06-16-2023 LETTING ITEM 121

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	1
	ILLINOIS	CONTRACT NO. 62K04		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 21 /US 20 (LAKE STREET)
AT GARY AVENUE
SECTION: 2019–131–TS&N
PROJECT: HSIP–L2FP(180)
CHANNELIZATION AND TRAFFIC SIGNAL MODERNIZATION
DUPAGE COUNTY

C–91–060–20

D-91-277-20

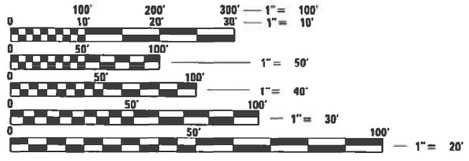
LOCATION OF SECTION INDICATED THUS:–

PROJECT LOCATED IN:
VILLAGE OF HANOVER PARK
VILLAGE OF ROSELLE
UNINCORPORATED BLOOMINGDALE TOWNSHIP

TRAFFIC DATA:

GARY AVE.
2020 – ADT = 5,650 – 18,400
SPEED LIMIT = 45 MPH
MINOR ARTERIAL

US 20 (LAKE ST.)
2021 – ADT = 23,800 – 32,200
SPEED LIMIT = 40 MPH
OTHER PRINCIPAL ARTERIAL

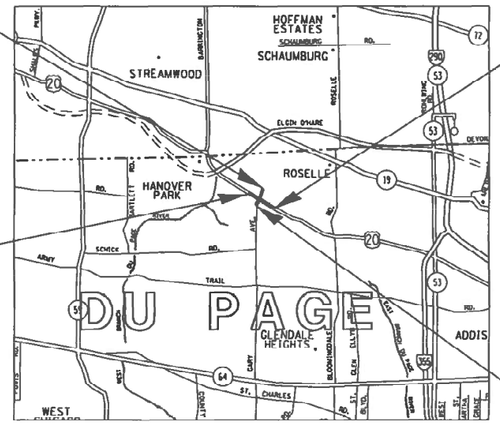


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT LIMIT
GARY AVE.
STA. 206+76

PROJECT LIMIT
US 20 (LAKE ST.)
STA 489+50



BLOOMINGDALE TOWNSHIP

PROJECT LIMIT
US 20 (LAKE ST.)
STA 515+21

N

LOCATION MAP
(NOT TO SCALE)

PROJECT LIMIT
GARY AVE.
STA 194+00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 16 2023
REGIONAL ENGINEER

May 12, 2023
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

GROSS LENGTH = 3847.00 FT. = 0.729 MILE
NET LENGTH = 3847.00 FT. = 0.729 MILE

CONTRACT NO. 62K04

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
4-15	SUMMARY OF QUANTITIES
16-20	TYPICAL SECTIONS
21	SCHEDULE OF QUANTITIES (EARTHWORK)
22-23	ALIGNMENT, TIES, AND BENCHMARKS
24	MAINT. OF TRAFFIC NOTES AND SUGGESTED CONSTRUCTION SEQUENCE
25-30	STAGING TYPICAL SECTIONS
31-41	STAGING CONSTRUCTION
42-48	EXISTING & PROPOSED ROADWAY PLAN & PROFILE
49-50	TREE REMOVAL PLANS AND AND SCHEDULE
51	EROSION CONTROL NOTES
52-53	EROSION CONTROL PLANS
54	LANDSCAPE SCHEDULE
55-57	LANDSCAPING PLANS
58-59	PAVEMENT MARKING PLANS
60-66	EXISTING AND PROPOSED DRAINAGE PLANS AND PROFILE
67	PROPOSED DRAINAGE STRUCTURES
68	PROPOSED DRAINAGE DETAILS
69	PROPOSED DRAINAGE PIPE TABLE
70	PROPOSED PIPE UNDERDRAIN TABLE
71	SIGNAGE SCHEDULE
72-74	PROPOSED SIGNAGE PLANS
75-82	ADA DETAILS
83-92	SUE PLANS
93-102	PLAT OF HIGHWAYS
103	DISTRICT 1 MAST ARM STREET NAME SIGNS (TS-02)
104-110	DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05)
111-121	TRAFFIC SIGNAL PLANS
122	DETECTOR LOOP RE[;ACE,EMT PLAN
123-128	SOIL BORING LOGS
129	RECESSED PAVEMENT MARKER DETAILS
130	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB AND EDGE OF SHOULDERS >= 15' (4.5m) (BD-01)
131	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15' (4.5m) (BD-02)
132	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER (BD-07)
133	DETAIL FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
134	MANHOLE WITH RESRICTOR PLANE (BD-12)
135	PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT (BD-22)
136	CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
137	BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS (BD-32)
138	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
139	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)
140	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
141	TRAFFIC CONTROL AND PROTECTION AY TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
142	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
143	ARTERIAL ROAD INFORMATION SIGNING (TC-22)
144	DRIVEWAY ENTRANCE SIGNING (TC-26)
145-173	CROSS-SECTIONS

STATE STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602401-07	PRECAST MANHOLE TYPE A 4' (1.22m) DIAMETER
602402-03	PRECAST MANHOLE TYPE A 5' (1.52m) DIAMETER
602406-11	PRECAST MANHOLE TYPE A 6' (1.83m) DIAMETER
602411-09	PRECAST MANHOLE TYPE A 7' (2.17m) DIAMETER
602416-09	PRECAST MANHOLE TYPE A 8' (2.44m) DIAMETER
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604051-04	FRAME AND GRATE TYPE 11
604056-04	FRAME AND GRATE TYPE 11V
604091-05	FRAME AND GRATE TYPE 24
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERAION, FOR SPEEDS ⩾ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEED ⩽ 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH NONTRAVERSABLE MEDIAN
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
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTOR LOOPS

GENERAL NOTES

1- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD, FIELD OFFICE, OR STAGING AREA ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT INCLUDING THE ROADSIDE DEVELOPMENT UNIT.

2 - ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

3 - 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.

4 - DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMIND IN THE FIELD BY THE ENGINEER.

5 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATION AND VERIFYING THE MAST ARM LENGTH.

6 - 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.

7 - THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 OR KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

8 - THE ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, AT WALTER.CZARNY@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

9 - THE CONTRACTOR SHALL 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 SHALL DELIVER THE RECORD TO THE ENGINEER.

10 - 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 STANDARDS SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

11 - DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

12 - PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

13 - BUTT JOINTS SHALL 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.

14 - ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.

15 - 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.

16 - SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

17 - GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE 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 ABOVE ITEM 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 SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

18 - THE EXACT LOCATION OF ALL UTILITES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

19 - IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT ELECTRICAL FACILITIES FROM THE DISTRICTONE ELECTRICAL MAINTENANCE CONTRACTOR PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.

20 - THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR UNDERGROUND AND OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL NOTIFY THE AREA ENGINEER, THE RESIDENT ENGINEER AND ANY IMPACTED UTILITY COMPANY OF THE CONFLICT, AND SHALL COORDINATE AND RESOLVE THE ISSUE PRIOIR TO ORDERING MATERIALS, AND PRIOR TO POURING FOUNDATIONS.

GENERAL NOTES CONTINUE ON THE NEXT SHEET

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USER NAME = Rana,Kalo	DESIGNED -	REVISED -	RK - 3/15/2021
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	2
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES (CONTINUE):

21 - RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

22 - PARTIAL PAYMENT AS DESCRIBED IN ARTICLE 109.07(b) OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED FOR ITEMS INCLUDED IN THIS CONTRACT.

23 - LOCATIONS WITH PEDESTRIAN EQUIPMENT HAVE BEEN DESIGNED TO BE ADA COMPLIANT. ANY DEVIATION FROM THE PLANS FOR TRAFFIC SIGNAL MAST ARM/POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO INSURE ADA COMPLIANCE.

24 - 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 UNDERDRAINS.

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

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

27 - THE AGGREGATE GRADIATION FOR THE AGGREGATE SUBGRADE IMPRVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

28 - BACKFILLING STORMSEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.

29- PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT DUE TO THE PROXIMITY TO THE EXISTING WELAND. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).

30- THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF THE EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF HANOVER PARK AND VILLAGE OF ROSELLE.

31- EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.

32- IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171 TO SCHEDULE A WALK THROUGH TO DETERMINE TREE PROTECTION, TREE REMOVAL, SELECTIVE CLEARING, AND OTHER FORESTRY WORK AT A MINIMUM OF 14 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL TREE PROTECTION, TREE REMOVAL, SELECTIVE CLEARING, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ROADSIDE DEVELOPMENT UNIT.

33- THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED, OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTUCTION WORK HAS BEEN COMPLETED.

34- THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT LANDSCAPE TECHNICIAN IN SHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171 WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES, AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

35- THE CONTRACTOR WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT IN THE BUREAU OF MAINTENANCE AT 847.705.4171 AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT APPROVAL OF THE NATIVE SEEDING, TREES, SHRUBS, PERENNIALS AND PLUGS.

36- THE CONTRACTOR WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171, TO SCHEDULE LAYOUT OF AREAS TO BE TREATED WITH HERBICIDE AT LEAST 7 DAYS PRIOR TO THE APPLICATION.

37- THE CONTRACTOR SHALL OBSERVE AND COMPLY WITH ALL SECTIONS OF THE ILLINOIS CUSTOM SPRAY LAW, INCLUDING LICENSING. CONTRACTOR PERSONNEL APPLYING HERBICIDES SHALL HAVE A VALID PESTICIDE APPLICATOR LICENSE ISSUED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE. THE LICENSED PESTICIDE APPLICATOR SHALL SUBMIT THEIR CURRENT LICENSE TO THE ENGINEER. THE LICENSED PESTICIDE APPLICATOR SHALL BE QUALIFIED AT A MINIMUM IN RIGHT-OF-WAY AND AQUATICS. THE LICENSED APPLICATOR SHALL WORK ON-SITE.

38- THE CONTRACTOR WILL NEED TO COORDINATE CONTRACT 62K04 WITH CONTRACT 62T54.

39- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDLINES FOR ACCEPTABLE BWU PRACTICIES CAN BE FOUND IN SECTION II.G.1 AND 2 IN THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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21	2019-131-TS&N	DUPAGE	173	3
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT	URBAN	90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	144	144					
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	123	123					
	20101000	TEMPORARY FENCE	FOOT	1755	1755					
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	25	25					
	20200100	EARTH EXCAVATION	CU YD	3756	3756					
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE	CU YD	747	747					
		MATERIAL								
	20400800	FURNISHED EXCAVATION	CU YD	585	585					
	20800150	TRENCH BACKFILL	CU YD	353.07	353.07					
	21001000	GEOTECHNICAL FABRIC FOR GROUND	SQ YD	1473	1473					
		STABILIZATION								
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	7335	7335					
*	25000210	SEEDING, CLASS 2A	ACRE	0.5	0.5					
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	35	35					
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	35	35					
	25000750	MOWING	ACRE	5	5					
*	25100115	MULCH, METHOD 2	ACRE	1	1					

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT	URBAN	90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	25200110	SODDING, SALT TOLERANT	SQ YD	13142	13142					
*	25200200	SUPPLEMENTAL WATERING	UNIT	151.5	151.5					
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	95	95					
*	28000305	TEMPORARY DITCH CHECKS	FOOT	94	94					
*	28000400	PERIMETER EROSION BARRIER	FOOT	2907	2907					
*	28000510	INLET FILTERS	EACH	26	26					
	28100107	STONE RIPRAP, CLASS A4	SQ YD	8.8	8.8					
*	28200200	FILTER FABRIC	SQ YD	26	26					
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	651	651					
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	6133	6133					
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	435	435					
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	249	249					
	35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	3200	3200					
	35600716	HOT-MIX ASPHALT BASE COURSE WIDENING,	SQ YD	772	772					
		10"								
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	23228	23228					
		*SPECIALTY ITEMS								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	4
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	19772	19772					
40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	45.7	45.7					
	FLANGEWAYS								
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SQ YD	237	237					
	JOINT								
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER	TON	1420	1420					
	COURSE, IL-4.75, N50								
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5,	TON	77	77					
	MIX "D", N50								
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE	TON	3373	3373					
	COURSE, STONE MATRIX ASPHALT, 9.5, MIX								
	"F", N80								
42001300	PROTECTIVE COAT	SQ YD	5701	5701					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY	SQ YD	303	303					
	PAVEMENT, 8 INCH								
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5	SQ FT	18754	18754					
	INCH								
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8	SQ FT	626	626					
	INCH								
42400435	PORTLAND CEMENT CONCRETE SIDEWALK 10	SQ FT	194	194					
	INCH								

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
42400800	DETECTABLE WARNINGS	SQ FT	345	345					
44000100	PAVEMENT REMOVAL	SQ YD	1992	1992					
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2	SQ YD	30440	30440					
	1/2"								
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1548	1548					
44000300	CURB REMOVAL	FOOT	106	106					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5573	5573					
44000600	SIDEWALK REMOVAL	SQ FT	7407	7407					
44003100	MEDIAN REMOVAL	SQ FT	1983	1983					
44004250	PAVED SHOULDER REMOVAL	SQ YD	135	135					
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	330	330					
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	150	150					
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	150	150					
44201899	CLASS D PATCHES, TYPE II, 21 INCH	SQ YD	309	309					
44201903	CLASS D PATCHES, TYPE III, 21 INCH	SQ YD	150	150					
44201905	CLASS D PATCHES, TYPE IV, 21 INCH	SQ YD	150	150					
	*SPECIALTY ITEMS								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	5
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
50105220	PIPE CULVERT REMOVAL	FOOT	85	85					
54213657	PRECAST REINFORCED CONCRETE FLARED END	EACH	1	1					
	SECTIONS 12"								
54213660	PRECAST REINFORCED CONCRETE FLARED END	EACH	6	6					
	SECTIONS 15"								
54213663	PRECAST REINFORCED CONCRETE FLARED END	EACH	2	2					
	SECTIONS 18"								
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	104	104					
542A1075	PIPE CULVERTS, CLASS A, TYPE 2 30"	FOOT	89	89					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	409	409					
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	4	4					
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	236	236					
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	424	424					
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	432	432					
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	9	9					
55100500	STORM SEWER REMOVAL 12"	FOOT	646	646					
55100900	STORM SEWER REMOVAL 18"	FOOT	316	316					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
55101200	STORM SEWER REMOVAL 24"	FOOT	231	231					
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	8.47	8.47					
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	3489	3489					
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE	EACH	1	1					
	1 FRAME, OPEN LID								
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE	EACH	1	1					
	11 FRAME AND GRATE								
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE	EACH	1	1					
	11V FRAME AND GRATE								
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE	EACH	4	4					
	24 FRAME AND GRATE								
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE	EACH	1	1					
	8 GRATE								
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME,	EACH	2	2					
	OPEN LID								
60207905	CATCH BASINS, TYPE C, TYPE 11 FRAME AND	EACH	1	1					
	GRATE								
60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME	EACH	3	3					
	AND GRATE								
	*SPECIALTY ITEMS								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	6
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND	EACH	10	10					
	GRATE								
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1	EACH	1	1					
	FRAME, OPEN LID								
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1	EACH	6	6					
	FRAME, CLOSED LID								
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1	EACH	1	1					
	FRAME, CLOSED LID								
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1	EACH	3	3					
	FRAME, CLOSED LID								
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8	EACH	1	1					
	GRATE								
60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24	EACH	1	1					
	FRAME AND GRATE								
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1	EACH	1	1					
	FRAME, CLOSED LID								
60224448	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 8	EACH	1	1					
	GRATE								
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1	EACH	2	2					
	FRAME, CLOSED LID								

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
60254105	CATCH BASINS TO BE RECONSTRUCTED WITH	EACH	1	1					
	NEW TYPE 11V FRAME AND GRATE								
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	10	10					
60500040	REMOVING MANHOLES	EACH	9	9					
60500050	REMOVING CATCH BASINS	EACH	6	6					
60500060	REMOVING INLETS	EACH	12	12					
60600605	CONCRETE CURB, TYPE B	FOOT	232	232					
60603500	COMBINATION CONCRETE CURB AND GUTTER,	FOOT	644	644					
	TYPE B-6.06								
60603800	COMBINATION CONCRETE CURB AND GUTTER,	FOOT	1084	1084					
	TYPE B-6.12								
60605000	COMBINATION CONCRETE CURB AND GUTTER,	FOOT	5118	5118					
	TYPE B-6.24								
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1126	1126					
60623200	CONCRETE MEDIAN, TYPE SM-6.24	SQ FT	2536	2536					
63200310	GUARDRAIL REMOVAL	FOOT	133	133					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	3756	3756					

*SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	7
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

REV-SEP

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE: 90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
	CODE NO	ITEM	UNIT							
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10					
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION	L SUM	1	1					
		PLAN								
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION	L SUM	1	1					
		REPORT								
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	40	40					
	67100100	MOBILIZATION	L SUM	1	1					
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	100	100					
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	29036	29036					
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	35713	35713					
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND	SQ FT	1135	1135					
		SYMBOLS - PAINT								
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"-	FOOT	12715	12715					
		PAINT								
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"-	FOOT	5061	5061					
		PAINT								
	70300251	TEMPORARY PAVEMENT MARKING - LINE 8"-	FOOT	971	971					
		PAINT								

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE: 90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
	CODE NO	ITEM	UNIT							
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"-	FOOT	981	981					
		PAINT								
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"-	FOOT	314	314					
		PAINT								
	70306120	TEMPORARY PAVEMENT MARKING - LINE 4" -	FOOT	7259	7259					
		TYPE III TAPE								
	70307100	TEMPORARY PAVEMENT MARKING LETTERS AND	SQ FT	2399	2399					
		SYMBOLS - TYPE IV TAPE								
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" -	FOOT	32995	32995					
		TYPE IV TAPE								
	70307130	TEMPORARY PAVEMENT MARKING - LINE 6" -	FOOT	9198	9198					
		TYPE IV TAPE								
	70307140	TEMPORARY PAVEMENT MARKING - LINE 8" -	FOOT	1312	1312					
		TYPE IV TAPE								
	70307160	TEMPORARY PAVEMENT MARKING - LINE 12"-	FOOT	694	694					
		TYPE IV TAPE								
	70307210	TEMPORARY PAVEMENT MARKING - LINE 24"-	FOOT	624	624					
		TYPE IV TAPE								
*	72000100	SIGN PANEL - TYPE 1	SQ FT	313.2	239.2	74				
*	72000200	SIGN PANEL - TYPE 2	SQ FT	25		25				
		*SPECIALTY ITEMS								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	8
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

REV-SEP

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	29	29					
*	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3					
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	107	107					
*	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	26	26					
*	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3					
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	175	175					
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	5	5					
✳	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1135	1135					
✳	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12715	12715					
✳	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5061	5061					
✳	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	971	971					
✳	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	981	981					
✳	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	314	314					

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
✳	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	46	46					
✳	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	126	126					
✳	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	189	189					
✳	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	17	17					
✳	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	299	299					
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	352	352					
	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	5367	5367					
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	304	304					
✳	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2539		2539				
✳	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	180		180				
✳	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	825		825				

✳ SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	9
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

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	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	81400100	HANDHOLE	EACH	6		6				
*	81400200	HEAVY-DUTY HANDHOLE	EACH	2		2				
*	81400300	DOUBLE HANDHOLE	EACH	3		3				
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL	EACH	2		2				
		INSTALLATION								
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	3594		3594				
		14 2C								
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	4881		4881				
		14 3C								
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	3720		3720				
		14 5C								
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	2574		2574				
		14 7C								
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO.	FOOT	3545		3545				
		14 1 PAIR								
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO.	FOOT	56		56				
		6 2 C								
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT	FOOT	1172		1172				
		GROUNDING CONDUCTOR, NO. 6 1C								

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL	EACH	3		3				
		16 FT.								
*	87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26	EACH	1		1				
		FT.								
*	87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46	EACH	1		1				
		FT.								
*	87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48	EACH	2		2				
		FT.								
*	87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND	EACH	1		1				
		POLE 50 FT.								
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16		16				
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4				
*	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH	FOOT	10		10				
		DIAMETER								
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH	FOOT	54		54				
		DIAMETER								
*	87900200	DRILL EXISTING HANDHOLE	EACH	2		2				
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION,	EACH	11		11				
		MAST-ARM MOUNTED								

*SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	10
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

REV-SEP

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION,	EACH	3		3				
		BRACKET MOUNTED								
*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION,	EACH	6		6				
		BRACKET MOUNTED								
*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION,	EACH	3		3				
		MAST-ARM MOUNTED								
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE,	EACH	14		14				
		BRACKET MOUNTED WITH COUNTDOWN TIMER								
*	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED,	EACH	14		14				
		FORMED PLASTIC								
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	10		10				
*	88600100	DETECTOR LOOP, TYPE I	FOOT	492		492				
*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	65	65					
*	88700200	LIGHT DETECTOR	EACH	4			4			
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1			1			
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1				
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4118		4118				
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL	EACH	1		1				
		EQUIPMENT								

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	89502380	REMOVE EXISTING HANDHOLE	EACH	17		15	2			
*	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2		2				
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9		9				
*	A2002008	TREE, AESCULUS FLAVEA (YELLOW SWEET	EACH	1	1					
		BUCKEYE), 2" CALIPER, BALLED AND								
		BURLAPPED								
*	A2002470	TREE, BETULA NIGRA HERITAGE (HERITAGE	EACH	4	4					
		RIVER BIRCH), 8' HEIGHT, CLUMP FORM,								
		BALLED AND BURLAPPED								
*	A2002516	TREE, CARPINUS CAROLINIANA (AMERICAN	EACH	5	5					
		HORNBEAM), 2" CALIPER, BALLED AND								
		BURLAPPED								
*	A2002716	TREE, CARYA OVATA (SHAGBARK HICKORY),	EACH	3	3					
		2" CALIPER, BALLED AND BURLAPPED								
*	A2002916	TREE, CELTIS OCCIDENTALIS (COMMON	EACH	7	7					
		HACKBERRY), 2" CALIPER, BALLED AND								
		BURLAPPED								
*	A2004512	TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN	EACH	4	4					
		GOLD GINKGO), 2" CALIPER, BALLED AND								
		BURLAPPED								
		*SPECIALTY ITEMS								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	11
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

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REV-SEP

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	A2004700	TREE, GLEDITSIA TRIACANTHOS INERMIS	EACH	2	2					
		(IMPERIAL HONEYLOCUST), 2" CALIPER, 24"								
		HEIGHT, BALLED AND BURLAPPED								
*	A2005040	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS	EACH	10	10					
		(ESPRESSO KENTUCKY COFFEETREE), 2-1/2"								
		CALIPER, BALLED AND BURLAPPED								
*	A2005416	TREE, LIRIODENDRON TULIPIFERA (TULIP	EACH	2	2					
		TREE), 2" CALIPER, BALLED AND BURLAPPED								
*	A2005516	TREE, NYSSA SYLVATICA (BLACK TUPELO),	EACH	2	2					
		2" CALIPER, BALLED AND BURLAPPED								
*	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE	EACH	4	4					
		OAK), 2" CALIPER, BALLED AND BURLAPPED								
*	A2006616	TREE, QUERCUS IMBRICARIA (SHINGLE OAK),	EACH	4	4					
		2" CALIPER, BALLED AND BURLAPPED								
*	A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2"	EACH	3	3					
		CALIPER, BALLED AND BURLAPPED								
*	A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN	EACH	2	2					
		OAK), 2" CALIPER, BALLED AND BURLAPPED								
*	A2007150	TREE, QUERCUS VELUTINA (BLACK OAK), 2"	EACH	4	4					
		CALIPER, BALLED AND BURLAPPED								

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	A2007816	TREE, TILIA AMERICANA (AMERICAN LINDEN/	EACH	2	2					
		BASSWOOD), 2" CALIPER, BALLED AND								
		BURLAPPED								
*	B2000132	TREE, ACER FREEMANII BAILSTON (MATADOR	EACH	6	6					
		MAPLE), 2-1/2" CALIPER, BALLED AND								
		BURLAPPED								
*	B2000766	TREE, AMELANCHIER X GRANDIFLORA AUTUMN	EACH	2	2					
		BRILLIANCE (AUTUMN BRILLIANCE SERVICE								
		BERRY), 6' HEIGHT, SHRUB FORM, BALLED								
		AND BURLAPPED								
*	B2004216	TREE, MALUS PROFUSION (PROFUSION CRAB	EACH	1	1					
		APPLE), 2" CALIPER, TREE FORM, BALLED								
		AND BURLAPPED								
*	B2006316	TREE, SYRINGA RETICULATA IVORY SILK	EACH	3	3					
		(IVORY SILK JAPANESE TREE LILAC), 2"								
		CALIPER, TREE FORM, BALLED AND								
		BURLAPPED								
*	C2C03224	SHRUB, FOTHERGILLA GARDENII (DWARF	EACH	7	7					
		FOTHERGILLA), 2' HEIGHT, CONTAINER								
*	C2C043G5	SHRUB, LINDERA BENZOIN (SPICEBUSH),	EACH	3	3					
		CONTAINER GROWN, 5-GALLON								
*	D2000172	EVERGREEN, ABIES CONCOLOR (WHITE FIR),	EACH	7	7					
		6' HEIGHT, BALLED AND BURLAPPED								
		*SPECIALTY ITEMS								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	12
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

REV-SEP

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	D2003184	EVERGREEN, PSUEDOTSUGA MENZIESII	EACH	5	5					
		(DOUGLAS FIR), 7' HEIGHT, BALLED AND								
		BURLAPPED								
*	K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	9	9					
*	K0013010	PERENNIAL PLANTS, PRAIRIE TYPE, QUART	UNIT	3.5	3.5					
		POT								
*	K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2"	UNIT	6.08	6.08					
		DIAMETER BY 4" DEEP PLUG								
*	K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	0.5	0.5					
*	K0029632	WEED CONTROL, NON-SELECTIVE AND	GALLON	2	2					
		NON-RESIDUAL								
	K1005465	SELECTIVE MOWING STAKES	EACH	9	9					
*	K1005863	TREE ROOT PRUNING	EACH	25	25					
	X5427602	REMOVE EXISTING FLARED END SECTION	EACH	2	2					
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE	FOOT	1189			1189			
		SENSOR CABLE, NO. 20 3/C								
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	3174		3174				
*	X1400108	FULL-ACTUATED CONTROLLER AND TYPE SUPER	EACH	1		1				
		R CABINET (SPECIAL)								

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED,	EACH	1		1				
		METERED								
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3		3				
*	X1400388	VIDEO VEHICLE DETECTION SYSTEM, SINGLE	EACH	2		2				
		APPROACH								
	X2000001	WEED CONTROL, NATIVE LANDSCAPE	UNIT	10	10					
		REMEDIATION								
*	X2501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	0.75	0.75					
*	X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	0.75	0.75					
*	X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	0.25	0.25					
*	X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	4589	4589					
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	4	4					
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	10	10					
*	X4400503	COMBINATION CONCRETE CURB AND GUTTER	FOOT	153	153					
		REMOVAL AND REPLACEMENT GREATER THAN								
		10 FEET								
	X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1030				1030		
	X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	30				30		
		*SPECIALTY ITEMS								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	13
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	70				70		
X5538400	STORM SEWERS TO BE CLEANED 30"	FOOT	40				40		
X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	330				330		
X5538700	STORM SEWERS TO BE CLEANED 42"	FOOT	120				120		
X5538800	STORM SEWERS TO BE CLEANED 48"	FOOT	740				740		
X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2	EACH	1	1					
	TYPE 1 FRAME, CLOSED LID, RESTRICTOR								
	PLATE								
X6030310	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2					
	(SPECIAL)								
X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SQ FT	6237	6237					
X6350120	DELINEATOR REMOVAL	EACH	1	1					
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	18	18					
* X7010216	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	(SPECIAL)								
* X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	153	153					
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1				
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	14		14				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
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* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH	FOOT	12		12				
	DIAMETER								
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	10				10		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	115.3	115.3					
* Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL	EACH	1		1				
	2								
Z0062456	TEMPORARY PAVEMENT	SQ YD	371	371					
Z0064800	SELECTIVE CLEARING	UNIT	5	5					
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1				
X2010404	STUMP REMOVAL	EACH	3	3					
* B2010072	TREE, CALDRASTIS KENTUCKEA PERKINS PINK	EACH	3	3					
	(PERKINS PINK AMERICAN YELLOWWOOD)								
	2" CALIPER, BALLED AND BURLAPPED								
* A2006702	TREE, QUERCUS MACROCARPA JFS-KW3	EACH	5	5					
	(URBAN PINNACLE BUR OAK),								
	2" CALIPER, BALLED AND BURLAPPED								
* A2008464	TREE, ULMUS AMERICANA NEW HARMONY	EACH	4	4					
	(NEW HARMONY AMERICAN ELM), 2" CALIPER,								
	BALLED AND BURLAPPED								

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	14
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

REV-SEP

	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
	CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		
*	C2001103	SHRUB, CEPHALANTHUS OCCIDENTALIS SMCOSS	EACH	9	9					
		(SUGAR SHACK BUTTONBUSH), CONTAINER GROWN,								
		3-GALLON								
*	C2C03727	SHRUB, HYPERICUM KALMIANUM (KALM ST	EACH	30	30					
		JOHNSWORT), 18" WIDTH, 5-GALLON CONTAINER								
*	A2015980	TREE, FAGUS GRANDIFLORA (AMERICAN BEECH),	EACH	1	1					
		2" CALIPER, BALLED AND BURLAPPED								
*	B2001206	TREE, CERCIS CANADENSIS COLUMBUS	EACH	4	4					
		(COLUMBUS EASTERN REDBUD), 2-1/2" CALIPER,								
		TREE FORM, BALLED AND BURLAPPED								
*	C2003605	SHRUB, HYDRANGEA QUERCIFOLIA BRENHILL	EACH	14	14					
		(GATSBY GAL OAKLEAF HYDRANGEA), 3 GALLON								
		CONTAINER								
*	C2003913	SHRUB, ILEX VERTICILLATA BERRY POPPINS	EACH	9	9					
		(BERRY POPPINS WINTERBERRY), 3 GALLON								
		CONTAINER								
*	C2003915	SHRUB, ILEX VERTICILLATA MR. POPPINS	EACH	3	3					
		(BERRY POPPINS WINTERBERRY), 3 GALLON								
		CONTAINER								
Ø	Z0076600	TRAINEES	HOURS	1000	1000					
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	1000	1000					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 5% STATE 5% DUPAGE COUNTY 0021 SIGNALS	100% VILLAGE OF ROSELLE EVP 0021	100% STATE 0005		

*SPECIALTY ITEMS

Ø 0042

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	15
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

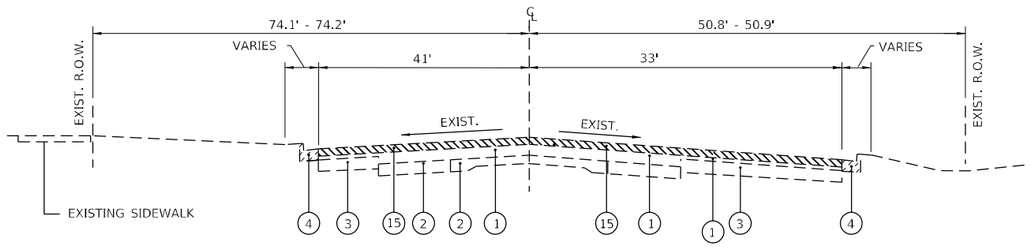
REV-SEP

EXISTING CONDITIONS

1. EXIST. HMA SURFACE, 4" TO 12"
2. EXIST. PCC PAVEMENT, ± 9"
3. EXIST. BASE COURSE WIDENING
4. EXIST. COMB. CURB & GUTTER, TYPE B-6.24
5. EXIST. COMB. CURB & GUTTER, TYPE B-6.18
6. EXIST. HMA SURFACE, 4"
7. EXIST. HMA BASE COURSE, 10"
8. EXIST. SUB-BASE GRANULAR MATERIAL, 6"

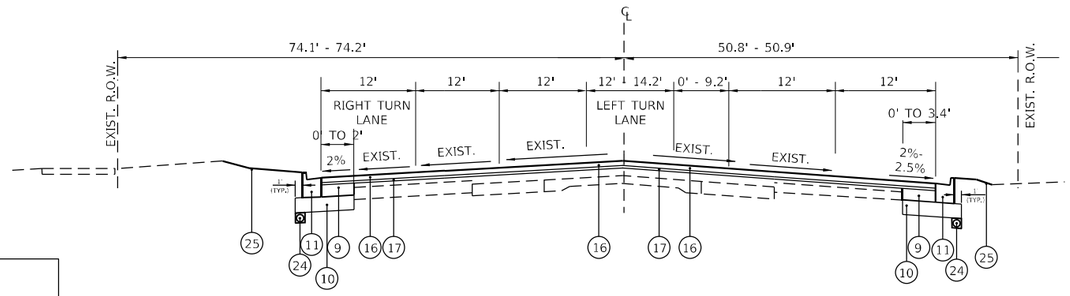
PROPOSED CONDITIONS

9. PROP. HMA BASE COURSE, 10" OR HMA BASE COURSE WIDENING 10" (SEE NOTE)
10. PROP. AGGREGATE SUBGRADE IMPROVEMENT 12"
11. PROP. COMB. CURB & GUTTER, TYPE B-6.24
12. PROP. COMB. CURB & GUTTER, TYPE B-6.06
13. PROP. CONCRETE MEDIAN, TYPE SB (SPECIAL)
14. PROP. PCC SIDEWALK 5"
15. PROP. HMA SURFACE REMOVAL, 2 1/2"
16. PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80 (IL-9.5) - 1 3/4"
17. PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 3/4"
18. PROP. MULTI-USE PATH (PCC SIDEWALK 5")
19. PROP. CROWNED GRASS MEDIAN
20. PROP. GRASS MEDIAN
21. PROP. COMB. CURB & GUTTER, TYPE B-6.12
22. PROP. MEDIAN REMOVAL
23. PROP. PAVEMENT REMOVAL
24. PROP. PIPE UNDERDRAINS, TYPE 2, 4"
25. PROP. TOPSOIL EXCAVATION AND PLACEMENT, 8"
    (SEE PLAN FOR TYPE OF TURF RESTORATION)



EXIST. US ROUTE 20

STA. 489+50 TO STA. 492+35



PROP. US ROUTE 20

STA. 489+50 TO STA. 492+35

LEGEND:

- MEDIAN REMOVAL
  COMB. CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL

NOTE:

FOR WIDENING OF SIX FEET OR LESS USE HOT-MIX ASPHALT BASE COURSE WIDENING 10". FOR WIDENING GREATER THAN SIX FEET USE HOT-MIX ASPHALT BASE COURSE, 10".

NOTES:

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

NOTE 2: 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 RECLAIMED MATERIALS SPECIFICATIONS.

NOTE 3: PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, THICKNESS SHALL BE 10 INCHES. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

NOTE 4: THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLY HMA BC IL-4.75 N50.

NOTES:

THE CONTRACTOR SHALL MILL FIRST BEFORE PATHCING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
ITEM	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT WIDENING US 20 (LAKE ST) AND GARY AVE.	POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"	3.5% @ 80 GYR.	QCP
	POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	QCP
	HMA BASE COURSE, 10" (HMA BINDER IL-19mm)	4% @ 90 GYR	QC/QA
	HMA BASE COURSE WIDENING, 10" (HMA BINDER IL-19mm)	4% @ 90 GYR	QC/QA
PAVEMENT RESURFACING US 20 (LAKE ST) AND GARY AVE.	POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"	3.5% @ 80 GYR.	QCP
	POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	QCP
DRIVEWAYS	HMA SURFACE COURSE IL 9.5 MIX D N50, 2"	4% @ 50 GYR	QC/QA
	HMA BASE COURSE (HMA BINDER IL-19 MM); PE-6"; CE-8"	4% @ 50 GYR	QC/QA
TEMPORARY PAVEMENT	HMA BINDER COURSE, IL 19.0, N70, 8"	4% @ 70 GYR	QC/QA
	HMA SURFACE COURSE, MIX "D", N70, 2" (IL-9.5 MM)	4% @ 70 GYR	QC/QA
PATCHING	CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/QA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP): PAY FOR PERFORMANCE (PFP)

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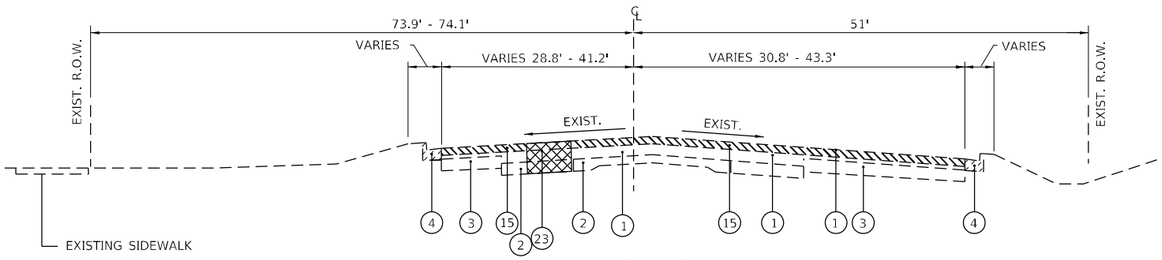
USER NAME = Rana,Kalo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

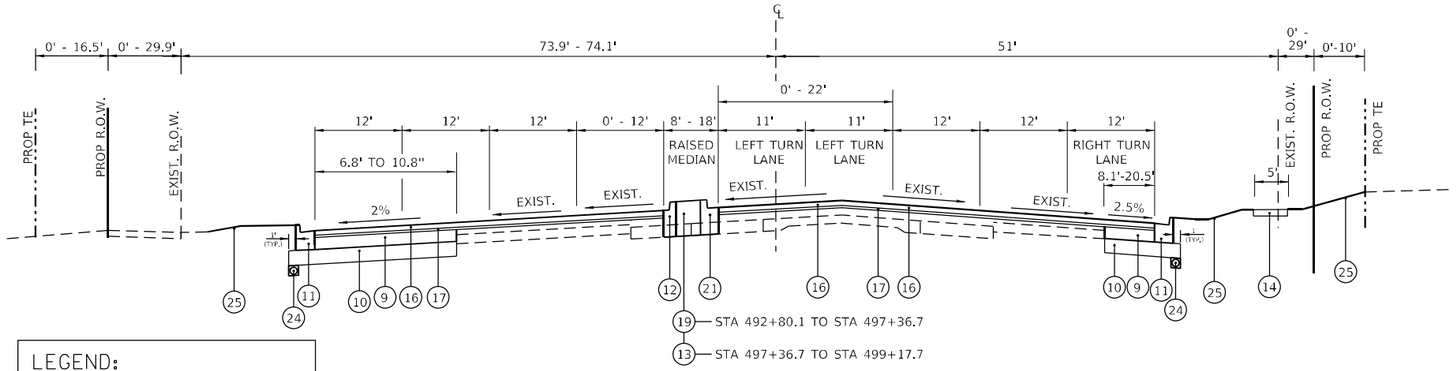
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	16
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	



EXIST. US ROUTE 20

STA. 492+35 TO STA. 500+00



PROP. US ROUTE 20

STA. 492+35 TO STA. 500+00

LEGEND:

- MEDIAN REMOVAL COMB. CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL

EXISTING CONDITIONS

1. EXIST. HMA SURFACE, 4" TO 12"
2. EXIST. PCC PAVEMENT, ∓ 9"
3. EXIST. BASE COURSE WIDENING
4. EXIST. COMB. CURB & GUTTER, TYPE B-6.24
5. EXIST. COMB. CURB & GUTTER, TYPE B-6.18
6. EXIST. HMA SURFACE, 4"
7. EXIST. HMA BASE COURSE, 10"
8. EXIST. SUB-BASE GRANULAR MATERIAL, 6"

PROPOSED CONDITIONS

9. PROP. HMA BASE COURSE, 10" OR HMA BASE COURSE WIDENING 10" (SEE NOTE)
10. PROP. AGGREGATE SUBGRADE IMPROVEMENT 12"
11. PROP. COMB. CURB & GUTTER, TYPE B-6.24
12. PROP. COMB. CURB & GUTTER, TYPE B-6.06
13. PROP. CONCRETE MEDIAN, TYPE SB (SPECIAL)
14. PROP. PCC SIDEWALK 5"
15. PROP. HMA SURFACE REMOVAL, 2 1/2"
16. PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80 (IL-9.5) - 1 3/4"
17. PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 3/4"
18. PROP. MULTI-USE PATH (PCC SIDEWALK 5")
19. PROP. CROWNED GRASS MEDIAN
20. PROP. GRASS MEDIAN
21. PROP. COMB. CURB & GUTTER, TYPE B-6.12
22. PROP. MEDIAN REMOVAL
23. PROP. PAVEMENT REMOVAL
24. PROP. PIPE UNDERDRAINS, TYPE 2, 4"
25. PROP. TOPSOIL EXCAVATION AND PLACEMENT, 8"

(SEE PLAN FOR TYPE OF TURF RESTORATION)

CONCRETE MEDIAN, TYPE (SB (SPECIAL) LOCATION	CURB AND GUTTER TYPE
STA 497+36.7 LT TO STA 499+17.7 LT	B-6.12
STA 497+36.7 LT TO STA 499+17.7 LT	B-6.06
STA 500+63.2 RT TO STA 503+67.0 RT	B-6.12
STA 500+63.2 RT TO STA 503+67.0 RT	B-6.06
STA 197+62.8 LT TO STA 199+32.0 LT	B-6.12
STA 197+62.8 LT TO STA 199+32.0 LT	B-6.06
STA 201+85.6 RT TO STA 204+49.7 LT	B-6.06
STA 201+85.6 RT TO STA 204+49.7 RT	B-6.12

NOTE:

FOR WIDENING OF SIX FEET OR LESS USE HOT-MIX ASPHALT BASE COURSE WIDENING 10". FOR WIDENING GREATER THAN SIX FEET USE HOT-MIX ASPHALT BASE COURSE, 10".

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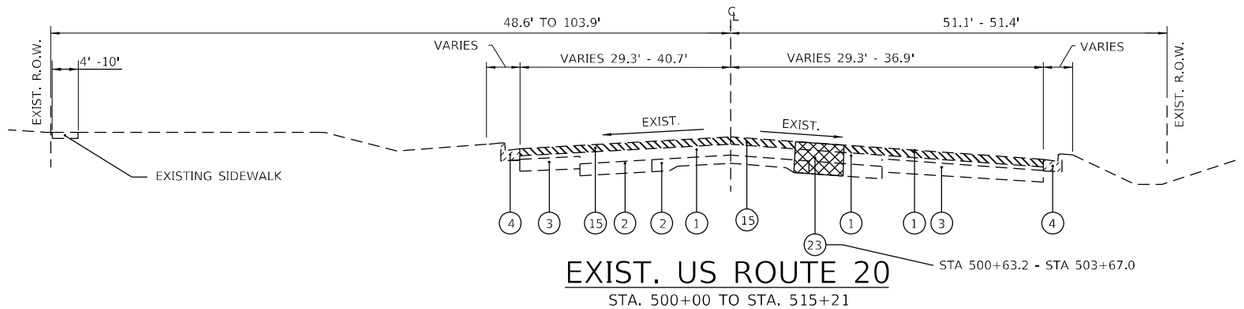
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

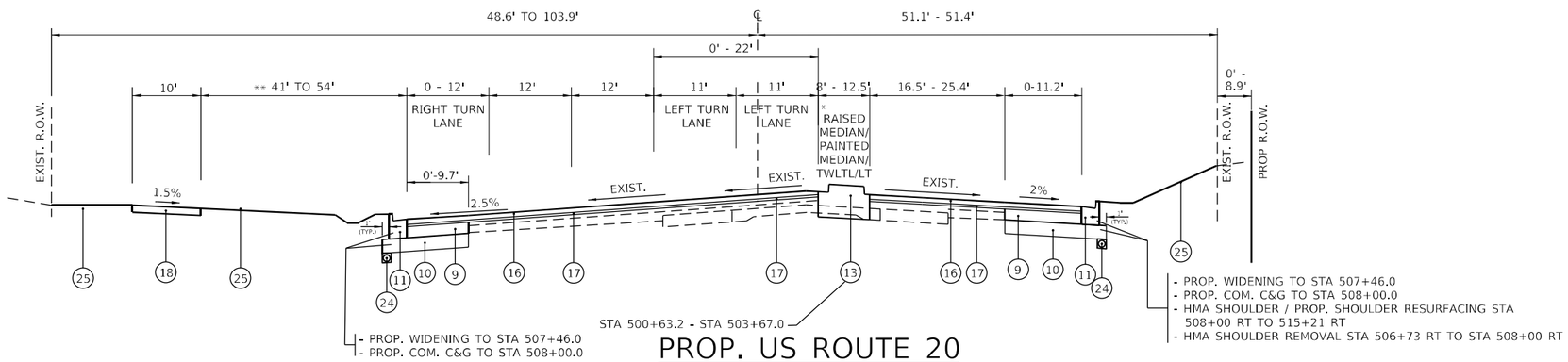
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	17
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	



EXIST. US ROUTE 20

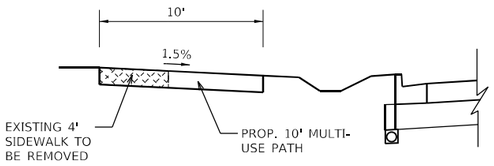
STA. 500+00 TO STA. 515+21



PROP. US ROUTE 20

STA. 500+00 TO STA. 515+21

* - CONCRETE MEDIAN, TYPE SB (SPECIAL) (8'): STA 500+63.2 - STA 503+67.0
- PAINTED MEDIAN (8' -12.5'): STA 503+67.0 - STA 507+46.0
- TWLTL (12.5'): STA 507+46.0 - STA 513+00.0
- LEFT TURN LANE: STA 513+00.0 - STA 515+21.0



DETAIL

STA. 503+36.21 TO STA. 509+90.47 (LT)

CONCRETE MEDIAN, TYPE (SB (SPECIAL) LOCATION	CURB AND GUTTER TYPE
STA 497+36.7 LT TO STA 499+17.7 LT	B-6.12
STA 497+36.7 LT TO STA 499+17.7 LT	B-6.06
STA 500+63.2 RT TO STA 503+67.0 RT	B-6.12
STA 500+63.2 RT TO STA 503+67.0 RT	B-6.06
STA 197+62.8 LT TO STA 199+32.0 LT	B-6.12
STA 197+62.8 LT TO STA 199+32.0 LT	B-6.06
STA 201+85.6 RT TO STA 204+49.7 LT	B-6.06
STA 201+85.6 RT TO STA 204+49.7 RT	B-6.12

NOTE:

FOR WIDENING OF SIX FEET OR LESS USE HOT-MIX ASPHALT BASE COURSE WIDENING 10". FOR WIDENING GREATER THAN SIX FEET USE HOT-MIX ASPHALT BASE COURSE, 10".

EXISTING CONDITIONS

1. EXIST. HMA SURFACE, 4" TO 12"
2. EXIST. PCC PAVEMENT, ± 9"
3. EXIST. BASE COURSE WIDENING
4. EXIST. COMB. CURB & GUTTER, TYPE B-6.24
5. EXIST. COMB. CURB & GUTTER, TYPE B-6.18
6. EXIST. HMA SURFACE, 4"
7. EXIST. HMA BASE COURSE, 10"
8. EXIST. SUB-BASE GRANULAR MATERIAL, 6"

PROPOSED CONDITIONS

9. PROP. HMA BASE COURSE, 10" OR HMA BASE COURSE WIDENING 10" (SEE NOTE)
10. PROP. AGGREGATE SUBGRADE IMPROVEMENT 12"
11. PROP. COMB. CURB & GUTTER, TYPE B-6.24
12. PROP. COMB. CURB & GUTTER, TYPE B-6.06
13. PROP. CONCRETE MEDIAN, TYPE SB (SPECIAL)
14. PROP. PCC SIDEWALK 5"
15. PROP. HMA SURFACE REMOVAL, 2 1/2"
16. PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80 (IL-9.5) - 1 3/4"
17. PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 3/4"
18. PROP. MULTI-USE PATH (PCC SIDEWALK 5")
19. PROP. CROWNED GRASS MEDIAN
20. PROP. GRASS MEDIAN
21. PROP. COMB. CURB & GUTTER, TYPE B-6.12
22. PROP. MEDIAN REMOVAL
23. PROP. PAVEMENT REMOVAL
24. PROP. PIPE UNDERDRAINS, TYPE 2, 4"
25. PROP. TOPSOIL EXCAVATION AND PLACEMENT, 8"

(SEE PLAN FOR TYPE OF TURF RESTORATION)

LEGEND:

- MEDIAN REMOVAL COMB. CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL

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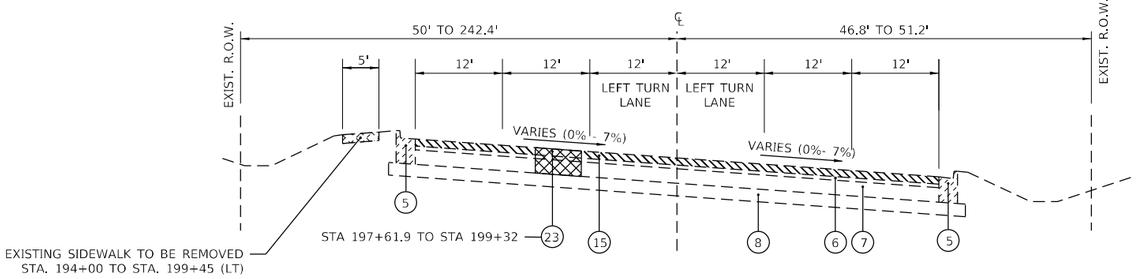
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

TYPICAL SECTIONS
U.S. ROUT 20 (LAKE ST.) AT GARY AVE.

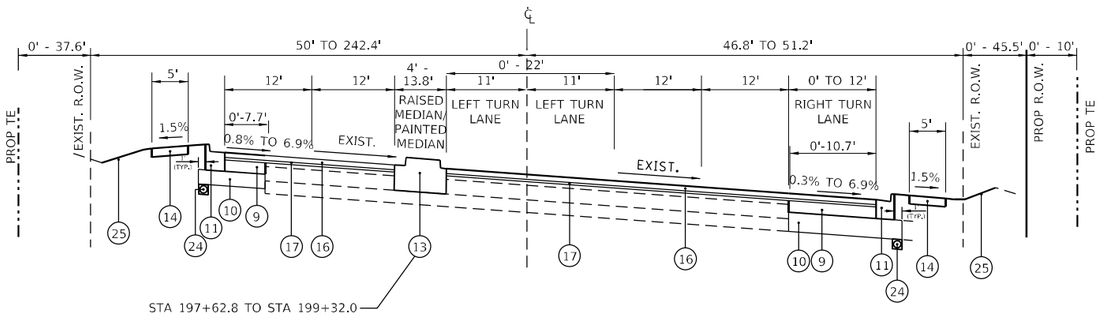
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	18
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



EXIST. GARY AVENUE

STA. 194+00 TO STA. 199+58



PROP. GARY AVENUE

STA. 194+00 TO STA. 199+45

CONCRETE MEDIAN, TYPE (SB (SPECIAL) LOCATION	CURB AND GUTTER TYPE
STA 497+36.7 LT TO STA 499+17.7 LT	B-6.12
STA 497+36.7 LT TO STA 499+17.7 LT	B-6.06
STA 500+63.2 RT TO STA 503+67.0 RT	B-6.12
STA 500+63.2 RT TO STA 503+67.0 RT	B-6.06
STA 197+62.8 LT TO STA 199+32.0 LT	B-6.12
STA 197+62.8 LT TO STA 199+32.0 LT	B-6.06
STA 201+85.6 RT TO STA 204+49.7 LT	B-6.06
STA 201+85.6 RT TO STA 204+49.7 RT	B-6.12

PROPOSED UNDERCUTS	
STATION & OFFSET	REMEDIAL TREATMENT
196+00 TO 198+00 LEFT AND RIGHT WIDENING	2 FEET AGGREGATE SUBGRADE IMPROVEMENT BELOW THE BOTTOM OF AGGREGATE SUBGRADE

EXISTING CONDITIONS

1. EXIST. HMA SURFACE, 4" TO 12"
2. EXIST. PCC PAVEMENT, ∓ 9"
3. EXIST. BASE COURSE WIDENING
4. EXIST. COMB. CURB & GUTTER, TYPE B-6.24
5. EXIST. COMB. CURB & GUTTER, TYPE B-6.18
6. EXIST. HMA SURFACE, 4"
7. EXIST. HMA BASE COURSE, 10"
8. EXIST. SUB-BASE GRANULAR MATERIAL, 6"

PROPOSED CONDITIONS

9. PROP. HMA BASE COURSE, 10" OR HMA BASE COURSE WIDENING 10" (SEE NOTE)
10. PROP. AGGREGATE SUBGRADE IMPROVEMENT 12"
11. PROP. COMB. CURB & GUTTER, TYPE B-6.24
12. PROP. COMB. CURB & GUTTER, TYPE B-6.06
13. PROP. CONCRETE MEDIAN, TYPE SB (SPECIAL)
14. PROP. PCC SIDEWALK 5"
15. PROP. HMA SURFACE REMOVAL, 2 1/2"
16. PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80 (IL-9.5) - 1 3/4"
17. PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 3/4"
18. PROP. MULTI-USE PATH (PCC SIDEWALK 5")
19. PROP. CROWNED GRASS MEDIAN
20. PROP. GRASS MEDIAN
21. PROP. COMB. CURB & GUTTER, TYPE B-6.12
22. PROP. MEDIAN REMOVAL
23. PROP. PAVEMENT REMOVAL
24. PROP. PIPE UNDERDRAINS, TYPE 2, 4"
25. PROP. TOPSOIL EXCAVATION AND PLACEMENT, 8"

(SEE PLAN FOR TYPE OF TURF RESTORATION)

LEGEND:

- MEDIAN REMOVAL, COMB. CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL

NOTE:

FOR WIDENING OF SIX FEET OR LESS USE HOT-MIX ASPHALT BASE COURSE WIDENING 10". FOR WIDENING GREATER THAN SIX FEET USE HOT-MIX ASPHALT BASE COURSE, 10".

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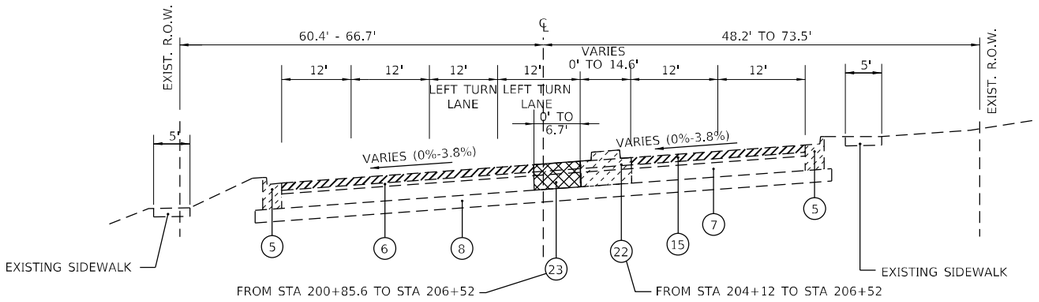
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

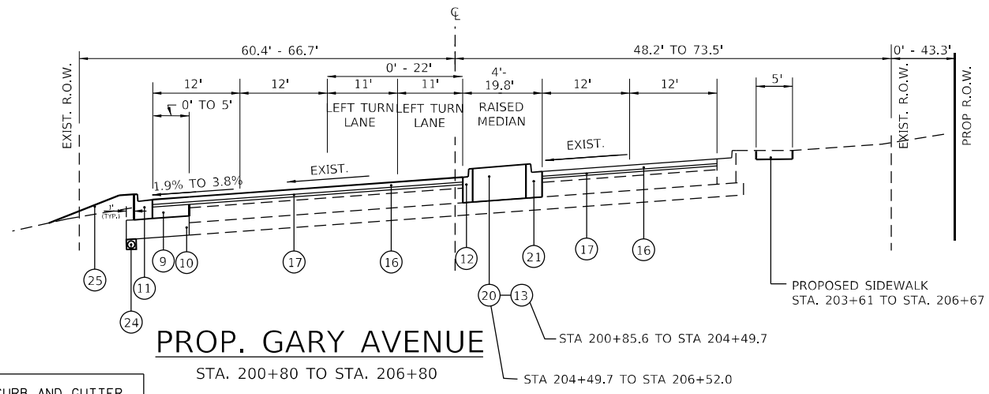
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	19
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	



EXIST. GARY AVENUE

STA. 200+42 TO STA. 206+80



PROP. GARY AVENUE

STA. 200+80 TO STA. 206+80

CONCRETE MEDIAN, TYPE (SB (SPECIAL) LOCATION	CURB AND GUTTER TYPE
STA 497+36.7 LT TO STA 499+17.7 LT	B-6.12
STA 497+36.7 LT TO STA 499+17.7 LT	B-6.06
STA 500+63.2 RT TO STA 503+67.0 RT	B-6.12
STA 500+63.2 RT TO STA 503+67.0 RT	B-6.06
STA 197+62.8 LT TO STA 199+32.0 LT	B-6.12
STA 197+62.8 LT TO STA 199+32.0 LT	B-6.06
STA 201+85.6 RT TO STA 204+49.7 LT	B-6.06
STA 201+85.6 RT TO STA 204+49.7 RT	B-6.12

EXISTING CONDITIONS

1. EXIST. HMA SURFACE, 4" TO 12"
2. EXIST. PCC PAVEMENT, ∓ 9"
3. EXIST. BASE COURSE WIDENING
4. EXIST. COMB. CURB & GUTTER, TYPE B-6.24
5. EXIST. COMB. CURB & GUTTER, TYPE B-6.18
6. EXIST. HMA SURFACE, 4"
7. EXIST. HMA BASE COURSE, 10"
8. EXIST. SUB-BASE GRANULAR MATERIAL, 6"

PROPOSED CONDITIONS

9. PROP. HMA BASE COURSE, 10" OR HMA BASE COURSE WIDENING 10" (SEE NOTE)
10. PROP. AGGREGATE SUBGRADE IMPROVEMENT 12"
11. PROP. COMB. CURB & GUTTER, TYPE B-6.24
12. PROP. COMB. CURB & GUTTER, TYPE B-6.06
13. PROP. CONCRETE MEDIAN, TYPE SB (SPECIAL)
14. PROP. PCC SIDEWALK 5"
15. PROP. HMA SURFACE REMOVAL, 2 1/2"
16. PROP. POLYMERIZED HMA SURFACE COURSE, SMA, N80 (IL-9.5) - 1 3/4"
17. PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 3/4"
18. PROP. MULTI-USE PATH (PCC SIDEWALK 5")
19. PROP. CROWNED GRASS MEDIAN
20. PROP. GRASS MEDIAN
21. PROP. COMB. CURB & GUTTER, TYPE B-6.12
22. PROP. MEDIAN REMOVAL
23. PROP. PAVEMENT REMOVAL
24. PROP. PIPE UNDERDRAINS, TYPE 2, 4"
25. PROP. TOPSOIL EXCAVATION AND PLACEMENT, 8"

(SEE PLAN FOR TYPE OF TURF RESTORATION)

LEGEND:

- MEDIAN REMOVAL
  COMB. CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL

NOTE:

FOR WIDENING OF SIX FEET OR LESS USE HOT-MIX ASPHALT BASE COURSE WIDENING 10". FOR WIDENING GREATER THAN SIX FEET USE HOT-MIX ASPHALT BASE COURSE, 10".

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	DRAWN -	REVISED -	
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PLOT DATE = 3/9/2023	DATE -	REVISED -	

TYPICAL SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	20
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	

EARTHWORK SCHEDULE

1	2		3		4		5		6		7		8		9	10		
US 20 (LAKE ST.) AT GARY AVE.	CUT EARTH EXCAVATION (CU YD)		UNSUITABLE MATERIAL . (CU YD)		FILL EMBANKMENT . (CU YD)		ADJUSTMENT FOR SHRINKAGE (CU YD)		EARTHWORK BALANCE WASTE (+) SHORTAGE (-) (CU YD)		TOPSOIL EXCAVATION (EXISTING TOPSOIL) (DEPTH = 18") (CU YD)		TOPSOIL PLACEMENT - (DEPTH = 8") (CU YD)		TOPSOIL PLACEMENT - (DEPTH = 30") (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
	LEFT OFFSET	RIGHT OFFSET	LEFT OFFSET	RIGHT OFFSET	LEFT OFFSET	RIGHT OFFSET	LEFT OFFSET	RIGHT OFFSET	LEFT OFFSET	RIGHT OFFSET	LEFT OFFSET	RIGHT OFFSET	LEFT OFFSET	RIGHT OFFSET	GRASS MEDIAN	LEFT OFFSET	MEDIAN	RIGHT OFFSET
US 20 (STA 489+50 TO STA 515+21.8)	925.60	907.94	0	18.74	1422.55	998.73	786.76	771.749	-635.79	-226.981	3020.16	1883.68	1072.33	988.94	466.56	1947.83	-466.56	894.74
GARY AVE. (STA 194+00 TO STA 206+80)	1549.57	373.20	179.32	216.98	1047.1	273.10	1317.1345	317.22	270.0345	44.12	1639.47	791.71	709.9	310.31	211.66	929.57	-211.66	481.4
TOTAL	**2475.17**	**1281.14**	**179.32**	**235.72**	**2469.65**	**1271.83**	**2103.8945**	**1088.969**	**-365.7555**	**-182.861**	**4659.63**	**2675.39**	**1782.23**	**1299.25**	**678.22**	**2877.4**	**-678.22**	**1376.14**
	3756.31		**415.04***						**-548.62**		**7335.02**		**3081.48**		**678.22**	**3575.32**		

* NOTE: A QUNTITY FOR THE INSTALLATION OF RIPRAP WAS ADDED TO THE QUANTITY IN THE SOQ. ALSO, ADDITIONAL PLAN QUANTITY OF 25% OF THE FULL DEPTH PAVEMENT AREA WAS ADDED, ASSUMING A THICKNESS OF 12''.

COLUMN 1: LOCATION FROM PLANS
COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE UNSUITABLE MATERIAL
COLUMN 3: CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT, ASSUME 24'' OF UNSUITABLE SOIL REMOVAL AND 6'' OF AGGREGATE SHOULDER REMOVAL
COLUMN 4: QUANTITIES FROM CROSS SECTIONS (FILL)
COLUMN 5: EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR WAS DETERMINED TO BE 15%
COLUMN 6: COLUMN 5 - COLUMN 4, POSITIVE QUANTITY= EXTRA EXCAVATION, NEGETIVE QUANTITY= FURNISHED EXCAVATION NEEDED

COLUMN 7: QUANTITIES OF EXISTING TOPSOIL, TO BE PAID FOR AS ''TOPSOIL EXCAVATION AND PLACEMENT''
COLUMN 8: QUANTITIES OF TOPSOIL NEEDED FOR LANDSCAPING = AREA OF SEEDING/SODDING
COLUMN 9: QUANTITIES OF TOPSOIL NEEDED FOR LANDSCAPING = AREA OF SEEDING
COLUMN 10: TOPSOIL REQUIRED (COLUMN 7 - COLUMN 8)
(+) = QUANTITIES OF TOPSOIL TO BE WASTED
(-) = QUANTITIES OF FURNISHED TOPSOIL NEEDED

MODEL: Default
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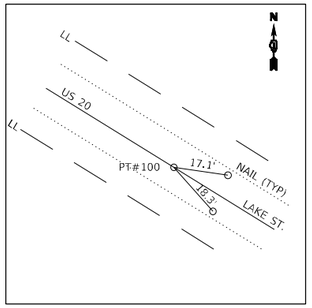
USER NAME = Rana,Kalo	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

EARTHWORK SCHEDULE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

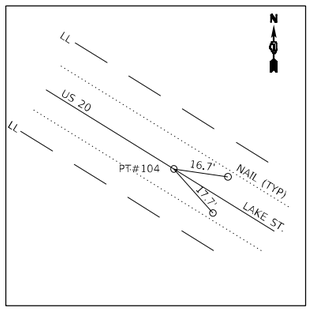
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	21
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



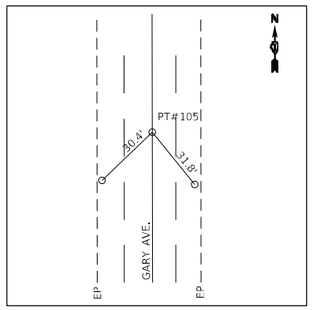
POINT #100

MAG NAIL
N: 1933730.2808
E: 1040342.1159
ELEV: 797.3659



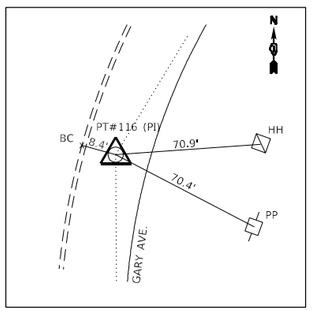
POINT #104

MAG NAIL
N: 1931408.8164
E: 1044096.0834
ELEV: 815.0261



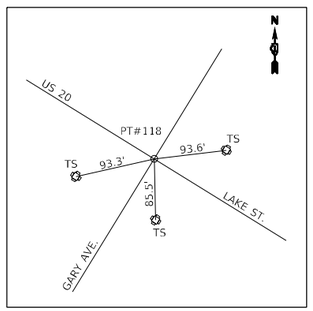
POINT #105

MAG NAIL
N: 1930421.1109
E: 1042165.1199
ELEV: 779.5987



POINT #116(PI)

MAG NAIL
N: 1932179.1938
E: 1042177.1556



POINT #118

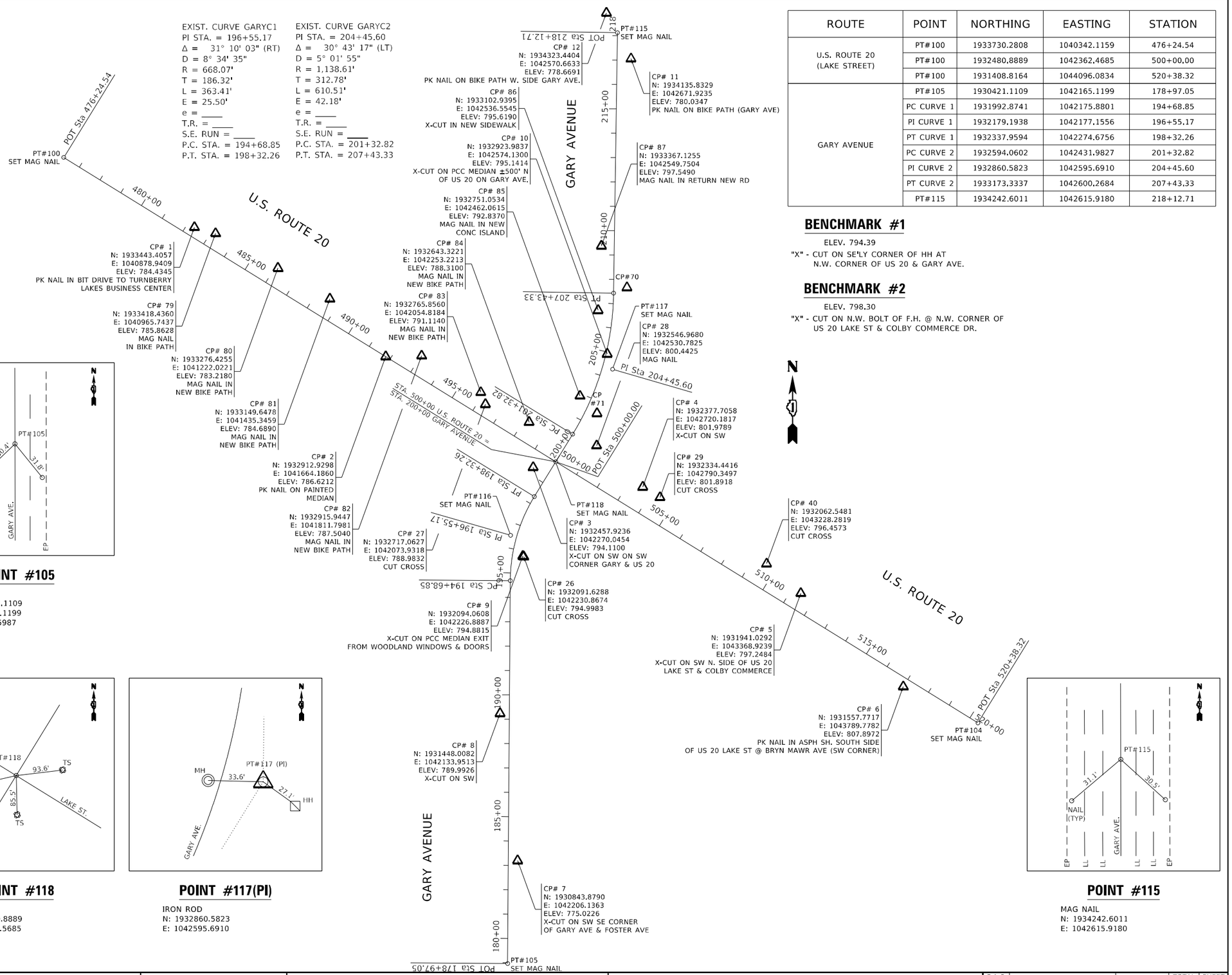
MAG NAIL
N: 1932480.8889
E: 1042362.5685

POINT #117(PI)

IRON ROD
N: 1932860.5823
E: 1042595.6910

EXIST. CURVE GARYC1
PI STA. = 196+55.17
Δ = 31° 10' 03" (RT)
D = 8° 34' 35"
R = 668.07'
T = 186.32'
L = 363.41'
E = 25.50'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 194+68.85
P.T. STA. = 198+32.26

EXIST. CURVE GARYC2
PI STA. = 204+45.60
Δ = 30° 43' 17" (LT)
D = 5° 01' 55"
R = 1,138.61'
T = 312.78'
L = 610.51'
E = 42.18'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 201+32.82
P.T. STA. = 207+43.33



ROUTE	POINT	NORTHING	EASTING	STATION
U.S. ROUTE 20 (LAKE STREET)	PT#100	1933730.2808	1040342.1159	476+24.54
	PT#100	1932480,8889	1042362,4685	500+00.00
	PT#100	1931408.8164	1044096.0834	520+38.32
GARY AVENUE	PT#105	1930421.1109	1042165.1199	178+97.05
	PC CURVE 1	1931992.8741	1042175.8801	194+68.85
	PI CURVE 1	1932179.1938	1042177.1556	196+55.17
	PT CURVE 1	1932337.9594	1042274.6756	198+32.26
	PC CURVE 2	1932594.0602	1042431.9827	201+32.82
	PI CURVE 2	1932860.5823	1042595.6910	204+45.60
	PT CURVE 2	1933173.3337	1042600.2684	207+43.33
	PT#115	1934242.6011	1042615.9180	218+12.71

BENCHMARK #1

ELEV. 794.39
"X" - CUT ON SE'LY CORNER OF HH AT
N.W. CORNER OF US 20 & GARY AVE.

BENCHMARK #2

ELEV. 798.30
"X" - CUT ON N.W. BOLT OF F.H. @ N.W. CORNER OF
US 20 LAKE ST & COLBY COMMERCE DR.

POINT #115

MAG NAIL
N: 1934242.6011
E: 1042615.9180

MODEL: Default
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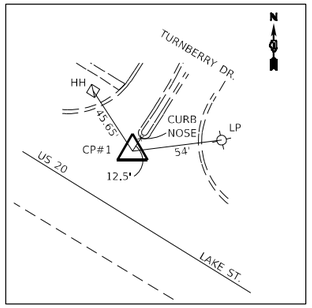
USER NAME = Rana.Kalo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 400.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

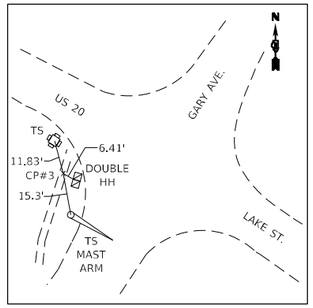
SCALE: 1"= 200' | SHEET OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	22
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



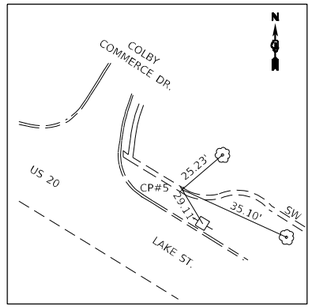
CONTROL POINT #1

PK NAIL IN BIT DRIVE TO TURNBERRY
LAKES BUSINESS CENTER
N: 1933443.4057
E: 1040878.9409
ELEV: 784.4345



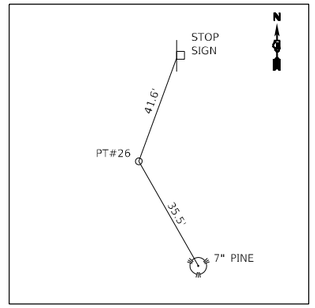
CONTROL POINT #3

X-CUT ON SW ON SW
CORNER GARY & US 20
N: 1932457.9236
E: 1042270.0454
ELEV: 794.1100



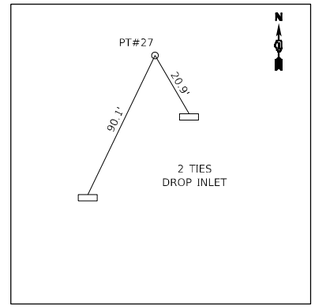
CONTROL POINT #5

X-CUT ON SW N. SIDE OF US 20
LAKE ST & COLBY COMMERCE
N: 1931941.0292
E: 1043368.9239
ELEV: 797.2484



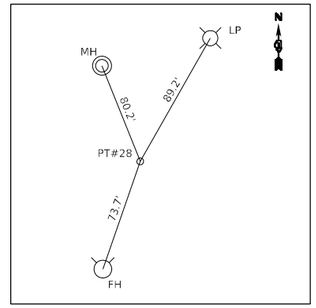
CONTROL POINT #26

"X" IN ISLAND OF ENTRANCE
EAST SIDE GARY AVE. (CONCRETE)
N: 1932091.6288
E: 1042230.8674
ELEV. 794.9983



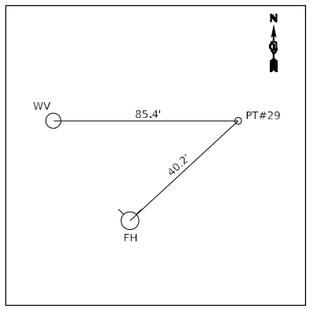
CONTROL POINT #27

"X" IN METAL RIM OF MH
NORTH SIDE US 20 W. OF
GARY AVE.
N: 1932717.0627
E: 1042073.9318
ELEV. 788.9832



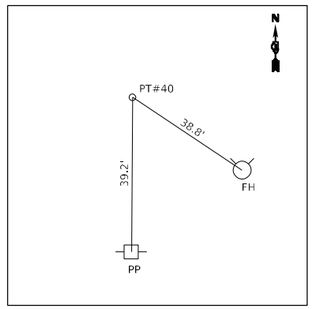
CONTROL POINT #28

MAG NAIL IN SW CORNER OF NEW
GAS STATION IN NE CORNER US 20
& GARY AVE.
N: 1932546.9680
E: 1042530.7825
ELEV. 800.4425



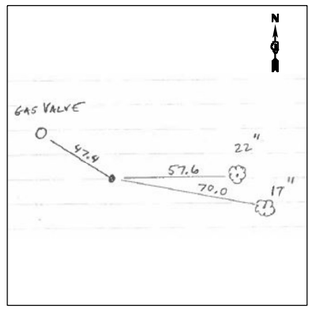
CONTROL POINT #29

"X" IN SIDEWALK N. SIDE
US 20 E. OF GARY AVE.
N: 1932334.4416
E: 1042790.3497
ELEV. 801.8918



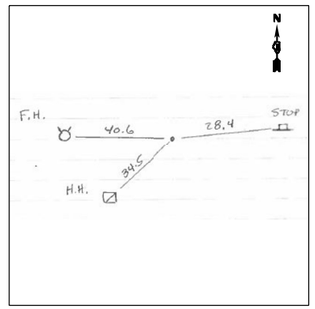
CONTROL POINT #40

"X" IN SIDEWALK N. SIDE
US 20 E. OF COLBY COMMERCE DR
N: 1932062.5481
E: 1043228.2819
ELEV. 796.4573



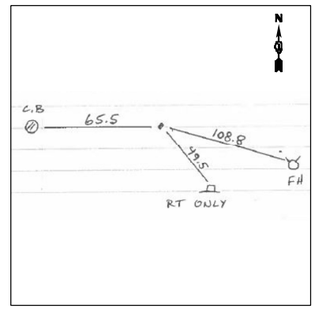
CONTROL POINT #79

MAG NAIL IN BIKE PATH
N: 1933418.4360
E: 1040965.7437
ELEV: 785.8628



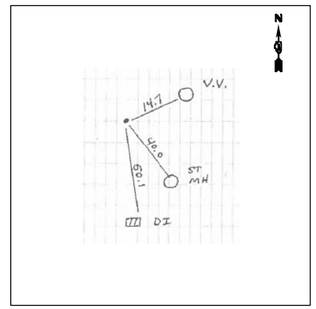
CONTROL POINT #80

MAG NAIL IN NEW BIKE PATH
N: 1933276.4255
E: 1041222.0221
ELEV: 783.2180



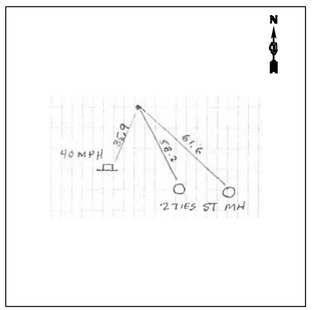
CONTROL POINT #81

MAG NAIL IN NEW BIKE PATH
N: 1933149.6478
E: 1041435.3459
ELEV: 784.6890



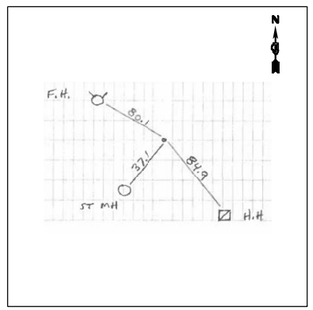
CONTROL POINT #82

MAG NAIL IN NEW BIKE PATH
N: 1932915.9447
E: 1041811.7981
ELEV: 787.5040



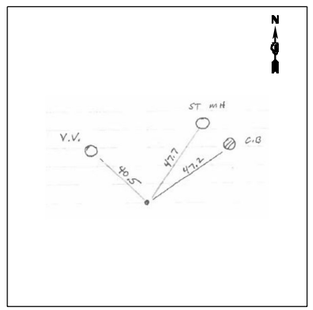
CONTROL POINT #83

MAG NAIL IN BIKE PATH
N: 1932765.8560
E: 1042054.8184
ELEV: 791.1140



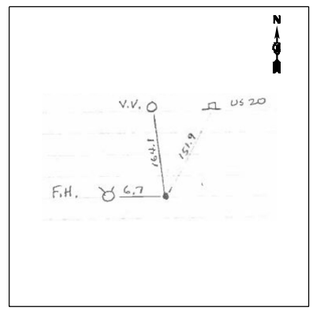
CONTROL POINT #84

MAG NAIL IN NEW BIKE PATH
N: 1932643.3221
E: 1042253.2213
ELEV: 788.3100



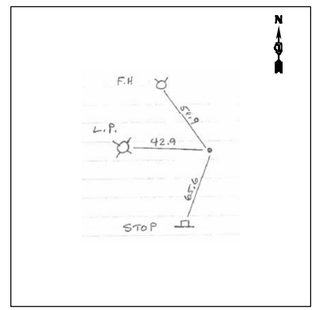
CONTROL POINT #85

MAG NAIL IN NEW CONC ISLAND
N: 1932751.0534
E: 1042462.0615
ELEV: 792.8370



CONTROL POINT #86

X-CUT IN NEW SIDEWALK
N: 1933102.9395
E: 1042536.5545
ELEV: 795.6190



CONTROL POINT #87

MAG NAIL IN RETURN NEW RD
N: 1933367.1255
E: 1042549.7504
ELEV: 797.5490

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FILE NAME: awv:\\dot-apw.bentley.com:PWI\DOT Documents\IDOT Office\District 1\Projects\P104914\CADData\Design\P104914-sht-pe-note.dgn

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 400.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	23
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

MAINTENANCE OF TRAFFIC NOTES

- THE STAGES OF CONSTUCTION AND TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING THE EXCUTION OF THIS CONTRACT. ANY CHANGES TO THE PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

- THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

- THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS.

- ACCESS TO PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. WHEN A DRIVEWAY MUST BE CLOSED TEMPORARLY FOR CONSTUCTION OF THE DRIVEWAY APPON, PROPERTIES WITH MULTIPLE ENTRANCES SHALL HAVE ONLY ONE ENTRANCE CLOSED AT A TIME.

- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PAVEMENT MARKING TAPE, TYPE IV USED FOR STAGING SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL - GRINDING" WITHIN THE PROJECT LIMITS AND "PAVEMENT MARKING REMOVAL - WATER BLASTING" OUTSIDE THE PROJECT LIMITS.

- ALL EXISTING SIGNS WITHIN THE LIMITS OF THE MAINTENANCE OF TRAFFIC WHICH ARE ABSCURED BY OR OTHERWISE INTERFERED WITH BY THE CONSTUCTION OPERATIONS AND MAINENANCE OF TRAFFIC, SHALL BE COVERED OR REMOVED BY THE CONTRACTOR UNLESS SPECIFIED IN THE PLANS OR WHEN DIRECTED BY THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTUCION.

- CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED RAODWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCURE WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED RAODWAY. THE SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

- BEFORE BEGINNING ANY WORK, THE CONTACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED FEFLECTIVE PAVEMENT MARKERS OUTSIDE THE LIMITS THAT CONFLICT WITH MAINENANCE OF TRAFFIC STRIPING IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

SUGGESTED CONSTRUCTION SEQUENCE

PRE STAGE:

- APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAY-TIME LANE CLOSURES SHALL BE UTILIZED TO PERFORM THE WORK LISTED BELOW.
- RELOCATION OF UTILITIES
- INSTALLATION OF PERIMETER EROSION BARRIER, INLET FILTERS, AND TEMPORARY FENCE
- INSTALLATION OF TEMPORARY TRAFFIC SIGNALS

STAGE 1 (NORTH SIDE CONSTRUCTION):

- PROVIDE TWO TRAVEL LANES AND A LEFT TURN LANE IN EACH DIRECTION WITH THE WIDTH SPECIFIED IN THE TYPICAL
- PLACE DRUMS OR TYPE II BARRICADES TO PROTECT TRAFFIC FROM THE CONSTRUCTION ZONE.
- UTILIZE DAILY LANE CLOSURE ON THE OUTSIDE WESTBOUND LANE USING IDOT HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAILY LANE CLOSURE.
- PLACE TEMPORARY HMA OR PCC PAVEMENT FOR THE PART OF THE NORTHEAST PROPOSED CORNER ISLAND LOCATION WITHIN THE WIDENING AREA.
- CONSTRUCT PROPOSED DRAINAGE ALONG THE NORTH SIDE OF US 20. LATERAL STORM SEWERS TO BE CONSTRUCTED USING DAYTIME LANE CLOSURES.
- CONSTRUCT THE WIDENING ON THE NORTH SIDE OF US 20 INCLUDING THE WESTBOUND RIGHT TURN LANE..
- CONSTRUCT TRAFFIC SIGNAL, CURB AND GUTTER, NEW PAVEMENT AND MULTI-USE PATH ON THE NORTH SIDE OF US 20.
- CONSTRUCT FINAL GRADING AND INSTALL TEMPORARY SEEDING OR PERMANENT LANDSCAPING.

STAGE 1 (WEST SIDE CONSTRUCTION):

- REMOVE EXISTING MEDIAN AND PLACE TEMPORARY HMA OR PCC PAVEMENT FROM STA 204+12 TO STA 206+52.
- PROVIDE TWO TRAVEL LANES AND TWO LEFT TURN LANES IN EACH DIRECTION WITH THE WIDTH SPECIFIED IN THE TYPICAL.
- PLACE DRUMS OR TYPE II BARRICADES TO PROTECT TRAFFIC FROM THE CONSTRUCTION ZONE.
- UTILIZE DAILY LANE CLOSURE ON THE OUTSIDE SOUTHBOUND LANE USING IDOT HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAILY LANE CLOSURE.
- PLACE TEMPORARY HMA OR PCC PAVEMENT FOR THE PART OF THE SOUTHWEST PROPOSED CORNER ISLAND LOCATION WITHIN THE WIDENING AREA.
- CONSTRUCT PROPOSED DRAINAGE ALONG THE WEST SIDE OF GARY AVENUE. LATERAL STORM SEWERS TO BE CONSTRUCTED USING DAYTIME LANE CLOSURES.
- CONSTRUCT THE WIDENING ON THE WEST SIDE OF GARY AVENUE.
- CONSTRUCT TRAFFIC SIGNAL, CURB AND GUTTER, NEW PAVEMENT AND SIDEWALK ON THE WEST SIDE OF GARY AVENUE.
- CONSTRUCT FINAL GRADING AND INSTALL TEMPORARY SEEDING OR PERMANENT LANDSCAPING.

SUGGESTED CONSTRUCTION SEQUENCE CONTINUE

STAGE 2 (SOUTH SIDE CONSTRUCTION):

- PROVIDE TWO TRAVEL LANES AND A LEFT TURN LANE IN EACH DIRECTION WITH THE WIDTH SPECIFIED IN THE TYPICAL
- PLACE DRUMS OR TYPE II BARRICADES TO PROTECT TRAFFIC FROM THE CONSTRUCTION ZONE.
- UTILIZE DAILY LANE CLOSURE ON THE OUTSIDE EASTBOUND LANE USING IDOT HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAILY LANE CLOSURE.
- PLACE TEMPORARY HMA OR PCC PAVEMENT FOR THE PART OF THE SOUTHEAST PROPOSED CORNER ISLAND LOCATION WITHIN THE WIDENING AREA.
- CONSTRUCT PROPOSED DRAINAGE ALONG THE SOUTH SIDE OF US 20. LATERAL STORM SEWERS TO BE CONSTRUCTED USING DAYTIME LANE CLOSURES.
- CONSTRUCT THE WIDENING ON THE SOUTH SIDE OF US 20 INCLUDING THE EASTBOUND RIGHT TURN LANE..
- CONSTRUCT TRAFFIC SIGNAL, CURB AND GUTTER, NEW PAVEMENT AND SIDEWALK ON THE SOUTH SIDE OF US 20.
- CONSTRUCT FINAL GRADING AND INSTALL EITHER TEMOPRARY SEEDING OR PERMANENT LANDSCAPING.

STAGE 2 (EAST SIDE CONSTRUCTION):

- PROVIDE TWO TRAVEL LANES AND A LEFT TURN LANE IN EACH DIRECTION WITH THE WIDTH SPECIFIED IN THE TYPICAL
- PLACE DRUMS OR TYPE II BARRICADES TO PROTECT TRAFFIC FROM THE CONSTRUCTION ZONE.
- UTILIZE DAILY LANE CLOSURE ON THE OUTSIDE NORTHBOUND LANE USING IDOT HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAILY LANE CLOSURE.
- CONSTRUCT PROPOSED DRAINAGE ALONG THE EAST SIDE OF GARY AVENUE. LATERAL STORM SEWERS TO BE CONSTRUCTED USING DAYTIME LANE CLOSURES.
- CONSTRUCT THE WIDENING ON THE EAST SIDE OF GARY AVENUE.
- CONSTRUCT TRAFFIC SIGNAL, CURB AND GUTTER, NEW PAVEMENT AND SIDEWALK ON THE EAST SIDE OF GARY AVENUE.
- CONSTRUCT FINAL GRADING AND INSTALL EITHER TEMOPRARY SEEDING OR PERMANENT LANDSCAPING.

STAGE 3 (MEDIAN CONSTRUCTION):

- UTILIZE DAILY LANE CLOSURES USING IDOT HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAILY LANE CLOSURE.TO CLOSE THE INNER LANES ADJACENT TO THE CONSTRUCTED BARRIER MEDIANS AND CORNER ISLANDS ON US 20.
- PROVIDE TWO TRAVEL LANES AND DUAL LEFT TURN LANE IN EACH DIRECTION WITH THE WIDTH SPECIFIED IN THE TYPICAL
- PLACE TYPE I BARRICADES NARROW TO PROTECT TRAFFIC FROM THE CONSTRUCTION ZONE.
- REMOVE TEMPORARY PAVEMENT.
- REMOVE THE PAVEMENT FOR THE LOCATIONS UNDER THE PROPOSED MEDIAN ON US 20.
- REMOVE THE PAVEMENT FOR THE LOCATIONS UNDER THE PROPOSED CORNER ISLANDS ON THE NORTHEAST, SOUTHWEST, AND SOUTHEAST CORNERS OF THE INTERSECTION.
- CONSTRUCT BARRIER MEDIANS ON US 20. IMPLEMENT DAILY LANE CLOSURES USING STATE STANDARDS FOR TRAFFIC CONTROL. AND PROTECTION TO CLOSE THE INNER LANES ADJACENT TO THE CONSTRUCTED BARRIER MEDIANS..
- CONSTRUCT THE CORNER ISLANDS AT THE NORTHEAST, SOUTHWEST AND SOUTHEAST CORNERS OF THE INTERSECTION. (ONLY WORK ON ONE AT A TIME). IMPLEMENT DAILY LANE CLOSURES USING STATE STANDARDS FOR TRAFFIC CONTROL. AND PROTECTION TO CLOSE THE INNER LANES ADJACENT TO THE CONSTRUCTED ISLANDS.

STAGE 3 (MEDIAN CONSTRUCTION):

- UTILIZE DAILY LANE CLOSURES USING IDOT HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAILY LANE CLOSURE.TO CLOSE THE INNER LANES ADJACENT TO THE CONSTRUCTED BARRIER MEDIANS AND CORNER ISLANDS ON GARY AVENUE.
- PROVIDE TWO TRAVEL LANES AND DUAL LEFT TURN LANE IN EACH DIRECTION WITH THE WIDTH SPECIFIED IN THE TYPICAL.
- PLACE TYPE I BARRICADES NARROW TO PROTECT TRAFFIC FROM THE CONSTRUCTION ZONE.
- REMOVE TEMPORARY PAVEMENT.
- REMOVE THE PAVEMENT FOR THE LOCATIONS UNDER THE PROPOSED MEDIAN ON GARY AVE.
- REMOVE THE PAVEMENT FOR THE LOCATIONS UNDER THE PROPOSED CORNER ISLANDS ON THE NORTHEAST, SOUTHWEST, AND SOUTHEAST CORNERS OF THE INTERSECTION.
- CONSTRUCT BARRIER MEDIANS ON GARY AVENUE. IMPLEMENT DAILY LANE CLOSURES USING STATE STANDARDS FOR TRAFFIC CONTROL. AND PROTECTION TO CLOSE THE INNER LANES ADJACENT TO THE CONSTRUCTED BARRIER MEDIANS..
- CONSTRUCT THE CORNER ISLANDS AT THE NORTHEAST, SOUTHWEST AND SOUTHEAST CORNERS OF THE INTERSECTION. (ONLY WORK ON ONE AT A TIME). IMPLEMENT DAILY LANE CLOSURES USING STATE STANDARDS FOR TRAFFIC CONTROL. AND PROTECTION TO CLOSE THE INNER LANES ADJACENT TO THE CONSTRUCTED ISLANDS.

POST STAGE:

- WORKING DURING THIS STAGE SHALL BE COMPLETED UTILIZING APPLICABLE HIGHWAY STANDARDS AND SPECIAL PROVISIONS.
- THE EXISTING PAVEMENT WILL BE MILLED AFTER STAGE III TO MATCH THE ELEVATION OF THE WIDENING CONSTRUCTED DURING PREVIOUS STAGES.
- ONCE THE SURFACE HAS BEEN MILLED, SURFACE COURSE AND POLYMERIZED BINDER COURSE WILL BE CONSTRUCTED.
- THE PROPOSED THERMOPLASTIC PAVEMENT MARKINGS, MODIFIED URETHANE PAVEMENT MARKINGS, RAISED REFLECTIVE PAVEMENT MARKERS, AND RECESSED REFLECTIVE PAVEMENT MARKERS WILL BE INSTALLED AFTER PAVING HAS BEEN COMPLETED.
- COMPLETE ALL LANDSCAPING WORK AND ACTIVATE PROPOSED TRAFFIC SIGNALS.

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	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

MAINT. OF TRAFFIC NOTES AND SUGGESTED CONSTRUCTION SEQUENCE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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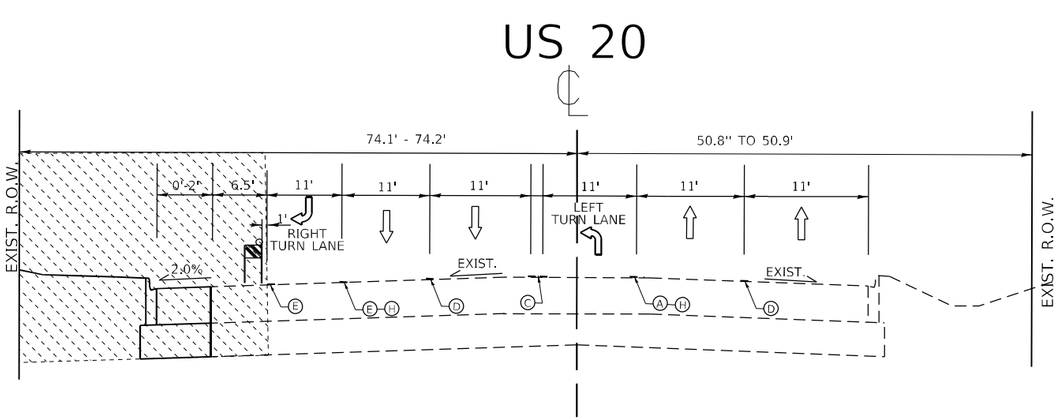
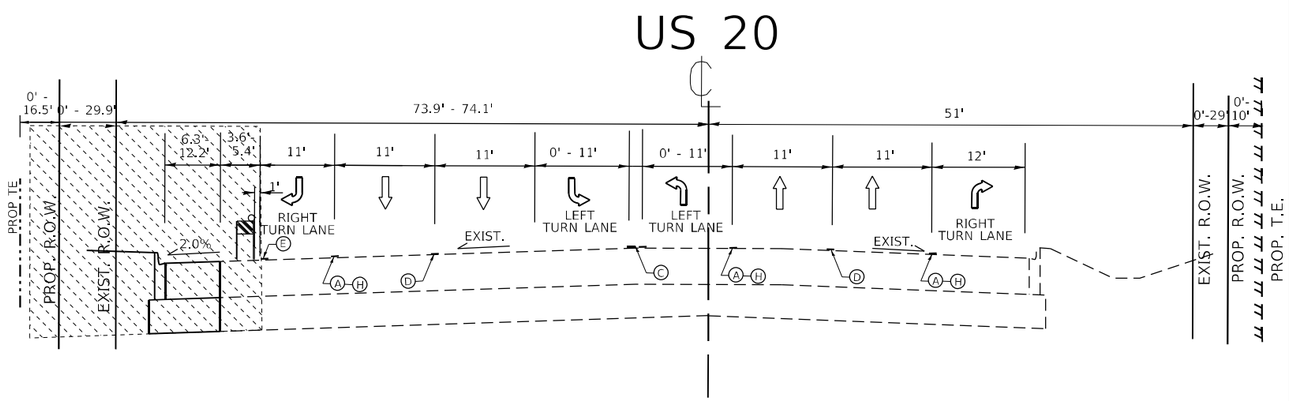
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



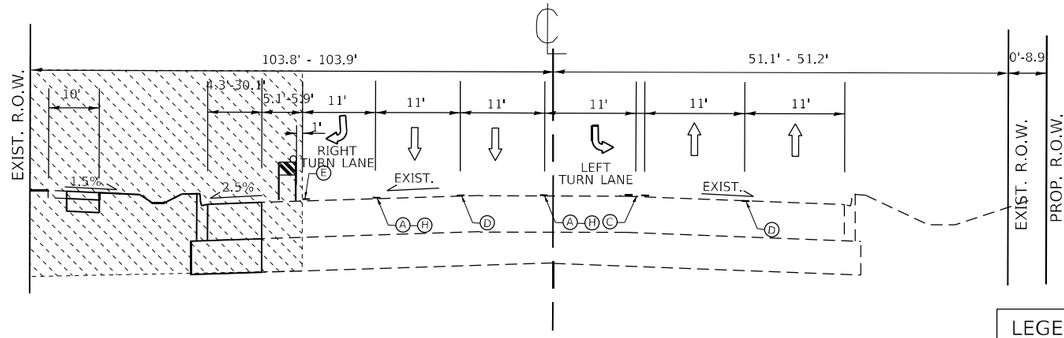
US ROUTE 20
STAGE 1

STA. 489+50 TO STA. 492+36



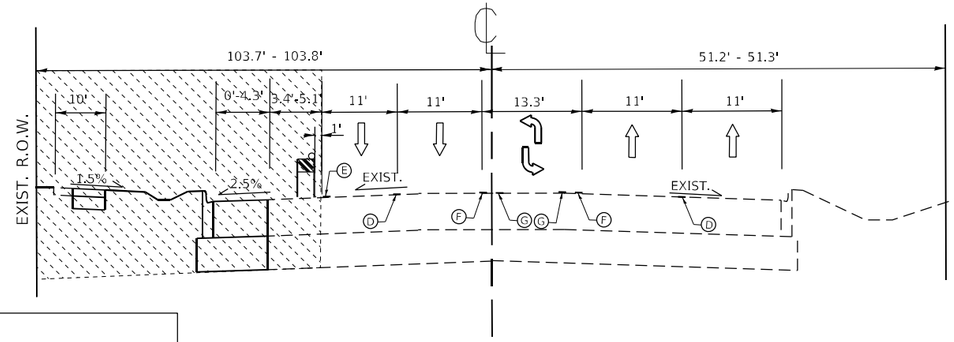
US ROUTE 20
STAGE 1

STA. 492+36 TO STA. 500+00



US ROUTE 20
STAGE 1

STA. 500+00 TO STA. 505+63



US ROUTE 20
STAGE 1

STA. 505+63 TO STA. 508+00

LEGEND:

- (A) TEMPORARY PAVEMENT MARKING, TYPE IV
  6" SOLID WHITE LANE LINE
- (B) TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SOLID YELLOW EDGE LINE
- (C) TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SOLID DOUBLE YELLOW @ 11" C-C
- (D) TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SKIP DASH WHITE LANE LINE
  10' LINE, 30' SKIP
- (E) TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SOLID WHITE EDGE LINE
- (F) TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SOLID YELLOW LANE LINE
- (G) TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SKIP DASH, YELLOW LANE LINE, 10' DASH-30' SKIP
- (H) TEMPORARY PAVEMENT MARKING, TYPE IV
  6" SKIP DASH WHITE LANE LINE
  2' LINE, 6' SKIP

WORK ZONE

MEDIAN REMOVAL

DRUMS OR TY II BARRICADE AT 50 FT SPACING
DEVICES IN TAPER (20 FT C-C)
DEVICES IN CURVES & RADII (10 FT C-C)

NOTES:

TRAFFIC ALONG US 20 AND GARY AVE. SHALL BE MAINTAINED DURING THE WIDENING AND RESURFACING OPERATIONS BY STAGING THE CONSTRUCTION.

THE CONTRACTOR SHALL BACKFILL ALL LOCATIONS WHERE THE DROP OFF ⩾ 12" WITHIN 8' OF THE EDGE OF PAVEMENT.

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	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

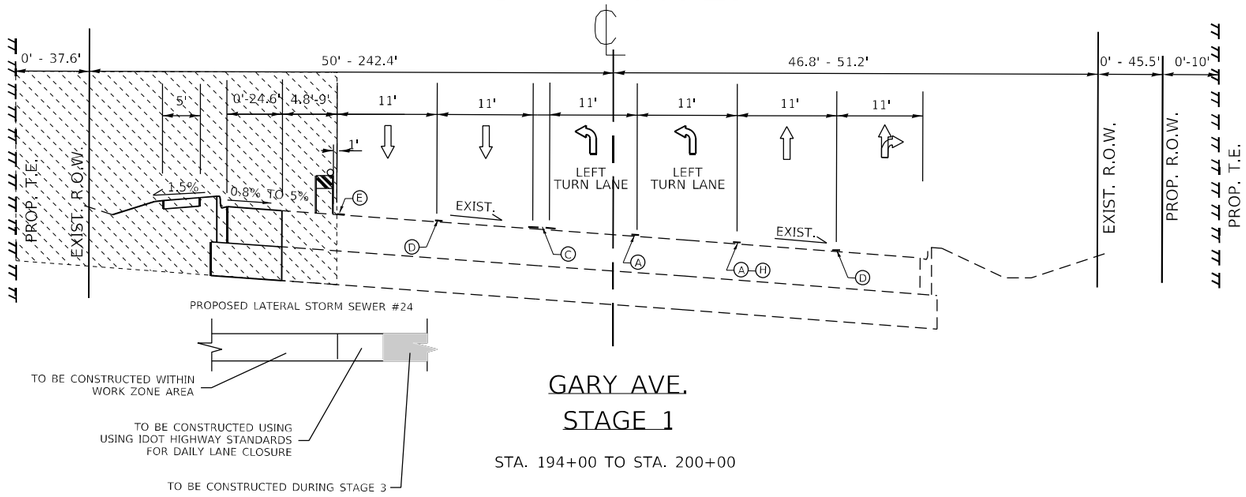
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE I TYPICAL SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	25
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

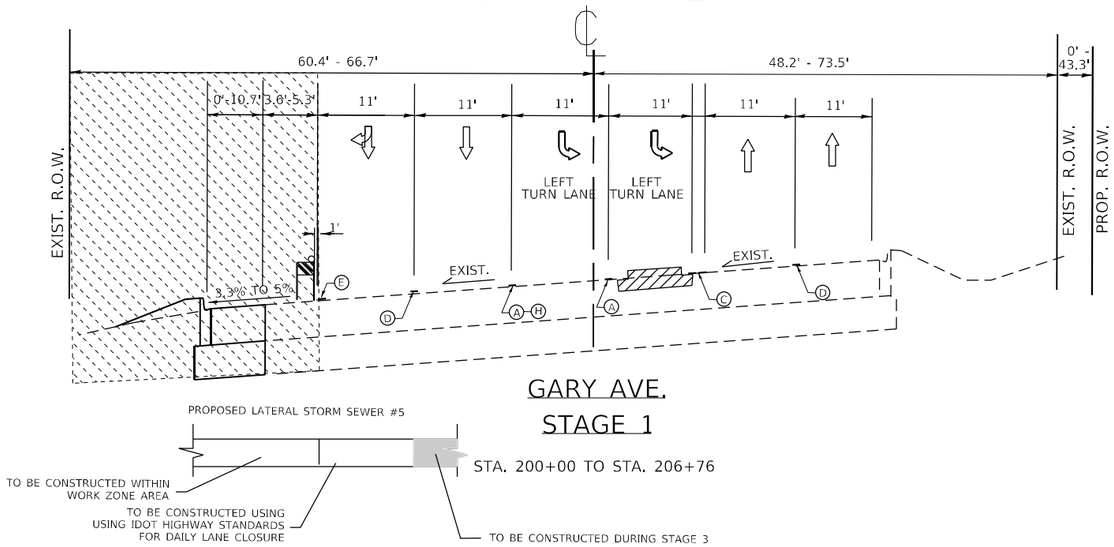
GARY AVE.



GARY AVE.
STAGE 1

STA. 194+00 TO STA. 200+00

GARY AVE.



GARY AVE.
STAGE 1

STA. 200+00 TO STA. 206+76

LEGEND:

- (A) TEMPORARY PAVEMENT MARKING, TYPE IV 6" SOLID WHITE LANE LINE
- (B) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID YELLOW EDGE LINE
- (C) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID DOUBLE YELLOW @ 11" C-C
- (D) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SKIP DASH WHITE LANE LINE 10' LINE, 30' SKIP
- (E) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID WHITE EDGE LINE
- (F) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID YELLOW LANE LINE
- (G) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SKIP DASH, YELLOW LANE LINE, 10' DASH-30' SKIP
- (H) TEMPORARY PAVEMENT MARKING, TYPE IV 6" SKIP DASH WHITE LANE LINE 2' LINE, 6' SKIP

WORK ZONE

MEDIAN REMOVAL

DRUMS OR TY II BARRICADE AT 50 FT SPACING
DEVICES IN TAPER (20 FT C-C)
DEVICES IN CURVES & RADII (10 FT C-C)

NOTES:

TRAFFIC ALONG US 20 AND GARY AVE. SHALL BE MAINTAINED DURING THE WIDENING AND RESURFACING OPERATIONS BY STAGING THE CONSTRUCTION.

THE CONTRACTOR SHALL BACKFILL ALL LOCATIONS WHERE THE DROP OFF ⩾ 12" WITHIN 8' OF THE EDGE OF PAVEMENT.

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	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

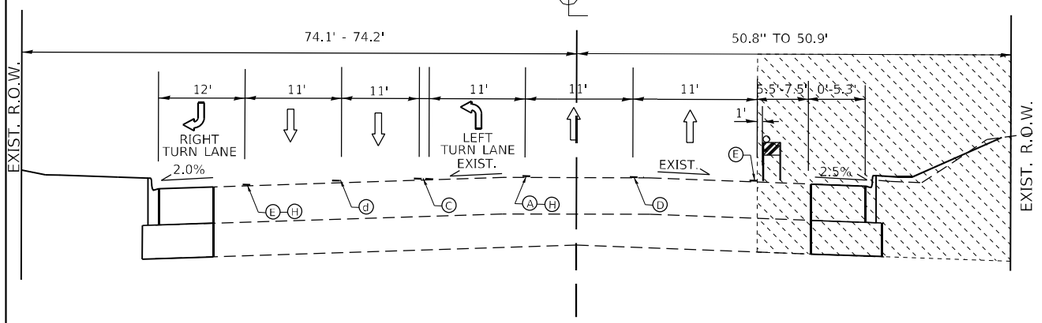
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE I TYPICAL SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	26
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

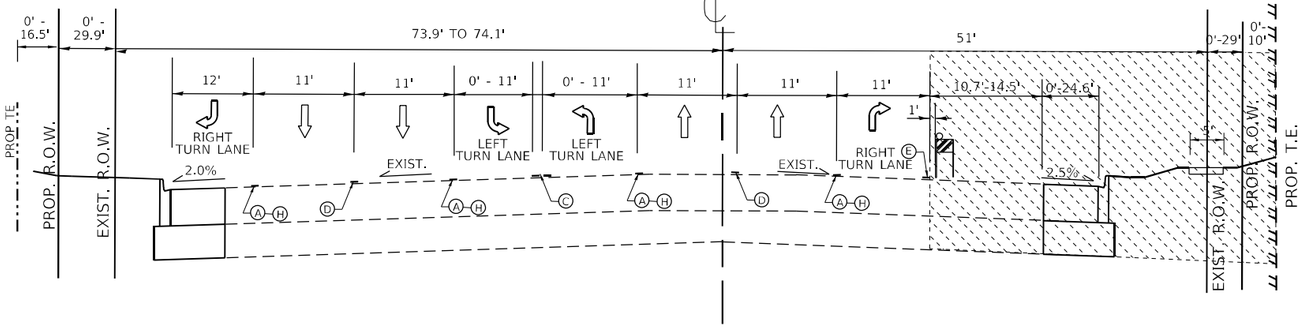
US 20



US ROUTE 20
STAGE 2

STA. 489+50 TO STA. 492+36

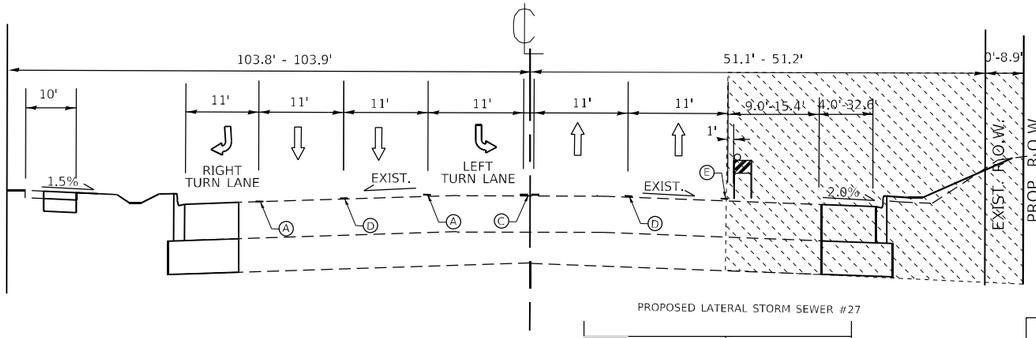
US 20



US ROUTE 20
STAGE 2

STA. 492+36 TO STA. 500+00

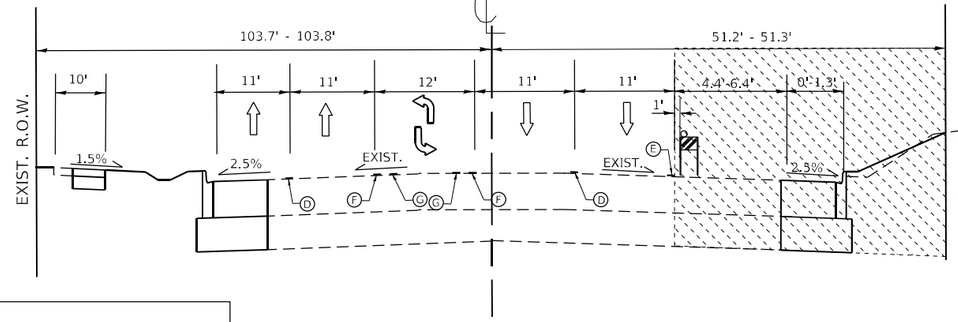
US 20



US ROUTE 20
STAGE 2

STA. 500+00 TO STA. 505+80

US 20



US ROUTE 20
STAGE 2

STA. 505+80 TO STA. 508+00

LEGEND:

- (A) TEMPORARY PAVEMENT MARKING, TYPE IV 6" SOLID WHITE LANE LINE
- (B) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID YELLOW EDGE LINE
- (C) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID DOUBLE YELLOW @ 11" C-C
- (D) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SKIP DASH WHITE LANE LINE 10' LINE, 30' SKIP
- (E) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID WHITE EDGE LINE
- (F) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID YELLOW LANE LINE
- (G) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SKIP DASH, YELLOW LANE LINE, 10' DASH-30' SKIP
- (H) TEMPORARY PAVEMENT MARKING, TYPE IV 6" SKIP DASH WHITE LANE LINE 2' LINE, 6' SKIP

WORK ZONE

MEDIAN REMOVAL

DRUMS OR TY II BARRICADE AT 50 FT SPACING
DEVICES IN TAPER (20 FT C-C)
DEVICES IN CURVES & RADII (10 FT C-C)

NOTES:

TRAFFIC ALONG US 20 AND GARY AVE. SHALL BE MAINTAINED DURING THE WIDENING AND RESURFACING OPERATIONS BY STAGING THE CONSTRUCTION.

THE CONTRACTOR SHALL BACKFILL ALL LOCATIONS WHERE THE DROP OFF ⩾ 12" WITHIN 8' OF THE EDGE OF PAVEMENT.

USER NAME = Rana,Kalo	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II TYPICAL SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	27
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	

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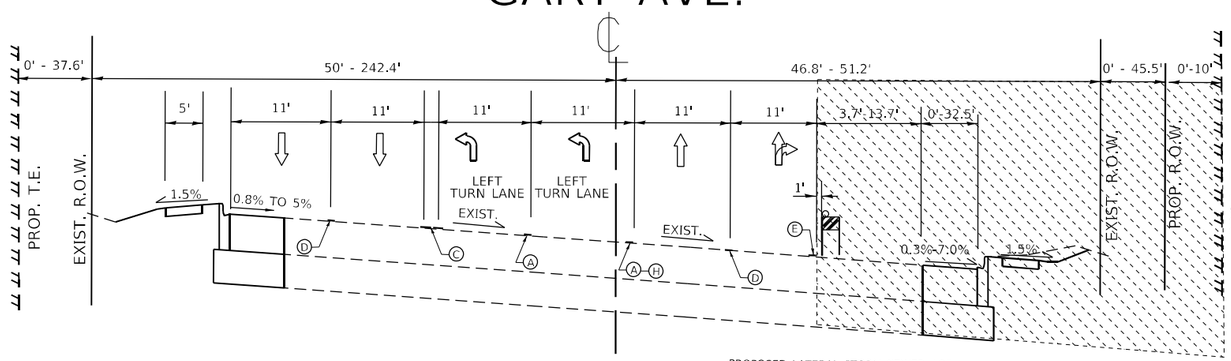
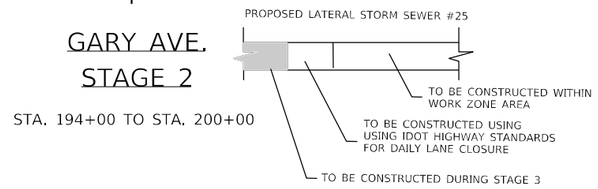
GARY AVE.





GARY AVE.
STAGE 2

STA. 194+00 TO STA. 200+00

LEGEND:

- Ⓐ TEMPORARY PAVEMENT MARKING, TYPE IV
  6" SOLID WHITE LANE LINE
- Ⓑ TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SOLID YELLOW EDGE LINE
- Ⓒ TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SOLID DOUBLE YELLOW @ 11" C-C
- Ⓓ TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SKIP DASH WHITE LANE LINE
  10' LINE, 30' SKIP
- Ⓔ TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SOLID WHITE EDGE LINE
- Ⓕ TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SOLID YELLOW LANE LINE
- Ⓖ TEMPORARY PAVEMENT MARKING, TYPE IV
  4" SKIP DASH, YELLOW LANE LINE, 10' DASH-30' SKIP
- Ⓗ TEMPORARY PAVEMENT MARKING, TYPE IV
  6" SKIP DASH WHITE LANE LINE
  2' LINE, 6' SKIP

WORK ZONE

MEDIAN REMOVAL

DRUMS OR TY II BARRICADE AT 50 FT SPACING
DEVICES IN TAPER (20 FT C-C)
DEVICES IN CURVES & RADII (10 FT C-C)

NOTES:

TRAFFIC ALONG US 20 AND GARY AVE. SHALL BE MAINTAINED DURING THE WIDENING AND RESURFACING OPERATIONS BY STAGING THE CONSTRUCTION.

THE CONTRACTOR SHALL BACKFILL ALL LOCATIONS WHERE THE DROP OFF ⩾ 12" WITHIN 8' OF THE EDGE OF PAVEMENT.

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	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STAGE II TYPICAL SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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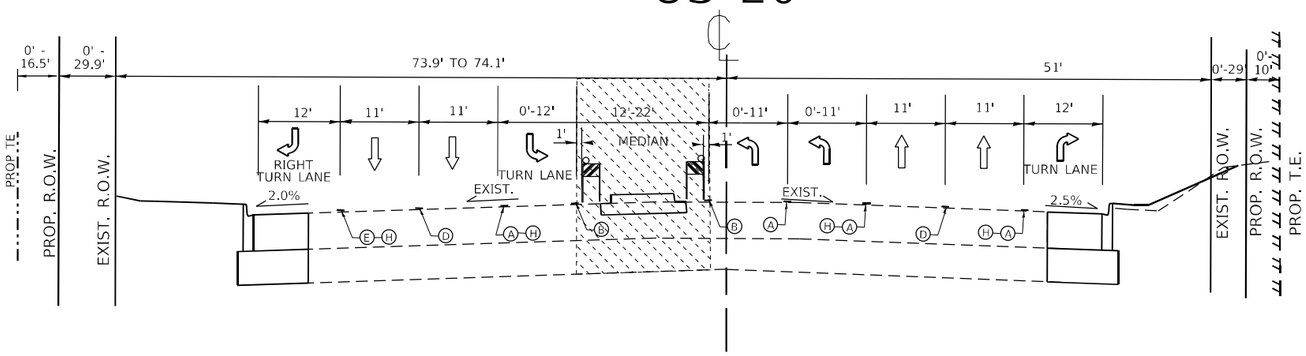
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

US 20



US ROUTE 20
STAGE 3

STA. 492+72 TO STA. 500+00

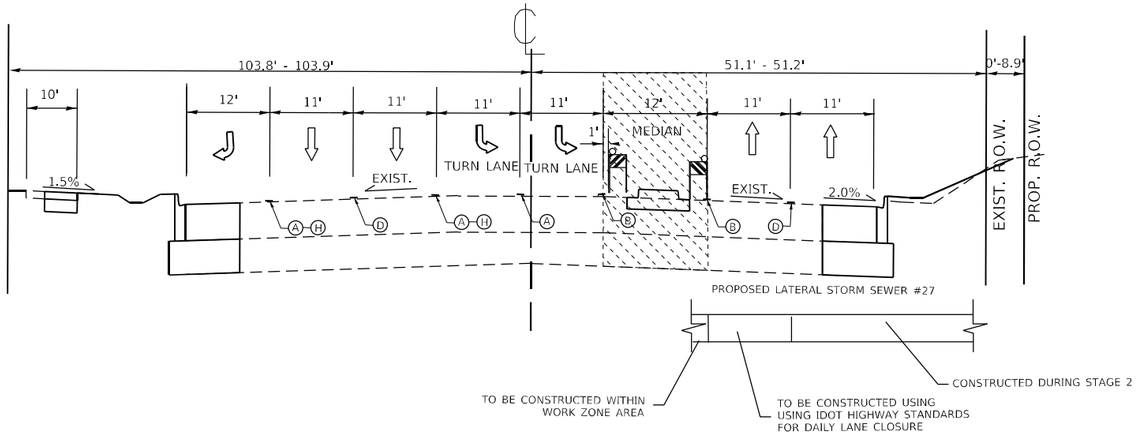
LEGEND:

- (A) TEMPORARY PAVEMENT MARKING, TYPE IV 6" SOLID WHITE LANE LINE
- (B) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID YELLOW EDGE LINE
- (C) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID DOUBLE YELLOW @ 11" C-C
- (D) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SKIP DASH WHITE LANE LINE 10' LINE, 30' SKIP
- (E) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID WHITE EDGE LINE
- (F) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID YELLOW LANE LINE
- (G) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SKIP DASH, YELLOW LANE LINE, 10' DASH-30' SKIP
- (H) TEMPORARY PAVEMENT MARKING, TYPE IV 6" SKIP DASH WHITE LANE LINE 2' LINE, 6' SKIP

WORK ZONE — MEDIAN REMOVAL

DRUMS OR TY II BARRICADE AT 50 FT SPACING
DEVICES IN TAPER (20 FT C-C)
DEVICES IN CURVES & RADII (10 FT C-C)

US 20



US ROUTE 20
STAGE 3

STA. 500+00 TO STA. 503+73

NOTES:

TRAFFIC ALONG US 20 AND GARY AVE. SHALL BE MAINTAINED DURING THE WIDENING AND RESURFACING OPERATIONS BY STAGING THE CONSTRUCTION.

THE CONTRACTOR SHALL BACKFILL ALL LOCATIONS WHERE THE DROP OFF ⩾ 12" WITHIN 8' OF THE EDGE OF PAVEMENT.

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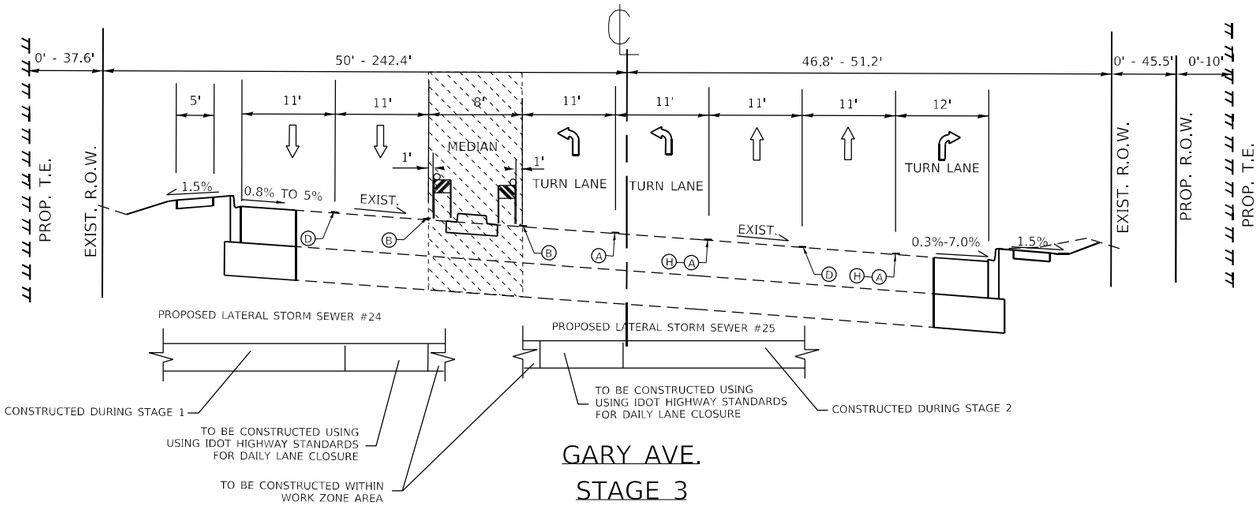
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STAGE III TYPICAL SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	29
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

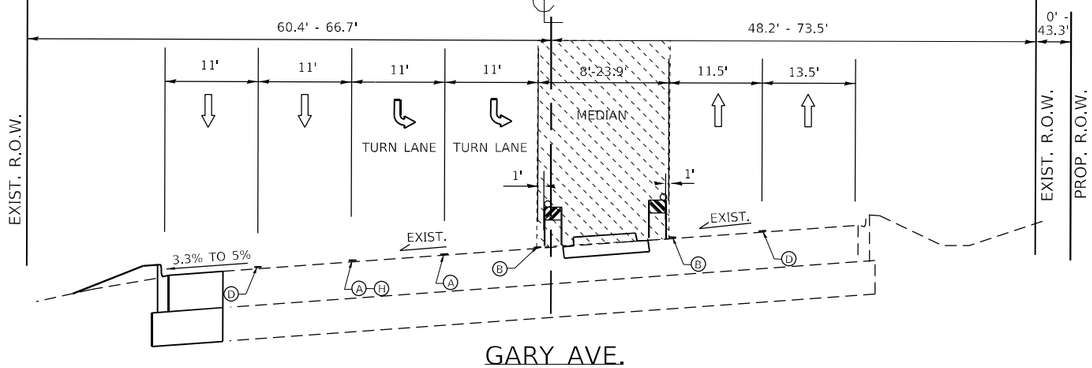
GARY AVE.



GARY AVE.
STAGE 3

STA. 197+60 TO STA. 200+00

GARY AVE.



GARY AVE.
STAGE 3

STA. 200+00 TO STA. 206+54

LEGEND:

- (A) TEMPORARY PAVEMENT MARKING, TYPE IV 6" SOLID WHITE LANE LINE
- (B) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID YELLOW EDGE LINE
- (C) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID DOUBLE YELLOW @ 11" C-C
- (D) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SKIP DASH WHITE LANE LINE 10' LINE, 30' SKIP
- (E) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID WHITE EDGE LINE
- (F) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SOLID YELLOW LANE LINE
- (G) TEMPORARY PAVEMENT MARKING, TYPE IV 4" SKIP DASH, YELLOW LANE LINE, 10' DASH-30' SKIP
- (H) TEMPORARY PAVEMENT MARKING, TYPE IV 6" SKIP DASH WHITE LANE LINE 2' LINE, 6' SKIP

WORK ZONE

MEDIAN REMOVAL

DRUMS OR TY II BARRICADE AT 50 FT SPACING
DEVICES IN TAPER (20 FT C-C)
DEVICES IN CURVES & RADII (10 FT C-C)

NOTES:

TRAFFIC ALONG US 20 AND GARY AVE. SHALL BE MAINTAINED DURING THE WIDENING AND RESURFACING OPERATIONS BY STAGING THE CONSTRUCTION.

THE CONTRACTOR SHALL BACKFILL ALL LOCATIONS WHERE THE DROP OFF ⩾ 12" WITHIN 8' OF THE EDGE OF PAVEMENT.

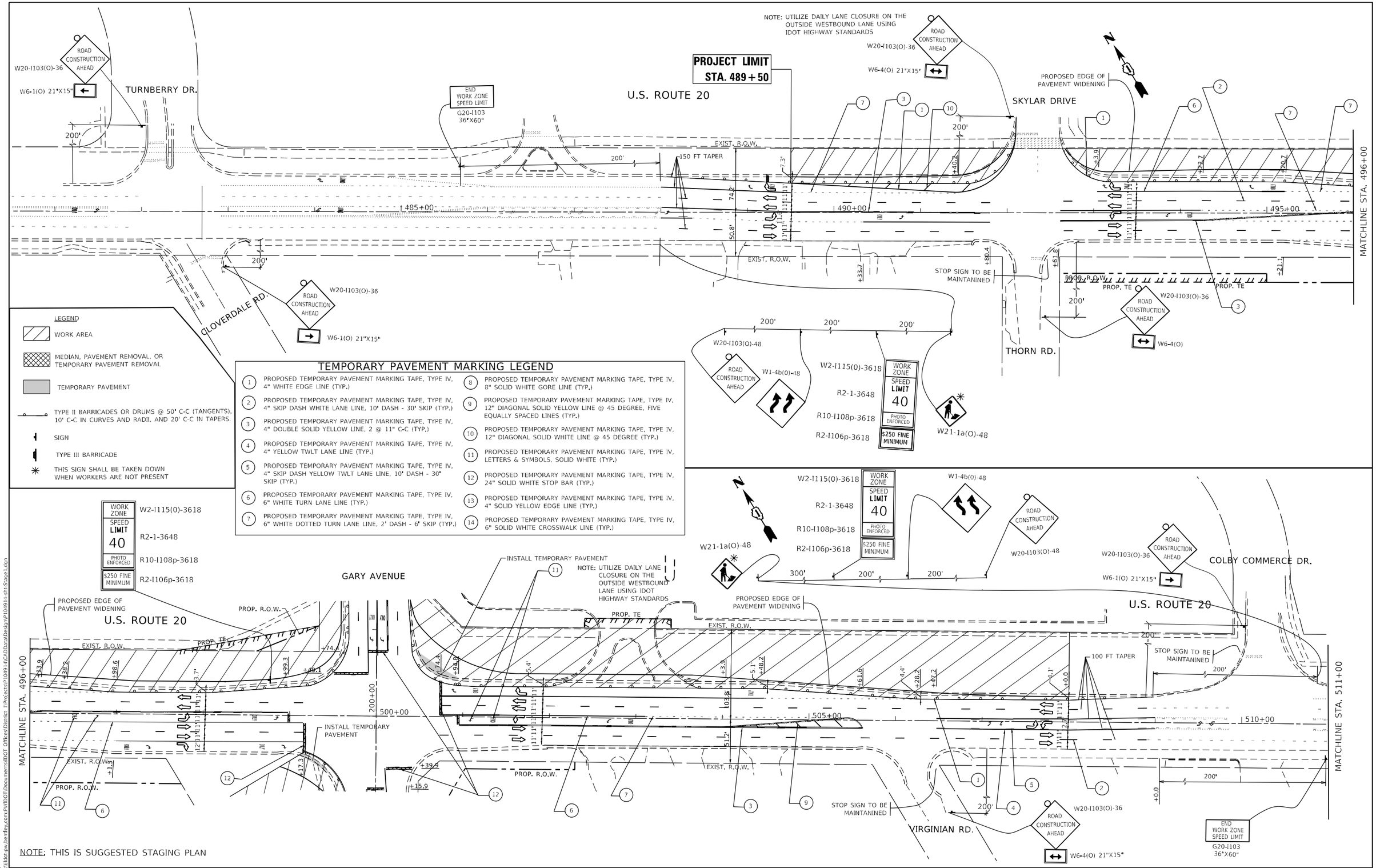
MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PW\DOT\Documents\IDOT Offices\District 1\Projects\P104914\CADD\staDesign\P104914-sht4typical.dgn

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STAGE III TYPICAL SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	30
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



LEGEND

- WORK AREA
- MEDIAN, PAVEMENT REMOVAL, OR TEMPORARY PAVEMENT REMOVAL
- TEMPORARY PAVEMENT
- TYPE II BARRICADES OR DRUMS @ 50' C-C (TANGENTS), 10' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS.
- SIGN
- TYPE III BARRICADE
- THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

1. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE (TYP.)
2. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
4. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW TWLT LANE LINE (TYP.)
5. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH YELLOW TWLT LANE LINE, 10' DASH - 30' SKIP (TYP.)
6. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE TURN LANE LINE (TYP.)
7. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE DOTTED TURN LANE LINE, 2' DASH - 6' SKIP (TYP.)
8. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 8" SOLID WHITE GORE LINE (TYP.)
9. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 12" DIAGONAL SOLID YELLOW LINE @ 45 DEGREE, FIVE EQUALLY SPACED LINES (TYP.)
10. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 12" DIAGONAL SOLID WHITE LINE @ 45 DEGREE (TYP.)
11. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
12. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 24" SOLID WHITE STOP BAR (TYP.)
13. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SOLID YELLOW EDGE LINE (TYP.)
14. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" SOLID WHITE CROSSWALK LINE (TYP.)

NOTE: THIS IS SUGGESTED STAGING PLAN

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	STAGE I CONSTRUCTION U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.
PLOT DATE = 3/9/2023	DATE -	REVISED -	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	31
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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TEMPORARY PAVEMENT MARKING LEGEND

1. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE (TYP.)
2. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
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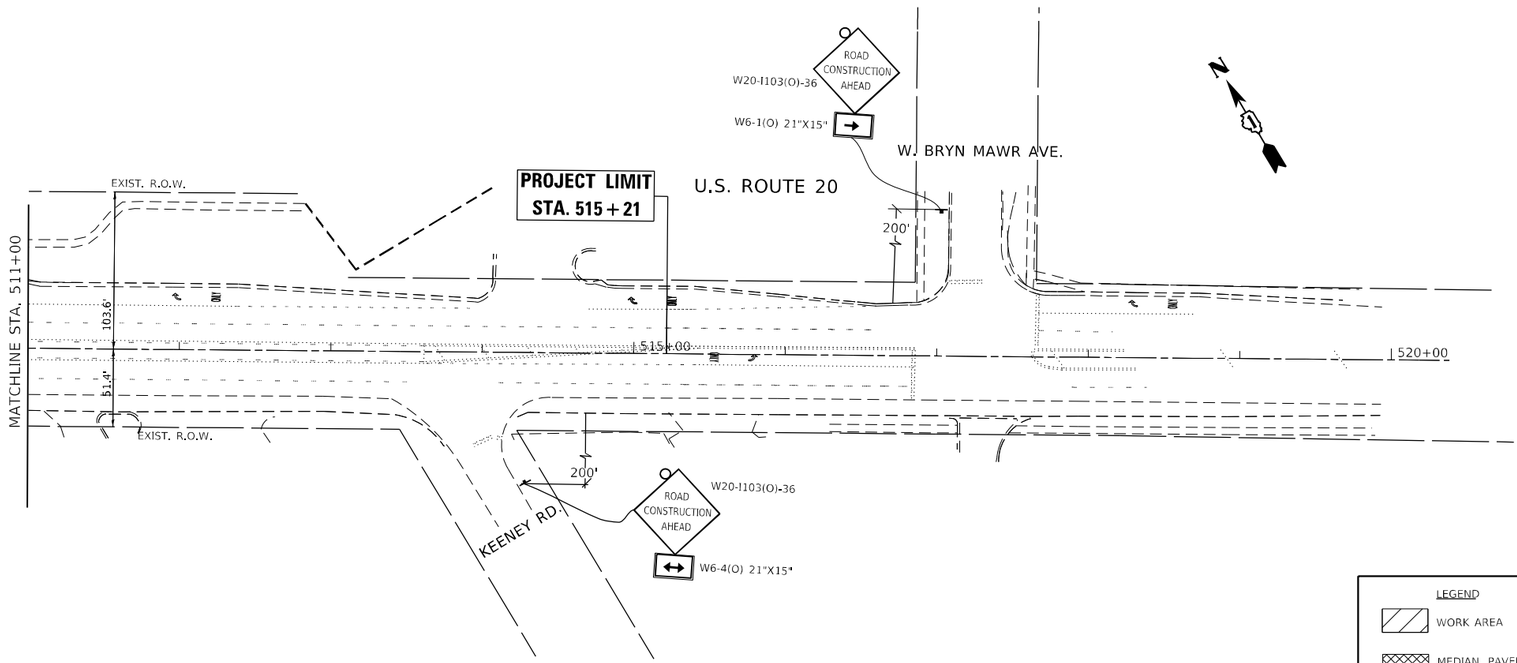

LEGEND

- WORK AREA
- MEDIAN, PAVEMENT REMOVAL, OR TEMPORARY PAVEMENT REMOVAL
- TEMPORARY PAVEMENT
- TYPE II BARRICADES OR DRUMS @ 50' C-C (TANGENTS), 10' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS.
- SIGN
- TYPE III BARRICADE
- THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

NOTE: THIS IS SUGGESTED STAGING PLAN

MODEL: Default
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USER NAME = Rana,Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STAGE I CONSTRUCTION
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	32
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

TEMPORARY PAVEMENT MARKING LEGEND

1. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE (TYP.)
2. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
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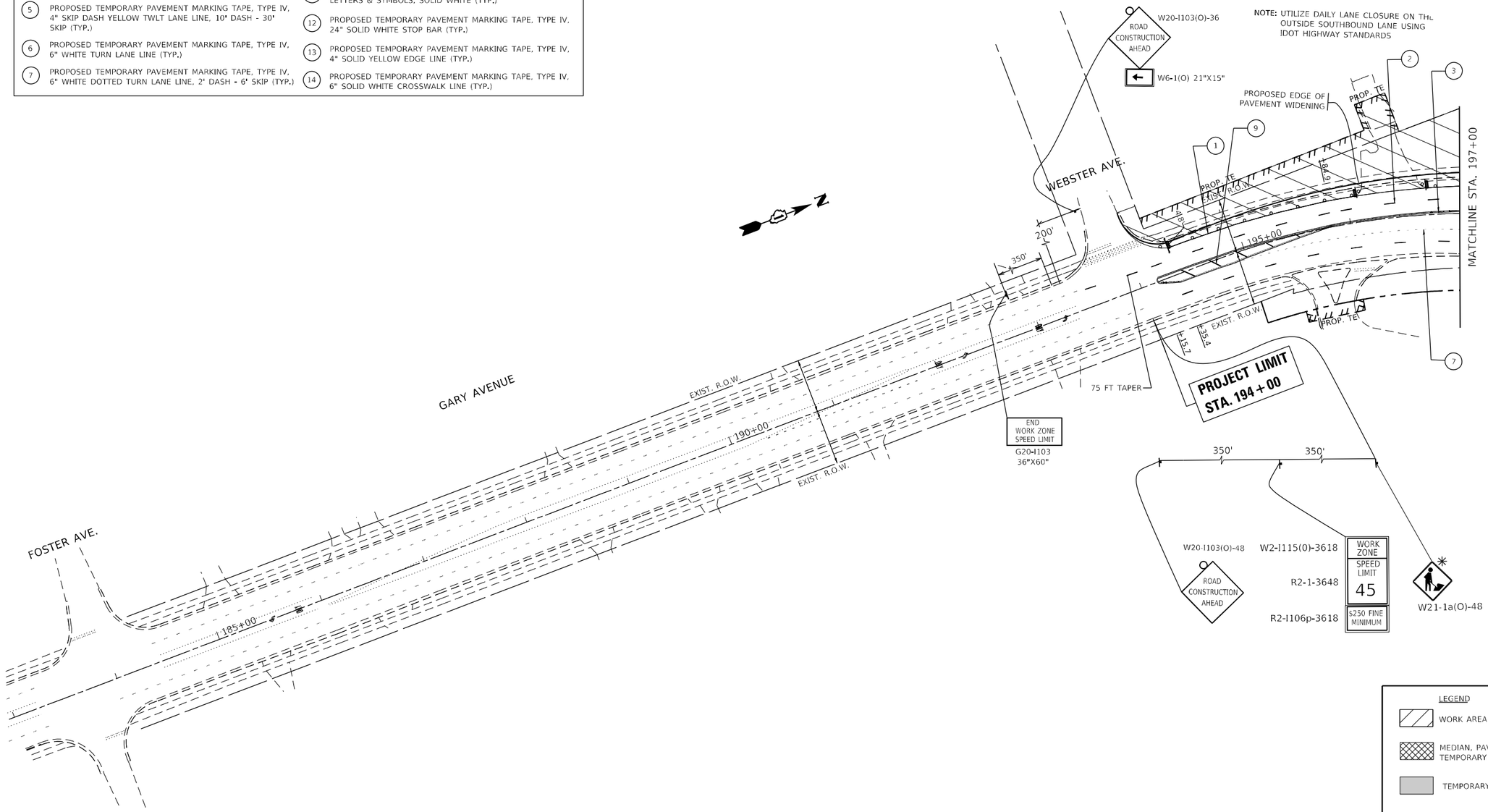

LEGEND

- WORK AREA
- MEDIAN, PAVEMENT REMOVAL, OR TEMPORARY PAVEMENT REMOVAL
- TEMPORARY PAVEMENT
- TYPE II BARRICADES OR DRUMS @ 50' C-C (TANGENTS), 10' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS.
- SIGN
- TYPE III BARRICADE
- THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

NOTE: THIS IS SUGGESTED STAGING PLAN

MODEL: Default
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USER NAME = Rana,Kalo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE I CONSTRUCTION
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	33
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

TEMPORARY PAVEMENT MARKING LEGEND

1. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE (TYP.)
2. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
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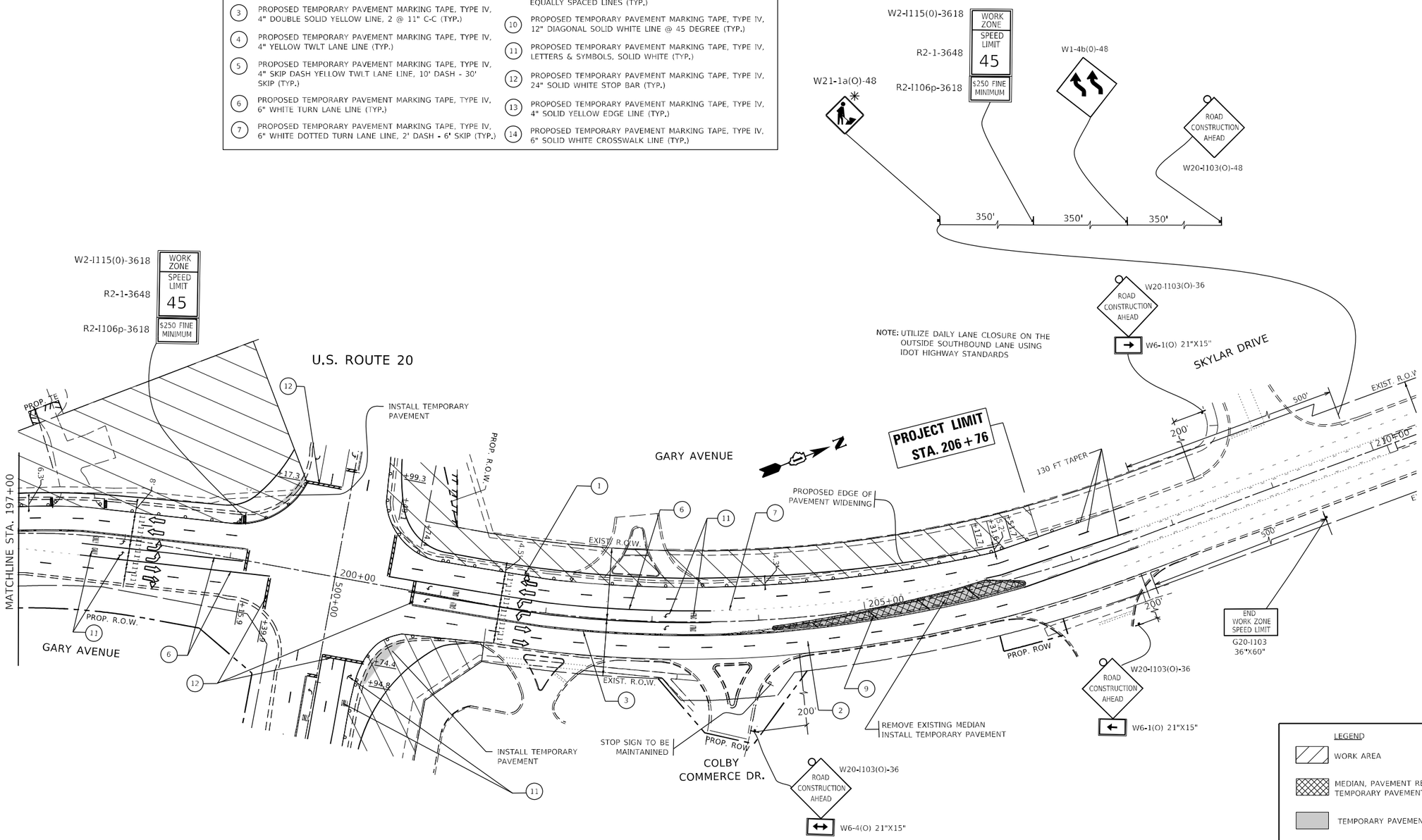

NOTE: THIS IS SUGGESTED STAGING PLAN

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STAGE I CONSTRUCTION
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	34
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\P10491aa\CADData\Design\P10491-sht-Stage1.dgn

NOTE: UTILIZE DAILY LANE CLOSURE ON THE OUTSIDE EASTBOUND LANE USING IDOT HIGHWAY STANDARDS

ROAD CONSTRUCTION AHEAD
W20-I103(O)-36
W6-4(O) 21"X15"

PROJECT LIMIT STA. 489+50

U.S. ROUTE 20

SKYLAR DRIVE

TURNBERRY DR.

ROAD CONSTRUCTION AHEAD
W20-I103(O)-36
W6-1(O) 21"X15"

END WORK ZONE SPEED LIMIT
G20-I103
36"X60"

EXIST. R.O.W.

485+00 490+00 495+00

MATCHLINE STA. 496+00

145 FT TAPER

PROPOSED EDGE OF PAVEMENT WIDENING

STOP SIGN TO BE MAINTAINED

PROP. R.O.W.

PROP. TE

THORN RD.

CLOVERDALE RD.

ROAD CONSTRUCTION AHEAD
W20-I103(O)-36
W6-1(O) 21"X15"

W20-I103(O)-48
W1-4b(0)-48
W2-I115(0)-3618
R2-1-3648
R10-I108p-3618
R2-I106p-3618
W21-1a(O)-48

WORK ZONE
SPEED LIMIT 40
PHOTO ENFORCED
$250 FINE MINIMUM

LEGEND

- WORK AREA
- MEDIAN, PAVEMENT REMOVAL, OR TEMPORARY PAVEMENT REMOVAL
- TEMPORARY PAVEMENT
- TYPE II BARRICADES OR DRUMS @ 50' C-C (TANGENTS), 10' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS.
- SIGN
- TYPE III BARRICADE
- THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

1. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE (TYP.)
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14. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" SOLID WHITE CROSSWALK LINE (TYP.)

NOTE: UTILIZE DAILY LANE CLOSURE ON THE OUTSIDE EASTBOUND LANE USING IDOT HIGHWAY STANDARDS

U.S. ROUTE 20

GARY AVENUE

COLBY COMMERCE DR.

MATCHLINE STA. 496+00

MATCHLINE STA. 511+00

200+00 500+00 505+00 510+00

PROP. R.O.W.

PROP. TE

EXIST. R.O.W.

PROPOSED EDGE OF PAVEMENT WIDENING

STOP SIGN TO BE MAINTANINED

120 FT TAPER

END WORK ZONE SPEED LIMIT
G20-I103
36"X60"

NOTE: THIS IS SUGGESTED STAGING PLAN

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STAGE II CONSTRUCTION
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	35
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
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TEMPORARY PAVEMENT MARKING LEGEND

1. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE (TYP.)
2. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
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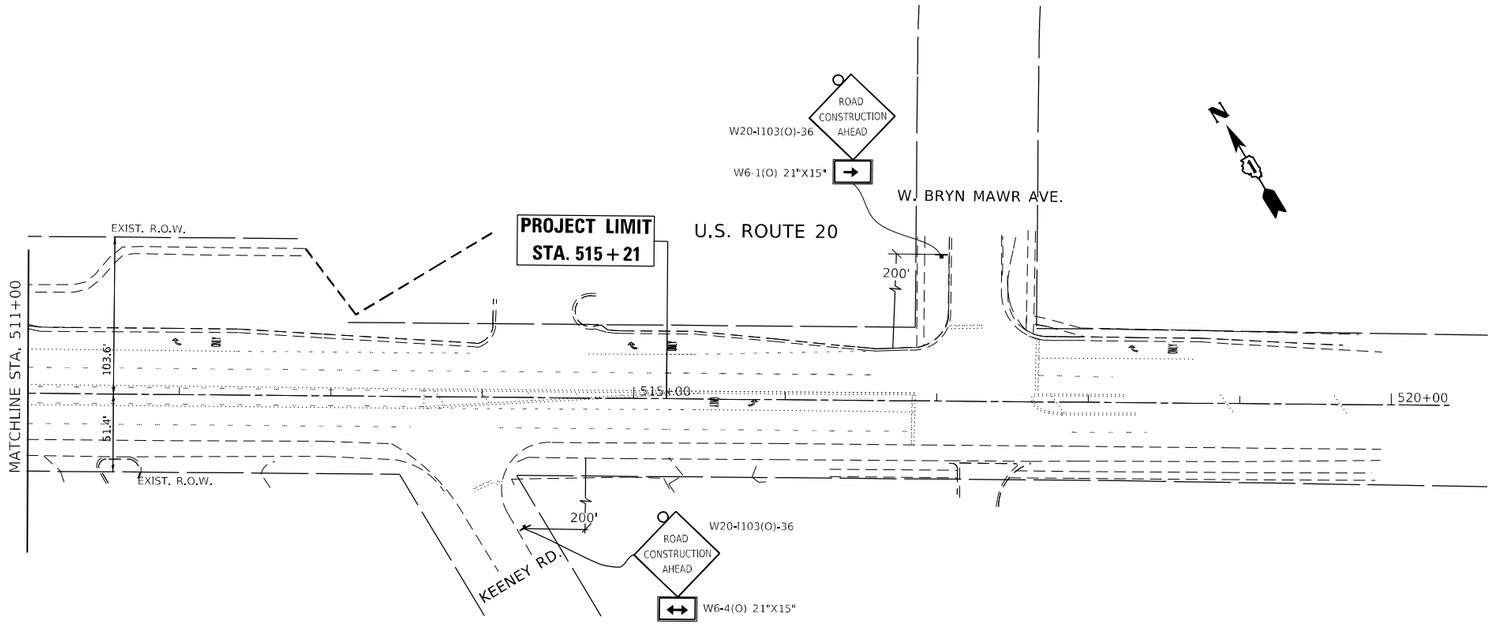

LEGEND

- WORK AREA
- MEDIAN, PAVEMENT REMOVAL, OR TEMPORARY PAVEMENT REMOVAL
- TEMPORARY PAVEMENT
- TYPE II BARRICADES OR DRUMS @ 50' C-C (TANGENTS), 10' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS.
- SIGN
- TYPE III BARRICADE
- THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

NOTE: THIS IS SUGGESTED STAGING PLAN

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWITDOT Documents\IDOT Offices\District 1\Projects\P104914\CADData\Design\P104914-ot-Stage2.dgn

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STAGE II CONSTRUCTION
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	36
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

TEMPORARY PAVEMENT MARKING LEGEND

1. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE (TYP.)
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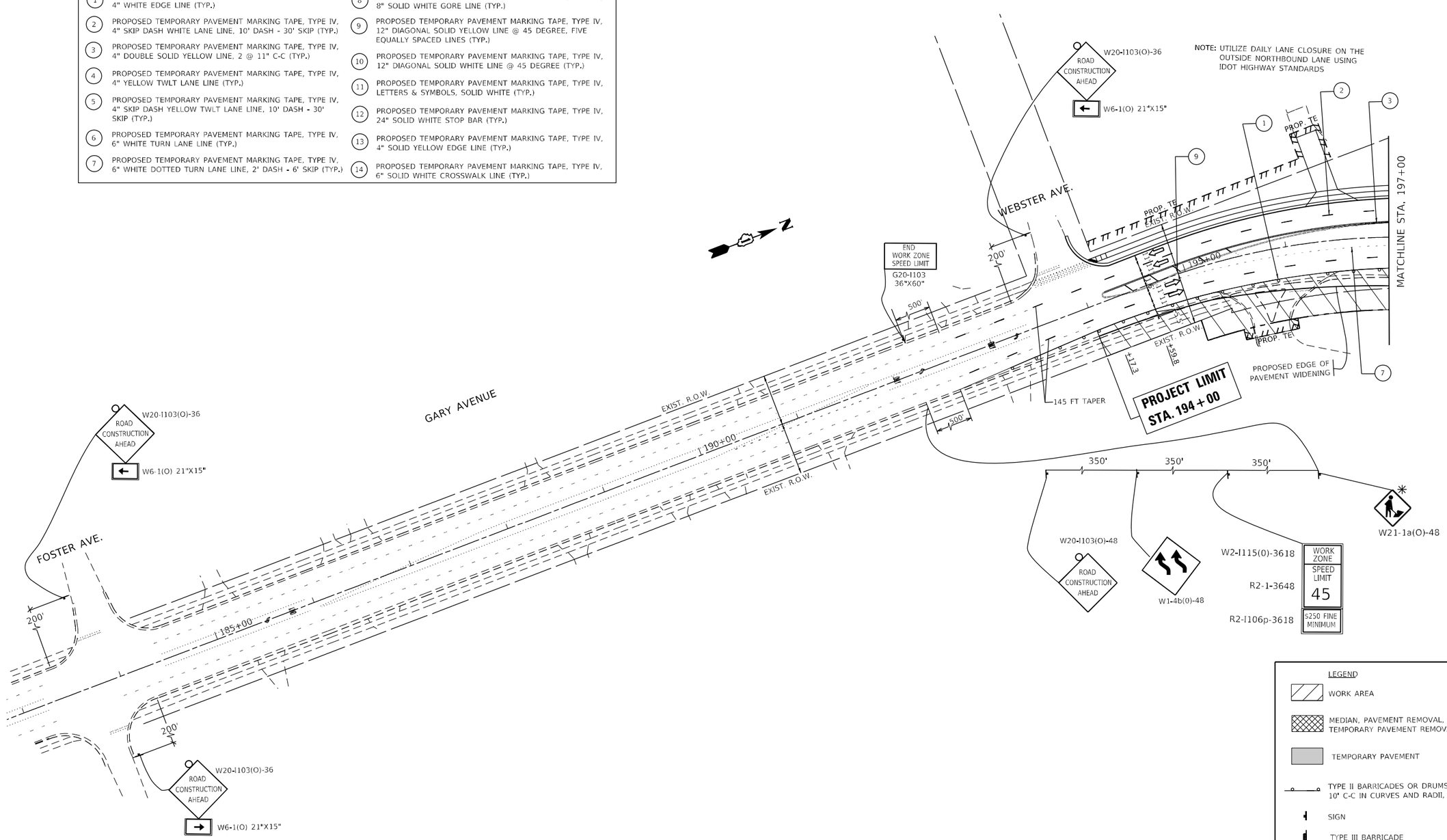

NOTE: UTILIZE DAILY LANE CLOSURE ON THE OUTSIDE NORTHBOUND LANE USING IDOT HIGHWAY STANDARDS

LEGEND

- WORK AREA
- MEDIAN, PAVEMENT REMOVAL, OR TEMPORARY PAVEMENT REMOVAL
- TEMPORARY PAVEMENT
- TYPE II BARRICADES OR DRUMS @ 50' C-C (TANGENTS), 10' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS.
- SIGN
- TYPE III BARRICADE
- THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

NOTE: THIS IS SUGGESTED STAGING PLAN

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STAGE II CONSTRUCTION
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	37
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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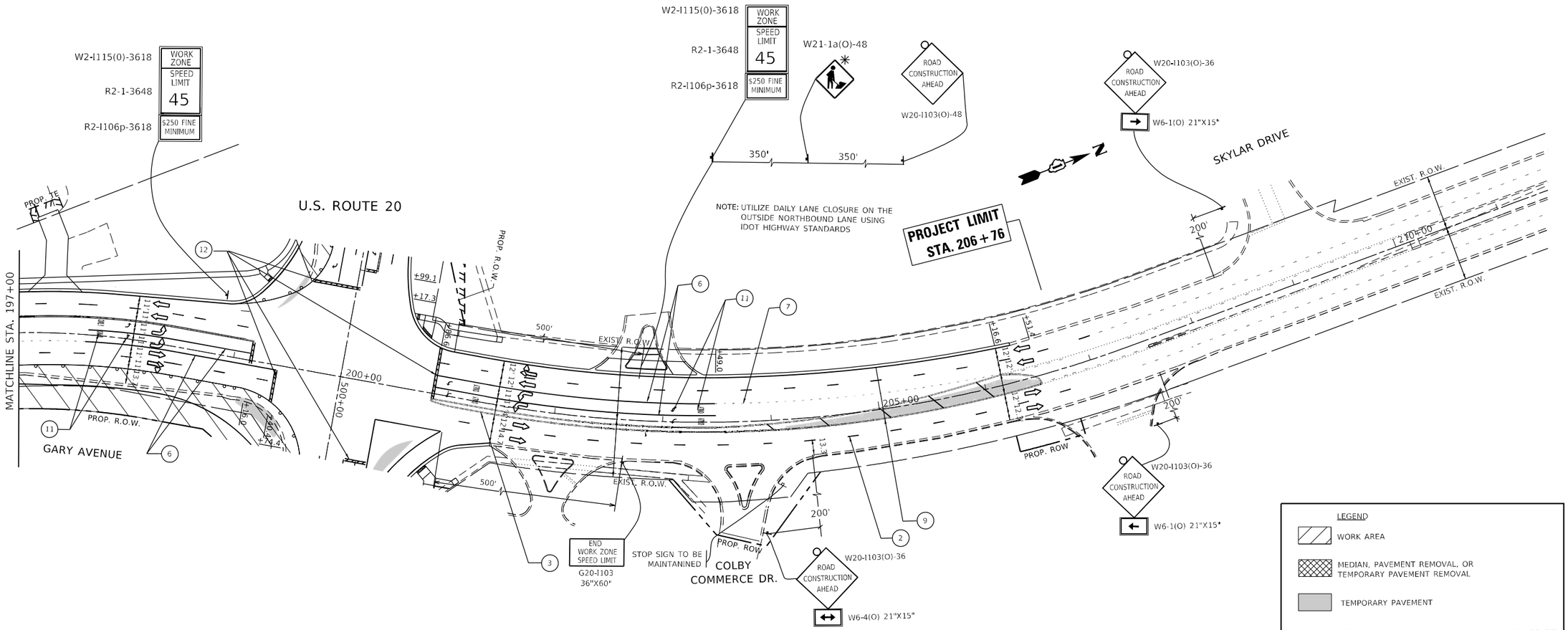
TEMPORARY PAVEMENT MARKING LEGEND

1. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE (TYP.)
2. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
4. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW TWLT LANE LINE (TYP.)
5. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH YELLOW TWLT LANE LINE, 10' DASH - 30' SKIP (TYP.)
6. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE TURN LANE LINE (TYP.)
7. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE DOTTED TURN LANE LINE, 2' DASH - 6' SKIP (TYP.)
8. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 8" SOLID WHITE GORE LINE (TYP.)
9. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 12" DIAGONAL SOLID YELLOW LINE @ 45 DEGREE, FIVE EQUALLY SPACED LINES (TYP.)
10. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 12" DIAGONAL SOLID WHITE LINE @ 45 DEGREE (TYP.)
11. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
12. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 24" SOLID WHITE STOP BAR (TYP.)
13. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SOLID YELLOW EDGE LINE (TYP.)
14. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" SOLID WHITE CROSSWALK LINE (TYP.)



NOTE: THIS IS SUGGESTED STAGING PLAN

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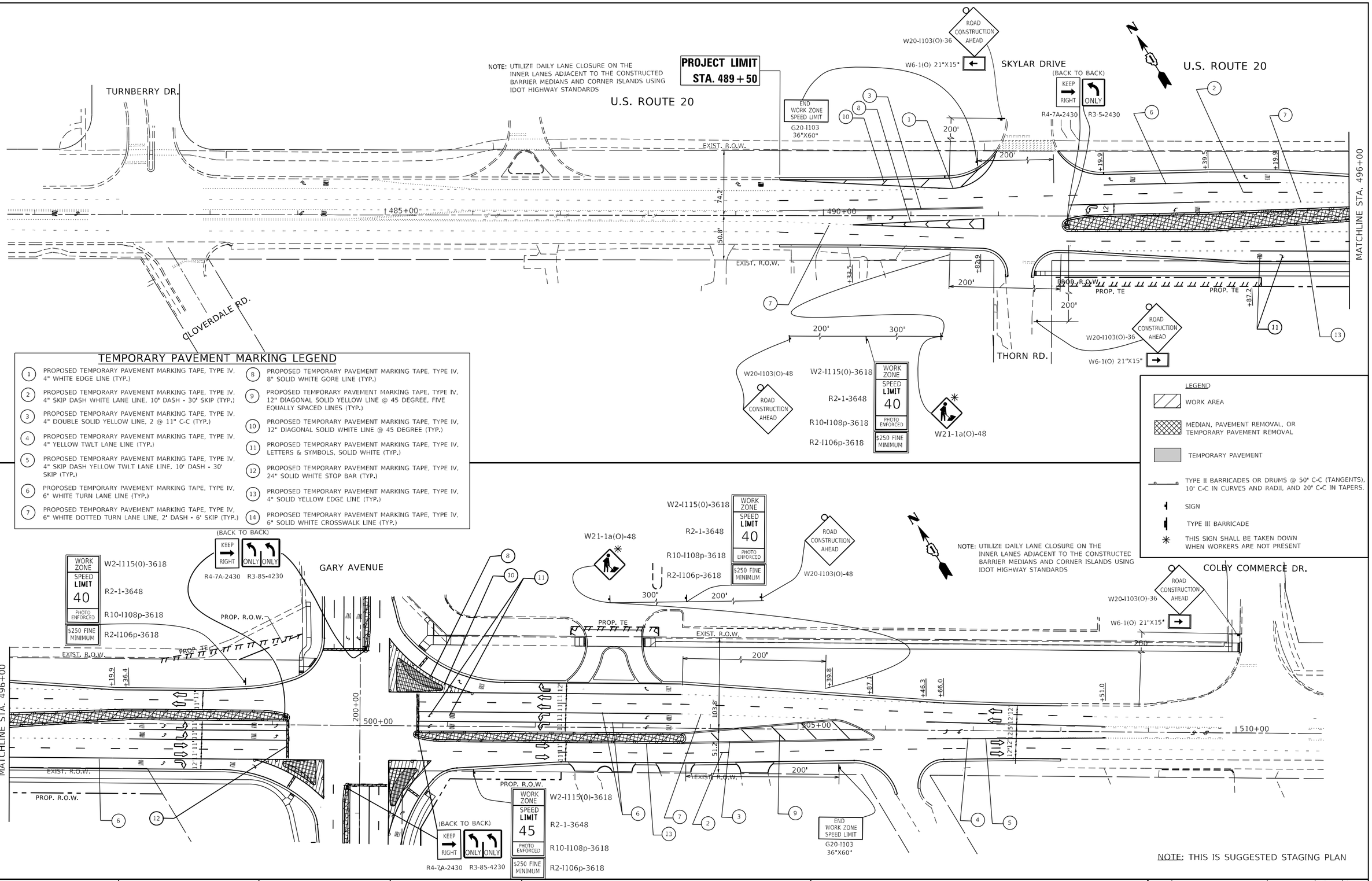
USER NAME = Rana,Kalo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II CONSTRUCTION
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	38
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



TEMPORARY PAVEMENT MARKING LEGEND

1. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE (TYP.)
2. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
4. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW TWLT LANE LINE (TYP.)
5. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH YELLOW TWLT LANE LINE, 10' DASH - 30' SKIP (TYP.)
6. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE TURN LANE LINE (TYP.)
7. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE DOTTED TURN LANE LINE, 2' DASH - 6' SKIP (TYP.)
8. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 8" SOLID WHITE GORE LINE (TYP.)
9. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 12" DIAGONAL SOLID YELLOW LINE @ 45 DEGREE, FIVE EQUALLY SPACED LINES (TYP.)
10. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 12" DIAGONAL SOLID WHITE LINE @ 45 DEGREE (TYP.)
11. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
12. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 24" SOLID WHITE STOP BAR (TYP.)
13. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SOLID YELLOW EDGE LINE (TYP.)
14. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" SOLID WHITE CROSSWALK LINE (TYP.)

LEGEND

- WORK AREA
- MEDIAN, PAVEMENT REMOVAL, OR TEMPORARY PAVEMENT REMOVAL
- TEMPORARY PAVEMENT
- TYPE II BARRICADES OR DRUMS @ 50' C-C (TANGENTS), 10' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS.
- SIGN
- TYPE III BARRICADE
- THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

NOTE: UTILIZE DAILY LANE CLOSURE ON THE INNER LANES ADJACENT TO THE CONSTRUCTEC BARRIER MEDIANS AND CORNER ISLANDS USING IDOT HIGHWAY STANDARDS

NOTE: THIS IS SUGGESTED STAGING PLAN

MODEL: Default
FILE NAME: z:\Willet-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\P10491\ICADData\Design\P10491-ts-ph-Stage3.dgn

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

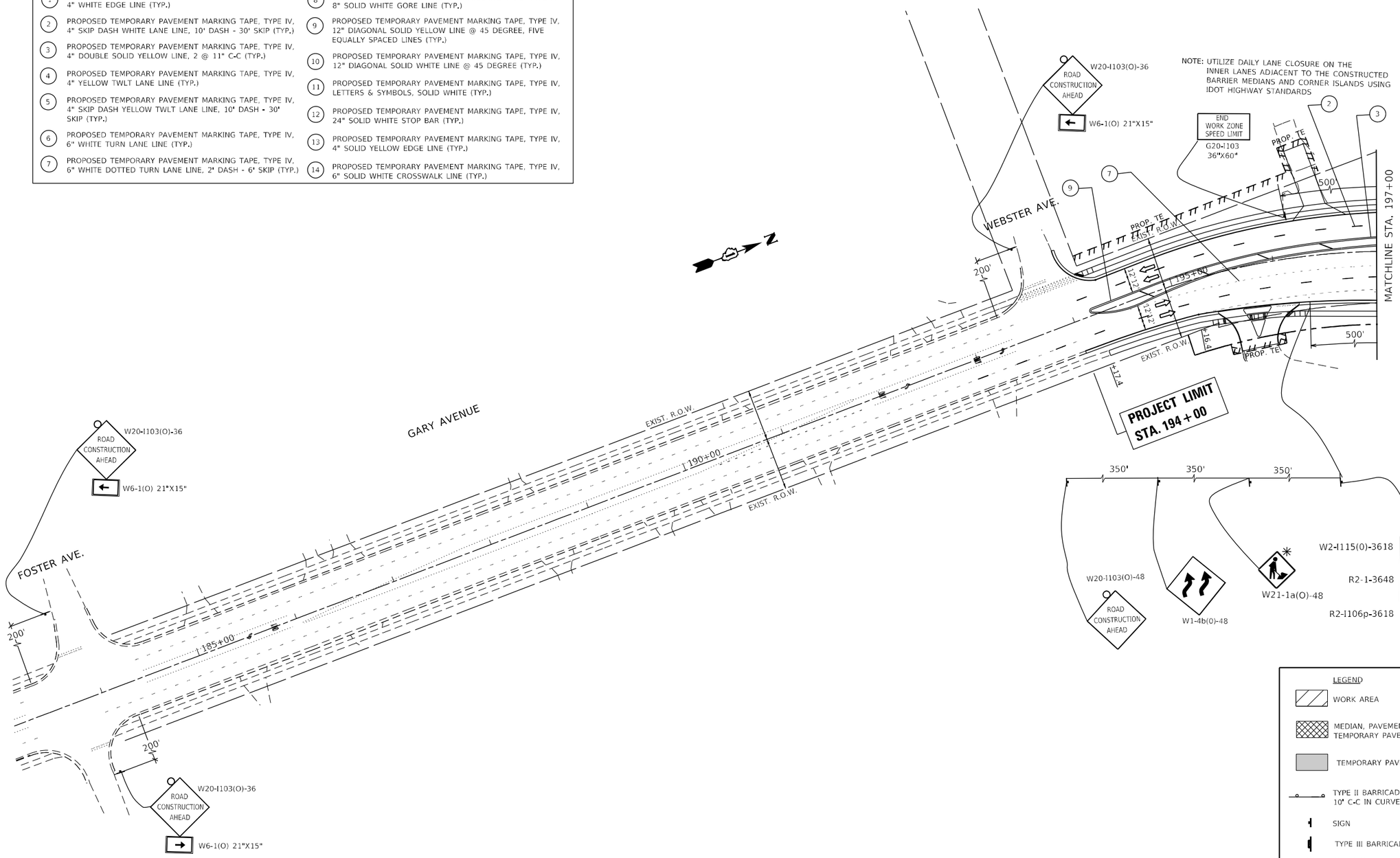
STAGE III CONSTRUCTION
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	39
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

TEMPORARY PAVEMENT MARKING LEGEND

1. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE (TYP.)
2. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
4. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW TWLT LANE LINE (TYP.)
5. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH YELLOW TWLT LANE LINE, 10' DASH - 30' SKIP (TYP.)
6. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE TURN LANE LINE (TYP.)
7. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE DOTTED TURN LANE LINE, 2' DASH - 6' SKIP (TYP.)
8. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 8" SOLID WHITE GORE LINE (TYP.)
9. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 12" DIAGONAL SOLID YELLOW LINE @ 45 DEGREE, FIVE EQUALLY SPACED LINES (TYP.)
10. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 12" DIAGONAL SOLID WHITE LINE @ 45 DEGREE (TYP.)
11. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
12. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 24" SOLID WHITE STOP BAR (TYP.)
13. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SOLID YELLOW EDGE LINE (TYP.)
14. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 6" SOLID WHITE CROSSWALK LINE (TYP.)



NOTE: UTILIZE DAILY LANE CLOSURE ON THE INNER LANES ADJACENT TO THE CONSTRUCTED BARRIER MEDIANS AND CORNER ISLANDS USING IDOT HIGHWAY STANDARDS

LEGEND

- WORK AREA
- MEDIAN, PAVEMENT REMOVAL, OR TEMPORARY PAVEMENT REMOVAL
- TEMPORARY PAVEMENT
- TYPE II BARRICADES OR DRUMS @ 50' C-C (TANGENTS), 10' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS.
- SIGN
- TYPE III BARRICADE
- THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

NOTE: THIS IS SUGGESTED STAGING PLAN

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE III CONSTRUCTION
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	40
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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TEMPORARY PAVEMENT MARKING LEGEND

1. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE (TYP.)
2. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
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5. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 4" SKIP DASH YELLOW TWLT LANE LINE, 10' DASH - 30' SKIP (TYP.)
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11. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
12. PROPOSED TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, 24" SOLID WHITE STOP BAR (TYP.)
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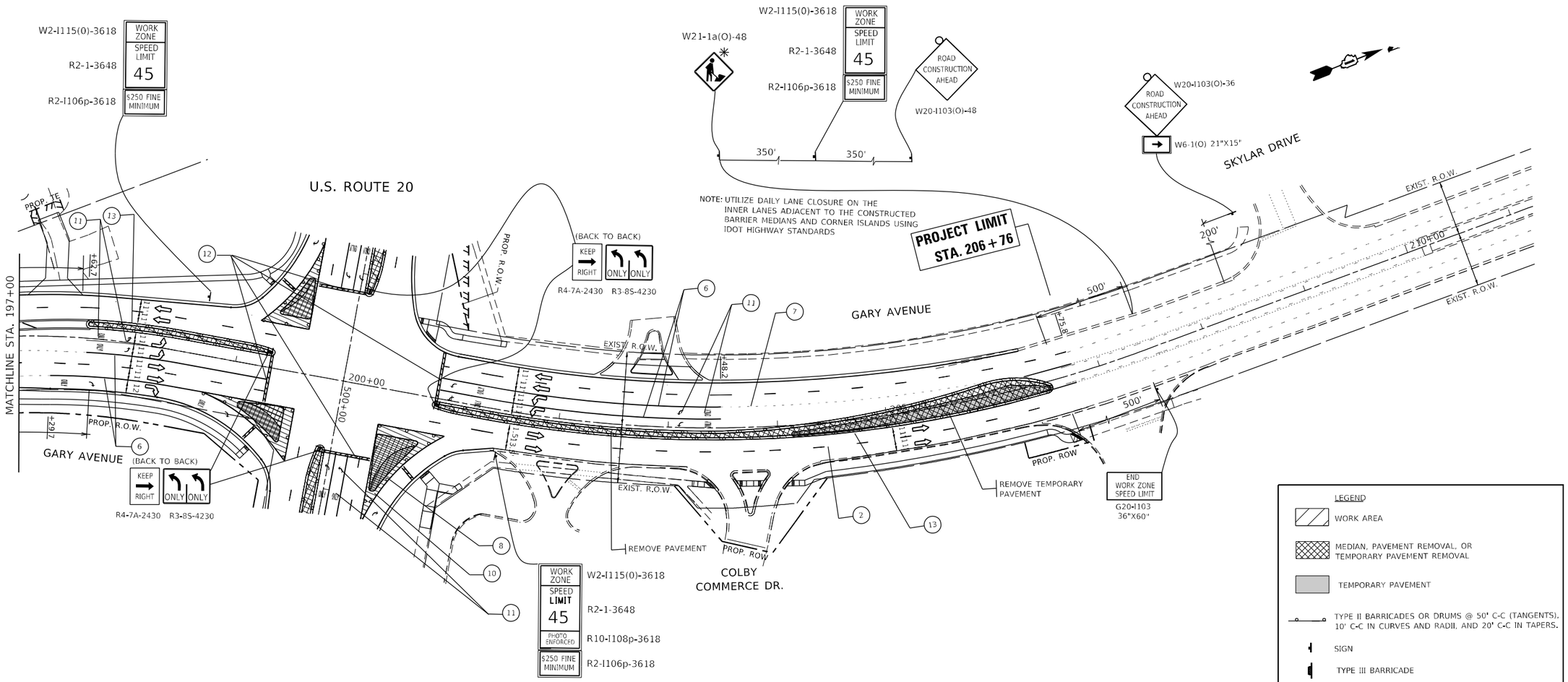

NOTE: THIS IS SUGGESTED STAGING PLAN

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STAGE III CONSTRUCTION
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	41
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

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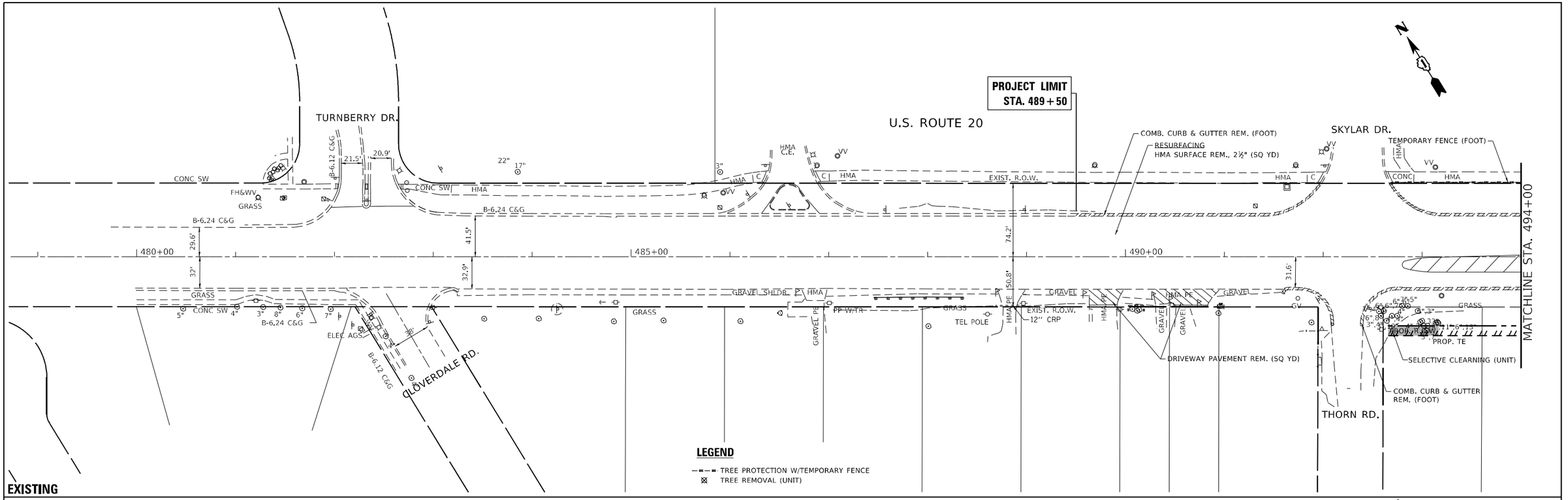

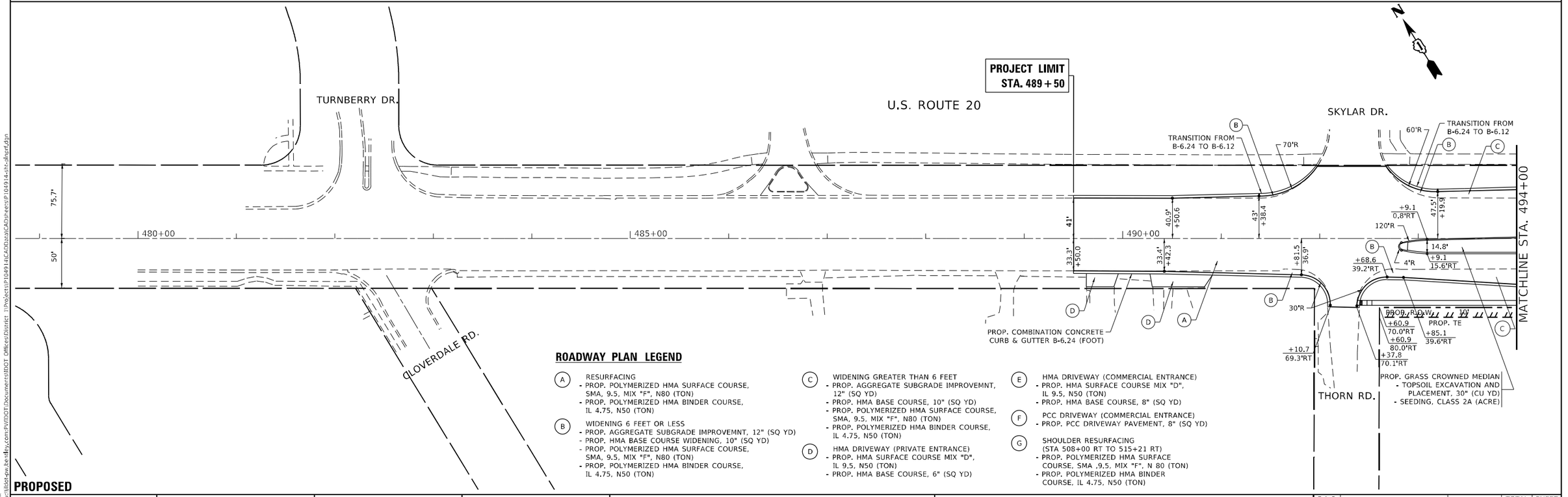

ROADWAY PLAN LEGEND

(A) RESURFACING
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

(B) WIDENING 6 FEET OR LESS
- PROP. AGGREGATE SUBGRADE IMPROVEMNT, 12" (SQ YD)
- PROP. HMA BASE COURSE WIDENING, 10" (SQ YD)
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

(C) WIDENING GREATER THAN 6 FEET
- PROP. AGGREGATE SUBGRADE IMPROVEMNT, 12" (SQ YD)
- PROP. HMA BASE COURSE, 10" (SQ YD)
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

(D) HMA DRIVEWAY (PRIVATE ENTRANCE)
- PROP. HMA SURFACE COURSE MIX "D", IL 9.5, N50 (TON)
- PROP. HMA BASE COURSE, 6" (SQ YD)

(E) HMA DRIVEWAY (COMMERCIAL ENTRANCE)
- PROP. HMA SURFACE COURSE MIX "D", IL 9.5, N50 (TON)
- PROP. HMA BASE COURSE, 8" (SQ YD)

(F) PCC DRIVEWAY (COMMERCIAL ENTRANCE)
- PROP. PCC DRIVEWAY PAVEMENT, 8" (SQ YD)

(G) SHOULDER RESURFACING (STA 508+00 RT TO 515+21 RT)
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA ,9.5, MIX "F", N 80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

ROADWAY PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	42
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

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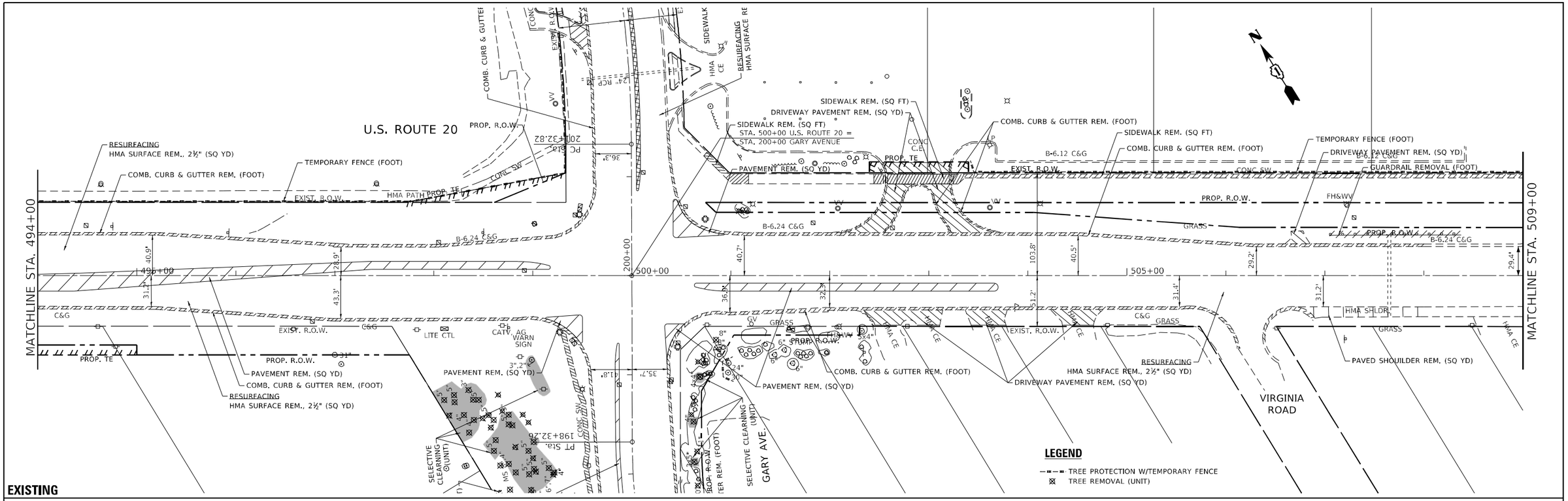


PROPOSED

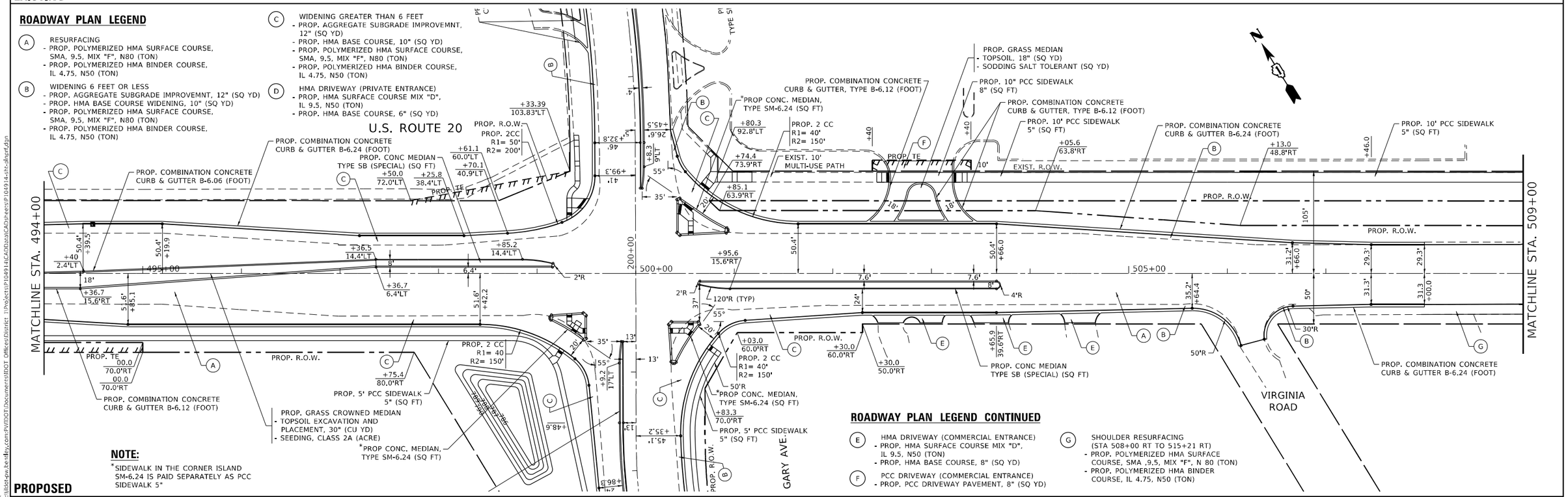
ROADWAY PLAN LEGEND

(A) RESURFACING
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

(B) WIDENING 6 FEET OR LESS
- PROP. AGGREGATE SUBGRADE IMPROVEMNT, 12" (SQ YD)
- PROP. HMA BASE COURSE WIDENING, 10" (SQ YD)
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

(C) WIDENING GREATER THAN 6 FEET
- PROP. AGGREGATE SUBGRADE IMPROVEMNT, 12" (SQ YD)
- PROP. HMA BASE COURSE, 10" (SQ YD)
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

(D) HMA DRIVEWAY (PRIVATE ENTRANCE)
- PROP. HMA SURFACE COURSE MIX "D", IL 9.5, N50 (TON)
- PROP. HMA BASE COURSE, 6" (SQ YD)



NOTE:
*SIDEWALK IN THE CORNER ISLAND SM-6.24 IS PAID SEPARATELY AS PCC SIDEWALK 5"

ROADWAY PLAN LEGEND CONTINUED

(E) HMA DRIVEWAY (COMMERCIAL ENTRANCE)
- PROP. HMA SURFACE COURSE MIX "D", IL 9.5, N50 (TON)
- PROP. HMA BASE COURSE, 8" (SQ YD)

(F) PCC DRIVEWAY (COMMERCIAL ENTRANCE)
- PROP. PCC DRIVEWAY PAVEMENT, 8" (SQ YD)

(G) SHOULDER RESURFACING (STA 508+00 RT TO 515+21 RT)
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA ,9.5, MIX "F", N 80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	43
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

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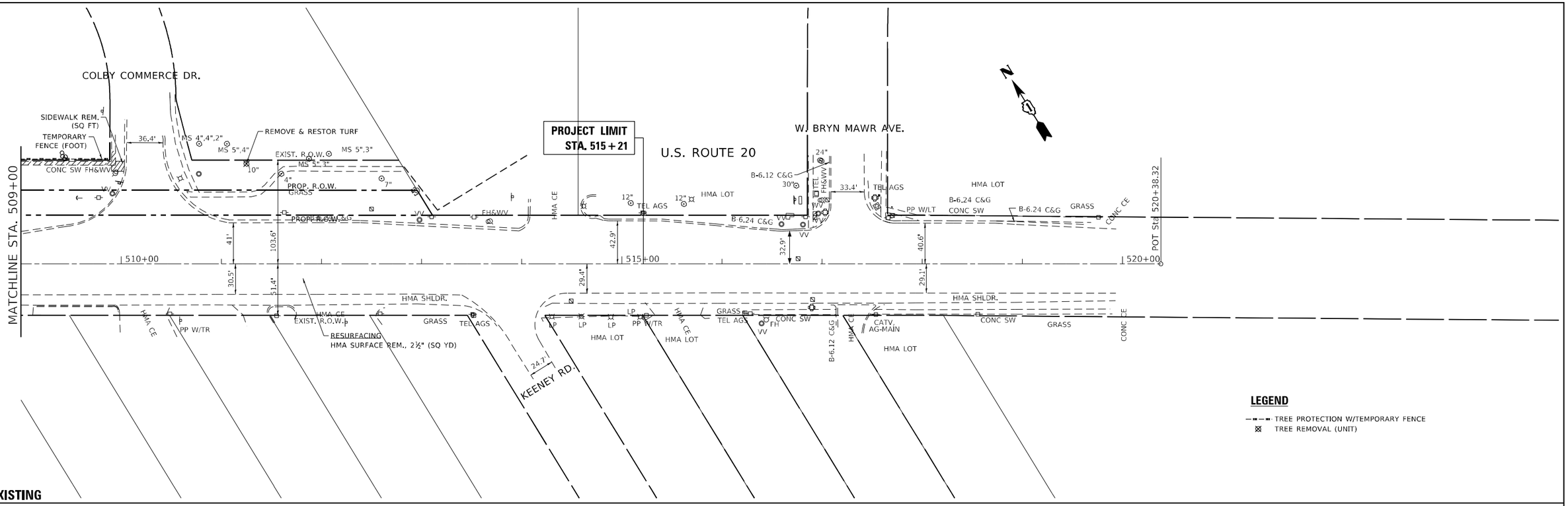
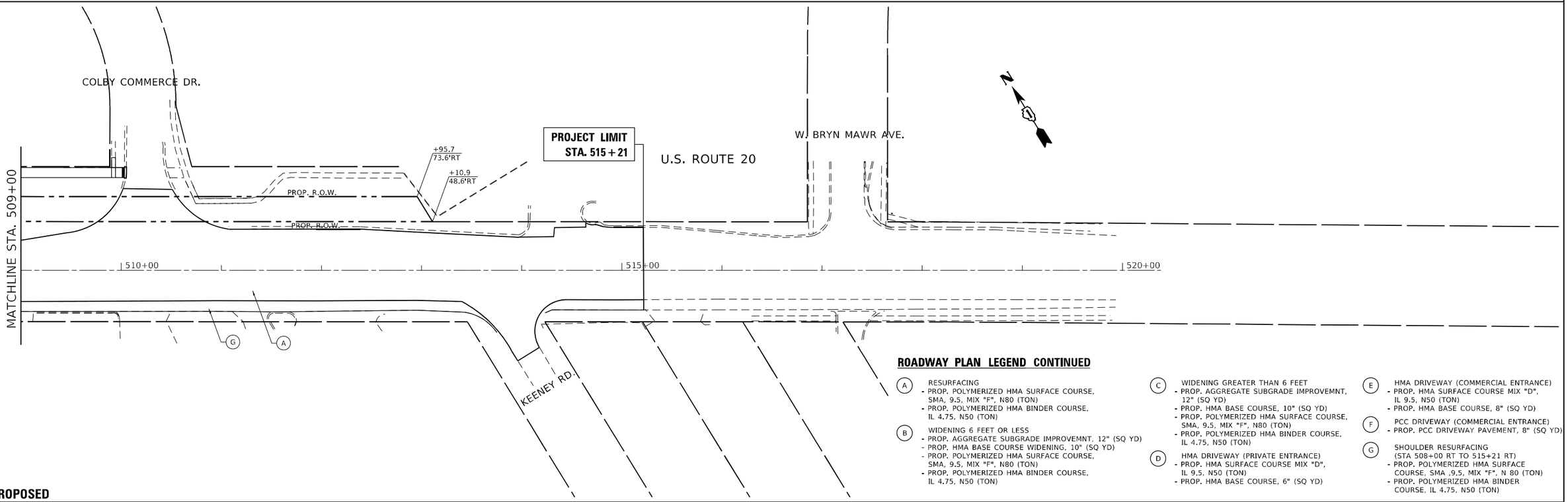


LEGEND

- TREE PROTECTION W/TEMPORARY FENCE
- TREE REMOVAL (UNIT)

PROPOSED



ROADWAY PLAN LEGEND CONTINUED

(A) RESURFACING
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

(B) WIDENING 6 FEET OR LESS
- PROP. AGGREGATE SUBGRADE IMPROVEMNT, 12" (SQ YD)
- PROP. HMA BASE COURSE WIDENING, 10" (SQ YD)
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

(C) WIDENING GREATER THAN 6 FEET
- PROP. AGGREGATE SUBGRADE IMPROVEMNT, 12" (SQ YD)
- PROP. HMA BASE COURSE, 10" (SQ YD)
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

(D) HMA DRIVEWAY (PRIVATE ENTRANCE)
- PROP. HMA SURFACE COURSE MIX "D", IL 9.5, N50 (TON)
- PROP. HMA BASE COURSE, 6" (SQ YD)

(E) HMA DRIVEWAY (COMMERCIAL ENTRANCE)
- PROP. HMA SURFACE COURSE MIX "D", IL 9.5, N50 (TON)
- PROP. HMA BASE COURSE, 8" (SQ YD)

(F) PCC DRIVEWAY (COMMERCIAL ENTRANCE)
- PROP. PCC DRIVEWAY PAVEMENT, 8" (SQ YD)

(G) SHOULDER RESURFACING (STA 508+00 RT TO 515+21 RT)
- PROP. POLYMERIZED HMA SURFACE COURSE, SMA ,9.5, MIX "F", N 80 (TON)
- PROP. POLYMERIZED HMA BINDER COURSE, IL 4.75, N50 (TON)

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	**STATE OF ILLINOIS**
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

ROADWAY PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	44
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

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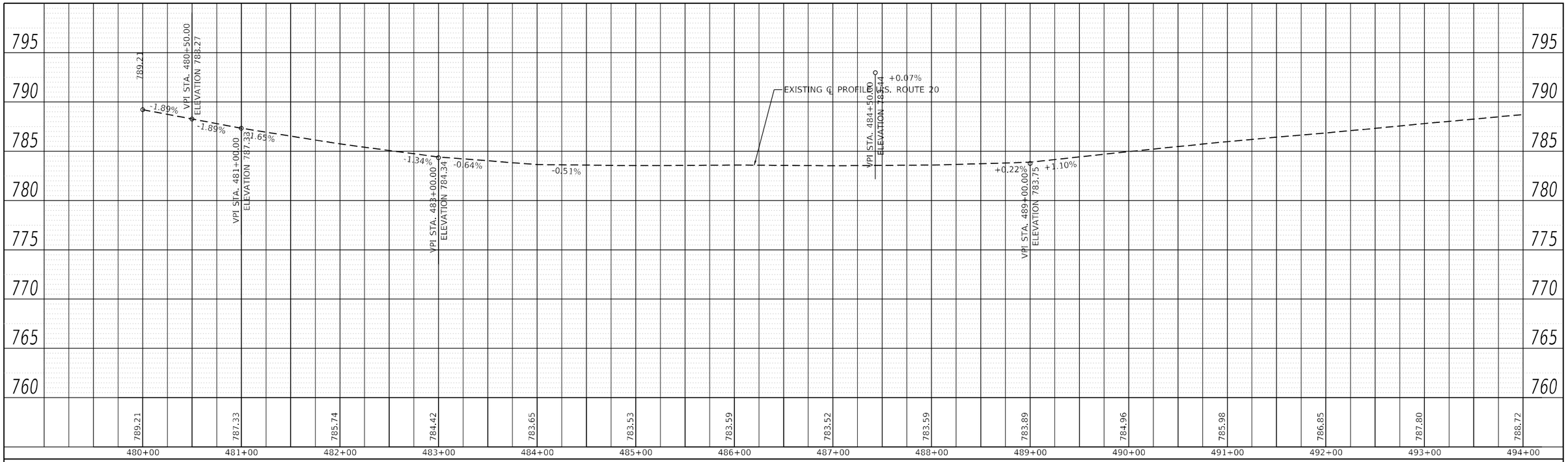
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE



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GRADE CHECKED
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NOTE BOOK
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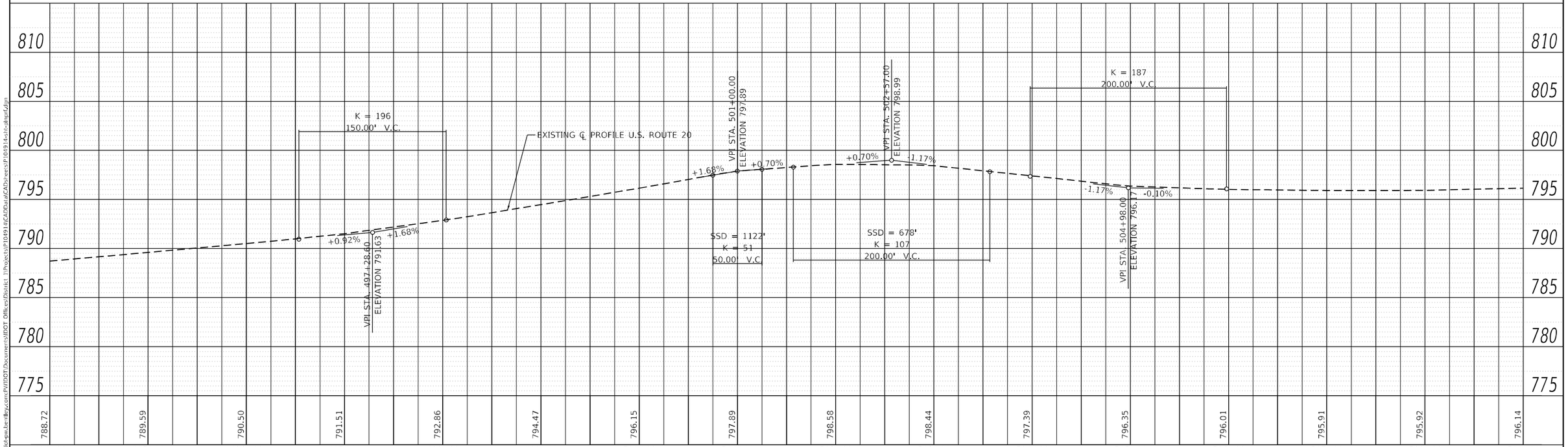
BY
DATE



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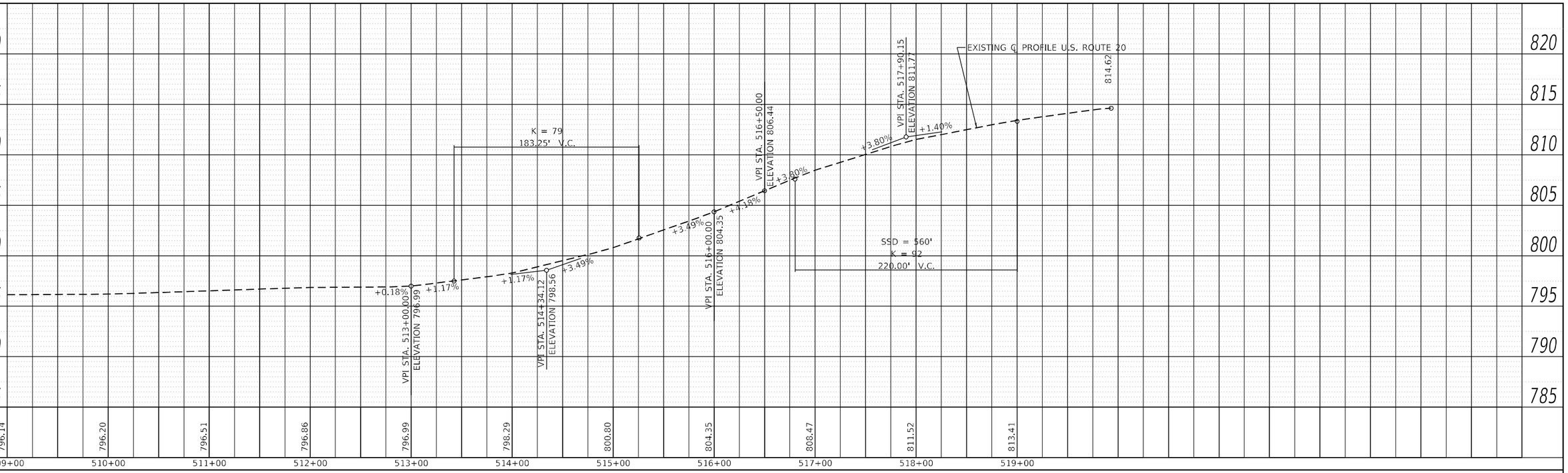
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	45
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



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NOTE BOOK
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BY
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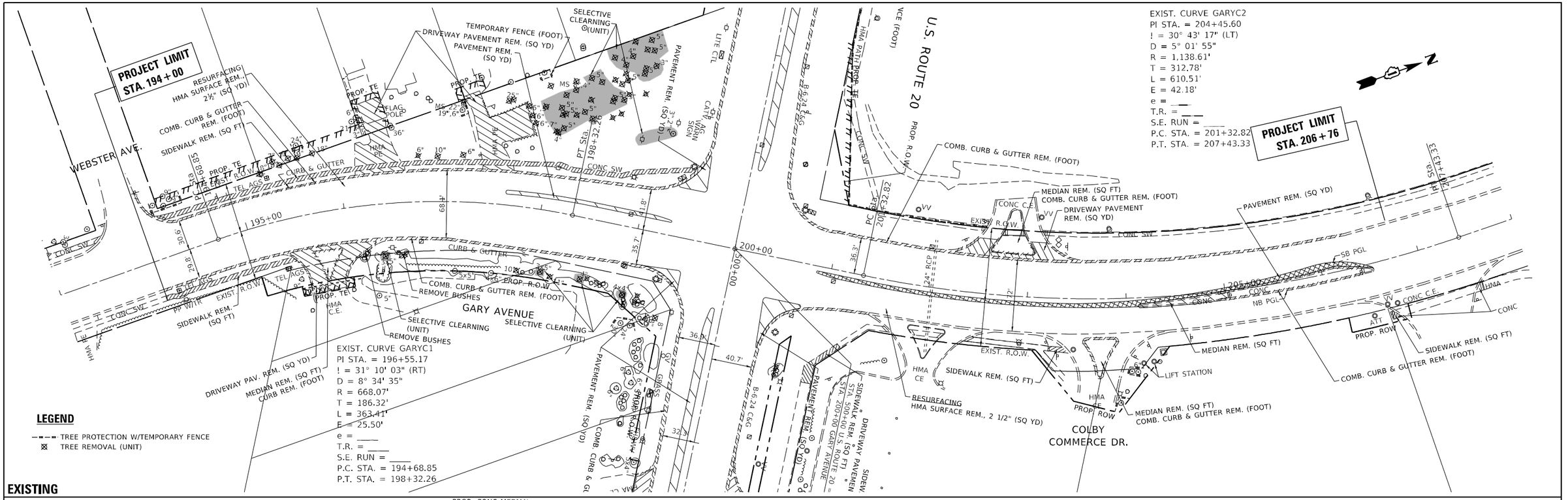
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

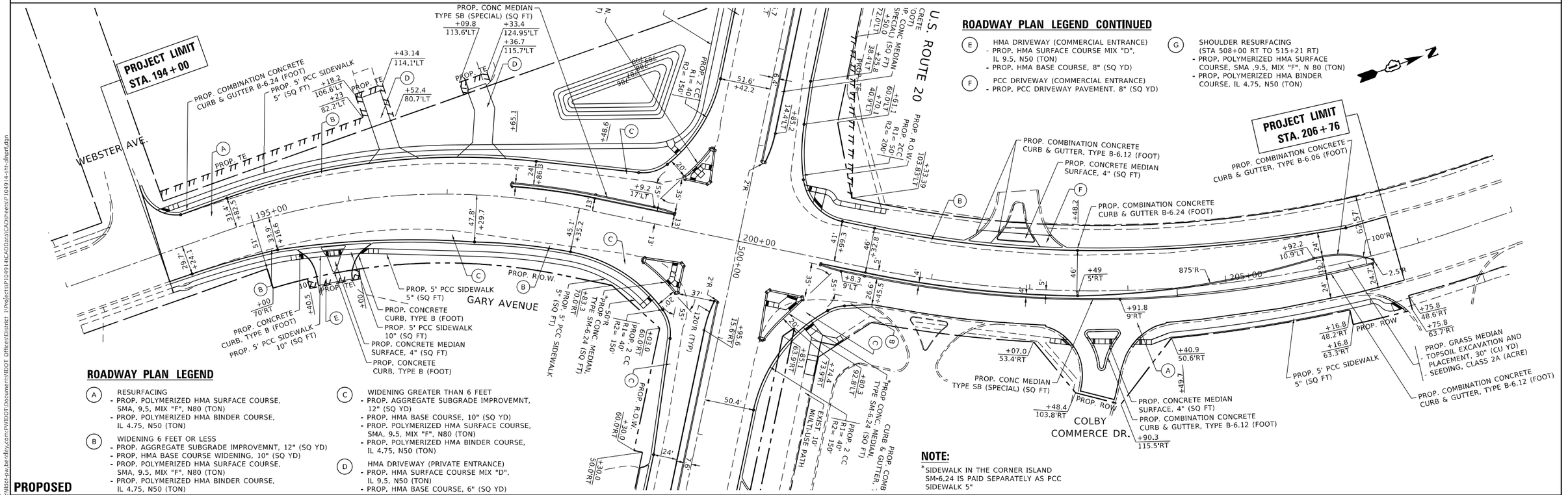
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	46
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		





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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	47
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

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NOTE BOOK
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PROFILE
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GRADES CHECKED
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STRUCTURE NOTATIONS DYNED
NOTE BOOK
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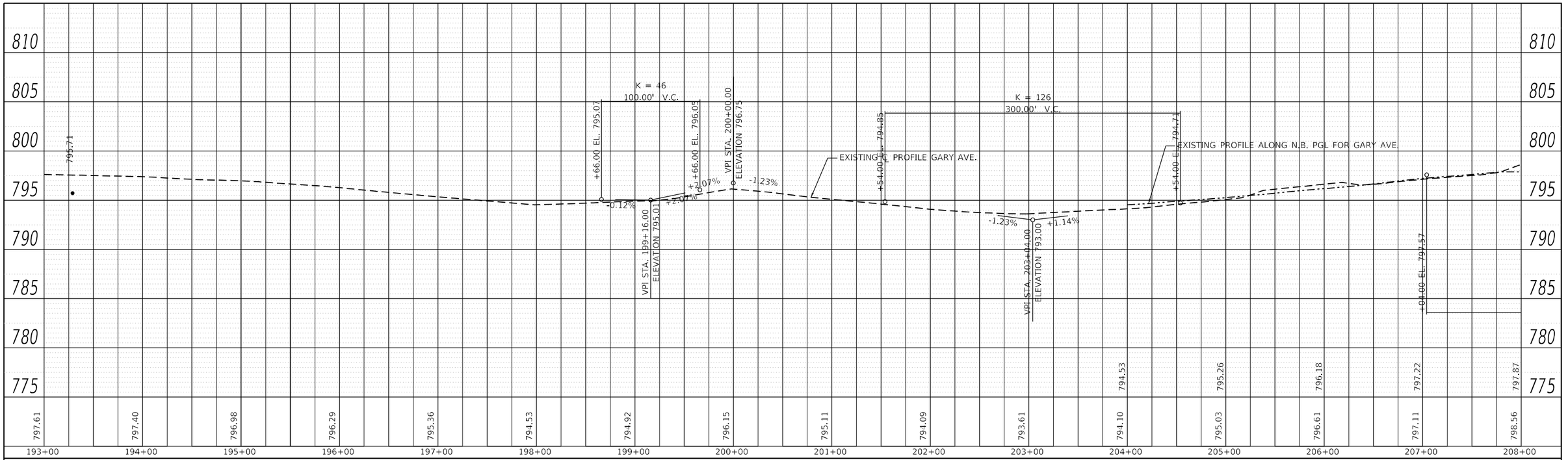

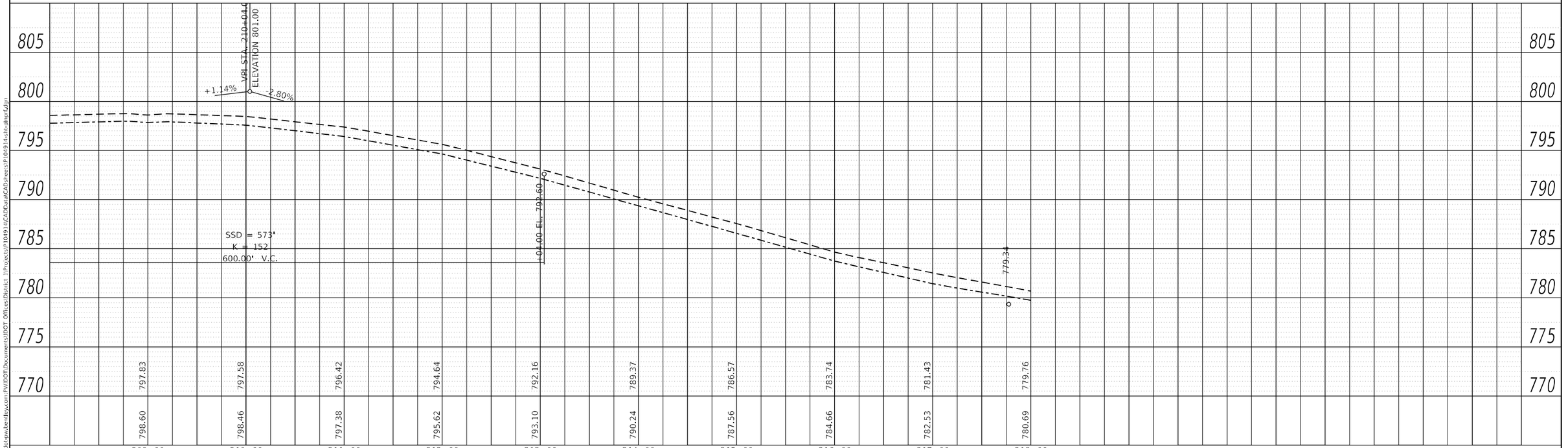

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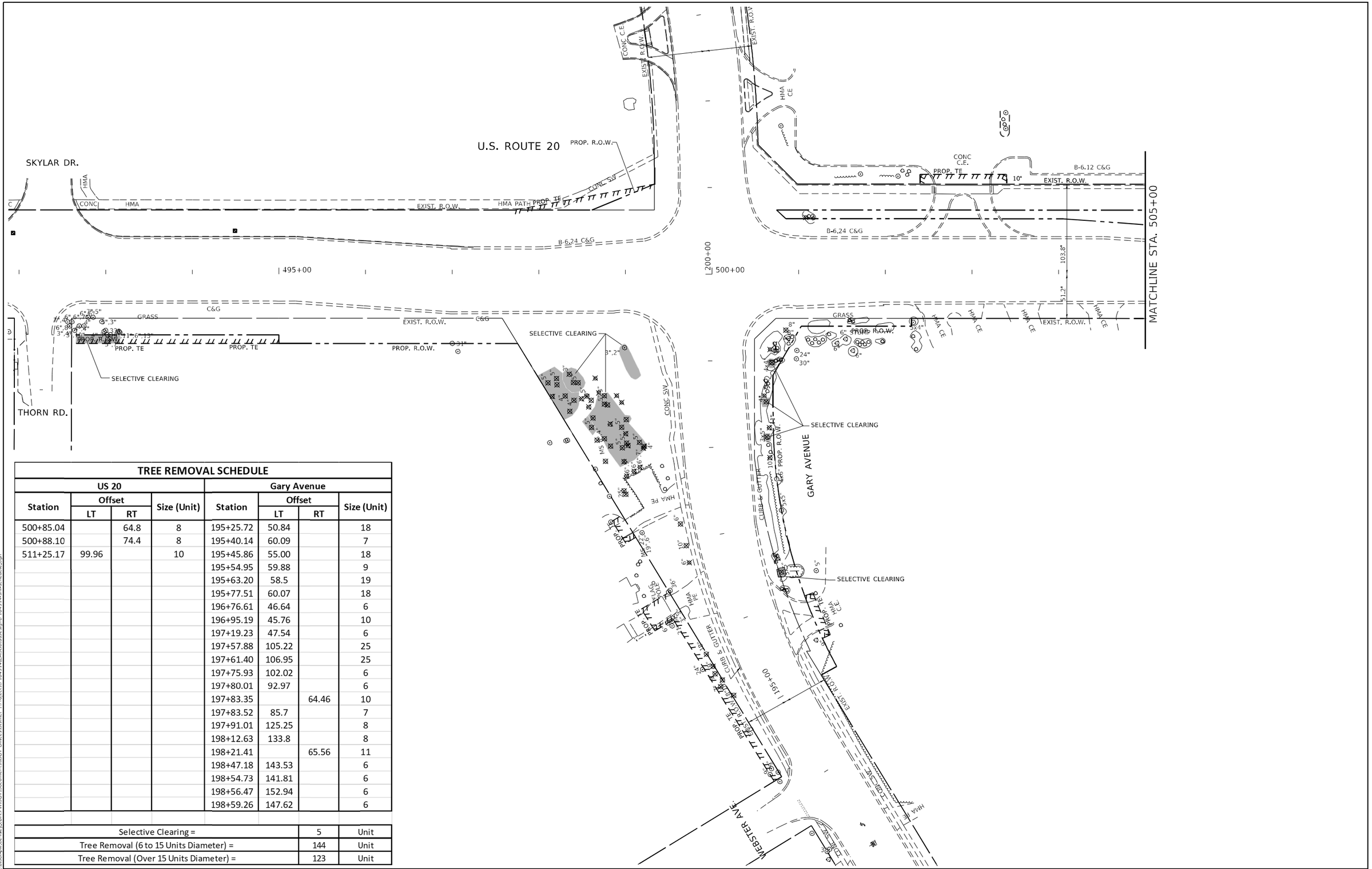
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	48
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



TREE REMOVAL SCHEDULE

US 20				Gary Avenue			
Station	Offset		Size (Unit)	Station	Offset		Size (Unit)
	LT	RT			LT	RT	
500+85.04		64.8	8	195+25.72	50.84		18
500+88.10		74.4	8	195+40.14	60.09		7
511+25.17	99.96		10	195+45.86	55.00		18
				195+54.95	59.88		9
				195+63.20	58.5		19
				195+77.51	60.07		18
				196+76.61	46.64		6
				196+95.19	45.76		10
				197+19.23	47.54		6
				197+57.88	105.22		25
				197+61.40	106.95		25
				197+75.93	102.02		6
				197+80.01	92.97		6
				197+83.35		64.46	10
				197+83.52	85.7		7
				197+91.01	125.25		8
				198+12.63	133.8		8
				198+21.41		65.56	11
				198+47.18	143.53		6
				198+54.73	141.81		6
				198+56.47	152.94		6
				198+59.26	147.62		6

Selective Clearing =	5	Unit
Tree Removal (6 to 15 Units Diameter) =	144	Unit
Tree Removal (Over 15 Units Diameter) =	123	Unit

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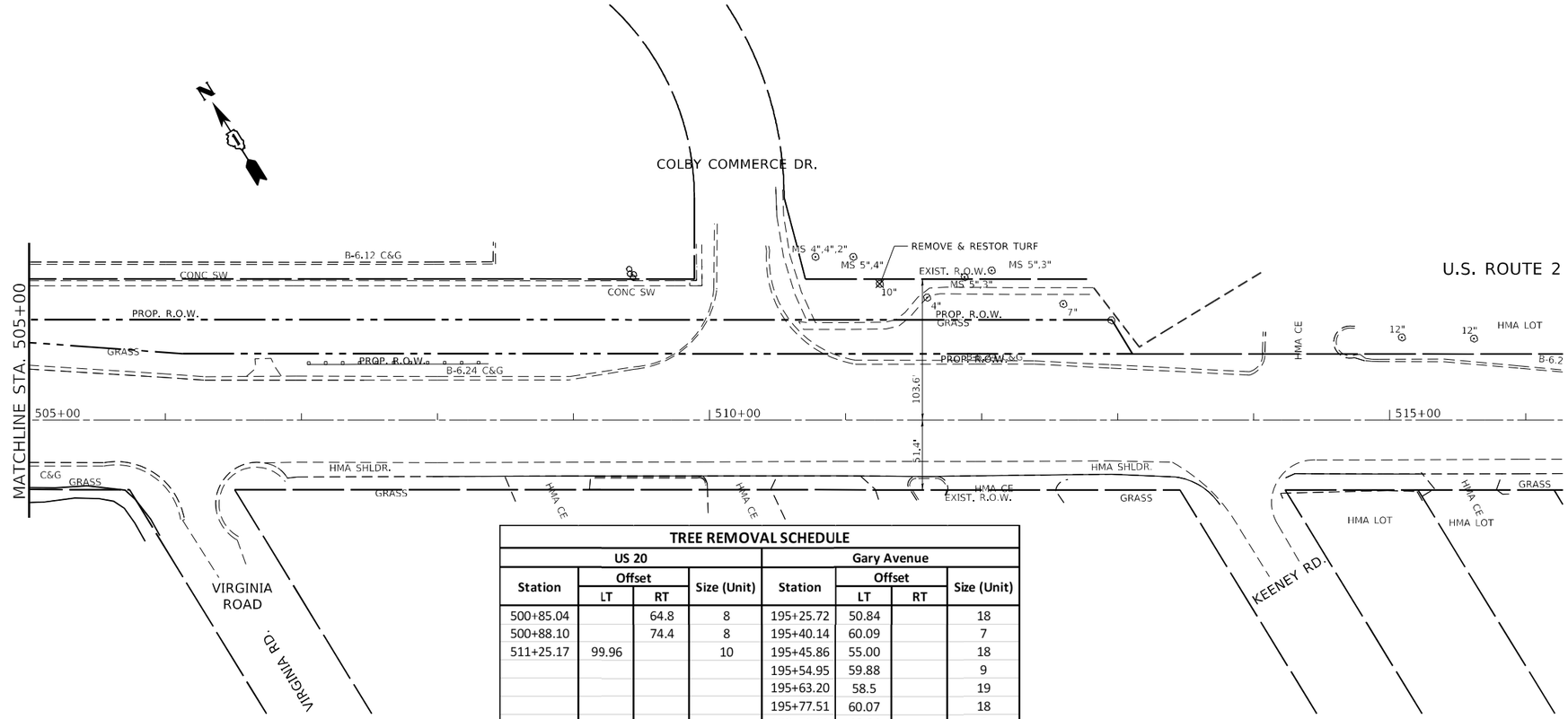
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/23/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL
US 20 AT GARY AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	49
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	



TREE REMOVAL SCHEDULE

US 20				Gary Avenue			
Station	Offset		Size (Unit)	Station	Offset		Size (Unit)
	LT	RT			LT	RT	
500+85.04		64.8	8	195+25.72	50.84		18
500+88.10		74.4	8	195+40.14	60.09		7
511+25.17	99.96		10	195+45.86	55.00		18
				195+54.95	59.88		9
				195+63.20	58.5		19
				195+77.51	60.07		18
				196+76.61	46.64		6
				196+95.19	45.76		10
				197+19.23	47.54		6
				197+57.88	105.22		25
				197+61.40	106.95		25
				197+75.93	102.02		6
				197+80.01	92.97		6
				197+83.35		64.46	10
				197+83.52	85.7		7
				197+91.01	125.25		8
				198+12.63	133.8		8
				198+21.41		65.56	11
				198+47.18	143.53		6
				198+54.73	141.81		6
				198+56.47	152.94		6
				198+59.26	147.62		6

Selective Clearing =	5	Unit
Tree Removal (6 to 15 Units Diameter) =	144	Unit
Tree Removal (Over 15 Units Diameter) =	123	Unit

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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL
US 20 AT GARY AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	50
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

EROSION CONTROL GENERAL NOTES

1 - ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND ON THE CONSTURCION TAB AT: ((HTTP://WWW.ILLINOIS.GOV/TRANSPORTAION-SYSTEM/ENVIROMENT/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. DURING WINTOR MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.

4- THE CONTRACTOR SHALL PROVIDE THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONTRUCTION. 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 FORCASTED, SO THAT THE 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 INITIALTED 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 OCNTRACTOR PROLONG FINAL GRADING AND SHAPING SO THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

8- EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.

9- "WETLANDS NO INTRUTION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLAND AND/OR WOUS.

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	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

EROSION CONTROL NOTES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

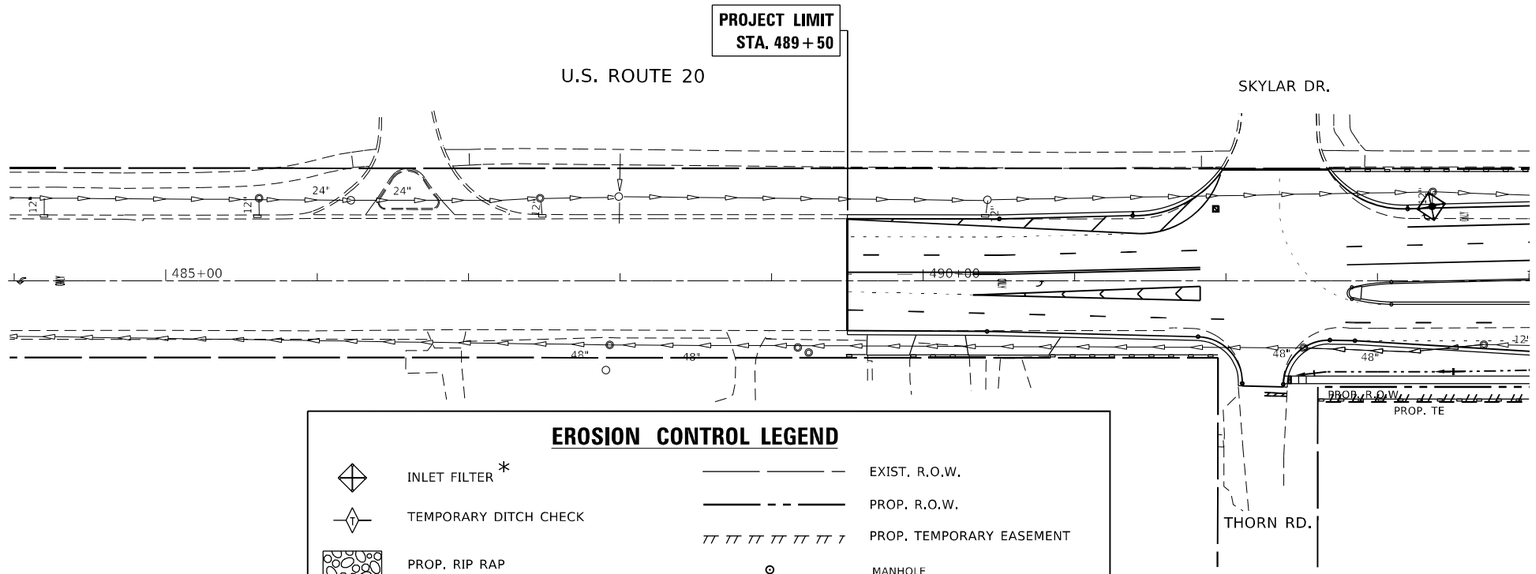
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	51
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

PERIMETER EROSION BARRIER LOCATIONS			
LOCATION	OFFSET	FROM STATION	TO STATION
US 20	VAR. 73.1' LT TO 102.8' LT	492+69.6	499+35.4
US 20	49.9' RT	489+50.0	489+63.0
US 20	49.9' RT	489+91.0	490+29.9
US 20	49.9' RT	490+83.0	491+94.7
US 20	79.0' RT	492+60.7	495+02.2
US 20	50.2' RT	503+11.1	503+42.8
US 20	50.2' RT	503+78.4	504+34.9
US 20	50.2' RT	504+66.4	505+73.7
US 20	50.3' RT	506+51.0	508+00.0
GARY AVE.	VAR. 59.0' LT TO 81.3' LT	194+21.0	196+23.4
GARY AVE.	VAR. 76.7' LT TO 100.2' LT	196+52.3	197+14.5
GARY AVE.	VAR. 11.5' LT TO 223.8' LT	197+37.8	199+20.7
GARY AVE.	VAR. 65.3' LT TO 65.7' LT	201+02.2	202+51.5
GARY AVE.	VAR. 61.9' LT TO 57.9' LT	203+15.8	206+76.0
GARY AVE.	VAR. 49.2' RT TO 69.0' RT	194+00.0	195+40.5
GARY AVE.	VAR. 69.0' RT TO 101.8' RT	196+01.7	199+39.7

TEMPORARY EROSION CONTROL SEQUENCE OF CONSTRUCTION

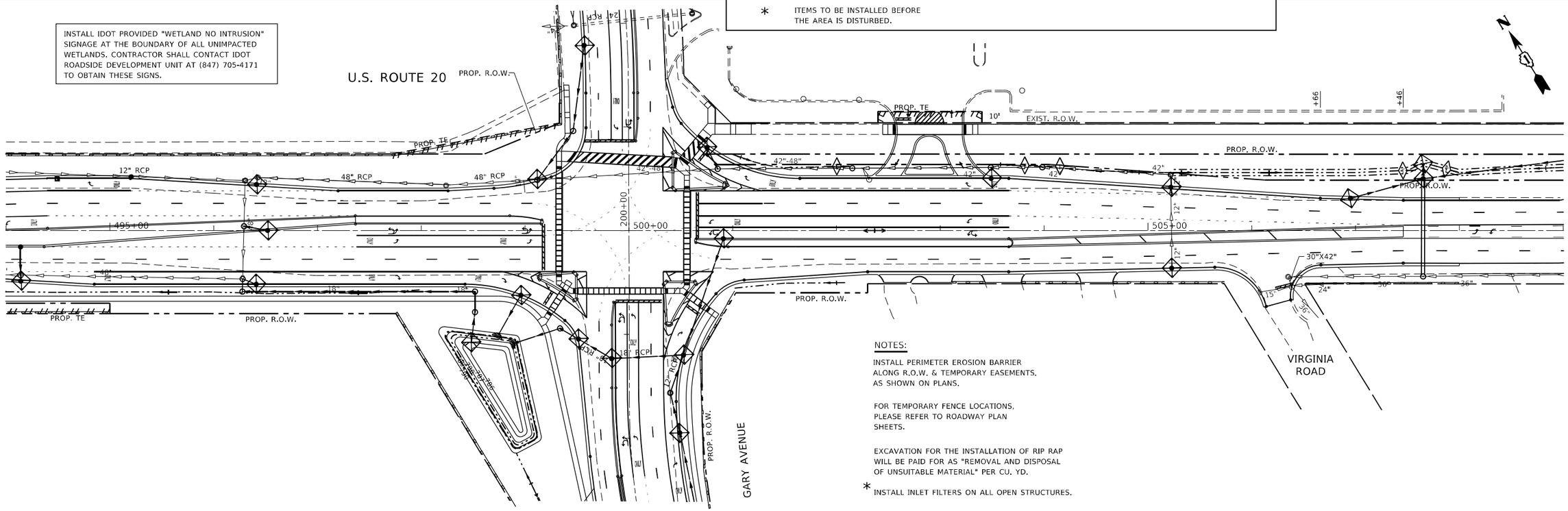
1. ESTABLISH TEMPORARY EROSION CONTROL MEASURES, INSTALL INLET FILTERS, AND ERECT SILT FENCE ALONG SITE BOUNDARIES AS SHOWN ON PLAN PRIOR TO SOIL DISTURBANCE IN CURRENT STAGE OF CONSTRUCTION.
2. INSTALL DITCH CHECKS IMMEDIATELY AFTER DITCH DISTURBANCE STARTS.
3. INSTALL PERMANENT SEEDING BEFORE BEGINNING NEXT CONSTRUCTION STAGE.



EROSION CONTROL LEGEND

- INLET FILTER *
- TEMPORARY DITCH CHECK
- PROP. RIP RAP
- PERIMETER EROSION BARRIER (SILT FENCE, SEE STANDARD 280001)
- * ITEMS TO BE INSTALLED BEFORE THE AREA IS DISTURBED.
- EXIST. R.O.W.
- PROP. R.O.W.
- PROP. TEMPORARY EASEMENT
- MANHOLE
- CATCH BASIN

INSTALL IDOT PROVIDED "WETLAND NO INTRUSION" SIGNAGE AT THE BOUNDARY OF ALL UNIMPACTED WETLANDS. CONTRACTOR SHALL CONTACT IDOT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171 TO OBTAIN THESE SIGNS.



NOTES:

INSTALL PERIMETER EROSION BARRIER ALONG R.O.W. & TEMPORARY EASEMENTS, AS SHOWN ON PLANS.

FOR TEMPORARY FENCE LOCATIONS, PLEASE REFER TO ROADWAY PLAN SHEETS.

EXCAVATION FOR THE INSTALLATION OF RIP RAP WILL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" PER CU. YD.

* INSTALL INLET FILTERS ON ALL OPEN STRUCTURES.

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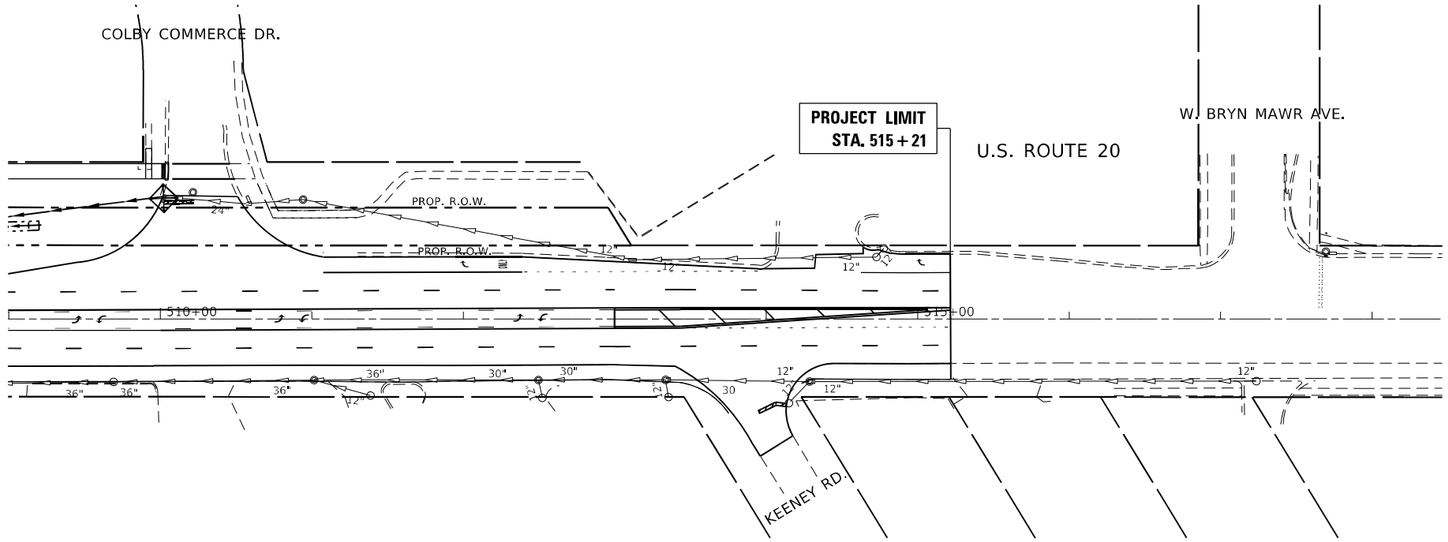
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

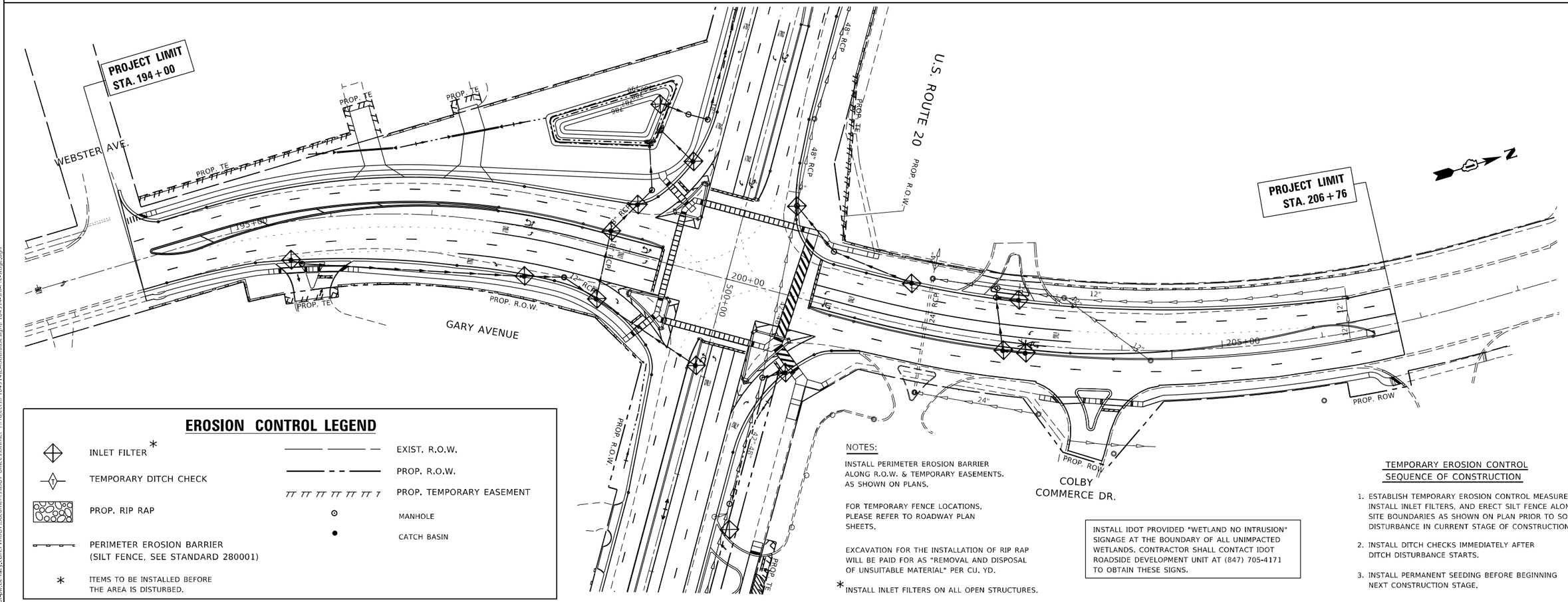
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	52
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



PERIMETER EROSION BARRIER LOCATIONS

LOCATION	OFFSET	FROM STATION	TO STATION
US 20	VAR. 73.1' LT TO 102.8' LT	492+69.6	499+35.4
US 20	49.9' RT	489+50.0	489+63.0
US 20	49.9' RT	489+91.0	490+29.9
US 20	49.9' RT	490+83.0	491+94.7
US 20	79.0' RT	492+60.7	495+02.2
US 20	50.2' RT	503+11.1	503+42.8
US 20	50.2' RT	503+78.4	504+34.9
US 20	50.2' RT	504+66.4	505+73.7
US 20	50.3' RT	506+51.0	508+00.0
GARY AVE.	VAR. 59.0' LT TO 81.3' LT	194+21.0	196+23.4
GARY AVE.	VAR. 76.7' LT TO 100.2' LT	196+52.3	197+14.5
GARY AVE.	VAR. 11.5' LT TO 223.8' LT	197+37.8	199+20.7
GARY AVE.	VAR. 65.3' LT TO 65.7' LT	201+02.2	202+51.5
GARY AVE.	VAR. 61.9' LT TO 57.9' LT	203+15.8	206+76.0
GARY AVE.	VAR. 49.2' RT TO 69.0' RT	194+00.0	195+40.5
GARY AVE.	VAR. 69.0' RT TO 101.8' RT	196+01.7	199+39.7


PROJECT LIMIT
STA. 194+00
WEBSTER AVE.
PROP. TE
PROP. TE
PROP. TE

US 20 AT GARY AVENUE - LANDSCAPE SCHEDULE

SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	SHEET 55	SHEET 56	SHEET 57	TOTAL QTY
SHADE TREES							
ACER X FREEMANII BAILSTON	MATADOR FREEMAN MAPLE	2-1/2" B&B	PER PLAN		6		6
AESCULUS FLAVA	YELLOW SWEET BUCKEYE	2" B&B	PER PLAN		1		1
BETULA NIGRA 'CULLY'	HERITAGE RIVER BIRCH	8' HT	PER PLAN			4	4
CARPINUS CAROLINIANA	AMERICAN HORNBEAM	2" B&B	PER PLAN			5	5
CARYA OVATA	SHAGBARK HICKORY	2" B&B	PER PLAN	3			3
CELTIS OCCIDENTALIS	COMMON HACKBERRY	2" B&B	PER PLAN	3	4		7
CLADRASTIS LUTEA 'PERKINS PINK'	PERKINS PINK AMERICAN YELLOWWOOD	2" B&B	PER PLAN	3			3
FAGUS GRANDIFLORA	AMERICAN BEECH	2" B&B	PER PLAN			1	1
GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	2" B&B	PER PLAN	3	1		4
GLEDITSIA TRIACANTHOS INERMIS 'IMPERIAL'	IMPERIAL THORNLESS HONEYLOCUST	2" B&B	PER PLAN	2			2
GYMNOCLADUS DIOICUS ESPRESSO - JFS	ESPRESSO KENTUCKY COFFEETREE	2-1/2" B&B	PER PLAN	4	6		10
LIRIODENDRON TULIPIFERA	TULIP TREE	2" B&B	PER PLAN		2		2
NYSSA SYLVATICA	BLACK TUPELO	2" B&B	PER PLAN		2		2
QUERCUS BICOLOR	SWAMP WHITE OAK	2" B&B	PER PLAN	2	2		4
QUERCUS IMBRICARIA	SHINKGLE OAK	2" B&B	PER PLAN	3	1		4
QUERCUS MACROCARPA	BUR OAK	2" B&B	PER PLAN	2	1		3
QUERCUS MACROCARPA 'JFS-KW3'	URBAN PINNACLE BUR OAK	2" B&B	PER PLAN		2	3	5
QUERCUS MUEHLENBERGII	CHINKAPIN OAK	2" B&B	PER PLAN	2			2
QUERCUS VELUTINA	BLACK OAK	2" B&B	PER PLAN	3		1	4
TILIA AMERICANA	AMERICAN LINDEN	2" B&B	PER PLAN	2			2
ULMUS AMERICANA 'NEW HARMONY'	NEW HARMONY AMERICAN ELM	2" B&B	PER PLAN	4			4
ORNAMENTAL TREES							
AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	6' HT B&B	PER PLAN			2	2
CERCIS CANADENSIS 'COLUMBUS'	COLUMBUS EASTERN REDBUD	2-1/2" B&B	PER PLAN			4	4
MALUS 'PROFUSION'	PROFUSION CRABAPPLE	2" B&B	PER PLAN			1	1
SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	2" B&B	PER PLAN	2	1		3
EVERGREEN TREES							
ABIES CONCOLOR	WHITE FIR	6' HT B&B	PER PLAN			7	7
PSEUDOTSUGA MENZIESII	DOUGLAS FIR	7' HT B&B	PER PLAN			5	5
SHRUBS							
CEPHALANTHUS OCCIDENTATLIS SMCOSS	SUGAR SHACK BUTTONBUSH	3 GALLON	3' OC			9	9
FOTHERGILLA GARDENII	DWARF FOTHERGILLA	24" B&B	4' OC			7	7
HYDRANGEA QUERCIFOLIA 'BRENHILL'	GATSBY GAL OAKLEAF HYDRANGEA	3 GALLON	4' OC			14	14
HYPERICUM KALMIANUM	KALM ST JOHNSWORT	5 GALLON	3' OC		30		30
ILEX VERTICILLATA 'BERRY POPPINS'	BERRY POPPINS WINTERBERRY	3 GALLON	3' OC			9	9
ILEX VERTICILLATA 'MR POPPINS'	MR POPPINS WINTERBERRY	3 GALLON	3' OC			3	3
LINDERA BENZOIN	SPICEBUSH	5 GALLON	5' OC			3	3
PERENNIAL PLANTS, PRAIRIE TYPE							
ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED	QUART	24" OC			30	30
DODECATHEON MEADIA	SHOOTING STAR	QUART	12" OC			80	80
ERYNGIUM YUCCIFOLIUM	RATTLESNAKE MASTER	QUART	24" OC			30	30
GEUM TRIFLORUM	PRAIRIE SMOKE	QUART	18" OC			50	50
LIATRIS ASPERA	ROUGH BLAZING STAR	QUART	18" OC			50	50
MERTENSIA VIRGINICA	VIRGINIA BLUEBELLS	QUART	24" OC			15	15
SISYRINCHIUM ANGUSTIFOLIUM	BLUE-EYED GRASS	QUART	12" OC			30	30
SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	QUART	36" OC			30	30
SYMPHYOTRICHUM OOLENTANGIENSE	SKY-BLUE ASTER	QUART	24" OC			30	30
						UNITS	3.5
PERENNIAL PLANTS, WETLAND PLUGS							
ASCLEPIAS INCARNATA	SWAMP MILKWEED	PLUG	36" OC			76	76
CAREX VULPINOIDEA	BROWN FOX SEDGE	PLUG	18" OC			38	38
IRIS VIRGINICA VAR. SHREVERI	BLUEFLAG IRIS	PLUG	12" OC			76	76
JUNCUS DUDLEYI	DUDLEY RUSH	PLUG	18" OC			38	38
LIATRIS SPICATA	MARSH BLAZING STAR	PLUG	18" OC			76	76
LOBELIA CARDINALIS	CARDINAL FLOWER	PLUG	24" OC			76	76
LOBELIA SIPHILITICA	GREAT BLUE LOBELIA	PLUG	18" OC			38	38
PELTANDIA VIRGINICA	ARROW ARUM	PLUG	36" OC			38	38
PHYSOSTEGIA VIRGINIANA	OBEDIENT PLANT	PLUG	36" OC			38	38
PONTEDERIA CORDATA	PICKEREL WEED	PLUG	24" OC			76	76
SAGITTARIA LATIFOLIA	COMMON ARROWHEAD	PLUG	24" OC			38	38
						UNITS	6.08
PERENNIAL PLANTS, BULB TYPE							
NARCISSUS JETFIRE	JETFIRE DAFFODIL	TOP SIZE	PLANT BULBS TWO TIMES AS DEEP AS THE BULB'S HEIGHT			200	200
NARCISSUS PIPIT	PIPIT DAFFODIL	TOP SIZE				150	150
NARCISSUS PROTOTYPE	PROTOTYPE DAFFODIL	TOP SIZE				150	150
NARCISSUS TETE A TETE	TETE A TETE DAFFOFIL	TOP SIZE				200	200
TULIPA KAUFMANNIANA 'SHOWWINNER'	SHOWWINNER TULIP	TOP SIZE				200	200
						UNITS	9.00

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/13/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE SCHEDULE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	54
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

TURNBERRY DR.

U.S. ROUTE 20

SKYLAR DR.

PROJECT LIMIT STA. 489+50

1 NEW HARMONY AMERICAN ELM

2' WIDE MOW STRIP

5' WIDE MOW STRIP

3 SHINGLE OAK (40' OC)

2 NEW HARMONY AMERICAN ELM (40' OC)

EXIST. R.O.W.

480+00

485+00

490+00

EXIST. R.O.W.
12" CRP

PROP. R.O.W.

PROP. TE

CLOVERDALE RD.

THORN RD.

SEEDING LEGEND

- SEEDING, CLASS 4B (MODIFIED)
  EROSION CONTROL BLANKET (SPECIAL)
- SODDING, SALT TOLERANT
- SEEDING CLASS 4A (MODIFIED)
  SEEDING, CLASS 5 (MODIFIED)
  EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 2A
  NITROGEN FERTILIZER
  POTASSIUM FERTILIZER
  EROSION CONTROL BLANKET (SPECIAL)

1 BLACK OAK

1 IMPERIAL THORNLESS HONEY LOCUST (40' OC)

1 NEW HARMONY AMERICAN ELM (40' OC)

1 COMMON HACKBERRY (40' OC)

2 BLACK OAK (40' OC)

5' WIDE MOW STRIP

3 PERKINS PINK YELLOWWOOD (40' OC)

2 SWAMP WHITE OAK (40' OC)

2' WIDE MOW STIP

1 IMPERIAL THORNLESS HONEY LOCUST (40' OC)

2 ESPRESSO KENTUCKY COFFEE TREE (40' OC)

U.S. ROUTE 20

PROP. R.O.W.

EXIST. R.O.W.

PROP. TE

48" RCP

105+00

PROP. TE

PROP. R.O.W.

10' WIDE MOW STRIP

2 CHINKAPIN OAK (40' OC)

200+00

500+00

3 AUTUMN GOLD GINKGO (50' OC)

2 ESPRESSO KENTUCKY COFFEE TREE (60' OC)

1 BUR OAK (60' OC)

3 SHAGBARK HICKORY (60' OC)

2 COMMON HACKBERRY (60' OC)

1 BUR OAK (60' OC)

PROP. TE

10'

EXIST. R.O.W.

PROP. R.O.W.

505+00

30"X42"

18"X24"

PROP. R.O.W.

18" RCP

12" RCP

2 IVORY SILK JAPANESE TREE LILAC (50' OC)

10' WIDE MOW STRIP

GARY AVENUE

2 AMERICA LINDEN (50' OC)

VIRGINIA ROAD

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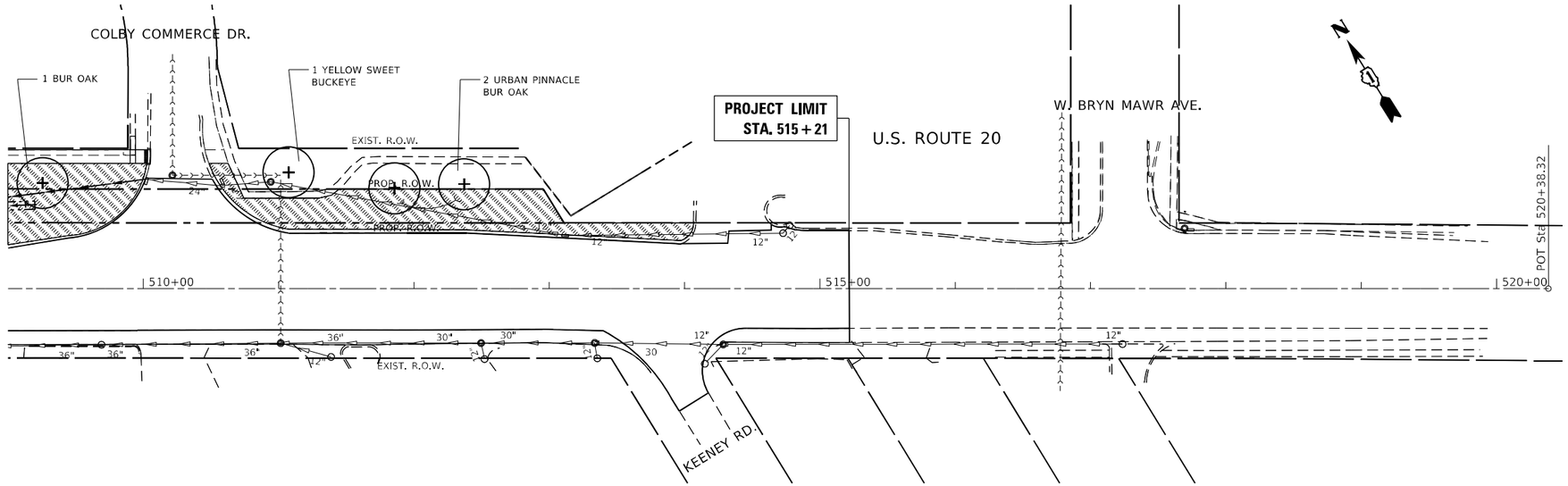
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

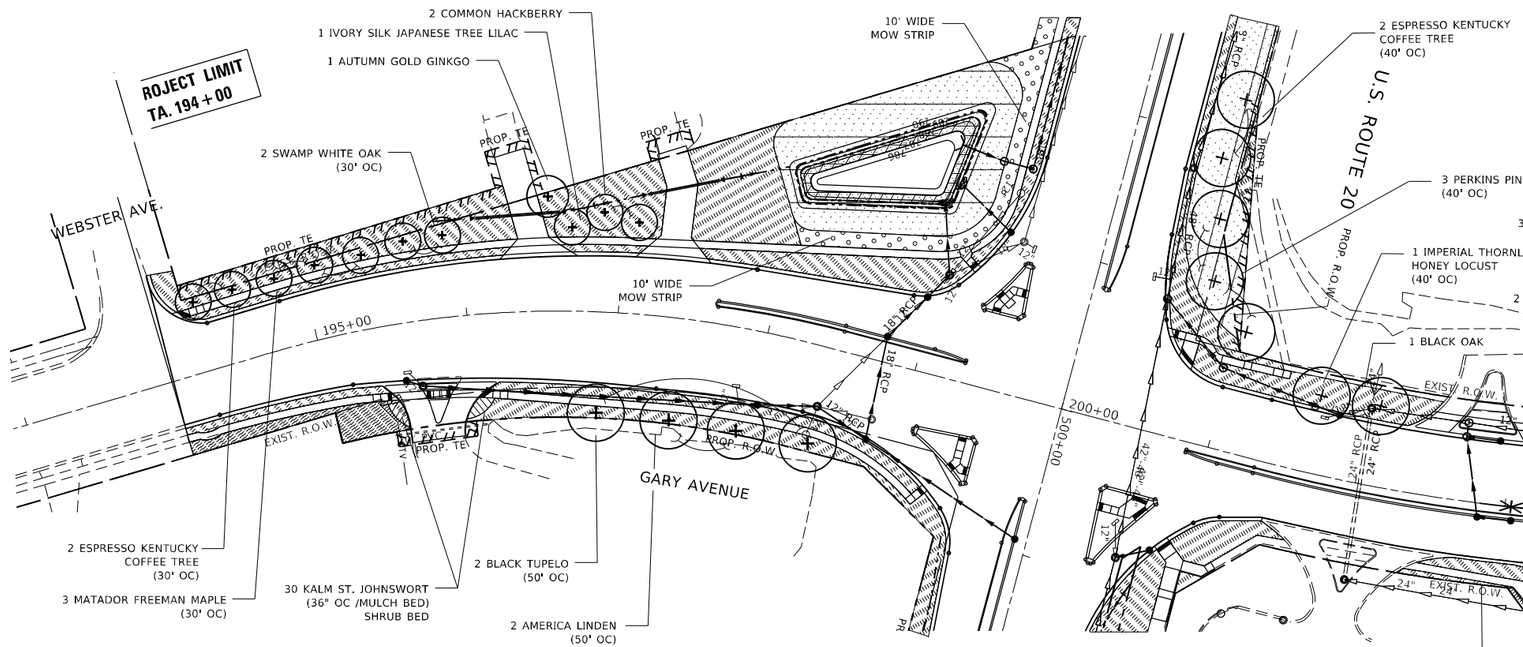
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

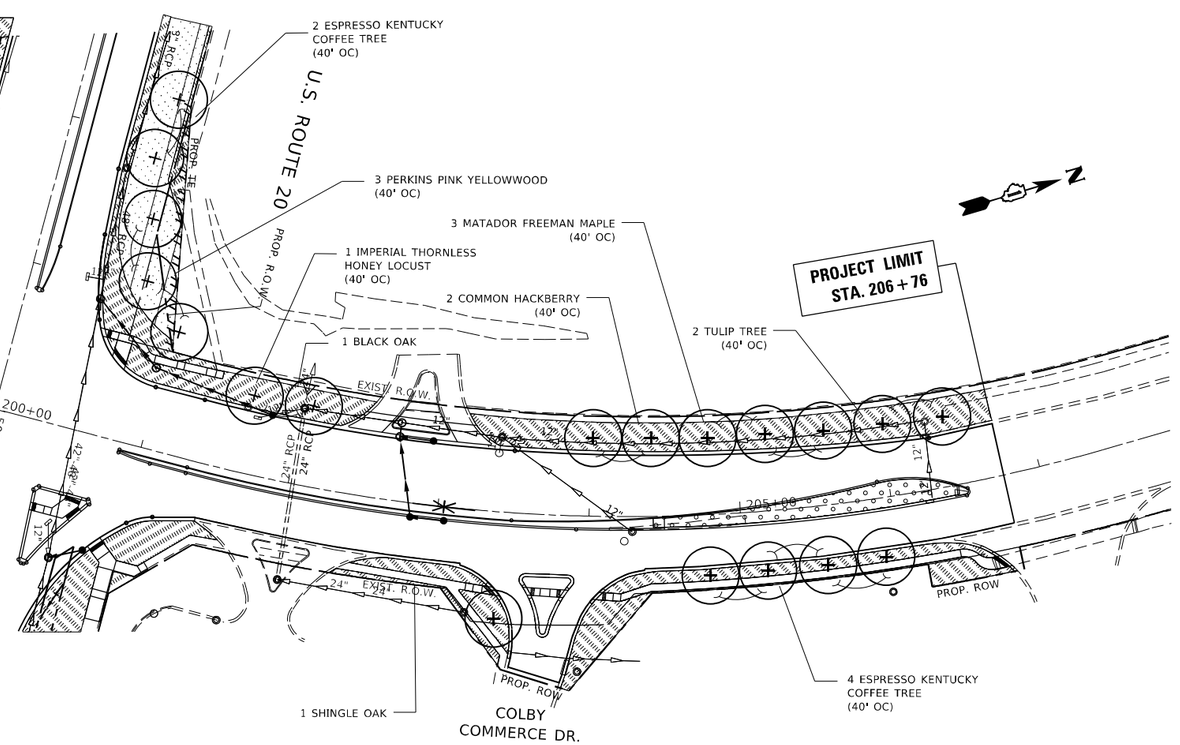
LANDSCAPING PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	55
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		







SEEDING LEGEND

- SEEDING, CLASS 4B (MODIFIED)
  EROSION CONTROL BLANKET (SPECIAL)
- SODDING, SALT TOLERANT
- SEEDING CLASS 4A (MODIFIED)
  SEEDING, CLASS 5 (MODIFIED)
  EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 2A
  NITROGEN FERTILIZER
  POTASSIUM FERTILIZER
  EROSION CONTROL BLANKET (SPECIAL)

USER NAME = Rana,Kalo	DESIGNED -	REVISED -
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PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	56
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	

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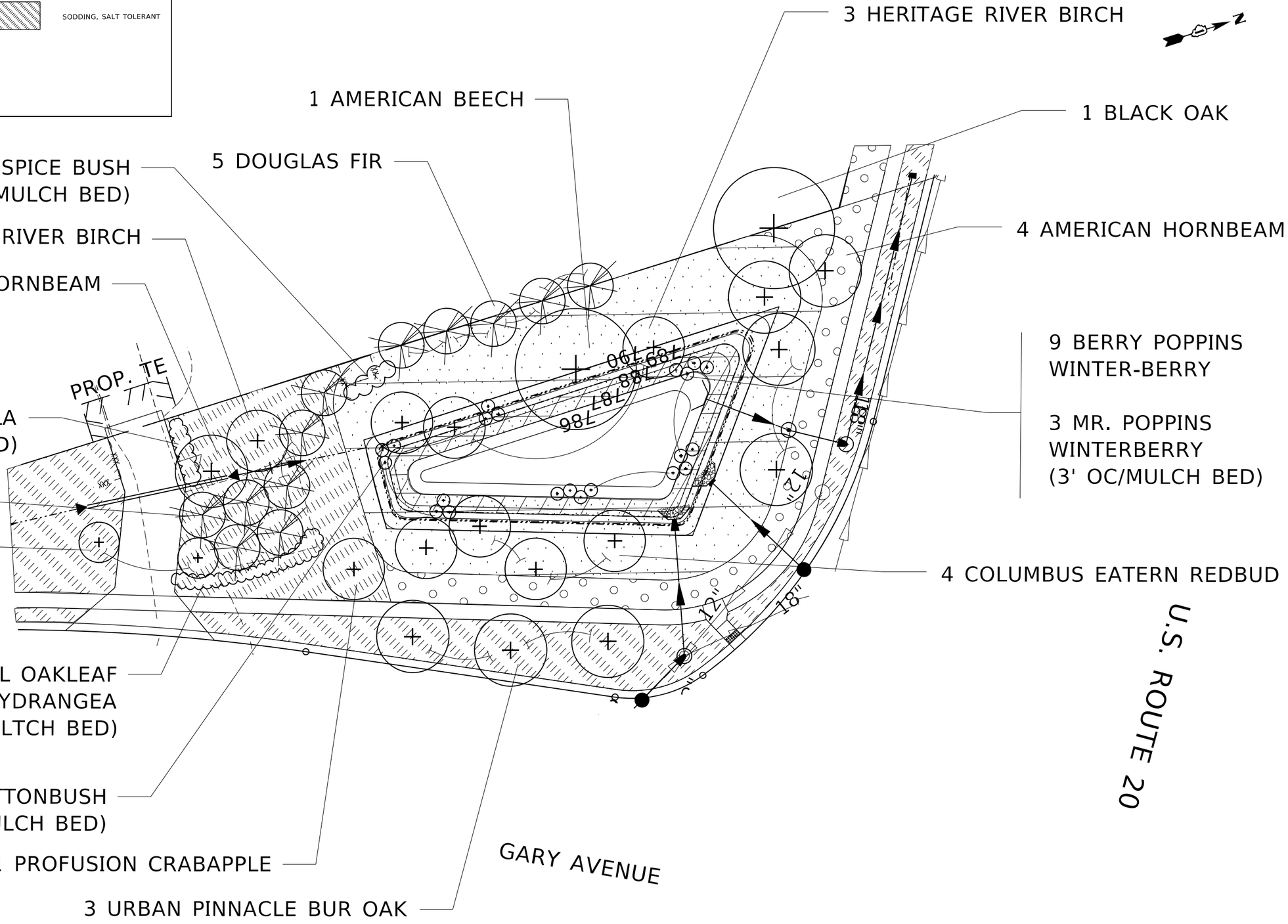
SEEDING LEGEND

- SEEDING, CLASS 4B (MODIFIED)
  EROSION CONTROL BLANKET (SPECIAL)
- SODDING, SALT TOLERANT
- SEEDING CLASS 4A (MODIFIED)
  SEEDING, CLASS 5 (MODIFIED)
  EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 2A
  NITROGEN FERTILIZER
  POTASSIUM FERTILIZER
  EROSION CONTROL BLANKET (SPECIAL)



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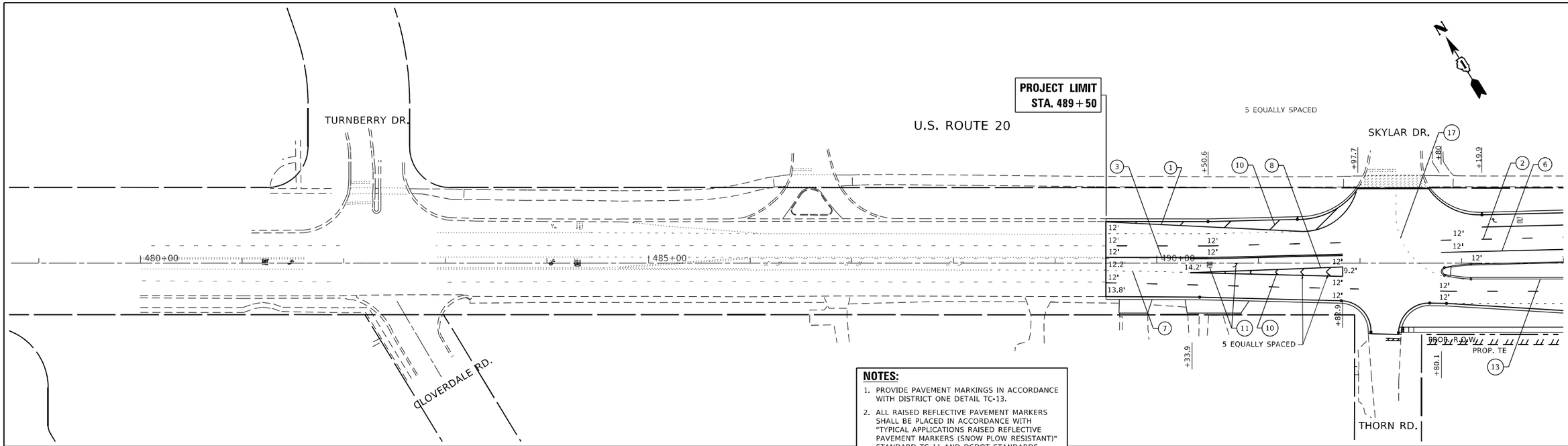
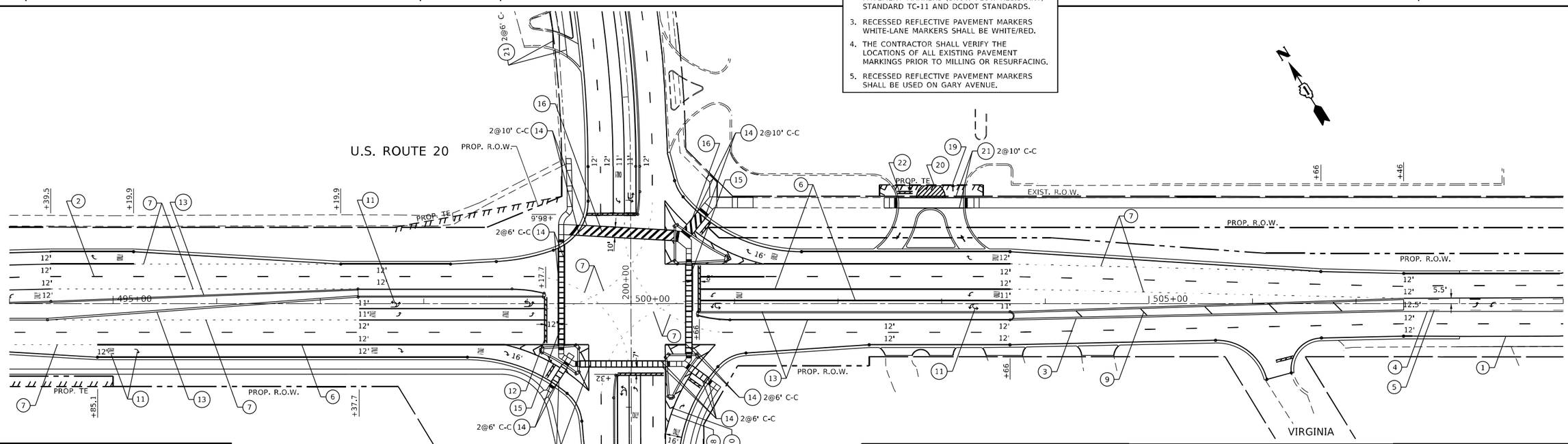
USER NAME = Rana,Kalo	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

RETENTION / DETENTION POND PLANTING
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	57
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			





NOTES:

1. PROVIDE PAVEMENT MARKINGS IN ACCORDANCE WITH DISTRICT ONE DETAIL TC-13.
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)" STANDARD TC-11 AND DCDOT STANDARDS.
3. RECESSED REFLECTIVE PAVEMENT MARKERS WHITE-LANE MARKERS SHALL BE WHITE/RED.
4. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.
5. RECESSED REFLECTIVE PAVEMENT MARKERS SHALL BE USED ON GARY AVENUE.

PAVEMENT MARKING LEGEND

1. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" WHITE EDGE LINE (TYP.)
2. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
4. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW TWLT LANE LINE (TYP.)
5. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW TWLT LANE LINE, 10' DASH - 30' SKIP (TYP.)
6. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" WHITE TURN LANE LINE (TYP.)
7. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" WHITE DOTTED TURN LANE LINE, 2' DASH - 6' SKIP (TYP.)
8. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.)
9. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 45 DEGREE, FIVE EQUALLY SPACED LINES (TYP.)
10. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 45 DEGREE (TYP.)
11. PROPOSED THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
12. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
13. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW EDGE LINE (TYP.)
14. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE (TYP.)
15. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.)
16. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL BAR, SPACED 3' C-C (TYP.)
17. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW DOTTED TURN LANE LINE, 2' DASH - 6' SKIP
18. PROPOSED THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID YELLOW
19. PROPOSED MODIFIED URETHANE PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID YELLOW
20. PROPOSED MODIFIED URETHANE PAVEMENT MARKING, 4" SOLID YELLOW LINE.
21. PROPOSED MODIFIED URETHANE PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE. (TYP.)
22. PROPOSED MODIFIED URETHANE PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)

USER NAME = Rana,Kalo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	58
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

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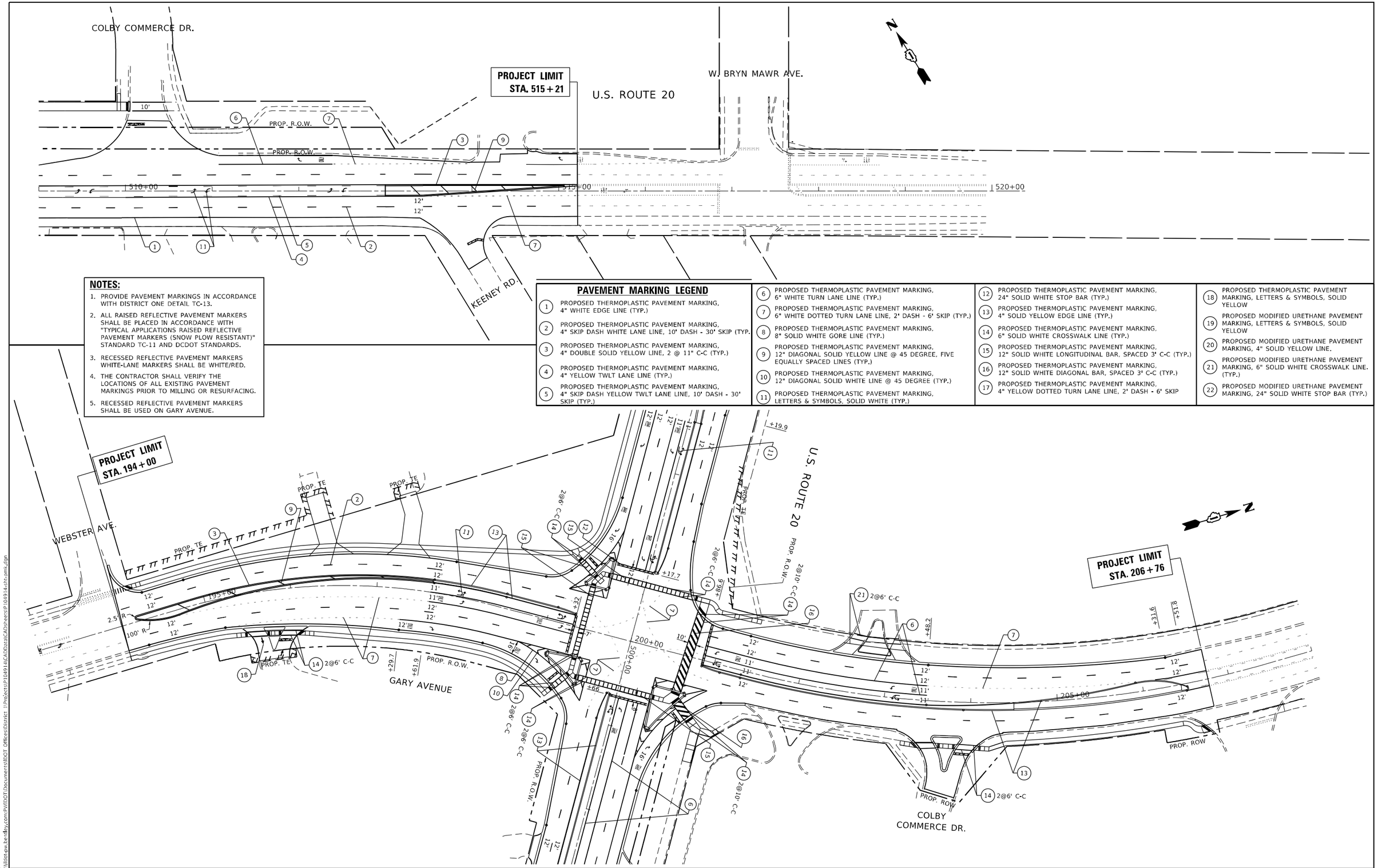

NOTES:

1. PROVIDE PAVEMENT MARKINGS IN ACCORDANCE WITH DISTRICT ONE DETAIL TC-13.
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)" STANDARD TC-11 AND DCDOT STANDARDS.
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PAVEMENT MARKING LEGEND

1. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" WHITE EDGE LINE (TYP.)
2. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.
3. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
4. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW TWLT LANE LINE (TYP.)
5. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW TWLT LANE LINE, 10' DASH - 30' SKIP (TYP.)
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7. PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" WHITE DOTTED TURN LANE LINE, 2' DASH - 6' SKIP (TYP.)
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	59
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

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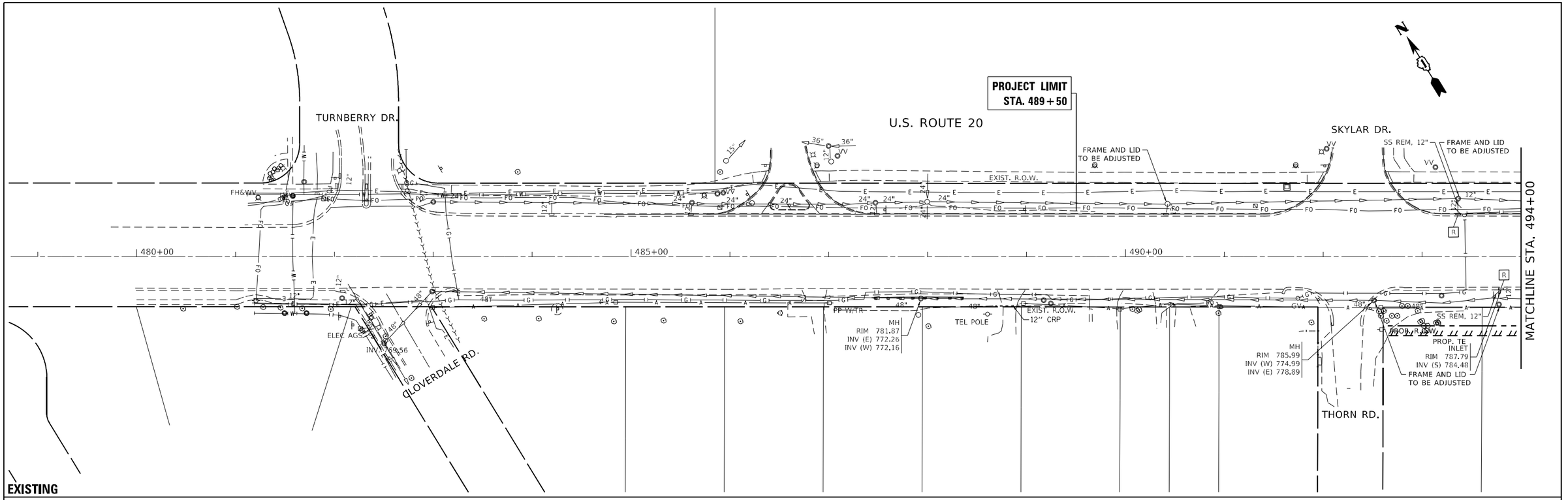

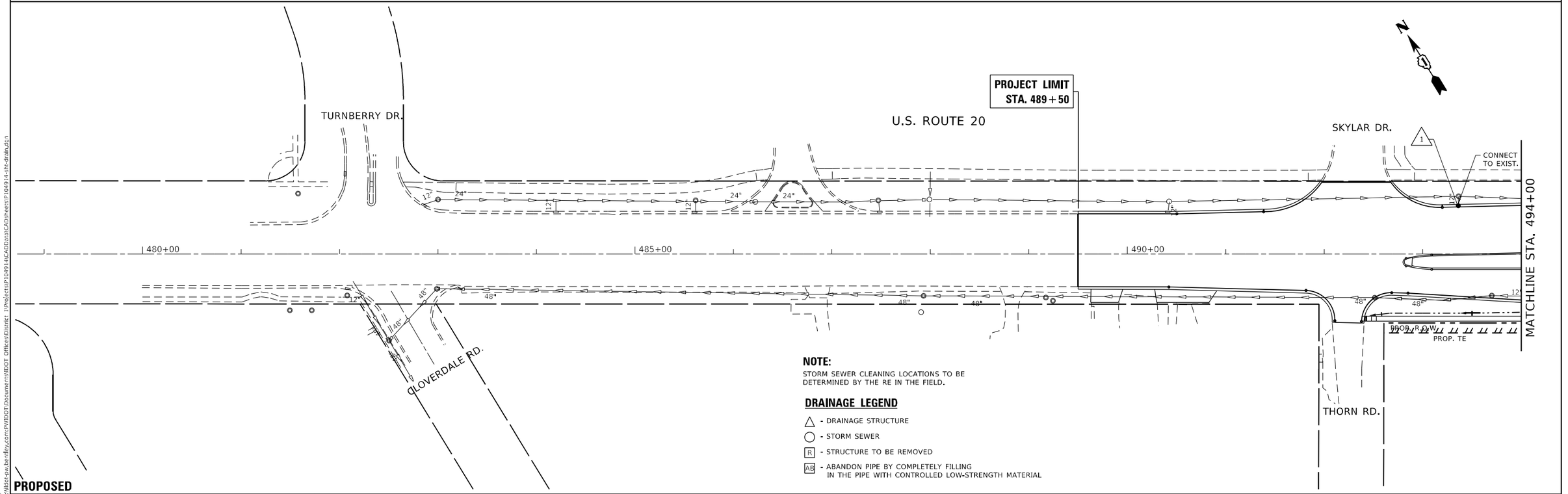

NOTE:
STORM SEWER CLEANING LOCATIONS TO BE DETERMINED BY THE RE IN THE FIELD.

DRAINAGE LEGEND

△ - DRAINAGE STRUCTURE
○ - STORM SEWER
R - STRUCTURE TO BE REMOVED
AB - ABANDON PIPE BY COMPLETELY FILLING IN THE PIPE WITH CONTROLLED LOW-STRENGTH MATERIAL

USER NAME = Rana,Kalo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	60
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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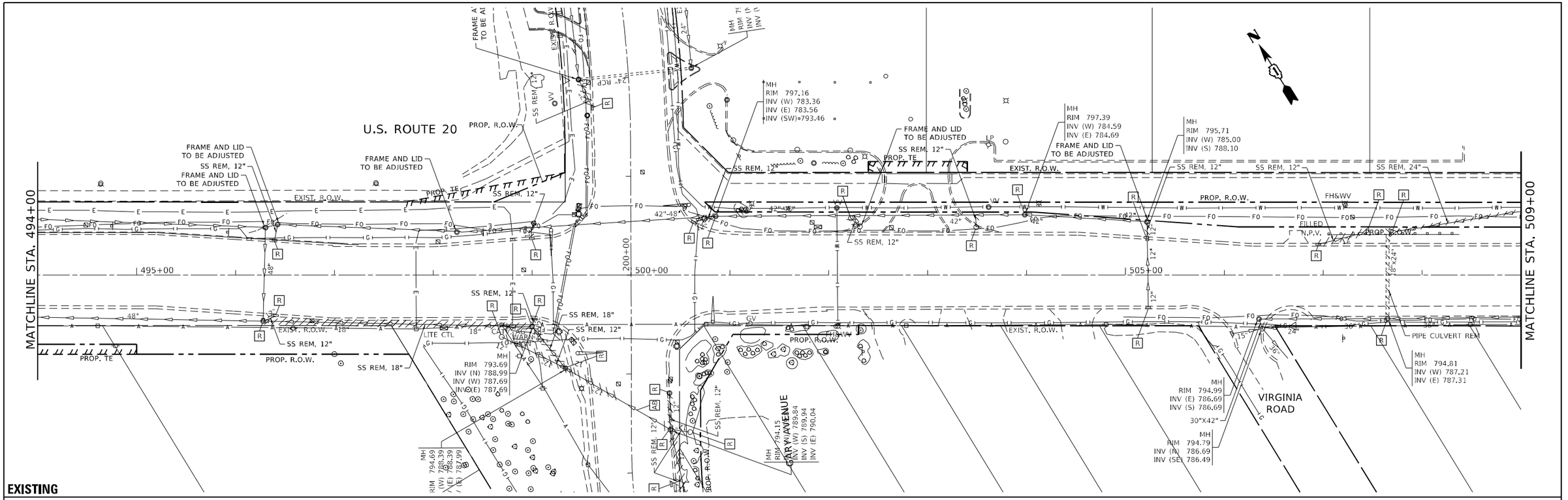

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

DRAINAGE PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	61
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

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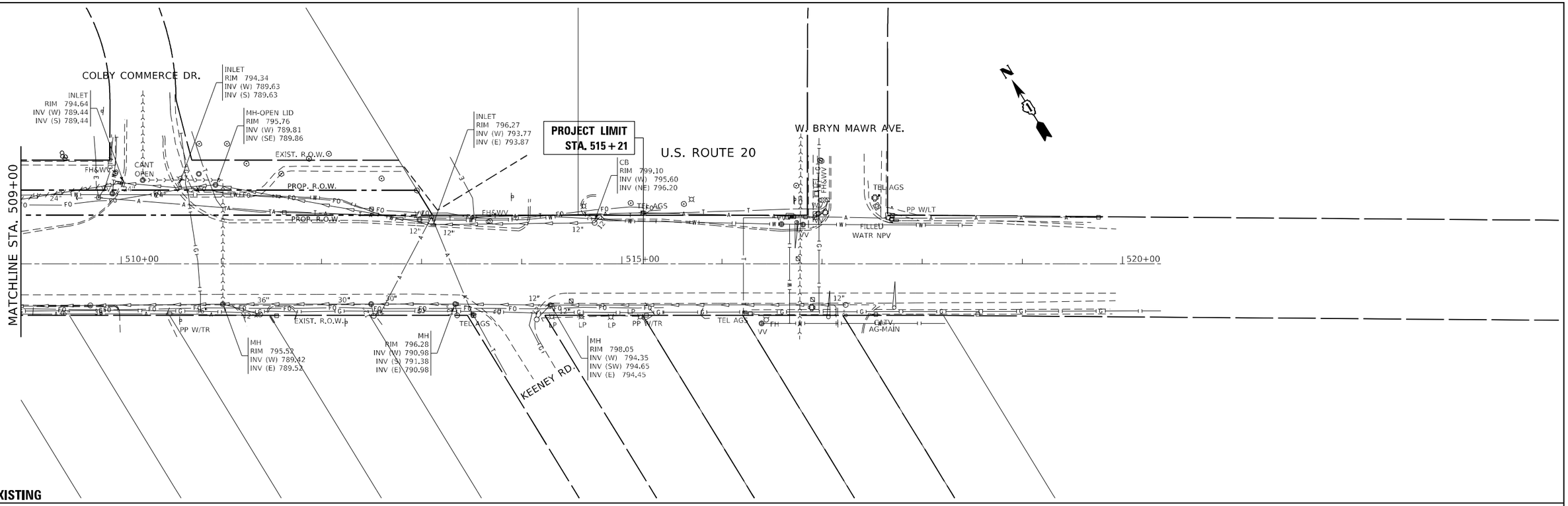

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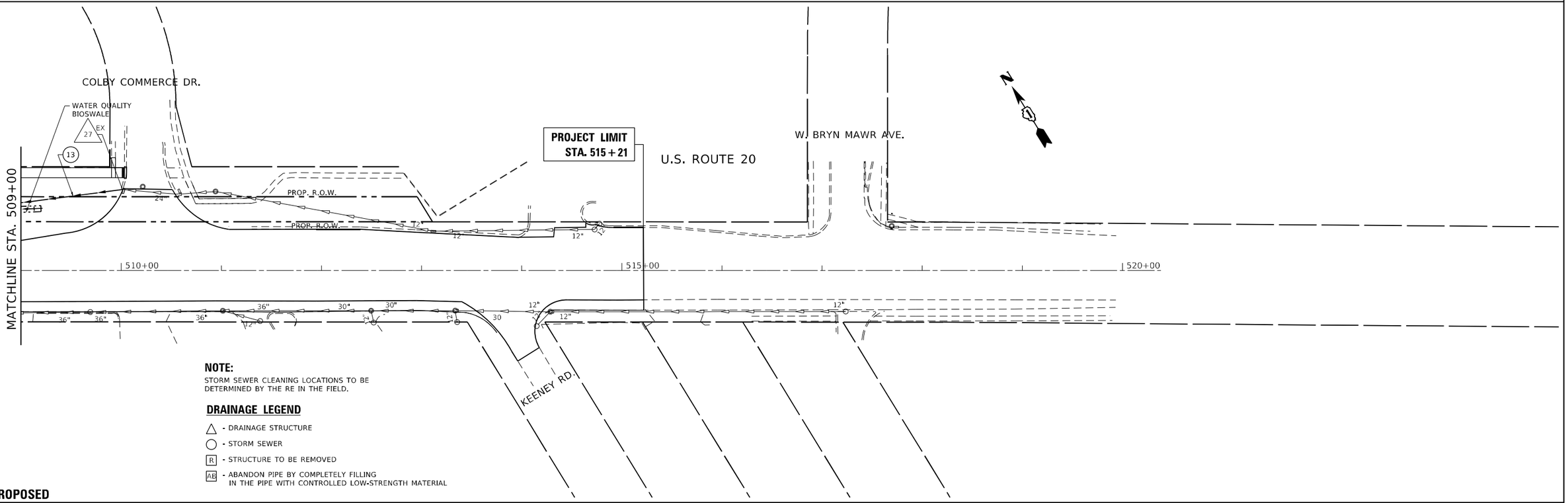

NOTE:
STORM SEWER CLEANING LOCATIONS TO BE DETERMINED BY THE RE IN THE FIELD.

DRAINAGE LEGEND

- △ - DRAINAGE STRUCTURE
- ◯ - STORM SEWER
- R - STRUCTURE TO BE REMOVED
- AB - ABANDON PIPE BY COMPLETELY FILLING IN THE PIPE WITH CONTROLLED LOW-STRENGTH MATERIAL

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USER NAME = Rana,Kalo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	62
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

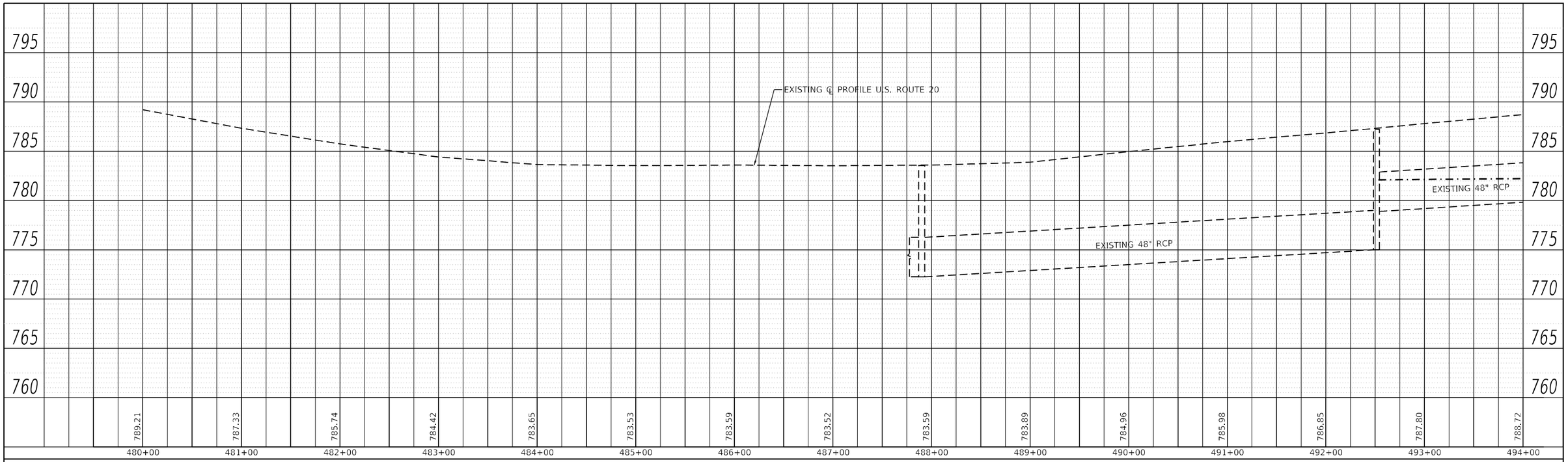
PLAN

SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME

NOTE BOOK
NO.

BY

DATE



PROFILE

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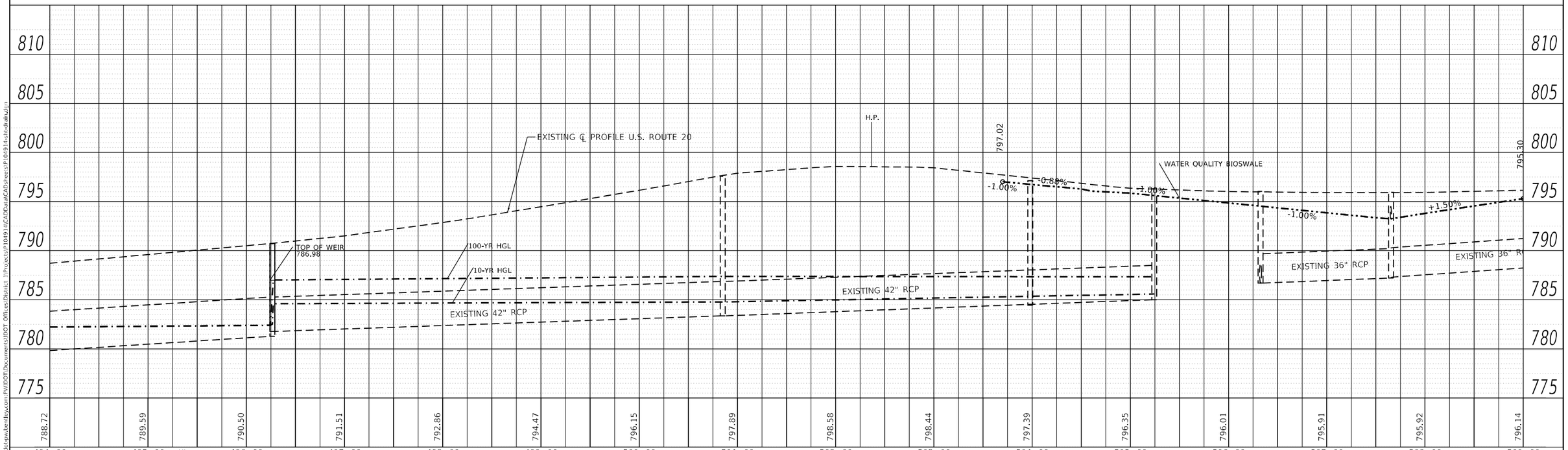
PLOTTED
ALIGNMENT CHECKED
R.O.W. MOTED
STRUCTURE NO(S).

NOTE BOOK
NO.

BY

DATE



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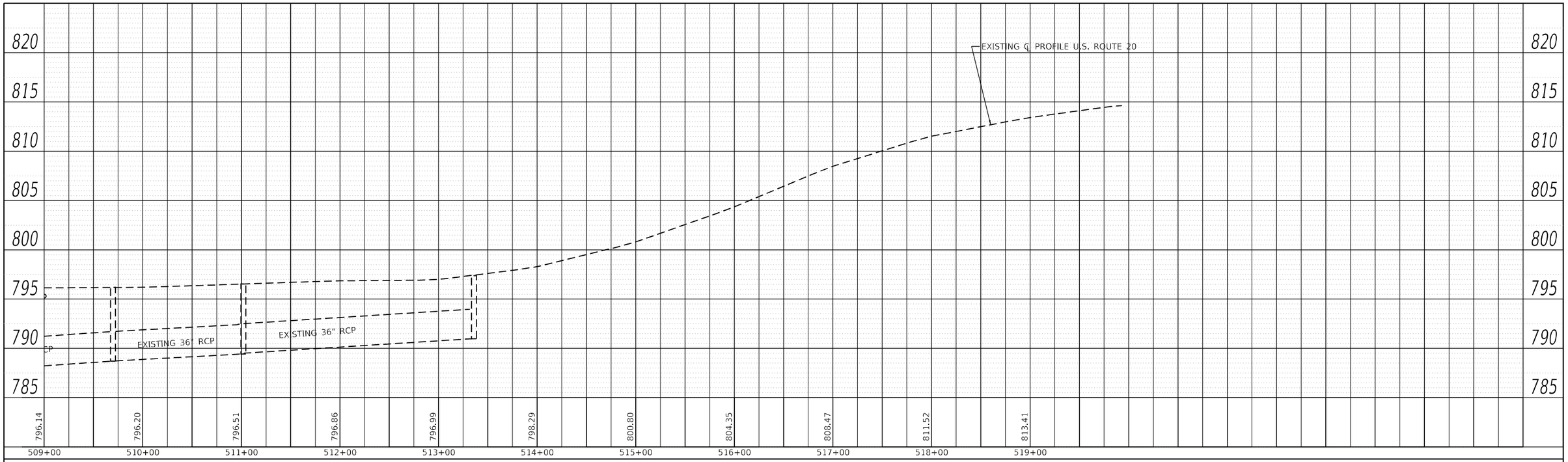
USER NAME = Rana,Kalo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	63
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	



PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADE CHECKED
DRA. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.

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USER NAME = Rana,Kalo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	64
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

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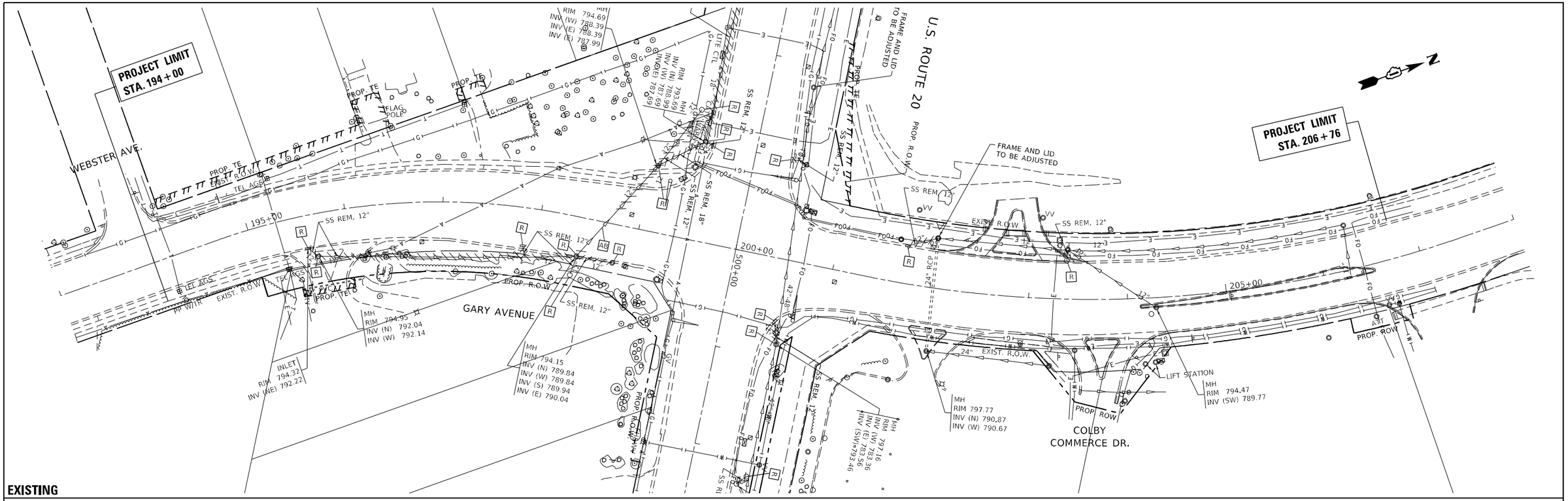

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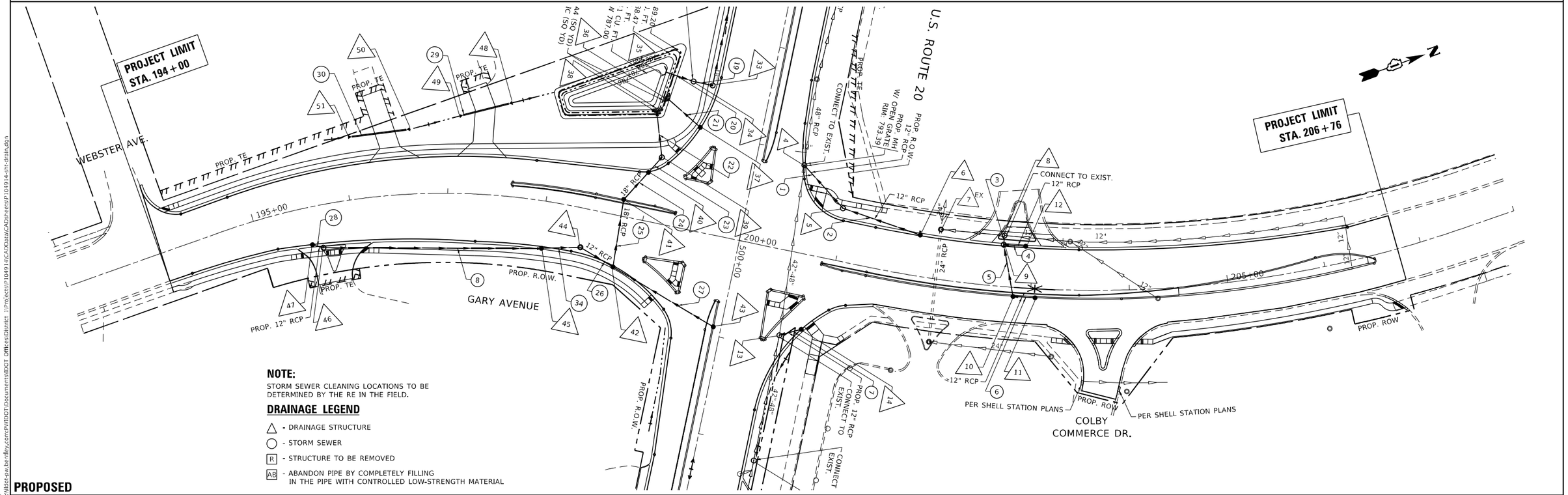

NOTE:
STORM SEWER CLEANING LOCATIONS TO BE DETERMINED BY THE RE IN THE FIELD.

DRAINAGE LEGEND

△ - DRAINAGE STRUCTURE
○ - STORM SEWER
R - STRUCTURE TO BE REMOVED
AB - ABANDON PIPE BY COMPLETELY FILLING IN THE PIPE WITH CONTROLLED LOW-STRENGTH MATERIAL

USER NAME = Rana,Kalo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	65
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

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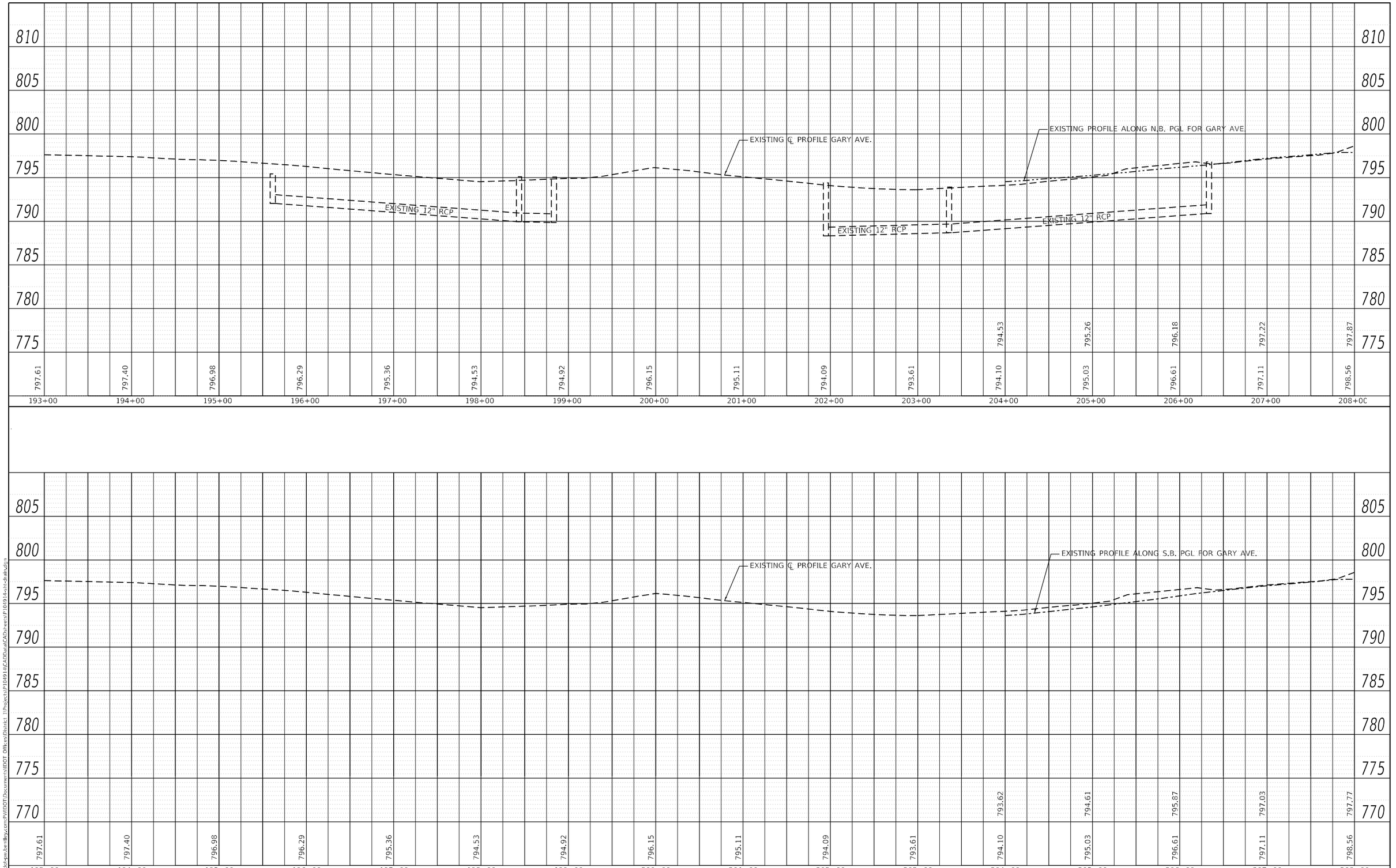

PLAN
SURVEYED
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NOTE BOOK
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PROFILE
SURVEYED
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NOTE BOOK
NO.

BY
DATE

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\P101491\CADData\CADSheets\P101914-sht-draft.dgn

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	66
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURES

ST- 1
2' DIA. CATCH BASIN TYPE C
W/ TYPE 24 FRAME AND GRATE
STA. 493+36.13, 47.9' LT
RIM 787.05
INV. 783.84

ST- 2
2' DIA. CATCH BASIN TYPE C
W/ TYPE 24 FRAME AND GRATE
STA. 494+14.02, 42.83' RT
RIM 787.75
INV. (NE) 781.62

ST- 3
2' DIA. CATCH BASIN TYPE C
W/ TYPE 24 FRAME AND GRATE
STA. 496+41.32, 44.45' LT
RIM 790.30
CONNECT TO EXISTING SEWER

ST- 4
6' DIA. MANHOLE TYPE A
W/ TYPE 24 FRAME AND GRATE
STA. 499+11.75, 48.93' LT
RIM 793.39
INV. (NW) 782.83 (APROX.)
INV. (SE) 782.84 (APROX.)
INV. (NE) 788.78
CONSTRUCT MANHOLE OVER
EXISTING SEWER

ST- 5
4' DIA. MANHOLE TYPE A
W/ TYPE 1 FRAME, CLOSED LID
STA. 200+96.75, 54.87' LT
RIM 793.29
INV (W) 789.04
INV (NE) 789.05

ST- 6
2' DIA. CATCH BASIN TYPE C
W/ TYPE 24 FRAME AND GRATE
STA. 201+80.43, 41.63' LT
RIM 792.77
INV. 789.40

ST- 7 (EXISTING)
MANHOLE
STA. 202+01.10, 50.43'LT
RIM 792.57
INV. (N) 788.37
INV (E) 788.37
INV. (S) 789.17
INV. (W) 788.17

ST- 8
4' DIA. MANHOLE TYPE A
W/ TYPE 1 FRAME, CLOSED LID
STA. 202+69.23, 51.75' LT
RIM 792.58
INV. (NE) 788.52 (APROX.)
INV. (SW) 788.52 (APROX.)
INV. (SE) 788.56
CONSTRUCT MANHOLE OVER
EXISTING SEWER

ST- 9
4' DIA. MANHOLE TYPE A
W/ TYPE 1 FRAME, OPEN LID
STA. 202+69.16, 41.00' LT
RIM 792.14
INV. (NE) 788.63
INV. (NW) 788.61
INV. (E) 788.64

ST- 10
4' DIA. CATCH BASIN TYPE A
W/ TYPE 11 FRAME AND GRATE
STA. 202+82.6, 9.0' RT
RIM 794.01
INV. (NE) 789.21
INV. (W) 789.13

ST- 11
2' DIA. CATCH BASIN TYPE C
W/ TYPE 11 FRAME AND GRATE
STA. 203+04, 9.0' RT
RIM 794.04
INV. (SE) 789.34

ST- 12
2' DIA. CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
STA. 202+92.1, 41.0' LT
RIM 792.00
INV. (SW) 788.78

ST- 13
7' DIA MANHOLE TYPE A
W/ TYPE I FRAME, CLOSED LID
STA. 500+85.5, 59.56' LT
RIM 797.16 (EX.), 796.82 (PROP.)
INV. (NW) 783.36 (CONNECT TO EX.)
INV. (SE) 783.56 (CONNECT TO EX.)
INV. (N) 790.00 (PROP.)

ST- 14
2' DIA. CATCH BASIN TYPE C
W/ TYPE 24 FRAME AND GRATE
STA. 500+75.2, 79.96' LT
RIM 796.51
INV. (S) 790.11

ST- 15
7' DIA. MANHOLE TYPE A
W/ TYPE 8 GRATE
STA. 502+15.04, 60.22' LT
RIM 796.66
INV. (E) 790.94
INV. (NW) (CONNECT TO EX.)
INV. (SE) (CONNECT TO EX.)
CONSTRUCT MANHOLE OVER
EXISTING SEWER

ST- 16
2' DIA. CATCH BASIN TYPE C
W/ TYPE 11V FRAME AND GRATE
STA. 494+14.02, 15.64' RT
RIM 788.53
INV. (SW) 781.83

ST- 17
6' DIA. MANHOLE TYPE A
W/ TYPE 1 FRAME, CLOSED LID
STA. 503+48.98, 60.89' LT
RIM 795.42
INV. (NW) 784.42 (CONNECT TO EX.)
INV. (SE) 784.44 (CONNECT TO EX.)
INV. (SW) 790.80
CONSTRUCT MANHOLE OVER
EXISTING SEWER

ST- 18
6' DIA MANHOLE TYPE A
W/ TYPE 8 GRATE
STA. 503+98.25, 61.14' LT
RIM (PROP.) 795.26
INV. (NW) 784.59 (CONNECT TO EX.)
INV. (SE) 784.69 (CONNECT TO EX.)
INV. (NE) 790.67 (PROP.)

ST- 19
2' DIA. CATCH BASIN TYPE C
W/ TYPE 24 FRAME AND GRATE
STA. 503+48.98, 50.41' LT
RIM 797.03
INV. (NE) 790.86

ST- 20
4' DIA. CATCH BASIN TYPE A
W/ TYPE 24 FRAME AND GRATE
STA. 505+22.05, 40.42' LT
RIM 795.88
INV. (NE) 788.20 (APROX.) (CONNECT
TO EX.)
INV. (SW) EXTEND EX SS USING
SAME EX. SLOPE

ST- 21
2' DIA. CATCH BASIN TYPE C
W/ TYPE 24 FRAME AND GRATE
STA. 505+22.90, 36.14' RT
RIM 795.29
INV. (NE) EXTEND EX SS USING
SAME EX. SLOPE

ST- 22
2' DIA. CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
STA. 506+95.03, 30.32' LT
RIM 795.66
INV.(E) 789.04

ST- 23
6' DIA. MANHOLE TYPE A
W/ TYPE 1 FRAME, CLOSED LID
STA. 507+65.22, 44.05' RT
RIM 794.81
INV. (NW) 787.21 CONNECT TO EXISTING
INV. (SE) 787.31 CONNECT TO EXISTING
INV. (NE) 787.87

ST- 24
5' DIA. CATCH BASIN TYPE A
W/ TYPE 8 GRATE
STA. 507+65.12, 56.86' LT
RIM 792.58
INV. (W), (SW) & (SE) 788.34

ST- 25
15" PRECAST REINFORCED CONCRETE
FLARED END SECTION
STA. 507+65.12, 53.11' LT
INV. 793.25

ST- 26
15" PRECAST REINFORCED CONCRETE
FLARED END SECTION
STA. 507+65.12, 64.48 LT
INV. 793.38

ST- 27 (EXISTING)
INLET
STA. 510+02.45, 79.52' LT
RIM (EX.) 794.64
INV. (W) 789.44 (EX.)
INV. (S) 789.44 (EX.)

ST- 28
6' DIA. MANHOLE TYPE A
W/TYPE 1 FRAME, CLOSED LID
STA. 496+29.29, 4.26' LT
RIM 791.13
INV. (SE) 781.48
INV. (NE) (CONNECT TO EX.)
INV. (SW) (CONNECT TO EX.)
CONSTRUCT MANHOLE OVER
EXISTING SEWER

ST- 29
2' DIA. CATCH BASIN TYPE C
W/ TYPE 24 FRAME AND GRATE
STA. 496+41.09, 51.59' RT
RIM 789.85
INV. (NW) 782.07

ST- 30
8' DIA MANHOLE TYPE A
W/ TYPE 1 FRAME, CLOSED LID
STA. 496+27.96, 46.48' RT
RIM (EX.) 790.96, RIM (PROP.) 789.88
INV. (NE) 780.76 (CONNECT TO EX.)
INV. (NW) 780.66 (CONNECT TO EX.)
INV. (SW) 781.36 (PROP.)
INV. (SE) 781.96 (PROP.)

ST- 31
4' DIA. MANHOLE TYPE A
W/ TYPE 1 FRAME, CLOSED LID
STA. 496+27.96, 58.68' RT
RIM 789.99
INV. (NE) 781.45
INV. (SE) 781.46

ST- 32
2' DIA. CATCH BASIN TYPE C
W/ TYPE 11V FRAME AND GRATE
STA. 496+51.88, 0.0' OFFSET
RIM 790.91
INV. (NW) 781.68

ST- 33
4' DIA. MANHOLE TYPE A
W/ TYPE 1 FRAME, CLOSED LID
STA. 498+51.76, 58.68' RT
RIM 793.10
INV. (NW) 786.70
INV. (SW) 786.73

ST- 34
6' DIA MANHOLE TYPE A
CONTROL MANHOLE (PLEASE REFER TO DETAILS)
W/ 2 TYPE 1 FRAME, CLOSED LID
STA. 498+51.76, 78.47' RT
RIM 792.50
WEIR (INPUT) 788.53
10" ORFICE INV 787.00

ST- 35
18" PRECAST REINFORCED CONCRETE
FLARED END SECTION
STA. 498+48.28, 107.87' RT
TOP OF GROUND 792.86
INV. 787.00

ST- 36
12" PRECAST REINFORCED CONCRETE
FLARED END SECTION
STA. 498+72.57, 102.12' RT
INV. 789.20

ST- 37
2' DIA. CATCH BASIN TYPE C
W/ TYPE 24 FRAME AND GRATE
STA. 498+96.14, 61.64' RT
RIM 792.82
INV. 789.43

ST- 38
18" CONCRETE FLARED END SECTION
STA. 198+91.90, 110.36' LT
INV. 788.60

ST- 39
4' DIA. MANHOLE TYPE A
W/ TYPE 1 FRAME, CLOSED LID
STA. 199+06.07, 66.65' LT
RIM 794.75
INV. (W) 788.82
INV. (SE) 788.83

ST- 40
4' DIA. CATCH BASIN TYPE A
W/ TYPE 24 FRAME AND GRATE
STA. 198+96.14, 49.86' LT
RIM 794.80
INV. (NW) 788.91
INV. (SE) 788.92

ST- 41
4' DIA. CATCH BASIN TYPE A
W/ TYPE 11V FRAME AND GRATE
STA. 198+76.82, 17.00' LT
RIM 794.90
INV. (NW) 789.12
INV. (SE) 789.13

ST- 42
4' DIA. CATCH BASIN TYPE A
W/ TYPE 24 FRAME AND GRATE
STA. 198+80.00, 51.07' RT
RIM 794.23
INV. (NW) 789.48
INV. (NE) 789.49
INV. (SW) 789.49

ST- 43
2' DIA. CATCH BASIN TYPE C
W/ TYPE 11V FRAME AND GRATE
STA. 500+91.07, 07.95' RT
RIM 797.71
INV. 790.64

ST- 44
5' DIA. MANHOLE TYPE A
W/ TYPE 1 FRAME, CLOSED LID
STA. 198+43.60, 39.39' RT
RIM 794.15
INV. (NE) 789.84
INV. (SW) 789.88

ST- 45
4' DIA. CATCH BASIN TYPE A
W/ TYPE 1 FRAME, OPEN LID
STA. 198+02.57, 47.82' RT
RIM 793.87
INV. (NE) 790.05
INV. (SW) 790.06

ST- 46
4' DIA MANHOLE TYPE A
W/ TYPE 1 FRAME, CLOSED LID
STA. 195+64.61, ' 43.05' RT
RIM 793.93
INV. (NE) 791.08
INV. (SW) 791.09

ST- 47
2' DIA. CATCH BASIN TYPE C
W/ TYPE 24 FRAME AND GRATE
STA. 195+53.66, 37.71' RT
RIM 794.16
INV. (NE) 791.13

ST- 48
15" CONCRETE FLARED END SECTION
STA. 197+53.97, 93.71' LT
INV. 790.52

ST- 49
15" CONCRETE FLARED END SECTION
STA. 197+13.47, 79.50' LT
INV. 791.04

ST- 50
15" CONCRETE FLARED END SECTION
STA. 196+61.42, 56.48' LT
INV. 792.05

ST- 51
15" CONCRETE FLARED END SECTION
STA. 196+10.36, 63.38' LT
INV. 793.52

ST- 52
4' DIA. CATCH BASIN TYPE A
W/ TYPE 24 FRAME AND GRATE
STA. 495+20.58, 51.87' LT
RIM 788.82
CONSTRUCT MANHOLE OVER
EXISTING SEWER

ST- 53
8' DIA MANHOLE TYPE A
W/ TYPE 1 FRAME, CLOSED LID
STA. 494+14.02, 47.33' RT
RIM 787.86
INV. (NW) CONNECT TO EX.)
INV. (SE) CONNECT TO EX.)
INV. (SW) 781.60
INV. (NE) 781.60
CONSTRUCT MANHOLE OVER
EXISTING SEWER

ST. = STRUCTURE
STA. = STATION
INV. = INVERT

NOTES:

1. ALL STRUCTURES ARE PROPOSED UNLESS OTHERWISE INDICATED.
2. ALL STATIONS/OFFSETS ARE FROM US 20 AND GARY AVE. ~ UNLESS OTHERWISE NOTED
3 PIPE UNDERDRAINS TYPE 2 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 UNDERDRAINS.
4. THE INSTALATION AND CONNECTION OF A PROPOSED STRUCTURE (CATCH BASING/MANHOLE/INLET) OVER AN EXISTING STORM SEWER AND/OR A PROPOSED STORM SEWER CONNECTION TO AN EXISTING STRUCTURE, AND THE REMOVAL WORK REQUIRED TO MAKE THE CONNECTION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEM BEING INSTALLED.
5. THE INSTALLATION AND CONNECTION OF A PROPOSED STORM SEWER TO AN EXISING STORM SEWER, AND THE REMOVAL WORK REQUIRED TO MAKE THE CONNECTION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEM BEING INSTALLED.

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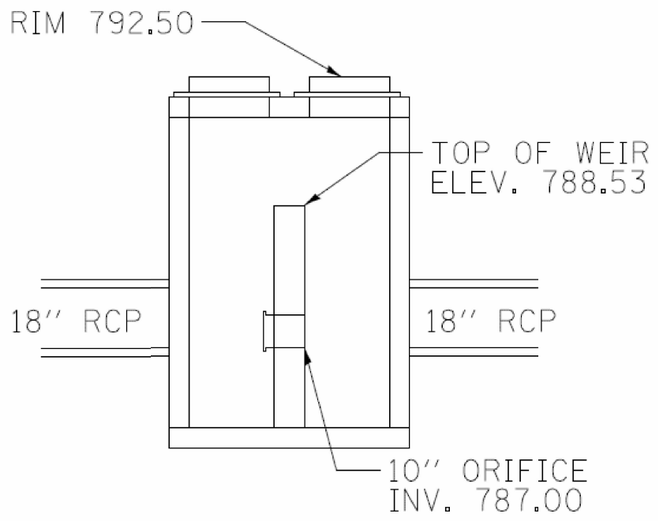
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE STRUCTURES
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

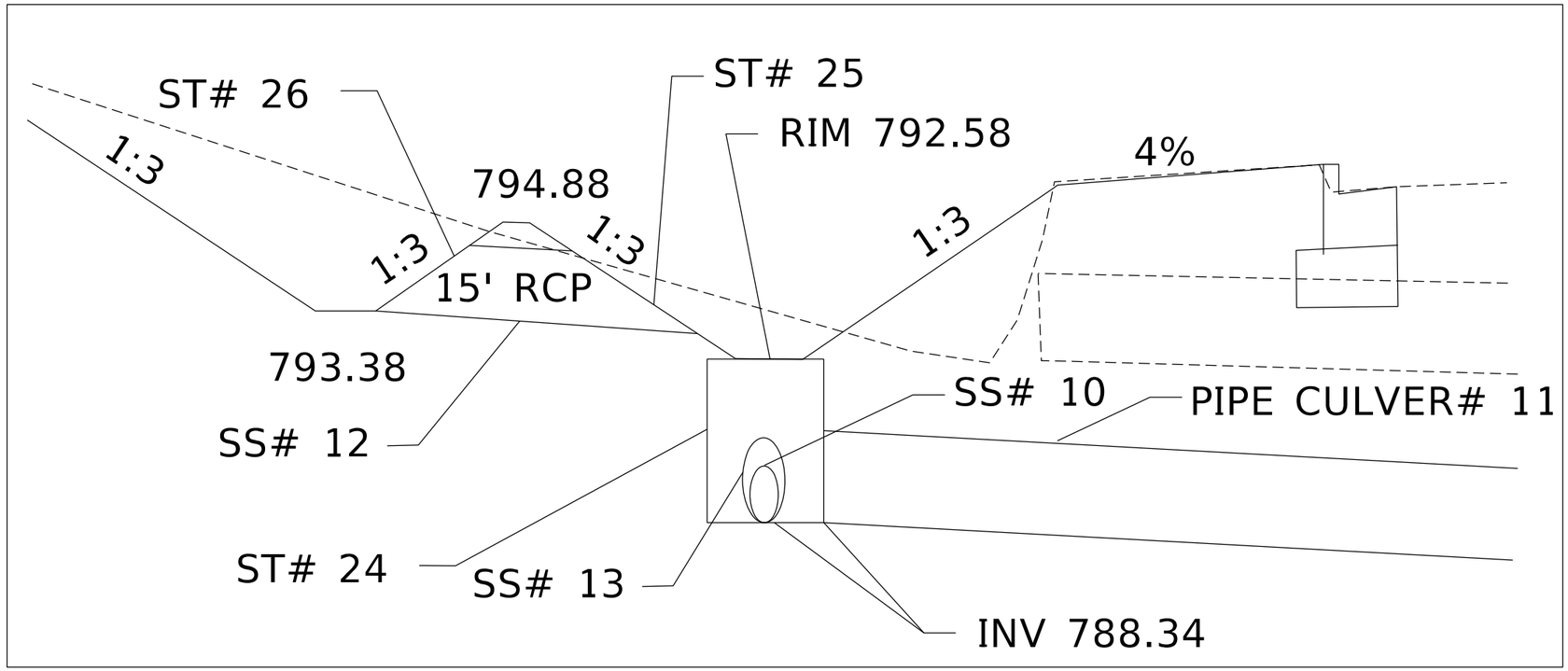
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	67
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	

CONTROL MH DETAIL



STRUCTURE 34 DETAILS
(NOT TO SCALE)



STRUCTURE 24, 25
AND 26 DETAILS
(NOT TO SCALE)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE DETAILS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	68
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

Pipe Number	Storm Sewer/Pipe Culvert	Str. # Up Stream	Inv. Up Stream	Str. # Down Stream	Inv. Down Stream	Pipe D (in)	Pipe Length (ft)	Pipe Slope (%)	CLASS	TYPE	TBF (CU YD)
1	Storm Sewer	5	789.04	4	788.78	12	52.89	0.49	A	2	11.06
2	Storm Sewer	6	789.41	5	789.05	12	80.53	0.45	A	1	7.89
3	Storm Sewer	9	788.61	8	788.56	12	5.53	0.90	A	1	1.26
4	Storm Sewer	12	788.78	9	788.63	12	19.72	0.76	A	1	2.95
5	Storm Sewer	10	789.13	9	788.64	12	49.95	0.98	A	2	11.34
6	Storm Sewer	11	789.34	10	789.21	12	19.75	0.66	A	2	5.25
7	Storm Sewer	14	790.11	13	790	12	18.79	0.59	A	2	13.48
8	Storm Sewer	46	791.08	45	790.06	12	217.25	0.47	A	1	31.27
9	Storm Sewer	19	790.86	17	790.8	12	7.07	0.85	A	2	2.43
10	Storm Sewer	22	789.04	24	788.34	12	69.44	1.01	A	2	9.42
11	Pipe Culvert	24	788.34	23	787.87	30	89.48	0.53	A	2	59.83
12	Storm Sewer	26	793.38	25	793.25	15	3.86	3.37	A	1	-
13	Storm Sewer	27	789.44	24	788.34	24	236.26	0.47	A	1	2.12
14	Storm Sewer	2	781.62	53	781.6	12	1.42	1.41	A	2	-
15	Storm Sewer	32	781.68	28	781.48	12	19.4	1.03	A	2	22.00
16	Storm Sewer	29	782.07	30	781.96	12	9.42	1.17	A	3	13.09
17	Storm Sewer	31	781.45	30	781.36	18	6.57	1.37	A	2	5.62
18	Storm Sewer	33	786.7	31	781.46	18	220.55	2.38	A	2	-
19	Storm Sewer	34	787	33	786.73	18	16.29	1.66	A	2	7.96
20	Storm Sewer	35	787	34	787	18	27.86	0.00	A	2	-
21	Storm Sewer	37	789.43	36	789.2	12	42.22	0.54	A	1	2.71
22	Storm Sewer	39	788.82	38	788.6	18	44.2	0.50	A	2	8.12
23	Storm Sewer	40	788.91	39	788.83	18	17.02	0.47	A	2	8.84
24	Storm Sewer	41	789.12	40	788.92	18	33.61	0.60	A	2	13.75
25	Storm Sewer	42	789.48	41	789.13	18	65.78	0.53	A	2	23.76
26	Storm Sewer	44	789.84	42	789.49	12	34.26	1.02	A	2	9.09
27	Storm Sewer	43	790.64	42	789.49	12	115.92	0.99	A	2	41.43
28	Storm Sewer	47	791.13	46	791.09	12	8.90	0.45	A	1	1.04
29	Pipe Culvert	49	791.04	48	790.52	15	48.00	1.08	A	1	3.59
30	Pipe Culvert	51	793.52	50	792.05	15	56.00	2.63	A	1	2.96
31	Storm Sewer	21	-	EX. SS	-	12	3.44	EXTEND EX SS	A	2	2.29
32	Storm Sewer	EX. SS	-	20	-	12	3.94	EXTEND EX SS	A	2	3.10
33	Storm Sewer	52	790.73	18	790.67	12	5.22	1.15	A	2	-
34	Storm Sewer	45	790.05	44	789.88	12	35.30	0.48	A	1	11.42
35	Storm Sewer	16	781.83	53	781.6	12	22.52	1.02	A	2	13.95

NOTE:

ALL STATIONS/OFFSETS ARE FROM US 20 AND GARY AVE. ~ UNLESS OTHERWISE NOTED

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PIPE TABLE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	69
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

LONGITUDINAL PIPE UNDERDRAIN TABLE

LOCATION	STATION - STATION	O/S (FT)	DIAMETER (IN)	PIPE UNDERDRAINS TYPE	LENGTH (FT)	WEST OUTLET	EAST OUTLET	SOUTH OUTLET	NORTH OUTLET
US 20	493+36 - 496+41	VAR. LT	4	TYPE 2	305	1	CLOSED END		
US 20	496+41 - 499+12	VAR. LT	4	TYPE 2	271	3	CLOSED END		
US 20	500+75 - 502+57	VAR. LT	4	TYPE 2	182	14	CLOSED END		
US 20	502+57 - 506+94	VAR. LT	4	TYPE 2	437	CLOSED END	22		
US 20	506+94 - 508+00	VAR. LT	4	TYPE 2	106	22	CLOSED END		
US 20	492+52 - 496+27	VAR. RT	4	TYPE 2	373	EX. STR.	CLOSED END		
US 20	496+27 - 498+96	VAR. RT	4	TYPE 2	269	31	CLOSED END		
US 20	498+96 - 499+50	VAR. RT	4	TYPE 2	70	37	CLOSED END		
US 20/Gary Ave.	500+52 - 198+02	VAR. RT	4	TYPE 2	317		CLOSED END	45	
US 20	502+57 - 505+24	VAR. RT	4	TYPE 2	267	CLOSED END	21		
US 20	505+24 - 506+10	VAR. RT	4	TYPE 2	105	21	CLOSED END		
US 20	506+41 - 507+65	VAR. RT	4	TYPE 2	152	CLOSED END	23		
Gary Ave.	499+12 - 201+80	VAR. LT	4	TYPE 2	151	CLOSED END			6
Gary Ave.	201+90 - 202+92	VAR. LT	4	TYPE 2	102	CLOSED END			12
Gary Ave.	202+92 - 206+76	VAR. LT	4	TYPE 2	384			12	CLOSED END

PIPE UNDERDRAIN NOTES:

ALL STATIONS/OFFSETS ARE FROM US 20 AND GARY AVE. ~ UNLESS OTHERWISE NOTED

PIPE UNDERDRAINS TYPE 2 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 UNDERDRAINS.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIPE UNDERDRAIN TABLE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	70
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

SIGN PANEL SCHEDULE

ROAD	EXISTING LOCATION STATION	EXISTING LOCATION OFFSET	PROPOSED LOCATION STATION	PROPOSED LOCATION OFFSET	SIGN DESCRIPTION	MUTCD CODE	HEIGHT	WIDTH	AREA	PANEL TYPE	PROP. ACTION	REMOVE SIGN PANEL ASSY T A 72400100 EACH	REMOVE SIGN PANEL ASSY TB 72400200 EACH	REMOVE SIGN PANEL TYPE 1 72400310 SQFT	TELESCOPING STEEL SIGN SUP. 72800100 FT	SIGN PANEL TYPE 1 72000100 SQFT	RELOCATE SIGN PANEL ASSY T A 72400500 EACH	RELOCATE SIGN PANEL ASSY T B 72400600 EACH	BASE FOR TELESCOPING STEEL SIGN SUPPORT 73100100 EACH
		FT		FT			FT	FT	SQFT										
US 20	491+95.1	43.5 RT	491+93.1	45.4 RT	GREEN STREET NAME "CHASE CT"						RELOCATE	1					1		
	491+95.1	43.5 RT	491+93.1	45.4 RT	GREEN STREET NAME "CHASE CT"						RELOCATE	1					1		
US 20	492+47.5	52.7 RT	492+43.2	73.5 RT	STOP SIGN						RELOCATE	1					1		
US 20			492+88.0	8.2 RT	KEEP RIGHT	R4-7	2.00	2.50	5.00	1	NEW SIGN				14	5.0			
US 20	493+43.8	41.3 RT	493+43.8	53.4 RT	ADVANCED STREET NAME (Gary Av)						RELOCATE	1					1		
US 20	494+74.8	49.6 LT	494+74.8	59.1 LT	RIGHT TURN ONLY						RELOCATE	1					1		
US 20	495+92.0	43.5 LT	495+92.0	43.1 LT	SPEED LIMIT 40						RELOCATE	1					1		
US 20			495+86.6	2.2 LT	LEFT+U-TURN AND LEFT ONLY		3.00	3.00	9.00	1	NEW SIGN				15	9.0			
					LEFT TURN ONLY	R3-5L	3.00	2.50	7.50	1	NEW SIGN					7.5			
US 20	497+9.4	49.5 RT	497+9.4	57,9 RT	RED LIGHT PHOTO ENFORECEMENT						RELOCATE	1					1		
US 20	497+54.8	37.6 LT	497+54.8	47.0 LT	WEST						RELOCATE	1					1		
					20						RELOCATE								
US 20	498+67.4	50.2 RT	498+42.1	58.8 RT	RIGHT TURN ONLY	R3-5R	3.00	2.50	7.50	1	REMOVE & PLACE NEW SIGN			7.5	15	7.5			
US 20	798+83.7	42.3 LT	798+83.7	49.5 LT	Please Don't Drink and Drive						RELOCATE		1					1	
US 20			499+12	9.3 LT	KEEP RIGHT	R4-7	2.00	2.50	5.00	1	NEW SIGN				15	5.0			
					LEFT+U-TURN AND LEFT ONLY		3.00	3.00	9.00	1	NEW SIGN					9.0			
					NO U-TURN VEHICLES OVER 22 FT		2.00	2.50	5.00	1	NEW SIGN					5.0			
US 20	499+21.9	45.5 lt	499+26.9	61.8 LT	RED LIGHT PHOTO ENFORECEMENT		2.50	2.50	6.25	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			6.3		6.3			
US 20	499+25.0	50.2 RT	499+19.0	80.5 RT	NO SOLICITING ON HIGHWAYS		3.00	2.50	7.50	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			7.5		7.5			
					STOP SIGN	R1-1	3.00	3.00	9.00	1	REMOVE & PLACENEW SIGN ON SIGNAL POLE			9.0		9.0			
US 20			500+70.8	10.6 RT	KEEP RIGHT	R4-7	2.00	2.50	5.00	1	NEW SIGN				15	5.0			1
					LEFT+U-TURN AND LEFT ONLY		3.00	3.00	9.00	1	NEW SIGN					9.0			
					NO U-TURN VEHICLES OVER 22 FT		2.00	2.50	5.00	1	NEW SIGN					5.0			
US 20	500+76.3	94.7 LT	500+67.7	94..8 LT	NO SOLICITING ON HIGHWAYS		3.00	2.50	7.50	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			7.5		7.5			
					STOP SIGN	R1-1	3.00	3.00	9.00	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			9.0		9.0			
US 20	500+81.0	47.2 RT	500+45.5	62.1 RT	RED LIGHT PHOTO ENFORECEMENT		2.50	2.50	6.25	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			6.3		6.3			
					BUCKLE UP You have netered CLICK IT OR TICKET		2.00	2.00	4.00	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			4.0	`	4.0			
US 20	501+13.8	43.9 RT	501+13.8	55.1 RT	EAST						RELOCATE		1					1	
					20						RELOCATE								
					NO PARKING ANY TIME						RELOCATE								
US 20	501+82	47.6 LT	501+82	57.2 LT	RIGHT TURN ONLY						RELOCATE	1					1		
US 20	502+28.5	43.0 RT	502+28.5	48.9 RT	BFPD #1 25W355						RELOCATE	1					1		
US 20	503+3.2	48.5 LT	505+95.6	59.6 LT	RED LIGHT PHOTO ENFORECEMENT						RELOCATE	1					1		
US 20			503+64.3	11.7 RT	LEFT+U-TURN AND LEFT ONLY		3.00	3.00	9.00	1	NEW SIGN				14	9.0			1
US 20	503+88.1	40.6 RT	503+88.1	48.0 RT	BFPD #1 25W331						RELOCATE	1					1		
US 20	504+05	46.0 RT	503+26.2	47.2 RT	SPEED LIMIT 40						RELOCATE	1					1		
US 20	506+22.7	37.5 LT	506+22.7	41.6	SPEED LIMIT 40						RELOCATE	1					1		
Gary Ave	194+46.8	34.5 RT	194+46.8	35.2 RT	Schaumburg Baseball Stadium						RELOCATE	1					1		
Gary Ave	194+81.3	40.6 LT	194+81.3	45.9 LT	BFPD #1 6N558						RELOCATE	1					1		
Gary Ave	195+26.3	35.5 RT	195+26.3	41.2 RT	NO LEFT TURN						RELOCATE	1					1		
Gary Ave	195+42.2	50.6 RT	195+42.2	53.3 RT	NO TRUCKS						RELOCATE	1					1		
					UNAUTHORIZED PARKING WARNING						RELOCATE	1					1		
Gary Ave	195+86.1	33.6 LT	195+86.1	39.2 LT	SPEED LIMIT 45						RELOCATE	1					1		
Gary Ave	196+20.7	46.3 RT	196+4.1	58.6 RT	STOP SIGN						RELOCATE		1					1	
					RIGHT TURN ONLY						RELOCATE								
Gary Ave	196+47.8	44.9 RT	196+47.8	50.6 RT	DO NOT ENTER	R5-1	3.00	3.00	9.00	1	RELOCATE WITH NEW TELESCOPING STEEL SIGN SUPPORT	1			14	9.0			
Gary Ave	196+61.9	42.6 LT	196+56.9	50.6 LT	BFPD #1 6N600						RELOCATE	1					1		
Gary Ave	197+32.6	46.7 LT	197+21.4	54.8 LT	BFPD #1 6N614						RELOCATE	1					1		
Gary Ave			197+66.6	12.8 LT	LEFT+U-TURN AND LEFT ONLY		3.00	3.00	9.00	1	NEW SIGN				14	9.0			1
Gary Ave			198+24.7	51.5 RT	RIGHT TURN ONLY	R3-5R	3.00	2.50	7.50	1	NEW SIGN				15	7.7			
Gary Ave	198+32.3	46.1 LT	198+32.3	53.2 LT	CURVE						RELOCATE	1					1		
Gary Ave			199+17.8	14.4 LT	KEEP RIGHT	R4-7	2.00	2.50	5.00	1	NEW SIGN				15	5.0			1
					LEFT+U-TURN AND LEFT ONLY		3.00	3.00	9.00	1	NEW SIGN					9.0			
					NO U-TURN VEHICLES OVER 22 FT		2.00	2.50	5.00	1	NEW SIGN					5.0			
Gary Ave	199+23.1	54.3 LT	199+51.7	63.0 LT	DUPAGE 23 COUNTY	M1-6	2.00	2.00	4.00	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			4.0		4.0			
Gary Ave	199+25.8	46.3 RT	199+24.9	61.0 RT	STOP SIGN	R1-1	3.00	3.00	9.00	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			9.0		9.0			
Gary Ave	200+63.9	52,7 LT	200+77.5	53.4 LT	NO SOLICITING ON HIGHWAYS		3.00	2.50	7.50	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			7.5		7.5			
					STOP SIGN	R1-1	3.00	3.00	9.00	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			9.00		9.0			
Gary Ave	200+68.1	54.6 RT	200+53	52.0 RT	DUPAGE 23 COUNTY	M1-6	2.00	2.00	4.00	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			4.0		4.0			
					NO SOLICITING ON HIGHWAYS		3.00	2.50	7.50	1	REMOVE & PLACE NEW SIGN ON SIGNAL POLE			7.5		7.5			
Gary Ave	204+62.6	43.4 RT	204+62.6	41.2 RT	SPEED LIMIT						RELOCATE	1					1		
Gary Ave	205+05.4	5.0 RT	201+01.6	6.3 RT	KEEP RIGHT	R4-7	2.00	2.50	5.00	1	PLACE NEW SIGN				15	5.0			1
					DOUBLE LEFT TURN ONLY	R3-8L	3.00	3.00	9.00	1	REMOVE			9					
					LEFT+U-TURN AND LEFT ONLY		3.00	3.00	9.00	1	PLACE NEW SIGN	1				9.0			
					NO U-TURN VEHICLES OVER 22 FT		2.00	2.50	5.00	1	NEW SIGN					5.0			
Gary Ave	205+05.4	5.0 RT	205+05.4	2.2 RT	LEFT+U-TURN AND LEFT ONLY		3.00	3.00	9.00	1	REMOVE & PLACE NEW SIGN	1			14	9.0			
Gary Ave	206+39	5.2 RT	206+39	2.3 RT	KEEP RIGHT						RELOCATE	1					1		
					CENTER LANE TWO WAY ONLY						RELOCATE	1					1		
											TOTAL=	**29**	**3**	**107**	**175**	**239.2**	**26**	**3**	**5**

NOTE: WHEN TOTAL SIGN PANEL AREA EXCEEDS 16 SQFT USE DOUBLE TELESCOPING POSTS.

NOTE: PROPOSED LOCATION FOR THE SIGNS TO BE DETERMINED BY THE RESIDENT ENGINEER

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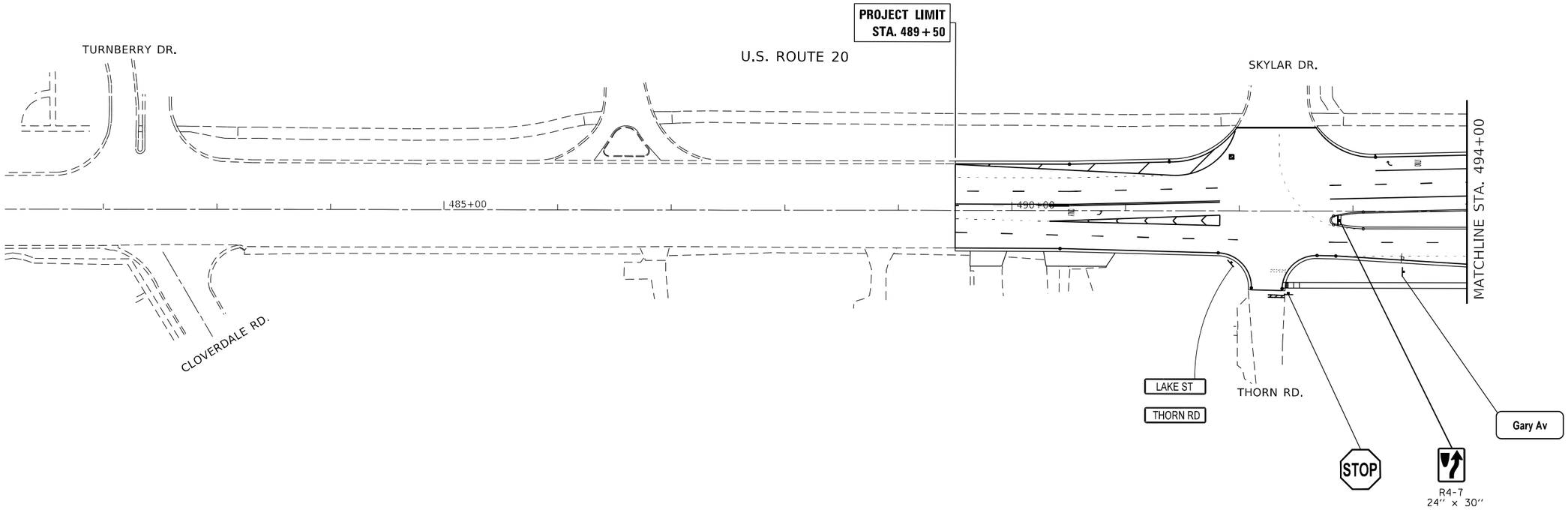
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

SIGNAGE SCHEDULE
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	71
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



NOTE: REFER TO SIGNAGE SCHEDULE

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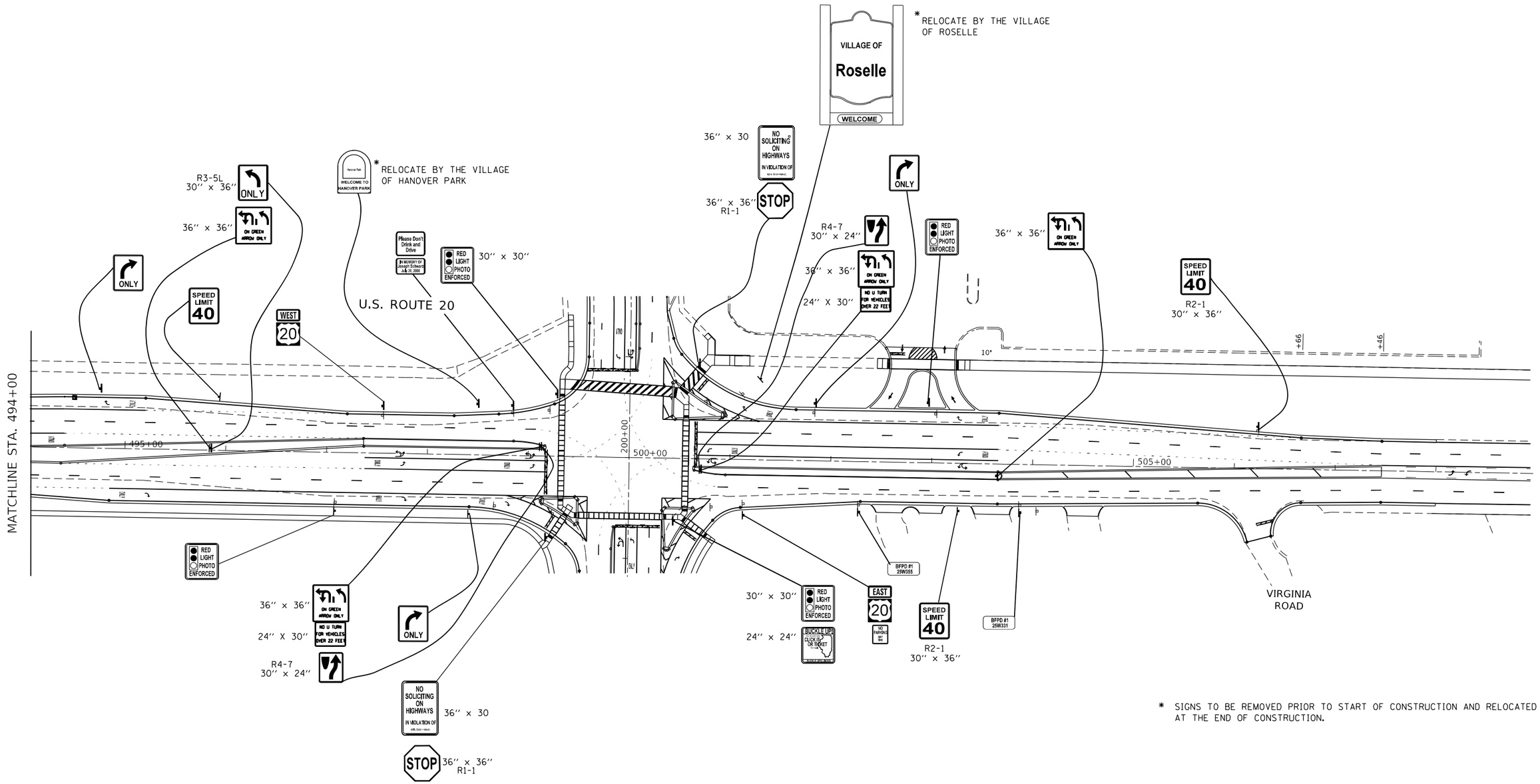
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNAGE PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	72
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



* SIGNS TO BE REMOVED PRIOR TO START OF CONSTRUCTION AND RELOCATED AT THE END OF CONSTRUCTION.

NOTE: REFER TO SIGNAGE SCHEDULE

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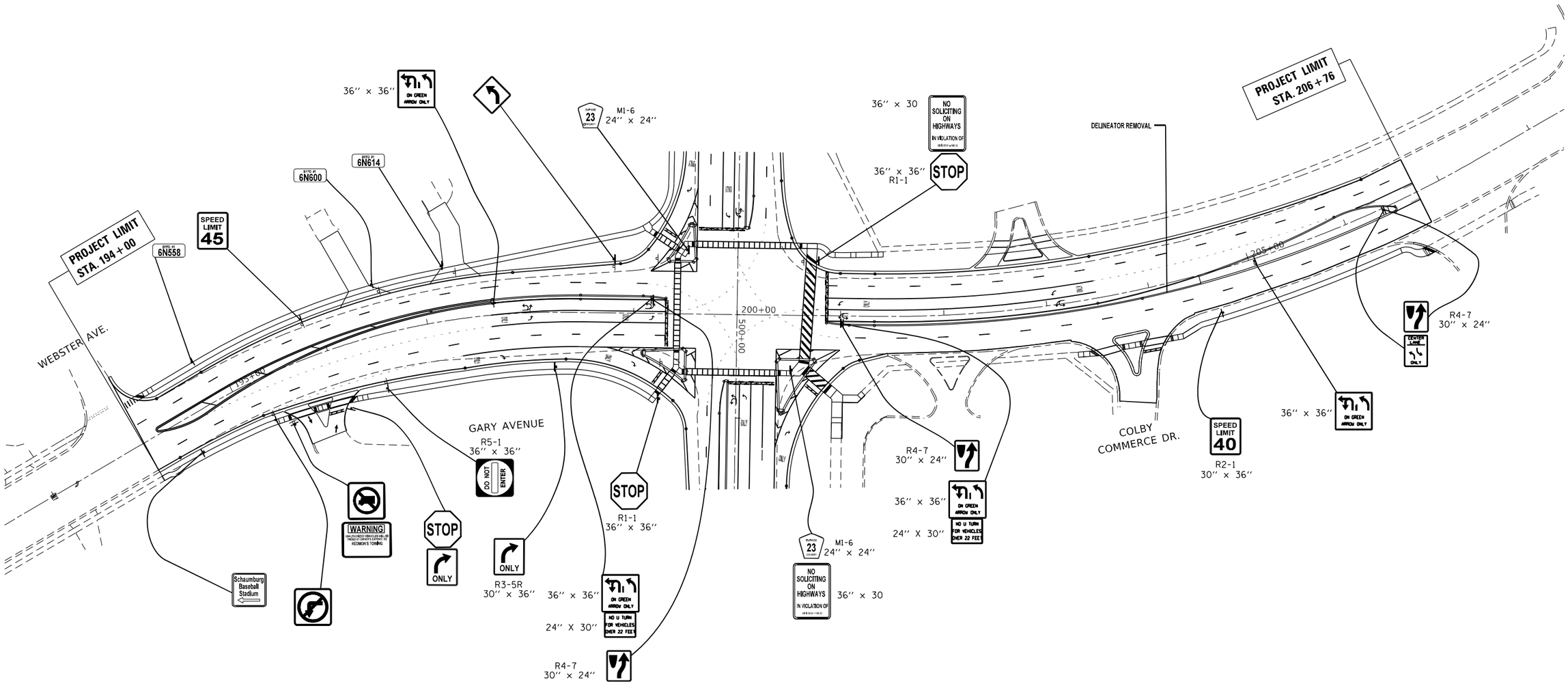
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNAGE PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	73
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



NOTE: REFER TO SIGNAGE SCHEDULE

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	**STATE OF ILLINOIS**
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

PROPOSED SIGNAGE PLAN
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	74
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

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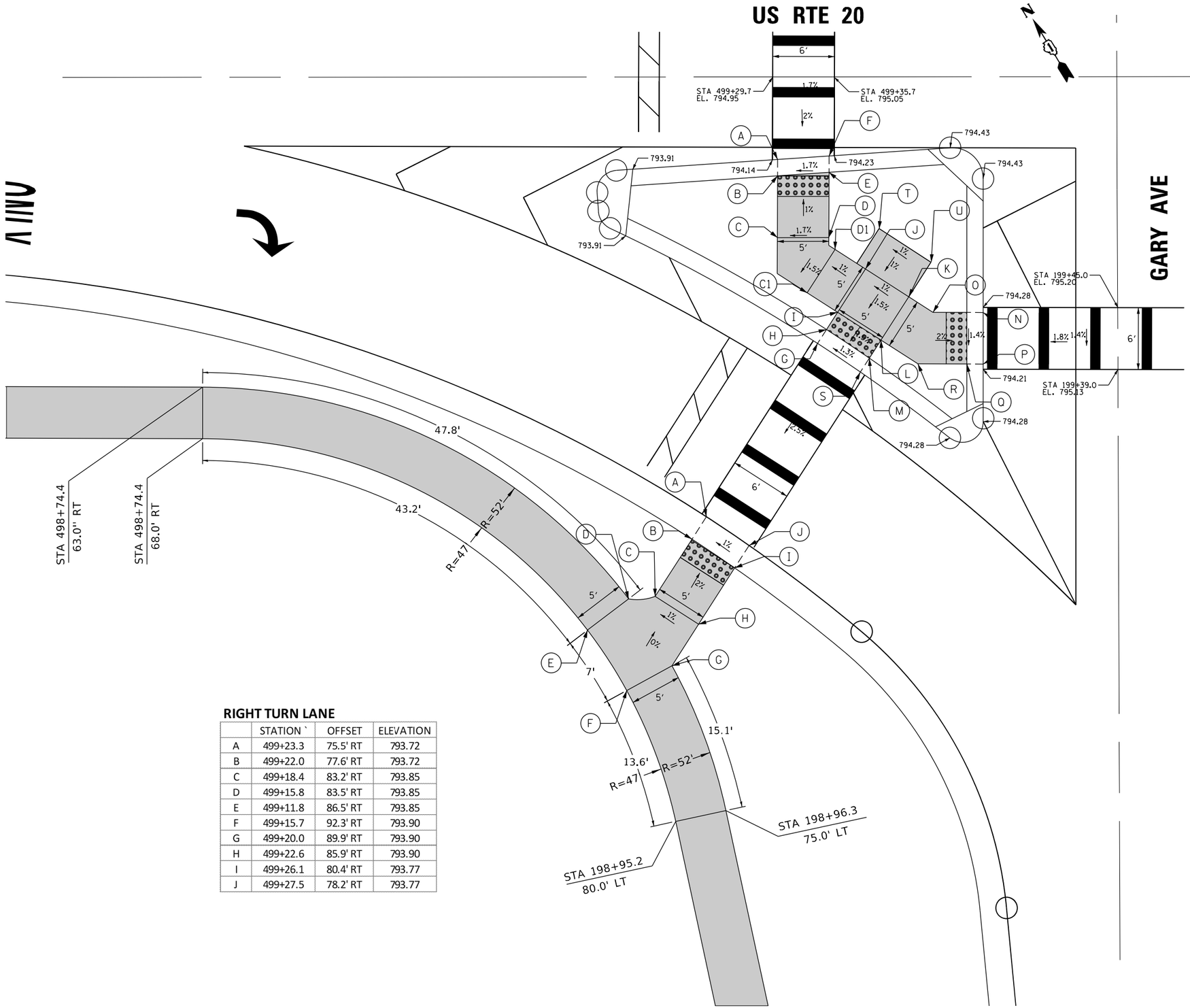

SW CORNER - ISLAND

	STATION `	OFFSET	ELEVATION
A	499+30.2	40.8' RT	794.14
B	499+30.2	42.4' RT	794.14
C	499+30.2	48.4' RT	794.20
C1	499+33.1	53.7' RT	794.21
D	499+35.2	48.3' RT	794.29
D1	499+35.8	49.4' RT	794.29
E	499+35.2	42.0' RT	794.23
F	499+35.2	40.4' RT	794.23
G	499+34.1	58.6' RT	794.22
H	499+35.0	57.3' RT	794.22
I	499+36.0	55.6' RT	794.25
J	499+38.7	51.4' RT	794.33
K	499+43.0	54.1' RT	794.38
L	499+40.3	58.3' RT	794.30
M	499+39.1	60.0' RT	794.27
N	499+50.2	55.6' RT	794.28
O	499+45.3	55.6' RT	794.38
P	499+50.2	60.6' RT	794.21
Q	499+48.6	60.5' RT	794.21
R	499+43.9	60.6' RT	794.30
S	499+38.3	61.4' RT	794.27
T	499+40.0	47.5' RT	794.36
U	499+45.1	50.7' RT	794.42

RIGHT TURN LANE

	STATION `	OFFSET	ELEVATION
A	499+23.3	75.5' RT	793.72
B	499+22.0	77.6' RT	793.72
C	499+18.4	83.2' RT	793.85
D	499+15.8	83.5' RT	793.85
E	499+11.8	86.5' RT	793.85
F	499+15.7	92.3' RT	793.90
G	499+20.0	89.9' RT	793.90
H	499+22.6	85.9' RT	793.90
I	499+26.1	80.4' RT	793.77
J	499+27.5	78.2' RT	793.77

LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
U.S. 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	75
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

NE CORNER - ISLAND

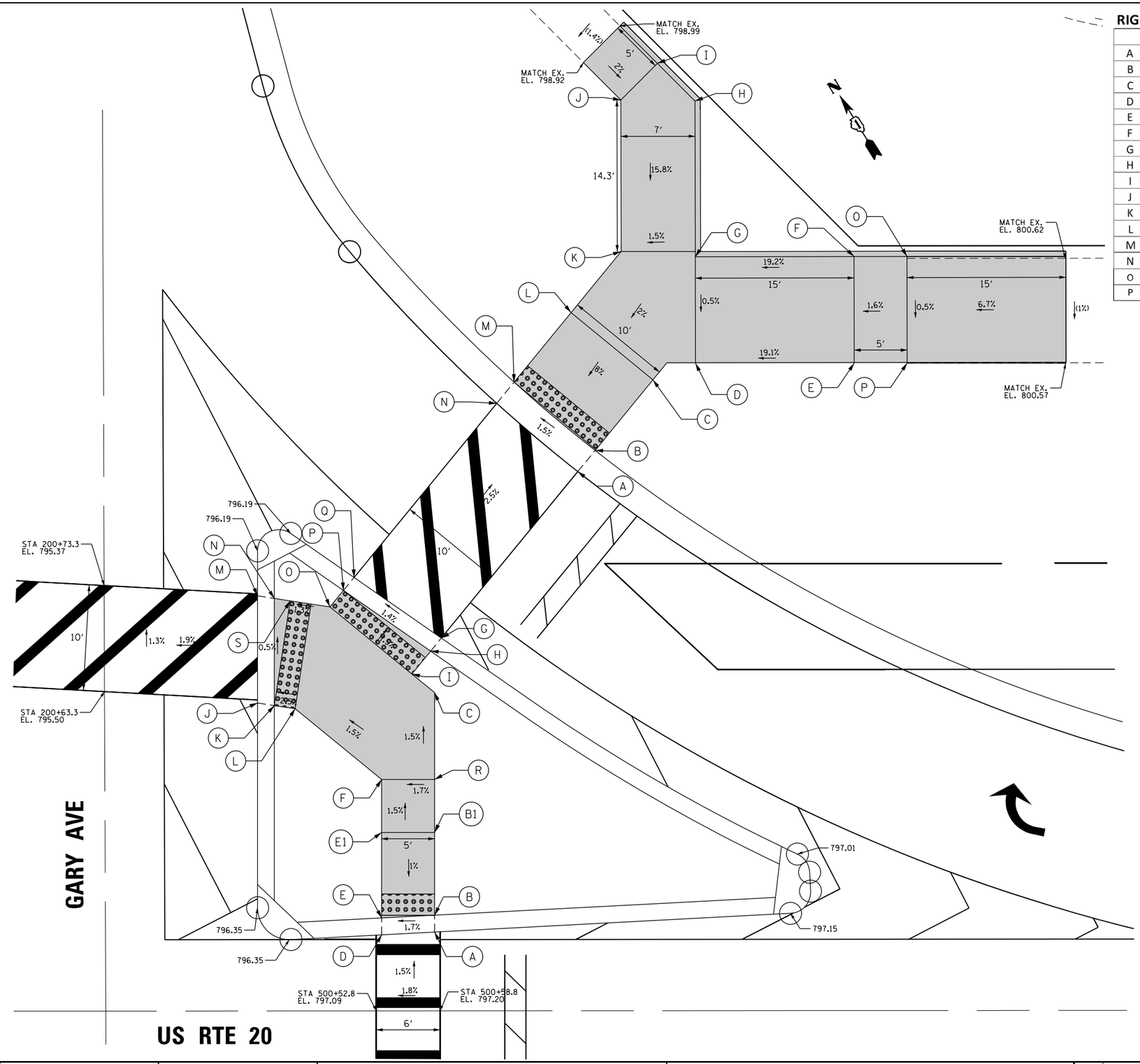
	STATION `	OFFSET	ELEVATION
A	500+58.4	39.1' LT	796.58
B	500+58.4	40.7' LT	796.58
B1	500+58.4	48.5' LT	796.66
C	500+58.4	61.7' LT	796.46
D	500+53.4	38.9' LT	796.50
E	500+53.4	40.4' LT	796.50
E1	500+53.4	48.5' LT	796.58
F	500+53.4	53.5' LT	796.50
G	500+59.0	66.9' LT	796.39
H	500+58.0	65.6' LT	796.39
I	500+56.2	63.5' LT	796.42
J	500+41.7	60.7' LT	796.26
K	500+43.2	60.5' LT	796.26
L	500+45.2	60.2' LT	796.31
M	500+41.7	70.9' LT	796.21
N	500+43.2	70.6' LT	796.21
O	500+48.5	69.8' LT	796.28
P	500+49.8	71.4' LT	796.25
Q	500+50.8	72.6' LT	796.25
R	500+58.4	53.5' LT	796.58
S	500+45.0	70.4' LT	796.23

RIGHT TURN LANE

	STATION `	OFFSET	ELEVATION
A	500+71.9	82.6' LT	795.88
B	500+73.6	84.6' LT	795.88
C	500+79.0	91.2' LT	796.57
D	500+83.0	92.8' LT	796.61
E	500+98.0	92.8' LT	799.48
F	500+98.0	102.9' LT	799.53
G	500+83.0	102.9' LT	796.65
H	500+82.9	117.6' LT	799.89
I	500+79.5	121.1' LT	799.89
J	500+76.0	117.7' LT	798.82
K	500+76.0	103.3' LT	796.54
L	500+71.3	97.6' LT	796.43
M	500+65.9	91.0' LT	795.74
N	500+83.3	89.0' LT	795.74
O	501+03.0	102.8' LT	799.61
P	501+03.0	92.8' LT	799.56

LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD



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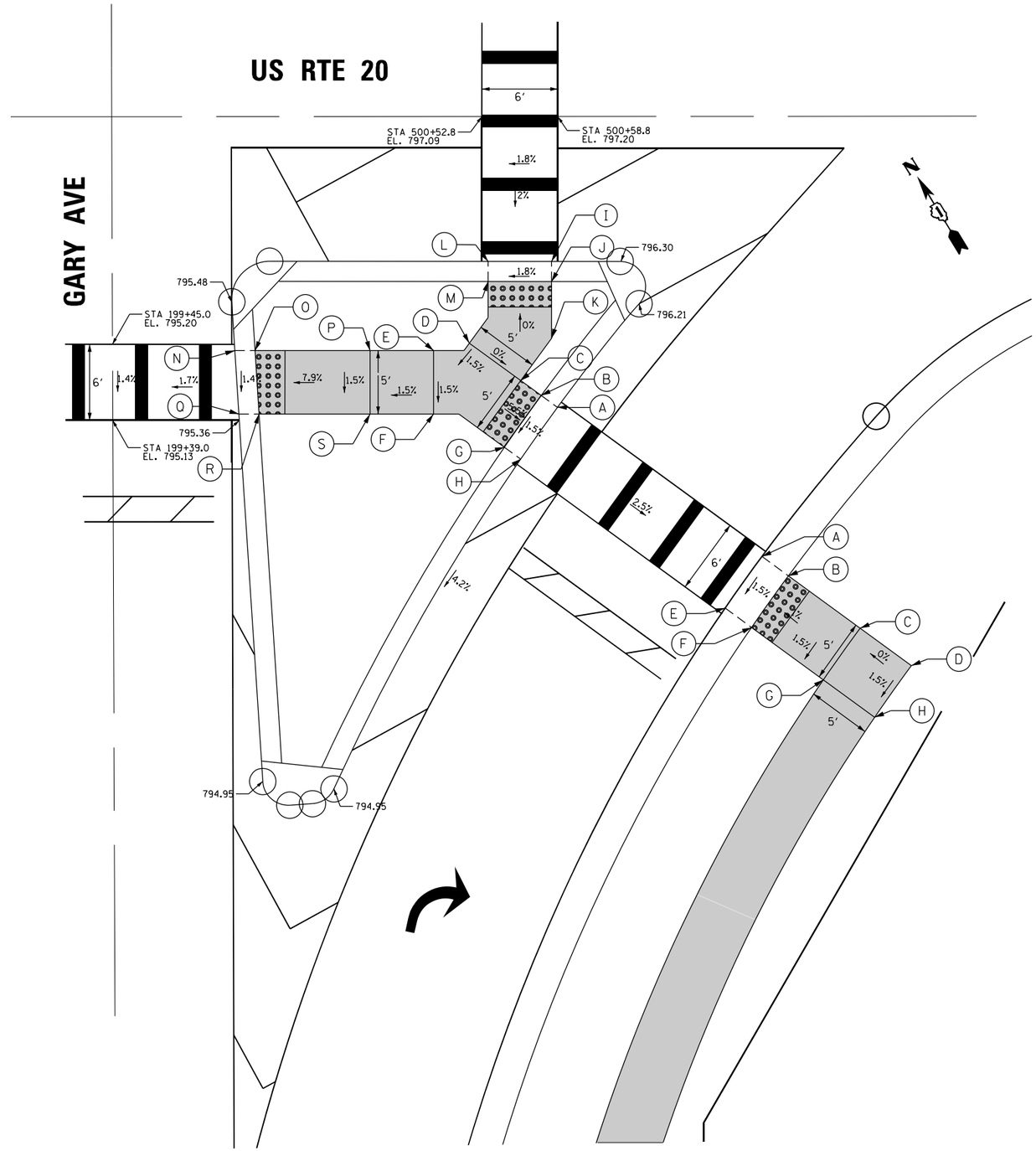
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
U.S. 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	76
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



SE CORNER - ISLAND

	STATION `	OFFSET	ELEVATION
A	500+58.8	60.0' RT	796.13
B	500+57.5	59.1' RT	796.13
C	500+55.9	57.9' RT	796.24
D	500+51.9	55.0' RT	796.24
E	500+49.1	55.6' RT	796.20
F	500+49.1	60.6' RT	796.12
G	500+64.7	63.2' RT	796.06
H	500+54.7	63.2' RT	796.06
I	500+58.4	48.5' RT	796.21
J	500+58.4	50.1' RT	796.21
K	500+58.4	54.6' RT	796.21
L	500+53.4	48.5' RT	796.12
M	500+53.4	50.1' RT	796.12
N	500+33.4	55.6' RT	795.43
O	500+35.0	55.6' RT	795.43
P	500+44.1	55.6' RT	796.12
Q	500+33.7	60.6' RT	795.36
R	500+35.3	60.6' RT	795.36
S	500+44.1	60.6' RT	796.05

RIGHT TURN LANE

	STATION `	OFFSET	ELEVATION
A	500+74.9	71.8' RT	795.63
B	500+77.0	73.3' RT	795.63
C	500+82.7	77.4' RT	795.70
D	500+86.7	80.4' RT	795.70
E	500+72.0	75.9' RT	795.56
F	500+74.1	77.4' RT	795.56
G	500+79.8	81.5' RT	795.63
H	500+83.8	84.5' RT	795.63

LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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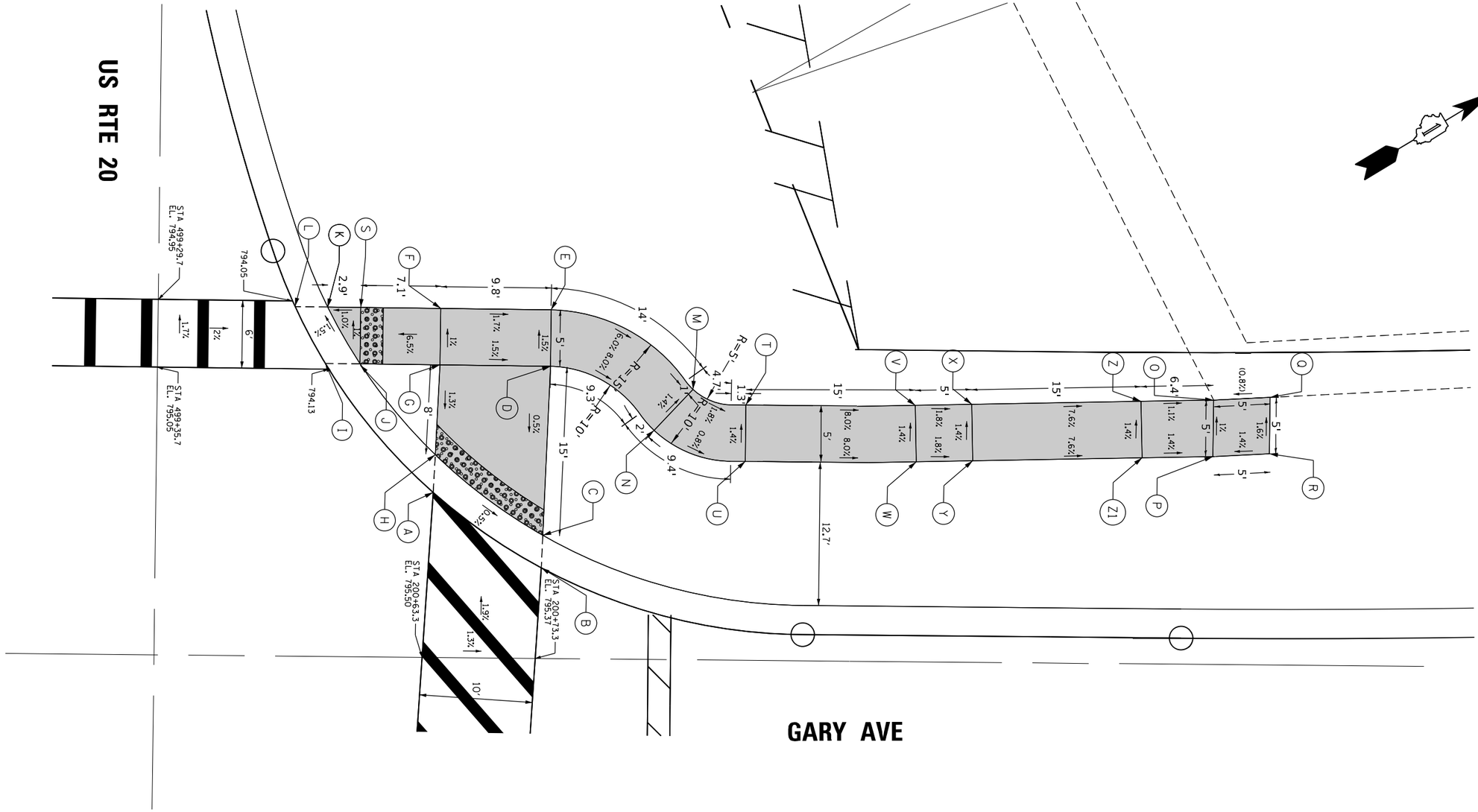
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
U.S. 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	77
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



NW CORNER			
	STATION	OFFSET	ELEVATION
A	200+66.5	53.3' LT	794.49
B	200+76.1	46.7' LT	794.43
C	200+76.2	49.6' LT	794.43
D	200+76.8	64.6' LT	794.44
E	200+76.8	69.6' LT	794.37
F	200+67.0	69.6' LT	794.54
G	200+67.0	64.6' LT	794.59
H	200+66.6	56.7' LT	794.49
I	200+56.8	64.6' LT	794.13
J	200+59.9	64.6' LT	794.13
K	200+57.0	69.6' LT	794.05
L	200+54.1	69.7' LT	794.05
M	200+86.0	62.6' LT	793.47
N	200+89.4	59.0' LT	793.54
O	201+36.0	62.1' LT	(790.88)
P	201+35.9	57.1' LT	790.93
Q	201+41.0	62.4' LT	(790.92)
R	201+40.9	57.4' LT	791.00
S	200+59.9	69.6' LT	794.08
T	200+94.5	61.3' LT	793.38
U	200+94.5	56.3' LT	793.45
V	201+09.1	61.4' LT	792.18
W	201+09.2	56.4' LT	792.25
X	201+14.1	61.5' LT	792.09
Y	201+14.2	56.5' LT	792.16
Z	201+29.1	61.9' LT	790.95
Z1	201+29.2	56.9' LT	791.02

LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- ( ) EXISTING LENGTH

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

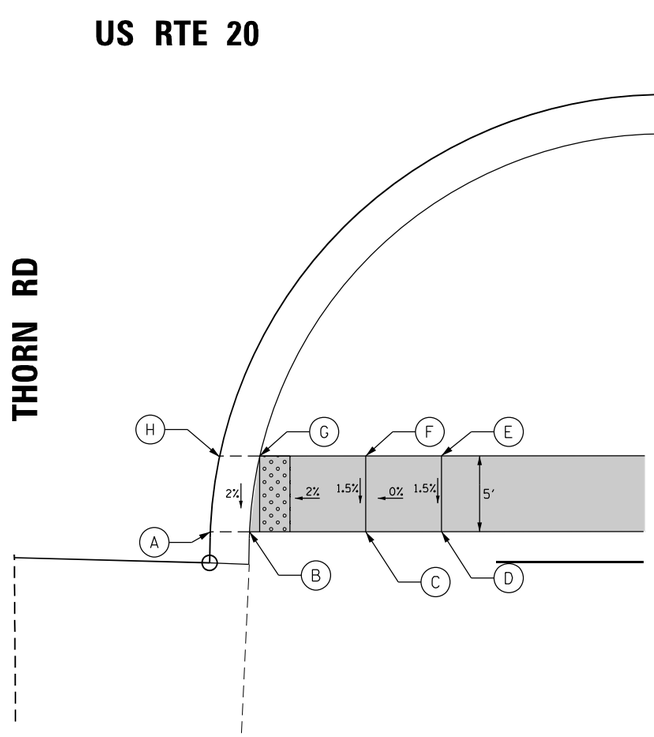
SIDEWALK DETAIL PLAN
U.S. 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	78
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD



SE CORNER

	STATION `	OFFSET	ELEVATION
A	492+37.8	68.0' RT	784.77
B	492+40.4	68.0' RT	784.77
C	492+48.1	68.0' RT	784.94
D	492+53.1	68.0' RT	784.94
E	492+53.1	63.0' RT	785.01
F	492+48.1	63.0' RT	785.01
G	492+41.1	63.0' RT	784.87
H	492+38.4	63.0' RT	784.87

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	DRAWN -	REVISED -	
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PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
U.S. 20 (LAKE ST.) AT GARY AVE.

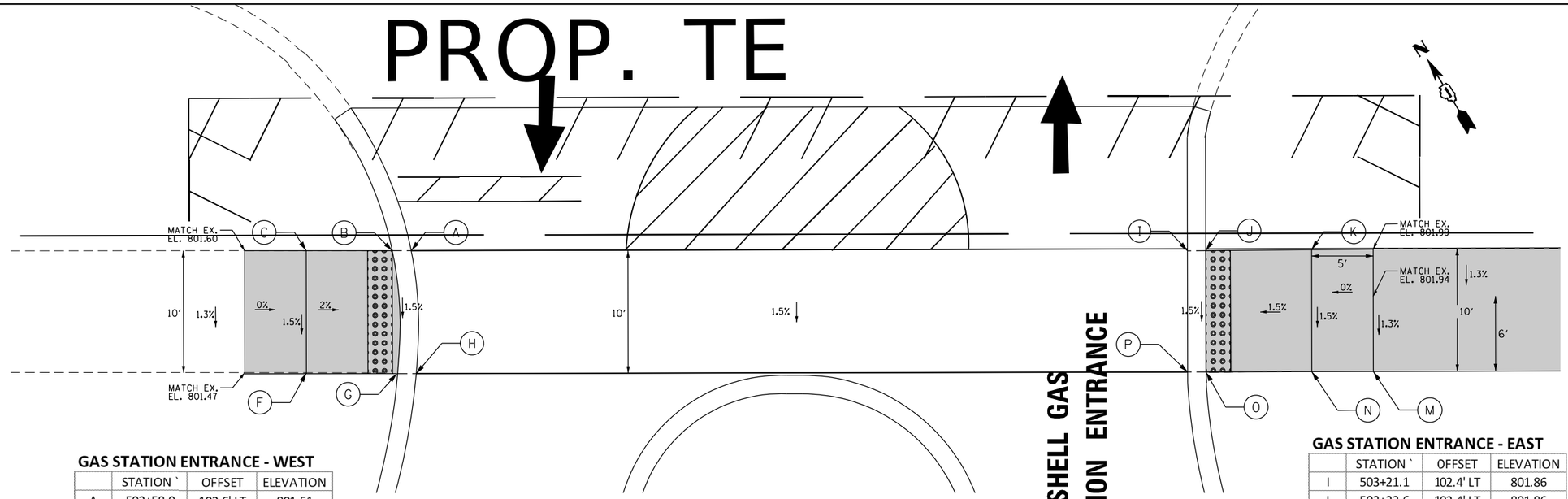
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	79
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

PROP. TE

LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

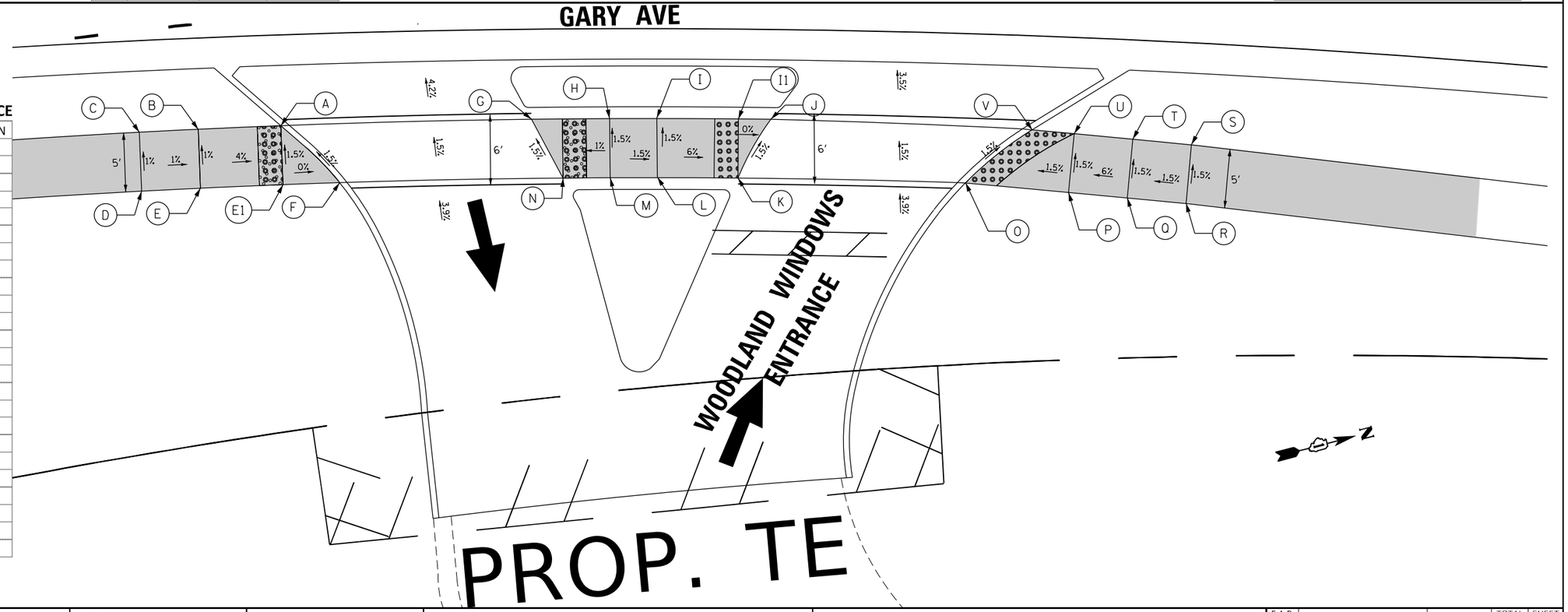


GAS STATION ENTRANCE - WEST

	STATION `	OFFSET	ELEVATION
A	502+58.0	102.6' LT	801.51
B	502+56.5	102.6' LT	801.51
C	502+49.5	102.6' LT	801.60
F	502+49.5	92.6' LT	801.47
G	502+56.9	92.6' LT	801.36
H	502+58.4	92.6' LT	801.36

GAS STATION ENTRANCE - EAST

	STATION `	OFFSET	ELEVATION
I	503+21.1	102.4' LT	801.86
J	503+22.6	102.4' LT	801.86
K	503+31.2	102.5' LT	801.99
M	503+36.2	92.6' LT	801.84
N	503+31.2	92.6' LT	801.84
O	503+22.6	92.5' LT	801.71
P	503+21.1	92.5' LT	801.71



WOODLAND WINDOWS ENTRANCE

	STATION `	OFFSET	ELEVATION
A	195+41.6	44.3' RT	794.65
B	195+34.1	43.5' RT	794.93
C	195+28.8	43.0' RT	794.98
D	195+28.1	48.0' RT	795.03
E	195+33.5	48.5' RT	794.98
E1	195+41.0	49.2' RT	794.74
F	195+42.2	49.7' RT	794.74
G	195+64.3	46.4' RT	794.30
H	195+71.4	47.0' RT	794.37
I	195+75.7	47.3' RT	794.31
I1	195+83.1	48.0' RT	793.94
J	195+86.0	48.2' RT	793.86
K	195+82.6	53.0' RT	793.94
L	195+75.2	52.3' RT	794.36
M	195+70.9	52.0' RT	794.42
N	195+66.6	51.6' RT	794.38
O	196+03.5	54.6' RT	793.59
P	196+13.0	55.8' RT	793.64
Q	196+18.4	56.4' RT	793.94
R	196+23.8	57.0' RT	794.01
S	196+24.4	52.0' RT	793.94
T	196+19.1	51.5' RT	793.86
U	196+13.7	50.9' RT	793.56
V	196+09.8	50.4' RT	793.51

PROP. TE

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	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
U.S. 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	80
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	

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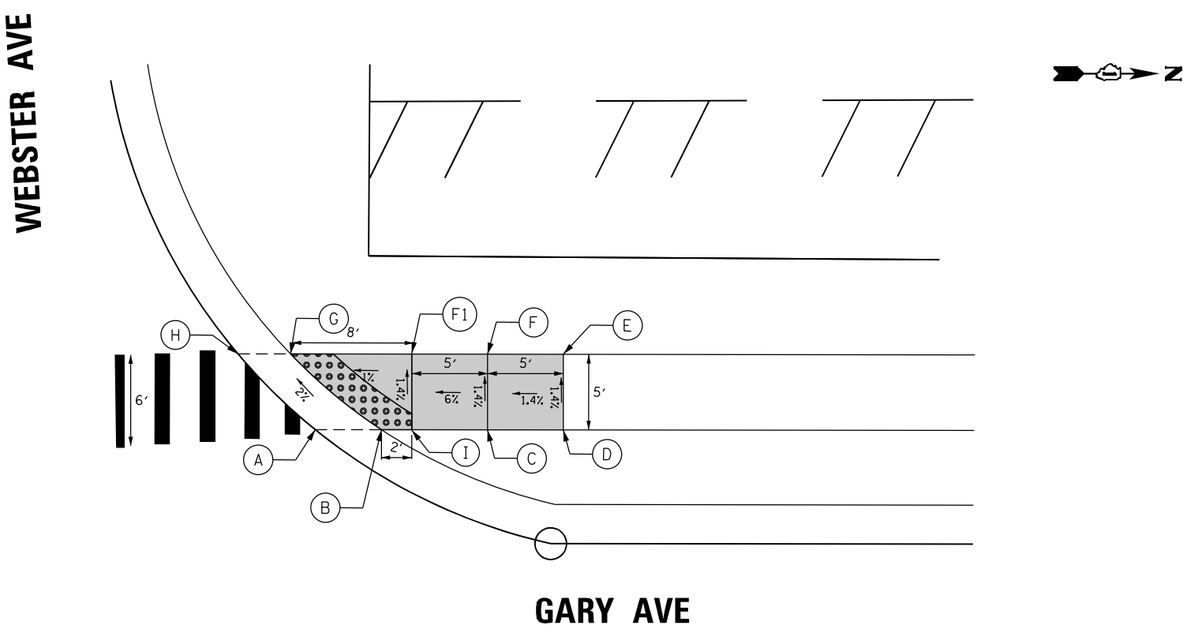
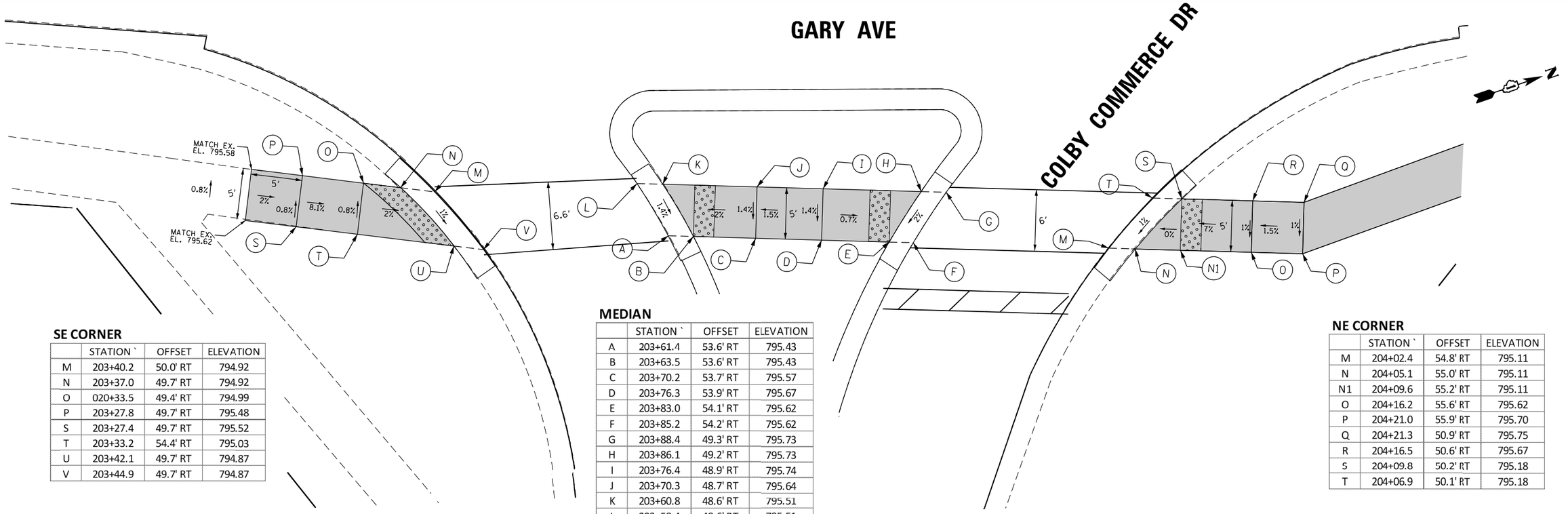
LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

NW CORNER

	STATION `	OFFSET	ELEVATION
A	194+17.6	38.3' LT	797.70
B	194+22.0	38.3' LT	797.70
C	194+29.0	38.4' LT	798.02
D	194+34.0	38.4' LT	798.09
E	194+33.9	43.4' LT	798.02
F	194+28.9	43.4' LT	797.95
F1	194+37.5	43.4' LT	797.65
G	194+15.9	43.3' LT	797.57
H	194+12.4	43.3' LT	797.57
I	194+37.5	38.4' LT	797.72





SE CORNER

	STATION `	OFFSET	ELEVATION
M	203+40.2	50.0' RT	794.92
N	203+37.0	49.7' RT	794.92
O	020+33.5	49.4' RT	794.99
P	203+27.8	49.7' RT	795.48
S	203+27.4	49.7' RT	795.52
T	203+33.2	54.4' RT	795.03
U	203+42.1	49.7' RT	794.87
V	203+44.9	49.7' RT	794.87

MEDIAN

	STATION `	OFFSET	ELEVATION
A	203+61.4	53.6' RT	795.43
B	203+63.5	53.6' RT	795.43
C	203+70.2	53.7' RT	795.57
D	203+76.3	53.9' RT	795.67
E	203+83.0	54.1' RT	795.62
F	203+85.2	54.2' RT	795.62
G	203+88.4	49.3' RT	795.73
H	203+86.1	49.2' RT	795.73
I	203+76.4	48.9' RT	795.74
J	203+70.3	48.7' RT	795.64
K	203+60.8	48.6' RT	795.51
L	203+58.4	48.6' RT	795.51

NE CORNER

	STATION `	OFFSET	ELEVATION
M	204+02.4	54.8' RT	795.11
N	204+05.1	55.0' RT	795.11
N1	204+09.6	55.2' RT	795.11
O	204+16.2	55.6' RT	795.62
P	204+21.0	55.9' RT	795.70
Q	204+21.3	50.9' RT	795.75
R	204+16.5	50.6' RT	795.67
S	204+09.8	50.2' RT	795.18
T	204+06.9	50.1' RT	795.18

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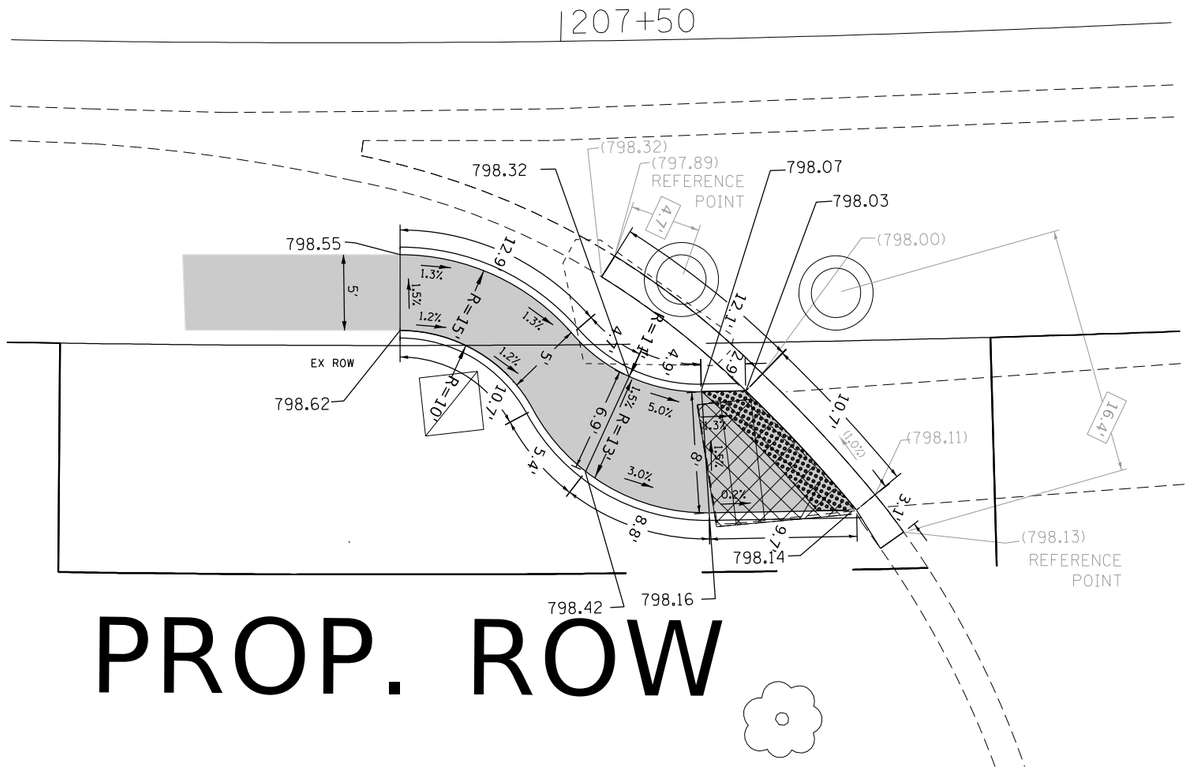
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
U.S. 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	81
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



PROP. ROW

LEGEND

XX.XX'	EXISTING LENGTH
═══	PROPOSED SIDE CURB
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL

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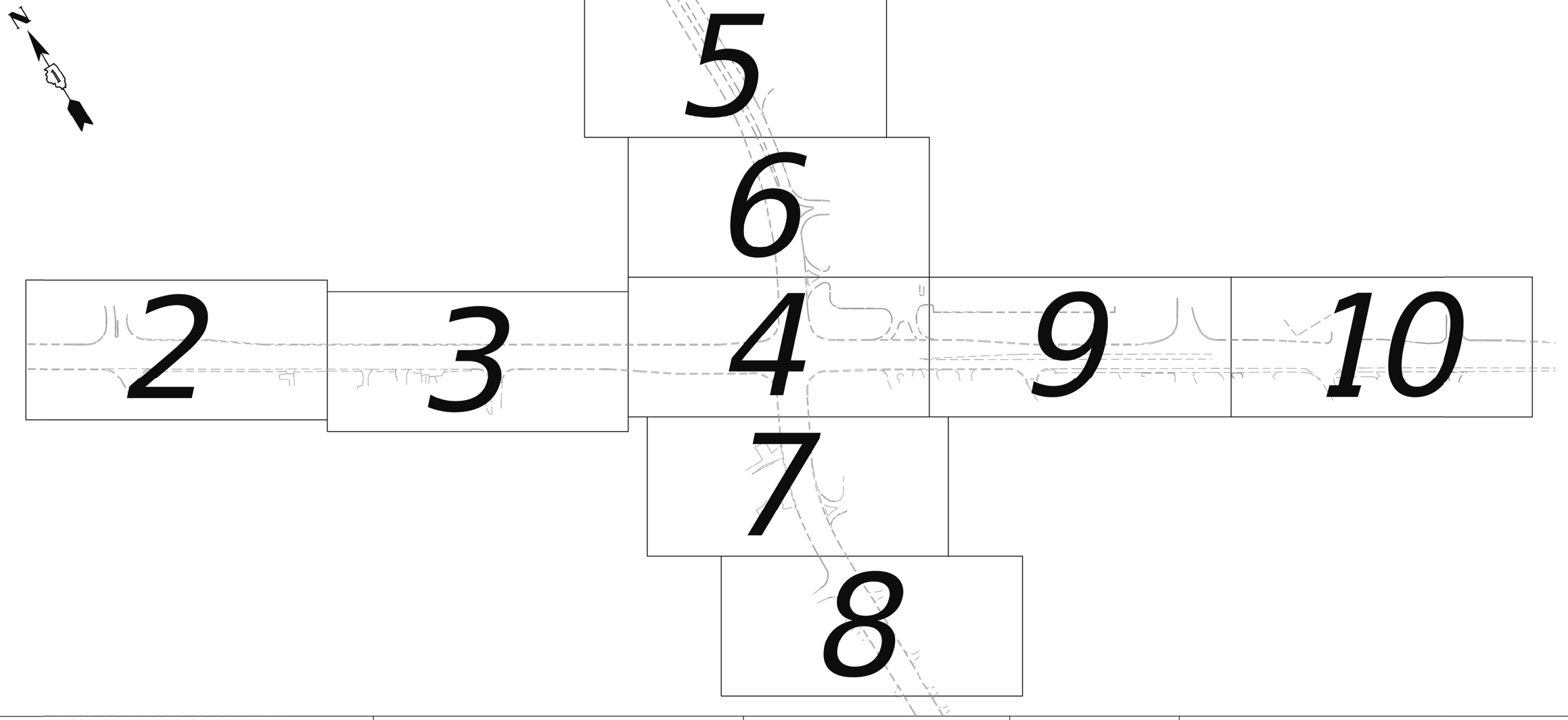
USER NAME = Rana,Kalo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
U.S. 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	82
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASURMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

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QUALITY LEVEL C (QLC)
INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTLITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

QUALITY LEVEL D (QLD)
INFORMATION DERIVED FROM EXISITNG RECORDS OR ORAL RECOLLECTIONS.

GENERAL NOTES:

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- W — W — WATER
- FORCE MAIN
- FO — FO — FIBER OPTIC
- TEST HOLE
- EOI — END OF INFORMATION
- ED — ELECTRONIC DEPTH

JOHN J. BELLIS
062-044796
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

John J. Bellis
signature

08/09/2019
date

license expires 11/30/2019

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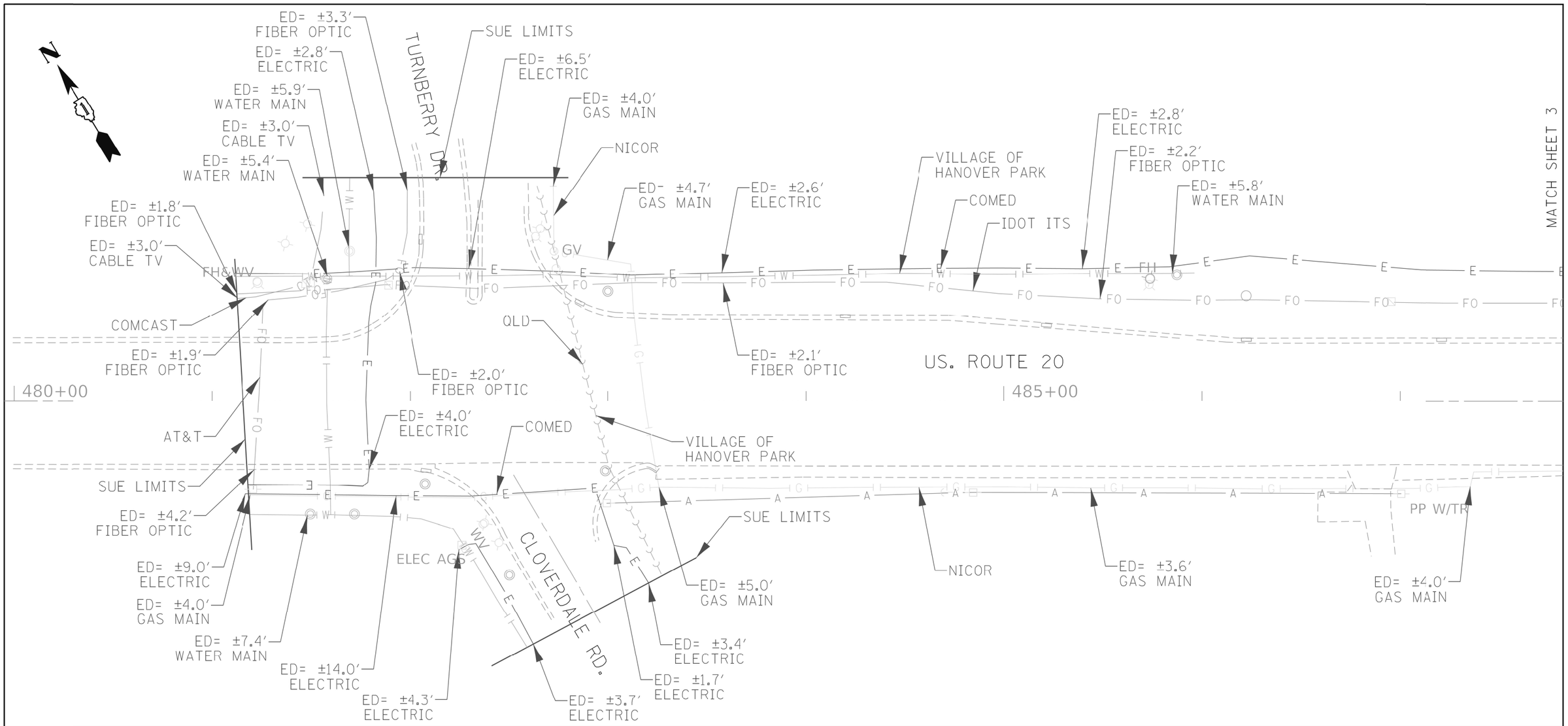
USER NAME = Erick.Maleza	DESIGNED -	REVISED -
	DRAWN - EM	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG	REVISED -
PLOT DATE = 8/8/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20 AT GARY AVE.
ROSELLE, ILLINOIS

SCALE: | SHEET 1 OF 10 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	83
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASURMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

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QUALITY LEVEL D (QLD)
INFORMATION DERIVED FROM EXISITNG RECORDS OR ORAL RECOLLECTIONS.

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- TEST HOLE
- EOI — END OF INFORMATION
- ED — ELECTRONIC DEPTH

JOHN J. BELLIS
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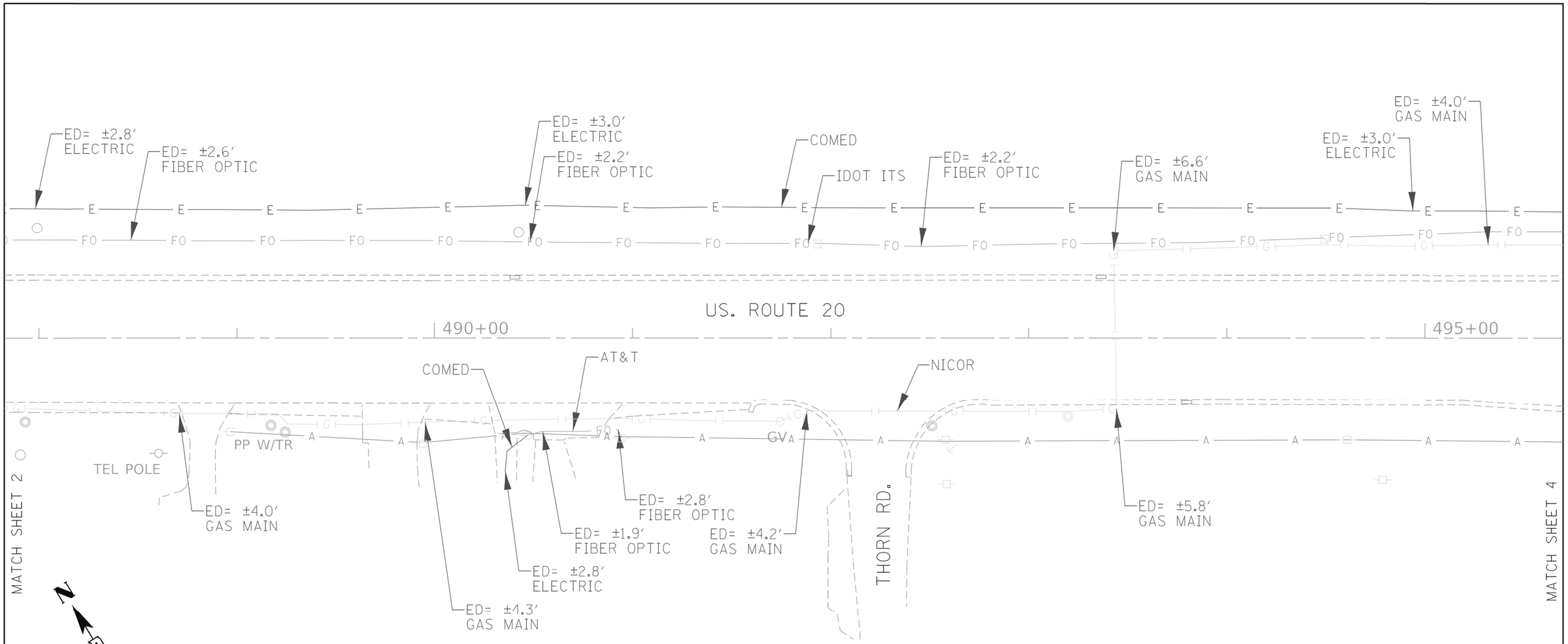
USER NAME = Erick.Maleza	DESIGNED -	REVISED -
	DRAWN - EM	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG	REVISED -
PLOT DATE = 8/8/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20 AT GARY AVE.
ROSELLE, ILLINOIS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	84
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



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PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASURMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

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- EOI — *END OF INFORMATION*
- ED — *ELECTRONIC DEPTH*

JOHN J. BELLIS
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signature

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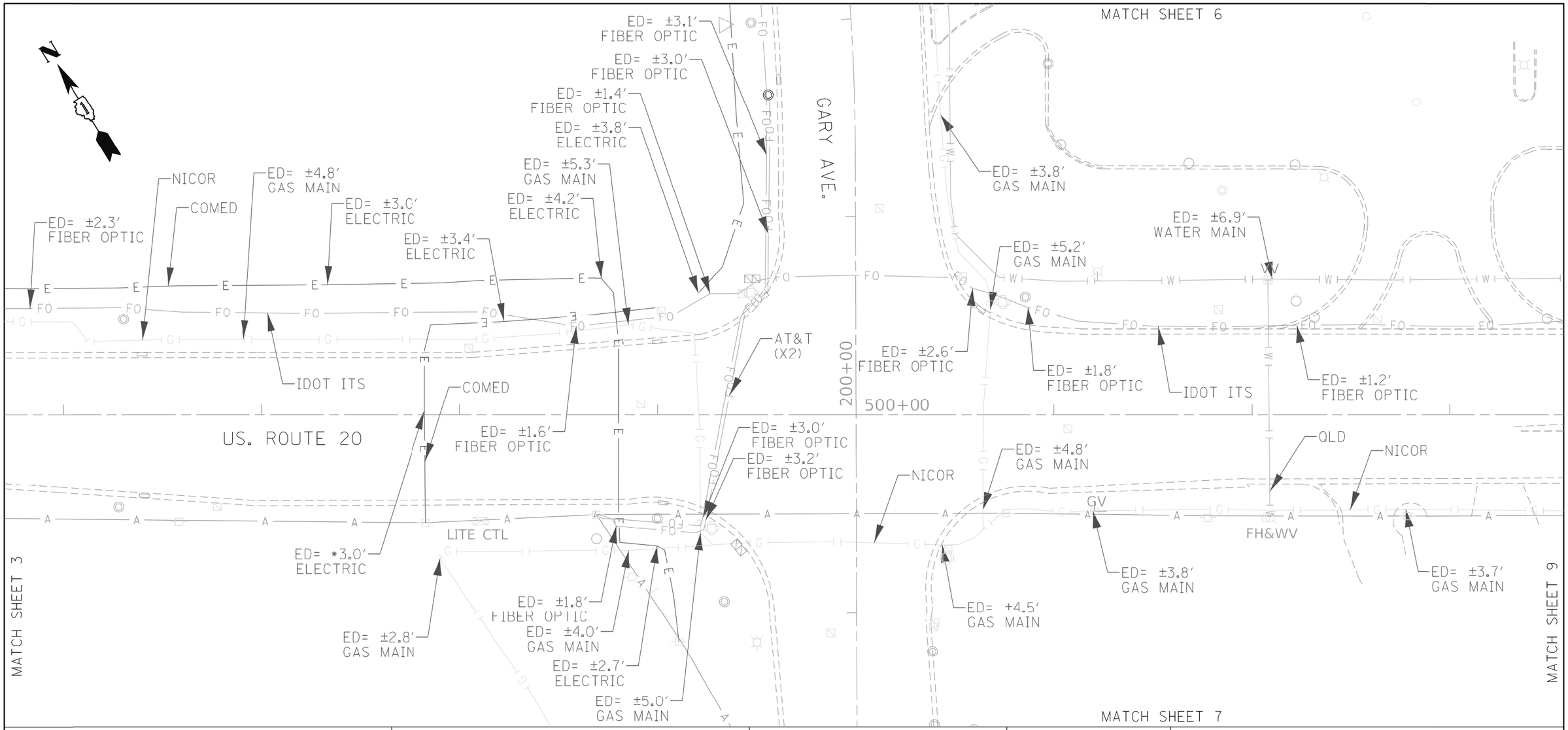
USER NAME = Erick.Maleza	DESIGNED -	REVISED -
	DRAWN - EM	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG	REVISED -
PLOT DATE = 8/8/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20 AT GARY AVE.
ROSELLE, ILLINOIS

SCALE: | SHEET 3 OF 10 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	85
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
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John J. Bellis
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USER NAME = Erick.Maleza	DESIGNED -	REVISED -
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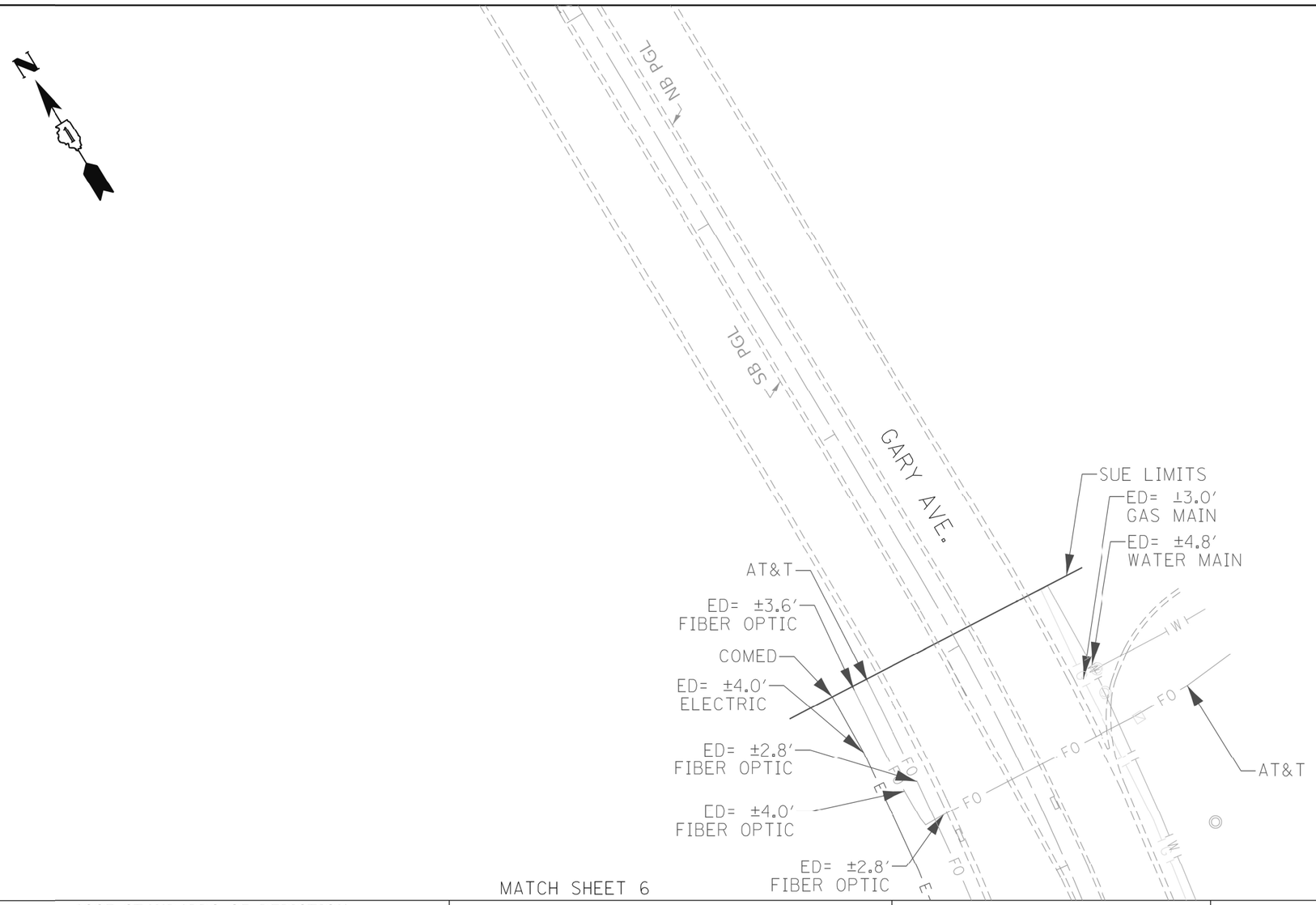
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG	REVISED -
PLOT DATE = 8/8/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20 AT GARY AVE.
ROSELLE, ILLINOIS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	86
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	



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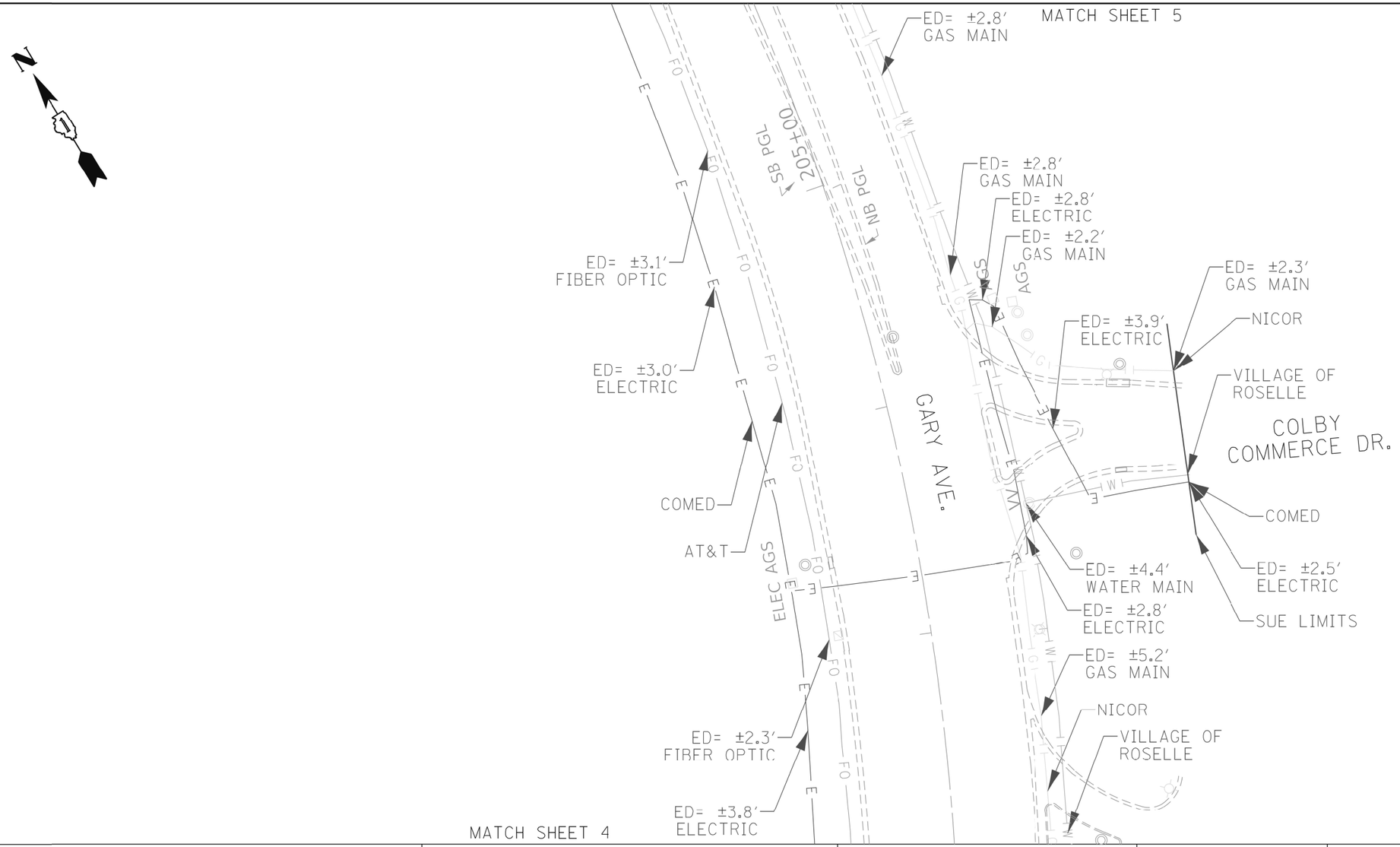
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20 AT GARY AVE.
ROSELLE, ILLINOIS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	87
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASURMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

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QUALITY LEVEL D (QLD)
INFORMATION DERIVED FROM EXISITNG RECORDS OR ORAL RECOLLECTIONS.

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JOHN J. BELLIS
062-044796
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signature

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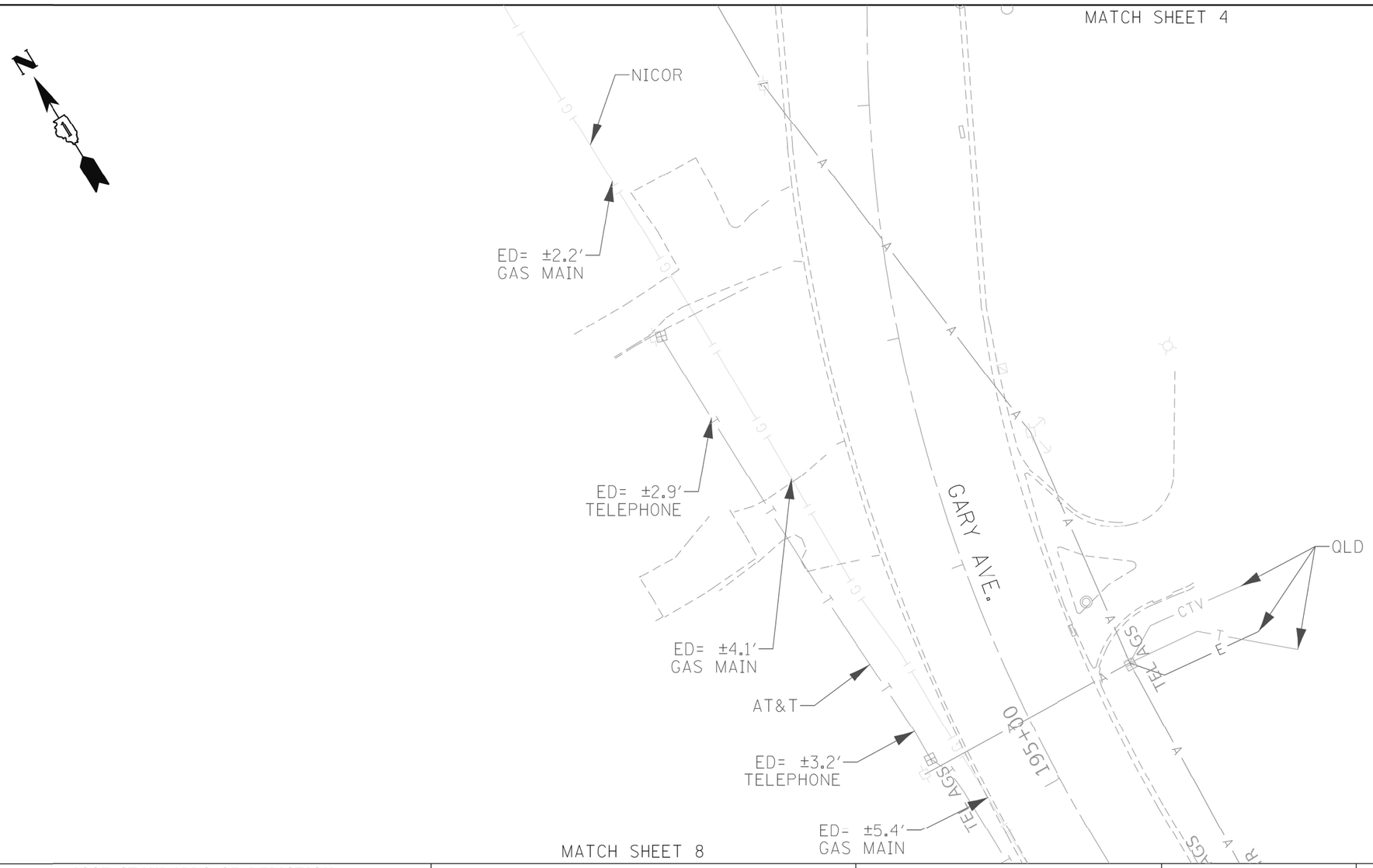
USER NAME = Erick.Maleza	DESIGNED -	REVISED -
	DRAWN - EM	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG	REVISED -
PLOT DATE = 8/8/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20 AT GARY AVE.
ROSELLE, ILLINOIS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	88
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



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JOHN J. BELLIS
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Signature

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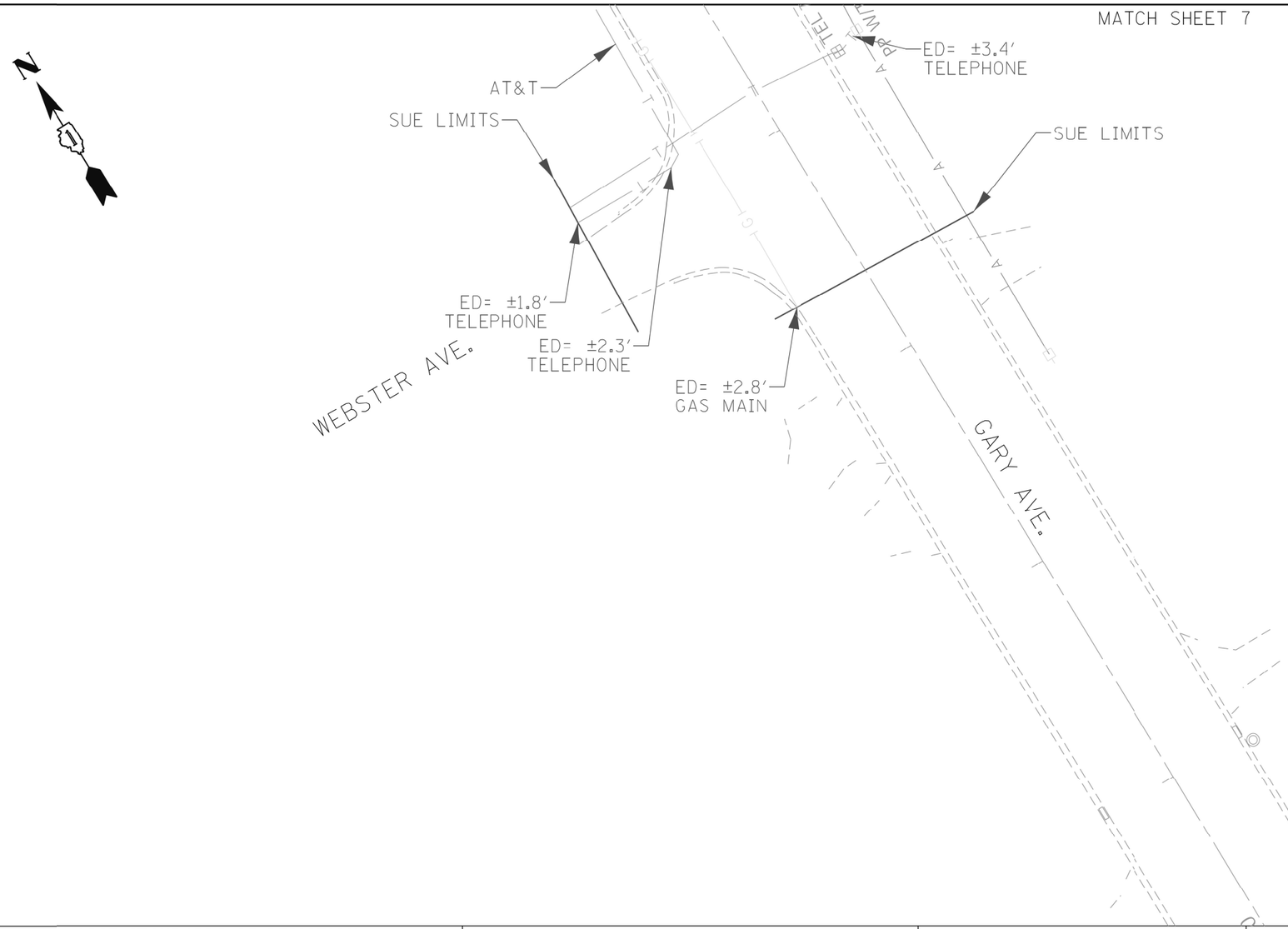
USER NAME = Erick.Maleza	DESIGNED -	REVISED -
	DRAWN - EM	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG	REVISED -
PLOT DATE = 8/8/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20 AT GARY AVE.
ROSELLE, ILLINOIS

SCALE: | SHEET 7 OF 10 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	89
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



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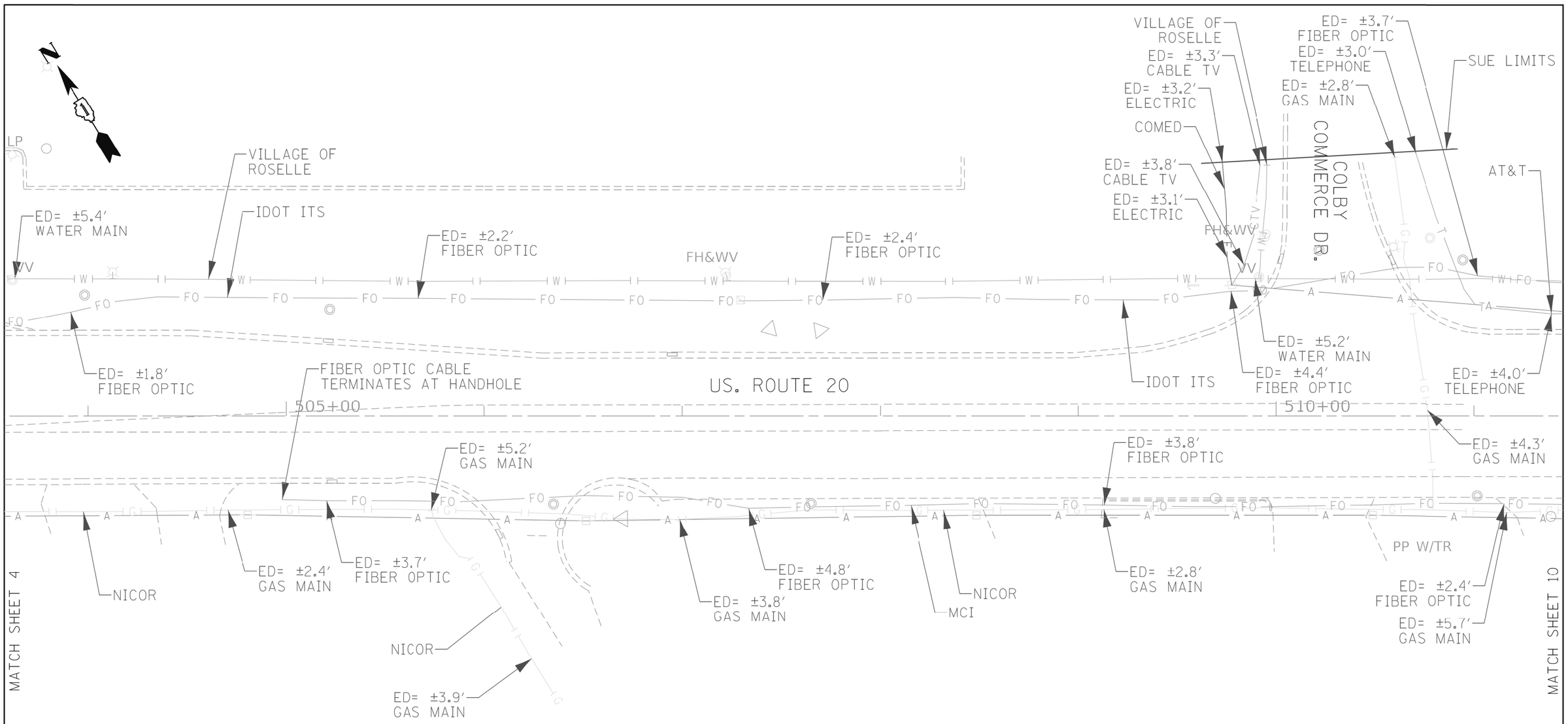
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20 AT GARY AVE.
ROSELLE, ILLINOIS

SCALE: | SHEET 8 OF 10 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	90
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



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SCALE: | SHEET 9 OF 10 SHEETS | STA. | TO STA.

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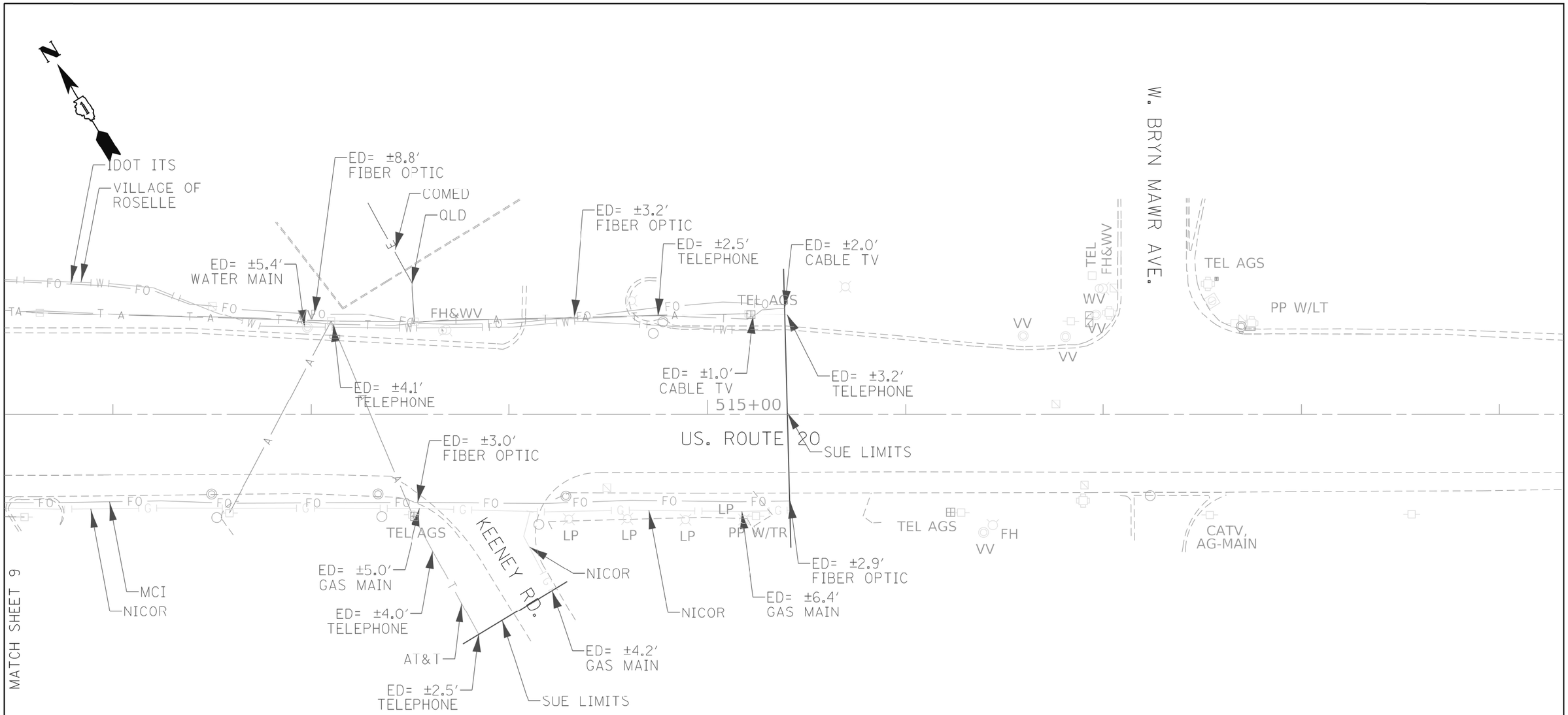
21	2019-131-TS&N	DUPAGE	173	91
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



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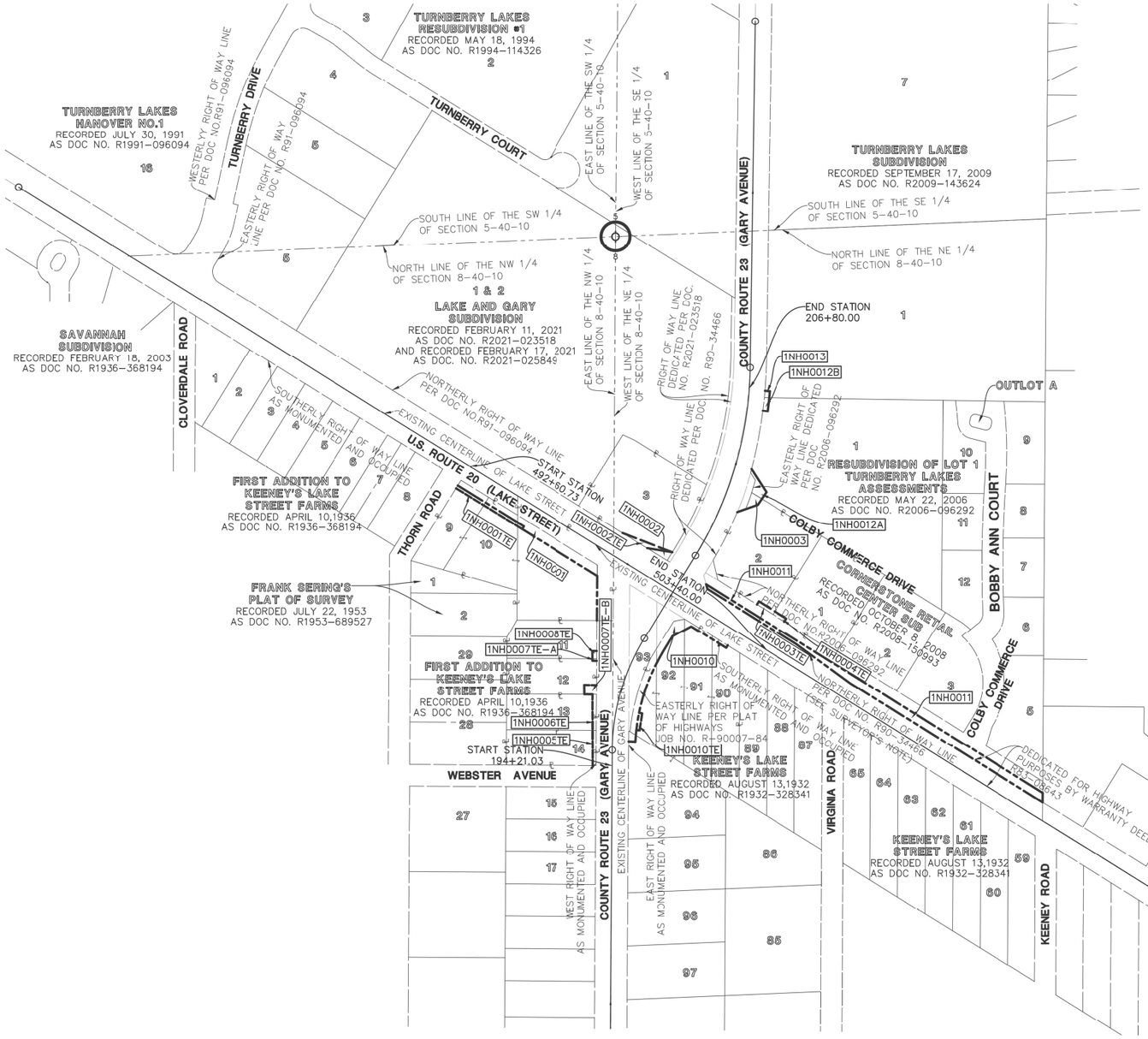

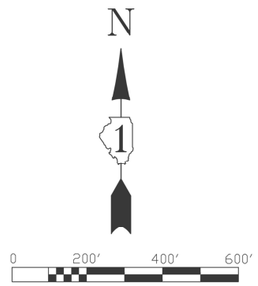

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
129.32' MEASURED DIMENSION
129.32'(COMP.) COMPUTED DIMENSION
( ) RECORD DATA
EXISTING BUILDING

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999750000
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED APRIL 15, 2019.

SURVEYOR'S NOTES:

NORTHERLY RIGHT OF WAY LINE PER IDOT PLANS OF SECTION 1983 202R JOB NO. R90007-84 AS REVISED MARCH 4, 1987 AND DOCUMENT NO. R90-34466

- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 BT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M **STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION

P.O.B. = POINT OF BEGINNING
P.O.C. = POINT OF COMMENCEMENT

STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS _____ DAY OF _____, A.D., 2021.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2022

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2023

REVISED: 01/12/2022 PER IDOT COMMENTS–PGA
REVISED: 10/26/2021 PER NEW TITLE–PGA
REVISED: 08/31/2021 PER NEW TITLE–PGA
REVISED: 06/16/2021 PER IDOT COMMENTS–PGA
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REVISED: 07/08/2019 PER IDOT COMMENTS – PJD

Manhard CONSULTING LTD
One Overlook Point, Suite 250, Lincolnshire, IL 60069 ph:847.634.0550 fx:847.634.0085 manhard.com
Civil Engineers • Surveyors • Water Resource Engineers • Water & Wastewater Engineers
Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: GARY AVENUE COUNTY: DUPAGE
SECTION: AT GARY AVENUE (F.A.U. 2561) JOB NO.:R-91-017-16
STA. 483+00 TO STA. 513+00 U.S ROUTE 20
SCALE: 1" = 200' SHEET 2 OF 11 SHEETS

IDOT USE ONLY

APPROVED
By coreanom at 11:18 am, Jan 18, 2022

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF NW 1/4 & NE 1/4 OF SECTION 8, TWP. 40 N., R. 10 E. OF THE THIRD P.M., IN DUPAGE COUNTY, ILLINOIS

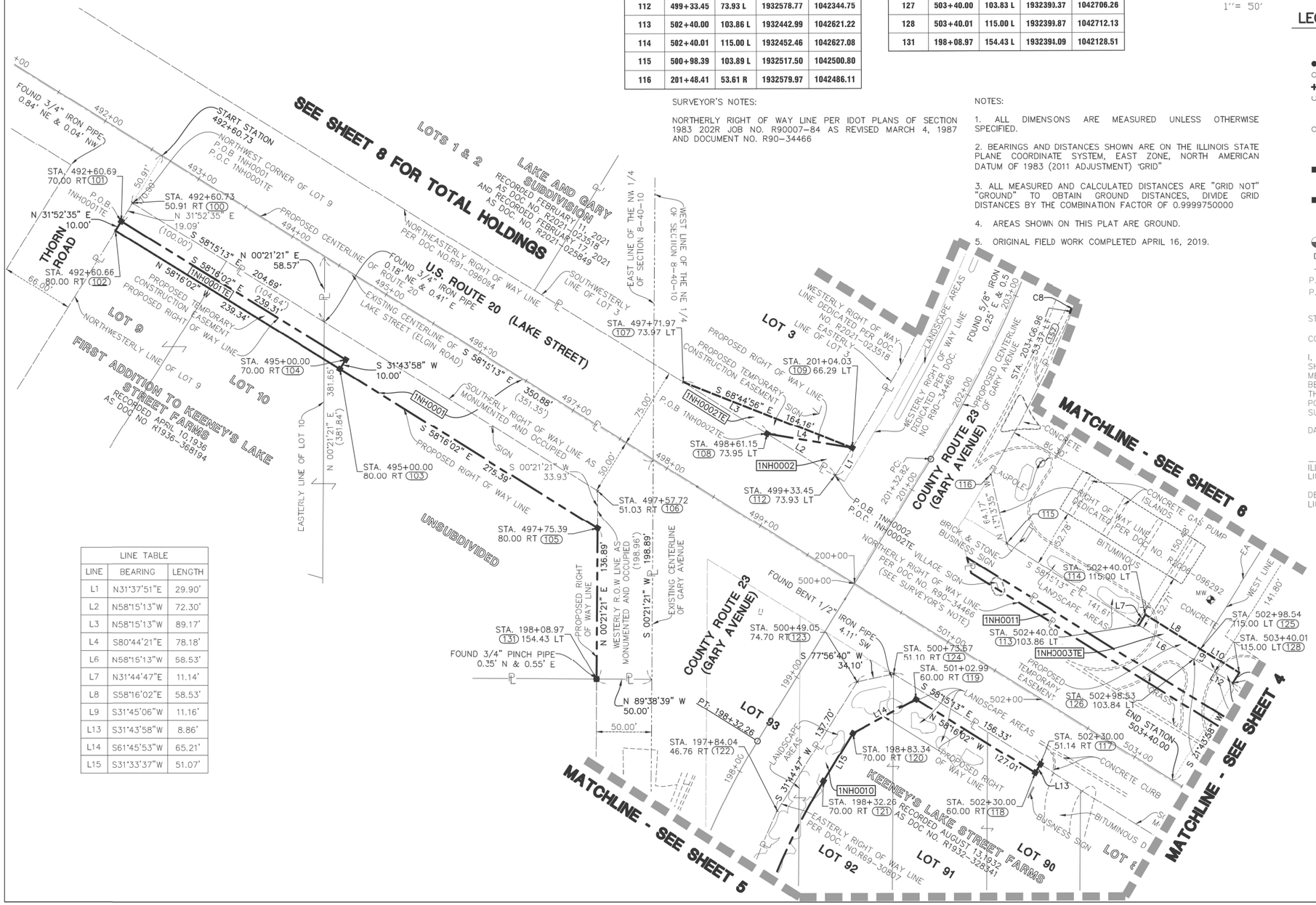
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PARCEL INDEX NUMBER
1NH0002	1.894	0.025	N/A	1.869	N/A	02-08-101-009(PT)
1NH0002TE		N/A	N/A	N/A	0.031	
1NH0001	3.558	0.863	0.581	2.695	N/A	02-08-103-001 02-08-103-002 02-08-103-008
1NH0001TE		N/A	N/A	N/A	0.055	
1NH0010	4.496	0.247	N/A	4.249	N/A	02-08-201-027(PT) 02-08-201-028
1NH0010TE		N/A	N/A	N/A	0.013	
1NH0003	1.613	0.030	N/A	1.583	N/A	02-08-217-005
1NH0003TE		N/A	N/A	N/A	0.015	
1NH0004TE	1.496	N/A	N/A	N/A	0.011	02-08-217-008

Point Table

Point #	Station	Offset	Northing	Easting
100	492+60.73	50.91 R	1932826.41	1041706.94
101	492+60.69	70.00 R	1932810.20	1041696.86
102	492+60.66	80.00 R	1932801.71	1041691.58
103	495+00.00	80.00 R	1932675.83	1041895.14
104	495+00.00	70.00 R	1932684.33	1041900.40
105	497+75.39	80.00 R	1932530.98	1042129.36
106	497+57.72	51.03 R	1932564.92	1042129.57
107	497+71.97	73.97 L	1932663.73	1042207.44
108	498+61.15	73.95 L	1932616.81	1042283.26
109	201+04.03	66.29 L	1932604.23	1042360.43
112	499+33.45	73.93 L	1932578.77	1042344.75
113	502+40.00	103.86 L	1932442.99	1042621.22
114	502+40.01	115.00 L	1932452.46	1042627.08
115	500+98.39	103.89 L	1932517.50	1042500.80
116	201+48.41	53.61 R	1932579.97	1042486.11

Point Table

Point #	Station	Offset	Northing	Easting
117	502+30.00	51.14 R	1932316.42	1042531.19
118	502+30.00	60.00 R	1932308.89	1042526.53
119	501+02.99	60.00 R	1932375.69	1042418.50
120	198+83.34	70.00 R	1932344.84	1042361.05
121	198+32.26	70.00 R	1932301.32	1042334.32
122	197+84.04	46.76 R	1932274.46	1042292.45
123	199+25.15	48.83 R	1932391.56	1042364.90
124	500+73.67	51.10 R	1932393.68	1042398.25
125	502+98.54	115.00 L	1932421.68	1042676.86
126	502+98.53	103.84 L	1932412.19	1042670.99
127	503+40.00	103.83 L	1932393.37	1042706.26
128	503+40.01	115.00 L	1932393.87	1042712.13
131	198+08.97	154.43 L	1932394.09	1042128.51



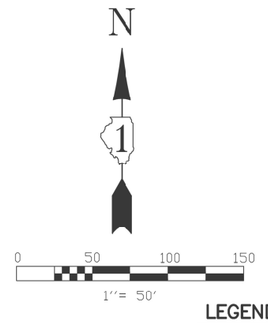
LINE TABLE		
LINE	BEARING	LENGTH
L1	N31°37'51"E	29.90'
L2	N58°15'13"W	72.30'
L3	N58°15'13"W	89.17'
L4	S80°44'21"E	78.18'
L6	N58°15'13"W	58.53'
L7	N31°44'47"E	11.14'
L8	S58°16'02"E	58.53'
L9	S31°45'06"W	11.16'
L13	S31°43'58"W	8.86'
L14	S61°45'53"W	65.21'
L15	S31°33'37"W	51.07'

SURVEYOR'S NOTES:

NORTHERLY RIGHT OF WAY LINE PER IDOT PLANS OF SECTION 1983 202R JOB NO. R90007-84 AS REVISED MARCH 4, 1987 AND DOCUMENT NO. R90-34466

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999750000
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED APRIL 16, 2019.



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32' — MEASURED DIMENSION
- 129.32'(COMP.) — COMPUTED DIMENSION
- ( ) — RECORD DATA
- EXISTING BUILDING

- ● IRON ROD SET
- ○ IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ○ T1, T2, T3 — **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ○ BT1, BT2, BT3 — **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER
- ■ M — **STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.
- ☼ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT
- ⊕ PK NAIL SET
- ○ REPLACED AFTER CONSTRUCTION

STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS _____ DAY OF _____, A.D., 2021.

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PLAT OF HIGHWAYS

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U.S. ROUTE 20

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SECTION: AT GARY AVENUE (F.A.U. 2561) — JOB NO.: R-91-017-16
STA. 492+00 TO STA. 503+00
SCALE: 1" = 50' — SHEET 3 OF 11 SHEETS

IDOT USE ONLY

APPROVED
By coreanom at 11:18 am, Jan 18, 2022

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT17-WO14 SB

TOTAL SHEETS	SHEET NO.
173	94

PART OF NW 1/4 & NE 1/4 OF SECTION 8, TWP. 40 N., R. 10 E. OF THE THIRD P.M., IN DUPAGE COUNTY, ILLINOIS

LINE TABLE		
LINE	BEARING	LENGTH
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L7	N31°44'47"E	11.14'
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L9	S31°45'06"W	11.16'
L10	S58°16'02"E	41.47'
L11	S31°44'47"W	11.17'
L12	N58°15'13"W	41.47'
L13	S31°43'58"W	8.86'
L14	S61°45'53"W	65.21'
L15	S31°33'37"W	51.07'
L56	N70°25'42"E	26.90'
L57	S58°15'13"E	37.13'
L58	N34°02'02"E	22.23'
L59	N70°25'36"E	67.08'
L60	S32°43'27"E	26.88'
L61	N32°43'25"W	84.70'
L62	N34°02'02"E	25.13'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PARCEL INDEX NUMBER
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1NH0003	1.613	0.030	N/A	1.583	N/A	02-08-217-005
1NH0003TE		N/A	N/A	N/A	0.015	

CURVE TABLE				
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD
C8	1266.24'	4.07'	N22°51'20"E	4.07'
C9	1286.24'	29.48'	N21°18'01"E	29.48'
C10	1470.40'	21.21'	N17°39'59"E	21.21'
C11	1470.40'	40.04'	N16°28'23"E	40.04'

N

1

0 50 100 150

1"= 50'

Point Table				
Point #	Station	Offset	Northing	Easting
106	497+57.72	51.03 R	1932564.92	1042129.57
108	498+61.15	73.95 L	1932616.81	1042283.26
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127	503+40.00	103.83 L	1932390.37	1042706.26
128	503+40.01	115.00 L	1932399.87	1042712.13
157	203+06.96	53.37 R	1932728.15	1042560.65
158	203+48.40	103.75 R	1932750.62	1042623.85
159	203+68.14	109.06 R	1932769.04	1042636.29
160	203+90.25	115.51 R	1932789.87	1042650.36
164	203+75.41	72.77 R	1932788.58	1042604.71
165	203+27.81	73.45 R	1932740.90	1042587.57
166	203+10.84	53.38 R	1932731.89	1042562.23

SECTION CORNER

QUARTER SECTION CORNER

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SURVEYOR'S NOTES:

NORTHERLY RIGHT OF WAY LINE PER IDOT PLANS OF SECTION 1983 202R JOB NO. R90007-84 AS REVISED MARCH 4, 1987 AND DOCUMENT NO. R90-34466

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DATED AT LINCOLNSHIRE, ILLINOIS THIS _____ DAY OF _____, A.D., 2021.

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MATCHLINE - SEE SHEET 6

MATCHLINE - SEE SHEET 3

MATCHLINE - SEE SHEET 5

SEE SHEET 9 FOR TOTAL HOLDINGS

SEE SHEET 9 FOR TOTAL HOLDINGS

COUNTY ROUTE 23 (GARY AVENUE)

KEENEY'S LAKE STREET FARMS

U.S. ROUTE 20 (LAKE STREET)

LOT 1 RESUBDIVISION OF LOT 1 TURNBERRY LAKES ASSESSMENTS RECORDED MAY 22, 2006 AS DOC NO. R2006-096292

LOT 2 RESUBDIVISION OF LOT 1 TURNBERRY LAKES ASSESSMENTS RECORDED MAY 22, 2006 AS DOC NO. R2006-096292

CORNERSTONE RETAIL CENTER SUB RECORDED OCTOBER 8, 2008 AS DOC NO. R2008-150993

LOT 93, LOT 92, LOT 91, LOT 90, LOT 89, LOT 88, LOT 87, LOT 3

UNSUBDIVIDED (SEE SHEET 7)

DETAIL
1"=20'
ONE STORY BRICK & STONE COMMERCIAL BUILDING

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1NH0012A	6.240	N/A	N/A	6.184	0.042	02-08-217-001
1NH0012B		N/A	N/A		0.014	

IDOT USE ONLY

APPROVED
By coreanom at 11:18 am, Jan 18, 2022

Manhard CONSULTING LTD
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PLAT OF HIGHWAYS
STATE OF ILLINOIS
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U.S. ROUTE 20

LIMITS: GARY AVENUE — COUNTY: DUPAGE
SECTION: AT GARY AVENUE (F.A.U. 2561) — JOB NO.: R-91-017-16
STA. 499+00 TO STA. 509+
SCALE: 1" = 50' — SHEET 4 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT17-WO14 SB — TOTAL SHEETS 173 — SHEET NO. 95

PART OF NW 1/4 & NE 1/4 OF SECTION 8, TWP. 40 N., R. 10 E. OF THE THIRD P.M., IN DUPAGE COUNTY, ILLINOIS

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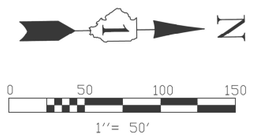
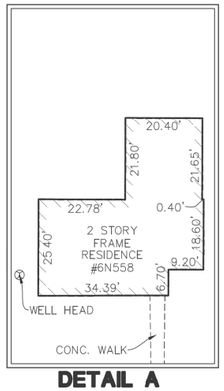
1NH0010	4.496	0.247	N/A	4.249	N/A	02-08-201-027(PT) 02-08-201-028
1NH0010TE		N/A	N/A	N/A	0.013	
1NH0008TE	0.745	N/A	N/A	0.745	0.007	02-08-103-009
1NH0007TE-A	0.706	N/A	N/A	N/A	0.002	02-08-103-010
1NH0007TE-B		N/A	N/A	N/A	0.025	
1NH0006TE	0.706	N/A	N/A	N/A	0.030	02-08-103-011
1NH0005TE	0.706	N/A	N/A	N/A	0.027	02-08-103-012

LINE TABLE		
LINE	BEARING	LENGTH
L1	N31°37'51"E	29.90'
L2	N58°15'13"W	72.30'
L3	N58°15'13"W	89.17'
L4	S80°44'21"E	78.18'
L16	N89°39'14"W	13.29'
L17	N00°00'22"W	23.77'
L18	S89°38'39"E	13.44'
L19	S00°21'21"W	23.77'
L20	S00°21'21"W	6.23'
L21	N89°38'39"W	13.25'
L22	N00°00'22"W	6.23'
L23	S00°21'21"W	29.33'
L24	N89°39'14"W	37.33'
L25	N00°12'13"W	29.67'
L26	S89°08'46"E	37.62'
L27	S00°21'21"W	109.96'
L28	S00°21'21"W	109.96'
L29	N89°39'14"W	10.18'

LINE TABLE		
LINE	BEARING	LENGTH
L30	S89°39'14"E	12.32'
L31	N00°12'13"W	109.97'
L32	N00°12'13"W	109.97'
L33	N89°39'14"W	11.25'
L34	S31°43'58"W	8.86'
L35	N58°16'02"W	127.01'
L36	S61°45'53"W	65.21'
L37	S00°20'33"W	33.97'
L39	S31°33'37"W	51.07'
L40	S78°21'33"E	10.00'
L41	S09°05'23"W	52.35'
L42	N83°27'40"W	10.00'
L43	N86°56'10"W	20.55'
L44	N00°21'21"E	32.19'
L45	S58°18'09"E	4.40'
L46	S31°44'47"W	137.70'
L47	S77°56'40"W	34.10'
L48	S58°15'13"E	156.33'

CURVE TABLE				
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD
C3	598.07'	207.92'	S21°36'01"W	206.87'
C4	713.94'	232.78'	S15°35'46"W	231.75'
C5	598.07'	53.26'	S09°05'23"W	53.24'
C6	598.07'	36.27'	S04°43'05"W	36.27'
C7	598.07'	297.45'	S17°18'42"W	294.39'





DETAIL A
1"=20'

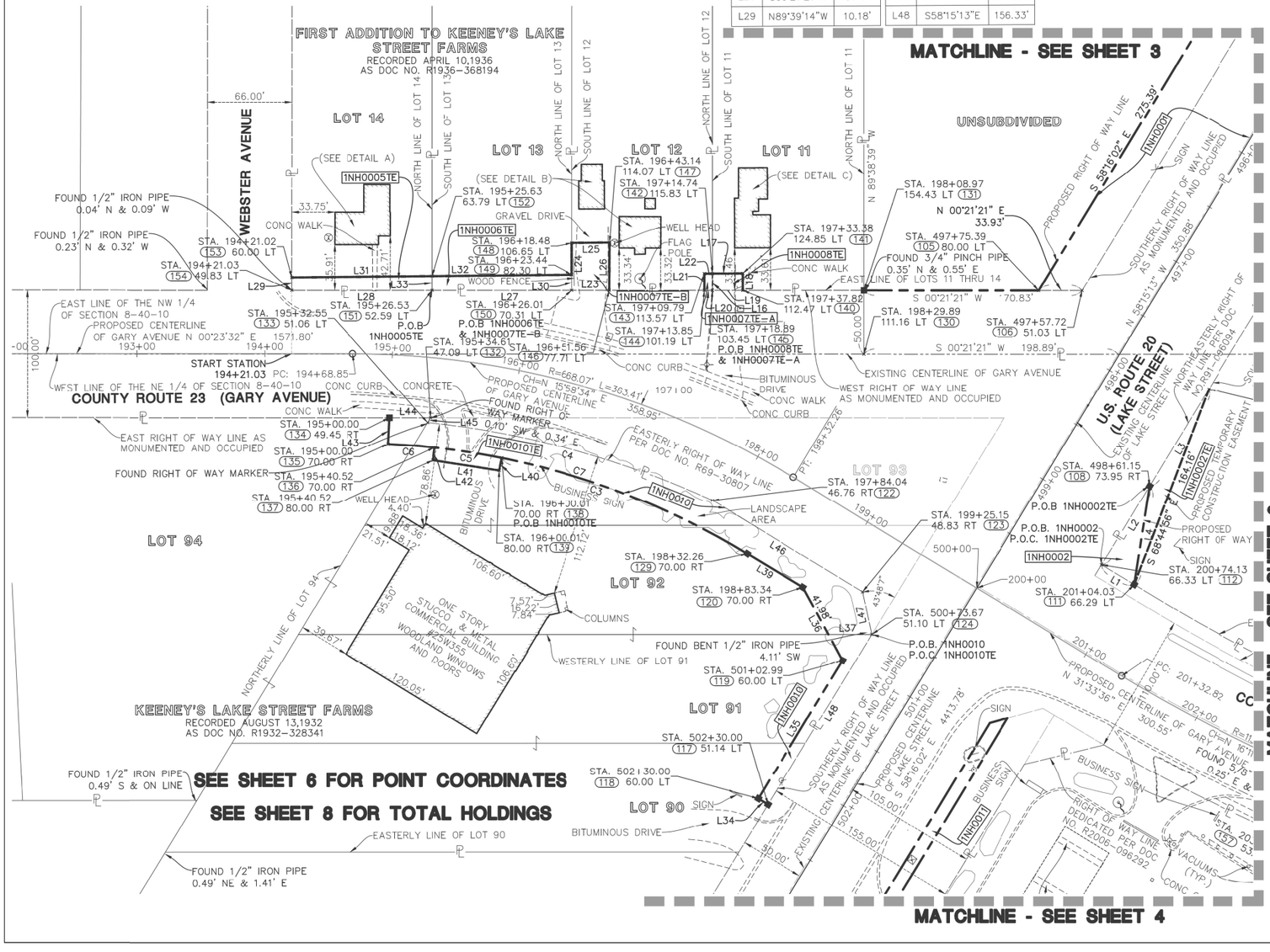
SECTION CORNER

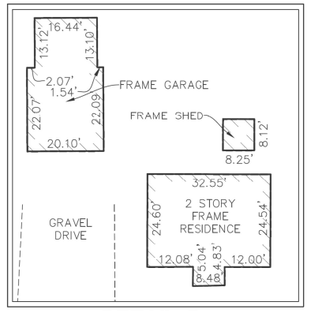
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
129.32' MEASURED DIMENSION
129.32'(COMP.) COMPUTED DIMENSION
( ) RECORC DATA
EXISTING BUILDING

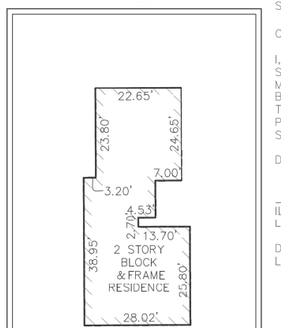
LEGEND

- ● IRON ROD SET
- ○ IRON PIPE OR ROD FOUND
- \+ CUT CROSS FOUND OR SET
- ○ T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ○ BT1 DT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.
- ◇ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT
- ┼ PK NAIL SET
- ○ REPLACED AFTER CONSTRUCTION





DETAIL B
1"=20'



DETAIL C
1"=20'

NOTES:

1. ALL DIMENSIONS ARE MEASJRED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999750000
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED APRIL 15, 2019.

STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS _____ DAY OF _____, A.D., 2021.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2022

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2023

REVISED: 01/12/2022 PER IDOT COMMENTS-PGA
REVISED: 10/26/2021 PER NEW TITLE-PGA
REVISED: 08/31/2021 PER NEW TITLE-PGA
REVISED: 06/16/2021 PER IDOT COMMENTS-PGA
REVISED: 06/01/2021 PER IDOT COMMENTS-PGA
REVISED: 05/28/2021 PER IDOT COMMENTS-PGA
REVISED: 02/20/2020 PER IDOT COMMENTS-PJD
REVISED: 01/15/2020 PER IDOT COMMENTS - PJD
REVISED: 01/06/2020 PER IDOT COMMENTS - PJD
REVISED: 07/30/2019 PER IDOT COMMENTS - PJD
REVISED: 07/10/2019 PER NEW TITLE - PJD
REVISED: 07/08/2019 PER IDOT COMMENTS - PJD

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One Overlook Point, Suite 290, Lincolnshire, IL 60069 ph 847.634.5950 fx 847.634.0066 manhard.com
Civil Engineers • Surveyors • Water Resource Engineers • Water & Wastewater Engineers
Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: GARY AVENUE COUNTY: DUPAGE
SECTION: AT GARY AVENUE (F.A.U. 2561) JOB NO.: R-91-017-16
STA. 193+00 TO STA. 202+00
SCALE: 1" = 50' SHEET 5 OF 11 SHEETS

IDOT USE ONLY

APPROVED
By coreanom at 11:18 am, Jan 18, 2022

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT17-WO14 SB

TOTAL SHEETS 173 SHEET NO. 96

PART OF SE 1/4 & SW 1/4 OF SECTION 5, & NW 1/4 & NE 1/4 OF SECTION 8, TWP. 40 N., R. 10 E. OF THE THIRD P.M., IN DUPAGE COUNTY, ILLINOIS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PARCEL INDEX NUMBER
1NH0002	1.894	0.025	N/A	1.869	N/A	02-08-101-009(PT)
1NH0002TE		N/A	N/A	N/A	0.031	
1NH0003	1.613	0.030	N/A	1.583	N/A	02-08-217-005
1NH0003TE		N/A	N/A	N/A	0.015	
1NH0012A	6.240	0.042	N/A	6.184	N/A	02-08-217-001
1NH0012B		0.014	N/A		N/A	
1NH0013	10.675	0.007 (307 SQ. FT.)	N/A	10.668	N/A	02-08-217-011

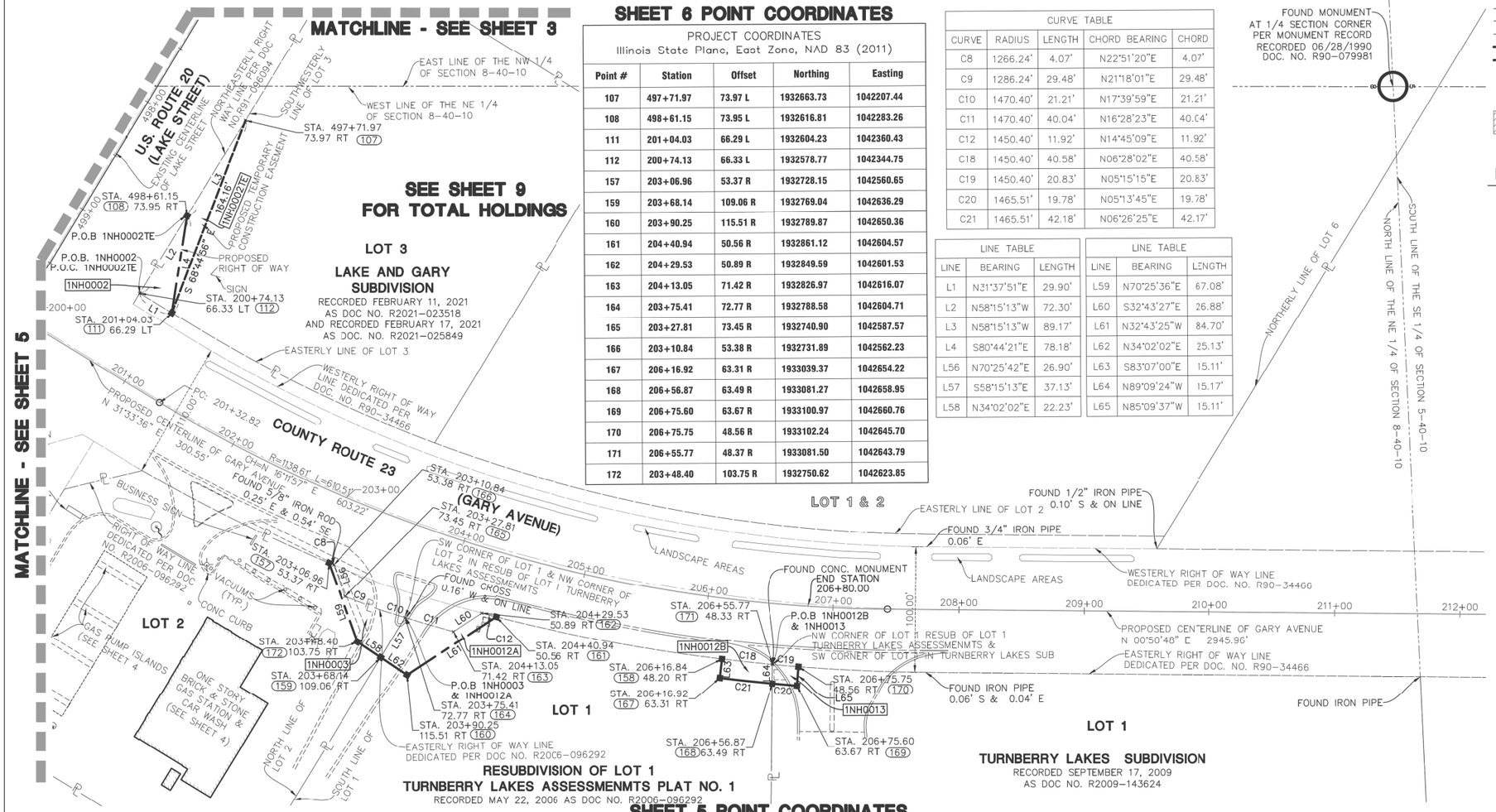
NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999750000
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED APRIL 15, 2019.

N

0 50 100 150

1"= 50'



SHEET 6 POINT COORDINATES

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

Point #	Station	Offset	Northing	Easting
107	497+71.97	73.97 L	1932663.73	1042207.44
108	498+61.15	73.95 L	1932616.81	1042283.26
111	201+04.03	66.29 L	1932604.23	1042360.43
112	200+74.13	66.33 L	1932578.77	1042344.75
157	203+06.96	53.37 R	1932728.15	1042560.65
159	203+68.14	109.06 R	1932769.04	1042636.29
160	203+90.25	115.51 R	1932789.87	1042650.36
161	204+40.94	50.56 R	1932861.12	1042604.57
162	204+29.53	50.89 R	1932849.59	1042601.53
163	204+13.05	71.42 R	1932826.97	1042616.07
164	203+75.41	72.77 R	1932788.58	1042604.71
165	203+27.81	73.45 R	1932740.90	1042587.57
166	203+10.84	53.38 R	1932731.89	1042562.23
167	206+16.92	63.31 R	1933039.37	1042654.22
168	206+56.87	63.49 R	1933081.27	1042658.95
169	206+75.60	63.67 R	1933100.97	1042660.76
170	206+75.75	48.56 R	1933102.24	1042645.70
171	206+55.77	48.37 R	1933081.50	1042643.79
172	203+40.40	103.75 R	1932750.62	1042623.85

CURVE TABLE				
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD
C8	1266.24'	4.07'	N22°51'20"E	4.07'
C9	1286.24'	29.48'	N21°18'01"E	29.48'
C10	1470.40'	21.21'	N17°39'59"E	21.21'
C11	1470.40'	40.04'	N16°28'23"E	40.04'
C12	1450.40'	11.92'	N14°45'09"E	11.92'
C18	1450.40'	40.58'	N06°28'02"E	40.58'
C19	1450.40'	20.83'	N05°15'15"E	20.83'
C20	1465.51'	19.78'	N05°13'45"E	19.78'
C21	1465.51'	42.18'	N06°26'25"E	42.17'

LINE TABLE		
LINE	BEARING	LENGTH
L1	N31°37'51"E	29.90'
L2	N58°15'13"W	72.30'
L3	N58°15'13"W	89.17'
L4	S80°44'21"E	78.18'
L56	N70°25'42"E	26.90'
L57	S58°15'13"E	37.13'
L58	N34°02'02"E	22.23'

LINE TABLE		
LINE	BEARING	LENGTH
L59	N70°25'36"E	67.08'
L60	S32°43'27"E	26.88'
L61	N32°43'25"W	84.70'
L62	N34°02'02"E	25.13'
L63	S83°07'00"E	15.11'
L64	N89°09'24"W	15.17'
L65	N85°09'37"W	15.11'

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
CENTER_LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
129.32' MEASURED DIMENSION
129.32'(COMP.) COMPUTED DIMENSION
( ) RECORD DATA
EXISTING BUILDING

LEGEND

- ● IRON ROD SET
- ○ IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ○ T1, T2, T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ○ BT1, BT2, BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.
- ◇ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT
- ⊕ PK NAIL SET
- ○ REPLACED AFTER CONSTRUCTION

STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOJND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS _____ DAY OF _____, A.D., 2021.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2022

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2023

REVISED: 01/12/2022 PER IDOT COMMENTS-PGA
REVISED: 10/26/2021 PER NEW TITLE-PGA
REVISED: 08/31/2021 PER NEW TITLE-PGA
REVISED: 06/16/2021 PER IDOT COMMENTS-PGA
REVISED: 06/01/2021 PER IDOT COMMENTS-PGA
REVISED: 05/28/2021 PER IDOT COMMENTS-PGA
REVISED: 02/20/2020 PER IDOT COMMENTS-PJD
REVISED: 01/15/2020 PER IDOT COMMENTS - PJD
REVISED: 01/06/2020 PER IDOT COMMENTS - PJD
REVISED: 07/30/2019 PER IDOT COMMENTS - PJD
REVISED: 07/10/2019 PER NEW TITLE - PJD
REVISED: 07/08/2019 PER IDOT COMMENTS - PJD

SHEET 5 POINT COORDINATES

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

Point #	Station	Offset	Northing	Easting
105	497+75.39	80.00 R	1932530.98	1042129.36
106	497+57.72	51.03 R	1932564.92	1042129.57
107	497+71.97	73.97 L	1932663.73	1042207.44
108	498+61.15	73.95 L	1932616.81	1042283.26
111	201+04.03	66.29 L	1932604.23	1042360.43
112	200+74.13	66.33 L	1932578.77	1042344.75
117	502+30.00	51.14 R	1932316.42	1042531.19
118	502+30.00	60.00 R	1932308.89	1042526.53
119	501+02.99	60.00 R	1932375.69	1042418.50
120	198+83.34	70.00 R	1932344.84	1042361.05
122	500+49.02	212.40 R	1932274.46	1042292.45

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

Point #	Station	Offset	Northing	Easting
123	199+25.15	48.83 R	1932391.56	1042364.90
124	500+73.67	51.10 R	1932398.68	1042398.25
129	198+32.26	70.00 R	1932301.32	1042334.32
130	198+29.89	111.16 L	1932393.78	1042178.51
131	198+08.97	154.43 L	1932394.09	1042128.51
132	195+34.61	47.09 R	1932053.55	1042226.40
133	195+32.55	51.06 R	1932051.24	1042230.14
134	195+00.00	49.45 R	1932021.36	1042226.20
135	195+00.00	70.00 R	1932020.27	1042246.72
136	195+40.52	70.00 R	1932056.41	1042249.75
137	195+40.52	80.00 R	1932055.27	1042259.69

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

Point #	Station	Offset	Northing	Easting
138	196+00.01	80.00 R	1932106.96	1042267.96
139	196+00.01	70.00 R	1932108.98	1042258.17
140	197+37.82	112.47 L	1932299.04	1042127.92
141	197+33.38	124.85 L	1932299.12	1042114.48
142	197+14.74	115.83 L	1932275.35	1042114.48
143	197+09.79	113.57 L	1932269.12	1042114.48
144	197+13.85	101.19 L	1932269.04	1042127.73
145	197+18.89	103.45 L	1932275.27	1042127.77
146	196+51.56	77.71 L	1932194.65	1042127.27
147	196+43.14	114.07 L	1932195.21	1042089.66
148	196+18.48	106.65 L	1932165.54	1042089.76

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

Point #	Station	Offset	Northing	Easting
149	196+23.44	82.30 L	1932165.39	1042114.76
150	196+26.01	70.31 L	1932165.31	1042127.09
151	195+26.53	52.59 L	1932055.35	1042126.40
152	195+25.63	63.79 L	1932055.42	1042115.15
153	194+21.02	60.01 L	1931945.46	1042115.55
154	194+21.03	49.83 L	1931945.40	1042125.72
160	203+90.25	115.51 R	1932789.87	1042650.36

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Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: GARY AVENUE
SECTION: AT GARY AVENUE (F.A.U. 2561)
STA. 200+00 TO STA. 212+00
SCALE: 1" = 50'
COUNTY: DUPAGE
JOB NO.: R-91-017-16
SHEET 6 OF 11 SHEETS

IDOT USE ONLY

APPROVED
By coreanom at 11:18 am, Jan 18, 2022

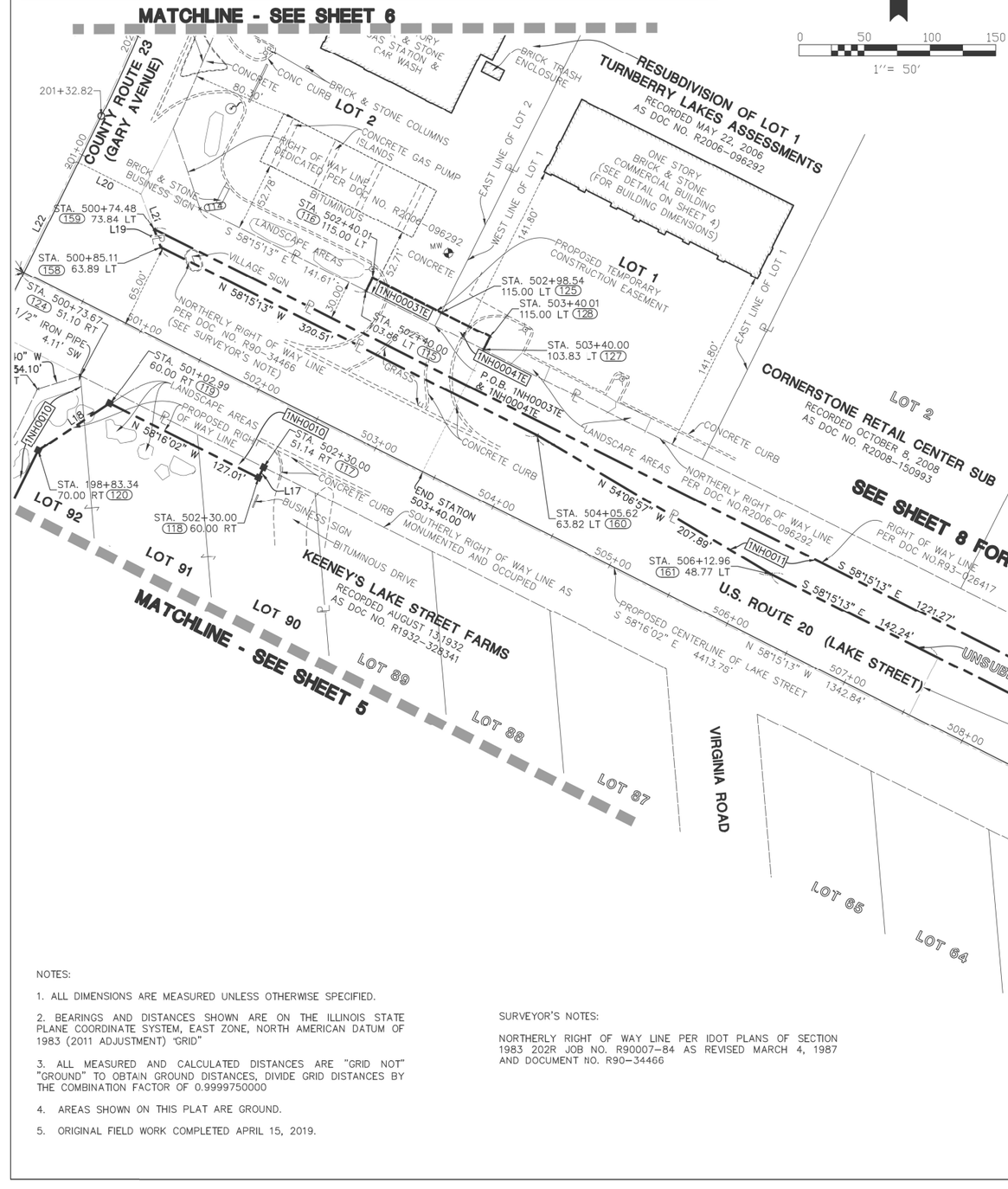
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT17-W014 SB

TOTAL SHEETS 173 SHEET NO. 97

PART OF NE 1/4 OF SECTION 8, TWP. 40 N., R. 10 E. OF THE THIRD P.M., IN DUPAGE COUNTY, ILLINOIS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PARCEL INDEX NUMBER
1NH0011	0.554	0.554	N/A	0.000	N/A	02-08-200-013
1NH0010	4.496	0.247	N/A	4.249	N/A	02-08-201-027(PT) 02-08-201-028
1NH0010TE		N/A	N/A	N/A	0.013	
1NH0003	1.613	0.030	N/A	1.583	N/A	02-08-217-005
1NH0003TE		N/A	N/A	N/A	0.015	
1NH0004TE	1.496	N/A	N/A	N/A	0.011	02-08-217-008



Point Table				
Point #	Station	Offset	Northing	Easting
114	0+00.00	0.00	1932517.50	1042500.80
115	502+40.00	103.86 L	1932442.99	1042621.22
116	502+40.01	115.00 L	1932452.46	1042627.08
117	502+30.00	51.14 R	1932316.42	1042531.19
118	502+30.00	60.00 R	1932308.89	1042526.53
119	501+02.99	60.00 R	1932375.69	1042418.50
120	198+83.34	70.00 R	1932344.84	1042361.05
123	199+25.15	48.83 R	1932391.56	1042364.90
124	500+73.67	51.10 R	1932398.68	1042398.25
125	502+98.54	115.00 L	1932421.68	1042676.86
127	503+40.00	103.83 L	1932390.37	1042706.26
128	503+40.01	115.00 L	1932399.87	1042712.13
158	500+85.11	63.89 L	1932490.47	1042468.46
159	500+74.43	73.90 L	1932504.59	1042464.64
160	504+05.62	63.82 L	1932321.83	1042741.02
161	506+12.96	48.77 L	1932199.97	1042909.45
162	512+95.69	73.61 L	1931862.01	1043503.18
163	513+10.93	48.60 L	1931832.73	1043503.00

LINE TABLE		
LINE	BEARING	LENGTH
L17	S31°43'58"W	8.86'
L18	S61°45'53"W	65.21'
L19	N15°09'08"W	14.64'
L20	N58°22'09"W	55.00'
L21	S15°09'08"E	28.80'

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RICHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
129.32' MEASURED DIMENSION
129.32'(COMP.) COMPUTED DIMENSION
( ) RECORD DATA
EXISTING BUILDING

LEGEND

- ● IRON ROD SET
- ○ IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ○ T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ○ BT1 BT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.
- ☼ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT
- ♦ PK NAIL SET
- ○ REPLACED AFTER CONSTRUCTION

STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS _____ DAY OF _____, A.D., 2021.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2022

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2023

REVISED: 01/12/2022 PER IDOT COMMENTS–PGA
REVISED: 10/26/2021 PER NEW TITLE–PGA
REVISED: 08/31/2021 PER NEW TITLE–PGA
REVISED: 06/16/2021 PER IDOT COMMENTS–PGA
REVISED: 06/01/2021 PER IDOT COMMENTS–PGA
REVISED: 05/28/2021 PER IDOT COMMENTS–PGA
REVISED: 02/20/2020 PER IDOT COMMENTS–PJD
REVISED: 01/15/2020 PER IDOT COMMENTS – PJD
REVISED: 01/06/2020 PER IDOT COMMENTS – PJD
REVISED: 07/30/2019 PER IDOT COMMENTS – PJD
REVISED: 07/10/2019 PER NEW TITLE – PJD
REVISED: 07/08/2019 PER IDOT COMMENTS – PJD

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999750000
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED APRIL 15, 2019.

SURVEYOR'S NOTES:

NORTHERLY RIGHT OF WAY LINE PER IDOT PLANS OF SECTION 1983 202R JOB NO. R90007-84 AS REVISED MARCH 4, 1987 AND DOCUMENT NO. R90-34466

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Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: GARY AVENUE COUNTY: DUPAGE
SECTION: AT GARY AVENUE (F.A.U. 2561) JOB NO.: R-91-017-16
STA. 499+00 TO STA. 514+00
SCALE: 1" = 50' SHEET 7 OF 11 SHEETS

IDOT USE ONLY

APPROVED
By coreanom at 11:18 am, Jan 18, 2022

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF SE 1/4 & SW 1/4 OF SECTION 5, & NW 1/4 & NE 1/4 OF SECTION 8, TWP. 40 N., R. 10 E. OF THE THIRD P.M., IN DUPAGE COUNTY, ILLINOIS

CURVE TABLE					
CURVE	RADIUS	LENGTH	LENGTH REC	CHORD BEARING	CHORD
C1	1266.24'	170.05'	(170.05')	N26°36'39"E	169.92'
C2	1286.24'	29.48'	(29.48')	N21°18'01"E	29.48'
C3	1470.40'	21.21'	(21.21')	N17°39'59"E	21.21'
C4	713.94'	232.78'	(232.96')	S15°35'46"W	231.75'
C5	1470.40'	40.04'	(40.04')	N16°28'23"E	40.04'
C6	1450.40'	235.99'	(236.3')	N10°19'36"E	235.73'
C7	1450.40'	122.01'	(122.03')	N03°15'21"E	121.97'

LINE TABLE			
LINE	BEARING	LENGTH	LENGTH REC
L1	N13°13'35"W	64.17'	(64.08')
L2	N70°25'42"E	26.90	(27.03')
L3	S77°56'40"W	34.10'	(34.10')
L4	S31°44'47"W	137.70'	(137.81')
L5	N58°18'09"W	4.40'	(4.40')
L7	S58°18'09"E	47.61'	(47.60')
L8	S32°43'27"E	26.88	(26.73')

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999750000
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED APRIL 15, 2019.

N

0 100' 200' 300'

1"= 100'

MATCHLINE - SEE SHEET 11

LOT 16 TURNBERRY LAKES HANOVER NO.1 RECORDED JULY 30, 1991 AS DOC NO. R1991-096094

LOT 4

TURNBERRY LAKES RESUBDIVISION #1 RECORDED MAY 18, 1994 AS DOC NO. R1994-114326

LOT 5

50.00'

TURNBERRY COURT

LOT 1 TURNBERRY LAKES RESUBDIVISION #1 RECORDED MAY 18, 1994 AS DOC NO. R1994-114326

TURNBERRY RECORDE AS DOC

58.00'

(N 11°50'08" E) N 12°18'04" E (185.65') 185.64'

WESTERLY RIGHT OF WAY LINE PER DOC NO.R91-096094

(N 11°50'08" E) N 12°29'03" E (55.14') 55.40'

TURNBERRY DRIVE

(N S 58°14'59" W F 432.07' 432.02')

(N 78°09'52" W) N 77°14'58" W 15.84' (16.00')

CH=N 22°03'02" E 101.33' R=302.00' L=101.81' (L=102.07')

100.00'

LOT 5 TURNBERRY LAKES HANOVER NO.1 RECORDED JULY 30, 1991 AS DOC NO. R1991-096094

798.08' 798.00'

EASTERLY RIGHT OF WAY LINE PER DOC NO.R91-096094

CH=S 13°15'12" E 56.57' R=40.00' L=62.83'

N 31°42'30" E 43.03'

(405.00') 405.08' N 31°43'46" E

(N 31°42'03" E

SOUTH LINE OF THE SW 1/4 OF SECTION 5-40-10

NORTH LINE OF THE NW 1/4 OF SECTION 8-40-10

EAST LINE OF THE SW 1/4 OF SECTION 5-40-10

WEST LINE OF THE SE 1/4 OF SECTION 5-40-10

S 58°14'54" E (S 59°47'57" E) 1100.34'

100.00'

50.00' 50.00'

SOUTH LINE OF THE SE 1/4 OF SECTION 5-40-10

NORTH LINE OF THE NE 1/4 OF SECTION 8-40-10

EAST LINE OF THE NW 1/4 OF SECTION 8-40-10

WEST LINE OF THE NE 1/4 OF SECTION 8-40-10

394.93'

N 00°50'48" E

WESTERLY RIGHT OF WAY LINE DEDICATED PER DOC. NO. R90-34466

(S 00°50'33" W 89.41') S 00°50'48" W 169.28'

110.00'

60.00' 50.00'

TURN

LOT 122

LOT 123

SAVANNAH SUBDIVISION RECORDED FEBRUARY 18, 2003 AS DOC NO. R2003-062825

CLOVERDALE ROAD

N 58°15'13" W 230.04'

NORTHERLY RIGHT OF WAY LINE PER DOC NO.R91-096094

50.00' 75.00' 125.00'

LOT 1 LOT 2 LOT 3 LOT 4 LOT 5 LOT 6 LOT 7 LOT 8

FIRST ADDITION TO KEENEY'S LAKE STREET FARMS RECORDED APRIL 10,1936 AS DOC NO. R1936-368194

LAKE AND GARY SUBDIVISION RECORDED FEBRUARY 11, 2021 AS DOC NO. R2021-023518 AND RECORDED FEBRUARY 17, 2021 AS DOC NO. R2021-025849

LOTS 1 & 2

NORTHERLY RIGHT OF WAY LINE PER DOC NO.R91-096094

SOUTHERLY RIGHT OF WAY LINE AS MONUMENTED AND OCCUPIED

EXISTING CENTERLINE OF LAKE STREET

S 58°15'13" E 58.57' (100.00') (205.00') 204.69' (198.00')

66.00'

THORN ROAD

LOT 9 FIRST ADDITION TO KEENEY'S LAKE STREET FARMS RECORDED APRIL 10,1936 AS DOC NO. R1936-368194

LOT 10

1NH0001TE

1NH0001

U.S. ROUTE 20 (LAKE STREET)

S 58°15'13" E 350.88' (351.35')

N 31°52'09" E (N 31°51'47" E 258.17') 258.17'

(S 64°32'39" E 40.54') S 64°33'01" E 40.54'

(S 58°14'51" E 259.06') S 58°15'13" E 259.17'

LOT 3

WESTERLY RIGHT OF WAY LINE DEDICATED PER DOC. NO. R2021-025518

1NH0002TE

1NH0002T

(S 58°14'51" E 214.44') S 58°15'13" E 214.45'

R=1146.24' (L=214.75') CH=N 26°15'30" E (CH=N 26°13'54" E 214.47')

320.50' 320.50'

COUNTY ROUTE 23 (GARY AVENUE)

EASTERLY RIGHT OF WAY LINE DEDICATED PER DOC NO. R90-34466

EXISTING CENTERLINE OF GARY AVENUE

R=1146.24' (L=401.25') CH=N 10°52'25" E (CH=N 10°01'45" E 399.15' 399.21')

C1 C2 C3 C4 C5 C6 C7

L1 L2 L3 L4 L5 L7 L8

1NH0013

1NH0012B

1NH0012A

1NH0003

1NH0003T

1NH0011

551.43'

LOT 1 RESUBDIVISION OF LOT 1 TURNBERRY LAKES ASSESSMENTS RECORDED MAY 22, 2006 AS DOC NO. R2006-096292

EASTERLY RIGHT OF WAY LINE DEDICATED PER DOC NO. R2006-096292

S 58°15'13" E 688.79' (254.43' (254.34') (685.78')

LOT 2 RIGHT OF WAY LINE DEDICATED PER DOC NO. R2006-096292

(N 31°05'03" E) N 31°37'51" E 49.14'

120.00'

(285.36') S 31°43'06" W 285.20'

(198.96') 198.89'

N 00°21'21" E (381.84') 381.69'

(103.50') N 74°10'13" W (236.00') 339.76' (339.50')

UNSUBDIVIDED

LOT 1

MATCHLINE - SEE SHEET 9

MATCHLINE - SEE SHEET 9

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APL APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
129.32' MEASURED DIMENSION
129.32'(COMP.) COMPUTED DIMENSION
( ) RECORD DATA

EXISTING BUILDING

LEGEND

- ● IRON ROD SET
- ○ IRON PIPE OR ROD FOUND
- \+ CUT CROSS FOUND OR SET
- ○ T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ○ BT1 DT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.
- ☼ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

PK NAIL SET
REPLACED AFTER CONSTRUCTION

STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS _____ DAY OF _____, A.D., 2021.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2022

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2023

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REVISED: 05/28/2021 PER IDOT COMMENTS–PGA
REVISED: 02/20/2020 PER IDOT COMMENTS–PJD
REVISED: 01/15/2020 PER IDOT COMMENTS – PJD
REVISED: 01/06/2020 PER IDOT COMMENTS – PJD
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PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: GARY AVENUE COUNTY: DUPAGE
SECTION: AT GARY AVENUE (F.A.U. 2561) JOB NO.: R-91-017-16
STA. 480+00 TO STA. 499+00
SCALE: 1" = 100' SHEET 8 OF 11 SHEETS

IDOT USE ONLY

APPROVED
By coreanom at 11:18 am, Jan 18, 2022

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF NW 1/4 & NE 1/4 OF SECTION 8, TWP. 40 N., R. 10 E. OF THE THIRD P.M., IN DUPAGE COUNTY, ILLINOIS

CURVE TABLE					
CURVE	RADIUS	LENGTH	LENGTH REC	CHORD BEARING	CHORD
C1	1266.24'	170.05'	(170.05')	N26°36'39"E	169.92'
C2	1286.24'	29.48'	(29.48')	N21°18'01"E	29.48'
C3	1470.40'	21.21'	(21.21')	N17°39'59"E	21.21'
C4	713.94'	232.78'	(232.96')	S15°35'46"W	231.75'
C5	1470.40'	40.04'	(40.04')	N16°28'23"E	40.04'
C6	1450.40'	235.99'	(236.3')	N10°19'36"E	235.73'
C7	1450.40'	122.01'	(122.03')	N03°15'21"E	121.97'

LINE TABLE			
LINE	BEARING	LENGTH	LENGTH REC
L1	N13°13'35"W	64.17'	(64.08')
L2	N70°25'42"E	26.90	(27.03')
L3	S77°56'40"W	34.10'	(34.10')
L4	S31°44'47"W	137.70'	(137.81')
L5	N58°18'09"W	4.40'	(4.40')
L7	S58°18'09"E	47.61'	(47.60')
L8	S32°43'27"E	26.88	(26.73')

NOTES:

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2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999750000
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED APRIL 15, 2019.

SURVEYOR'S NOTES:

NORTHERLY RIGHT OF WAY LINE PER IDOT PLANS OF SECTION 1983 202R JOB NO. R90007-84 AS REVISED MARCH 4, 1987 AND DOCUMENT NO. R90-34466

N

1

0 100' 200' 300'

1"= 100'

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
129.32' MEASURED DIMENSION
129.32'(COMP.) COMPUTED DIMENSION
( ) RECORC DATA
EXISTING BUILDING

MATCHLINE - SEE SHEET 8

MATCHLINE - SEE SHEET 11

LAKE AND GARY SUBDIVISION
RECORDED FEBRUARY 11, 2021
AS DOC NO. R2021-023518
AND RECORDED FEBRUARY 17, 2021
AS DOC. NO. R2021-025849

LOT 1 RESUBDIVISION OF LOT 1 TURNBERRY LAKES ASSESSMENTS
RECORDED MAY 22, 2006
AS DOC NO. R2006-096292

LOT 2
RIGHT OF WAY LINE DEDICATED PER DOC NO. R2006-096292

FRANK SERING'S PLAT OF SURVEY
RECORDED JULY 22, 1953
AS DOC NO. R1953-689527

FIRST ADDITION TO KEENEY'S LAKE STREET FARMS
RECORDED APRIL 10,1936
AS DOC NO. R1936-368194

KEENEY'S LAKE STREET FARMS
RECORDED AUGUST 13,1932
AS DOC NO. R1932-328341

CORNERSTONE RETAIL CENTER SUB
RECORDED OCTOBER 8, 2008
AS DOC NO. R2008-150993

4 STORY FRAME & STONE BUILDING

UNSUBDIVIDED

UNDUBDIVIDED (SEE SHEET 10)

DEDICATED FOR HIGHWAY PURPOSES BY WARRANTY DEED R83-08643

COUNTY ROUTE 23 (GARY AVENUE)

COUNTY ROUTE 23 (GARY AVENUE) EXISTING CENTERLINE OF GARY AVENUE

U.S. ROUTE 20 (LAKE STREET)

THORN ROAD

BOBBY ANN COURT

VIRGINIA ROAD

WEBSTER AVENUE

NORTHERLY RIGHT OF WAY LINE PER DOC NO.R91-096094

SOUTHERLY RIGHT OF WAY LINE AS MONUMENTED AND OCCUPIED

EXISTING CENTERLINE OF LAKE STREET

NORTHERLY RIGHT OF WAY LINE PER DOC NO R90-34466 (SEE SURVEYOR'S NOTE)

SOUTHERLY RIGHT OF WAY LINE AS MONUMENTED AND OCCUPIED

EASTERLY RIGHT OF WAY LINE PER DOC. NO. R89-30807

WESTERLY RIGHT OF WAY LINE DEDICATED PER DOC NO. R2021-025518

EASTERLY RIGHT OF WAY LINE DEDICATED PER DOC NO. R2006-096292

RIGHT OF WAY LINE PER DOC NO.R93-026417

EAST RIGHT OF WAY LINE AS MONUMENTED AND OCCUPIED

NORTH RIGHT OF WAY LINE AS MONUMENTED AND OCCUPIED

WEST LINE OF THE NW 1/4 OF SECTION 8-40-10

EAST LINE OF THE NW 1/4 OF SECTION 8-40-10

WEST LINE OF THE NE 1/4 OF SECTION 8-40-10

EXISTING CENTERLINE OF GARY AVENUE

1NH0001 1NH0001TE 1NH0002 1NH0002TE 1NH0003 1NH0003TE 1NH0004TE 1NH0007TE-A 1NH0007TE-B 1NH0008TE 1NH0010 1NH0010TE 1NH0011 1NH0012A 1NH0012B 1NH0005TE 1NH0006TE

LOT 1 LOT 2 LOT 3 LOT 4 LOT 5 LOT 6 LOT 7 LOT 8 LOT 9 LOT 10 LOT 11 LOT 12 LOT 13 LOT 14 LOT 28 LOT 29 LOT 86 LOT 87 LOT 88 LOT 89 LOT 90 LOT 91 LOT 92 LOT 93 LOT 94 LOT 95 LOT 59 LOT 60 LOT 61 LOT 62 LOT 63 LOT 64 LOT 65 OUTLOT A

LEGEND

- ● IRON ROD SET
- ○ IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ○ T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- ■ M **STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◍ PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.
- ✧ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT
- PK NAIL SET
- ○ REPLACED AFTER CONSTRUCTION

STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS _____ DAY OF _____, A.D., 2021.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2022

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2023

REVISED:01/12/2022 PER IDOT COMMENTS-PGA
REVISED:10/26/2021 PER NEW TITLE-PGA
REVISED:08/31/2021 PER NEW TITLE-PGA
REVISED:06/16/2021 PER IDOT COMMENTS-PGA
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One Overlook Point, Suite 250, Lincolnshire, IL 60069 ph(847.634.0550) fx(847.634.0085) manhard.com
Civil Engineers • Surveyors • Water Resource Engineers • Water & Wastewater Engineers
Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: GARY AVENUE COUNTY: DUPAGE
SECTION: AT GARY AVENUE (F.A.U. 2561) JOB NO.:R-91-017-16
STA. 490+00 TO STA. 514+00
SCALE: 1" = 100' SHEET 9 OF 11 SHEETS

IDOT USE ONLY

APPROVED
By coreanom at 11:18 am, Jan 18, 2022

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT17-WO14 SB TOTAL SHEETS 173 SHEET NO. 100

PART OF NE 1/4 OF SECTION 8, TWP. 40 N., R. 10 E. OF THE THIRD P.M., IN DUPAGE COUNTY, ILLINOIS

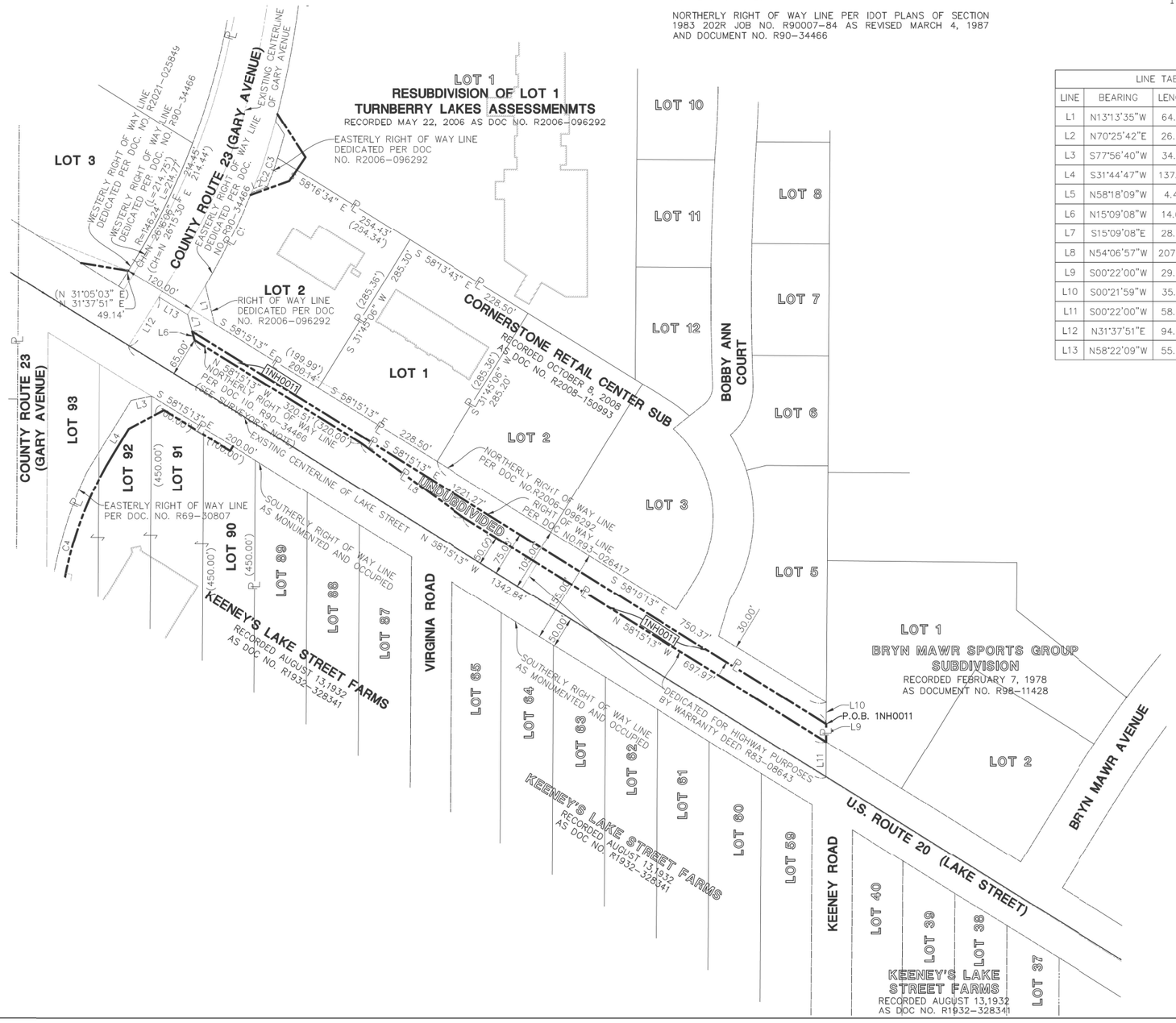
CURVE TABLE					
CURVE	RADIUS	LENGTH	LENGTH REC	CHORD BEARING	CHORD
C1	1266.24'	170.05'	(170.05')	N26°36'39"E	169.92'
C2	1286.24'	29.48'	(29.48')	N21°18'01"E	29.48'
C3	1470.40'	21.21'	(21.21')	N17°39'59"E	21.21'
C4	713.94'	232.78'	(232.96')	S15°35'46"W	231.75'

NOTES:

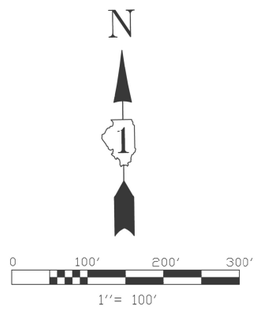
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999750000
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED APRIL 15, 2019.

SURVEYOR'S NOTES:

NORTHERLY RIGHT OF WAY LINE PER IDOT PLANS OF SECTION 1983 202R JOB NO. R90007-84 AS REVISED MARCH 4, 1987 AND DOCUMENT NO. R90-34466



LINE TABLE			
LINE	BEARING	LENGTH	LENGTH REC
L1	N13°13'35"W	64.17'	(64.08')
L2	N70°25'42"E	26.90'	(27.03')
L3	S77°56'40"W	34.10'	(34.10')
L4	S31°44'47"W	137.70'	(137.81')
L5	N58°18'09"W	4.40'	(4.40')
L6	N15°09'08"W	14.64'	----
L7	S15°09'08"E	28.79'	----
L8	N54°06'57"W	207.89'	(207.54')
L9	S00°22'00"W	29.28'	----
L10	S00°21'59"W	35.14'	----
L11	S00°22'00"W	58.57'	----
L12	N31°37'51"E	94.56'	----
L13	N58°22'09"W	55.00'	(55.00')



SECTION CORNER (9 10 16 15)

QUARTER SECTION CORNER (16 15)

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
129.32' MEASURED DIMENSION
129.32'(COMP.) COMPUTED DIMENSION
( ) RECORC DATA
EXISTING BUILDING

LEGEND

- ● IRON ROD SET
- ○ IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ○ T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ○ BT1 DT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◔ PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET.
- ✧ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT
- ● PK NAIL SET
- ○ REPLACED AFTER CONSTRUCTION

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PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20

LIMITS: GARY AVENUE COUNTY: DUPAGE
SECTION: AT GARY AVENUE (F.A.U. 2561) JOB NO.: R-91-017-16
STA. 498+00 TO STA. 519+00
SCALE: 1" = 100' SHEET 10 OF 11 SHEETS

IDOT USE ONLY

APPROVED
By coreanom at 11:18 am, Jan 18, 2022

BUREAU OF LAND ACQUISITION
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C5	1470.40'	40.04'	(40.04')	N16°28'23"E	40.04'
C6	1450.40'	235.99'	(236.3')	N10°19'36"E	235.73'
C7	1450.40'	122.01'	(122.03')	N03°15'21"E	121.97'

LINE TABLE			
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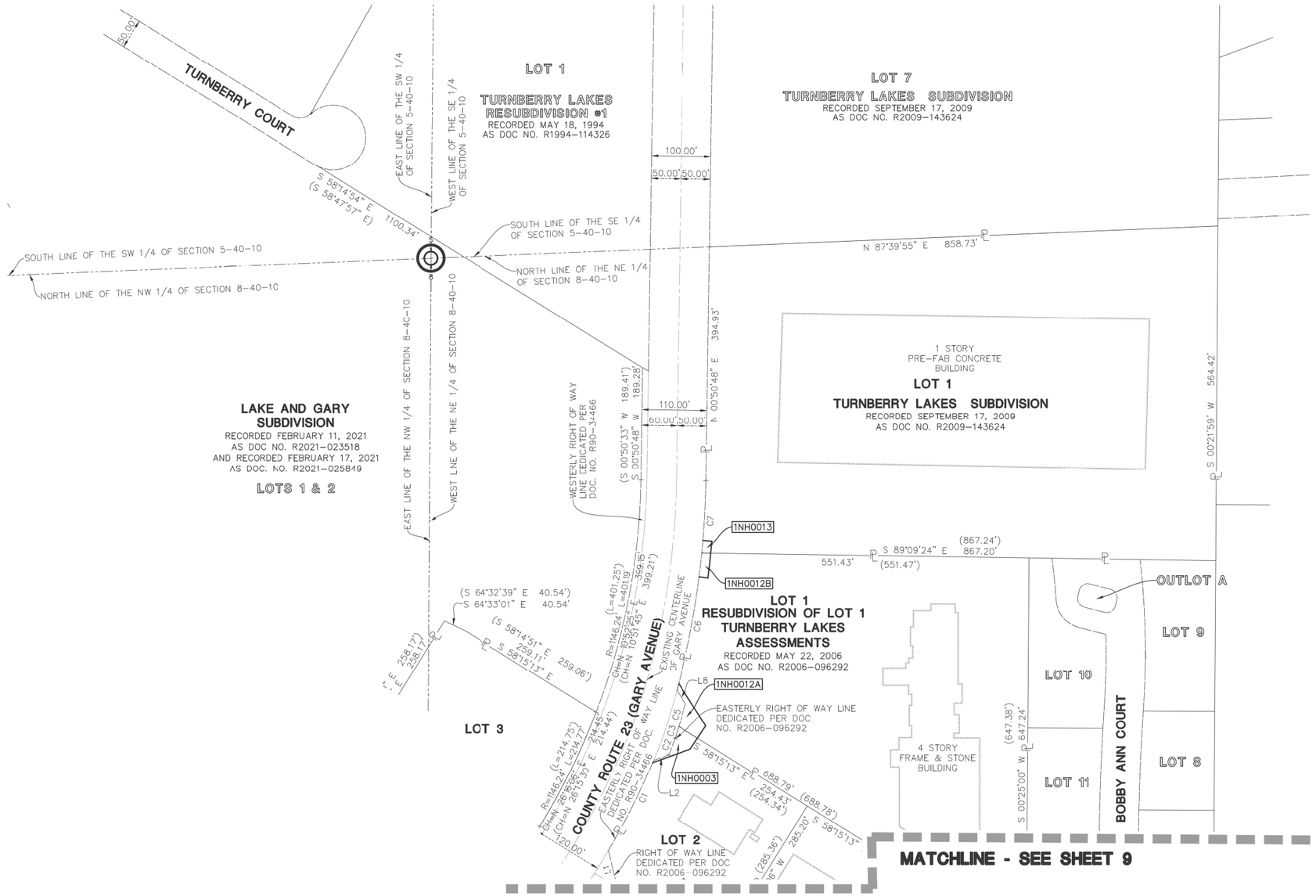
N

0 100' 200' 300'

1"= 100'



LAKE AND GARY SUBDIVISION
RECORDED FEBRUARY 11, 2021
AS DOC NO. R2021-023518
AND RECORDED FEBRUARY 17, 2021
AS DOC. NO. R2021-025849
LOTS 1 & 2

EAST LINE OF THE NW 1/4 OF SECTION 8-40-10

WEST LINE OF THE NE 1/4 OF SECTION 8-40-10

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
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201 WEST CENTER COURT
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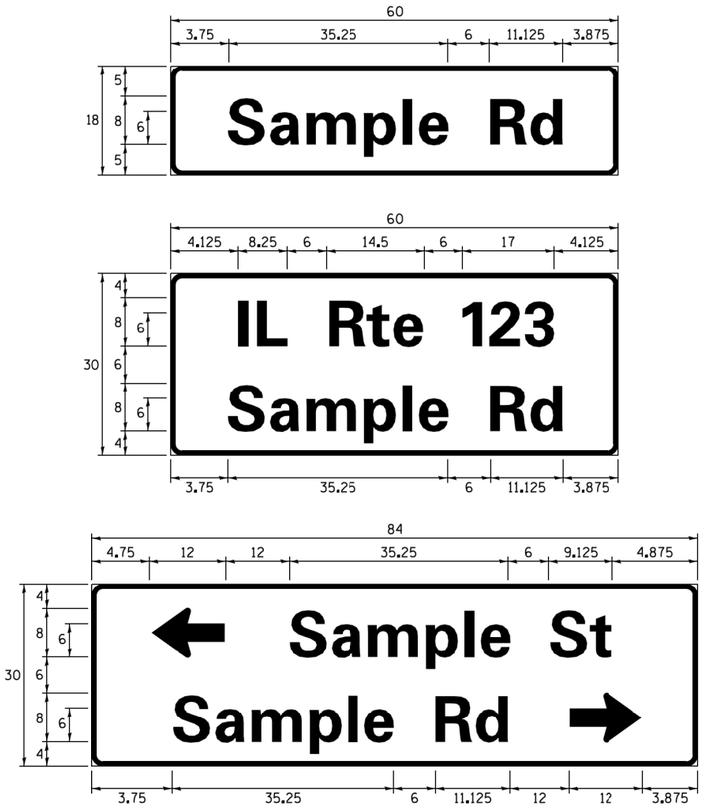
IDOT17-W014 SB

TOTAL SHEETS	SHEET NO.
173	102

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

ALL DIMENSIONS ARE IN INCHES EXCEPT NOTED OTHERWISE

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.

2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)

3. THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS SHALL BE ¾" WIDE. CORNER RADIUS SHALL BE 1-7/8". THE SPACING BETWEEN THE WORDS SHOULD BE 6", IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.

4. A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8"-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.

5. LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.

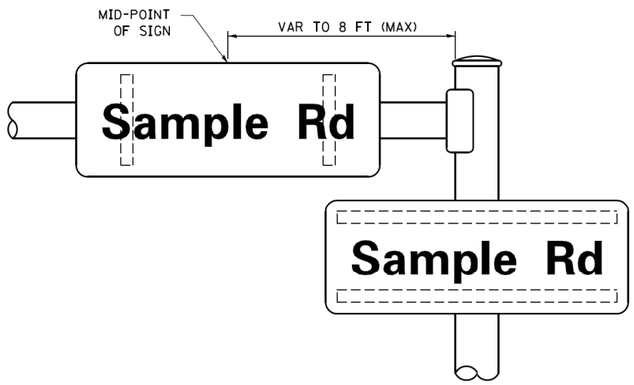
6. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:	PARTS LISTING:	
- J.O. HERBERT COMPANY, INC MIDLOTHIAN, VA	SIGN CHANNEL	PART #HPN053 (MED. CHANNEL)
	SIGN SCREWS	1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
- WESTERN REMAC, INC. WOODRIDGE, IL	BRACKETS	PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

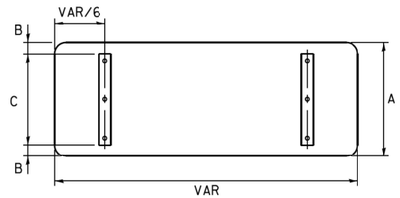
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

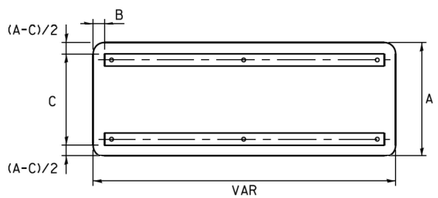
ARM OR POLE MOUNTED



SUPPORTING CHANNELS



A	B	C
18"	2"	14"
30"	2"	24"



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

STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

TS SHT NO. 01

FILE NAME = pw\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist\Standards\CADData\CADSheets\ts02.dgn	USER NAME = drivakosgn	DESIGNED - LP/IP	REVISED - LP 07/01/2015
	PLOT SCALE = 50.0000 ' / in.	DRAWN -	REVISED -
Default	PLOT DATE = 7/31/2015	CHECKED - IP	REVISED -
		DATE - 10/01/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	103
	TS-02	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

ts02.dgn 7/31/2015 11:37:05 AM User:drivakosgn

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	ECC	CC
MASTER CONTROLLER	EMC	MC
MASTER MASTER CONTROLLER	EMMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	C GM	G GM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H	H
DOUBLE HANDHOLE		
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET		
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P	P
SAMPLING (SYSTEM) DETECTOR	S	S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS	IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS	QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	P	P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	P RB	P RB
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

TS SHT NO. 02

FILE NAME = ts05.dgn	USER NAME = leysa	DESIGNED - IP	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**DISTRICT ONE** **STANDARD TRAFFIC SIGNAL DESIGN DETAILS**
		DRAWN - IP	REVISED -		
Default	PLOT SCALE = 50.0000 ' / in.	CHECKED - LP	REVISED -		SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. TO STA.
	PLOT DATE = 9/29/2016	DATE - 9/29/2016	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	104
	TS-05	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

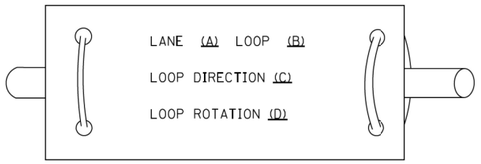
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

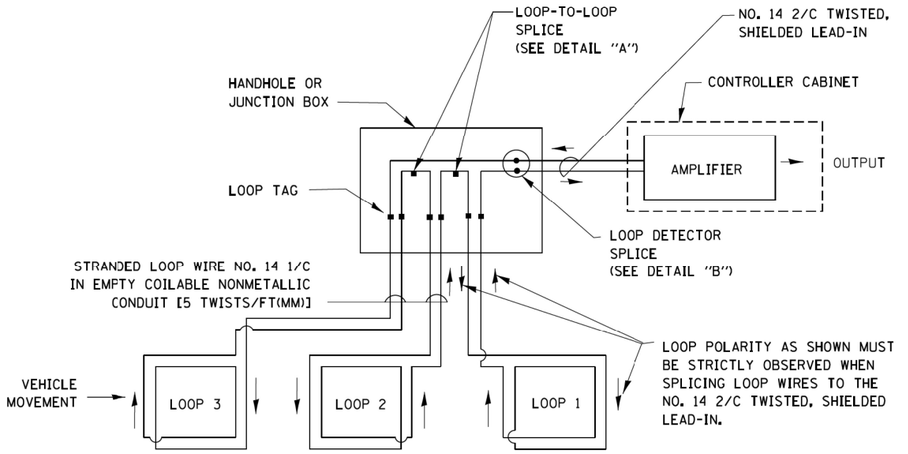


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

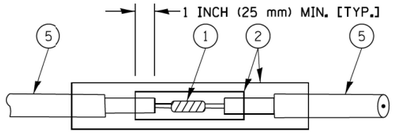
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

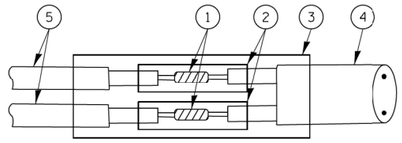


DETECTOR LOOP WIRING SCHEMATIC

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

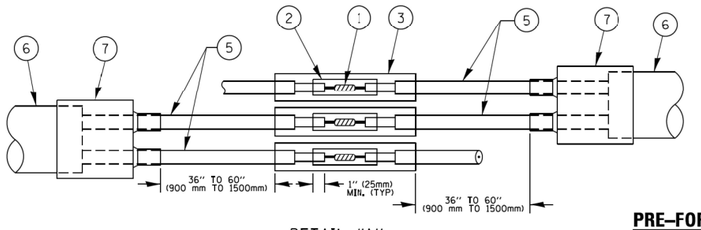


DETAIL "A"
LOOP-TO-LOOP SPLICE



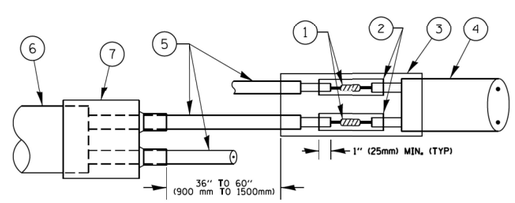
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

(6) PRE-FORMED LOOP

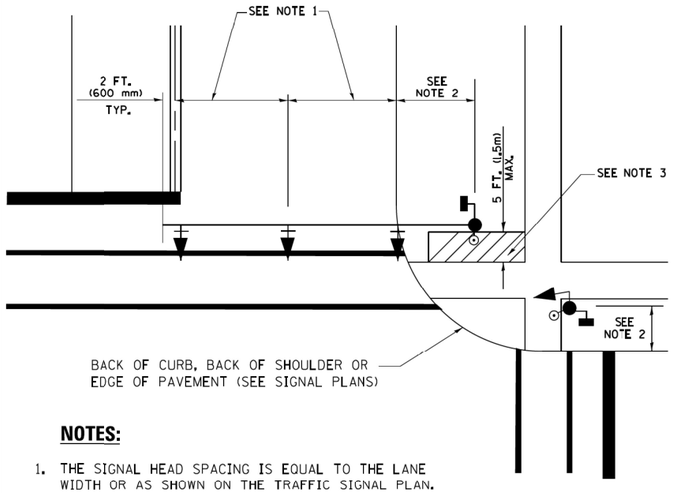
(7) XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

TS SHT NO. 03

FILE NAME = c:\pw_work\pwidot\footemj\d0108315\ts05.dgn	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BCK	REVISED -			21	2019-131-TS&N	DUPAGE	173	105
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DAD	REVISED -				TS-05	CONTRACT NO. 62K04		
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -		SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

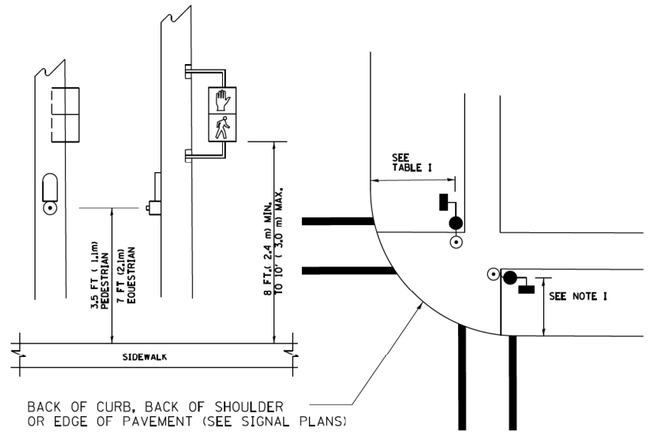
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

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

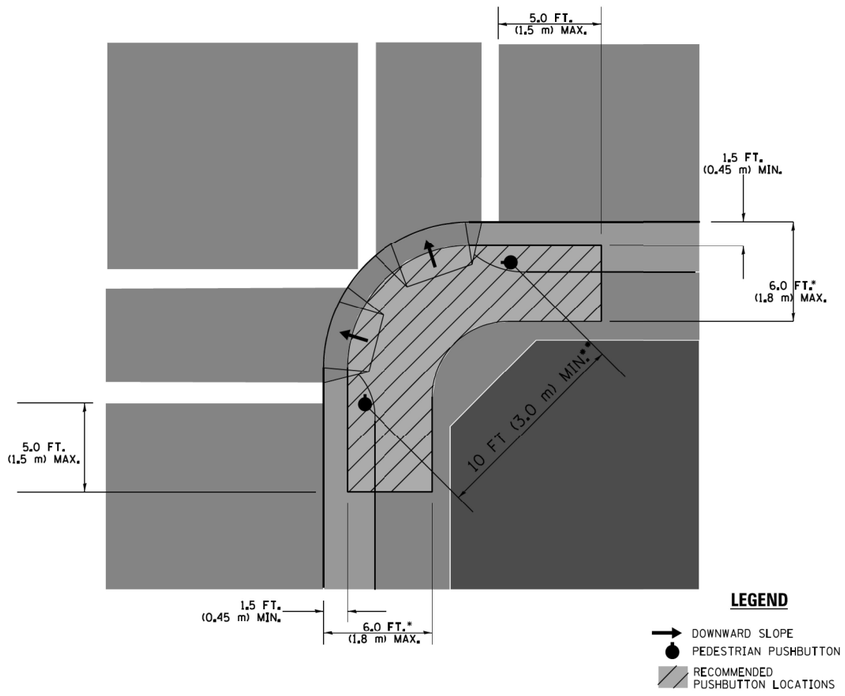
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

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

TRAFFIC SIGNAL EQUIPMENT OFFSET

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

NOTES:

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

TS SHT NO. 04

FILE NAME = c:\pw_work\pwidot\footemj\d0108315\ts05.dgn	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14
		DRAWN - BCK	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 3 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	106
	TS-05	CONTRACT NO. 62K04		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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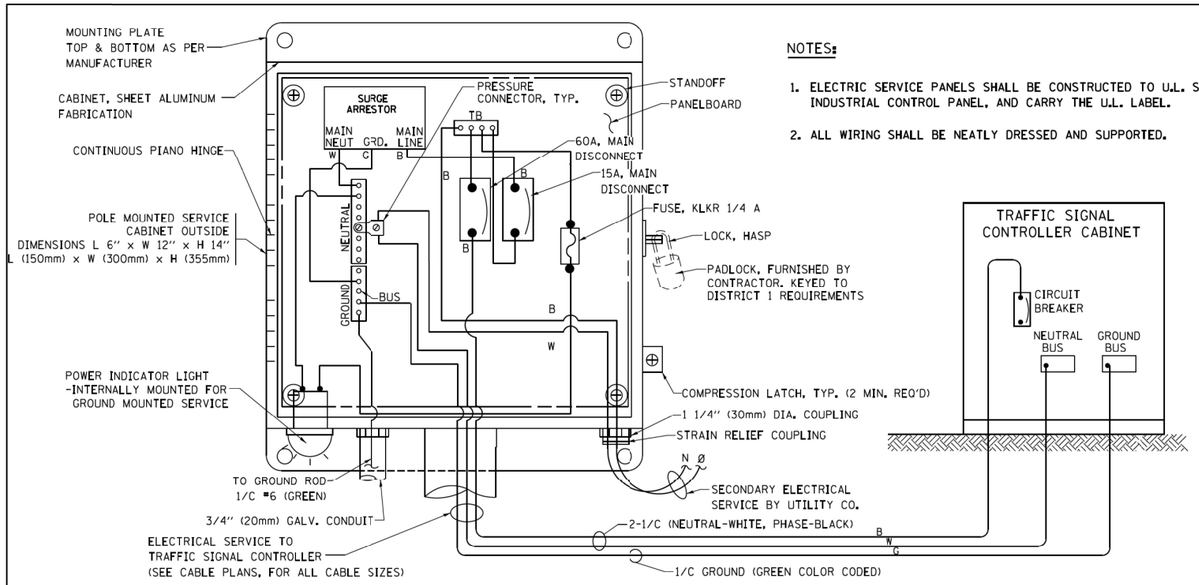
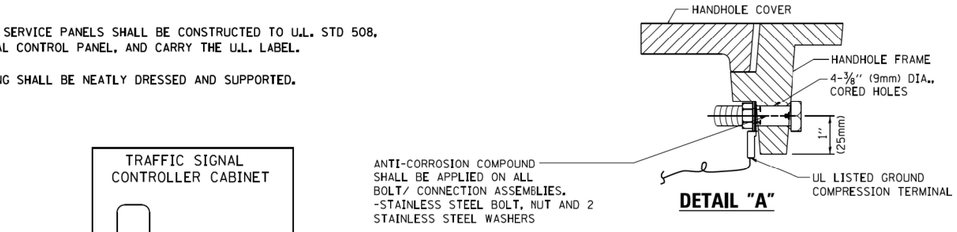


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)

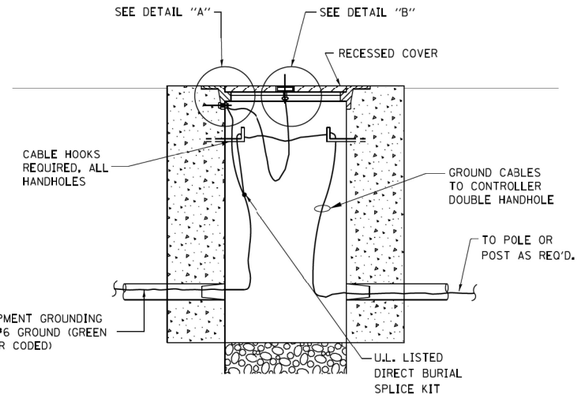
NOTES:

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

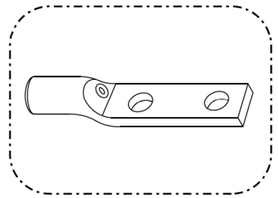


NOTES:
GROUNDING SYSTEM

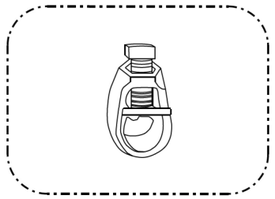
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE,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



HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)



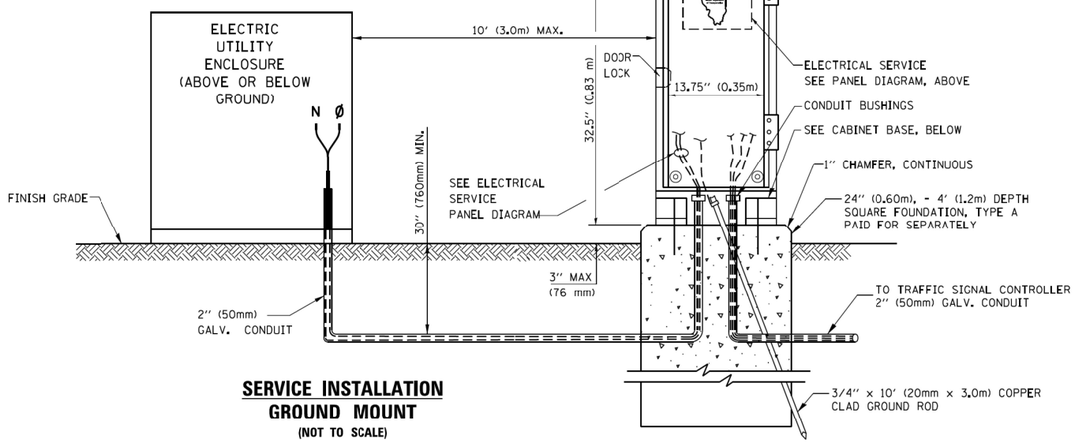
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YCHA OR APPROVED EQUAL)



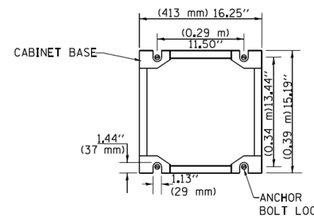
¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

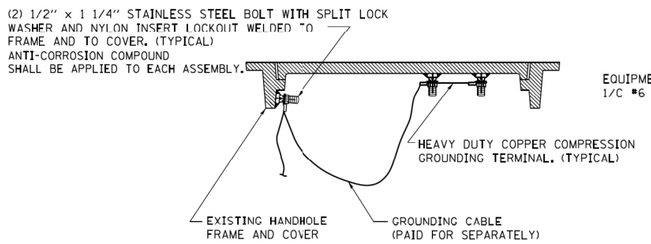
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



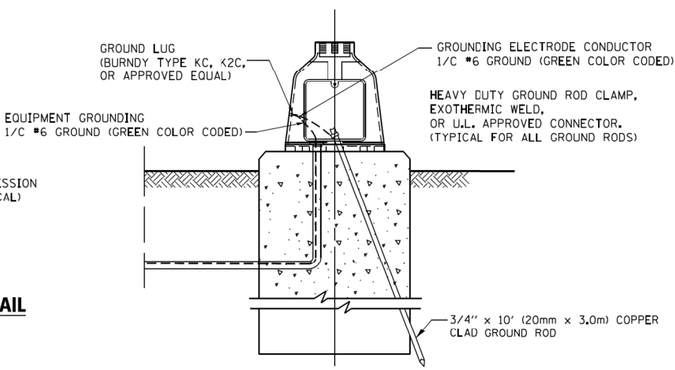
SERVICE INSTALLATION GROUND MOUNT
(NOT TO SCALE)



CABINET – BASE BOLT PATTERN
(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)



MAST ARM POLE / POST–GROUNDING DETAIL
(NOT TO SCALE)

TS SHT NO. 05

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	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 4 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	107
	TS-05	CONTRACT NO. 62K04		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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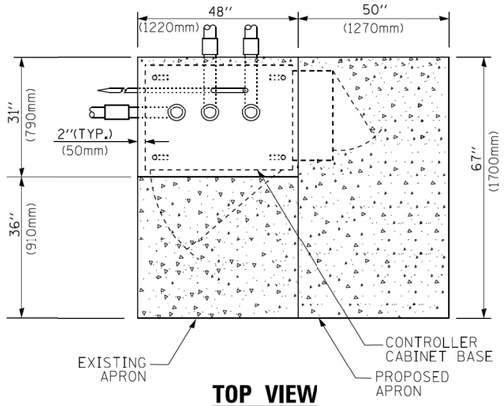
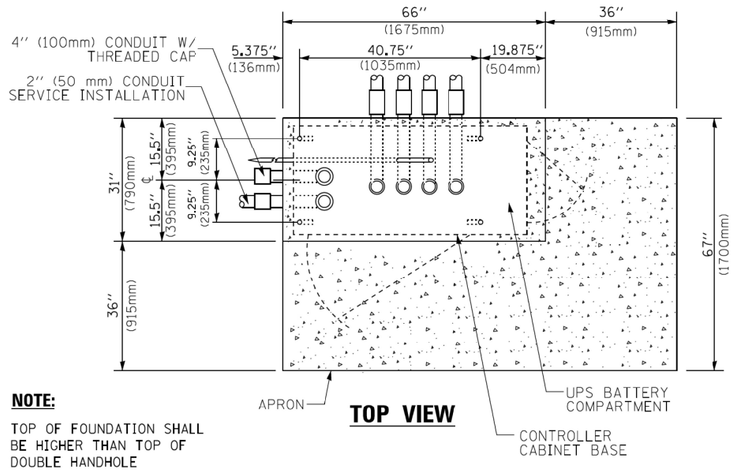


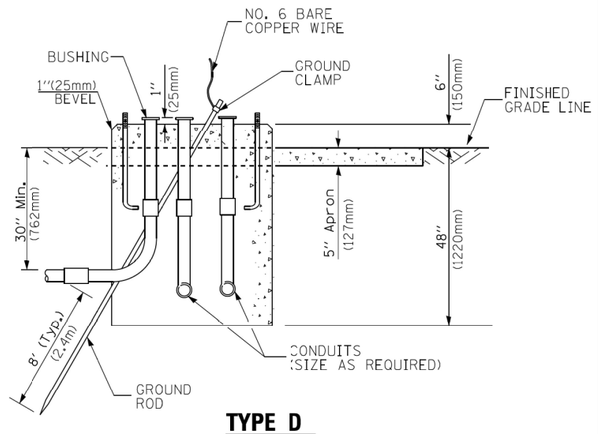
TOP VIEW



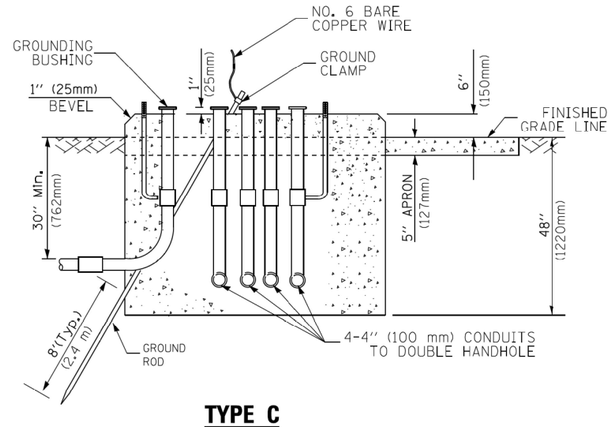
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

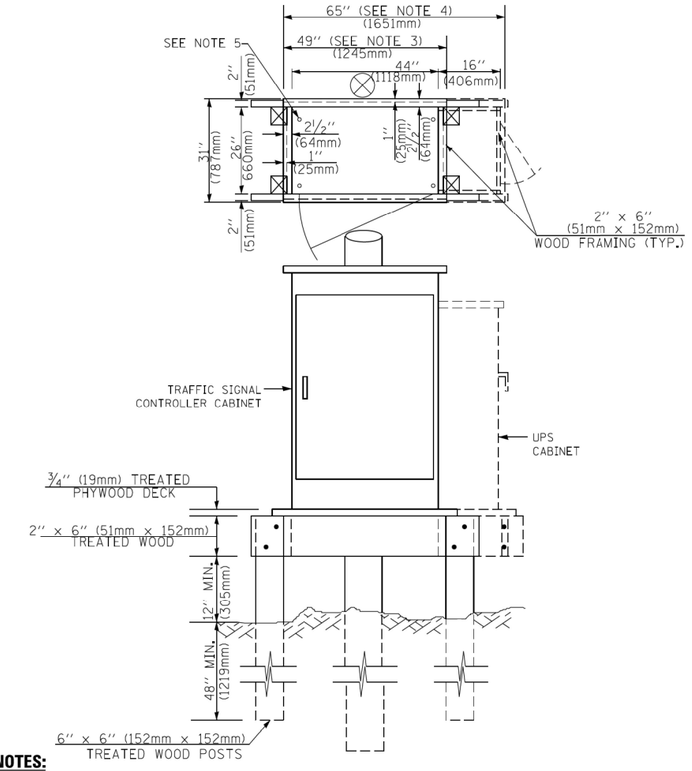
TOP VIEW



TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS



NOTES:

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

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 5 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	108
	TS-05	CONTRACT NO. 62K04		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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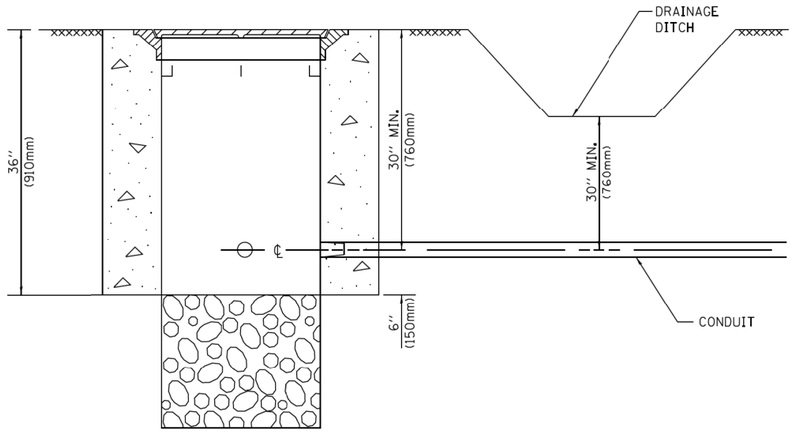
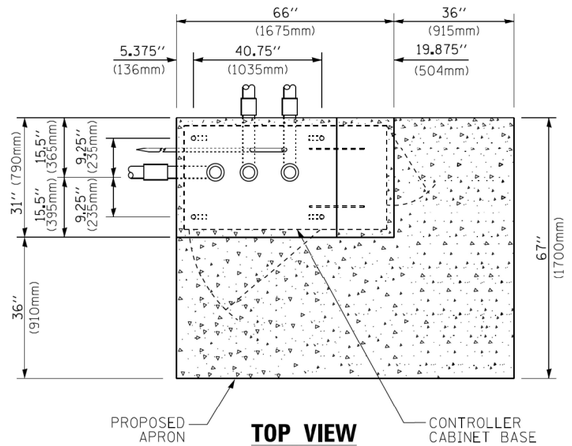


NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

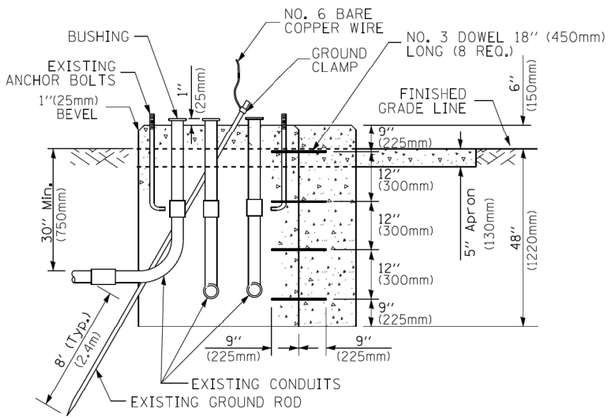
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



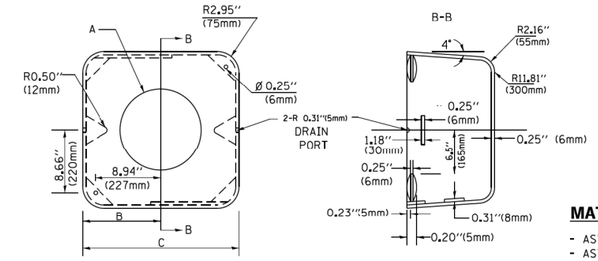
TOP VIEW

(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

(NOT TO SCALE)



MATERIAL:

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

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

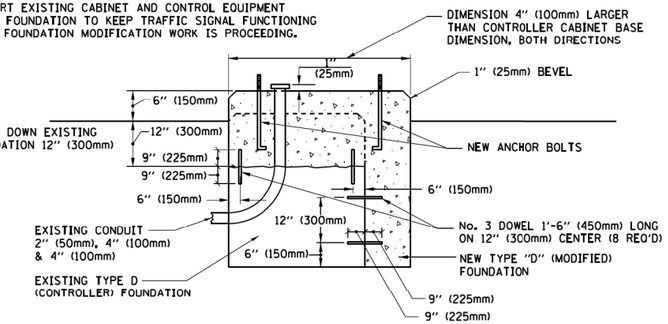
SHROUD

NOTES:

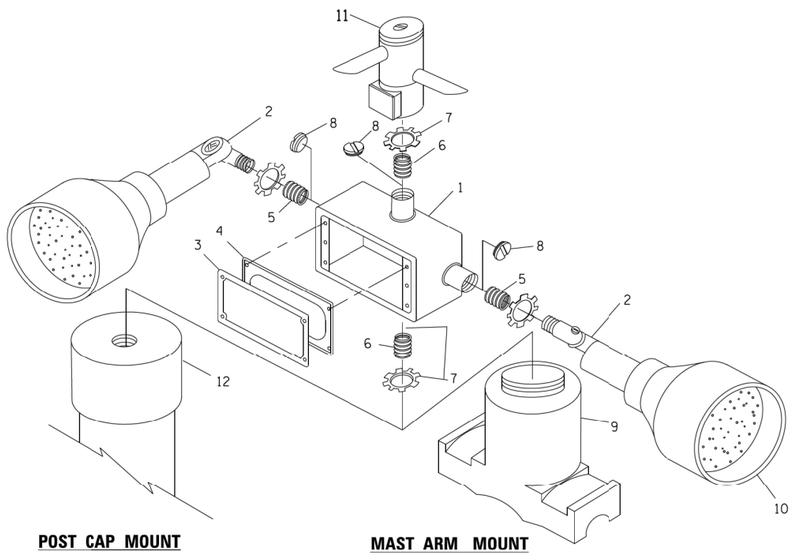
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE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

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



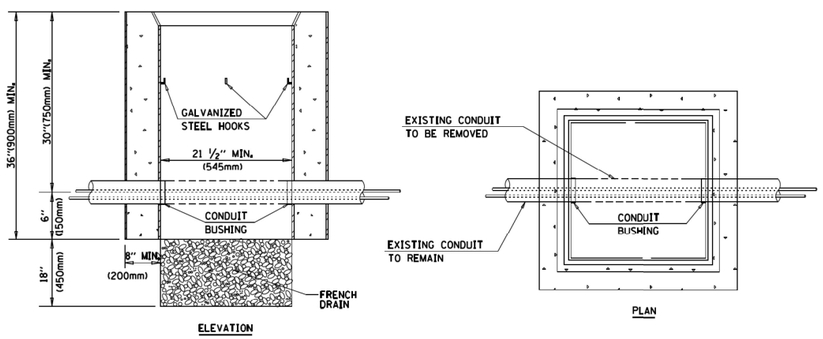
POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

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



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 6 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	109
	TS-05	CONTRACT NO. 62K04		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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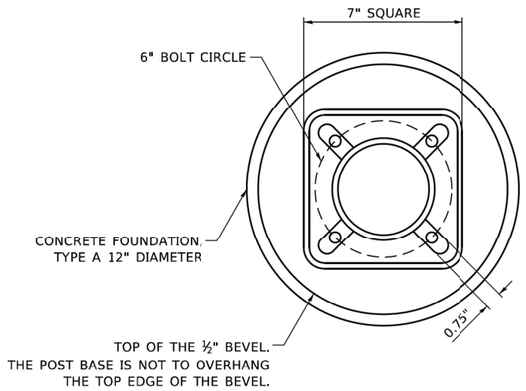
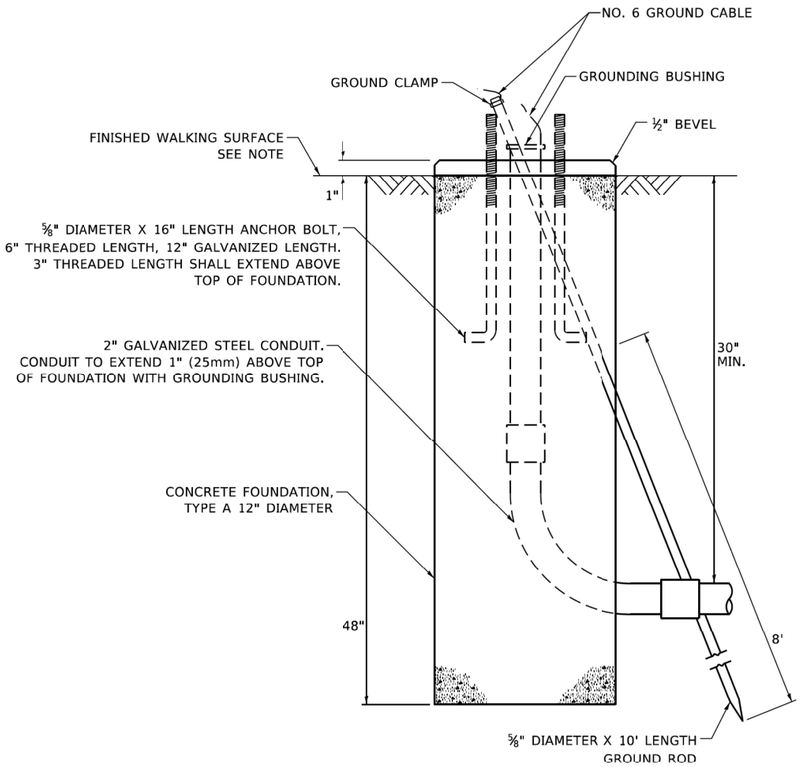


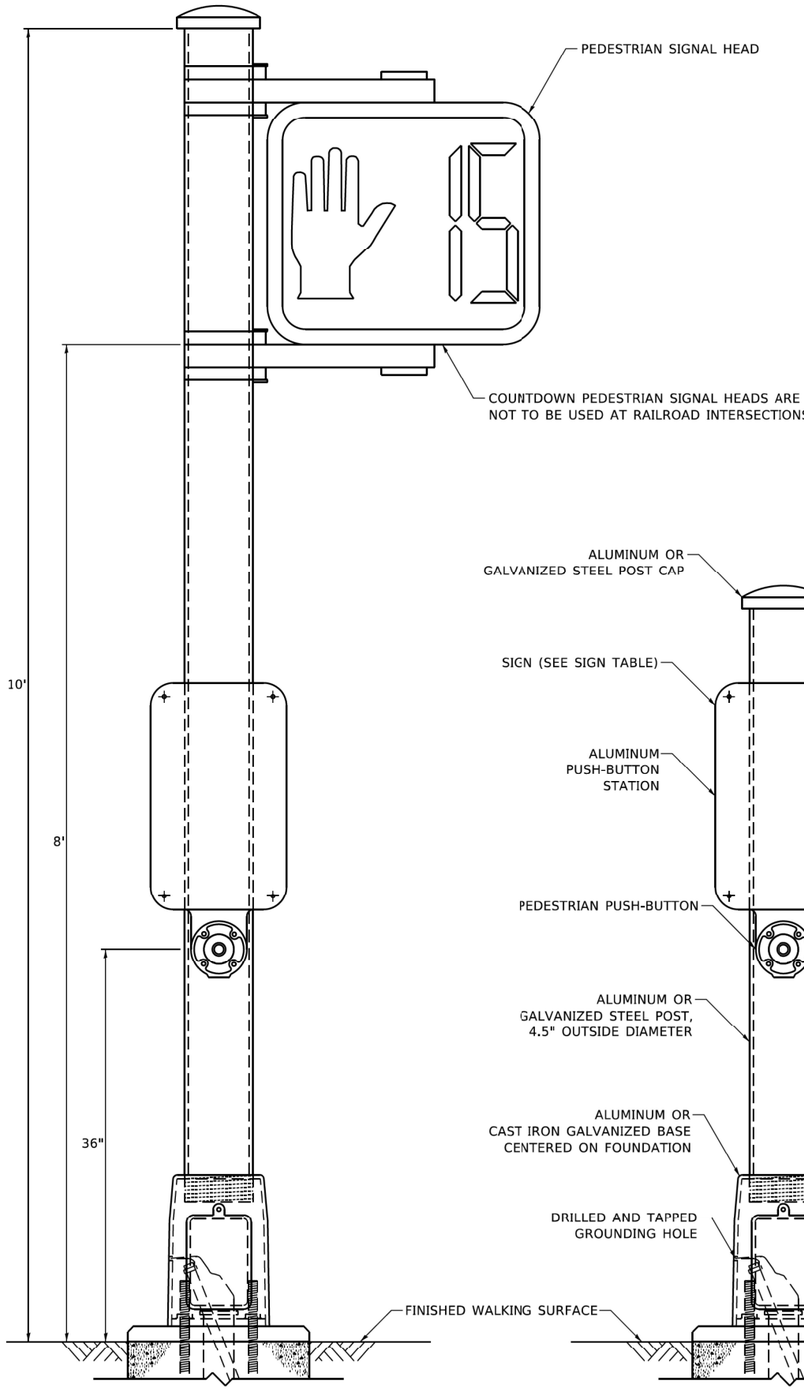
BOLT PATTERN

NOTE:

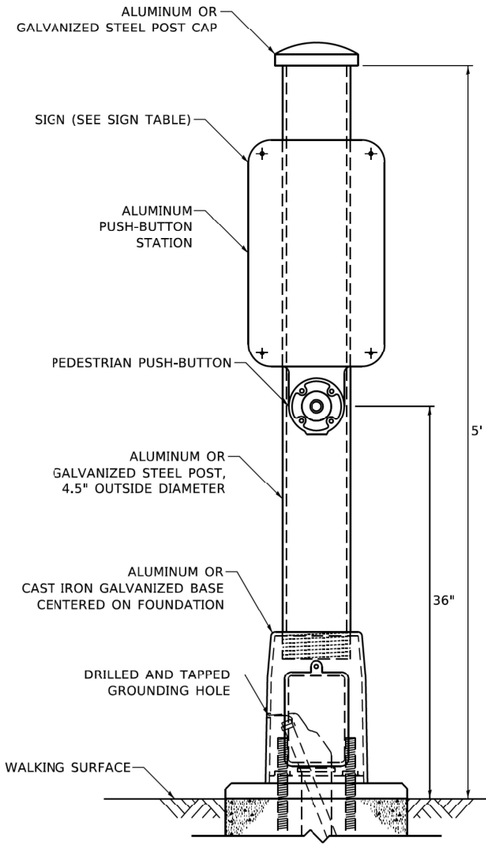
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 12–INCH DIAMETER



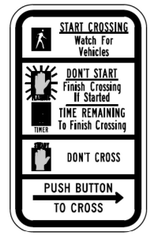
PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.

R10-3b

R10-3d



R10-3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

TS SHT NO. 08

MODEL: Default
FILE NAME: S:\WP\Design\lovam\11 Other\Pedestrian\Post\PedestrianSignalPost- Working\File-DO-NOT-USE.dgn

USER NAME = plascencial	DESIGNED - IP	REVISED - 10/15/2020	
	DRAWN - IP	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 11/17/2020	DATE - 10/15/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NTS | SHEET NO. 7 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	110
	TS-05	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

REMOVAL AND RELOCATION NOTES:

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

1	EACH	CONTROLLER AND CABINET (COMPLETE) *	
4	EACH	STEEL MAST ARM ASSEMBLY AND POST	
4	EACH	SIGNAL POST	
10	EACH	3-SECTION SIGNAL HEAD	* RETURN TO THE STATE SPARE PART DEPARTMENT
8	EACH	5-SECTION SIGNAL HEAD	
2	EACH	PEDESTRIAN SIGNAL HEAD	
2	EACH	PEDESTRIAN PUSH-BUTTON	
1	EACH	SERVICE INSTALLATION	
10	EACH	TRAFFIC SIGNAL BACKPLATE	

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF ROSELLE VILLAGE FIRE DEPARTMENT. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIMENT TO BE RETURN TO ROSELLE VILLAGE FIRE DEPARTMENT AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

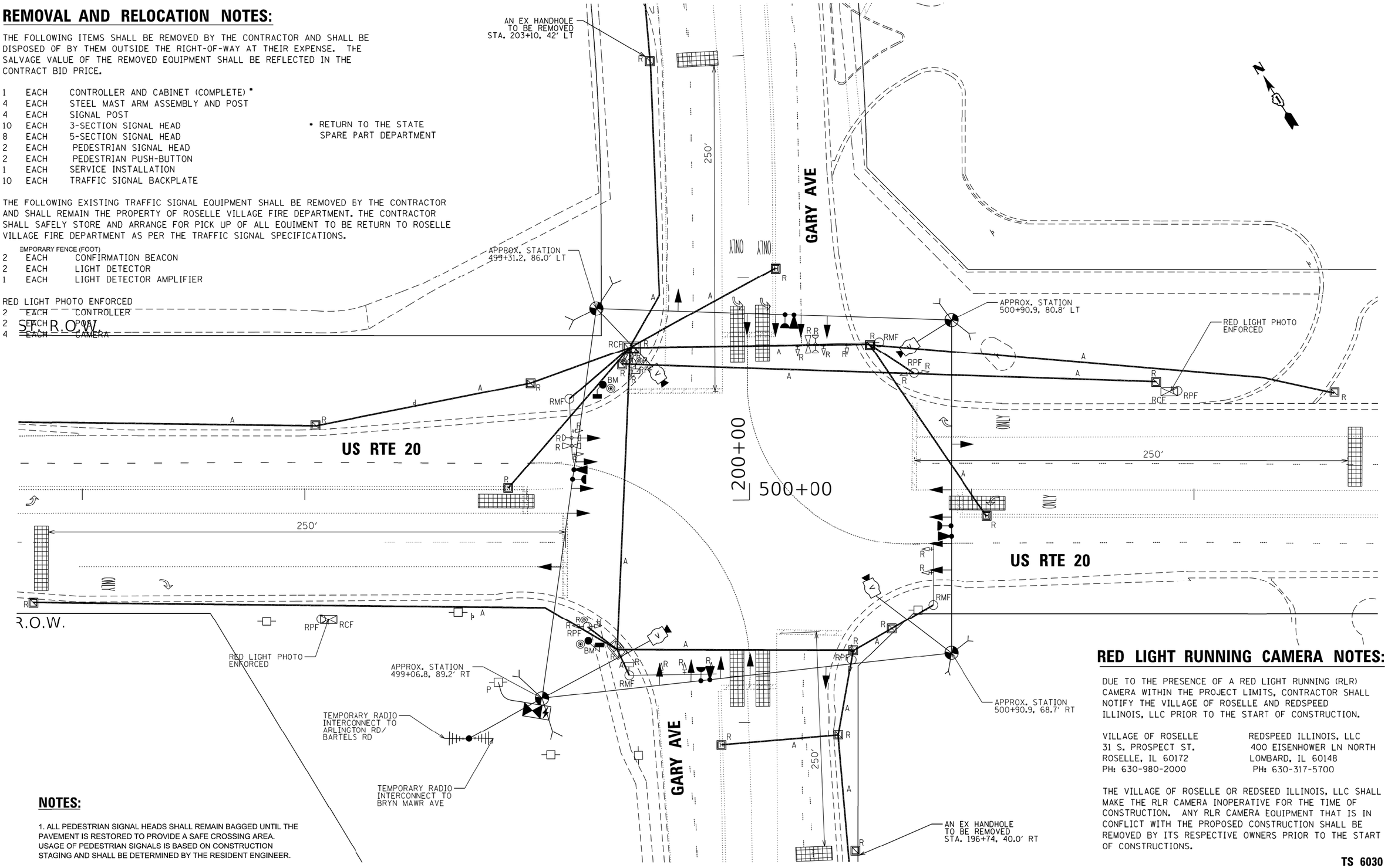
EMPORARY FENCE (FOOT)

2	EACH	CONFIRMATION BEACON
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

RED LIGHT PHOTO ENFORCED

2	EACH	CONTROLLER
2	EACH	POST
4	EACH	CAMERA

ST. R.O.W.



NOTES:

1. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNALS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE RESIDENT ENGINEER.

RED LIGHT RUNNING CAMERA NOTES:

DUE TO THE PRESENCE OF A RED LIGHT RUNNING (RLR) CAMERA WITHIN THE PROJECT LIMITS, CONTRACTOR SHALL NOTIFY THE VILLAGE OF ROSELLE AND REDSPEED ILLINOIS, LLC PRIOR TO THE START OF CONSTRUCTION.

VILLAGE OF ROSELLE
31 S. PROSPECT ST.
ROSELLE, IL 60172
PH: 630-980-2000

REDSPEED ILLINOIS, LLC
400 EISENHOWER LN NORTH
LOMBARD, IL 60148
PH: 630-317-5700

THE VILLAGE OF ROSELLE OR REDSEED ILLINOIS, LLC SHALL MAKE THE RLR CAMERA INOPERATIVE FOR THE TIME OF CONSTRUCTION. ANY RLR CAMERA EQUIPMENT THAT IS IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY ITS RESPECTIVE OWNERS PRIOR TO THE START OF CONSTRUCTIONS.

TS 6030
EAGLE 5F

TS SHT. NO. 9

MODEL: Default
FILE NAME: MS: 2019\3 Chlt\18-03-5500 IDOT PTB 190 - Various Traffic Signal Design\Graphics\WO 19-096 \files\D1-sht-TS11-US20 GARY-Temp.dgn

Sam Schwartz
223 W. JACKSON
SUITE [10]
CHICAGO, IL 60606
TEL: (773) 305-0800

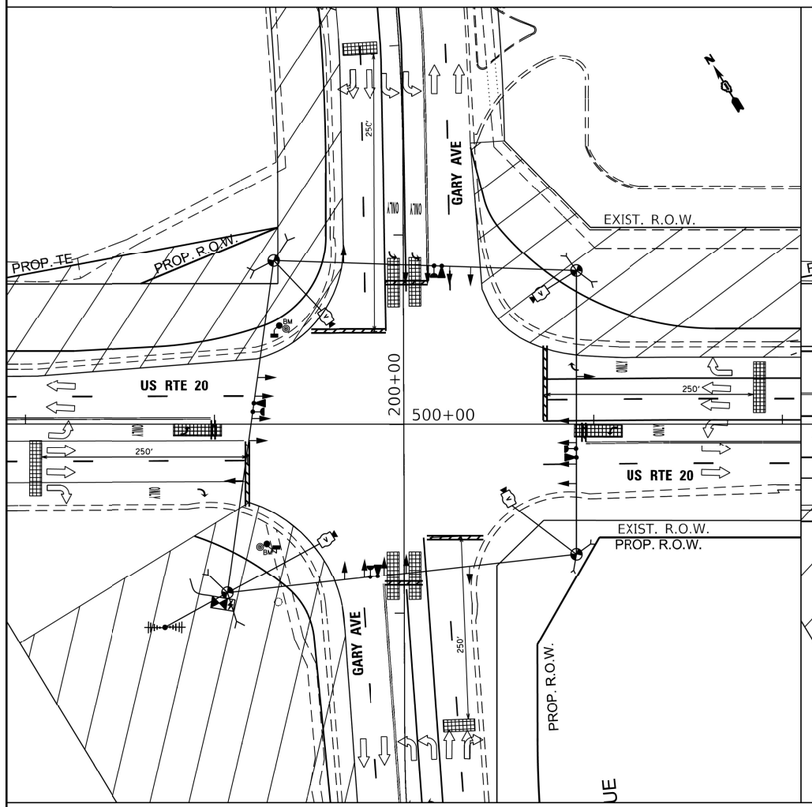
USER NAME = esalutz	DESIGNED - ECS	REVISED -
	DRAWN - ECS	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - PAW	REVISED -
PLOT DATE = 12/12/2022	DATE - 10/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

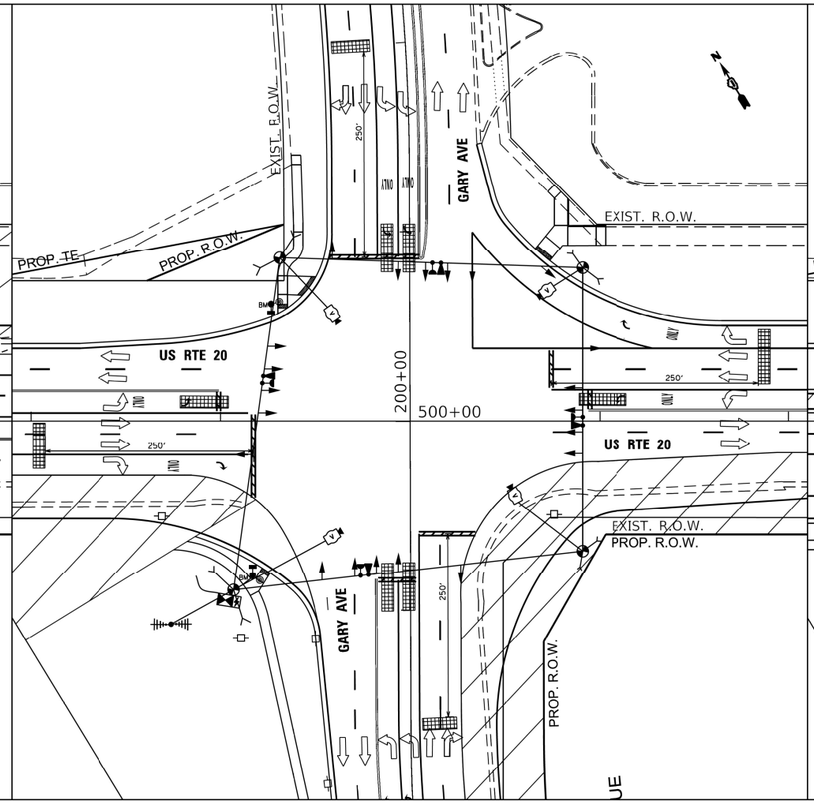
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
US ROUTE 20 AND GARY AVENUE

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

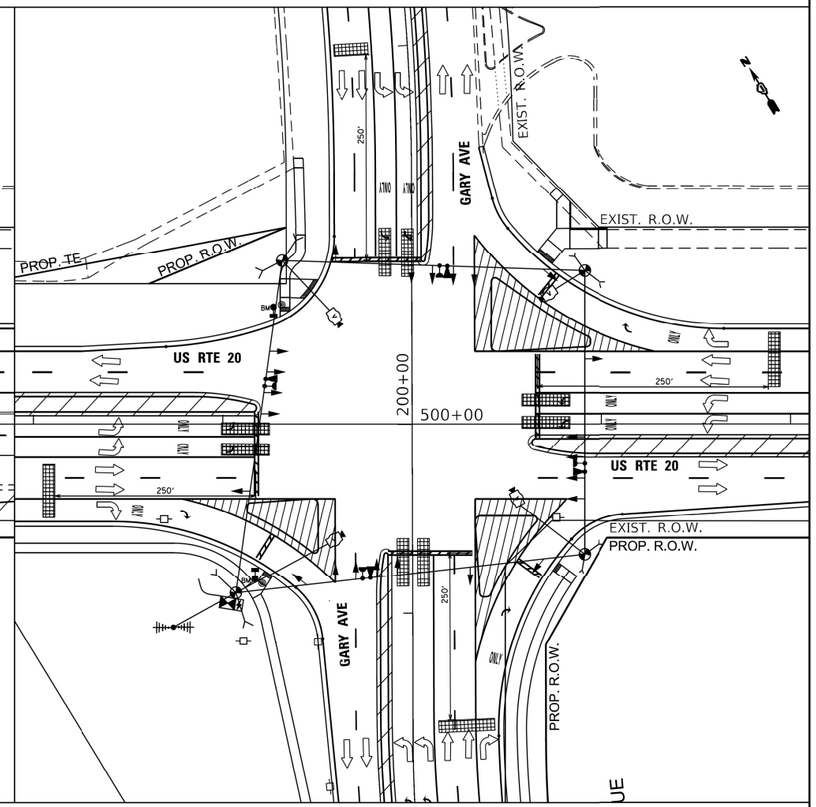
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	111
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



STAGE 1



STAGE 2



STAGE 3

NOTES:

1. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNALS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE RESIDENT ENGINEER.

TS 6030
EAGLE 5F

TS SHT. NO. 10

MODEL: Default
FILE NAME: MX: 20193 CH18-03-5500 IDOT PTB 190 - Various Traffic Signal Design\Graphics\WO 19-046 (files\01-sht-TS11-US20 GARY-Temp.dgn

Sam Schwartz
223 W. JACKSON
SUITE 1101
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = esalutz	DESIGNED - ECS	REVISED -
	DRAWN - ECS	REVISED -
PLOT SCALE = 80.0000 ' / in.	CHECKED - PAW	REVISED -
PLOT DATE = 12/12/2022	DATE - 10/20/2022	REVISED -

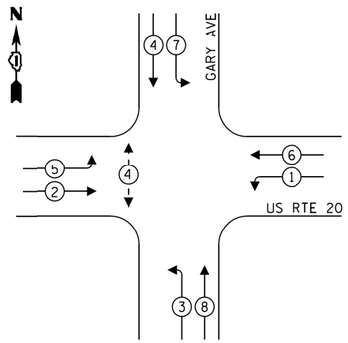
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION
STAGE CONSTRUCTION PLAN
US ROUTE 20 AND GARY AVENUE

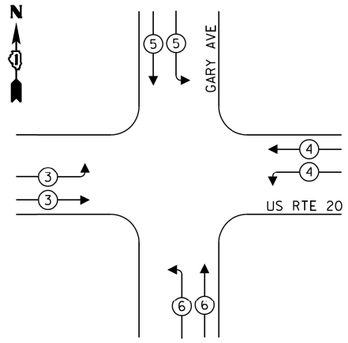
SCALE: 1"=40' | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	112
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

TEMPORARY CONTROLLER SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

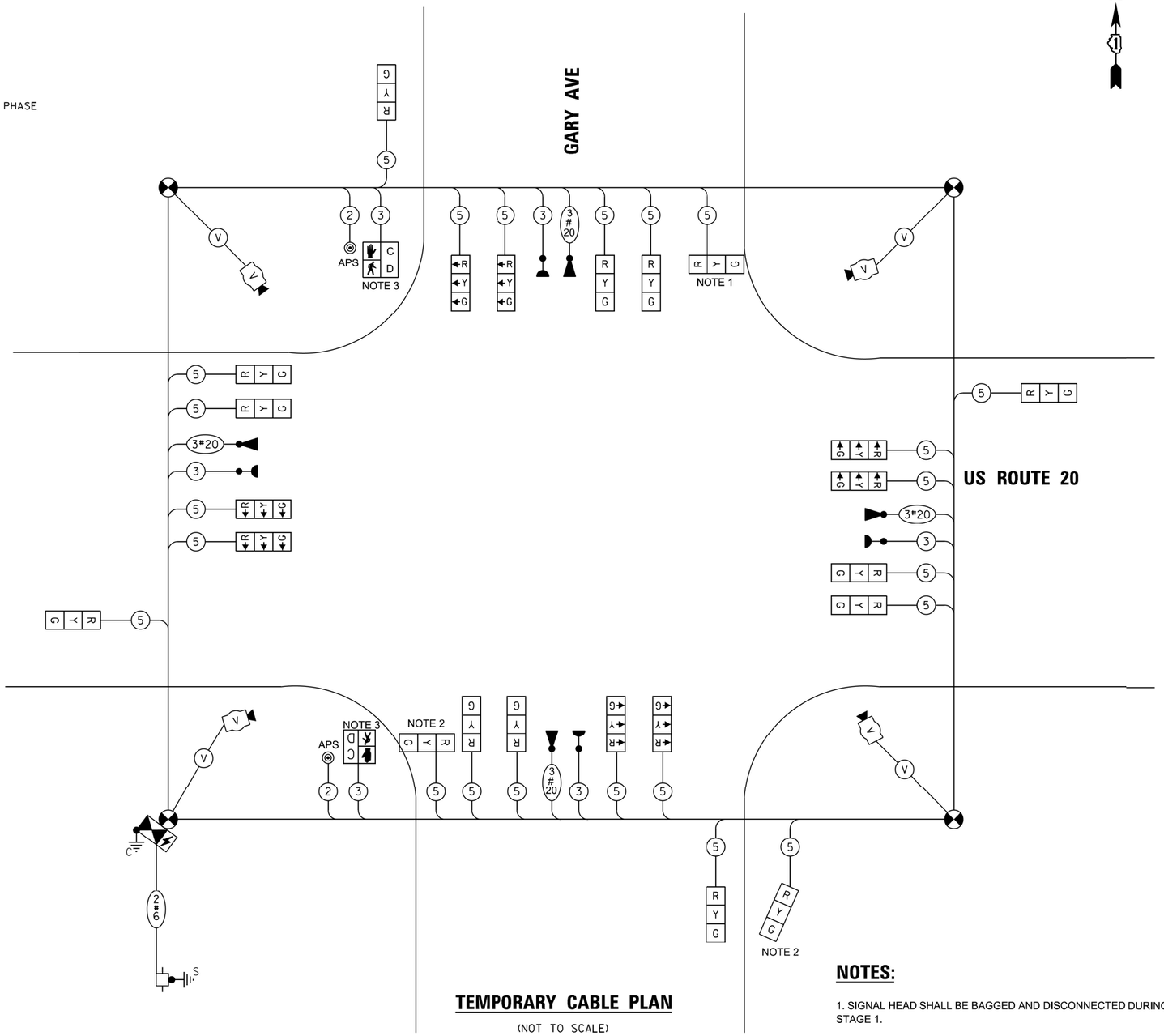
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	23	11	50	126.5
(YELLOW)	23	20	5	23.0
(GREEN)	23	12	45	124.2
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	2	20	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	588.7

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W CENTER CT
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: JOE STACHO
PHONE: (630) 424-5704
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 07981-48026



TEMPORARY CABLE PLAN

(NOT TO SCALE)

NOTES:

1. SIGNAL HEAD SHALL BE BAGGED AND DISCONNECTED DURING MOT STAGE 1.

2. SIGNAL HEAD SHALL BE BAGGED AND DISCONNECTED DURING MOT STAGE 1 & 2.

3. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNALS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE RESIDENT ENGINEER.

TS 6030
EAGLE 5F

TS SHT. NO. 11

MODEL: Default
FILE NAME: MS_2019-3 Cnt\18-03-5500 IDOT PTB 190 - Various Traffic Signal Design\Graphics\WO 19-006 files\D1-sht-TS12-US20 GARY-Temp.dgn

Sam Schwartz
223 W. JACKSON
SUITE 1101
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = esalutz	DESIGNED - ECS	REVISED -
	DRAWN - ECS	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - PAW	REVISED -
PLOT DATE = 12/12/2022	DATE - 10/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1, 2, & 3 TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
US ROUTE 20 AND GARY AVENUE

SCALE: NTS | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	113
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

LEFT ON GREEN ARROW ONLY

Ⓐ R10-5 SIGN
(30"X36")
8 EACH (PROPOSED)

Ⓑ MAST ARM STREET NAME
(SIZE VARIES SEE TS SHT NO. 07)
4 (PROPOSED)

HANDHOLE FOR FUTURE INTERCONNECT CONNECTION

130'-UC-2"

GARY AVE

26' M.A. - 30" DIA FDN (10' DEPTH)
STA 499+44.09, 77.5' LT

160'-UC-(2)4"

23'-UC-3"

SUPER R CABINET

5'-UC-4" W/ THREADED CAP

PROPOSED INTERCONNECT CONDUIT
EXISTING FIBER AND TRACER CABLE
TO ARLINGTON RD/BARTELS RD

10'-UC-2"

5'-UC-4-4"

26'-UC-2"

PROP. TE

PROP. R.O.W.

22'-UC-3"

16' POST - STA 500+76.87, 87.0' LT

4'-UC-3"

45'-UC-3"

36'-UC-2"

277'-UC-2"

PEDESTRIAN SIGNAL POST, 10'
STA 500+59.36, 59.8' LT

46' M.A. - 36" DIA FDN (13' DEPTH)
STA 500+51.86, 52.8' LT

89'-UC-2"

US RTE 20 (LAKE ST)

50' COMBO M.A. - 36" DIA FDN (15' DEPTH)
STA 499+26.92, 61.8' LT
(COMBO MAST ARM REQUIRED FOR FUTURE
PTZ CAMERA - CONTRACT 62T54)

80'-UC-2"

200+00

500+00

MATCHLINE STA 502+00

250' TO STOP BAR

154'-UC-(2)4"

PEDESTRIAN SIGNAL POST, 10'
STA 495+44.59, 53.9' RT

PEDESTRIAN SIGNAL POST, 10' POST
STA 500+51.28, 54.1' RT

US RTE 20 (LAKE ST)

35'-UC-3"

167'-UC-4"

34'-UC-2"

36'-UC-3"

PROP. R.O.W.

240'-UC-2"

48' M.A. - 36" DIA FDN (13' DEPTH)
STA 499+37.15, 48.6' RT

6'-UC-3"

16' POST STA 500+766.80, 80.6' RT

9'-UC-3"

16' POST - STA 499+18.96, 80.5' R

37'-UC-2"

48' M.A. - 36" DIA FDN (13' DEPTH)
STA 500+45.49, 62.1' RT

GARY AVE

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. THE MOUNTING LOCATIONS OF THE RADAR DETECTOR WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.
3. EXISTING INTERCONNECT SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION. ANY DAMAGE OR DISTURBANCE TO THE EXISTING INTERCONNECT SHALL BE RESTORED WITHIN TIMELY MANNER AT NO COST TO THE DEPARTMENT.

TS SHT NO. 12

TS 6030
EAGLE 5F

Sam Schwartz
223 W. JACKSON
SUITE 1101
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ECS	REVISED -	
	DRAWN - ECS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - PAW	REVISED -	
PLOT DATE = 1/11/2023	DATE - 10/20/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 2)
US RTE 20 (LAKE ST) AT GARY AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	114
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	

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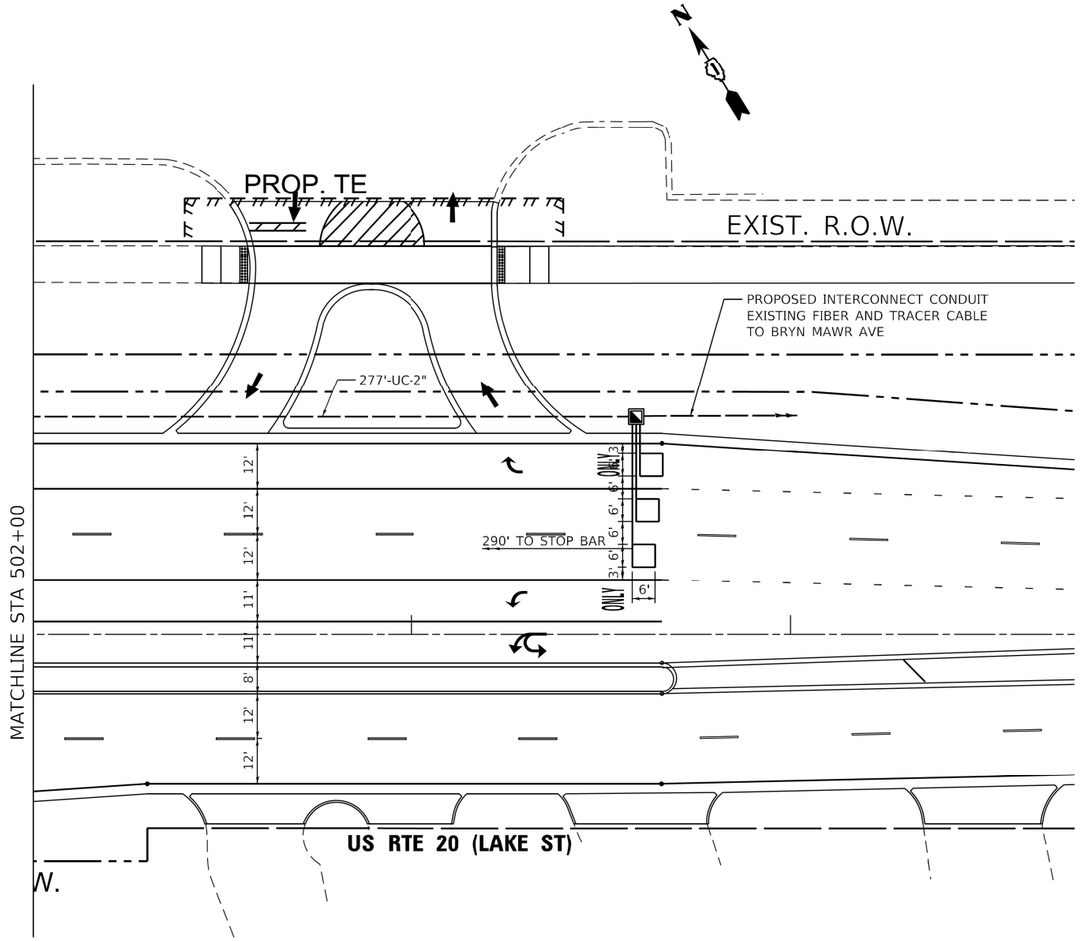
FILE NAME: MA: 20193 CH1.18-03-5500 IDOT PTB 190 - Various Traffic Signal Design\Graphics\WO 19-046 files\P1049 1a-Sheet Proposed Plan.dgn



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

TS 6030

EAGLE 5F

TS SHT NO. 13

MODEL: Default
FILE NAME: MA: 20193 CHN18-03-5500 IDOT PTB 190 - Various Traffic Signal Design\Graphics\WO 19-066 files\P10414-Sheet Proposed Plan.dgn

Sam Schwartz
223 W. JACKSON
SUITE 1101
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = esalutz	DESIGNED - ECS	REVISED -
	DRAWN - ECS	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - PAW	REVISED -
PLOT DATE = 12/12/2022	DATE - 10/20/2022	REVISED -

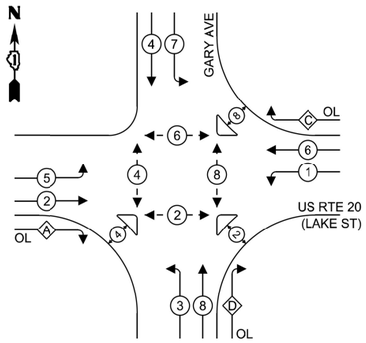
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 2)
US RTE 20 (LAKE ST) AT GARY AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	115
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

PROPOSED CONTROLLER SEQUENCE



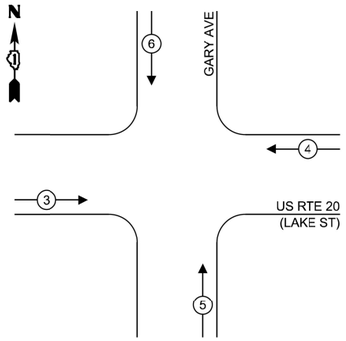
LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
C	=	6	+	7
D	=	8	+	1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

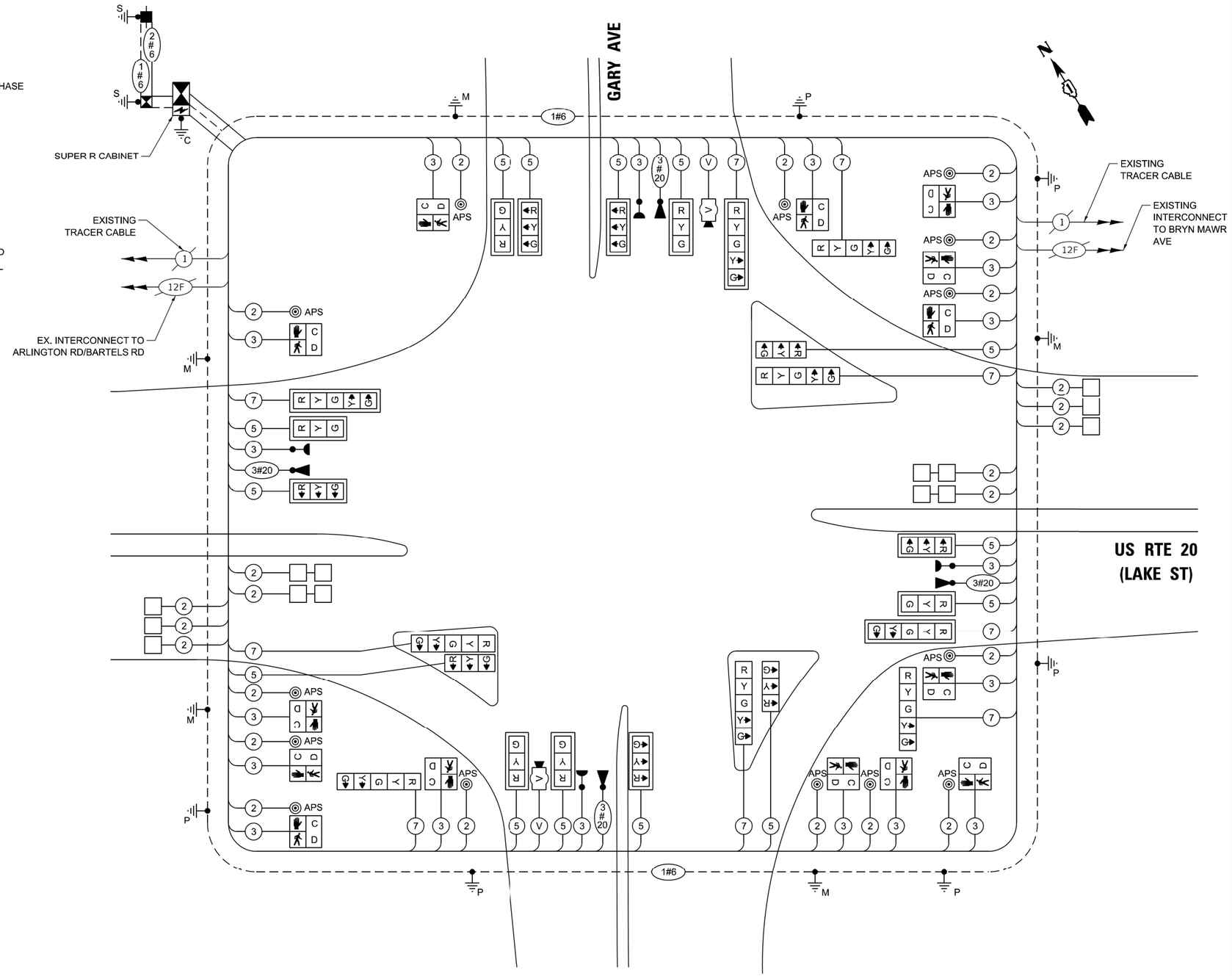
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	23	11	50	126.5
(YELLOW)	23	20	5	23.0
(GREEN)	23	12	45	124.2
PERMISSIVE ARROW	18	10	10	18.0
PED. SIGNAL	14	20	100	280.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	696.7

ENERGY COSTS TO:

ILLINOIS DEPT OF TRANSPORTATION

201 W CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: JOE STACHO
PHONE: (630) 424-5704
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 07981-48026



CABLE PLAN
(NOT TO SCALE)

TS 6030
EAGLE 5F

TS SHT NO. 14

MODEL: Default
FILE NAME: M:\ 2019\3 Ch\18-03-5500 IDOT PTB 190 - Various Traffic Signal Design\Graphics\WO 19-096 files\P10491a-Sheet Cable Plan.dgn

Sam Schwartz
223 W. JACKSON
SUITE 1101
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ECS	REVISED -
	DRAWN - ECS	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - PAW	REVISED -
PLOT DATE = 1/11/2023	DATE - 10/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

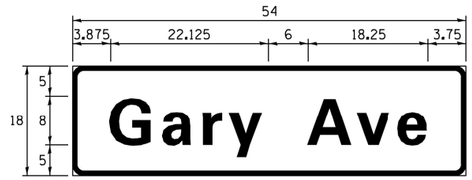
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US RTE 20 (LAKE ST) AT GARY AVE

SCALE: NTS | SHEET OF SHEETS | STA. | TO STA.

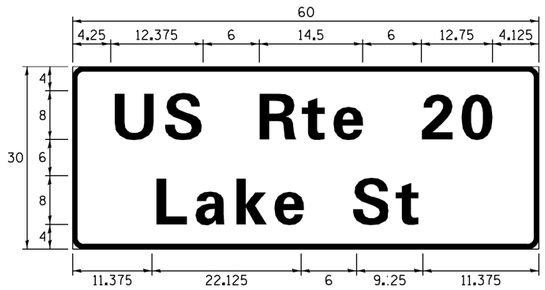
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	116
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.75	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	12.5	2	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

	ITEM DESCRIPTION	UNITS	TOTAL QTY.
	SIGN PANEL - TYPE 1	SQ FT	74
	SIGN PANEL - TYPE 2	SQ FT	25
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	954
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	180
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	825
	HANDHOLE	EACH	4
	HEAVY-DUTY HANDHOLE	EACH	2
	DOUBLE HANDHOLE	EACH	3
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3594
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	4881
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3720
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2574
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3545
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	56
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1172
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	2
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
	CONCRETE FOUNDATION, TYPE A	FOOT	16
	CONCRETE FOUNDATION, TYPE C	FOOT	4
	CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	10
	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	54
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	11
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3
	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	14
	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	14
	INDUCTIVE LOOP DETECTOR	EACH	10
	DETECTOR LOOP, TYPE I	FOOT	492
*	LIGHT DETECTOR	EACH	4
*	LIGHT AMPLIFIER	EACH	1
	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
	REMOVE EXISTING HANDHOLE	EACH	15
	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2
	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
*	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1189
	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2
	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3
	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL	EACH	1
	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	14
	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

* 100% COST TO THE VILLAGE OF ROSELLE

TS SHT NO. 15

TS 6030
EAGLE 5F

MODEL: Default
FILE NAME: MS: 20193 Cnh18-03-5500 IDOT PTB 190 - Various Traffic Signal Design\Graphics\WO 19-066 files\P104914-Sheet Mast Arm Sign & SQO.dgn

Sam Schwartz
223 W. JACKSON
SUITE 1101
CHICAGO, IL 60606
TEL: (773) 305-0800

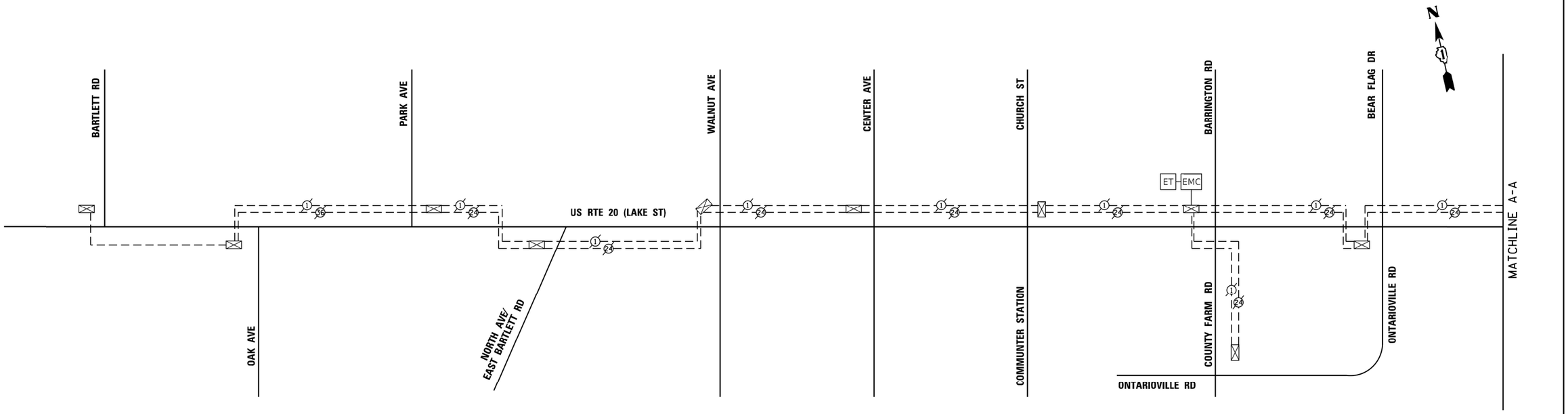
USER NAME = erica.salutz	DESIGNED - ECS	REVISED -	
	DRAWN - ECS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - PAW	REVISED -	
PLOT DATE = 1/13/2023	DATE - 10/20/2022	REVISED -	

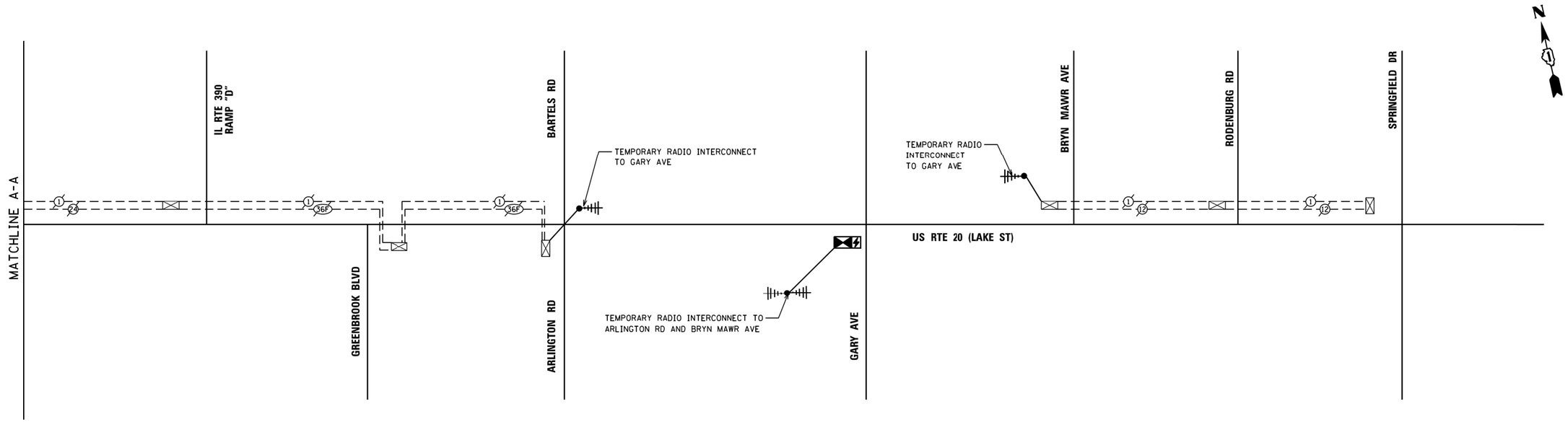
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
US RTE 20 (LAKE ST) AT GARY AVE

SCALE: NTS | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	117
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			





EAGLE 5F

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RUN SCALE = 100.0000 ' / in.
USER NAME = $USERNAME$

MILLENNIA PROFESSIONAL SERVICES
www.mps-il.com

USER NAME = esalutz	DESIGNED - TN	REVISED -
	DRAWN - JP	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - TN	REVISED -
PLOT DATE = 12/12/2022	DATE - 09/28/2022	REVISED -

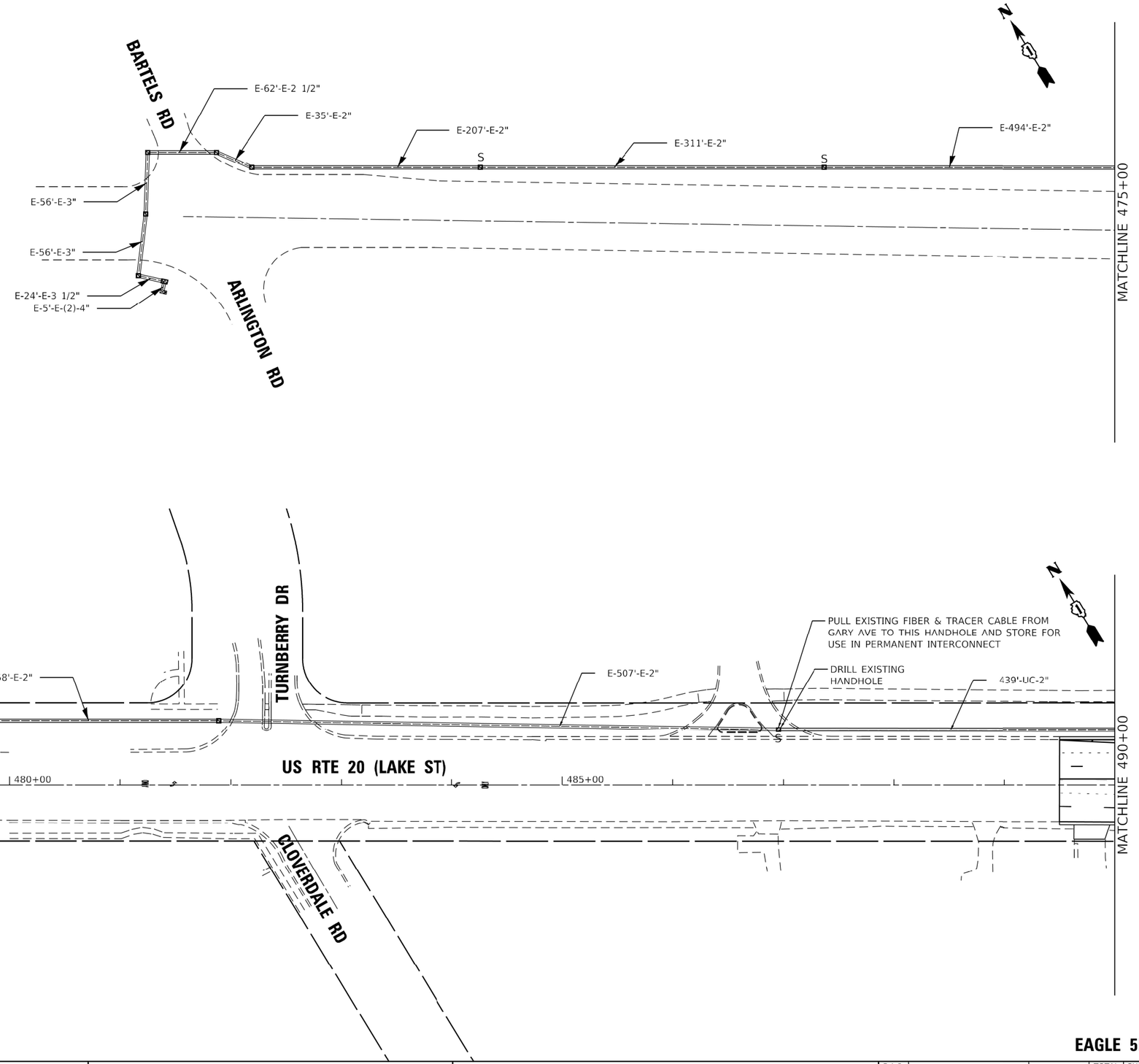
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC
US RTE 20 AT GARY AVE
BARTLETT RD TO SPRINGFIELD RD

SCALE: NTS | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	118
		CONTRACT NO. 62K04		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

$FILE$



TS SHT NO. 17

MODEL: Default
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Sam Schwartz
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CHICAGO, IL 60606
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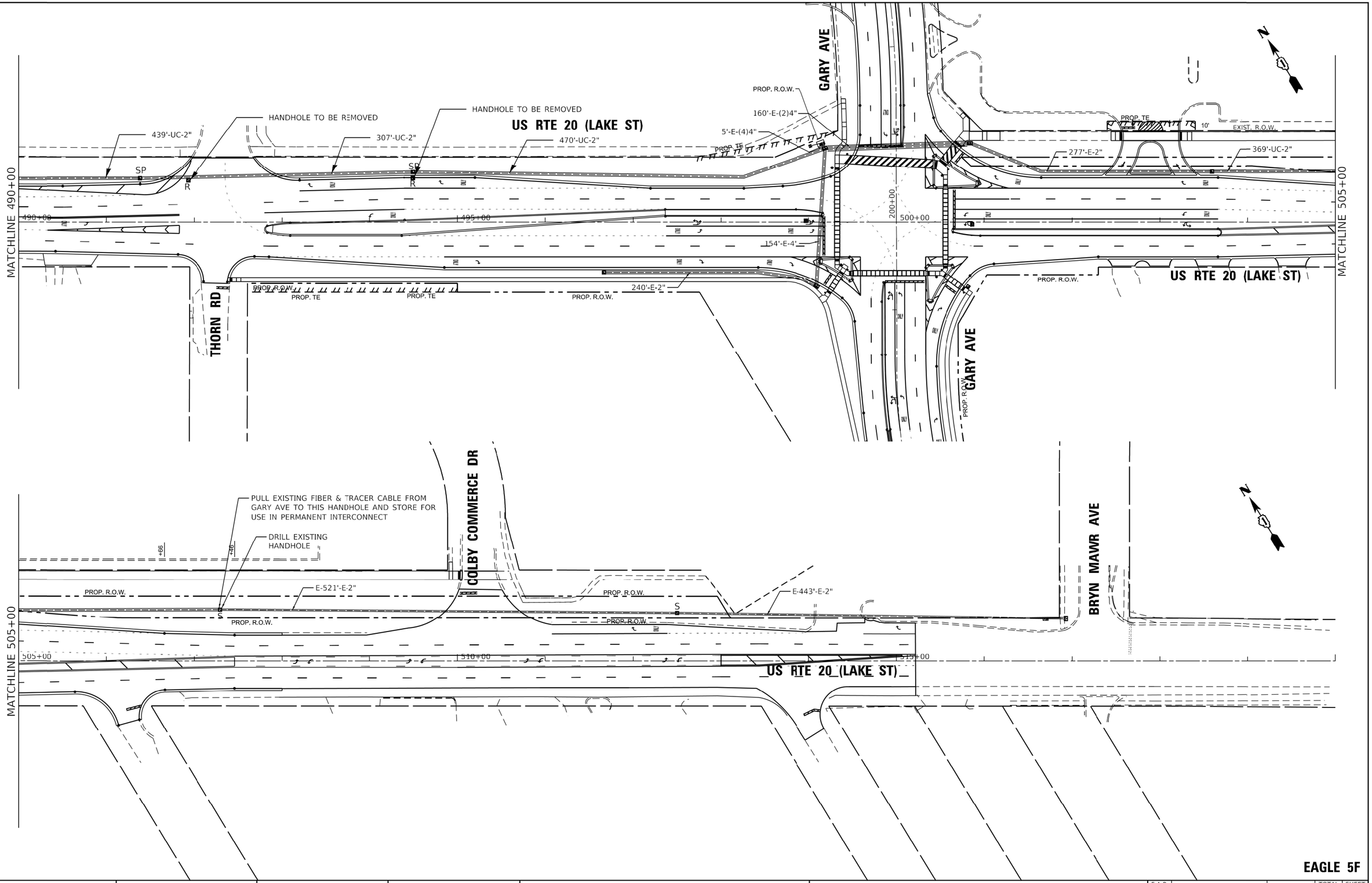
USER NAME = esalutz	DESIGNED - ECS	REVISED -
	DRAWN - ECS	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - PAW	REVISED -
PLOT DATE = 12/12/2022	DATE - 10/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT PLAN (SHEET 1 OF 2)
US RTE 20 (LAKE ST) – BARTLETT RD TO SPRINGFIELD DR

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	119
		CONTRACT NO. 62K04		
		ILLINOIS	FED. AID PROJECT	



TS SHT NO. 18

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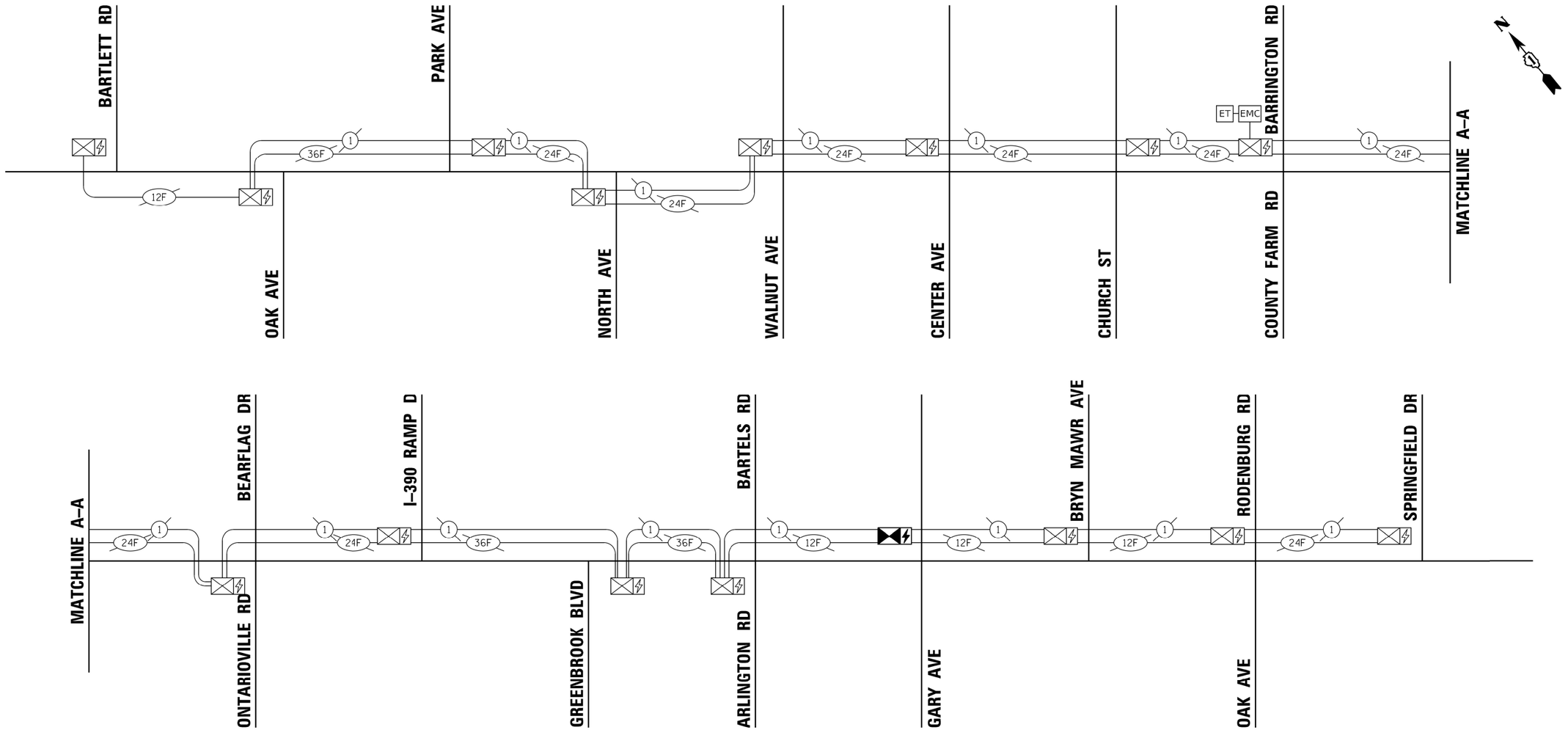
Sam Schwartz 223 W. JACKSON SUITE 1101 CHICAGO, IL 60606 TEL: (773) 305-0800	USER NAME = esalutz	DESIGNED - ECS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED INTERCONNECT PLAN (SHEET 2 OF 2) US RTE 20 (LAKE ST) – BARTLETT RD TO SPRINGFIELD DR
		DRAWN - ECS	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - PAW	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.
	PLOT DATE = 12/12/2022	DATE - 10/20/2022	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	120
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



SCHEDULE OF QUANTITIES

	ITEM DESCRIPTION	UNITS	TOTAL QTY.
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1585
	HANDHOLE	EACH	2
	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
	DRILL EXISTING HANDHOLE	EACH	2
*	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4118
	REMOVE EXISTING HANDHOLE	EACH	2
*	ROD AND CLEAN EXISTING CONDUIT	FOOT	3174
	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM-LEVEL 2	EACH	1

* NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER

NOTES:

1. CONTRACT 62T54 TO REPLACE FIBER

2. PULL FIBER AND TRACER CABLES TO EXISTING HANDHOLES TO REMAIN AND STORE FOR USE BEFORE CONTRACT 62T54.

EAGLE 5F

TS SHT NO. 19

MODEL: Default
FILE NAME: M:\ 2019\3 CH\18-03-5500 IDOT PTB 190 - Various Traffic Signal Design\Graphics\WO 19-096 files\P10494-Sheet Interconnect Schematic.dgn

Sam Schwartz
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CHICAGO, IL 60606
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USER NAME = esalutz	DESIGNED - ECS	REVISED -	
	DRAWN - ECS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - PAW	REVISED -	
PLOT DATE = 12/12/2022	DATE - 10/20/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES
US RTE 20 (LAKE ST) – BARLETT RD TO SPRINGFIELD DR

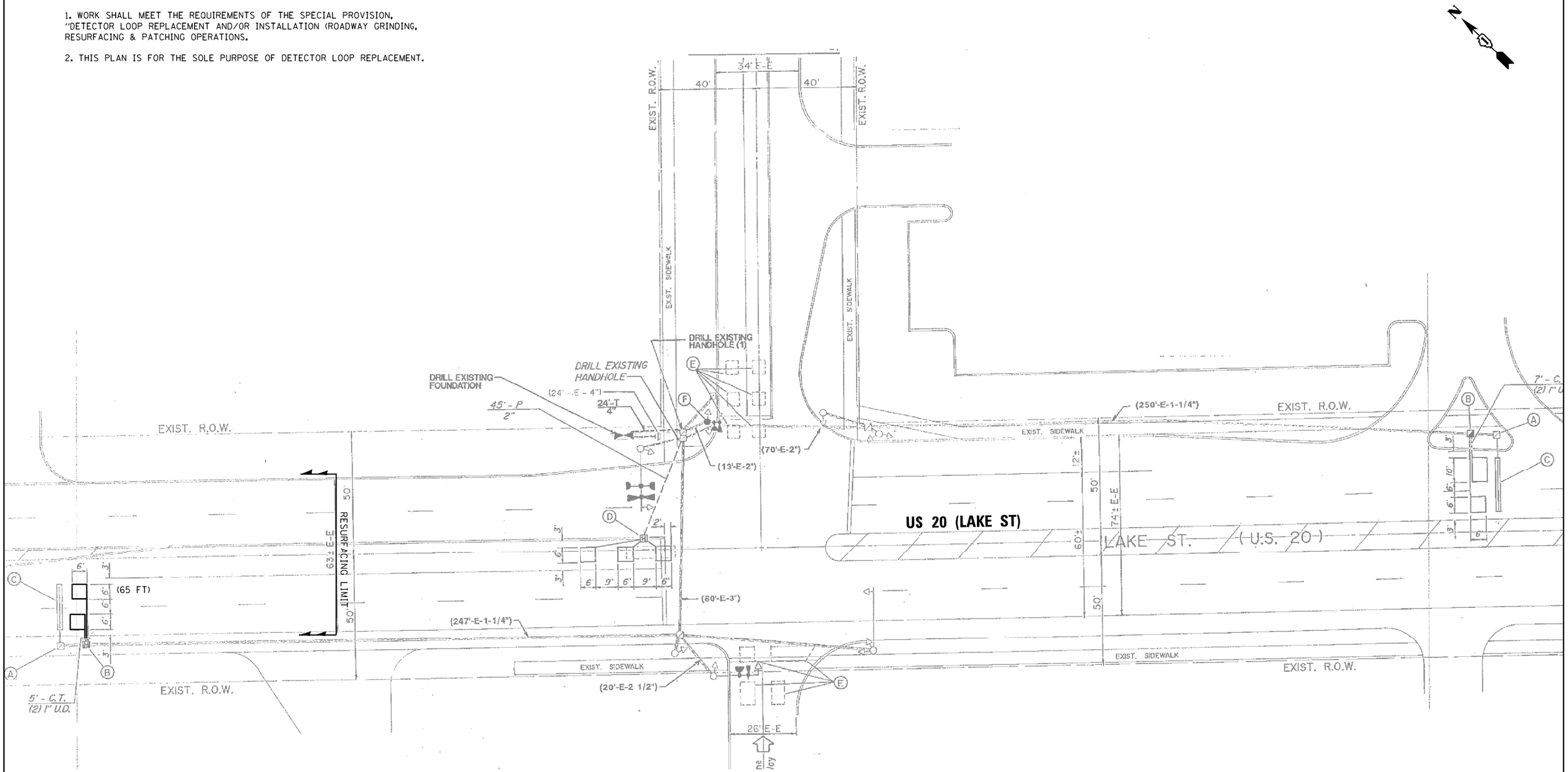
SCALE: NTS | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	121
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS.

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	65	FOOT

TS 7875

FILE NAME = 62K04 - TS 7875 US 20 Lake St @ Bryn Mawr Ave.dgn	USER NAME = vargasa	DESIGNED - AV	REVISED -
		DRAWN - AV	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - KK	REVISED -
Default	PLOT DATE = 6/29/2022	DATE - 06/29/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
US 20 (LAKE ST) AT BRYN MAWR AVE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	122
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation District

SOIL BORING LOG

Page 1 of 1

Date 4/7/21

ROUTE FAP 21 **DESCRIPTION** US 20 (Lake Street) at Gary Avenue **LOGGED BY** M. Esposito

SECTION 201-131-TS&N **LOCATION** North side of, **SEC.** 8, **TWP.** 40N, **RNG.** 10E, 3rd **PM**,
Latitude 41°58'28.596", **Longitude** -88°7'29.1468"

COUNTY DuPage **DRILLING METHOD** HSA **HAMMER TYPE** Auto

STRUCT. NO. NA
Station -

BORING NO. SB-1
Station 483+27
Offset 51.0 ft LT
Ground Surface Elev. 784.10 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After NA **Hrs.** NA ft

Brown, Moist, SILTY CLAY (TOPSOIL)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
782.60				22
Very Stiff to Hard, Brown, Moist to Very Moist, SILTY CLAY		2		
		3 3	2.0 B	32
	-5	2		
		2 4	2.3 B	18
		3		
		3 6	2.6 B	17
	-10	6		
		8 10	5.1 B	14
772.60				
End of Boring				
	-15			
	-20			

SOIL BORING US 20 AT GARY.GPJ IL_DOT.GDT 1/10/22

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation District

SOIL BORING LOG

Page 1 of 1

Date 4/7/21

ROUTE FAP 21 **DESCRIPTION** US 20 (Lake Street) at Gary Avenue **LOGGED BY** M. Esposito

SECTION 201-131-TS&N **LOCATION** North side of, **SEC.** 8, **TWP.** 40N, **RNG.** 10E, 3rd **PM**,
Latitude 41°58'25.9572", **Longitude** -88°7'23.8368"

COUNTY DuPage **DRILLING METHOD** HSA **HAMMER TYPE** Auto

STRUCT. NO. NA
Station -

BORING NO. SB-2
Station 488+13
Offset 39.0 ft LT
Ground Surface Elev. 784.43 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After NA **Hrs.** NA ft

Brown, Moist, SILTY CLAY (TOPSOIL)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
782.93				20
Stiff, Black and Brown mottled, Very Moist, SILTY CLAY		3		
		5 5	2.5 B	28
779.93				
Stiff to Hard, Brown, Moist, SILTY CLAY	-5	2		
		3 3	1.0 B	19
		2		
		2 4	4.3 B	17
	-10	4		
		6 9	6.1 B	17
772.93				
End of Boring				
	-15			
	-20			

SOIL BORING US 20 AT GARY.GPJ IL_DOT.GDT 1/10/22

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWDOT-Documents\IDOT Offices\District 1\Projects\P104914\CADD\stra\Design\P104914-sht-details.dgn

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

SOIL BORING LOGS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	123
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation District

SOIL BORING LOG

Page 1 of 1

Date 3/31/21

ROUTE FAP 21 **DESCRIPTION** US 20 (Lake Street) at Gary Avenue **LOGGED BY** M. Esposito

SECTION 201-131-TS&N **LOCATION** North side of, **SEC.** 8, **TWP.** 40N, **RNG.** 10E, 3rd **PM**,
Latitude 41°58'23.412", **Longitude** -88°7'18.3684"

COUNTY DuPage **DRILLING METHOD** HSA **HAMMER TYPE** Auto

STRUCT. NO. NA
Station -

BORING NO. SB-3
Station 492+98
Offset 39.0 ft LT
Ground Surface Elev. 787.38 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After NA **Hrs.** NA ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black and Brown, Moist, SILTY CLAY (TOPSOIL)				22
785.88				
Stiff, Black and Gray mottled, Moist to Very Moist, SILTY CLAY		3		
		3 6	1.5 S at 13%	21
	-5			
		2		
		3 6	1.6 B	31
781.13				
Very Stiff, Brown, Moist, SILTY CLAY		3		
		5 7	4.0 B	19
	-10			
		3		
		4 7	3.6 B	19
775.88				
End of Boring				
	-15			
	-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation District

SOIL BORING LOG

Page 1 of 1

Date 4/7/21

ROUTE FAP 21 **DESCRIPTION** US 20 (Lake Street) at Gary Avenue **LOGGED BY** M. Esposito

SECTION 201-131-TS&N **LOCATION** North side of, **SEC.** 8, **TWP.** 40N, **RNG.** 10E, 3rd **PM**,
Latitude 41°58'21.6948", **Longitude** -88°7'14.6712"

COUNTY DuPage **DRILLING METHOD** HSA **HAMMER TYPE** Auto

STRUCT. NO. NA
Station -

BORING NO. SB-4
Station 496+00
Offset 39.0 ft LT
Ground Surface Elev. 790.30 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After NA **Hrs.** NA ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown and Black, Moist, SILTY CLAY (TOPSOIL)				18
788.80				
Very Stiff and Hard, Brown, Moist, SILTY CLAY		3		
		4 5	3.9 B	15
	-5			
		4		
		6 8	4.6 B	17
		4		
		7 12	7.6 B	18
	-10			
		4		
		4 9	6.1 B	19
778.80				
End of Boring				
	-15			
	-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

SOIL BORING US 20 AT GARY.GPJ IL_DOT.GDT 1/10/22

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\P10491\ACADData\Design\P10491-sht-detail.dgn

USER NAME = Rana,Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
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PLOT DATE = 3/9/2023	DATE -	REVISED -	

SOIL BORING LOGS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	124
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation District

SOIL BORING LOG

Page 1 of 1

Date 4/15/21

ROUTE FAP 21 DESCRIPTION US 20 (Lake Street) at Gary Avenue LOGGED BY M. Esposito

SECTION 201-131-TS&N LOCATION North side of, SEC. 8, TWP. 40N, RNG. 10E, 3rd PM,
Latitude 41°58'20.3592", Longitude -88°7'10.7112"

COUNTY DuPage DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. NA
Station -

BORING NO. SB-5
Station 499+52
Offset 86.0 ft LT
Ground Surface Elev. 794.21 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter 774.2 ft ▼
Upon Completion 774.2 ft ▽
After NA Hrs. NA ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black and Brown, Very Moist, SILTY CLAY (TOPSOIL)			28
792.21			
Very Stiff, Brown, Very Moist, CLAY	5		
	7 8	4.0 B	25
789.71			
Stiff to Hard, Brown, Moist, SILTY CLAY	-5 4		
	5 8	5.4 S at 15%	17
	3		
	7 7	4.3 B	20
	-10 3		
	5 7	2.0 B	21
	3		
1 inch sand seam at 12.9 feet 781.21			
Stiff to Hard, Gray, Moist, SILTY CLAY	4 8	4.0 B	16
	-15 3		
	5 9	5.4 B	16
777.21			
Stiff, Gray, Moist, SILTY CLAY, with gravel	4		
	4 5		13
	▽-20		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff, Gray, Moist, SILTY CLAY, with gravel *(continued)*	2		
	8 5	2.0 B	17
	4		
	3 4	1.5 P	23
	-25 2		
768.71			
Stiff to Hard, Gray, Moist, SILTY CLAY	3 8	1.7 B	14
	2		
	5 9	4.3 B	11
	-30 3		
	9 16	2.3 B	13
762.71			
End of Boring			
	-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation District

SOIL BORING LOG

Page 1 of 1

Date 4/13/21

ROUTE FAP 21 DESCRIPTION US 20 (Lake Street) at Gary Avenue LOGGED BY M. Esposito

SECTION 201-131-TS&N LOCATION North side of, SEC. 8, TWP. 40N, RNG. 10E, 3rd PM,
Latitude 41°58'18.5196", Longitude -88°7'10.7184"

COUNTY DuPage DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. NA
Station -

BORING NO. SB-6
Station 500+51
Offset 75.0 ft RT
Ground Surface Elev. 796.02 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After NA Hrs. NA ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black and Brown, Moist, SILTY CLAY (TOPSOIL)			22
794.02			
Very Stiff to Hard, Brown, Moist, CLAY	4		
	4 7	2.9 B	24
	-5 5		
	5 8	4.0 S at 14%	17
	5		
	7 7	5.8 B	16
	-10 2		
785.52			
Stiff, Brown, Moist, SILT	3 4	2.2 B	17
783.52			
Hard, Brown, Moist, CLAY	4		
	4 7	5.5 B	17
	-15 3		
	4 7	4.6 B	15
779.02			
Stiff, Brownish Gray, Moist, SILTY CLAY	2		
	4 6	1.8 B	18
776.52	-20		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Stiff, Gray, Moist, CLAY *(continued)*	2		
	4 7	3.2 B	17
	2		
772.02			
	4 7	2.5 B	18
Stiff to Very Stiff, Gray, Moist, SILTY CLAY	-25 3		
	5 6	2.2 B	14
	4		
2 inch silt seam at 27.8 feet.	5 4	2.2 B	19
	-30 3		
	4 6	1.5 B	12
764.52			
End of Boring			
	-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

SOIL BORING US 20 AT GARY.GPJ IL_DOT.GDT 1/10/22

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	125
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation District

SOIL BORING LOG

Page 1 of 1

Date 3/31/21

ROUTE FAP 21 **DESCRIPTION** US 20 (Lake Street) at Gary Avenue **LOGGED BY** M. Esposito

SECTION 201-131-TS&N **LOCATION** North side of, **SEC.** 8, **TWP.** 40N, **RNG.** 10E, 3rd **PM**,
Latitude 41°58'19.4772", **Longitude** -88°7'9.5088"

COUNTY DuPage **DRILLING METHOD** HSA **HAMMER TYPE** Auto

STRUCT. NO. NA
Station -

BORING NO. SB-7
Station 500+75
Offset 66.0 ft LT
Ground Surface Elev. 797.56 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After NA **Hrs.** NA ft

Brown, Moist, SILTY CLAY (TOPSOIL)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
795.56				21
Very Stiff to Hard, Brown, Moist, SILTY CLAY		2		
		2 2	3.3 P	17
	-5	4		
		5 5	4.3 B	16
		3		
		6 9	3.2 B	20
	-10	2		
		4 6	3.1 B	18
786.06				
End of Boring				
	-15			
	-20			

SOIL BORING US 20 AT GARY.GPJ IL_DOT.GDT 1/10/22

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation District

SOIL BORING LOG

Page 1 of 1

Date 3/31/21

ROUTE FAP 21 **DESCRIPTION** US 20 (Lake Street) at Gary Avenue **LOGGED BY** M. Esposito

SECTION 201-131-TS&N **LOCATION** North side of, **SEC.** 8, **TWP.** 40N, **RNG.** 10E, 3rd **PM**,
Latitude 41°58'17.8788", **Longitude** -88°7'6.1932"

COUNTY DuPage **DRILLING METHOD** HSA **HAMMER TYPE** Auto

STRUCT. NO. NA
Station -

BORING NO. SB-8
Station 503+66
Offset 56.0 ft LT
Ground Surface Elev. 797.67 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After NA **Hrs.** NA ft

Brown, Very Moist, SILTY CLAY (TOPSOIL)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
795.67				32
Very Stiff to Hard, Brown, Moist, SILTY CLAY		3		
		4 5	2.8 P	15
	-5	4		
		5 6	3.8 B	17
		4		
		7 10	8.1 S at 15%	18
	-10	4		
		7 11	7.5 B	18
786.17				
End of Boring				
	-15			
	-20			

SOIL BORING US 20 AT GARY.GPJ IL_DOT.GDT 1/10/22

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

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	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	126
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation District

SOIL BORING LOG

Page 1 of 1

Date 4/2/21

ROUTE FAP 21 DESCRIPTION US 20 (Lake Street) at Gary Avenue LOGGED BY M. Esposito

SECTION 201-131-TS&N LOCATION North side of, SEC. 8, TWP. 40N, RNG. 10E, 3rd PM,
Latitude 41°58'16.0392", Longitude -88°7'13.4472"

COUNTY DuPage DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. NA
Station -

BORING NO. SB-9
Station 196+10
Offset 33.0 ft LT
Ground Surface Elev. 797.69 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After NA Hrs. NA ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black, Moist, SILTY CLAY (TOPSOIL) 796.69				16
Very Stiff, Brown, Moist, SILTY CLAY 794.69		3		
Very Stiff to Hard, Black, Moist to Very Moist, SILTY CLAY	-5	5 8	3.9 B	16
		2		
790.69		4 6	2.5 P	29
Medium Stiff, Brown, Very Moist, SILT 788.19		1		
		2 3	0.8 P	26
Hard, Brown, Moist, SILTY CLAY 786.19	-10	4		
		6 8	4.3 B	20
End of Boring	-15			
	-20			

SOIL BORING US 20 AT GARY.GPJ IL_DOT.GDT 1/10/22

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation District

SOIL BORING LOG

Page 1 of 1

Date 4/2/21

ROUTE FAP 21 DESCRIPTION US 20 (Lake Street) at Gary Avenue LOGGED BY M. Esposito

SECTION 201-131-TS&N LOCATION North side of, SEC. 8, TWP. 40N, RNG. 10E, 3rd PM,
Latitude 41°58'17.112", Longitude -88°7'11.892"

COUNTY DuPage DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. NA
Station -

BORING NO. SB-10
Station 197+12
Offset 46.0 ft RT
Ground Surface Elev. 793.54 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After NA Hrs. NA ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black, Mois:, SILTY CLAY (TOPSOIL) 792.54				19
Medium Stiff, Black, Very Moist, LOAM		1		
		1 3	0.5 B	32
788.54	-5	6		
Medium Stiff, Black and Gray, Very Moist, CLAY		2 1	0.5 P	37
786.54				
Medium Stiff to Very Stiff, Brown, Moist, SILTY CLAY encountered cobble at 8 feet.		0		
		2 5	0.5 P	23
	-10	3		
782.04		5 8	3.2 B	16
End of Boring	-15			
	-20			

SOIL BORING US 20 AT GARY.GPJ IL_DOT.GDT 1/10/22

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

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	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

SOIL BORING LOGS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	127
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation District

SOIL BORING LOG

Date 4/2/21

ROUTE FAP 21 **DESCRIPTION** US 20 (Lake Street) at Gary Avenue **LOGGED BY** M. Esposito

SECTION 201-131-TS&N **LOCATION** North side of, **SEC.** 8, **TWP.** 40N, **RNG.** 10E, 3rd **PM**,
Latitude 41°58'23.2176", **Longitude** -88°7'8.796"

COUNTY DuPage **DRILLING METHOD** HSA **HAMMER TYPE** Auto

STRUCT. NO. NA
Station -

BORING NO. SB-11
Station 204+03
Offset 42.0 ft LT
Ground Surface Elev. 792.80 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After NA **Hrs.** NA ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown, Moist, SILTY CLAY (TOPSOIL)				27
791.30				
Stiff, Black, Brown, Gray mottled, Very Moist, SILTY CLAY		3		
		3 5	1.7 B	27
788.30				
Stiff to Very Stiff, Brown, Moist to Very Moist, SILTY CLAY	-5	2		
		2 5	1.6 S at 15%	27
		1		
		2 2	1.1 B	26
	-10	3		
		5 7	3.7 B	21
781.30				
End of Boring				
	-15			
	-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

SOIL BORING US 20 AT GARY.GPJ IL_DOT.GDT 1/10/22

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PLOT DATE = 3/9/2023	DATE -	REVISED -	

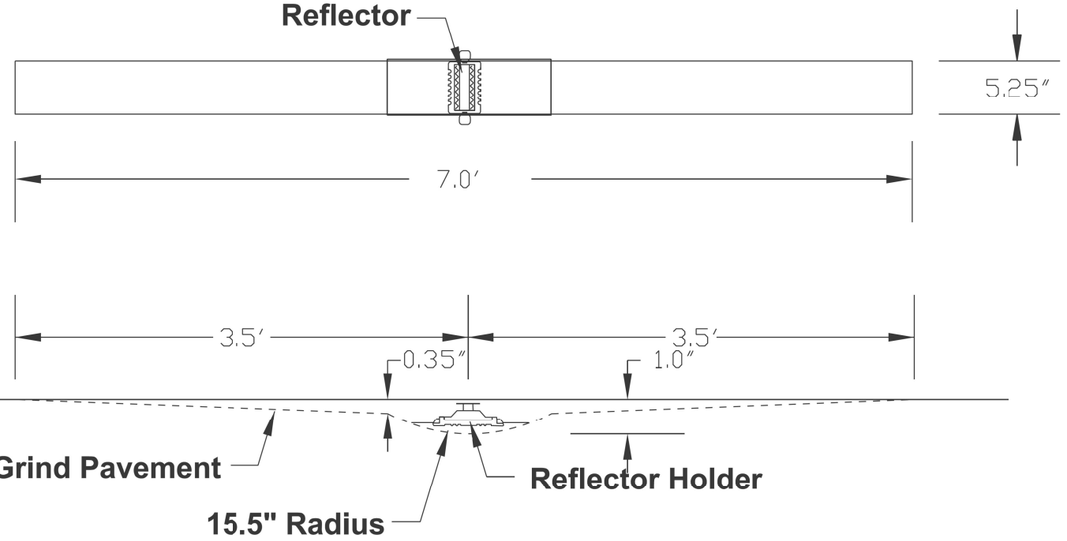
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

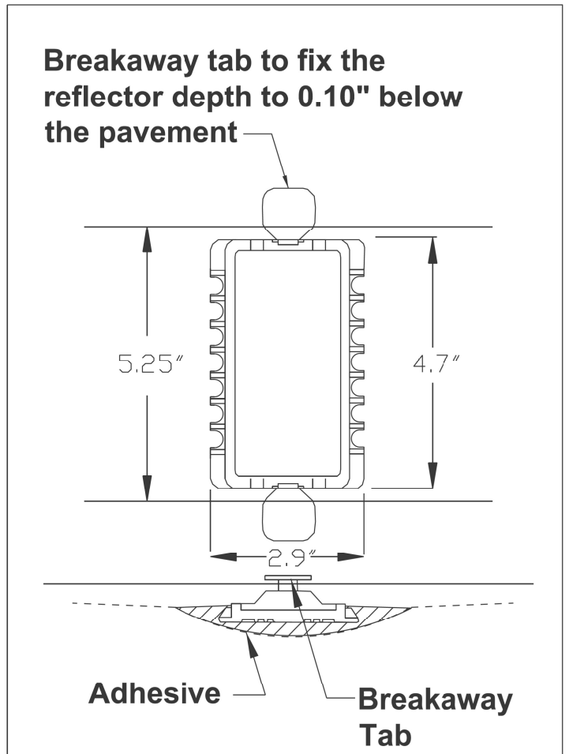
SOIL BORING LOGS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	128
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

RECESSED PAVEMENT MARKER





Reflector Holder Detail

1/30/2018
DuPAGE COUNTY D.O.T.

USER NAME = Rana.Kalo	DESIGNED -	REVISED - T. RAMMACHER 03-02-98	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 3/9/2023	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

RECESSED PAVEMENT MARKER DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	129
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

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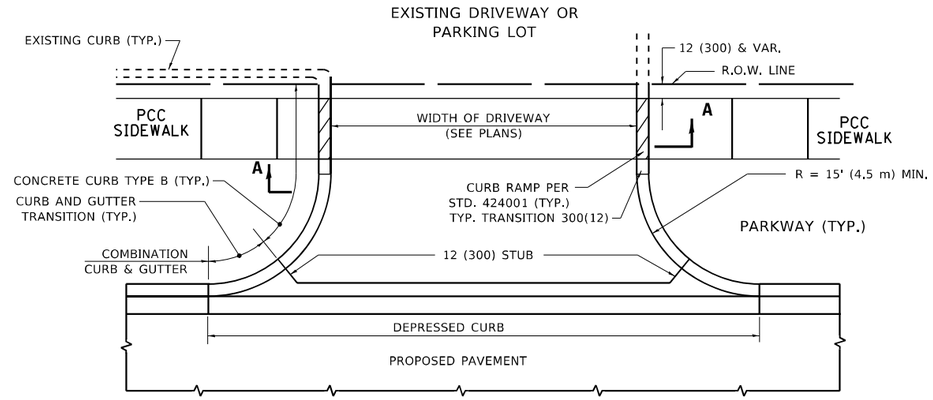
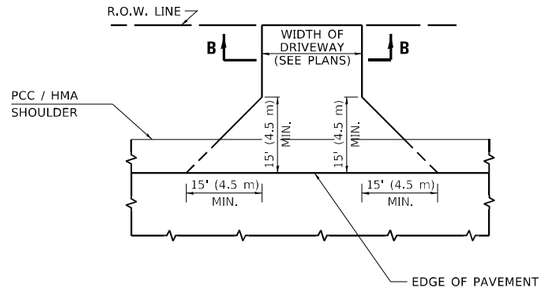
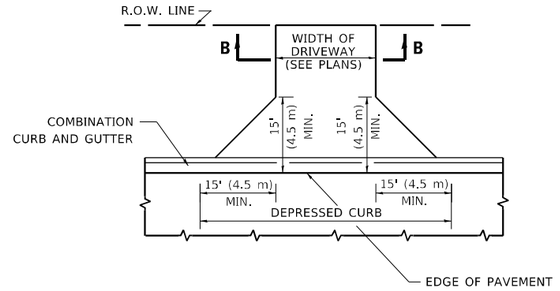


WITH CONCRETE CURB, TYPE B



ADJACENT TO PCC /HMA SHOULDER



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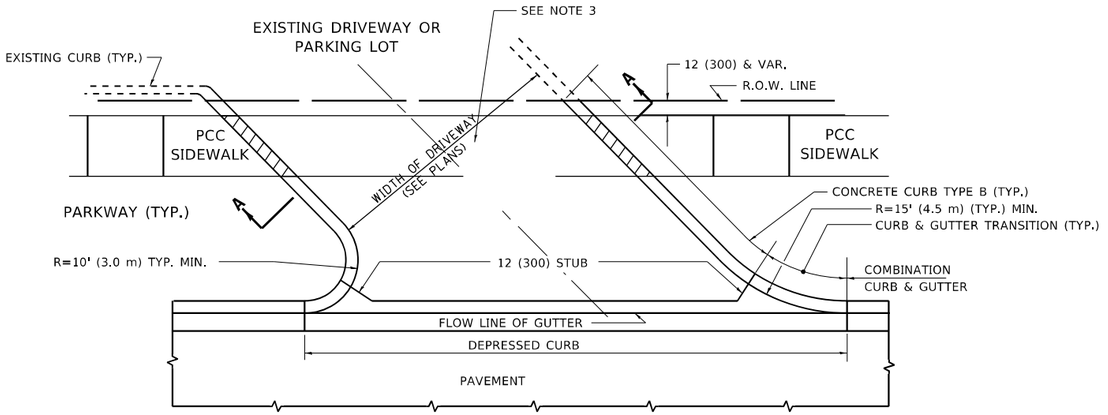
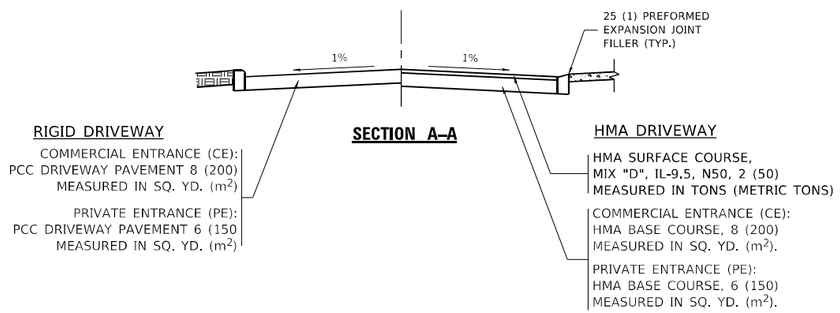
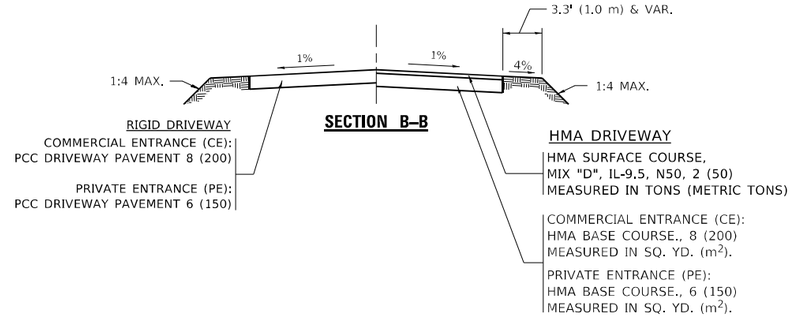


WITH CONCRETE CURB, TYPE B





GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

2. COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

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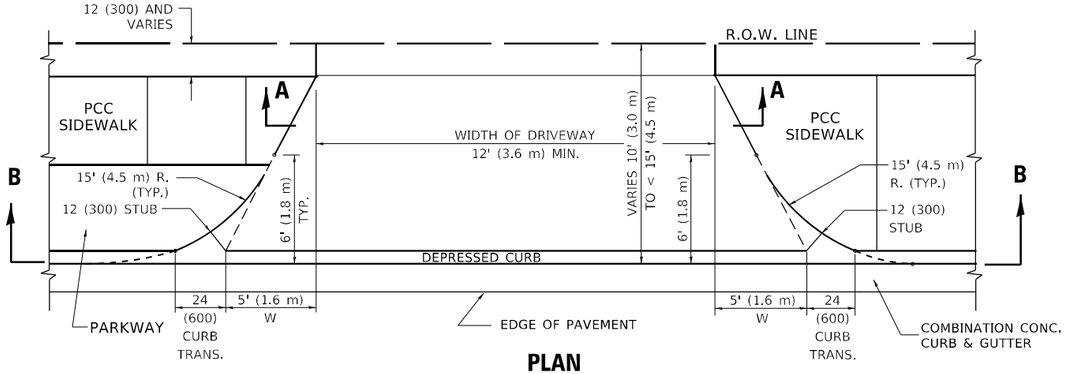
	DRAWN -	REVISED - R. BORO 09-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-28-19	
PLOT DATE = 3/9/2023	DATE - 11-04-95	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

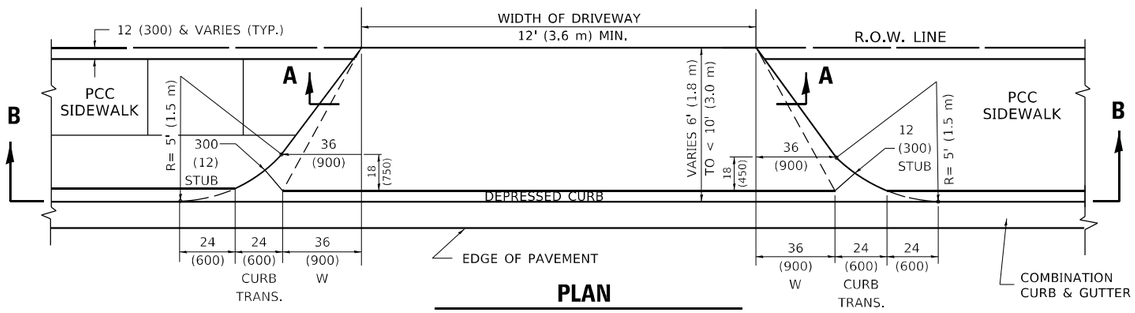
DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥15'(4.5m)

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

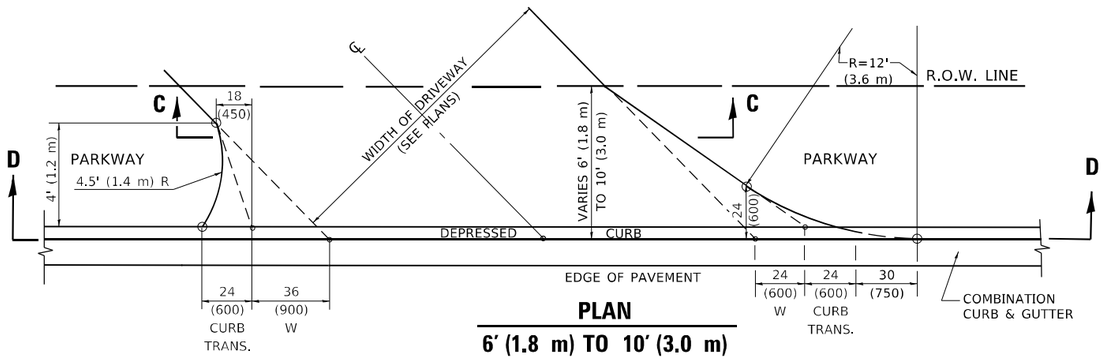
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	130
	BD400–01 (BD–01)	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



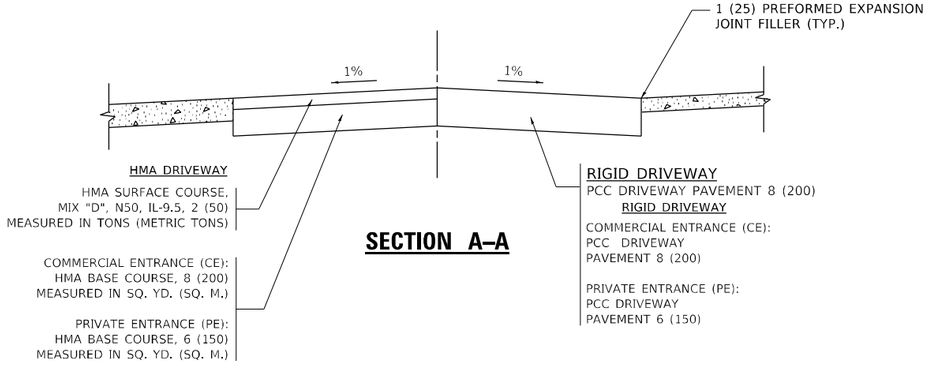
PLAN
10' (3.0 m) TO < 15' (4.5 m)



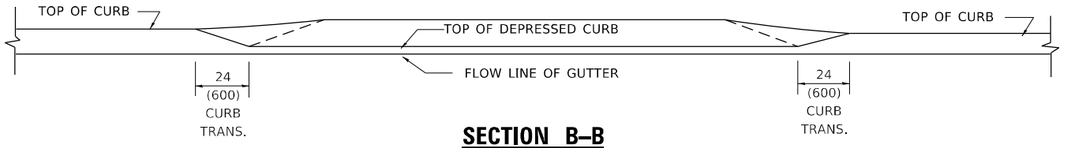
PLAN
6' (1.8 m) TO < 10' (3.0 m)



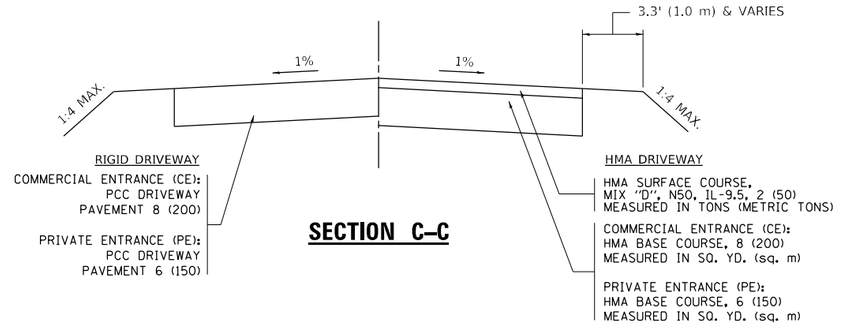
PLAN
6' (1.8 m) TO 10' (3.0 m)



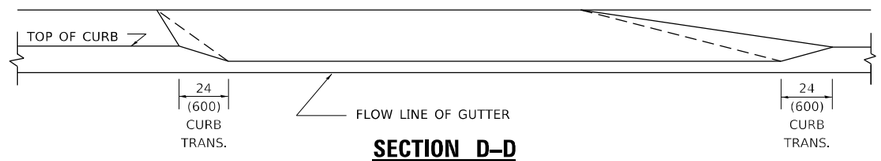
SECTION A–A



SECTION B–B



SECTION C–C



SECTION D–D

GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

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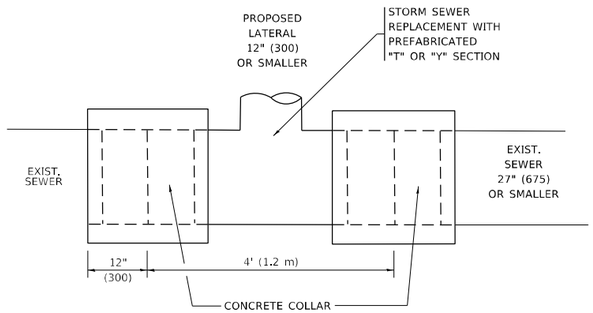
	DRAWN -	REVISED - R. BORO 09-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-27-19	
PLOT DATE = 3/9/2023	DATE - 11-06-95	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

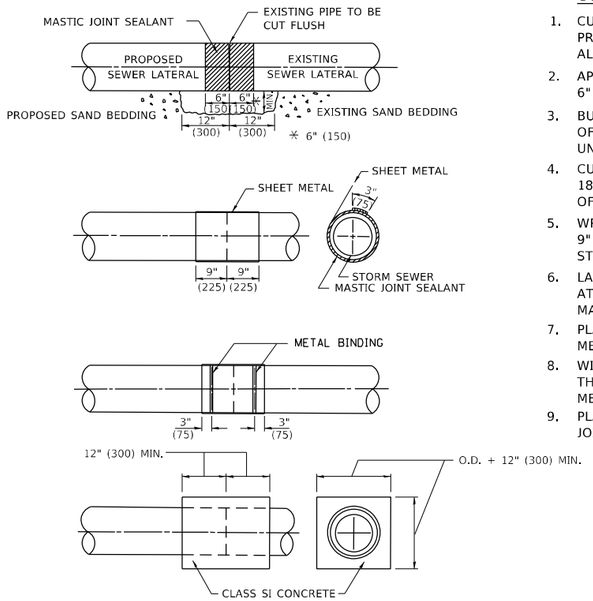
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	131
	BD400–02 (BD–02)	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



DETAIL "A"

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

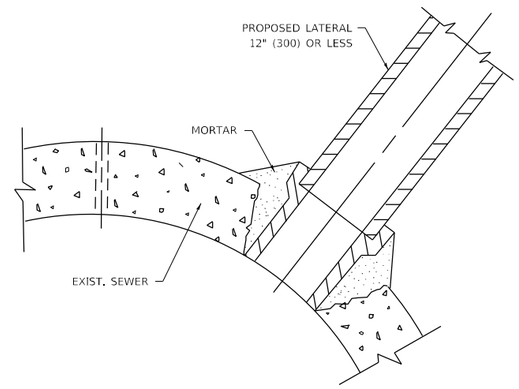


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT, BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

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

NOTES:

MATERIAL

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

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

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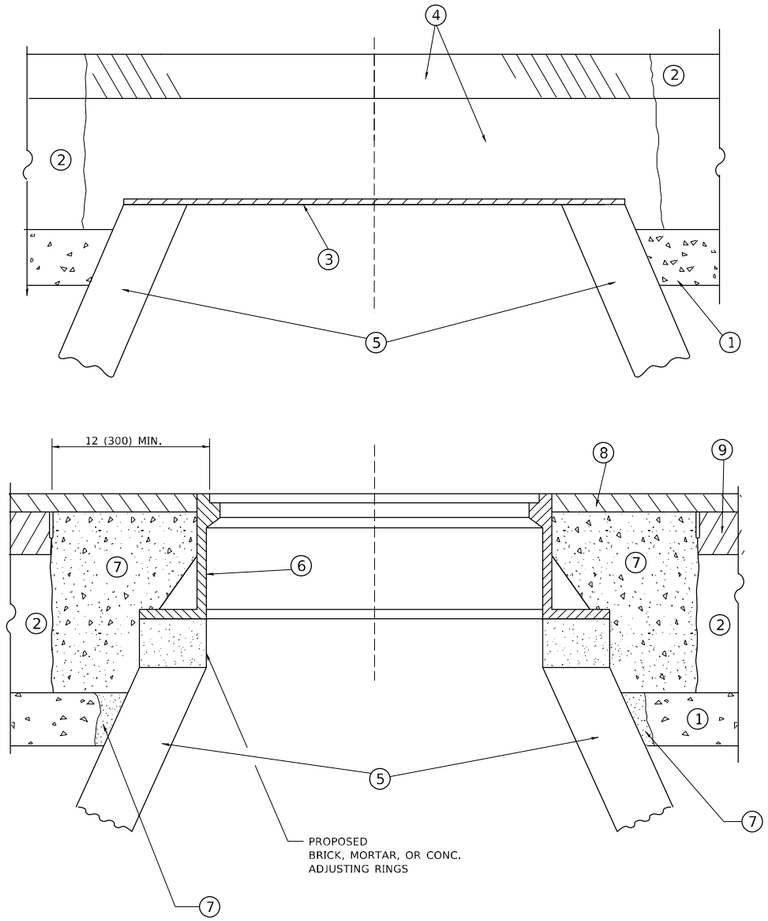
	DRAWN -	REVISED - R. SHAH 10-25-94	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. SHAH 06-12-96	
PLOT DATE = 3/9/2023	DATE - 07-25-90	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	132
	BD500-01 (BD-07)	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

1. 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 IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.

B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.

C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.

D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.

B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.

C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS*PP-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

1. SUB-BASE GRANULAR MATERIAL
2. EXISTING PAVEMENT
3. 36 (900) DIAMETER METAL PLATE
4. PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5. EXISTING STRUCTURE
6. FRAME AND LID (SEE NOTES)
7. CLASS*PP-1 CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES

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.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: Default
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USER NAME = Rana,Kalo	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	
	DRAWN -	REVISED - R. BORO 03-09-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-06-11	
PLOT DATE = 3/9/2023	DATE - 10-25-94	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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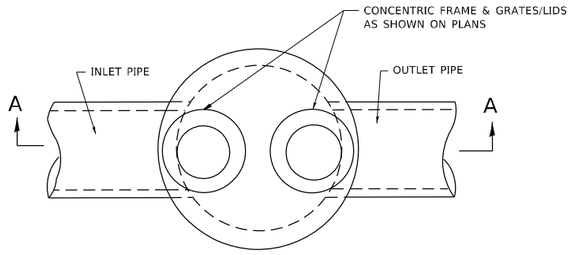
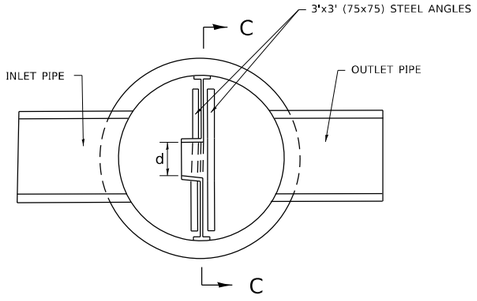
	BD600-03 (BD-08)	CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		



PLAN



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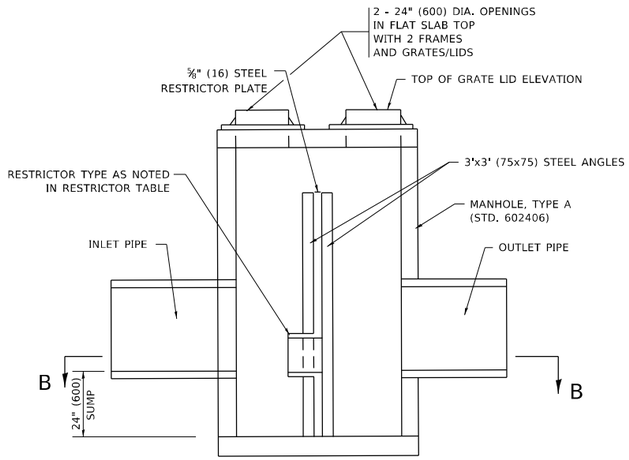
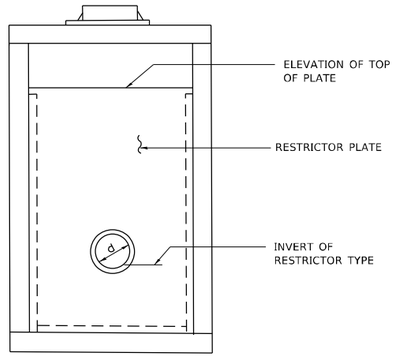
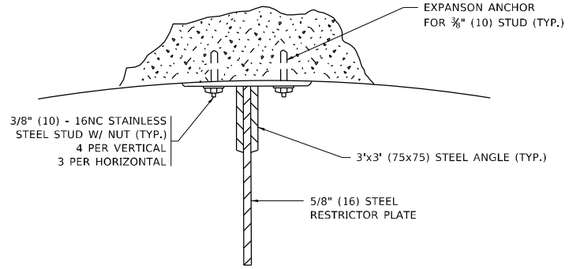


SECTION A–A



SECTION C–C



ANGLE FASTENER DETAIL

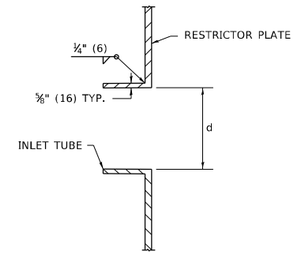
NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.

BASIS OF PAYMENT:

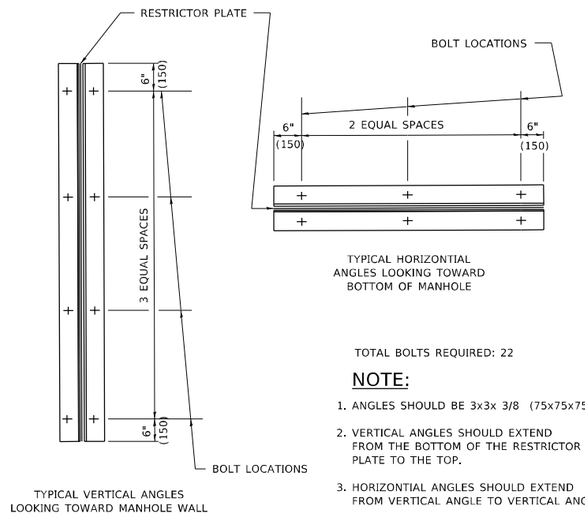
1. TO BE PAID FOR AS "MANHOLES ,TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH

2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



INLET TUBE DETAIL

STATION AND OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW



TYPICAL VERTICAL ANGLES
LOOKING TOWARD MANHOLE WALL

TYPICAL HORIZONTAL
ANGLES LOOKING TOWARD
BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3x3x 3/8 (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: ½ TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-½ DIA.	LENGTH: 2-½ DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR
AND SQUARE ORIFICES

STEEL ANGLE BOLTING DETAILS

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

USER NAME = Rana.Kalo	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 01-08-01	
PLOT DATE = 3/9/2023	DATE - 09-09-94	REVISED - K. SMITH 11-18-22	

MANHOLE WITH RESTRICTOR PLATE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	134
BD600–04	(BD–12)	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

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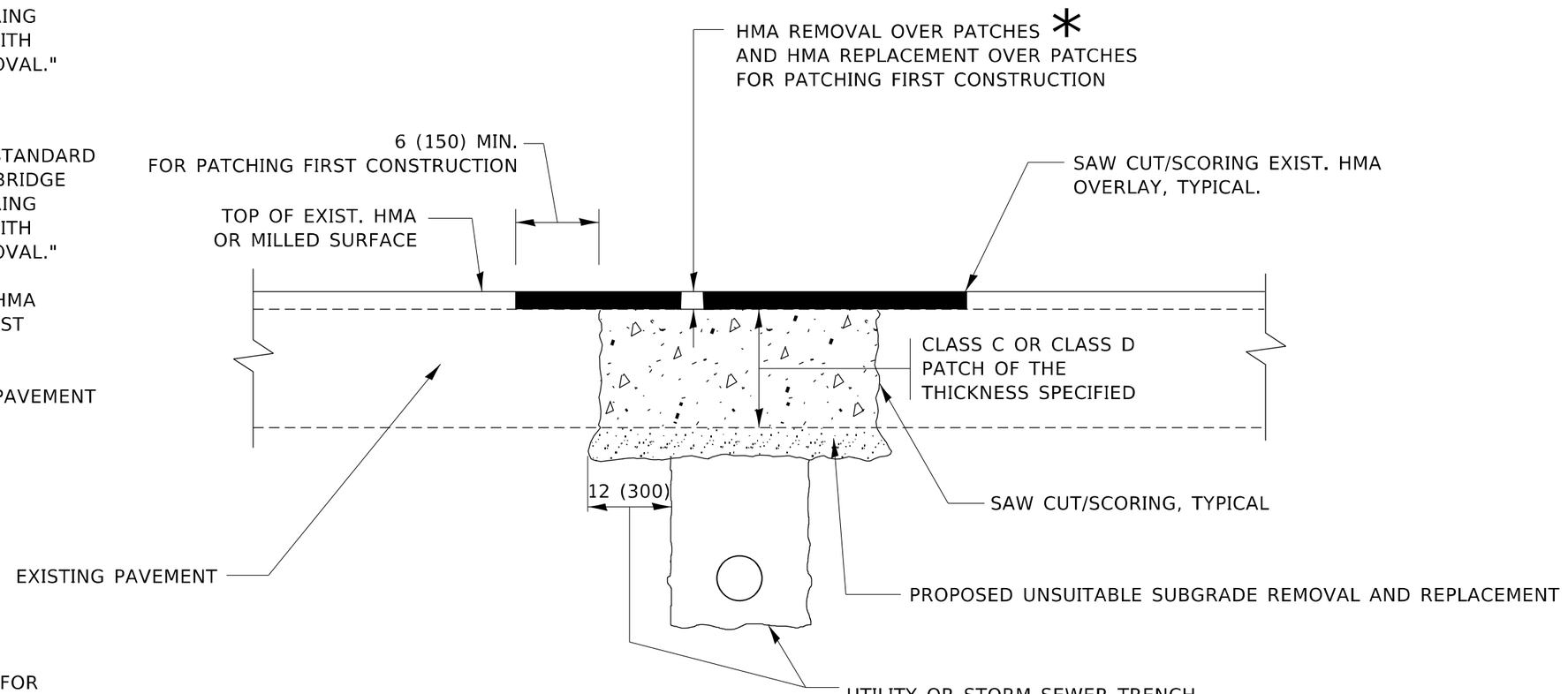
METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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USER NAME = Rana.Kalo	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT**	
	DRAWN -	REVISED - R. BORO 09-04-07			
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08			
PLOT DATE = 3/9/2023	DATE - 10-25-94	REVISED - K. SMITH 11-18-22		SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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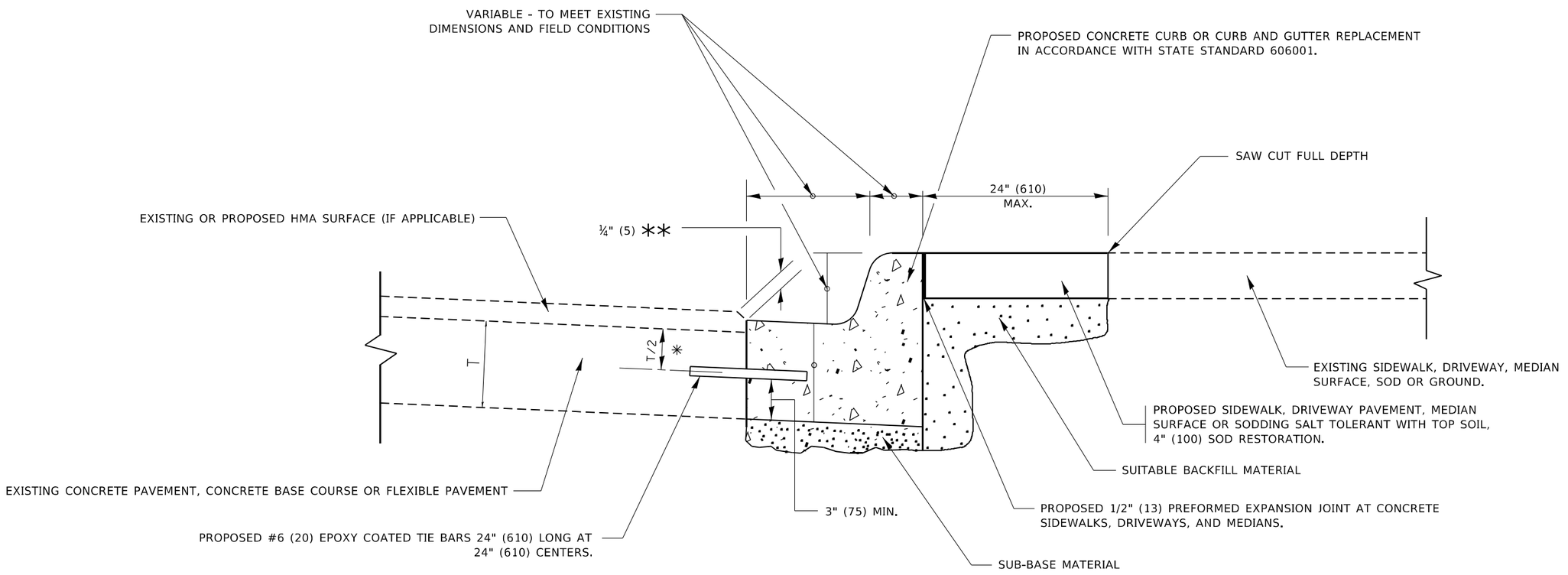

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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	DRAWN -	REVISED - M. GOMEZ 01-22-01	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09	
PLOT DATE = 3/9/2023	DATE - 03-11-94	REVISED - K. SMITH 07-11-19	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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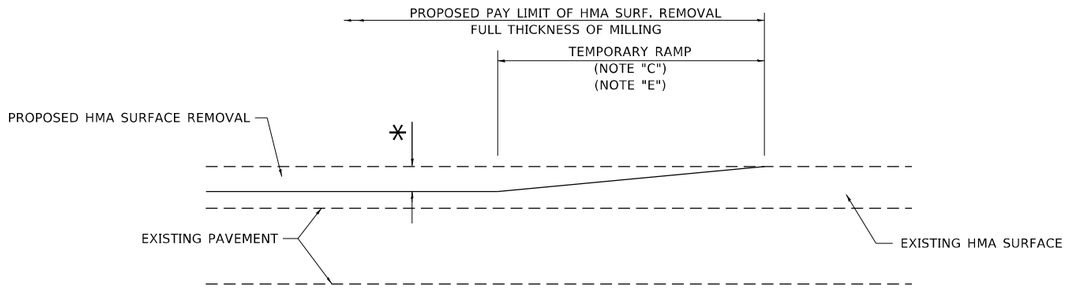
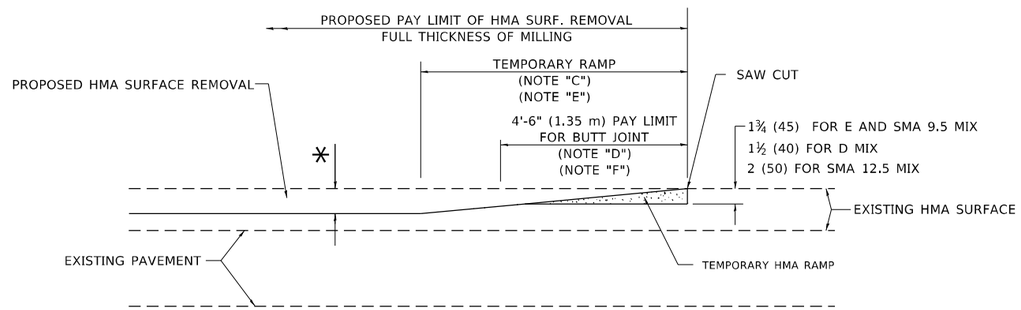


MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

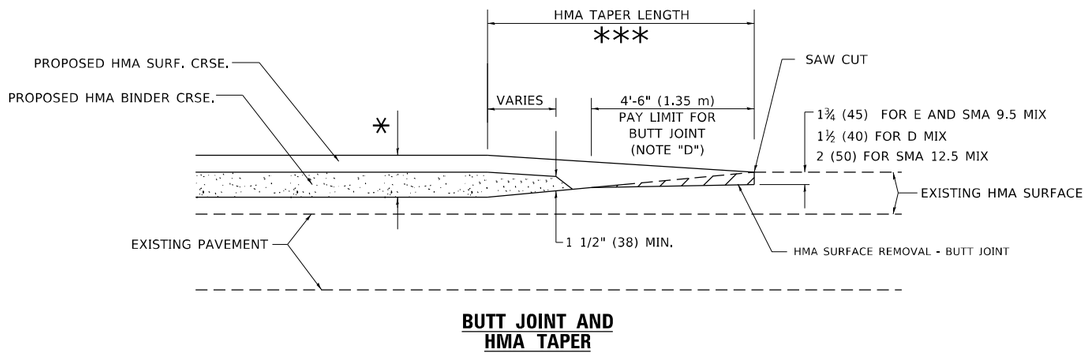


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

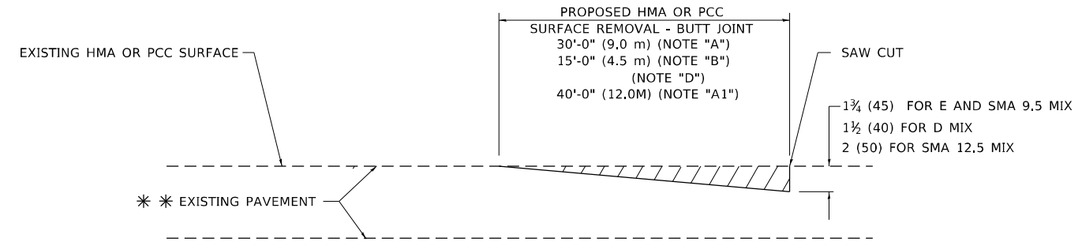
OPTION 2

TYPICAL TEMPORARY RAMP

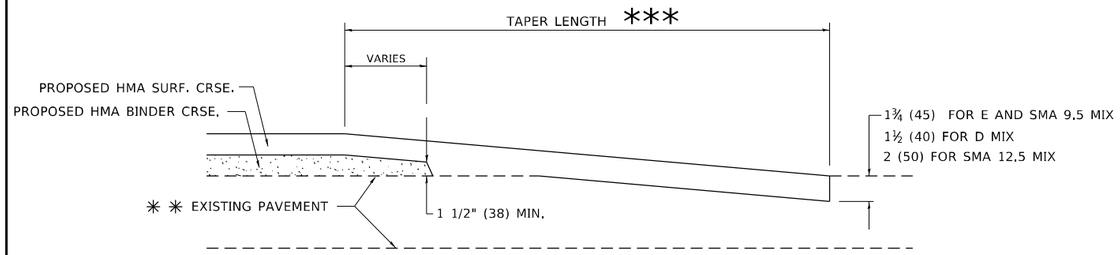


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

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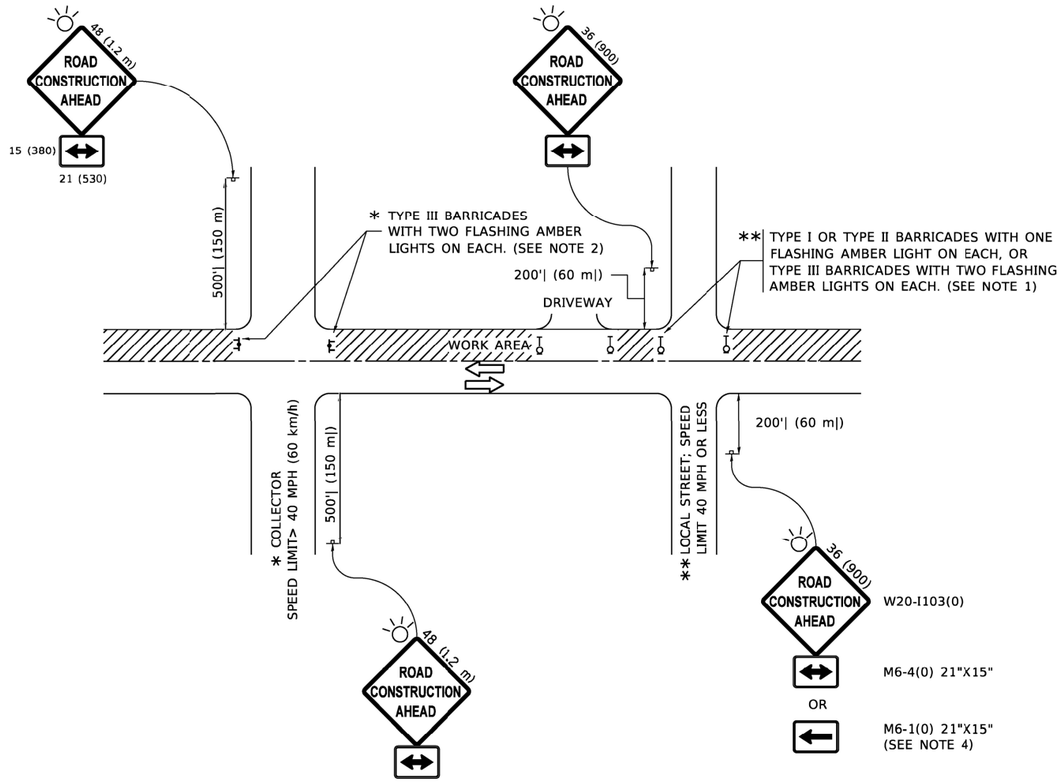
USER NAME = Rana,Kalo	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97	
	DRAWN -	REVISED - M. GOMEZ 04-06-01	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07	
PLOT DATE = 3/9/2023	DATE - 06-13-90	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	137
	BD400-05 BD-32	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTICN OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTICN OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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USER NAME = kalorm	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13	
PLOT DATE = 2/7/2022	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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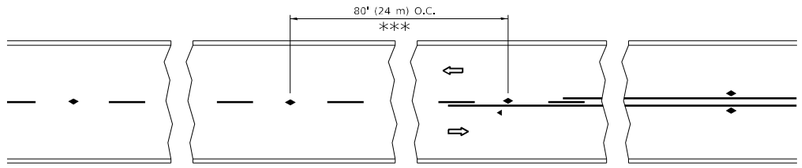
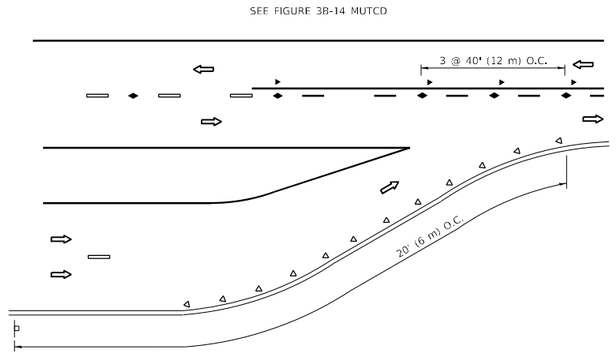
	ILLINOIS FED. AID PROJECT			



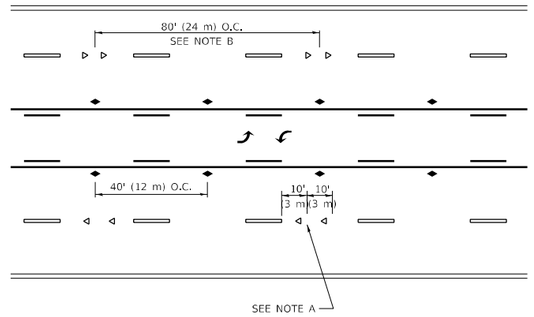
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

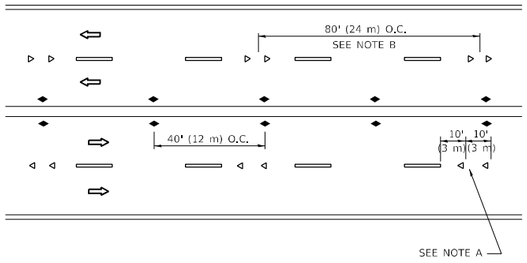
SEE FIGURE 3B-14 MUTCD



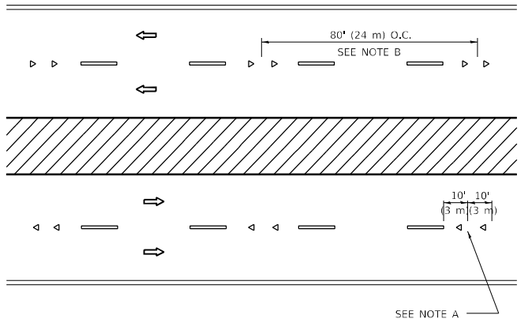
LANE REDUCTION TRANSITION



TWO–WAY LEFT TURN



MULTI–LANE/UNDIVIDED



MULTI–LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

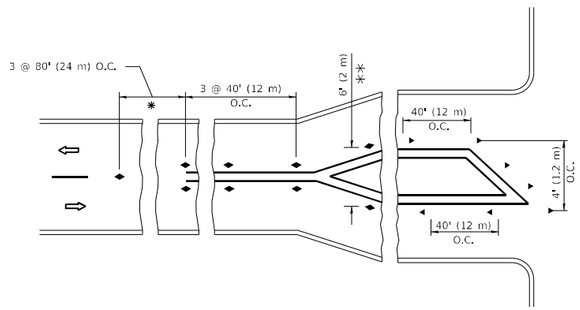
LANE MARKER NOTES

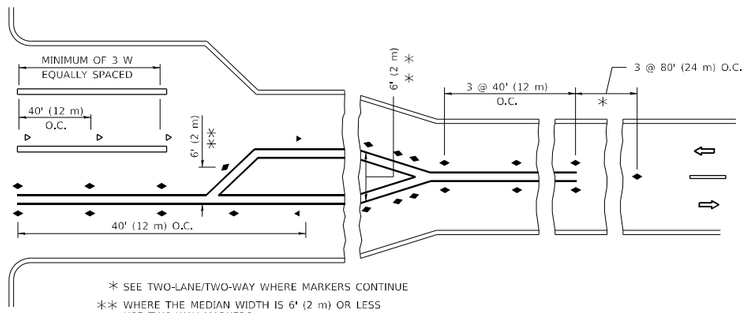
A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

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	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09	
PLOT DATE = 3/9/2023	DATE -	REVISED - C. JUCIUS 07-01-13	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW–PLOW RESISTANT)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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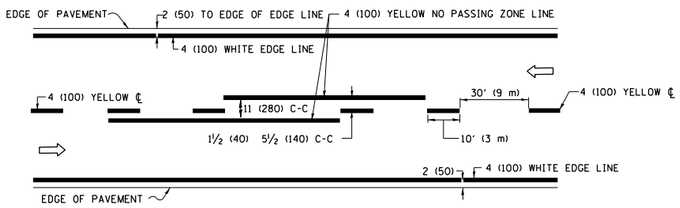
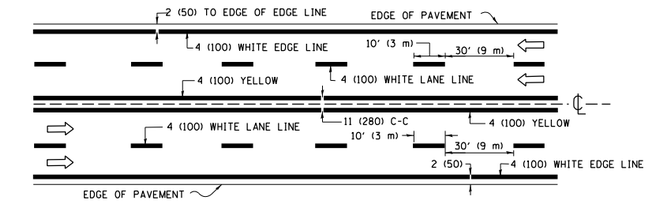
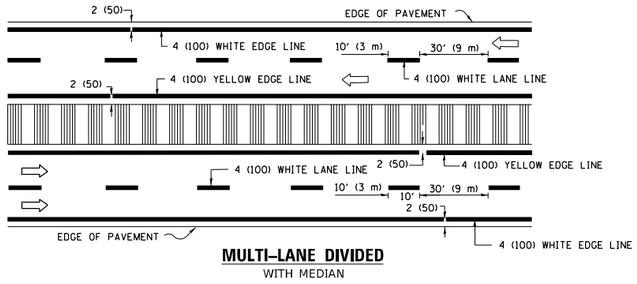
	ILLINOIS FED. AID PROJECT			



2–LANE ROADWAY

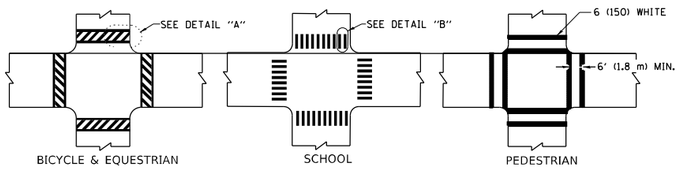


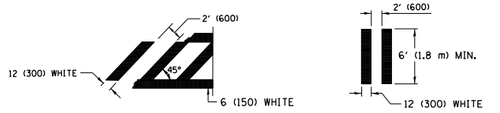
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

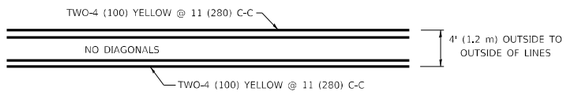




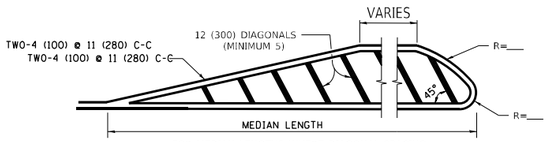
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

✳ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



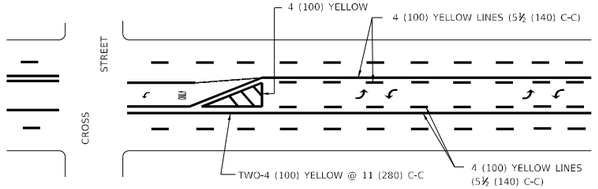
4' (1.2 m) WIDE MEDIANS ONLY



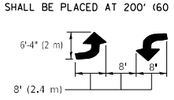
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

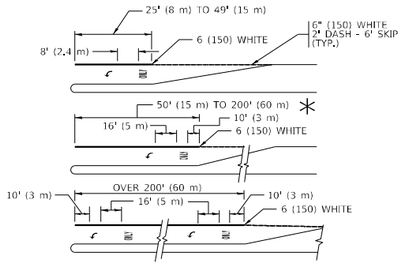


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

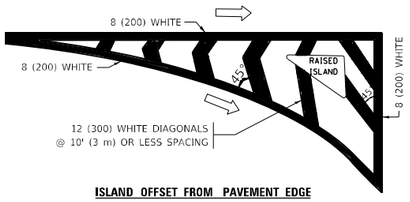


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m ²

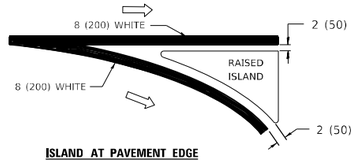
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

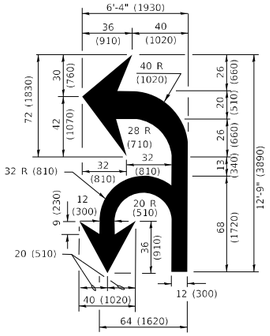


ISLAND OFFSET FROM PAVEMENT EDGE

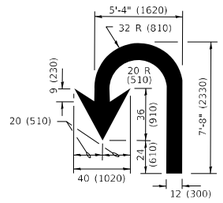


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

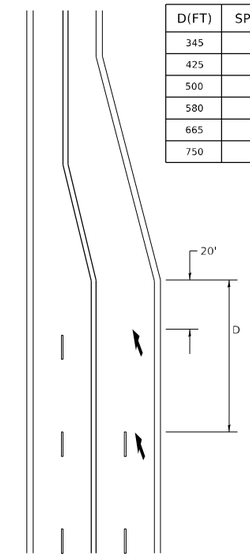


COMBINATION LEFT AND U–TURN



U–TURN

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55



LANE REDUCTION TRANSITION

✳ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH: 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ² EACH "X"=54.0 SQ. FT. (5.0 m ²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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USER NAME = Rana,Kalo	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15	
PLOT DATE = 3/9/2023	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	140
	TC–13	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

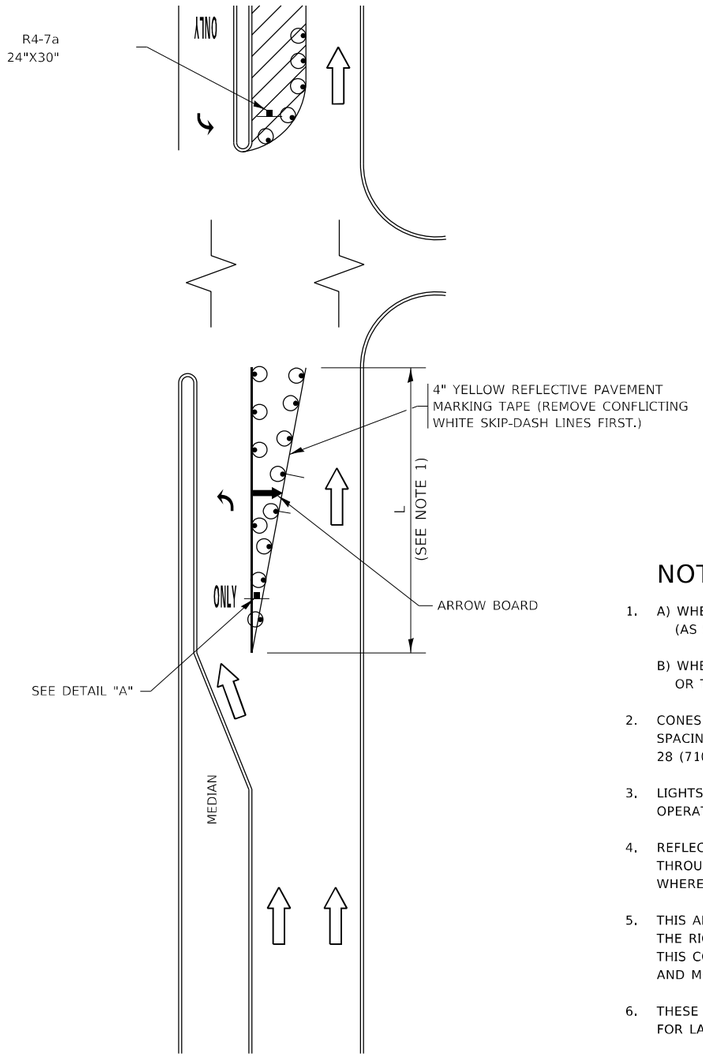


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.

2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

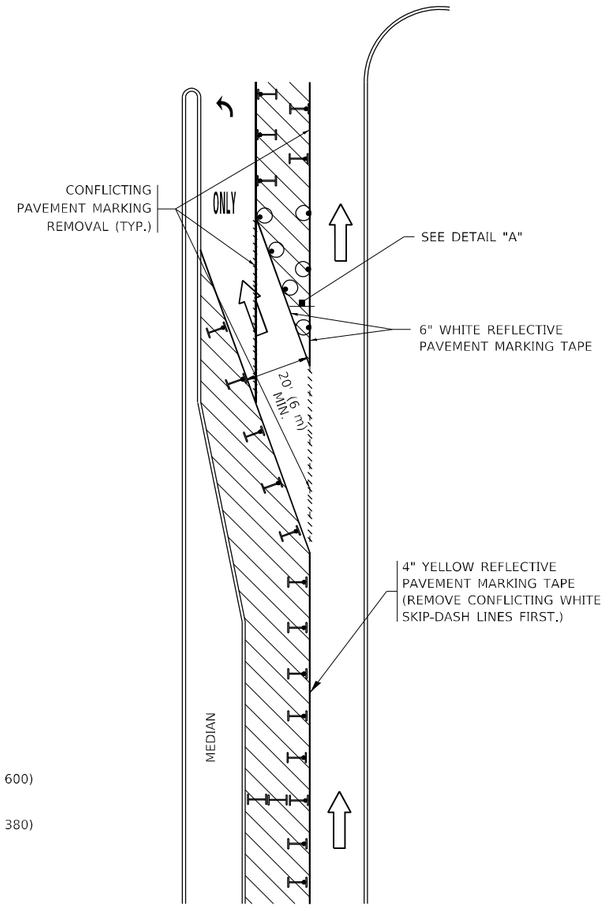
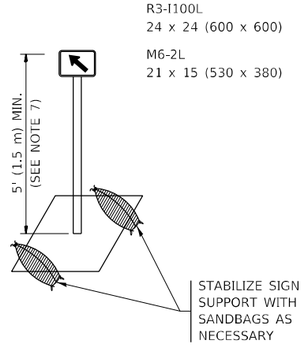


FIGURE 2



DETAIL A

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

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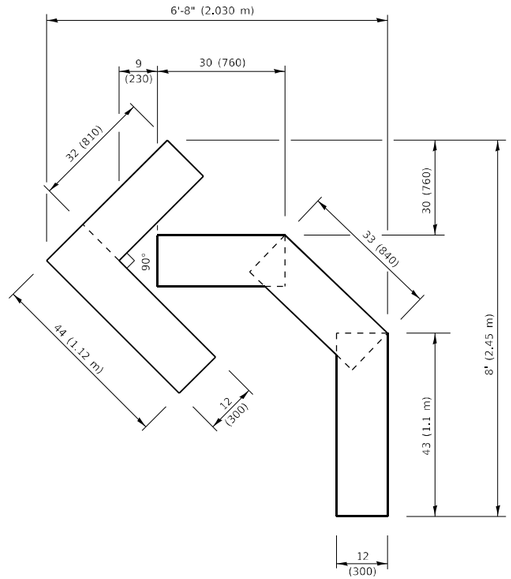
USER NAME = Rana,Kalo	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 100.0000 ' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 3/9/2023	DATE - T. RAMMACHER 01-06-00	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

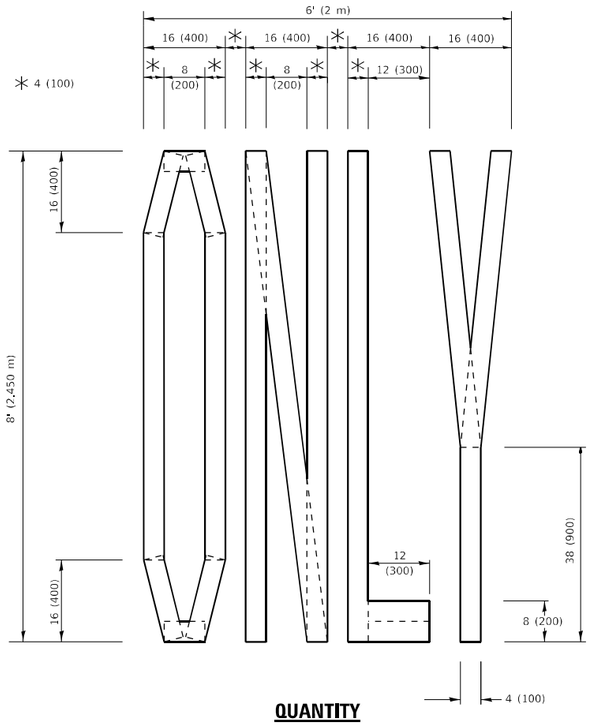
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	141
	TC-14	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



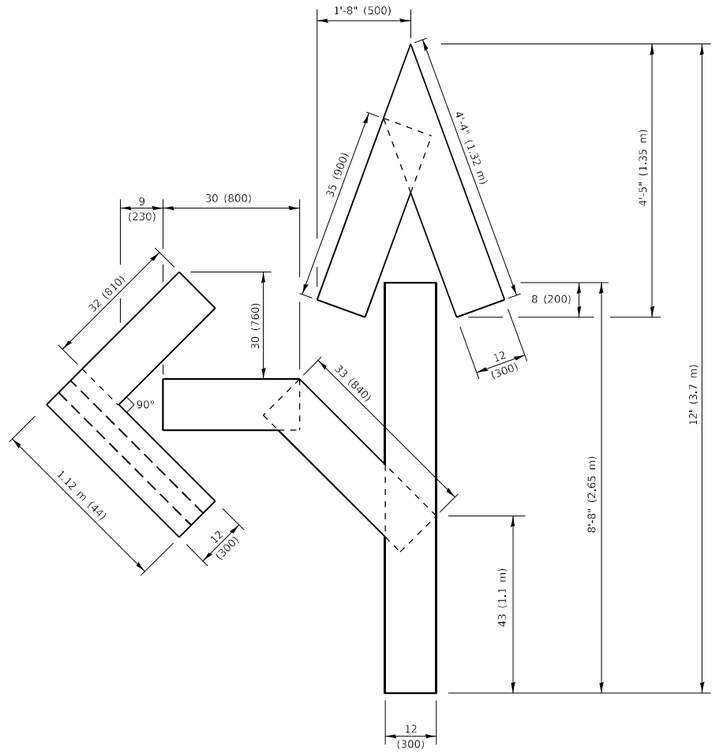
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

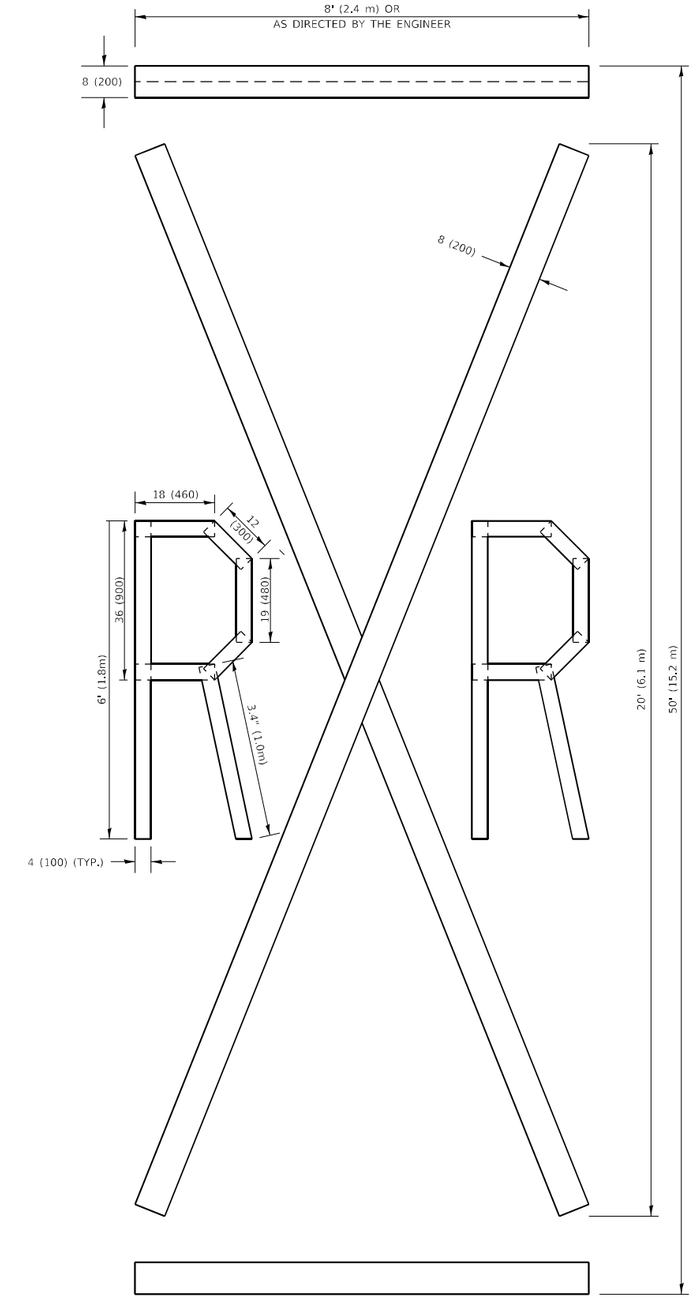


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

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	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 100.0010 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 3/9/2023	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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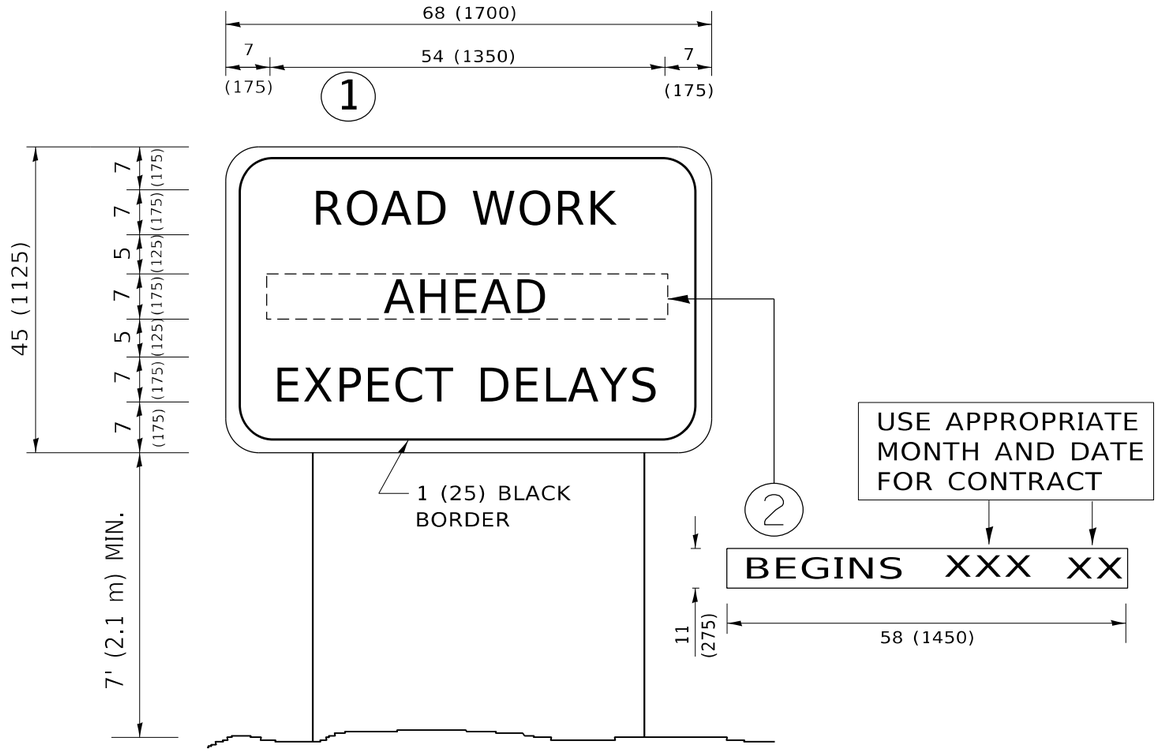
	TC-16	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

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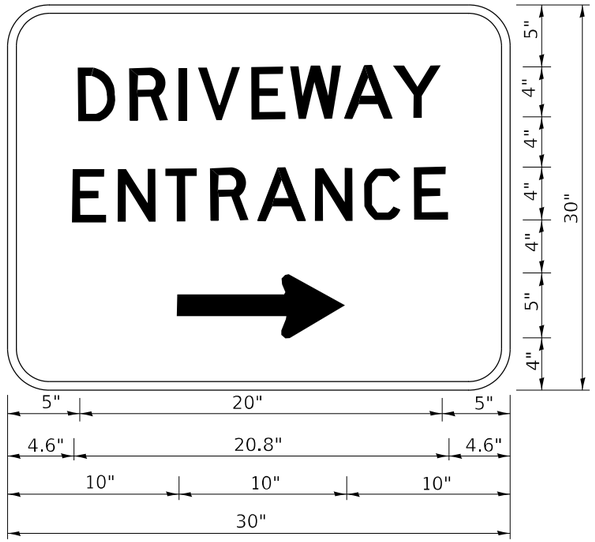
	DRAWN -	REVISED -	R. MIRS 12-11-97
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	T. RAMMACHER 02-02-99
PLOT DATE = 3/9/2023	DATE -	REVISED -	C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	143
	TC-22	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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USER NAME = Rana,Kalo	DESIGNED -	REVISED - C. JUCIUS 02-15-07	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	144
	TC-26	CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

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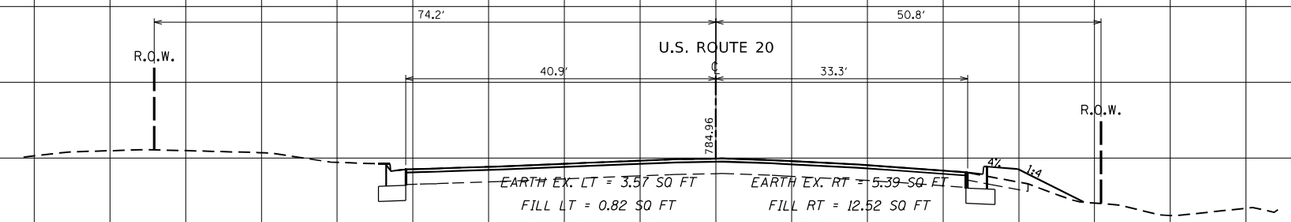
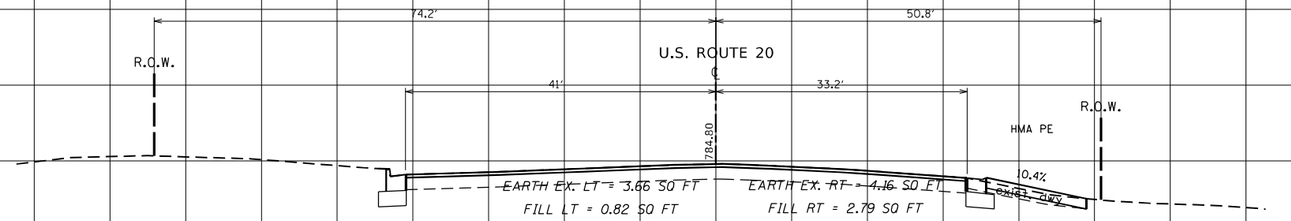
790
785



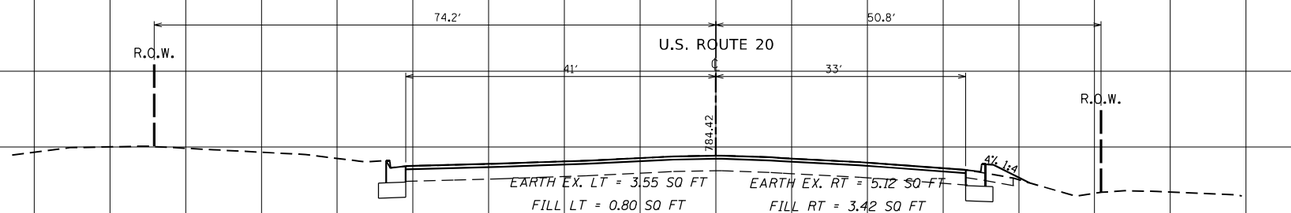
490 + 00.0000

790
785



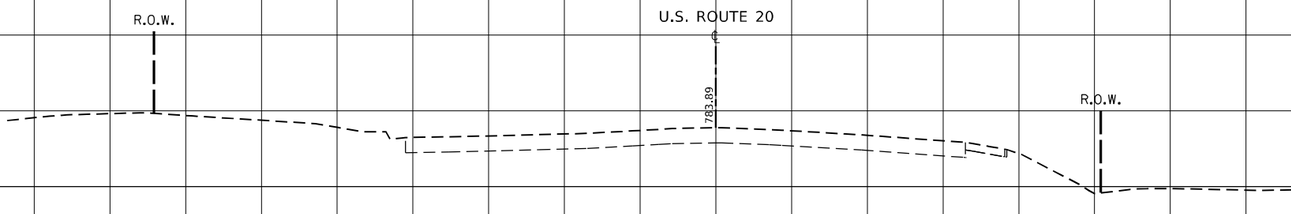
489 + 85.0000

790
785



489 + 50.0000

790
785
780



489 + 00.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED

FINAL SURVEY — NOTE BOOK — NO.

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO.

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	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 489+00.0000 TO STA. 490+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	145
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

790
785

74.1′ 44′

U.S. ROUTE 20

℄

R.O.W.

COMMERCIAL ENTRANCE

786.85

EARTH EX. LT = 0.00 SQ FT
FILL LT = 0.00 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 5.83 SQ FT
FILL RT = 6.73 SQ FT
UNSUIT. RT = 0.00 SQ FT

2.5% 4% 1:3

492 + 00.0000

74.1′ 50.9′

U.S. ROUTE 20

℄

R.O.W.

44.7′ 36.2′

R.O.W.

1:6 5%

786.42

EARTH EX. LT = 6.06 SQ FT
FILL LT = 10.13 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 5.89 SQ FT
FILL RT = 9.87 SQ FT
UNSUIT. RT = 1.84 SQ FT

2% 4% 1:4

491 + 50.0000

74.1′ 50.9′

U.S. ROUTE 20

℄

R.O.W.

42.1′ 35′

R.O.W.

1:6 5%

785.98

EARTH EX. LT = 4.92 SQ FT
FILL LT = 7.73 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 8.51 SQ FT
FILL RT = 5.46 SQ FT
UNSUIT. RT = 3.29 SQ FT

2% 2% 2% 4% 1:4

491 + 00.0000

74.1′ 50.9′

U.S. ROUTE 20

℄

R.O.W.

41.1′ 34′

R.O.W.

HMA PE

785.57

EARTH EX. LT = 3.79 SQ FT
FILL LT = 0.82 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 4.75 SQ FT
FILL RT = 0.89 SQ FT
UNSUIT. RT = 0.00 SQ FT

2% 3.3% Exist. dwy

490 + 60.0000

74.1′ 50.9′

U.S. ROUTE 20

℄

R.O.W.

40.9′ 33.4′

R.O.W.

HMA PE

785.47

EARTH EX. LT = 3.56 SQ FT
FILL LT = 0.81 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 4.16 SQ FT
FILL RT = 1.04 SQ FT
UNSUIT. RT = 0.00 SQ FT

3.0% Exist. dwy

490 + 50.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 490+50.0000 TO STA. 492+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	146
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

795 790 785

74.1′ R.O.W.

U.S. ROUTE 20 ℄

48.5′ 43.4′ 70′ 50.9′ 10′ 5′

T.E.

R.O.W.

PROP. R.O.W.

788.26

786.26

1:6 5% 2% 2.5% 2.0% 1:8 1:10 1:4

EARTH EX. LT = 12.53 SQ FT
FILL LT = 6.79 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 6.40 SQ FT
FILL RT = 99.50 SQ FT
UNSUIT. RT = 0.00 SQ FT

493 + 50.0000

74.1′ R.O.W.

U.S. ROUTE 20 ℄

50.8′ 40.5′ 70′ 50.9′ 10′ 5′

T.E.

R.O.W.

PROP. R.O.W.

787.80

785.76

5% 2% 2.5% 1:9.5 1:10 1:3.5

EARTH EX. LT = 10.41 SQ FT
FILL LT = 7.50 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 5.69 SQ FT
FILL RT = 102.02 SQ FT
UNSUIT. RT = 0.00 SQ FT

493 + 00.0000

74.1′ R.O.W.

COMMERCIAL ENTRANCE

U.S. ROUTE 20 ℄

45′ 5′

787.32

2.5% 1:12 1:6

EARTH EX. LT = 0.00 SQ FT
FILL LT = 0.00 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 6.73 SQ FT
FILL RT = 40.21 SQ FT
UNSUIT. RT = 0.00 SQ FT

492 + 50.0000

74.1′ R.O.W.

COMMERCIAL ENTRANCE

U.S. ROUTE 20 ℄

787.09

THORN RD.

EARTH EX. LT = 0.00 SQ FT
FILL LT = 0.00 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 0.00 SQ FT
FILL RT = 0.00 SQ FT
UNSUIT. RT = 0.00 SQ FT

492 + 25.5330

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

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	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 492+25.5330 TO STA. 493+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	147
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

795
790
800

R.O.W. | 74′ | 48.6′ | U.S. ROUTE 20 ℄ | 51′ | 51.6′ | R.O.W. | 80′ | PROP. R.O.W. | 5′

1:6 | 5% | 2% | 790.05 | 2.5% | 789.26 | 1:10 | 1.5% | 1:4

EARTH EX. LT = 15.06 SQ FT
FILL LT = 6.71 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 61.24 SQ FT
FILL RT = 1.98 SQ FT
UNSUIT. RT = 0.00 SQ FT

495 + 50.0000

795
790
800

R.O.W. | 74′ | 50.4′ | U.S. ROUTE 20 ℄ | 51′ | 51.6′ | R.O.W. | 70′ | PROP. R.O.W. | 5′ | 10′ | T.E.

1:6 | 5% | 2% | 789.59 | 2.5% | 788.77 | 1:10 | 1:4

EARTH EX. LT = 13.31 SQ FT
FILL LT = 7.10 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 56.75 SQ FT
FILL RT = 1.98 SQ FT
UNSUIT. RT = 0.00 SQ FT

495 + 00.0000

795
790
800

R.O.W. | 74′ | 50.4′ | U.S. ROUTE 20 ℄ | 51′ | 49.4′ | R.O.W. | 70′ | PROP. R.O.W. | 5′ | 10′ | T.E.

1:6 | 5% | 2% | 789.16 | 2.5% | 788.30 | 1:10 | 1:10

EARTH EX. LT = 15.88 SQ FT
FILL LT = 6.04 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 23.12 SQ FT
FILL RT = 34.13 SQ FT
UNSUIT. RT = 0.00 SQ FT

494 + 50.0000

795
790
800

R.O.W. | 74.1′ | 49.4′ | U.S. ROUTE 20 ℄ | 50.9′ | 46.5′ | R.O.W. | 70′ | PROP. R.O.W. | 5′ | 10′ | T.E.

5% | 2% | 788.72 | 2.5% | 2% | 787.26 | 1:10 | 1:10 | 1:4

EARTH EX. LT = 13.03 SQ FT
FILL LT = 7.02 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 9.37 SQ FT
FILL RT = 69.24 SQ FT
UNSUIT. RT = 0.00 SQ FT

494 + 00.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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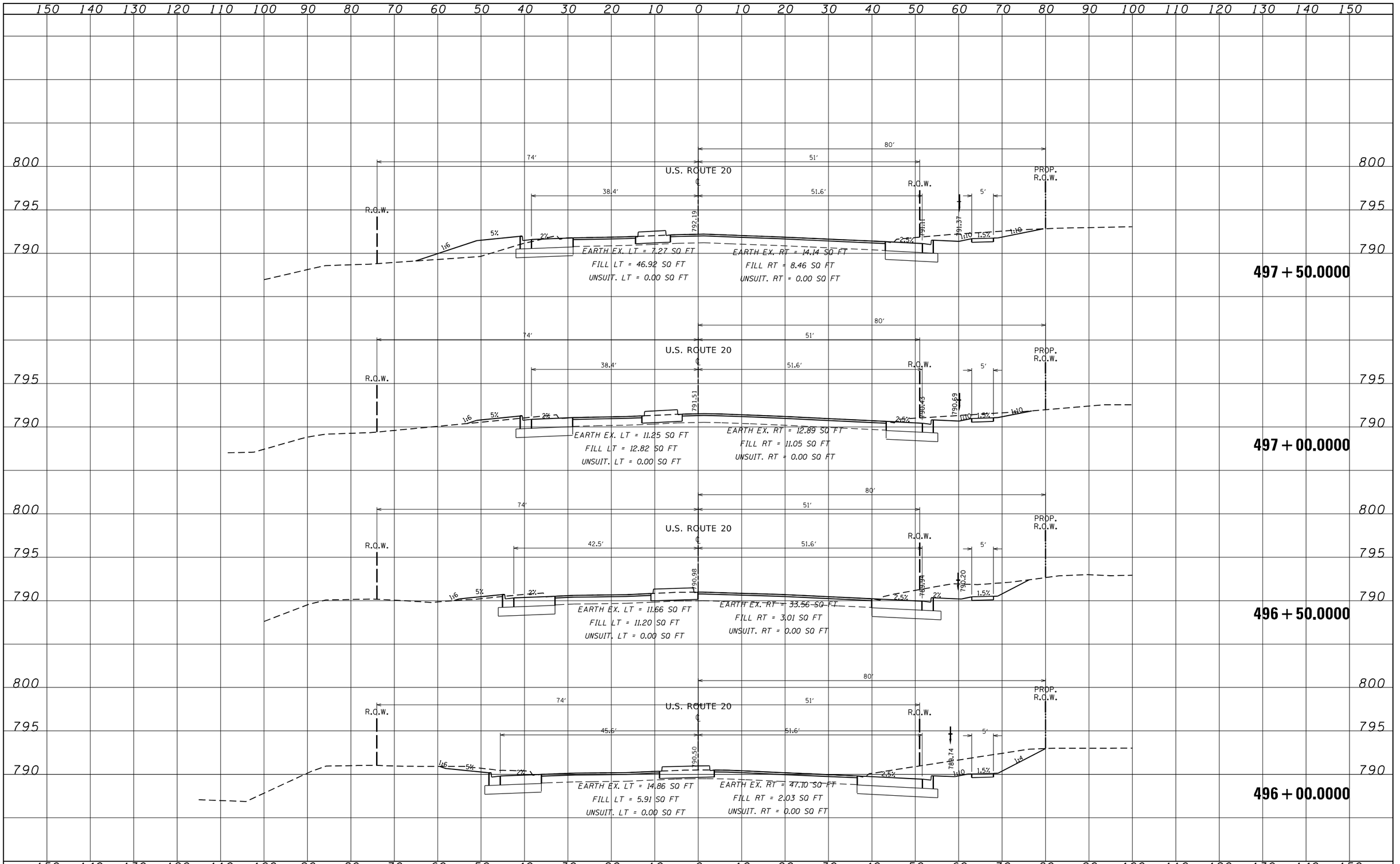
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 494+00.0000 TO STA. 495+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	148
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY / ORIGINAL SURVEY

NOTE BOOK

NO.

SURVEYED

PLOTTED

TEMPLATE

AREAS

AREAS CHECKED

BY

DATE

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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 496+00.0000 TO STA. 497+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	149
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

800 795 790

U.S. ROUTE 20 ℄

795.29

97.6′ 90′ 73.9′

44.8′ 63.2′ 5.7′

T.E. PROP. R.O.W. R.O.W. 1:6 5% 2% 2.5% 2.0% 1.5% 1:4

794.47 793.24

EX SIDEWALK

AT&T FO

EARTH EX. LT = 7.65 SQ FT
FILL LT = 62.45 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 20.52 SQ FT
FILL RT = 12.74 SQ FT
UNSUIT. RT = 0.00 SQ FT

499 + 50.0000

U.S. ROUTE 20 ℄

499 + 00.0000

88.4′ 73.9′

39.7′ 51.8′ 5.5′

T.E. R.O.W. 1:6 5% 2% 2.5% 2% 1.5%

793.64 793.01

DETENTION/
RETENTION
POND

EARTH EX. LT = 5.90 SQ FT
FILL LT = 100.55 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 24.12 SQ FT
FILL RT = 52.89 SQ FT
UNSUIT. RT = 0.00 SQ FT

498 + 50.0000

U.S. ROUTE 20 ℄

498 + 00.0000

79.2′ 74′

38.4′ 51.6′ 5.4′

T.E. R.O.W. 1:6 5% 2% 2.5% 1:10 1.5%

792.86 791.81 792.14

EARTH EX. LT = 7.14 SQ FT
FILL LT = 78.68 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 12.13 SQ FT
FILL RT = 31.11 SQ FT
UNSUIT. RT = 0.00 SQ FT

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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Default	PLOT SCALE = 20.0000 ′ / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 498+00.0000 TO STA. 499+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	150
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

805
800

103.9′ 73.9′ 63.9′ 60′ 51.1′ 44.9′

R.O.W. EX SIDEWALK PROP. R.O.W. PROP. R.O.W. U.S. ROUTE 20 ℄ R.O.W. PROP. R.O.W.

796.86 798.25 792.76

1:3.5 1:5 4% 2.5% 4′ 1.5% 1.5% 2% 4% 1:4

EARTH EX. LT = 32.80 SQ FT
FILL LT = 2.11 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 19.90 SQ FT
FILL RT = 2.46 SQ FT
UNSUIT. RT = 0.00 SQ FT

501 + 50.0000

805
800

103.9′ 73.9′ 63.9′ 65.2′ 51.1′ 65′ 49.9′

R.O.W. PROP. R.O.W. PROP. R.O.W. U.S. ROUTE 20 ℄ R.O.W. PROP. R.O.W.

10′ 0.5% 1:4 791.01 797.49 791.26

2% 2.5% 1.8% 2% 4% 1:4

EARTH EX. LT = 41.95 SQ FT
FILL LT = 9.47 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 15.94 SQ FT
FILL RT = 3.34 SQ FT
UNSUIT. RT = 0.00 SQ FT

501 + 00.0000

805
800

U.S. ROUTE 20 ℄ R.O.W.

797.03

795

500 + 50.0000

800
795

U.S. ROUTE 20 ℄

796.15

500 + 00.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

ORIGINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

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Default	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 500+00.0000 TO STA. 501+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	151
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

810 805 800

T.E.
11.1′
R.O.W.
103.9′
73.9′
63.9′
PROP. R.O.W.
PROP. R.O.W.
U.S. ROUTE 20
51.1′
50.4′
39.6′
R.O.W.
HMA PE
2.8%
1.5%
801.41
801.26
PCC CE
9.1%
exist. dwy
797.65
797.64
2.5%
797.88
796.52
2.7 %
2%
1.5 %
exist. dwy

EARTH EX. LT = 34.32 SQ FT
FILL LT = 0.30 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 13.90 SQ FT
FILL RT = 0.27 SQ FT
UNSUIT. RT = 0.00 SQ FT

502 + 61.3674

11.1′
R.O.W.
103.9′
73.9′
63.9′
PROP. R.O.W.
PROP. R.O.W.
U.S. ROUTE 20
51.1′
10′
1.5%
PCC CE
50.4′
39.6′
HMA CE
R.O.W.
798.78
7.7% exist. dwy
797.66
797.65
2.5%
797.89
796.53
2.4 %
2%
3.3 %
exist. dwy

EARTH EX. LT = 33.72 SQ FT
FILL LT = 16.58 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 13.23 SQ FT
FILL RT = 0.47 SQ FT
UNSUIT. RT = 0.00 SQ FT

502 + 50.0000

T.E.
R.O.W.
PROP. R.O.W.
PROP. R.O.W.
U.S. ROUTE 20
0.7%
801.60
800.94
7.5%
797.65
797.65
797.91
796.55

502 + 27.6696

R.O.W.
EX SIDEWALK
103.9′
73.9′
63.9′
PROP. R.O.W.
PROP. R.O.W.
U.S. ROUTE 20
60′
51.1′
R.O.W.
PROP. R.O.W.
50.4′
41.6′
796.71
1:4
1:4
4′
4′
2.5%
796.58
1.5% 1.5%
2%
4%
1:4
798.13

EARTH EX. LT = 29.41 SQ FT
FILL LT = 3.40 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 13.29 SQ FT
FILL RT = 3.50 SQ FT
UNSUIT. RT = 0.00 SQ FT

502 + 00.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

DATE | BY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | FINAL SURVEY | NOTE BOOK | NO.

DATE | BY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | ORIGINAL SURVEY | NOTE BOOK | NO.

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	PLOT SCALE = 20.0000 ' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/9/2023	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 502+00.0000 TO STA.502+61.3674

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	152
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

810 805 800

T.E. R.O.W. PROP. R.O.W. PROP. R.O.W. U.S. ROUTE 20 ℄

9.1% 801.07 800.69 8% 797.25 797.25 797.44 797.89

503 + 52.2259

103.8′ 73.8′ 63.8′ 50.4′ 51.2′ 39.6′

R.O.W. PROP. R.O.W. PROP. R.O.W. U.S. ROUTE 20 ℄ R.O.W.

10′ 1:4 1:4 1:4 4′ 795.42 797.08 797.27 797.91 2.5% 2.4 % 2% 1.8 % HMA PE 6" ist. dwy

EARTH EX. LT = 33.61 SQ FT
FILL LT = 18.35 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 15.21 SQ FT
FILL RT = 0.26 SQ FT
UNSUIT. RT = 0.00 SQ FT

503 + 50.0000

T.E. 11.2′ R.O.W. 103.8′ 73.8′ 63.8′ 50.4′ 51.2′

PROP. R.O.W. PROP. R.O.W. U.S. ROUTE 20 ℄ R.O.W.

1:6 1.5% 801.56 799.59 PCC CE 9% 6"ST. dwy 797.32 797.30 797.55 798.18 2.5% 2% 4% 1:4

EARTH EX. LT = 37.08 SQ FT
FILL LT = 13.62 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 14.00 SQ FT
FILL RT = 5.04 SQ FT
UNSUIT. RT = 0.00 SQ FT

503 + 25.0000

T.E. 11.2′ R.O.W. PCC CE 103.8′ 73.8′ 63.8′ 39.6′

PROP. R.O.W. PROP. R.O.W. U.S. ROUTE 20 ℄ R.O.W.

9.2% 1.5% 801.92 9.2% 2.5% 798.44 2% HMA PE 2.3 % exist. dwy

EARTH EX. LT = 39.11 SQ FT
FILL LT = 0.09 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 14.49 SQ FT
FILL RT = 0.26 SQ FT
UNSUIT. RT = 0.00 SQ FT

503 + 00.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 503+00.0000 TO STA.503+52.2259

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	153
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

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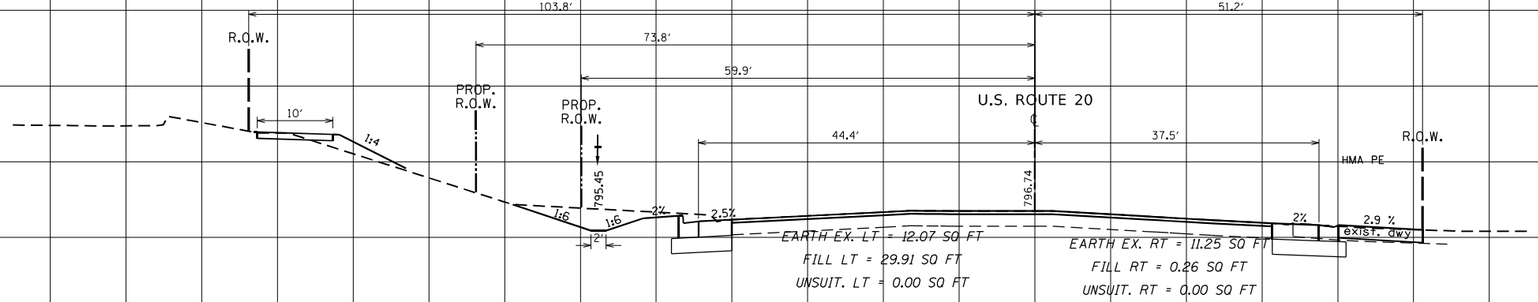
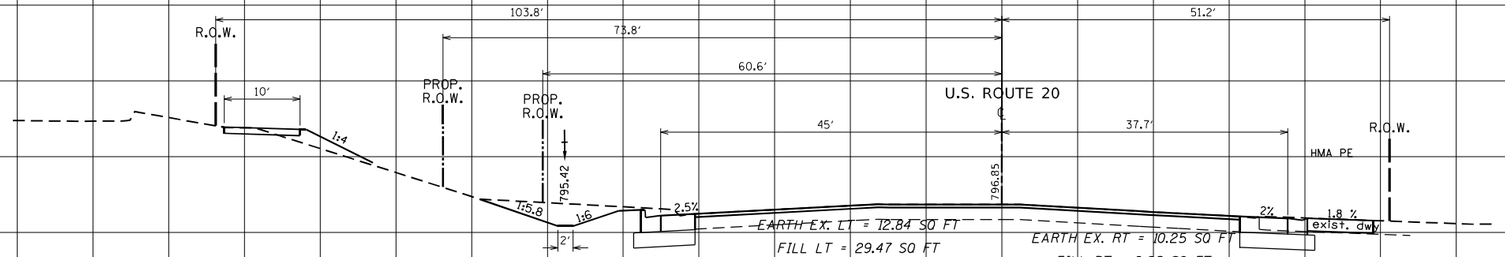
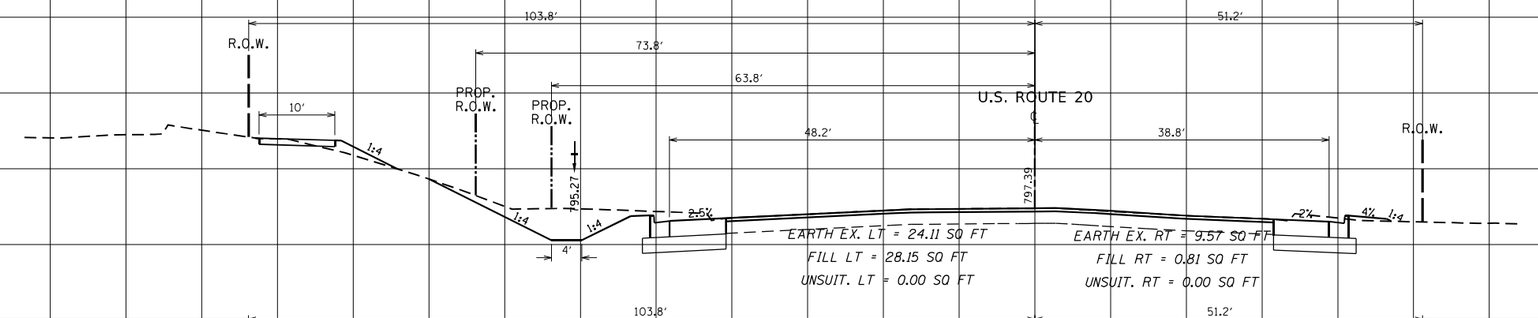


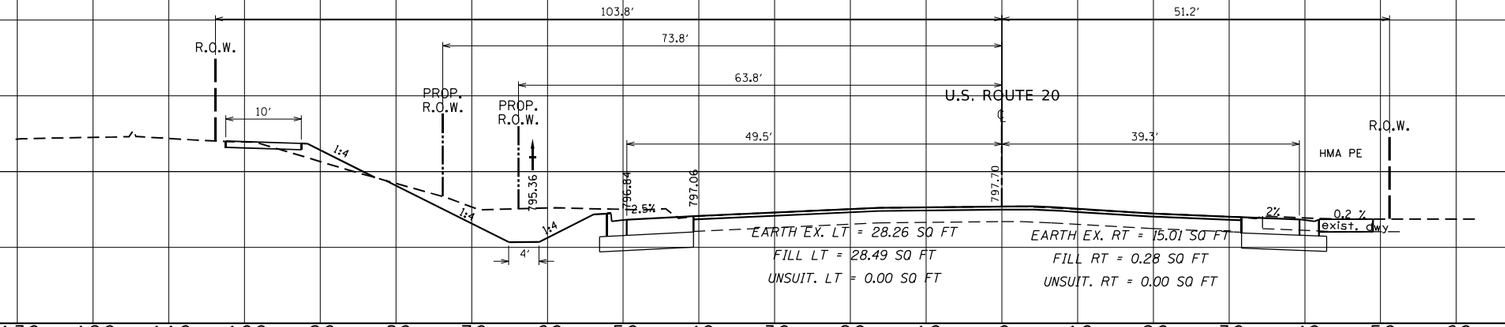
504 + 60.0000



504 + 50.0000



504 + 00.0000



503 + 70.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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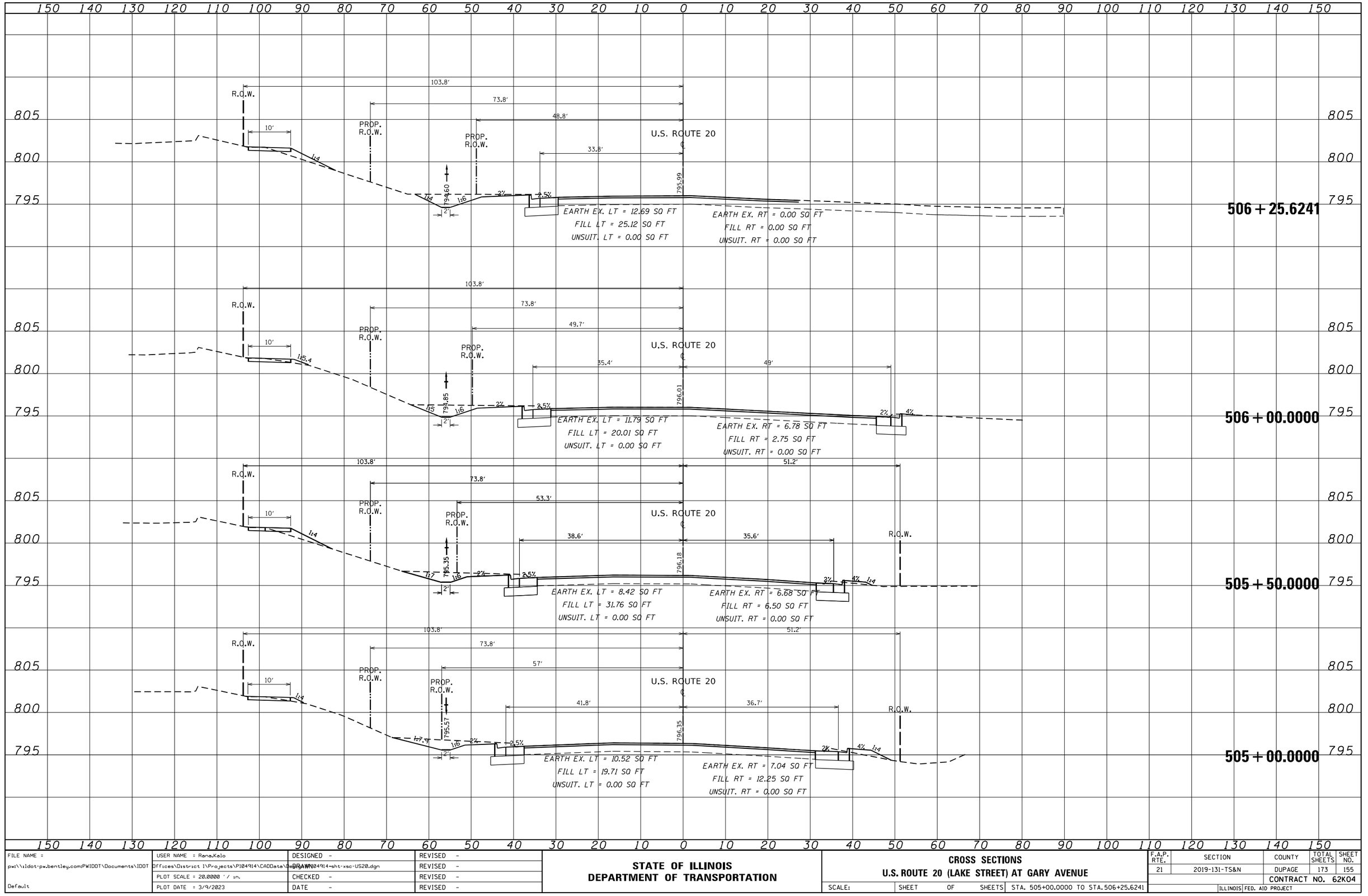
	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 503+70.0000 TO STA. 504+60.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	154
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 505+00.0000 TO STA. 506+25.6241

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	155
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

805 800 795

103.7′ 73.7′ 48.7′ 29.3′ 51.3′ 31.3′

R.O.W. PROP. R.O.W. PROP. R.O.W. U.S. ROUTE 20 ℄ R.O.W.

10′ 1:4 1:4 1:6 2′ 4% 4% 1:4

793.80 795.92

EARTH EX. LT = 7.16 SQ FT
FILL LT = 38.78 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 3.83 SQ FT
FILL RT = 3.84 SQ FT
UNSUIT. RT = 0.00 SQ FT

508 + 00.0000

103.7′ 73.7′ 48.7′ 29.3′ 51.3′ 31.3′

R.O.W. PROP. R.O.W. PROP. R.O.W. U.S. ROUTE 20 ℄ R.O.W.

10′ 1:4 1:4 1:6 2′ 4% 4% 1:4

793.35 795.91

EARTH EX. LT = 9.93 SQ FT
FILL LT = 55.36 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 3.84 SQ FT
FILL RT = 3.33 SQ FT
UNSUIT. RT = 0.00 SQ FT

STA. 507+65.12
5′ DIA. CATCH BASIN
INV. 788.34
SEE PROPOSED DRAINAGE DETAILS SHEET

PROPOSED 30″ PIPE CULVERT

6′ MH TYP. A
IE 787.21 (NW) (OUT) 36″ RCP
IE 787.31 (SE) (IN) 36″ RCP
IE 787.87 (NE) (IN) 30″ RCP
STA. 507+65.22

507 + 50.0000

103.7′ 73.7′ 48.7′ 30.4′ 51.3′ 32.3′

R.O.W. PROP. R.O.W. PROP. R.O.W. U.S. ROUTE 20 ℄ R.O.W.

10′ 1:4 1:5.3 1:6 2′ 4% 2% 4% 1:4

793.85 795.91

EARTH EX. LT = 16.08 SQ FT
FILL LT = 33.45 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 4.94 SQ FT
FILL RT = 3.23 SQ FT
UNSUIT. RT = 0.00 SQ FT

507 + 00.0000

103.8′ 73.8′ 48.8′ 32.2′ 38.5′

R.O.W. PROP. R.O.W. PROP. R.O.W. U.S. ROUTE 20 ℄

10′ 1:4 1:5.2 1:6 2′ 4% 2.5% 4%

794.35 795.96

EARTH EX. LT = 12.96 SQ FT
FILL LT = 35.14 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 3.60 SQ FT
FILL RT = 3.01 SQ FT
UNSUIT. RT = 0.00 SQ FT

506 + 50.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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	PLOT SCALE = 20.0000 ′ / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 506+50.0000 TO STA. 508+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	156
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

73.7′ 51.3′ 48.7′ U.S. ROUTE 20 ℄ PROP. R.O.W. PROP. R.O.W. R.O.W. 10′ 1.5% 796.20

800 795

EARTH EX. LT = 5.00 SQ FT
FILL LT = 4.16 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 0.00 SQ FT
FILL RT = 0.00 SQ FT
UNSUIT. RT = 0.00 SQ FT

510 + 00.0000

103.7′ 73.7′ 51.3′ 48.7′ U.S. ROUTE 20 ℄ R.O.W. PROP. R.O.W. PROP. R.O.W. R.O.W. 10′ 796.16

800 795

EARTH EX. LT = 0.34 SQ FT
FILL LT = 8.25 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 0.00 SQ FT
FILL RT = 0.00 SQ FT
UNSUIT. RT = 0.00 SQ FT

509 + 50.0000

103.7′ 73.7′ 51.3′ 48.7′ U.S. ROUTE 20 ℄ R.O.W. PROP. R.O.W. PROP. R.O.W. R.O.W. 10′ 1.5% 1.5% 1.5% 795.30 796.14 2′

800 795

EARTH EX. LT = 0.33 SQ FT
FILL LT = 21.91 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 0.00 SQ FT
FILL RT = 0.00 SQ FT
UNSUIT. RT = 0.00 SQ FT

509 + 00.0000

103.7′ 73.7′ 51.3′ 48.7′ U.S. ROUTE 20 ℄ R.O.W. PROP. R.O.W. PROP. R.O.W. R.O.W. 10′ 1.5% 1.5% 1.5% 794.55 796.04 2′

805 800 795

EARTH EX. LT = 2.86 SQ FT
FILL LT = 15.92 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 0.00 SQ FT
FILL RT = 0.00 SQ FT
UNSUIT. RT = 0.00 SQ FT

508 + 50.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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Default	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

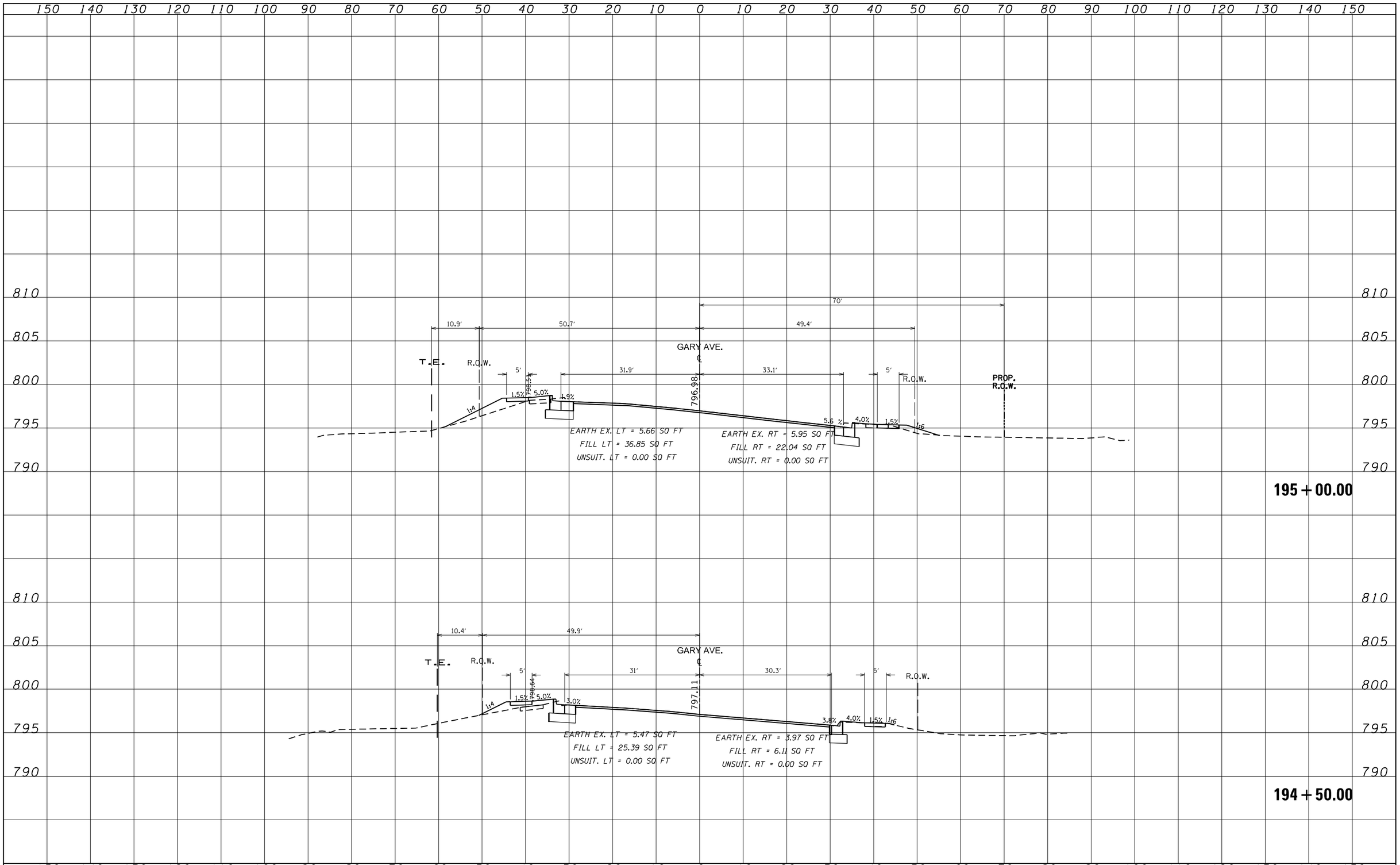
CROSS SECTIONS
U.S. ROUTE 20 (LAKE STREET) AT GARY AVENUE

SCALE: | SHEET OF SHEETS | STA. 508+50.0000 TO STA.510+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	157
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
	BY
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NOTE BOOK	
NO.	

ORIGINAL SURVEY	DATE
	BY
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NOTE BOOK	
NO.	



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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 194+50.00 TO STA. 195+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	158
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

ORIGINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

815 810 805 800 795 790 785

195 + 78.00

10.7′ 59.6′ 70′ 51.2′ 10.5′

GARY AVE.

℄

796.48

5′ 34′ 39.9′

T.E. R.C.W. 1:4 1.5% 798.31 5.0% 2.8% R.O.W. HMA CE 5′ PROP. R.O.W. T.E.

793.82

6.9% 2.9% 1.5% exist. dwy

EARTH EX. LT = 5.35 SQ FT
FILL LT = 66.48 SQ FT
UNSUIT. LT = 0.00 SQ FT

EARTH EX. RT = 20.37 SQ FT
FILL RT = 4.63 SQ FT
UNSUIT. RT = 0.00 SQ FT

195 + 50.00

11.6′ 55.2′ 70′ 51.1′

GARY AVE.

℄

796.65

5′ 33.3′ 37.3′ 4.9′

T.E. R.C.W. 1:4 1.5% 798.31 5.0% 2.5% HMA CE R.O.W. PROP. R.O.W.

6.9% 4.2% 1.5% 3.9% exist. dwy

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ′ / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

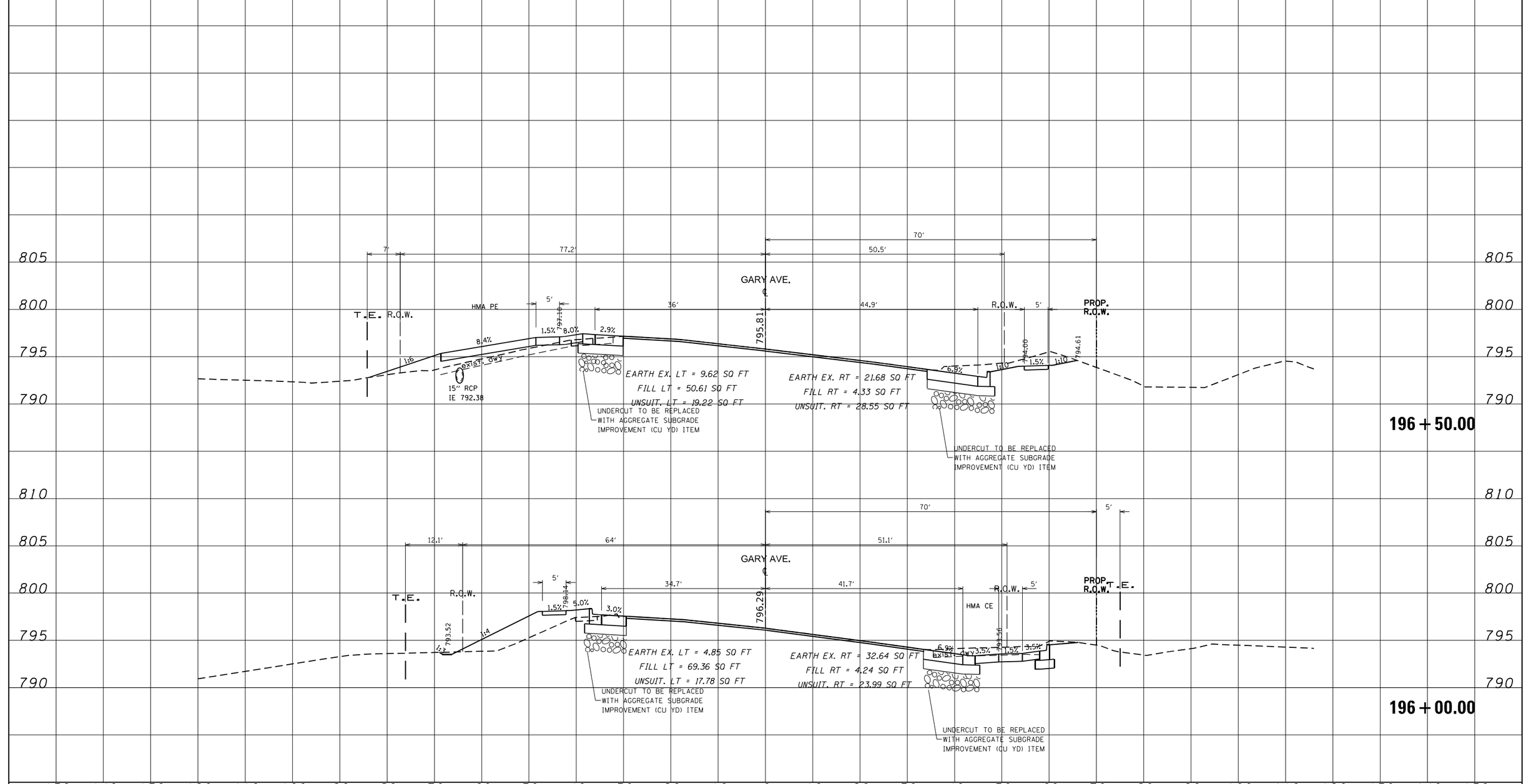
CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 195+50.00 TO STA.195+78.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	159
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		



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	PLOT DATE = 3/9/2023	DATE -	REVISED -

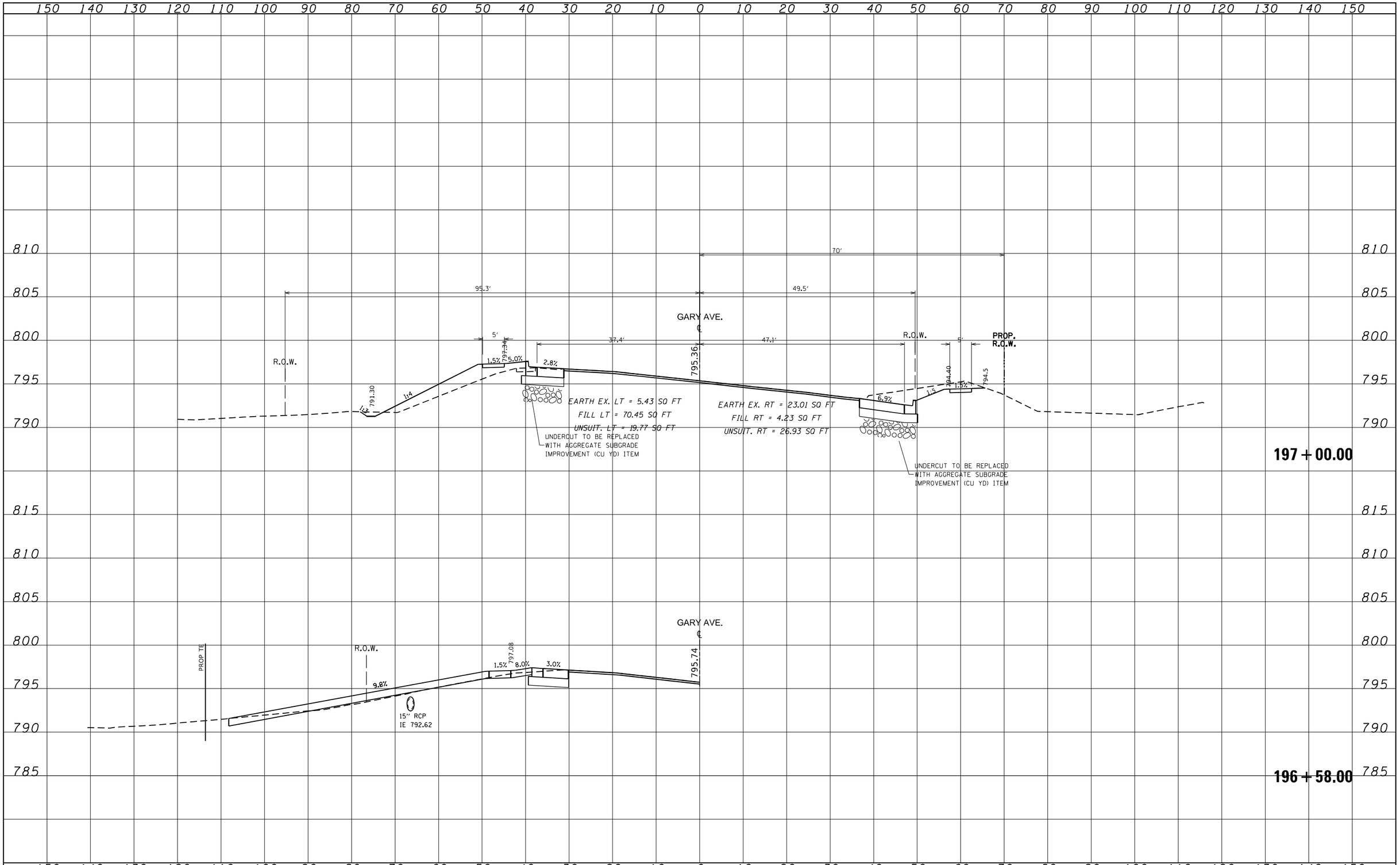
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 196+00.00 TO STA. 196+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	160
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED	BY	
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE



ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED	BY	
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

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	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 196+58.00 TO STA. 197+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	161
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

810 805 800 795 790 785

70'

148.4'

47.7'

GARY AVE.

℄

R.O.W.

PROP. R.O.W.

DETENTION/RETENTION POND

5'

1.5%

795.92

6.0%

2.5%

4.7%

40.2'

46'

794.53

794.91

795.03

1:4

1:4

1:10

2.5%

1.5%

5'

EARTH EX. LT = 38.18 SQ FT
FILL LT = 54.37 SQ FT
UNSUIT. LT = 20.14 SQ FT

EARTH EX. RT = 8.02 SQ FT
FILL RT = 13.04 SQ FT
UNSUIT. RT = 17.84 SQ FT

UNDERCUT TO BE REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) ITEM

UNDERCUT TO BE REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) ITEM

198 + 00.00

70'

118.7'

48'

GARY AVE.

℄

R.O.W.

PROP. R.O.W.

HMA PE

5'

796.20

1.5%

5.4%

2.3%

38.7'

47.3'

794.94

794.66

794.79

5'

1.5%

1:6.5

6.5%

4.7%

1:8

EARTH EX. LT = 11.82 SQ FT
FILL LT = 26.13 SQ FT
UNSUIT. LT = 19.92 SQ FT

EARTH EX. RT = 13.69 SQ FT
FILL RT = 3.84 SQ FT
UNSUIT. RT = 19.86 SQ FT

UNDERCUT TO BE REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) ITEM

197 + 50.00

GARY AVE.

℄

PROP TE

R.O.W.

796.39

1.5%

5.4%

4.7%

7.8%

0

15" RCP
IE 790.79

197 + 32.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

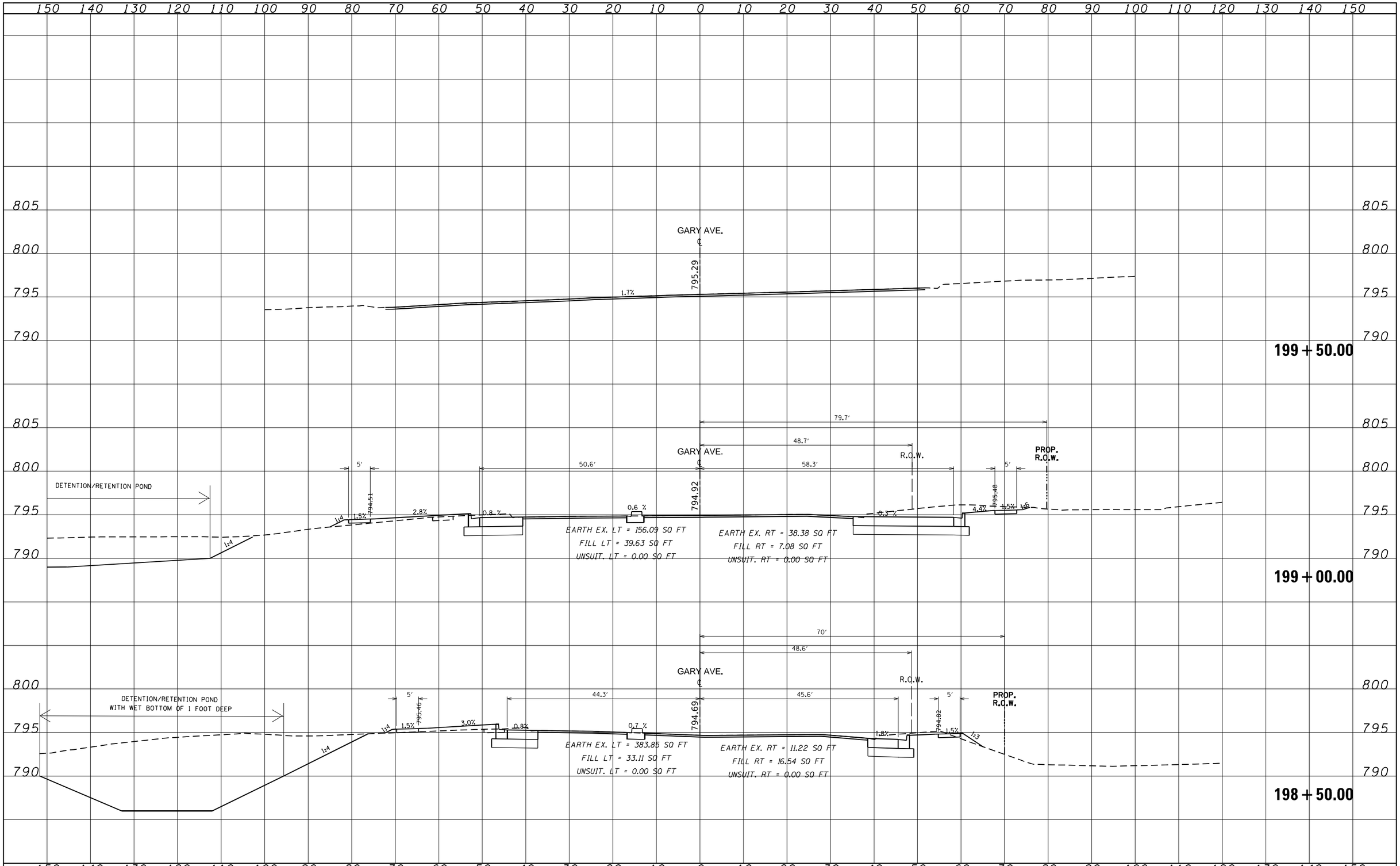
SCALE: | SHEET OF SHEETS | STA. 197+32.00 TO STA.198+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	162
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

FINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED



ORIGINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

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	PLOT DATE = 3/22/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 198+50.00 TO STA.199+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	163
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

810
805
800
795
790

GARY AVE.
℄
795.66

200 + 50.00

805
800
795
790

GARY AVE.
℄
796.15

200 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

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	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

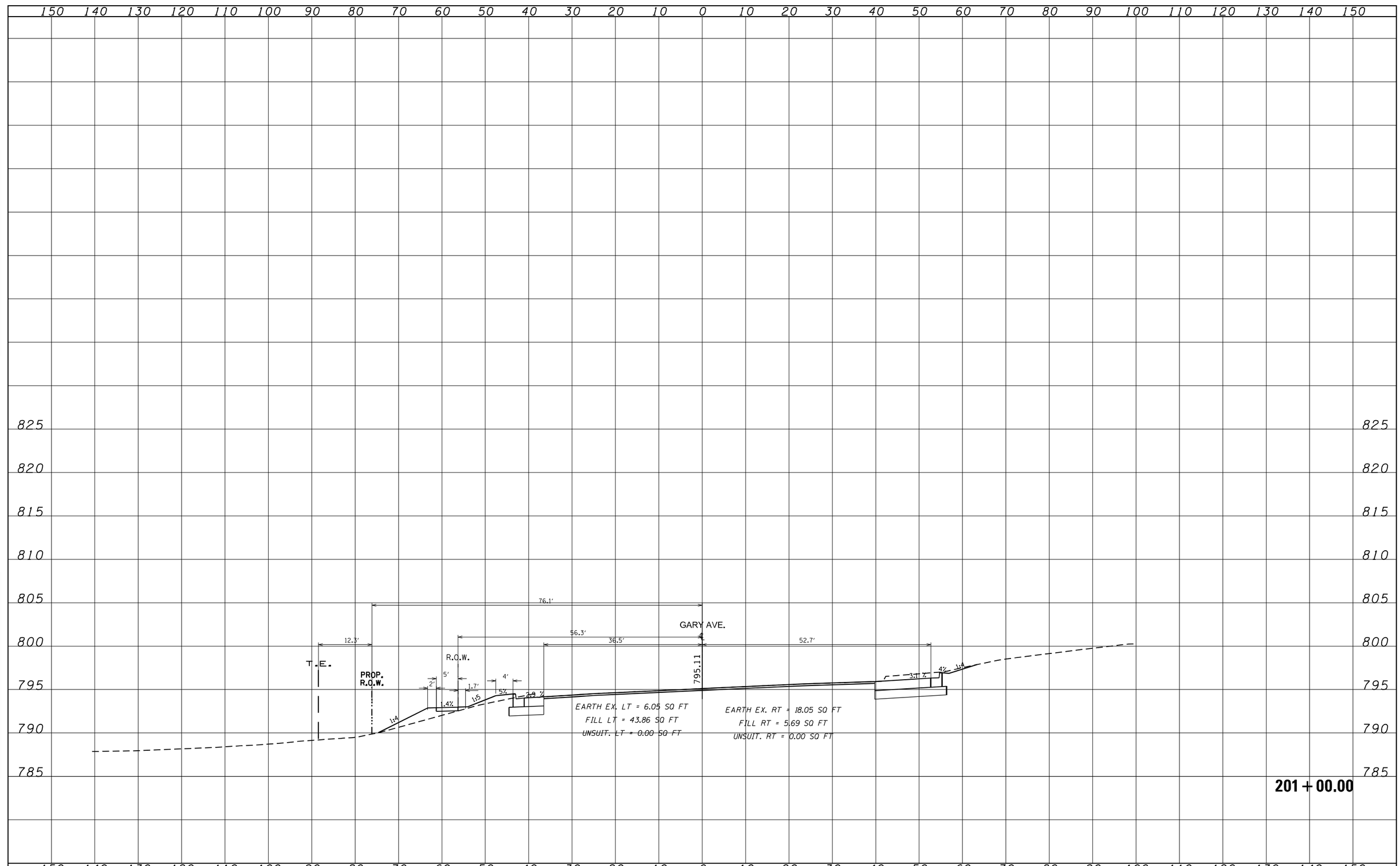
CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 200+00.00 TO STA. 200+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	164
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
NOTE BOOK	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
NOTE BOOK	AREAS		
NO.	AREAS CHECKED		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

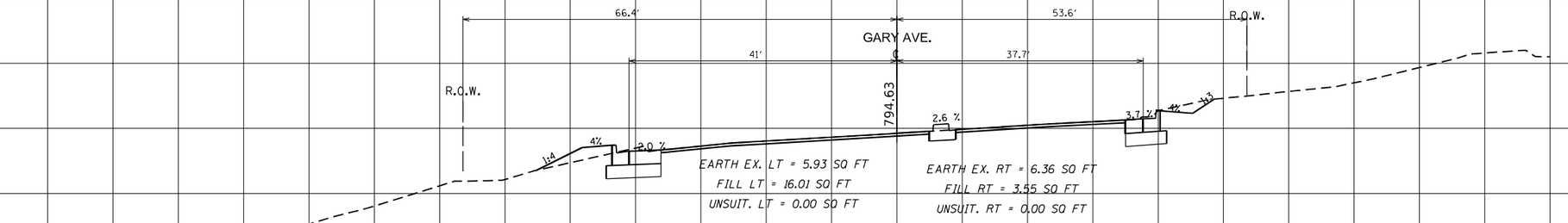
SCALE: | SHEET OF SHEETS | STA. 201+00.00 TO STA. 201+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	165
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
NO.	AREAS CHECKED	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

825 820 815 810 805 800 795 790 785



201 + 50.00

ORIGINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
NO.	AREAS CHECKED	

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	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

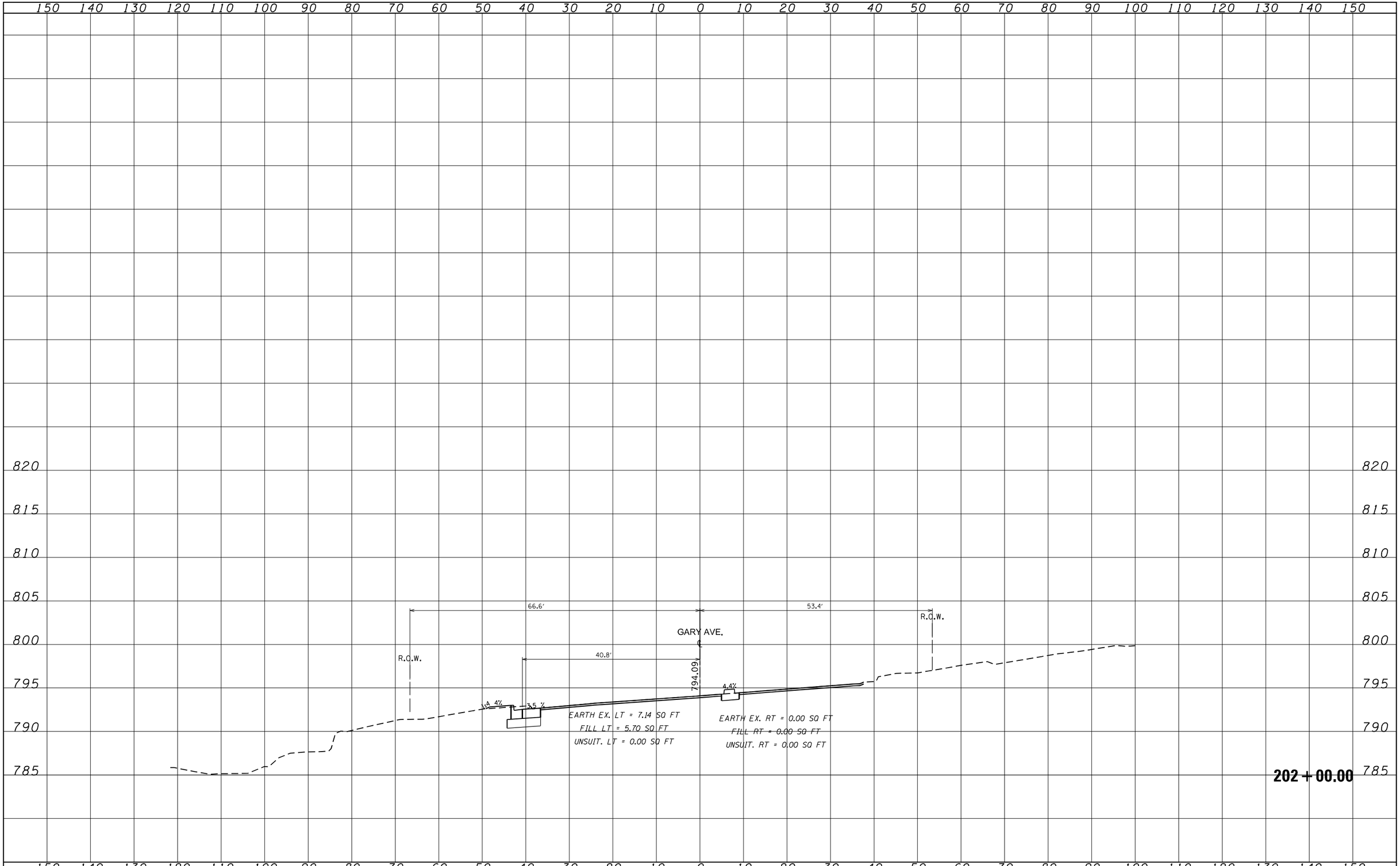
CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 201+50.00 | TO STA. 201+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	166
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
NOTE BOOK		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
NOTE BOOK		
NO.	AREAS CHECKED	



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	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 202+00.00 TO STA. 202+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	167
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
NOTE BOOK		
NO.	AREAS CHECKED	

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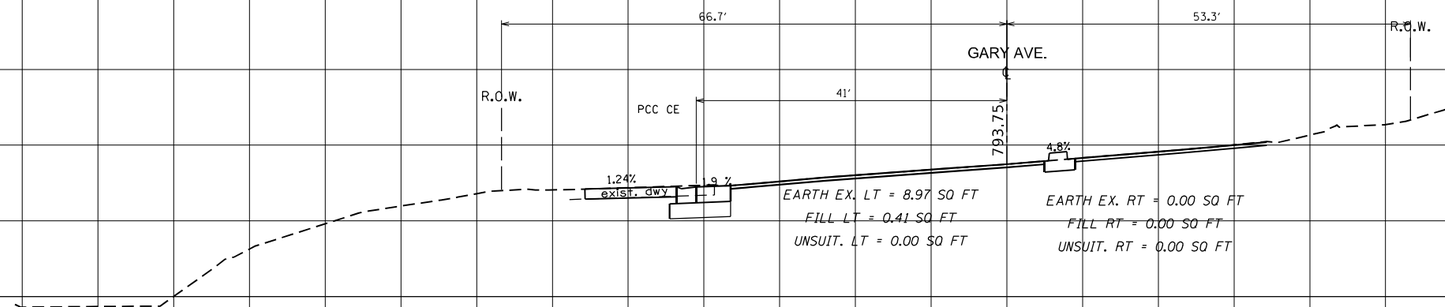
820 815 810 805 800 795 790 785



202 + 50.00

ORIGINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
NOTE BOOK		
NO.	AREAS CHECKED	

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	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 202+50.00 TO STA. 202+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	168
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

805 800 795 790 785

66.5'
73.5'
GARY AVE.
R.O.W.
PROP. R.O.W.
R.O.W.
36.3'
104.2'
793.89
2.9%
4%
1.9 %
EARTH EX. LT = 7.24 SQ FT
FILL LT = 5.70 SQ FT
UNSUIT. LT = 0.00 SQ FT
EARTH EX. RT = 0.00 SQ FT
FILL RT = 0.00 SQ FT
UNSUIT. RT = 0.00 SQ FT

203 + 50.00

FINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

820 815 810 805 800 795 790 785

66.6'
53.4'
GARY AVE.
R.O.W.
R.O.W.
41
PCC CE
793.61
1.8%
6.1"
exist. pvy
2.9 %
3.8%
EARTH EX. LT = 12.06 SQ FT
FILL LT = 0.46 SQ FT
UNSUIT. LT = 0.00 SQ FT
EARTH EX. RT = 0.00 SQ FT
FILL RT = 0.00 SQ FT
UNSUIT. RT = 0.00 SQ FT

203 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

ORIGINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

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		DATE -	REVISED -

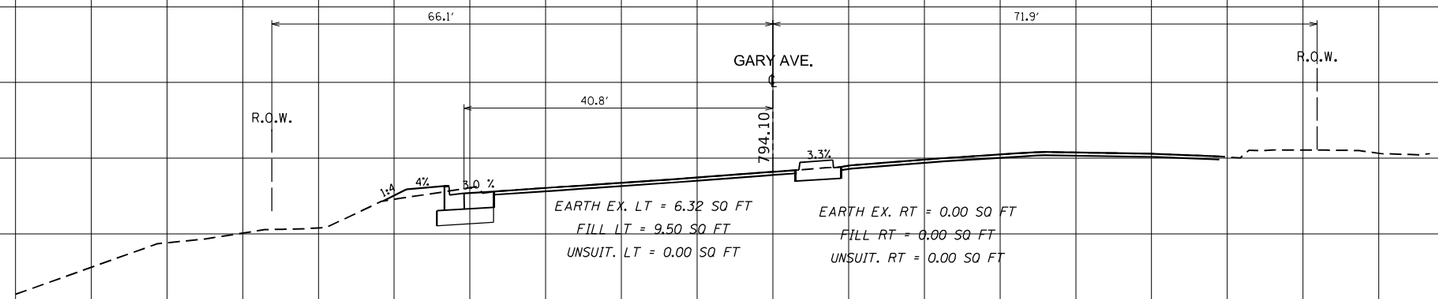
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

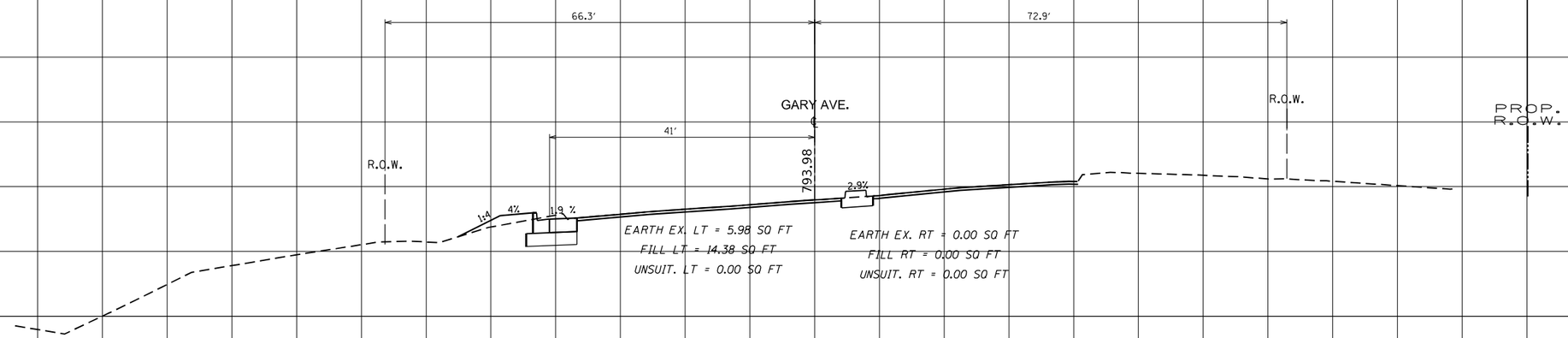
SCALE: | SHEET OF SHEETS | STA. 203+00.00 TO STA. 203+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	169
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		



204 + 00.00



203 + 71.85

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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	PLOT DATE = 3/9/2023	DATE -	REVISED -

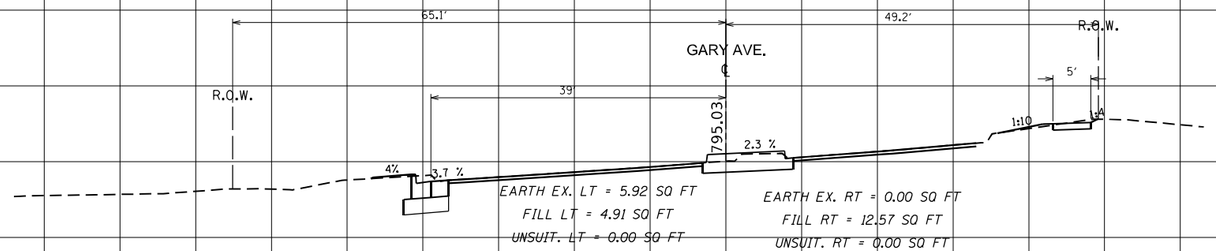
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 203+71.85 TO STA. 204+00.00

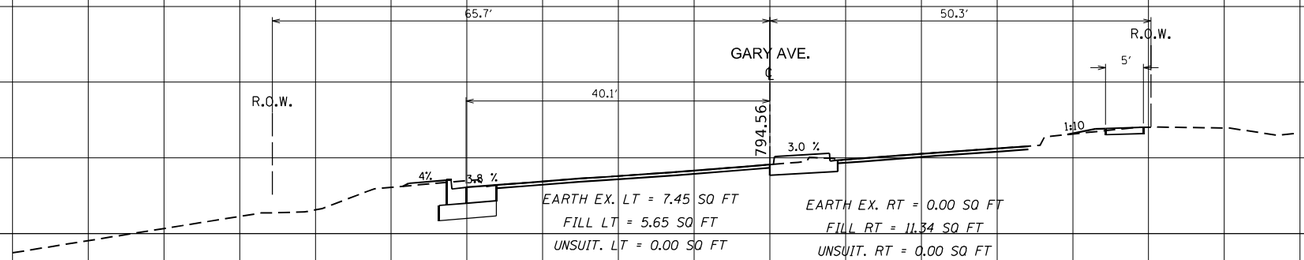
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	170
		CONTRACT NO. 62K04		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		



205 + 00.00

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		



204 + 50.00

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Default	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 204+50.00 TO STA. 205+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	171
		CONTRACT NO. 62K04		
	ILLINOIS	FED. AID PROJECT		

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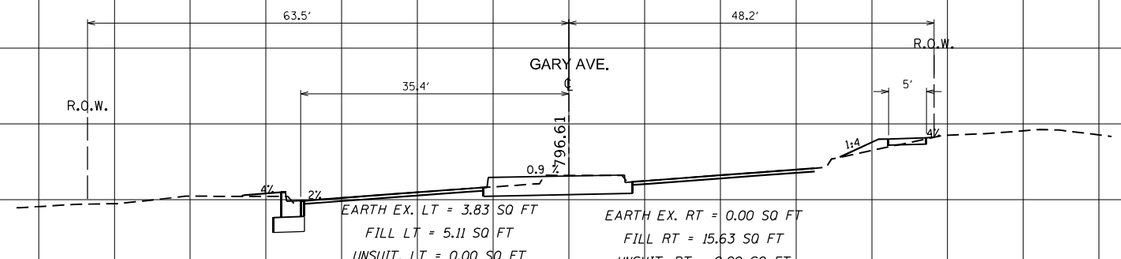
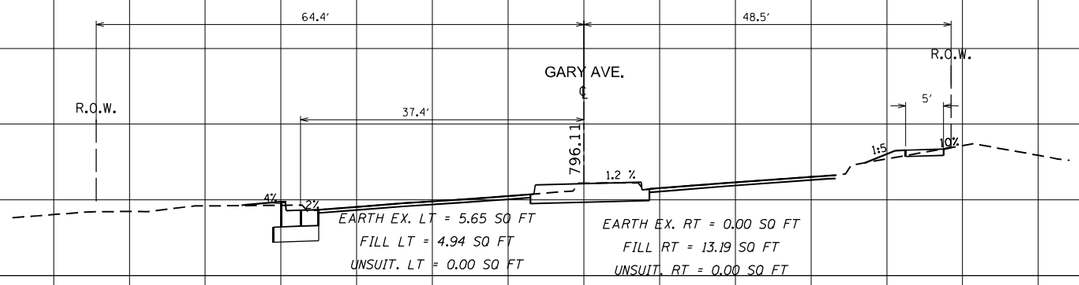
810 805 800 795 790



206 + 00.00



205 + 50.00

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	PLOT DATE = 3/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 205+50.00 | TO STA. 206+00.00

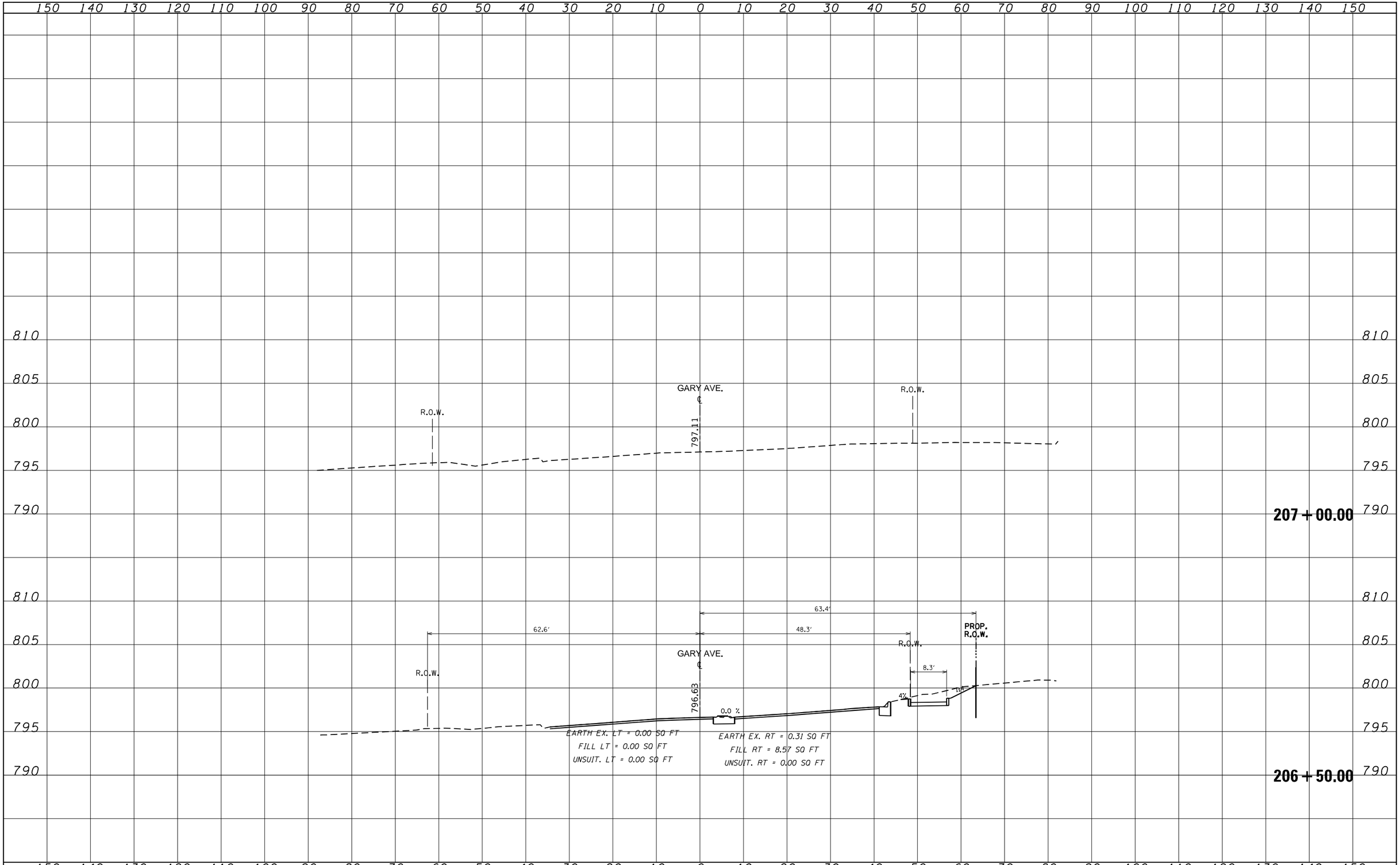
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	172
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

FINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		



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	PLOT DATE = 3/9/2023	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. ROUTE 20 (LAKE ST.) AT GARY AVE.

SCALE: | SHEET OF SHEETS | STA. 206+50.00 TO STA. 207+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2019-131-TS&N	DUPAGE	173	173
		CONTRACT NO. 62K04		
	ILLINOIS FED. AID PROJECT			