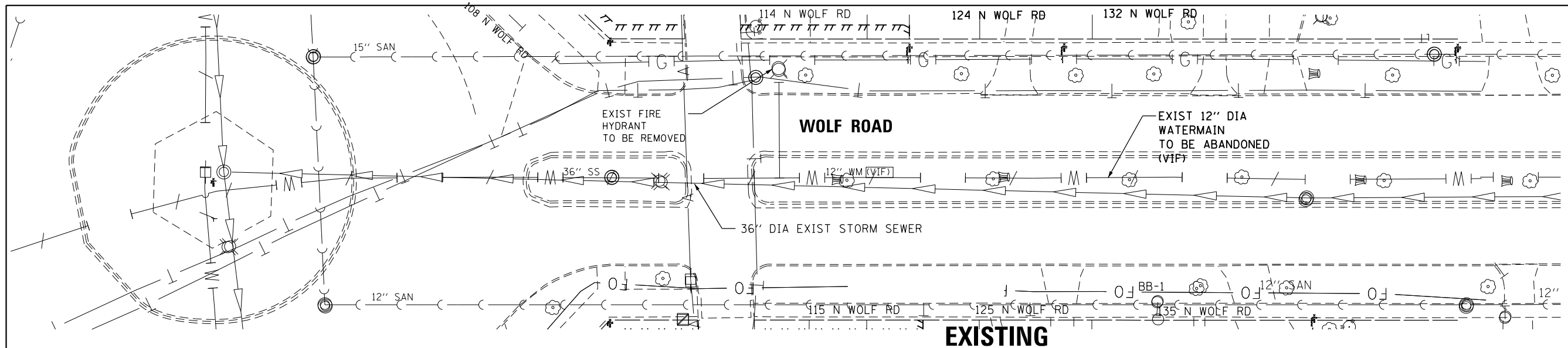
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	DATE - 05/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

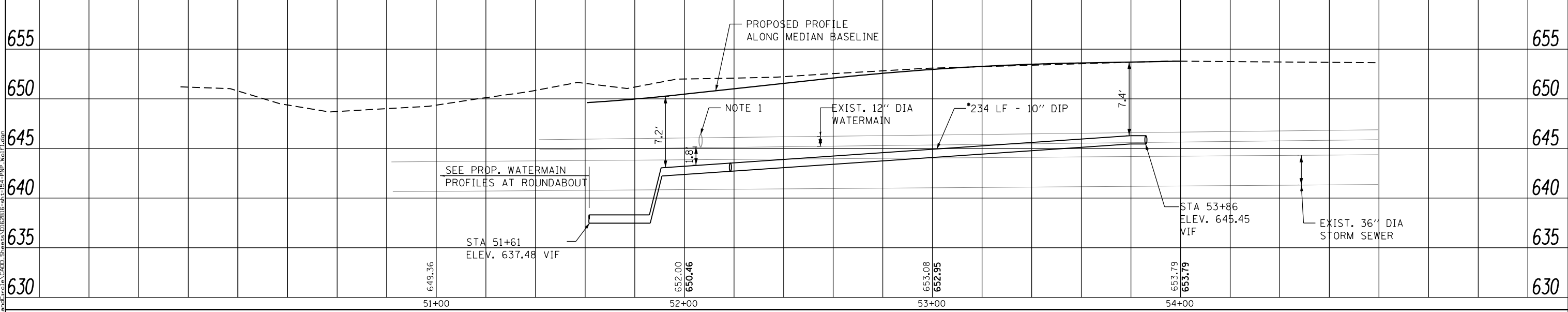
**PROP. WATERMAIN PROFILES
ROUNDAABOUT**

SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 97
CONTRACT NO. 62B16				
ILLINOIS FED. AID PROJECT				



- NOTES**
1. STORM SEWER IS TO BE CONSTRUCTED WITH STORM SEWER (WATERMAIN REQUIREMENTS), SEE DRAINAGE PLAN AND SCHEDULE FOR DETAILS
 2. SEE PROP WATERMAIN PLAN AT ROUNDABOUT
 3. SEE NOTES 2 AND 3 ON SHEET 96
 4. ADDITIONAL PRESSURE CONNECTION TO EXISTING WATERMAIN HAS BEEN PROVIDED AND SHALL BE USED AS REQUIRED AT THE DISCRETION OF THE CITY OF DES PLAINES.
 5. VERIFY SIZE OF EXISTING WATERMAIN PRIOR TO ORDERING MATERIAL, REDUCER MIGHT BE REQUIRED.
- *LENGTH PROVIDED IS APPROXIMATE



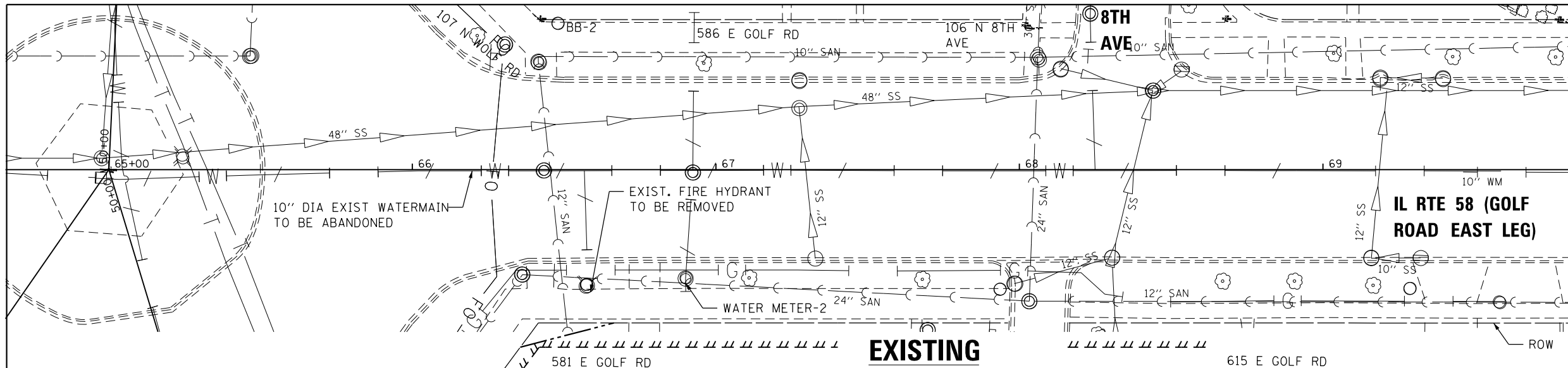
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

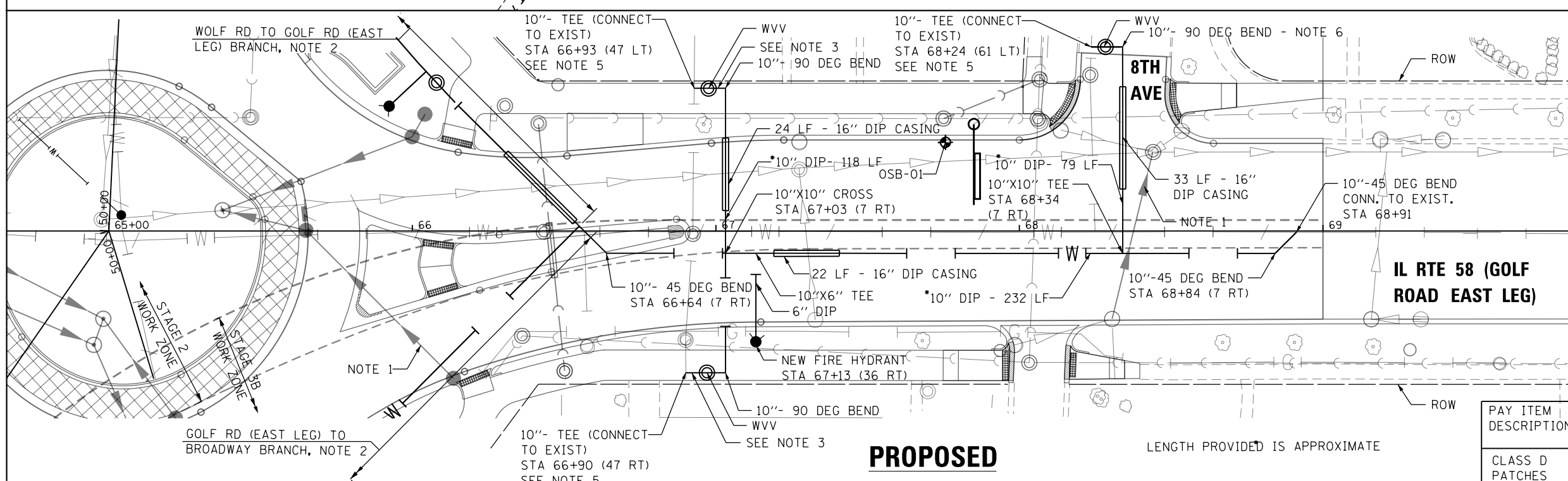
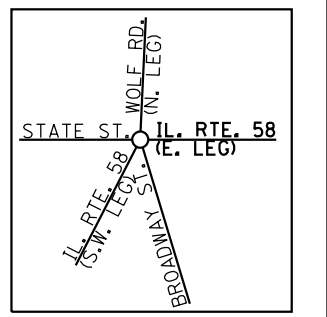
PROPOSED WATERMAIN PLAN AND PROFILE
WOLF RD

SCALE: SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 98
CONTRACT NO. 62B16				ILLINOIS FED. AID PROJECT



- NOTES**
1. STORM SEWER IS TO BE CONSTRUCTED WITH STORM SEWER (WATERMAIN REQUIREMENT) SEE DRAINAGE PLANS AND SCHEDULE
 2. SEE PROPOSED WATERMAIN PLAN AT ROUNDABOUT
 3. IT IS ANTICIPATED THAT A TEMPORARY "TEE" FITTING MAYBE BE REQUIRED FOR INSTALLATION OF A TEMPORARY FLUSHING HYDRANT



- FOR FLUSHING THE WATERMAIN, TEMPORARY ELEMENTS REQUIRED FOR FLUSHING, PLUGGING OR BRACING SHALL BE REMOVED AND REPLACED WITH PERMANENT ELEMENTS. THE LOCATION AND USE OF TEMPORARY HYDRANTS, FITTINGS, BRACING AND VALVES SHALL BE NOTED IN THE CONTRACTOR'S WATERMAIN SCHEDULE AND ACTIVATION SEQUENCE AND COSTS TO INSTALL TEMPORARY AND REMOVE AND REPLACE WITH PERMANENT ELEMENTS SHALL BE INCLUDED IN COST OF THE WATERMAIN.
4. SEE NOTE 2 AND 3 ON SHEET 96
 5. VERIFY SIZE OF EXISTING WATERMAIN PRIOR TO ORDERING MATERIAL, REDUCER FITTINGS MIGHT BE REQUIRED.
 6. REPAIR EXISTING 8TH AVE PAVEMENT DISTURBED BY WATERMAIN WORK WITH CLASS D PATCHES, TYPE II 12 INCH (SPECIAL)*

HMA MIXTURE REQUIREMENTS

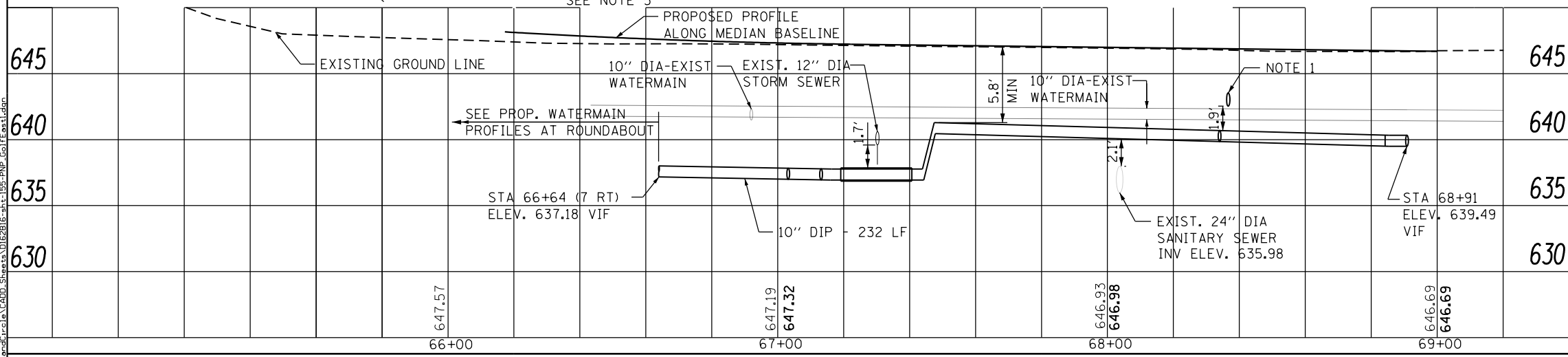
PAY ITEM DESCRIPTION	MIX TYPE	% AIR VOIDS @ N des	QMP
CLASS D PATCHES	HMA SURFACE COURSE, MIX D, N70 (IL-9.5 mm); 2"	4% @ 70 Gyr.	OC/OA
	(HMA BINDER IL - 19mm)	4% @ 70 Gyr.	OC/OA

QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP).

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/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 USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

* THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 INCHES WIDER ON EACH SIDE OF THE TRENCH

EXISTING 8TH ST. ROADWAY COMPOSED OF APPROXIMATELY 3" HMA SURFACE COURSE ON 9' PCC PAVEMENT



USER NAME = KenDrabant	DESIGNED - MAA	REVISED -
PLOT SCALE = 48.00' / in.	DRAWN - MAA, SK	REVISED -
PLOT DATE = 12/11/2017	CHECKED - JMG	REVISED -
	DATE - 05/10/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROP. WATERMAIN PLAN AND PROFILE
IL RTE 58 GOLF RD (EAST LEG)

SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 339	SECTION 583-R	COUNTY COOK	TOTAL SHEETS 186	SHEET NO. 99
CONTRACT NO. 62B16				
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