

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-RS-SW&SR	LAKE	30	1
		ILLINOIS	CONTRACT NO. 62J92	

\* 30+14=44 TOTAL SHEETS

D-91-270-20



# PROPOSED HIGHWAY PLANS

F.A.P ROUTE 303 IL 173  
IL 131 (GREEN BAY RD.) TO IL 137 (SHERIDAN RD.)  
SECTION 2019-094-RS-SW&SR  
PROJECT: NHPP-MJIN ( 572)  
DESIGNED OVERLAY NEW SHOULDERS AND  
PEDESTRIAN ADA IMPROVEMENTS  
LAKE COUNTY

C-91-051-20

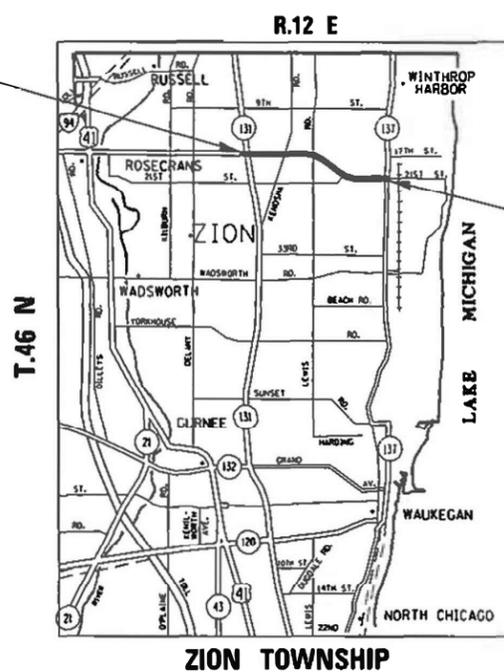
FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED WITHIN  
THE CITY OF ZION

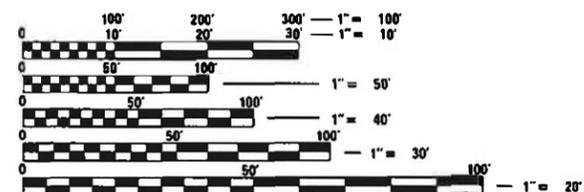
**TRAFFIC DATA:**

ADT = 8,600 TO 12,700 (2019)  
SPEED LIMIT = 45 MPH.

PROJECT BEGINS  
STA. 13 + 92



PROJECT ENDS  
STA. 177 + 66



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 EXCAVATORS  
1-800-892-0123  
OR 811

PROJECT ENGINEER: DAN WILGREEN (847)-705-4240  
PROJECT MANAGER: FAWAD AQUEEL (847)-705-4247

GROSS LENGTH = 16,374 FT. = 3.10 MILE  
NET LENGTH = 16,374 FT. = 3.10 MILE

CONTRACT NO. 62J92

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED MARCH 13, 2020  
*[Signature]* REGIONAL ENGINEER  
May 8, 2020  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT  
May 8, 2020  
*[Signature]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

## INDEX OF SHEETS

### SHEET NO. DESCRIPTION

1	COVER SHEET
2	INDEX OF SHEETS, LIST OF STATE STANDARDS AND GENERAL NOTES
3-5	SUMMARY OF QUANTITIES
6-7	TYPICAL SECTIONS
8-13	ROADWAY AND PAVEMENT MARKING PLAN
14-17	DETECTOR LOOP REPLACEMENT PLAN
18-20	DISTRICT ONE ADA DETAILS
20A-20N	ADA RAMP DETAILS 
21	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
22	PAVEMENT PATCHING FOR HMA SURFACE PAVEMENT (BD-22)
23	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
24	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
25	TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS (TC-11)
26	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
27	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
28	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
29	ARTERIAL ROAD INFORMATION SIGN (TC-22)
30	DISTRICT ONE- DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

## STATE STANDARDS

### STANDARD NO. DESCRIPTION

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C & D PATCHES
630001-12	STEEL PLATE BEAM GUARDRAIL
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
701011-04	OFF-DR MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF- RD OPERATIONS, MULTILANE 15' TO 24' FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT-TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W WORK AREAS IN SERIES, FOR SPEEDS >= 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION FOR SPEED >= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION FOR SPEED <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS

## GENERAL NOTES

- 1 BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 8-1-1 OR (800) 892-0123 FOR FIELD LOCATION OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
- 2 THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE CITY OF ZION
- 3 THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 4 THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 5 BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 6 ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 7 THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR " GUARDRAIL REMOVAL."
- 8 LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)), WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 9 ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER
- 10 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 11 DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 12 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.
- 13 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.
- 14 SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- 15 THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER VIA EMAIL AT WALTER.CZARNY@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 16 BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS " SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 17 DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 18 PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- 19 ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND
- 20 UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
- 21 WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL, BETWEEN PASSES OF THE MILLING MACHING SHALL NOT EXCEED 1.5 INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRAD DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF MILLING IS SLOPED A MINIMUM OF 1:3 (V:H)
- 22 DURING CONSTRUCTION OPERATIONS, WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS, OR DRAINAGE STRUCTURES TO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. THIS WORK IS CONSIDERED AS PART OF CLEAN- UP
- 23 GRADING AND TOTAL EXCAVATION FOR PROPOSED DRAINAGE IMPROVEMENT AREA FROM STA 120+37 TO STA 121+61 WILL BE DETERMINED BY THE RESIDENT ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAP 303 IL 173 FROM IL 131 ( GREEN BAY RD) TO IL 137 (SHERIDAN RD)  
INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-R5-SW&SR	LAKE	44	2
ILLINOIS			CONTRACT NO. 62J92	
ILLINOIS FED. AID PROJECT				

 REV 5/26/2020

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE URBAN 0005				
20200100	EARTH EXCAVATION	CU YD	110	110				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	880	880				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	508	508	△			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	7	7	△			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	7	7	△			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	7	7	△			
25200110	SODDING, SALT TOLERANT	SO YD	508	508	△			
25200200	SUPPLEMENT WATERING	UNIT	23	23	△			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	52118	52118				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	116	116				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	926	926				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	217	217				
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	8660	8660				
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	7567	7567				
42001300	PROTECTIVE COAT	SO YD	1150	1150	△			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	7740	7740	△			
42400800	DETECTABLE WARNINGS	SO FT	600	600	△			
	* - SPECIALTY ITEMS							

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE URBAN 0005				
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SO YD	77211	77211				
44000600	SIDEWALK REMOVAL	SO FT	7780	7780	△			
44002220	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5"	SO YD	3948	3948				
44004250	PAVED SHOULDER REMOVAL	SO YD	40	40				
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SO YD	750	750				
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SO YD	750	750				
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SO YD	750	750				
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	3975	3975				
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE I FRAME, OPEN LID	EACH	3	3	△			
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2				
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE I FRAME, OPEN LID	EACH	1	1				
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE I FRAME, CLOSED LID	EACH	1	1				
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3				
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1	△			
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	9	9	△			
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	7	7	△			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE URBAN 0005				
60404940	FRAMES AND GRATES, TYPE 23	EACH	1	1				
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2				
* 63200310	GUARDRAIL REMOVAL	FOOT	100	100				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	107	107				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4				
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1				
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	L SUM	1	1				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE URBAN 0005				
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	49872	49872				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	16624	16624				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	1269	1269				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	55249	55249				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	5490	5490				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	565	565				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1443	1443				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1052	1052				
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	4	4				⚠
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	4	4				⚠
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1269	1269				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	43050	43050				⚠
	* - SPECIALTY ITEMS							

FILE NAME =	USER NAME = Doosta	DESIGNED -	REVISED -
pw:\planroom\dtd\illinois\gov\PI001\Documents\VDOT\	Offices\Dir\lct\NProjects\DI27020\CADD\Info\Des\gn\DI27020-	DRAWN -	REVISED -
	PLOT SCALE = 100,0000' / 1in	CHECKED -	REVISED -
	PLOT DATE = 3/27/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-RS-SW&SR	LAKE	30	4
CONTRACT NO. 62192			REV 5/27/2020 SEP	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE URBAN 0005				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5490	5490				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	565	565				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1443	1443				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1052	1052				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	711	711				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	711	711				
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1				△
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	3708	3708				
89500400	RELOCATE EXISTING PEDESTRIAN PUSH - BUTTON	EACH	8	8				△
89502376	REBUILD EXISTING HANDHOLE	EACH	3	3				△
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1				
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	25	25				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE URBAN 0005				
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1360	1360				△
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	65	65				
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	52	52				
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	42100	42100				
∅ Z0076600	TRAINEES	HOOR	500	500				
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOOR	500	500				

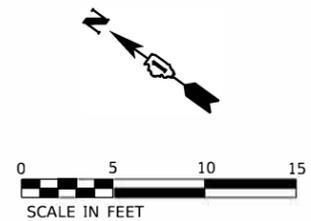
FILE NAME =	USER NAME = Doosta	DESIGNED -	REVISED -
pw:\planroom\dtd\1111\mfg\p\1001\Documents\VDOT	Office\Director\Projects\DI27020\CADD\Date\Design\DI27020-3	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in	CHECKED -	REVISED -
	PLOT DATE = 3/26/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

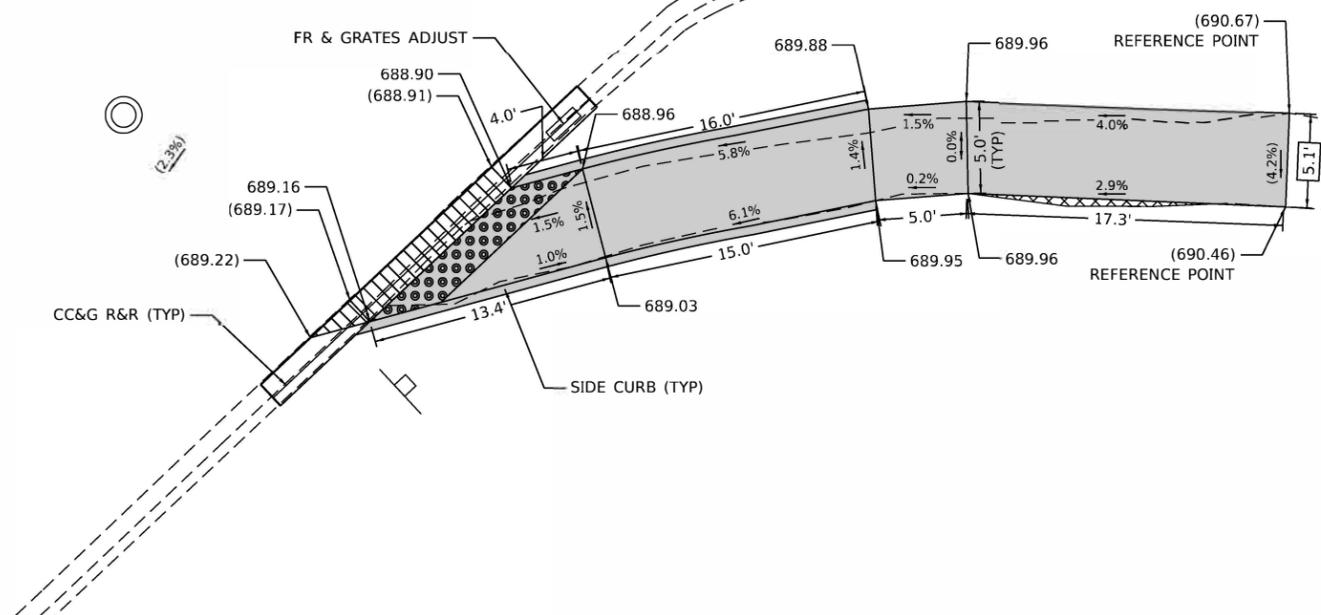
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-RS-SW&SR	LAKE	30	5
CONTRACT NO.			62192	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

△ REV 5/28/2020 SEP  
∅ 0042  
REV-SEP



IL ROUTE 173

19TH ST



**NOTES**

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

**LEGEND**

- XX.X' EXISTING LENGTH
- (XXX.XX) EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- SIDE CURB

REFERENCE BENCHMARK: BM-1 EL 691.24 (NOT SHOWN)  
 BENCHMARK: SET AT S FLANGE BOLT OF FH  
 LOCATION: NW COR OF IL 173 AND HERMON AVE

- ADDED SHEET

MODEL: Default  
 FILE NAME: 2113038 02 IDOT D1 173 ADA RampsDC\Wdesign\Pre\m\plotsheets\162192-ahr-detail-ADA-01.dgn

USER NAME = RGall	DESIGNED - CS / SH	REVISED -  5/14/2020 RG
	DRAWN - CS / SH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - RG	REVISED -
PLOT DATE = 5/14/2020	DATE - 5/14/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

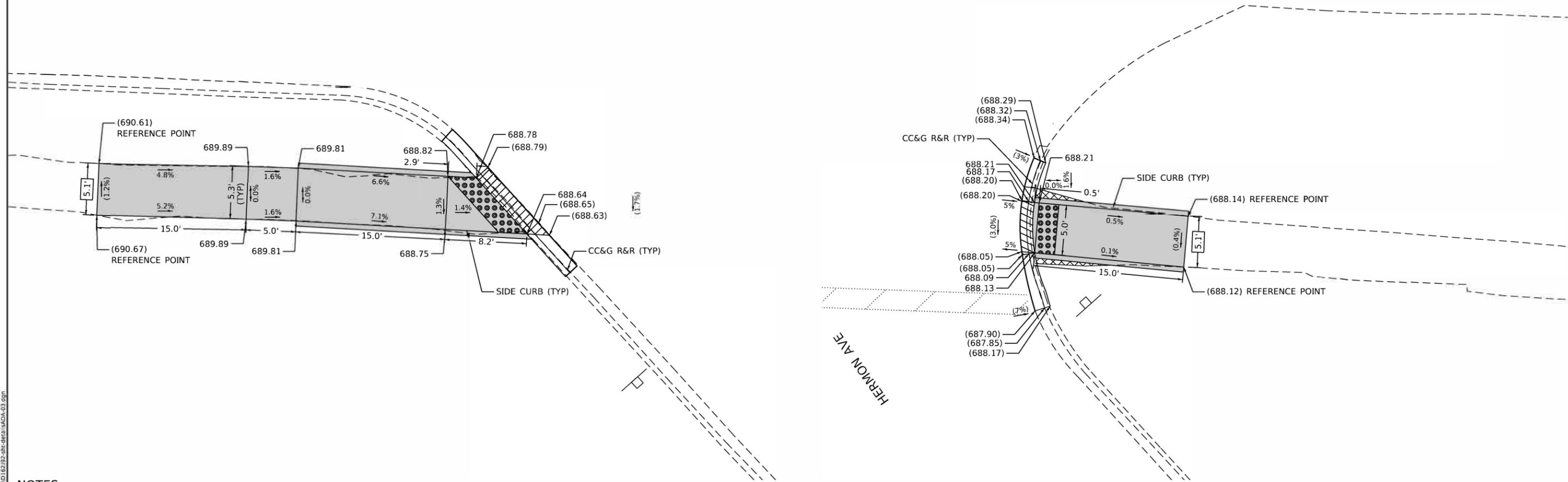
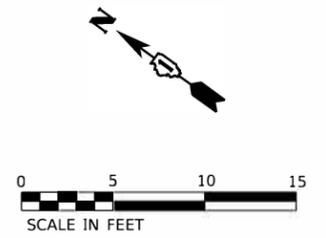
**ADA RAMP DETAILS  
 IL RTE 173 AT 19TH ST**

SCALE: SHEET 1 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-R5-SW&SR	LAKE	30	20A
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J92	



IL ROUTE 173



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM-1 EL 691.24 (NOT SHOWN)  
 BENCHMARK: SET AT S FLANGE BOLT OF FH  
 LOCATION: NW COR OF IL 173 AND HERMON AVE

LEGEND

- XX.X' EXISTING LENGTH
- (XXX.XX) EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- SIDE CURB

▲ - ADDED SHEET

USER NAME = RGal	DESIGNED - CS / SH	REVISED - <span style="border: 1px solid black; padding: 2px;">▲</span> 5/14/2020 RG
	DRAWN - CS / SH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - RG	REVISED -
PLOT DATE = 5/14/2020	DATE - 5/14/2020	REVISED -

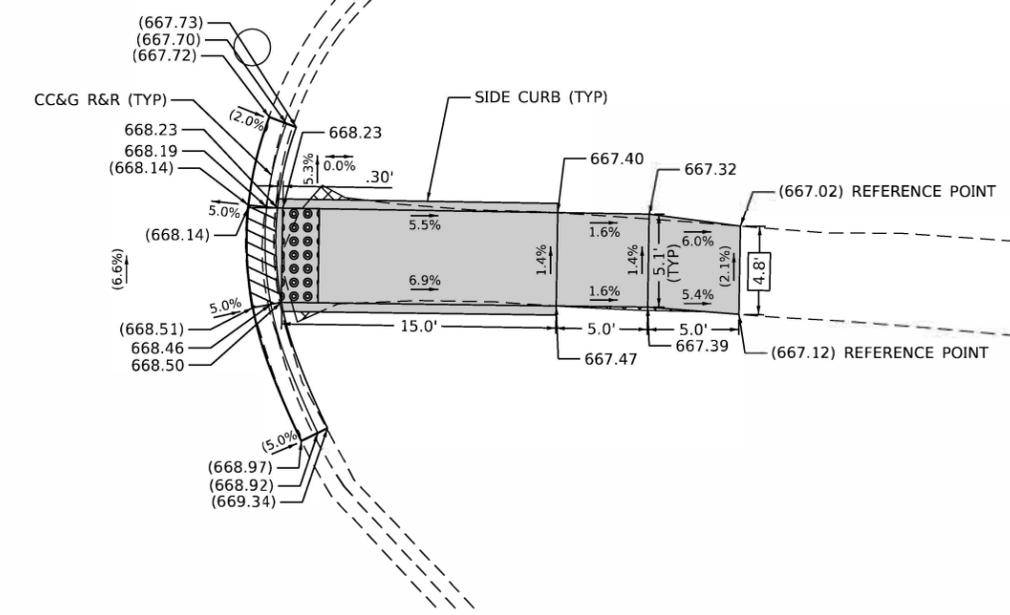
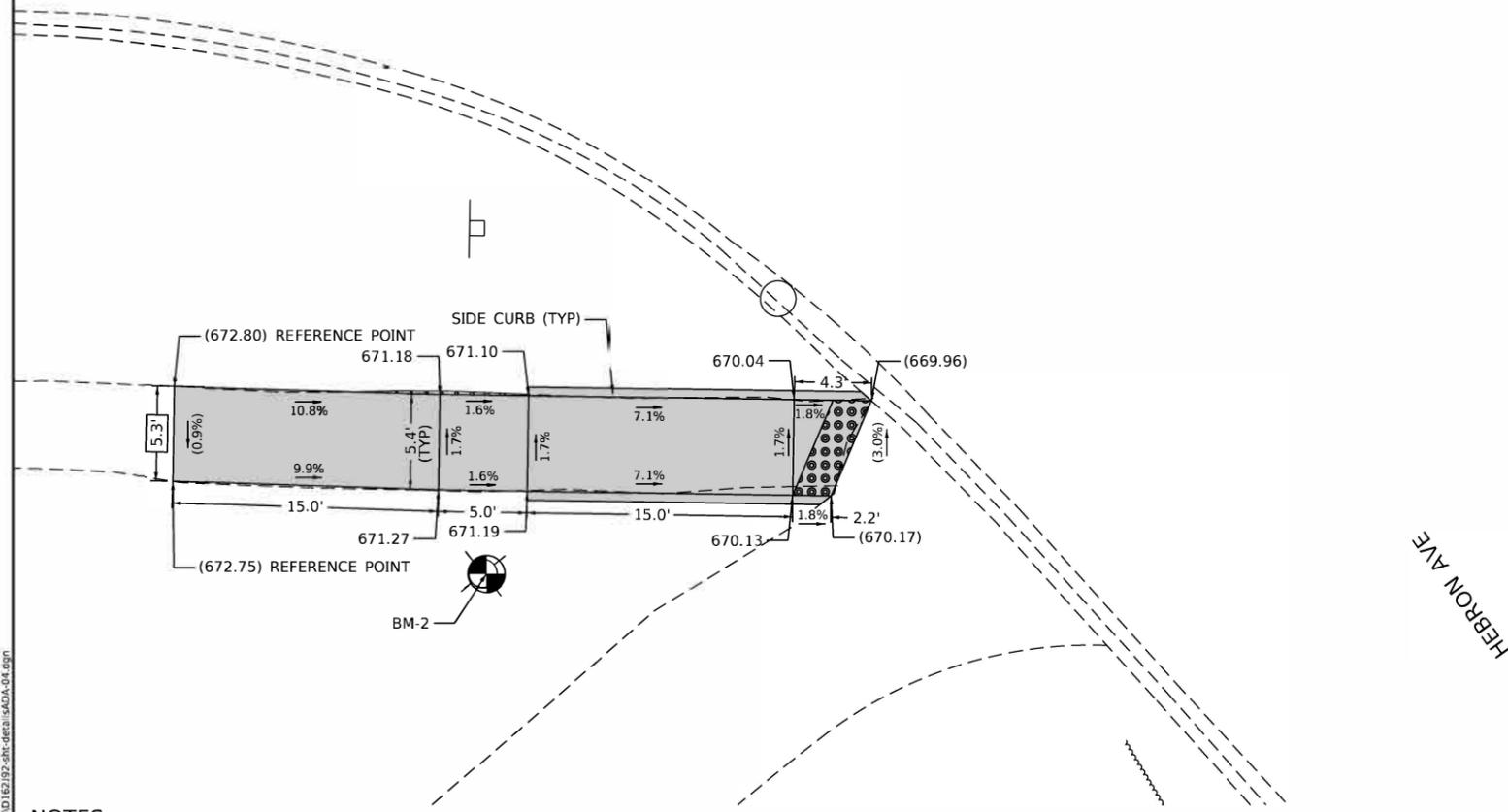
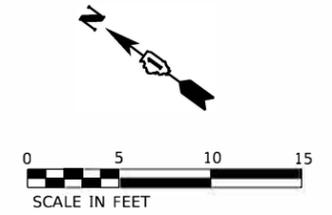
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

<b>ADA RAMP DETAILS</b>			
<b>IL RTE 173 AT HERMON AVE</b>			
SCALE:	SHEET 3	OF 14 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-R5-SW&SR	LAKE	30	20C
CONTRACT NO. 62J92				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
 FILE NAME: 21130388.02.DDOT.D1.PFB.192-207.W002\_IL\_173\_ADA\_Ramps.DWG  
 PROJECT: ILLINOIS DEPARTMENT OF TRANSPORTATION  
 CONTRACT: 2019-094-R5-SW&SR  
 SHEET: 20C

IL ROUTE 173



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM-2 EL 673.76  
 BENCHMARK: SET NAIL AT E SIDE OF LP BASE  
 LOCATION: SW COR OF IL 173 AND HEBRON AVE

LEGEND

- XX.X' EXISTING LENGTH
- (XXX.XX) EXISTING ELEVATION / SLOPE
- [Solid Gray Box] PROPOSED SIDEWALK
- [Dotted Box] DETECTABLE WARNINGS
- [Cross-hatched Box] SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Lines Box] DEPRESSED CURB AND GUTTER
- [Double Line Box] SIDE CURB

▲ - ADDED SHEET

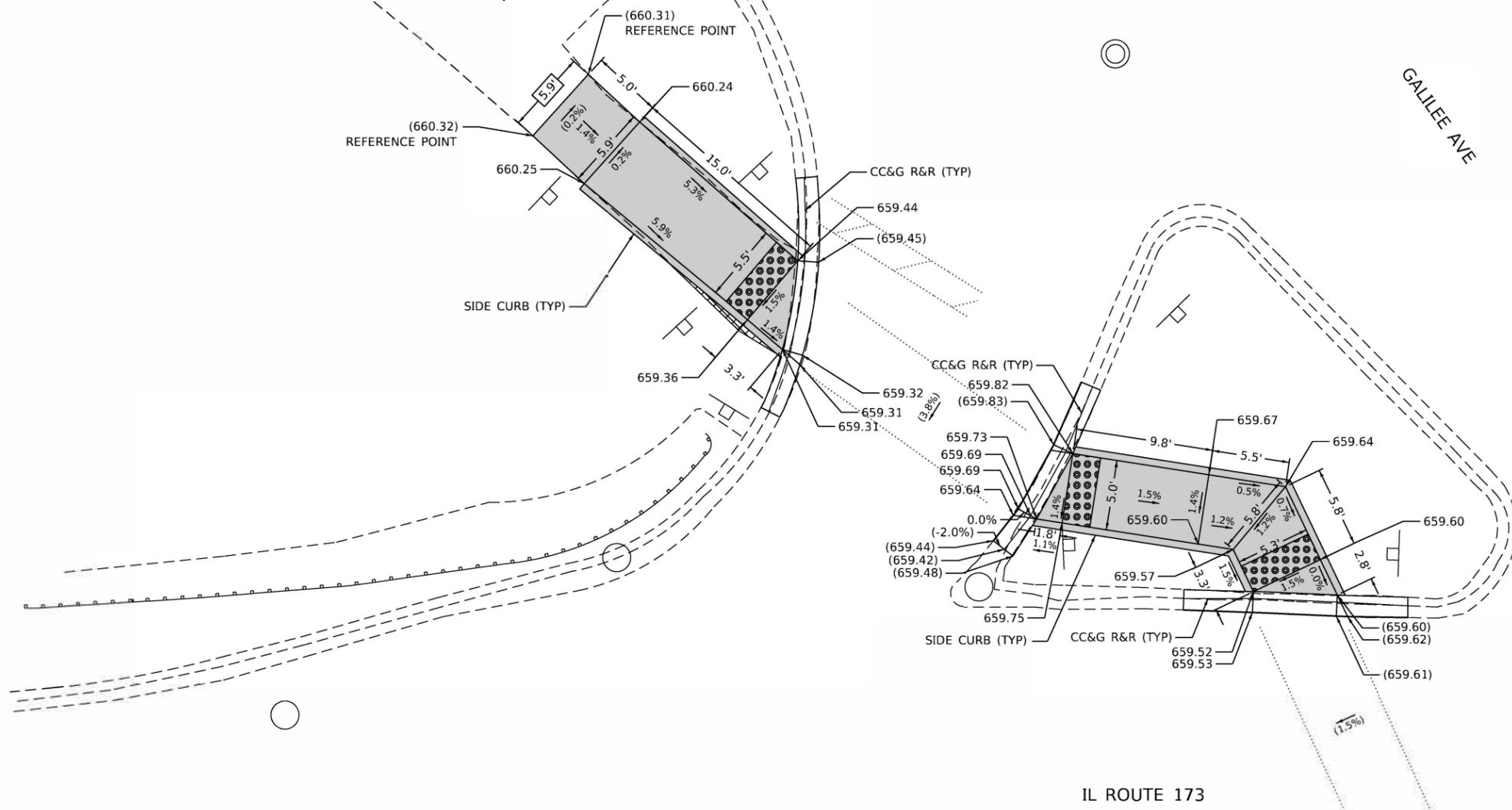
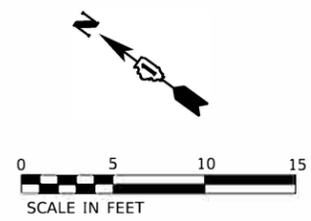
MODEL: Default  
FILE NAME: 21130338 02 DDT D1 17B 192-207 W002 IL 173 ADA Ramps\DC\W002\192-207\17B\192-207-adr-detail\ADA-04.dgn

USER NAME = RGall	DESIGNED - CS / SH	REVISED - 5/14/2020 RG
DRAWN - CS / SH	CHECKED - RG	REVISED -
PLOT SCALE = 10.0000' / in.	DATE - 5/14/2020	REVISED -
PLOT DATE = 5/14/2020		

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

<b>ADA RAMP DETAILS</b>			
<b>IL RTE 173 AT HEBRON AVE</b>			
SCALE:	SHEET 4	OF 14 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-R5-SW&SR	LAKE	30	20D
CONTRACT NO. 62J92				
ILLINOIS FED. AID PROJECT				



**NOTES**

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM-3 EL 663.34 (NOT SHOWN)  
 BENCHMARK: SET AT W FLANGE BOLT OF FH  
 LOCATION: NE COR OF GALILEE AVE AND 20TH ST

**LEGEND**

- XX.X' EXISTING LENGTH
- (XXX.XX) EXISTING ELEVATION / SLOPE
- [Solid Grey Box] PROPOSED SIDEWALK
- [Dotted Box] DETECTABLE WARNINGS
- [Cross-hatched Box] SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Lines Box] DEPRESSED CURB AND GUTTER
- [Double Line Box] SIDE CURB

▲ - ADDED SHEET

MODEL: Default  
 FILE NAME: 2113038 02 IDOT D1 PFB 192-007 W002 IL 173 ADA RampsDC\Design\Pre\m\plotsheets\162192-ahr-detail-ada-05.dgn

USER NAME = RGall	DESIGNED - CS / SH	REVISED - 5/14/2020 RG
DRAWN - CS / SH	CHECKED - RG	REVISED -
PLOT SCALE = 10.0000" / in.	DATE - 5/14/2020	REVISED -
PLOT DATE = 5/14/2020		

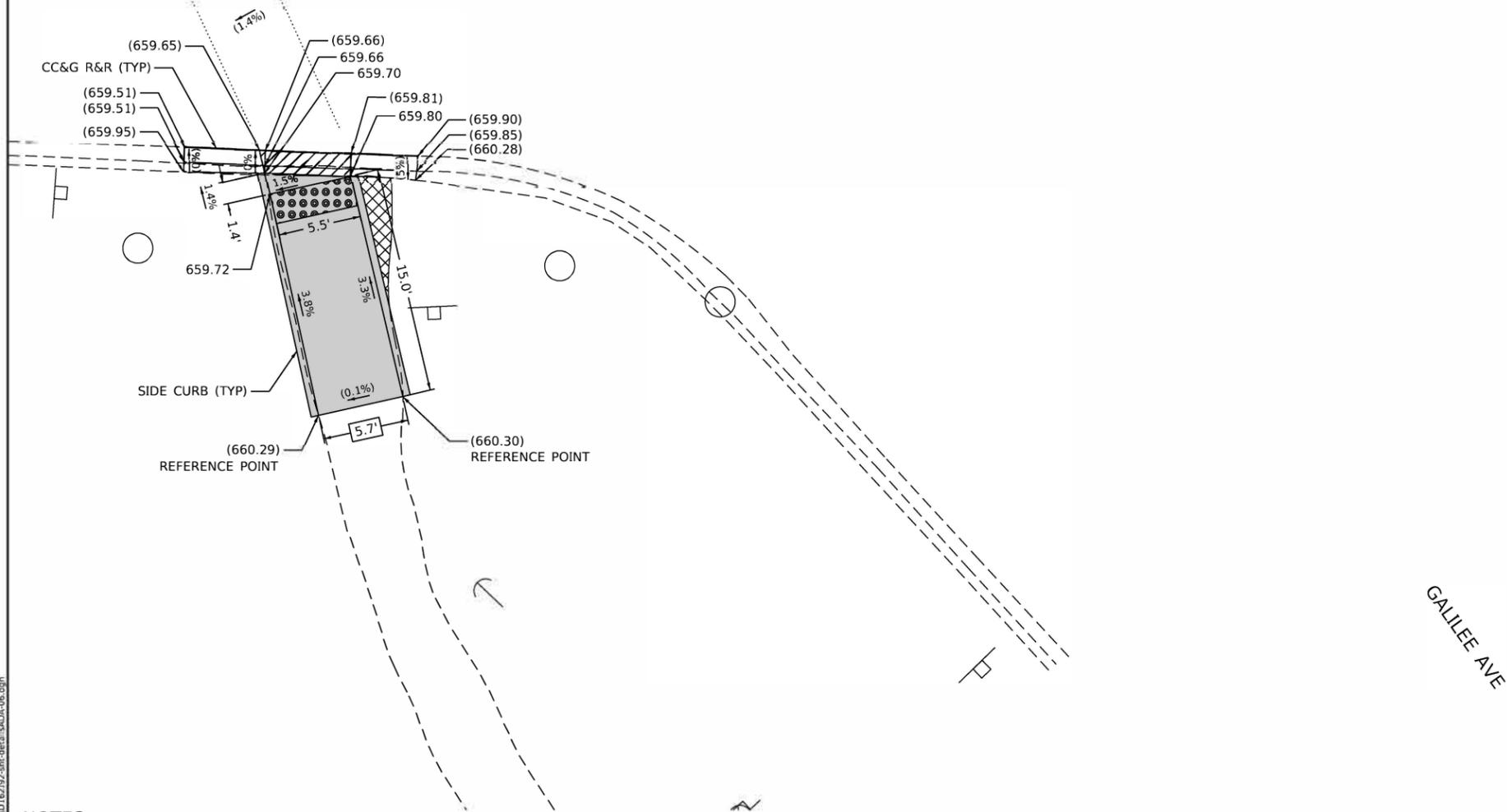
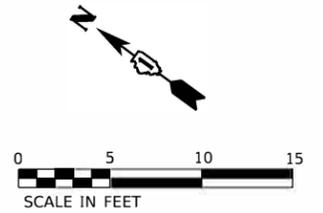
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS  
 IL RTE 173 AT GALILEE AVE**

SCALE: SHEET 5 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-R5-SW&SR	LAKE	30	20E
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J92	

IL ROUTE 173



**NOTES**

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM-3 EL 663.34 (NOT SHOWN)  
 BENCHMARK: SET AT W FLANGE BOLT OF FH  
 LOCATION: NE COR OF GALILEE AVE AND 20TH ST

**LEGEND**

- XX.X' EXISTING LENGTH
- (XXX.XX) EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- SIDE CURB

▲ - ADDED SHEET

MODEL: D:\defult  
 FILE NAME: 2113038 02 DDT D1 17B 192-207 W002 IL 173 ADA Ramps\DC\Wdesign\Pre\m\p\ots\sheet\162192-ahr-detail-ada-06.dgn

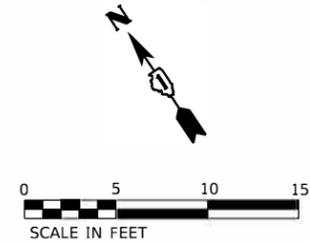
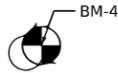
USER NAME = RGall	DESIGNED - CS / SH	REVISED - <span style="border: 1px solid black; padding: 2px;">▲</span> 5/14/2020 RG
	DRAWN - CS / SH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - RG	REVISED -
PLOT DATE = 5/14/2020	DATE - 5/14/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

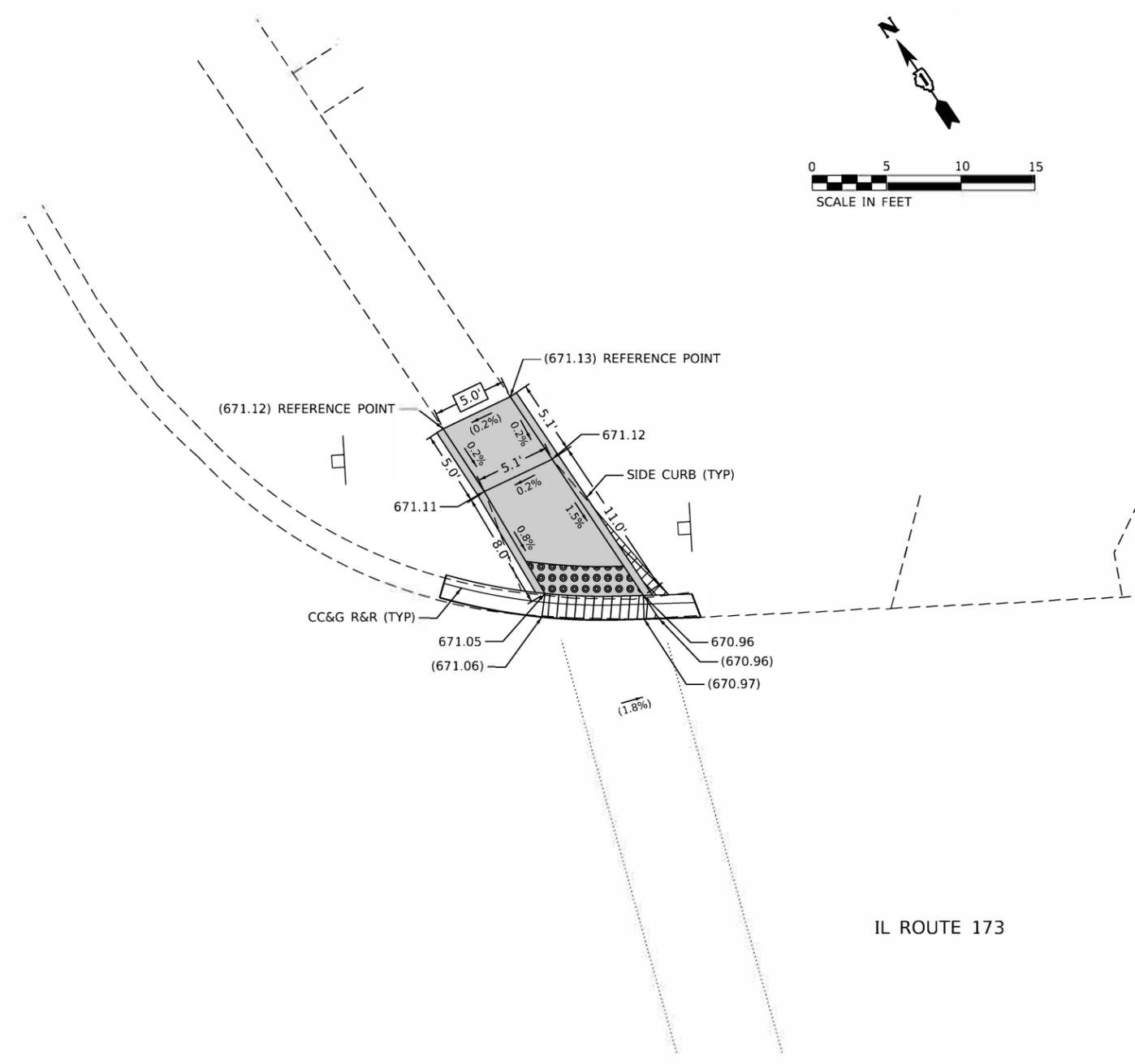
<b>ADA RAMP DETAILS IL RTE 173 AT GALILEE AVE</b>			
SCALE:	SHEET 6	OF 14 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-R5-SW&SR	LAKE	30	20F
CONTRACT NO. 62J92				
ILLINOIS FED. AID PROJECT				





GILEAD AVE



**NOTES**

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM-4 EL 670.97  
 BENCHMARK: SET AT NE FLANGE BOLT OF FH  
 LOCATION: NW COR OF IL 173 AND GILEAD AVE

**LEGEND**

- XX.X' EXISTING LENGTH
- (XXX.XX) EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- SIDE CURB

- ADDED SHEET

MODEL: Default  
FILE NAME: 21130388.02 IDOT D1 PFB 192-207 W002 IL 173 ADA RampsDC\Wdesign\Pre\m\plotsheets\162192-207-ahr-detail-ADA-08.dgn

USER NAME = RGall	DESIGNED - CS / SH	REVISED -  5/14/2020 RG
	DRAWN - CS / SH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - RG	REVISED -
PLOT DATE = 5/14/2020	DATE - 5/14/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

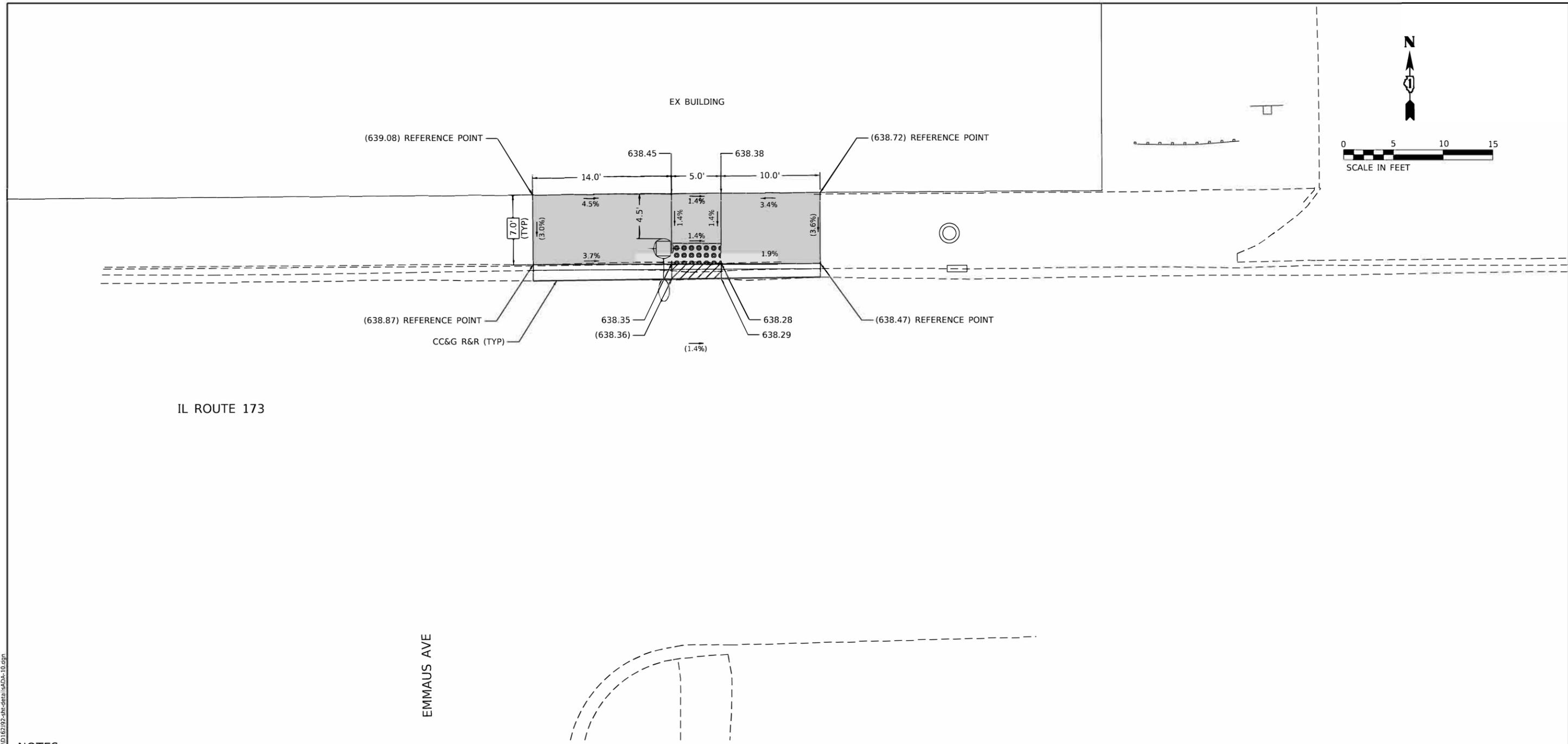
**ADA RAMP DETAILS  
IL RTE 173 AT GILEAD AVE**

SCALE: SHEET 8 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-R5-SW&SR	LAKE	30	20H
			CONTRACT NO. 62J92	
		ILLINOIS	FED. AID PROJECT	



MODEL: Default  
 FILE NAME: Z:\19038.02 IDOT D1 PFB 192-207 MO02 IL 173 ADA Ramps\DCN\Design\Pre\m\PlotSheets\162192-ahb-detail-ADA-10.dgn



**NOTES**

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM-8 EL 643.97 (NOT SHOWN)  
 BENCHMARK: SET AT NE FLANGE BOLT OF FH  
 LOCATION: SW COR OF IL 173 AND EMMAUS AVE

- ADDED SHEET

**LEGEND**

- XX.X' EXISTING LENGTH
- (XXX.XX) EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- SIDE CURB

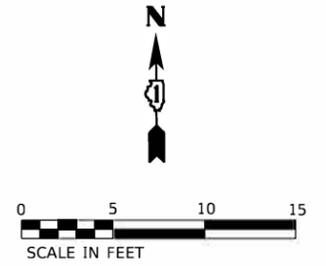
USER NAME = RGall	DESIGNED - CS / SH	REVISED -  5/14/2020 RG
PLOT SCALE = 10.0000' / in.	DRAWN - CS / SH	REVISED -
PLOT DATE = 5/14/2020	CHECKED - RG	REVISED -
	DATE - 5/14/2020	REVISED -

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

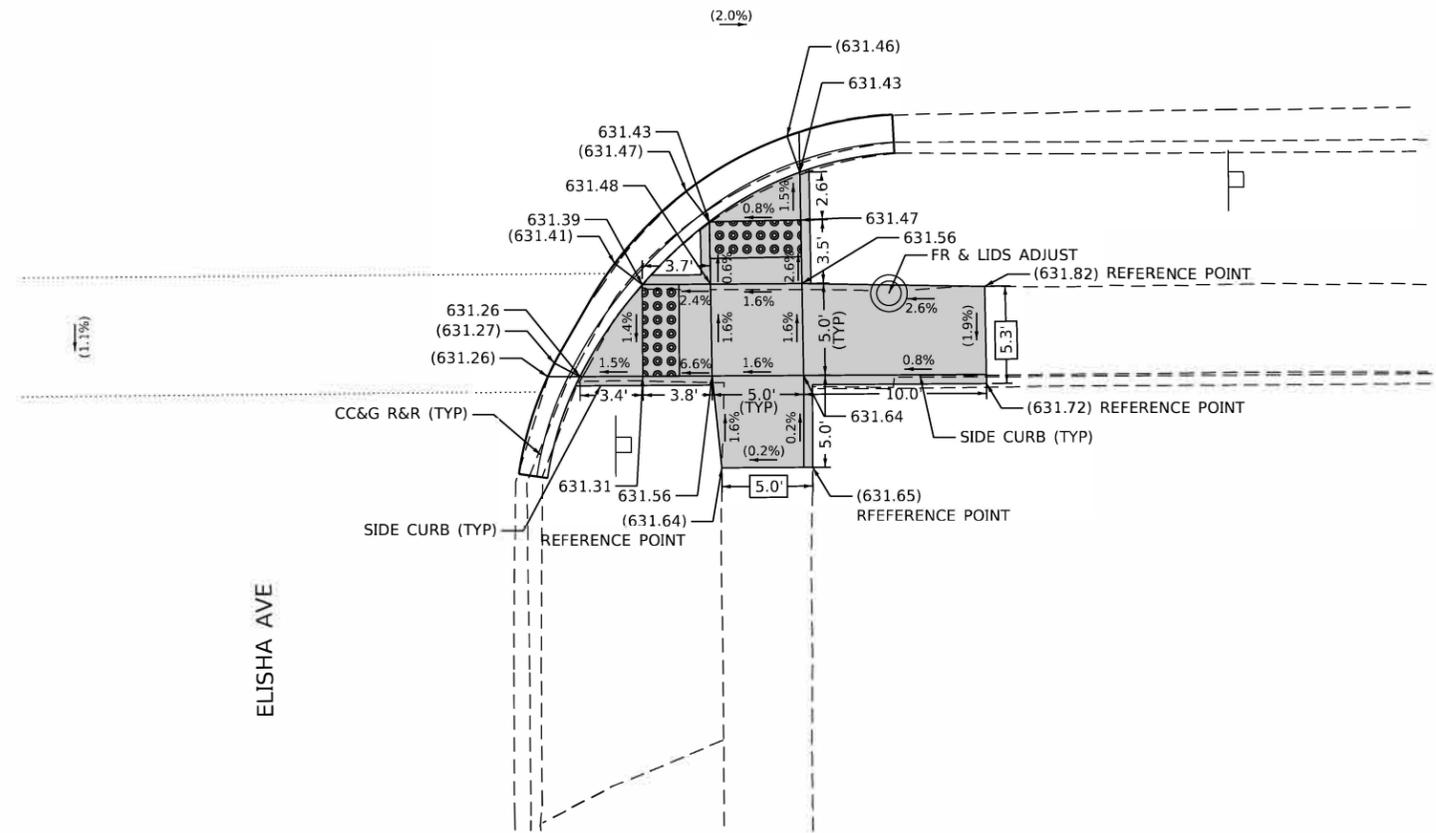
<b>ADA RAMP DETAILS</b>	
<b>IL RTE 173 AT EMMAUS AVE</b>	
SCALE:	SHEET 10 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-R5-SW&SR	LAKE	30	20J
CONTRACT NO. 62J92				
ILLINOIS FED. AID PROJECT				





IL ROUTE 173



ELISHA AVE

**NOTES**

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM-9 EL 634.94  
 BENCHMARK: SET AT NE FLANGE BOLT OF FH  
 LOCATION: SW COR OF IL 173 AND ELISHA AVE

**LEGEND**

- XX.X' EXISTING LENGTH
- (XXX.XX) EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- SIDE CURB

▲ - ADDED SHEET

MODEL: D:\dgn\...  
FILE NAME: 2113038.02 IDOT D1.PFB 192-207.W002 IL 173 ADA Ramps\DC\Design\Pre\m\p\otsheets\162192-ahr-detail-ada-12.dgn

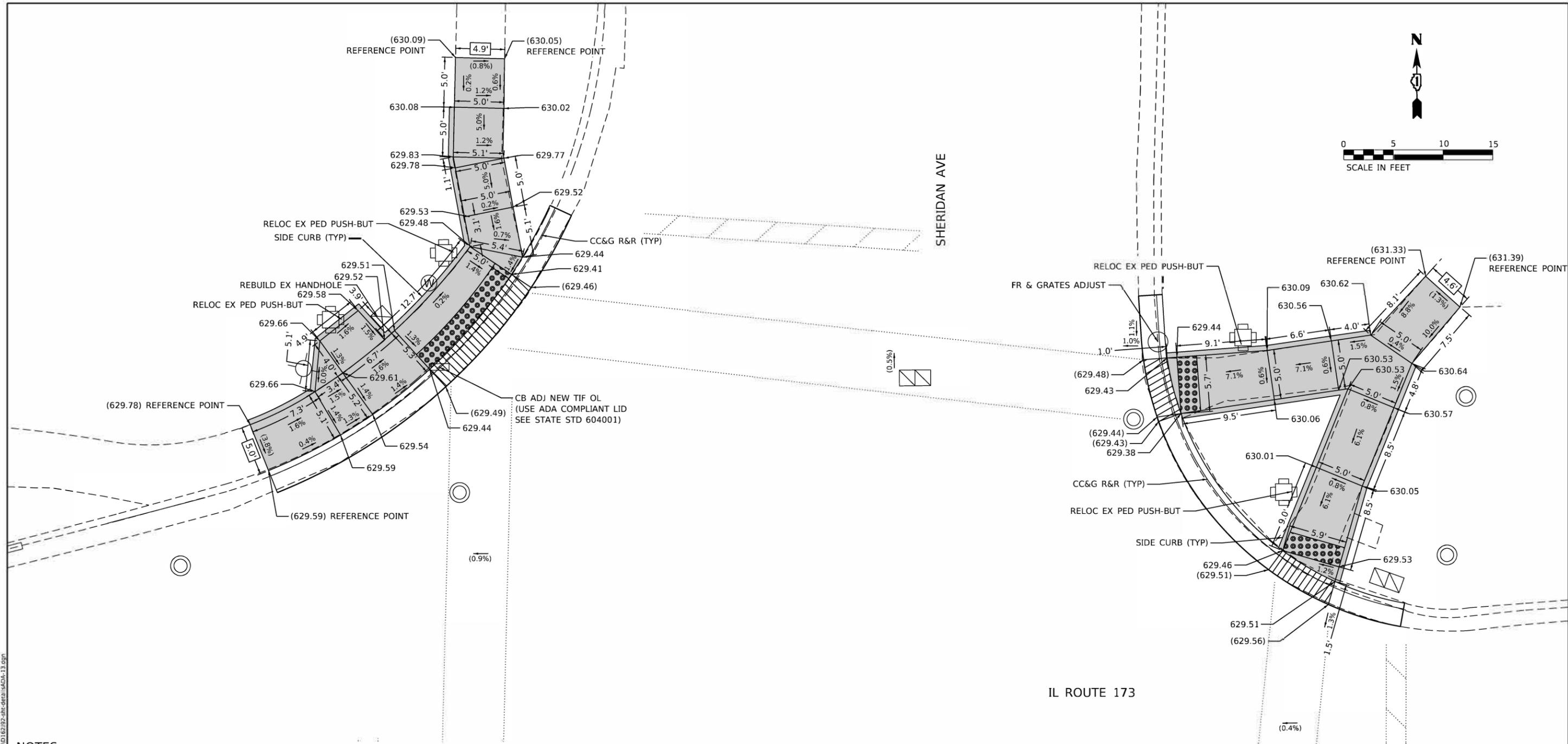
USER NAME = RGall	DESIGNED - CS / SH	REVISED - <span style="border: 1px solid black; padding: 2px;">▲</span> 5/14/2020 RG
	DRAWN - CS / SH	REVISED -
PLOT SCALE = 10.0000" / in.	CHECKED - RG	REVISED -
PLOT DATE = 5/14/2020	DATE - 5/14/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS  
IL RTE 173 AT ELISHA AVE**

SCALE: SHEET 12 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-R5-SW&SR	LAKE	30	20L
CONTRACT NO. 62J92			ILLINOIS FED. AID PROJECT	



**NOTES**

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM-11 EL 631.86 (NOT SHOWN)  
 BENCHMARK: SET AT NE FLANGE BOLT OF FH  
 LOCATION: NW COR OF IL 173 AND SHERIDAN AVE

▲ - ADDED SHEET

**LEGEND**

XX.X'	EXISTING LENGTH
(XXX.XX)	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER
	SIDE CURB

MODEL: D:\defult  
 FILE NAME: 21130338.02 IDOT.D1.PFB.192-207.W002.IL.173 ADA Ramps.DWG Design\Pre\m\pots\sheet\162192-207-ahr-detail\ADA-13.dgn

USER NAME = RGall	DESIGNED - CS / SH	REVISED - 5/14/2020 RG
	DRAWN - CS / SH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - RG	REVISED -
PLOT DATE = 5/14/2020	DATE - 5/14/2020	REVISED -

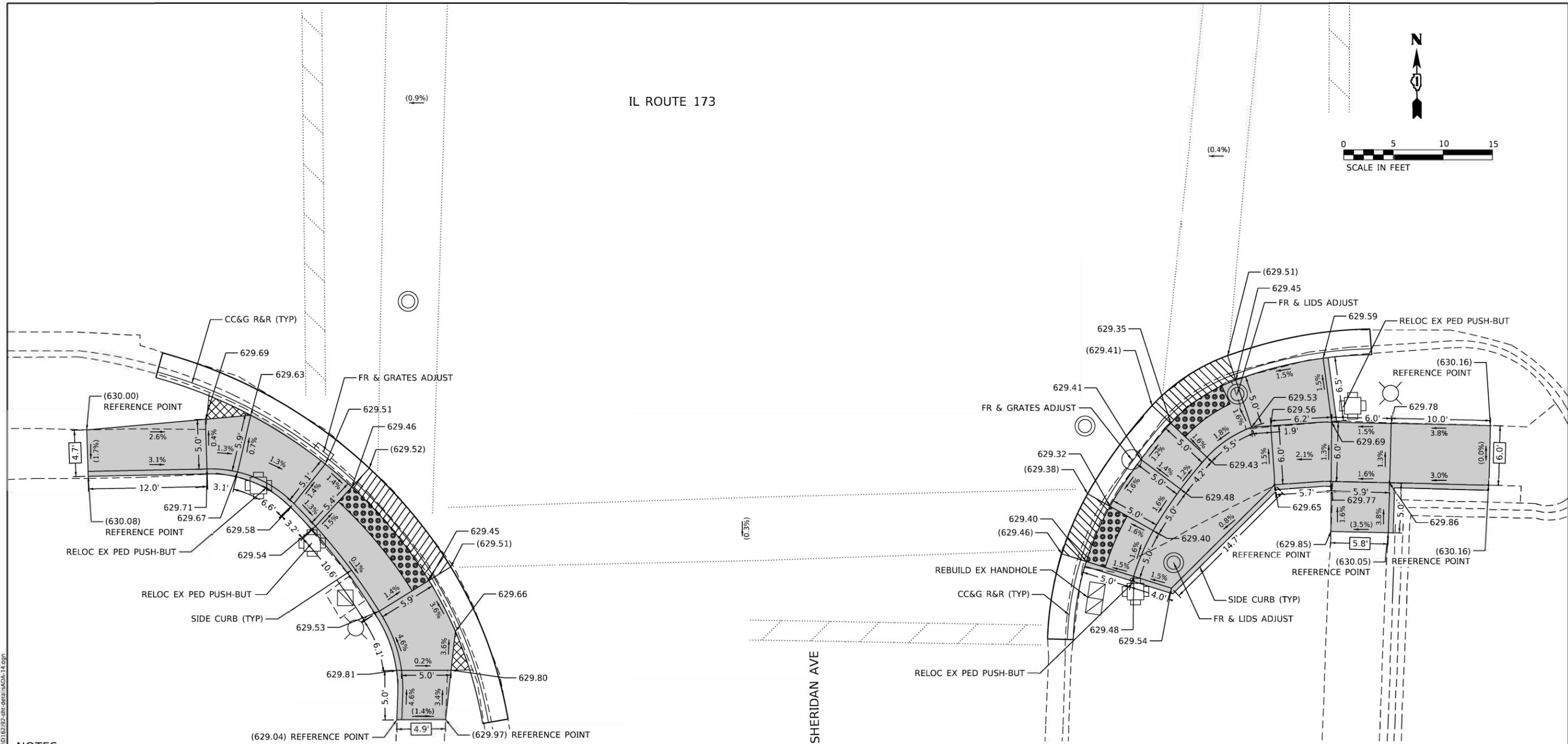
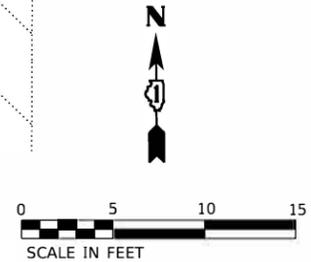
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS  
 IL RTE 173 AT SHERIDAN AVE**

SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-R5-SW&SR	LAKE	30	20M
CONTRACT NO. 62J92				
ILLINOIS FED. AID PROJECT				

IL ROUTE 173



NOTES

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5%, UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM-11 EL 631.86 (NOT SHOWN)  
 BENCHMARK: SET AT NE FLANGE BOLT OF FH  
 LOCATION: NW COR OF IL 173 AND SHERIDAN AVE

**LEGEND**

- XX.X' EXISTING LENGTH
- (XXX.XX) EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- SIDE CURB

- ADDED SHEET

MODEL: Default  
 FILE NAME: 21130338.02.DDOT.D1.PFB.192-207.W002.IL.173.ADA.Ramps.DOCX.Design.Plan.Plot.sheets.D1.62192.sht-detail.40A-14.dgn

USER NAME = RGall	DESIGNED - CS / SH	REVISED -  5/14/2020 RG
PLOT SCALE = 10.0000' / in.	CHECKED - RG	REVISED -
PLOT DATE = 5/14/2020	DATE - 5/14/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS  
IL RTE 173 AT SHERIDAN AVE**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2019-094-R5-SW&SR	LAKE	30	20N
CONTRACT NO. 62J92				
ILLINOIS FED. AID PROJECT				