

STANDARD SYMBOLS

- 10-10-10 9-1-1 FIBER OPTIC CABLE
- EXISTING WATER DISTRIBUTION
- PEOPLES GAS
- CITY ELECTRIC
- COMING HEALTH EDISON
- EXISTING COMBINED SEWER
- EXISTING STORM SEWER
- CABLE TELEVISION
- CITY ELECTRIC (AERIAL)
- EXISTING BUILDING LINE

- MANHOLE EXISTING
- MANHOLE PROPOSED
- FIRE HYDRANT
- LIGHT STANDARD
- BUFFALO BOX, WATER
- WATER METER BOX
- WATER VALVE VAULT
- BUFFALO BOX, GAS
- MANHOLE, GAS
- MANHOLE, CITY ELECTRIC
- MANHOLE, COMMONWEALTH EDISON
- MANHOLE, TELEPHONE
- POWER POLE
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL CONTROL BOX
- STREET LIGHTING CONTROL BOX
- INLET, EXISTING
- INLET, PROPOSED
- CATCH BASIN, EXISTING
- CATCH BASIN TO BE FILLED/REMOVED
- CATCH BASIN TO BE ADJUSTED
- CATCH BASIN TO BE RECONSTRUCTED
- SEWER MANHOLE TO BE REMOVED
- SEWER MANHOLE TO BE ADJUSTED
- WATER METER TO BE ADJUSTED
- WATER METER TO BE REMOVED
- CITY ELECTRIC MANHOLE TO BE ADJUSTED
- CITY ELECTRIC MANHOLE TO BE REMOVED
- TREE, EXISTING TO REMAIN
- TREE, EXISTING TO BE REMOVED
- BUSH OR SHRUB, EXISTING
- SOIL BORING
- ORDNANCE GRADE
- SIGN

SEE SHEET 2 FOR INDEX OF SHEETS

CITY OF CHICAGO
BRANDON JOHNSON, MAYOR
DEPARTMENT OF TRANSPORTATION
THOMAS CARNEY, COMMISSIONER
DIVISION OF PROJECT DEVELOPMENT
VIGNESH KRISHNAMURTHY, MANAGING DEPUTY COMMISSIONER
CONTRACT PLANS
FOR

1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
1111TH STREET: FROM MARTIN LUTHER KING JR. DRIVE TO DOTY/CORLISS AVENUE
COTTAGE GROVE AVENUE: FROM 1111TH STREET TO 108TH STREET

C.D.O.T. PROJECT NO. S-0-450
 SPECIFICATION NO. 1265409

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION

APPROVED: *Alexa Tolson* PROJECT MANAGER / DATE 05-24-23

APPROVED: *Thomas Carney* MANAGING DEPUTY COMMISSIONER / DATE 5-24-23

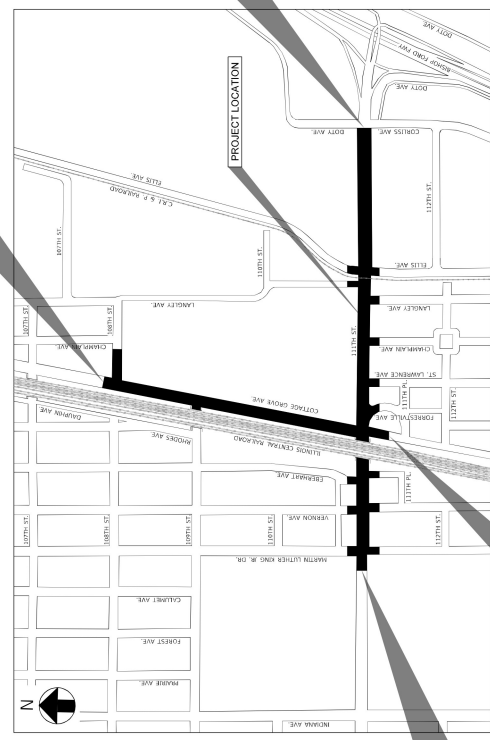
APPROVED: *Thomas Carney* ACTING COMMISSIONER / DATE 8/16/23

SHEETS 1-122, 199-180, 217-247
 SIGNED: *Thomas Carney* DATE: 4-14-2023 EXPIRES: 11-30-2023

SHEETS 123-146
 SIGNED: *R.D. Pugh* DATE: 4-14-2023 EXPIRES: 11-30-2023

SHEETS 147-158
 SIGNED: *Thomas Carney* DATE: 4-14-2023 EXPIRES: 11-30-2023

SHEETS 181-216
 SIGNED: *R.D. Pugh* DATE: 4-14-2023 EXPIRES: 11-30-2023



LOCATION MAP
 (NOT TO SCALE)

1111TH STREET: STA. 14+84.69 - STA. 26+61.13
 1111TH STREET: STA. 103+02.40 - STA. 130+62.49
 COTTAGE GROVE AVENUE: STA. 303+51.82 - STA. 325+11.77
 OVERALL LENGTH OF PROJECT = 1.15 MILES

OUC EFP FILE #EFP-125582
DEO WO #12021039

PRIOR TO CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO CALL THE CHICAGO UTILITY ALERT NETWORK (DIGGER/CHICAGO 811) AT 312-744-7000 FOR UNDERGROUND UTILITY LOCATIONS.

THIS CERTIFIES THAT THESE DRAWINGS HAVE BEEN REVIEWED TO THE BEST OF MY KNOWLEDGE AND I BELIEVE THEM TO BE IN ACCORDANCE WITH ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO, STATE OF ILLINOIS.

THOMAS CARNEY
 LICENSED ARCHITECT / LICENSED ENGINEER

TRAFFIC DATA

AVERAGE DAILY TRAFFIC	SPEED LIMIT	
	EXISTING	PROPOSED
1111TH ST. (M.L.K. DR. TO C.G. AV.)	10,350 (2018)	30
1111TH ST. (C.G. AV. TO ELLIS AV.)	13,800 (2019)	30
1111TH ST. (ELLIS AV. TO DOTY/CORLISS AV.)	15,400 (2019)	35
COTTAGE GROVE AVE.	7,400 (2018)	35

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.

CIVILTECH
 30 N LaSalle St. Suite 3220 - Chicago, Illinois 60602
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 www.civiltechinc.com

DEPARTMENT OF PROCUREMENT SERVICES
 AILEEN VELAZQUEZ, CHIEF PROCUREMENT OFFICER

INDEX OF SHEETS

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LIST OF ILLINOIS DOT HIGHWAY STANDARDS

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42401-1-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
42402-1-05	DEPRESSED CORNER FOR SIDEWALKS
42403-1-02	ENTRANCE / ALLEY PAVEMENT CROSSINGS
42404-1-04	Median Pedestrian Crossings
41220-1-04	CLASS C AND D PATCHES
60100-1-05	PPE UNDERDRAINS
60600-1-07	CONCRETE CURB TIE B AND COMBINATION CONCRETE CURB & GUTTER
66820-1-04	PC CONCRETE SHIMPS AND MEDANS
70110-1-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
70110-1-02	URBAN LANE CLOSURE, MULTILANE, MORE THAN 15' AWAY
70160-1-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVELABLE MEDIUM
70160-1-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIIRECTIONAL LEFT TURN LANE
70170-1-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
70190-1-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
70190-1-08	TRAFFIC CONTROL DEVICES
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LIST OF ILLINOIS DOT HIGHWAY DISTRICT ONE STANDARD DETAILS

800-1	DETAILS FOR FRAMES AND LOGS ADJUSTMENT WITH MILLING
800-2	PARALLEL PAVEMENT FOR LANE, SIDEWALK PAVEMENT
800-3	BLUNT JOINT AND JOBS PAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS
TC-11	TYPICAL APPLICATIONS BASED REFLECTIVE PAVEMENT MARKERS (SHOW/LOW RESISTANT)
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	DETOUR ROAD INFORMATION SIGN
TC-24	CITY OF CHICAGO PAVEMENT MARKINGS
TC-26	DRIVEWAY ENTRANCE SIGNING

GENERAL NOTES

- ANY REFERENCE TO "STANDARD SPECIFICATIONS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL REFER TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (SRB) ADOPTED JANUARY 1, 2022, AND THE DOT SUPPLEMENTAL SPECIFICATIONS, ADOPTED JANUARY 1, 2023. ALL DIMENSIONS SHOWN ON THE PLANS ARE TO THE FACE OF THE CURB, UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PREVENT ABUTTING OR COLLIDING WITH EXISTING UTILITIES.
- IT IS CALLED TO THE CONTRACTOR'S ATTENTION THAT CERTAIN PERMITS AND FEES WILL BE RESPONSIBLE FOR OBTAINING ALL CONSTRUCTION PERMITS THAT MAY BE NECESSARY FOR CONSTRUCTION OPERATION. THE COST OF THESE PERMITS AND FEES SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR MOBILIZATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- REMOVALS AND PROPOSED IMPROVEMENTS PLAN
- CONSTRUCTION SHALL COMMENCE AT LEAST 30 DAYS IN ADVANCE OF THE DATE THAT THE UTILITY WORK IS TO BE INITIATED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY CONSTRUCTION PERMITS AND FEES FROM THE CITY OF CHICAGO.
- ALL WORK BEGIN DURING A CONSTRUCTION SEASON MUST BE COMPLETED PRIOR TO THE END OF THAT SEASON. THE CONTRACTOR SHALL LIMIT PAVEMENT REMOVAL OPERATIONS TO AN AREA, IN WHICH BASE COURSE AND/OR PROPOSED MEDIAN CURB WALL CAN REASONABLY BE CONSTRUCTED WITHIN THE PERMITTED CONSTRUCTION SCHEDULE SUBMITTED AND APPROVED AT THE START OF WORK.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON CHICAGO CITY DATUM WHICH IS 579.88 FEET ABOVE MEAN SEA LEVEL, 1935 ADJUSTMENT.
- IN ACCORDANCE WITH ARTICLE 11 OF THE GENERAL CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FEES. PARTICULAR ATTENTION WILL BE GIVEN TO REMOVAL AND REPLACEMENT OF CURB AND GUTTER.
- EXISTING UTILITIES LOCATED IN THE PROJECT AREA SHALL BE RECORDED. THESE UTILITIES REMOVED ARE REQUIRED TO BE REPAIRED IN THE SHORTEST PERIOD OF TIME, AND AT NO TIME WILL THEIR REPLACEMENT EXCEED 14 CALENDAR DAYS OR THE NUMBER OF CALENDAR DAYS GIVEN IN THE APPROVED PROJECT SCHEDULE. THE COST OF COMPLIANCE WITH THIS REQUIREMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE SRB, AND THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) AS REGARDS TO THE DISPOSAL OF EXCAVATED MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING FOR THE PRESENCE OF PCB'S BASED ON THE RESULTS OF THE ENVIRONMENTAL TESTING. THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO LEGALLY DISPOSE OF ALL EXCAVATED MATERIALS.
- CONSIDERED NON-SPECIAL WASTE AS PER ILL. STATUTE 310/1-01. THESE MATERIALS SHALL BE LEGALLY DISPOSED OF AT AN EXCAVATED MATERIALS HANDLING FACILITY.
- ALL STREET SIGNAGE REMOVED FOR CONSTRUCTION MUST BE CONSOLIDATED AND STORED AT A CENTRAL LOCATION ON SITE. THIS LOCATION MUST BE FORWARDED TO CDOT'S HIGHWAY SIGNAGE PROGRAM (HSP) IN WRITING PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR MUST COORDINATE WITH CDOT'S RESIDENT ENGINEERS TO REINSTALL STREET SIGNAGE IN A TIMELY MANNER.
- ADVERTISING BENCHES THAT ARE PRESENT WITHIN THE WORK ZONE MUST BE REMOVED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE OWNER OF THE BENCH, OR VOUCHER ADVERTISING AT 708-632-6020 FOR REMOVAL AND REPLACEMENT OF THE BENCH.
- ALL WATER AND PAVING PAY BAY WORK REQUIRES PPE TO CONSTRUCTION MUST BE PERFORMED BY THE CITY OF CHICAGO DEPARTMENT OF REVENUE ONLY. THE CONTRACTOR SHALL PAY ALL FEES REQUIRED BY SECTION 94B-050 OF THE MUNICIPAL CODE OF CHICAGO. REFER TO ARTICLE 94B-050 OF THE MUNICIPAL CODE OF CHICAGO FOR FURTHER RULES TO BE INSTALLED, REMOVED OR RELOCATED AT THE PROJECT LOCATION OR AT ANY AND ALL LOCATIONS DIRECTLY OR INDIRECTLY INVOLVED WITH THE PROJECT.
- A PERMIT IS REQUIRED FROM THE STATE HISTORIC PRESERVATION OFFICE (SHPO) IN ADVANCE OF ANY EXCAVATION WORK THAT MAY INVOLVE HISTORIC STRUCTURES OR FEATURES. CONTACT JEFF KRUGHEN, SHPO PRINCIPAL ARCHAEOLOGIST, AT (312) 789-1279 OR JEFF.KRUGHEN@ILLINOIS.GOV FOR PERMIT APPLICATIONS.

ADA NOTES

- FOR THE LATEST CITY OF CHICAGO ADA REQUIREMENTS FOR THE PLANS GO TO WWW.CITYOFCHICAGO.GOV. GO TO THE CITY DEPARTMENT'S TAB AT THE TOP, THEN GO TO THE "ACCESSIBILITY" SECTION. UNDER "CONSTRUCTION DETAILS" YOU WILL GET THE MOST RECENT ADA CONSTRUCTION STANDARDS.

CIVIL NOTES

- THE ENTIRE AREA WHICH IS TO RECEIVE BITUMINOUS MATERIALS (TACK COAT) MUST BE SWEEPED CLEAN BEFORE THE MATERIAL IS APPLIED. THE SWEEPINGS WILL NOT BE DUMPED IN THE CUTTER OR ON THE CURB, PARKWAY, OR SIDEWALK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FEES FROM THE CITY OF CHICAGO.
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- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE SRB, AND THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) AS REGARDS TO THE DISPOSAL OF EXCAVATED MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING FOR THE PRESENCE OF PCB'S BASED ON THE RESULTS OF THE ENVIRONMENTAL TESTING. THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO LEGALLY DISPOSE OF ALL EXCAVATED MATERIALS.
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UTILITY NOTES (CONTINUED)

- THE CONTRACTOR IS TO PROTECT ALL EXISTING AND NEW UTILITIES WHICH CONSIDERED NECESSARY BY THE COMMISSIONER. USING METHODS APPROVED BY THE COMMISSIONER. THE CONTRACTOR WILL BRACE AND SUPPORT THE UTILITIES, THE COST OF UTILITY PROTECTION AS SPECIFIED IN HEREIN WILL BE CONSIDERED AS INCIDENTAL TO "MOBILIZATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- EXISTING UTILITIES LOCATED IN THE PROJECT AREA SHALL BE RECORDED. THESE UTILITIES REMOVED ARE REQUIRED TO BE REPAIRED IN THE SHORTEST PERIOD OF TIME, AND AT NO TIME WILL THEIR REPLACEMENT EXCEED 14 CALENDAR DAYS OR THE NUMBER OF CALENDAR DAYS GIVEN IN THE APPROVED PROJECT SCHEDULE. THE COST OF COMPLIANCE WITH THIS REQUIREMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
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DRAWING NO.	CITY OF CHICAGO	DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	SECTION NO.	PROJECT NO.
GH-1	CITY OF CHICAGO	DEPARTMENT OF TRANSPORTATION	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	SECTION NO.	PROJECT NO. 5J4541
SHEET NO. 2				SCALE	

DEPT. OF WATER MANAGEMENT NOTES (CONTINUED)

- 19. FLOW RESTRICTORS MUST BE INSTALLED IN ALL CATCH BASINS, OUTSIDE OF THE CENTRAL BUSINESS DISTRICT...
20. AS-BUILT PLANS MUST BE SUBMITTED SOON AFTER WORK COMPLETION...
21. THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES...
22. BENCHMATH FULL DEPTH PAVEMENT CONSTRUCTION AND WIRBLE LATERAL CONNECTIONS TO THE EXISTING SEWERS ARE BEING MADE...

DEPT. OF WATER MANAGEMENT NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE ADEQUATE PROTECTION OF THE EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, AND BENCH MONUMENTS DURING CONSTRUCTION OPERATIONS...
2. CONSULTANTS/CONTRACTORS TO OBTAIN THE NECESSARY BACKGROUND INFORMATION FROM THE DRAWINGS/CONTRACT PLANS AND FOR EXISTING FACILITIES PROTECTION DURING THE CONSTRUCTION...
3. A PERMIT IS REQUIRED FROM THE DEPARTMENT OF BUILDINGS, SEWER UNIT PRIOR TO THE CONSTRUCTION...
4. THE CONTRACTOR MUST LOCATE AND PROPERLY CONNECT TO THE NEW SEWERS ALL LIVE SEWERS...

UTILITY NOTES (CONTINUED)

- 18. PLEASE CONTACT AT&T LEGAL MANDATE ENGINEER CHUCK RIVETER AT C. 634-72-5482 OR E. CDT23@ATT.COM...
19. HORIZONTAL CLEARANCE REQUIREMENTS ASSUMES ALL UTILITIES FOR DAMAGES TO 7.5 FT FACILITIES...
20. CROSSING FACILITIES MUST BE MAINTAINED TO LOCATE AND EXPOSE PEER OPTIC FACILITIES PRIOR TO CONSTRUCTION...

DEPT. OF WATER MANAGEMENT NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE ADEQUATE PROTECTION OF THE EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, AND BENCH MONUMENTS DURING CONSTRUCTION OPERATIONS...
2. CONSULTANTS/CONTRACTORS TO OBTAIN THE NECESSARY BACKGROUND INFORMATION FROM THE DRAWINGS/CONTRACT PLANS AND FOR EXISTING FACILITIES PROTECTION DURING THE CONSTRUCTION...
3. A PERMIT IS REQUIRED FROM THE DEPARTMENT OF BUILDINGS, SEWER UNIT PRIOR TO THE CONSTRUCTION...

MAINTENANCE OF TRAFFIC NOTES (CONTINUED)

- 3. ADEQUATE PROVISIONS FOR PEDESTRIAN TRAFFIC MUST BE PROVIDED AT ALL TIMES...
4. SEE COOT SPECIAL PROVISIONS FOR VEHICLE TRAFFIC CONTROL AND PROTECTION...
5. SUBMIT A TIME SCHEDULE FOR THE CONSTRUCTION OF THIS PROJECT...
6. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ILLINOIS DEPARTMENT OF TRANSPORTATION...

LANDSCAPING NOTES

- 1. THE CONTRACTOR IS REQUIRED TO OBTAIN A PERMIT TO REMOVE PLANT, SPRAY, UPLAND TREES IN THE PUBLIC WAY...
2. TREES MUST BE TAGGED BY C.D.O.T. CONTACT JEFF BRINK AT 312-744-8144...
3. THE CONTRACTOR SHALL ADVISE TO THE LIMITS OF RESTORATION SHOW, AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR...

EROSION AND SEDIMENT CONTROL

- 1. ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE ILLINOIS URBAN STABILIZATION MEASURES...
2. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION...
3. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RAINFALL EVENT...
4. THE MAINTENANCE AND REPAIR OR REPLACEMENT OF EROSION CONTROL ITEMS, WHEN DIRECTED BY THE ENGINEER, WILL NOT BE PAID FOR SEPARATELY...

DEPT. OF WATER MANAGEMENT NOTES (CONTINUED)

- 19. FLOW RESTRICTORS MUST BE INSTALLED IN ALL CATCH BASINS, OUTSIDE OF THE CENTRAL BUSINESS DISTRICT...
20. AS-BUILT PLANS MUST BE SUBMITTED SOON AFTER WORK COMPLETION...
21. THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES...
22. BENCHMATH FULL DEPTH PAVEMENT CONSTRUCTION AND WIRBLE LATERAL CONNECTIONS TO THE EXISTING SEWERS ARE BEING MADE...

DEPT. OF WATER MANAGEMENT NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE ADEQUATE PROTECTION OF THE EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, AND BENCH MONUMENTS DURING CONSTRUCTION OPERATIONS...
2. CONSULTANTS/CONTRACTORS TO OBTAIN THE NECESSARY BACKGROUND INFORMATION FROM THE DRAWINGS/CONTRACT PLANS AND FOR EXISTING FACILITIES PROTECTION DURING THE CONSTRUCTION...
3. A PERMIT IS REQUIRED FROM THE DEPARTMENT OF BUILDINGS, SEWER UNIT PRIOR TO THE CONSTRUCTION...

PAY ITEM SPECIFIC NOTES

- 1. LIMESTONE CHANGED MATERIAL, OR ANY OTHER LINE BEARING MATERIAL WILL NOT BE PERMITTED WITHIN 3 FEET OF ANY PAVING MATERIALS...
2. GRANULAR MATERIAL OF THE SUBGRADE WILL NOT BE CONSIDERED INCIDENTAL TO SUBGRADE PREPARATION...
3. THE CONTRACTOR MUST PROVIDE ADDITIONAL TRAFFIC CONTROL DEVICES AND FLAGGERS WHEN PLACING...
4. THE CONTRACTOR SHALL PROTECT ALL NEW PAVEMENT MARKINGS FROM TRAFFIC UNTIL THE THERMOPLASTIC/PREFORMED PLASTIC HAS SET SUFFICIENTLY TO ASSUME TRAFFIC...
5. THE CONTRACTOR SHALL PROTECT ALL NEW PAVEMENT MARKINGS FROM TRAFFIC UNTIL THE THERMOPLASTIC/PREFORMED PLASTIC HAS SET SUFFICIENTLY TO ASSUME TRAFFIC...
6. PAVEMENT MARKING REMOVAL WILL NOT BE PAID FOR WHEN THE EXISTING MARKING IS REMOVED BY THE CONTRACTOR...

MAINTENANCE OF TRAFFIC NOTES

- 1. TRAFFIC WILL BE MAINTAINED ON ALL STREETS AND PARKING WILL BE PROHIBITED WITHIN 50 FEET OF THE CONSTRUCTION AREA AT ALL TIMES...
2. WHEN THE PAVEMENT CONSTRUCTION IS PORTLAND CEMENT CONCRETE BASE COURSE OR PORTLAND CEMENT CONCRETE PAVEMENT, IT SHALL NOT BE OPENED TO TRAFFIC...
3. THE CONTRACTOR'S VEHICLES SHALL ALWAYS MOVE WITH AND NOT AGAINST OR ACROSS THE FLOW OF TRAFFIC...
4. ACCESS TO EXISTING CROSS ROADS AND DRIVES MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

UTILITY NOTES (CONTINUED)

- 18. PLEASE CONTACT AT&T LEGAL MANDATE ENGINEER CHUCK RIVETER AT C. 634-72-5482 OR E. CDT23@ATT.COM...
19. HORIZONTAL CLEARANCE REQUIREMENTS ASSUMES ALL UTILITIES FOR DAMAGES TO 7.5 FT FACILITIES...
20. CROSSING FACILITIES MUST BE MAINTAINED TO LOCATE AND EXPOSE PEER OPTIC FACILITIES PRIOR TO CONSTRUCTION...

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- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE ADEQUATE PROTECTION OF THE EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, AND BENCH MONUMENTS DURING CONSTRUCTION OPERATIONS...
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3. A PERMIT IS REQUIRED FROM THE DEPARTMENT OF BUILDINGS, SEWER UNIT PRIOR TO THE CONSTRUCTION...

PAY ITEM SPECIFIC NOTES

- 1. LIMESTONE CHANGED MATERIAL, OR ANY OTHER LINE BEARING MATERIAL WILL NOT BE PERMITTED WITHIN 3 FEET OF ANY PAVING MATERIALS...
2. GRANULAR MATERIAL OF THE SUBGRADE WILL NOT BE CONSIDERED INCIDENTAL TO SUBGRADE PREPARATION...
3. THE CONTRACTOR MUST PROVIDE ADDITIONAL TRAFFIC CONTROL DEVICES AND FLAGGERS WHEN PLACING...
4. THE CONTRACTOR SHALL PROTECT ALL NEW PAVEMENT MARKINGS FROM TRAFFIC UNTIL THE THERMOPLASTIC/PREFORMED PLASTIC HAS SET SUFFICIENTLY TO ASSUME TRAFFIC...
5. THE CONTRACTOR SHALL PROTECT ALL NEW PAVEMENT MARKINGS FROM TRAFFIC UNTIL THE THERMOPLASTIC/PREFORMED PLASTIC HAS SET SUFFICIENTLY TO ASSUME TRAFFIC...
6. PAVEMENT MARKING REMOVAL WILL NOT BE PAID FOR WHEN THE EXISTING MARKING IS REMOVED BY THE CONTRACTOR...

MAINTENANCE OF TRAFFIC NOTES

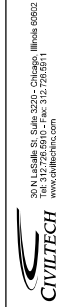
- 1. TRAFFIC WILL BE MAINTAINED ON ALL STREETS AND PARKING WILL BE PROHIBITED WITHIN 50 FEET OF THE CONSTRUCTION AREA AT ALL TIMES...
2. WHEN THE PAVEMENT CONSTRUCTION IS PORTLAND CEMENT CONCRETE BASE COURSE OR PORTLAND CEMENT CONCRETE PAVEMENT, IT SHALL NOT BE OPENED TO TRAFFIC...
3. THE CONTRACTOR'S VEHICLES SHALL ALWAYS MOVE WITH AND NOT AGAINST OR ACROSS THE FLOW OF TRAFFIC...
4. ACCESS TO EXISTING CROSS ROADS AND DRIVES MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

Header section containing drawing title '111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS', project number 'GN-2', sheet number '3', and client information 'CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT'.

Footer section containing drawing title '111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS', project number 'GN-2', sheet number '3', and client information 'CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT'.

ITEM NO.	CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
1	*****	AIR EXCAVATION	SQ YD	50
2	*****	SOIL CONDITIONER - 3 INCH	CU YD	13
3	CDOT2010010	ROOT PRUNING	FOOT	780
4	CDOT2010020	TREE PROTECTION	EACH	39
5	CDOT2010030	TREE REMOVAL (1 TO 6 UNITS DIAMETER)	UNIT	55
6	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	233
7	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	58
8	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10
9	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	20
10	20200100	EARTH EXCAVATION	CU YD	1659
11	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50
12	20700110	POROUS GRANULAR EMBANKMENT	TON	150
13	CDOT2070020	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	50
14	20800150	TRENCH BACKFILL	CU YD	85
15	CDOT2110010	PULVERIZED TOPSOIL MIX	CU YD	1048
16	*****	CDOT STRUCTURAL SOIL	CU YD	387
17	25100630	EROSION CONTROL BLANKET	SQ YD	7686
18	25200110	SODDING, SALT TOLERANT	SQ YD	7686
19	25200200	SUPPLEMENTAL WATERING	UNIT	7
20	26000250	TEMPORARY EROSION CONTROL SEEDING	POUND	65
21	26000510	INLET FILTERS	EACH	88
22	31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	519
23	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	15711
24	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	9566
25	35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	4332
26	40500290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14050
27	40500400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	20
28	40800801	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	TON	27
29	40802985	HOT MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	2672
30	40804062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	4680

ITEM NO.	CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
31	42001100	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	323
32	*****	BUS PAD PCC PAVEMENT, 12" (HES)	SQ YD	1800
33	42001300	PROTECTIVE COAT	SQ YD	17302
34	CDOT4200010	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8 INCH	SQ YD	954
35	CDOT4200030	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE ALLEY PAVEMENT 8 INCH	SQ YD	31
36	CDOT4200010	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	114294
37	*****	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	8986
38	CDOT4200040	PORTLAND CEMENT CONCRETE ADA RAMP 8 INCH	SQ FT	8541
39	CDOT4200055	LINEAR DETECTABLE WARNING TILES (CAST IRON)	SQ FT	1652
40	CDOT4200065	RADIAL DETECTABLE WARNING TILES (CAST IRON)	SQ FT	112
41	CDOT4200070	PROPERTY LINE CURB	FOOT	30
42	44000100	PAVEMENT REMOVAL	SQ YD	11877
43	CDOT4400010	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	16765
44	X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL, (VARIABLE DEPTH)	SQ YD	50
45	*****	DRIVEWAY AND ALLEY PAVEMENT REMOVAL	SQ YD	1216
46	44000300	CURB REMOVAL	FOOT	50
47	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	9248
48	*****	SIDEWALK REMOVAL	SQ FT	85653
49	44201341	CLASS C PATCHES, TYPE II, 9 INCH	SQ YD	120
50	44201345	CLASS C PATCHES, TYPE III, 9 INCH	SQ YD	100
51	44201347	CLASS C PATCHES, TYPE IV, 9 INCH	SQ YD	125
52	44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	24
53	44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	20
54	44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	25
55	*****	STORM SEWERS, TYPE 2, 8-INCH (EXTRA STRENGTH VITRIFIED CLAY PIPE)	FOOT	181
56	*****	STORM SEWERS, TYPE 2, 8 INCH (DUCTILE IRON PIPE)	FOOT	149
57	*****	PLUG EXISTING SEWER	EACH	19
58	CDOT6020010	CATCH BASINS, TYPE A, 4-DIAMETER, TYPE 1 FRAME, OPEN I.D. (CITY OF CHICAGO)	EACH	18
59	CDOT6020020	INLETS, TYPE A, TYPE 1 FRAME, OPEN I.D. (CITY OF CHICAGO)	EACH	2
60	*****	REMOVING MANHOLES	EACH	1



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DRAWN: CUB			
CHECKED: B/B			
APPROVED: M/F			
DATE: 10/27/2023	DATE:	REVISION BY:	DESCRIPTION:

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND
COTTAGE GROVE AVENUE
IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: SECTION NO. PROJECT NO. SHEET NO.

DRAWING NO. 500-1
SHEET NO. 4

ITEM NO.	CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
81	70107024	PAVEMENT MARKING BLACKOUT TAPE, 24"	FOOT	1189
82	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	700
83	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7850
84	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1921
85	70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	28782
86	70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	3852
87	70300821	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	882
88	70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	115
89	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	1281
90	70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	866
91	70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	515
92	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	1948
93	70400100	TEMPORARY CONCRETE BARRIER	FOOT	1000
94	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	5000
95	70600255	IMPACT ATTENUATORS, TEMPORARY (FULL REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4
96	70600320	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	15
97	Z0082456	TEMPORARY PAVEMENT	SQ YD	100
98	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	888
99	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	40087
100	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	8440
101	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1876
102	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	8082
103	*****	METHYL METHACRYLATE PAVEMENT COLORIZATION, GREEN	SQ FT	18000
104	*****	METHYL METHACRYLATE PAVEMENT COLORIZATION, WHITE	SQ FT	1190
105	*****	METHYL METHACRYLATE PAVEMENT COLORIZATION, YELLOW	SQ FT	269
106	78000810	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	50
107	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	734
108	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	72
109	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	522
120	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	205

ITEM NO.	CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
61	CDOT6050020	REMOVING CATCH BASINS	EACH	18
62	CDOT6050030	REMOVING INLETS	EACH	7
63	*****	FRAMES AND LIDS (CITY OF CHICAGO)	EACH	28
64	*****	ADDITIONAL MASONRY	VERTICAL FOOT	25
65	*****	TELEWISE EXISTING STORM SEWER, 12 INCH	FOOT	1511
66	*****	TELEWISE EXISTING STORM SEWER, 15 INCH	FOOT	2419
67	*****	TELEWISE EXISTING STORM SEWER, 24 INCH	FOOT	400
68	*****	TELEWISE EXISTING STORM SEWER, 30 INCH	FOOT	200
69	*****	TELEWISE EXISTING STORM SEWER, 36 INCH	FOOT	66
70	*****	TELEWISE EXISTING STORM SEWER, 48 INCH	FOOT	348
71	*****	TELEWISE EXISTING STORM SEWER, 54 INCH	FOOT	342
72	*****	TELEWISE EXISTING STORM SEWER, 72 INCH	FOOT	329
73	*****	TELEWISE EXISTING STORM SEWER, 78 INCH	FOOT	558
74	80600805	CONCRETE CURB, TYPE B	FOOT	2283
75	CDOT6060020	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V-12	FOOT	9534
76	X6081802	CONCRETE MEDIAN, TYPE SM (SPECIAL)	SQ FT	3988
77	*****	CONCRETE MEDIAN SURFACE, 8-INCH	SQ FT	456
78	86800200	NON-SPECIAL WASTE DISPOSAL	CU YD	1024
79	86800530	SOIL DISPOSAL ANALYSIS	EACH	10
80	66801001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
81	66801003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
82	66801006	REGULATED SUBSTANCES MONITORING	CAL DA	10
83	CDOT6700010	ENGINEER'S FIELD OFFICE	CAL MO	12
84	67100100	MOBILIZATION	L SUM	1
85	*****	VEHICLE TRAFFIC CONTROL AND PROTECTION	L SUM	1
86	*****	PEDESTRIAN TRAFFIC CONTROL AND PROTECTION	L SUM	1
87	*****	MAINTENANCE OF ACCESS TO ADJUTING PROPERTY	L SUM	1
88	70107004	PAVEMENT MARKING BLACKOUT TAPE, 4"	FOOT	4659
89	70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	7629
90	70107012	PAVEMENT MARKING BLACKOUT TAPE, 12"	FOOT	100

DRAWN: CUB	CITY OF CHICAGO	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	SUMMARY OF QUANTITIES	DRAWING NO. 500-2
CHECKED: BJB	DEPARTMENT OF TRANSPORTATION			SHEET NO. 5
APPROVED: MIF	DIVISION OF PROJECT DEVELOPMENT			
DATE: 10/27/2023				

ITEM NO.	CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
121	*****	REMOVE AND RELOCATE SIGN PANEL	EACH	5
122	*****	REMOVE AND SALVAGE SIGN PANEL	EACH	136
123	*****	REMOVE EXISTING SIGN PANEL AND POST ASSEMBLY AND SALVAGE	EACH	45
124	*****	FURNISH AND INSTALL POLE AND BASE	EACH	101
125	*****	SIGN PANEL - TYPE 1 - RETROREFLECTIVE - TYPE A - SINGLE-SIDED	SQ FT	1088
126	*****	SIGN PANEL - TYPE 1 - RETROREFLECTIVE - TYPE A - DOUBLE-SIDED	SQ FT	50
127	*****	SIGN PANEL - TYPE 1 - NON-REFLECTIVE - DOUBLE-SIDED	SQ FT	50
128	*****	STREET NAME SIGNS	SQ FT	160
129	*****	TUBULAR FLEXIBLE DELINEATOR	EACH	45
130	*****	REMOVE BIKE RACK	EACH	8
131	*****	REMOVE BENCH	EACH	1
132	*****	REMOVE AND RELOCATE EXISTING CONCRETE PLANTER	EACH	4
133	*****	REMOVE TRASH RECEPTACLE	EACH	5
134	X0327552	TREE GRATE REMOVAL	EACH	10
135	X0327860	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	500
136	X0428200	DEWATERING	L SUM	1
137	*****	DOMESTIC WATER SHUT-OFF BOXES AND VALVE BOXES TO BE ADJUSTED	EACH	10
138	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	175
139	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	43
140	Z0018805	DRILL AND GROUT BARS	EACH	4800
141	Z0036200	PAINT CURB	FOOT	1128
142	*****	CONCRETE PAVERS, TYPE 1	SQ FT	2786
143	*****	CONCRETE PAVERS, TYPE 2	SQ FT	667
144	*****	CLAY BRICK PAVERS	SQ FT	10687
145	*****	CONCRETE PAVERS, TYPE 1 (FURNISH ONLY)	SQ FT	200
146	*****	CONCRETE PAVERS, TYPE 2 (FURNISH ONLY)	SQ FT	200
147	*****	CLAY BRICK PAVERS (FURNISH ONLY)	SQ FT	200
148	*****	BENCH, 6FT, TYPE 1	EACH	8
149	*****	BENCH, 6FT, TYPE 2	EACH	4
150	*****	BIKE RACK	EACH	16

ITEM NO.	CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
151	*****	TRASH RECEPTACLE, TYPE 1	EACH	15
152	*****	TRENCH AND BACKFILL WITH SCREENINGS	LNFT	13985
153	*****	HANDHOLE, 30"X36" WITH 24" FRAME AND LID	EACH	19
154	*****	HANDHOLE, HEAVY DUTY, 36" X 36" WITH 24" FRAME AND LID	EACH	1
155	*****	ELECTRICAL MANHOLE 3'X4'X4' WITH 24" FRAME AND LID	EACH	3
156	*****	DRILL EXISTING MANHOLE OR HANDHOLE	EACH	45
157	*****	CLEAN EXISTING MANHOLE OR HANDHOLE	EACH	16
158	*****	CONDUIT IN TRENCH, 3/4" GALVANIZED STEEL	LNFT	45
159	*****	CONDUIT IN TRENCH, 2" GALVANIZED STEEL	LNFT	42
160	*****	GALVANIZED STEEL CONDUIT ATTACHED TO STRUCTURE 3/4"	LNFT	15
161	*****	CONDUIT IN TRENCH, 2" PVC	LNFT	10442
162	*****	CONDUIT IN TRENCH, 3" PVC	LNFT	5464
163	*****	CONDUIT IN TRENCH, 2" PVC SCHEDULE #80	LNFT	1539
164	*****	CONDUIT IN TRENCH, 3" PVC SCHEDULE #80	LNFT	2259
165	*****	GALVANIZED STEEL CONDUIT, PUSHED, 2"	LNFT	88
166	*****	GALVANIZED STEEL CONDUIT, PUSHED, 3"	LNFT	201
167	*****	GROUND ROD IN HANDHOLE	EACH	22
168	*****	ROD AND CLEAN DUCT IN EXISTING CONDUIT SYSTEM	LNFT	1758
169	*****	CONCRETE FOUNDATION FOR BASE MOUNTED 'SUPER P' CABINET	EACH	3
170	*****	CONCRETE FOUNDATION FOR BASE MOUNTED STREET LIGHT CABINET	EACH	3
171	*****	CONCRETE FOUNDATION, 24"X9" WITH 1 1/4" A.R.	LNFT	27
172	*****	CONCRETE FOUNDATION, 28"X7" WITH 1 1/4" A.R.	EACH	141
173	*****	CONCRETE FOUNDATION, 30" DIAMETER, 171/4" BOLT CIRCLE, 1 1/4" A.R.	LNFT	9
174	*****	CONCRETE FOUNDATION, 24", OFFSET, 1 1/4" A.R.	EACH	4
175	*****	ELBOW, CONDUIT, STEEL, 2", ADJACENT TO EMBEDDED POLE/STRUCTURE	EACH	4
176	*****	ELBOW, CONDUIT, STEEL, 3", ADJACENT TO EMBEDDED POLE/STRUCTURE	EACH	3
177	*****	INTEREXISTING CONDUIT	EACH	1
178	*****	COLLABLE CONDUIT, HDPE #80, DIRECTIONAL BORING, 2"	LNFT	605
179	*****	COLLABLE CONDUIT, HDPE #80, DIRECTIONAL BORING, 3"	LNFT	904
180	*****	POLE, STEEL, 3/4", ANCHOR BASE, 10'D, 7 GUAGE	EACH	78

DRAWN: CUB
 CHECKED: B/B
 APPROVED: M/F
 DATE: 10/27/2023



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DESCRIPTION
 DATE
 REVISED BY
 REVISED BY

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT


111TH STREET AND
 COTTAGE GROVE AVENUE
 IMPROVEMENTS

SUMMARY OF QUANTITIES
 SCALE: SECTION NO. PROJECT NO. S-5451

DRAWING NO.
 S00-3
 SHEET NO.
 6

ITEM NO.	CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
211	*****	MAST ARM, TRAFFIC, STEEL MONOTUBE, 40 FOOT	EACH	1
212	*****	MAST ARM, STEEL, 8' WITH POLE PLATE	EACH	1
213	*****	ELECTRIC CABLE IN CONDUIT, #14 2/C SHIELDED	LNFT	207
214	*****	ELECTRIC CABLE IN CONDUIT, #14 19/C	EACH	2217
215	*****	ELECTRIC CABLE IN CONDUIT, #4 2/C	LNFT	77
216	*****	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	LUMP	1
217	*****	HARNES CABLE, #16, 8'C	LNFT	420
218	*****	CABLE, T.S., AERIAL, TEMP.	LNFT	2200
219	*****	CONTROLLER, STREET LIGHT, BASE MOUNTED, 1 PHASE, 200 AMP	EACH	3
220	*****	SIGN, SYMBOLIC NRT, LED ILLUMINATED, BRACKET MOUNTED	EACH	1
221	*****	ATC CONTROLLER, TRAFFIC, 16 LOAD BAY, SUPER P CABINET, UPS	EACH	3
222	*****	INTERSECTION TECHNOLOGY ENHANCEMENTS	EACH	1
223	*****	360 DEGREE DETECTION CAMERA	EACH	3
224	*****	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	WEEK	36
225	*****	REMOVE WIRE RACK	EACH	83
226	*****	REMOVE AERIAL CABLE, SS 3/C#4	LNFT	250
227	*****	REMOVE SERVICE CABLE IN CONDUIT, 2 #10	LNFT	400
228	*****	REMOVE BRANCH WIRES, 2 #6	LNFT	7590
229	*****	REMOVE CABLE IN CONDUIT, 7, 10, 14, 19, 22, 0	LNFT	2475
230	*****	REMOVE HARNES CABLE, 8C	LNFT	140
231	*****	REMOVE SERVICE CABLE IN CONDUIT, 2/C	LNFT	476
232	*****	REMOVE RISER ON EMBEDDED POLE 1 1/4", 2"	EACH	6
233	*****	REMOVE SERVICE CABLE IN CONDUIT 3 #2	LNFT	350
234	*****	REMOVE POLE, STEEL, AB, 10', 7 6A, 34 6"	EACH	1
235	*****	REMOVE POLE, STEEL, AB, 10', 3 6A, 34 6"	EACH	3
236	*****	REMOVE POLE, STEEL, AB, 11', 3 6A, 34 6"	EACH	1
237	*****	REMOVE POLE MOUNTED STREET LIGHT CONTROLLER	EACH	2
238	*****	REMOVE TS HEAD, 1 - FACE	EACH	42
239	*****	REMOVE PED. SIGNAL HEAD	EACH	10
240	*****	REMOVE MONOTUBE I/A, 20'	EACH	2

ITEM NO.	CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
181	*****	POLE, STEEL, 3/4 8", ANCHOR BASE, 10'D, 3 GUAGE	EACH	3
182	*****	POLE, STEEL, 3/4 8", ANCHOR BASE, 11'D, 3 GUAGE	EACH	1
183	*****	PAINT EXISTING TRAFFIC SIGNAL POLE	EACH	2
184	*****	PAINT EXISTING TRAFFIC SIGNAL POLE AND MAST ARM	EACH	10
185	*****	BASE, BALLAST HOUSING, STEEL, 7 GAUGE	EACH	3
186	*****	RACK, SECONDARY, AERIAL 2-WIRE	EACH	4
187	*****	CONDUIT RISER ON POLE, 2"	EACH	4
188	*****	CONDUIT RISER ON POLE, 3"	EACH	3
189	*****	CIRCUIT BREAKER, 2-POLE, 50 AMP, 600 VOLT, IN EXISTING STREET LIGHTING CONTROLLER	EACH	13
190	*****	CIRCUIT BREAKER, 1-POLE, 70 AMP, 600 VOLT IN STREET LIGHT CONTROLLER	EACH	1
191	*****	SERVICE INSTALLATION, 100 AMPERES	EACH	3
192	*****	SERVICE INSTALLATION, 200 AMPERES	EACH	3
193	*****	ELECTRIC CABLE IN CONDUIT, 1/C NO. 4	LNFT	648
194	*****	ELECTRIC CABLE IN CONDUIT, 1/C, NO. 2/0	LNFT	715
195	*****	TRIFLEX CABLE IN CONDUIT, 2 1/C#6& 1 1/C#8	LNFT	11867
196	*****	SERVICE CONNECTION TO CECO LINE	EACH	3
197	*****	SIGNAL HEAD, POLYCARBONATE, LED, 3-SECTION, BRACKET MOUNTED	EACH	18
198	*****	SIGNAL HEAD, POLYCARBONATE, LED, 5-SECTION, BRACKET MOUNTED	EACH	1
199	*****	SIGNAL HEAD, POLY, LED, BIKE, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
200	*****	SIGNAL HEAD, POLYCARBONATE, LED, 3-SECTION, MAST ARM MOUNTED	EACH	27
201	*****	SIGNAL HEAD, POLYCARBONATE, LED, 5-SECTION, MAST ARM MOUNTED	EACH	1
202	*****	SIGNAL HEAD, POLY, LED, BIKE, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	1
203	*****	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, COUNTDOWN, BRACKET MOUNTED	EACH	10
204	*****	ACCESSIBLE PEDESTRIAN SIGNAL	EACH	8
205	*****	JUNCTION BOX, POLE OR POST MOUNTED	EACH	23
206	*****	PEDESTRIAN PUSH BUTTON POST	EACH	1
207	*****	MAST ARM, TRAFFIC, STEEL MONOTUBE, 20 FOOT	EACH	2
208	*****	MAST ARM, TRAFFIC, STEEL MONOTUBE, 26 FOOT	EACH	1
209	*****	MAST ARM, TRAFFIC, STEEL MONOTUBE, 30 FOOT	EACH	3
210	*****	MAST ARM, TRAFFIC, STEEL MONOTUBE, 35 FOOT	EACH	2

DRAWN: CUB	CITY OF CHICAGO	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	DRAWING NO. 500-4
CHECKED: B/B	DEPARTMENT OF TRANSPORTATION		SHEET NO. 7
APPROVED: M/F	DIVISION OF PROJECT DEVELOPMENT		
DATE: 10/27/2023	 30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.civiltech.com	SCALE:	PROJECT NO. S-0451
REVISED BY:	DESCRIPTION:		
	DATE:		

ITEM NO.	CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
241	*****	REMOVE MICRO TUBE H. A. 26"	EACH	1
242	*****	REMOVE MICRO TUBE H. A. 30"	EACH	2
243	*****	REMOVE MICRO TUBE H. A. 40"	EACH	1
244	*****	REMOVE T'S POST. 15' 17"	EACH	3
245	*****	REMOVE CONTROLLER & POST	EACH	3
246	*****	REMOVE JUNCTION BOX. TSS 18	EACH	23
247	*****	REMOVE LUMINAIRE	EACH	76
248	*****	REMOVE MAST ARM, STEEL, 12'	EACH	13
249	*****	REMOVE CONTROLLER-BASE MOUNTED	EACH	1
250	*****	REMOVE POLE, STEEL, EMBEDDED, 7 GA. 35'	EACH	63
251	*****	ELECTRICAL SERVICE EQUIPMENT REMOVAL ON CECO POLE	EACH	5
252	*****	BREAKDOWN MANHOLE IN PARKWAY	EACH	4
253	*****	BREAKDOWN FOUNDATION, STREET LIGHT	EACH	8
254	*****	BREAKDOWN FOUNDATION, TYPE A	EACH	3
255	*****	BREAKDOWN FOUNDATION FOR BASE MOUNTED CONTROLLER	EACH	1
256	*****	CHICAGO 2000 LUMINAIRE ARM, 6 FOOT, WITH SCROLL	EACH	97
257	*****	CHICAGO 2000 POLE BASE	EACH	83
258	*****	LUMINAIRE LED, TEARDROP, CHICAGO 2000	EACH	97
259	*****	CHICAGO 2000 14' PEDESTRIAN POLE	EACH	60
260	*****	CHICAGO 2000 14' PEDESTRIAN POLE BASE	EACH	60
261	*****	LUMINAIRE LED, ACORN, CHICAGO 2000	EACH	60
262	*****	MAINTENANCE OF STREET LIGHTING SYSTEM	LSUM	1
263	*****	REINSTALL BASE MOUNTED TRAFFIC SIGNAL CONTROLLER	EACH	1
264	*****	TREE, CATALPA SPECIOSA, 3", BALLED AND BURLAPPED	EACH	19
265	*****	TREE, CELTIS OCCIDENTALIS 'CHICAGO LAND', 3", BALLED AND BURLAPPED	EACH	17
266	*****	TREE, GINKGO BILOBA, 3", BALLED AND BURLAPPED	EACH	18
267	*****	TREE, GYMNOCALDIUS DIOICUS, 3", BALLED AND BURLAPPED	EACH	18
268	*****	TREE, QUERCUS BICOLOR, 3" BALLED AND BURLAPPED	EACH	23
269	*****	TREE, QUERCUS X MACDANIELII 'CLEMONS', 3", BALLED AND BURLAPPED	EACH	10
270	*****	TREE, QUERCUS IMBRICATA, 3", BALLED AND BURLAPPED	EACH	11

ITEM NO.	CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
271	*****	TREE, TAXODIUM DISTICHUM, 3", BALLED AND BURLAPPED	EACH	10
272	*****	TREE, TILIA AMERICANA, 3", BALLED AND BURLAPPED	EACH	14
273	*****	TREE, TILIA TOMENTOSA GREEN MOUNTAIN, 3", BALLED AND BURLAPPED	EACH	3
274	*****	TREE, ULMUS X NEW HORIZON, 3", BALLED AND BURLAPPED	EACH	8
275	*****	TREE, ULMUS X PATRIOT, 3", BALLED AND BURLAPPED	EACH	12
276	*****	TREE, AESCULUS FLAVA, 3", BALLED AND BURLAPPED	EACH	10
277	*****	TREE, SYRINGA RETICULATA 'IVORY SILK', 3", BALLED AND BURLAPPED	EACH	12
278	*****	ARBORIST INSPECTION	LSUM	1
279	*****	LAVA ROCK MULCH	CU YD	132
280	*****	SHREDDED HARDWOOD BARK MULCH	SQ YD	18
281	*****	PERENNIAL, DIERVILLA LONICERA, 5 GA. CG	EACH	7
282	*****	PERENNIAL, HEMEROCALLIS 'ROSY RETURNS', 5 GA. CG	EACH	19
283	*****	DECORATIVE STEEL BOLLARD	EACH	8
284	*****	DECORATIVE STEEL BOLLARD (REMOVABLE)	EACH	6
285	*****	FURNISH & INSTALL RECTANGULAR RAPID FLASHING BEACON SINGLE SIDED, COMPLETE ASSEMBLY	EACH	2
286	*****	FURNISH & INSTALL RECTANGULAR RAPID FLASHING BEACON DOUBLE SIDED, COMPLETE ASSEMBLY	EACH	1
287	*****	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1

DRAWN: CUB
 CHECKED: BJB
 APPROVED: M/F
 DATE: 10/27/2023

REVISIONS: _____
 DATE: _____
 REVISION BY: _____

DESCRIPTION: _____



30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602
 Tel: 312.726.8910 - Fax: 312.726.8571
www.civiltech.com

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND
COTTAGE GROVE AVENUE
IMPROVEMENTS

SUMMARY OF QUANTITIES

DRAWING NO.
500-5
 SHEET NO.
8

SECTION NO.
 PROJECT NO. 54045H

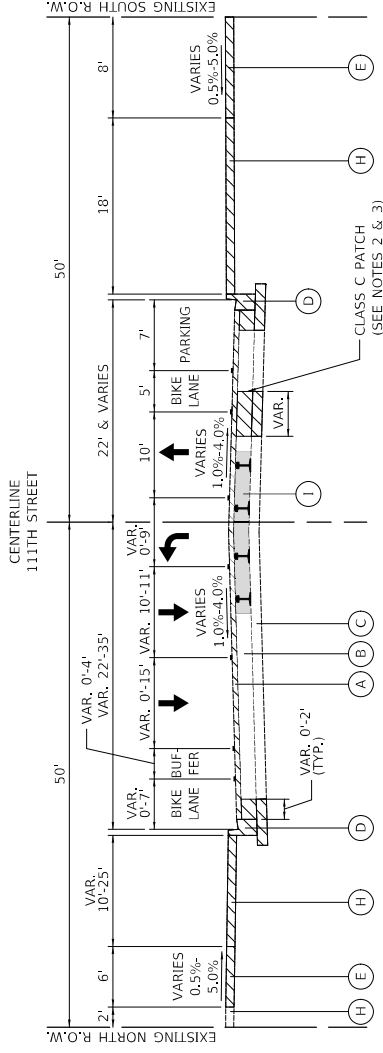
SCALE:

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE AND BINDER, VARIES 1'-12" (TYP. 3'-4")
- (B) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, VARIES 3'-15" (TYP. 9'-10")
- (C) EXISTING SUBBASE GRANULAR MATERIAL, VARIES 0'-20" (TYP. 6'-12")
- (D) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (E) EXISTING CONCRETE SIDEWALK
- (F) EXISTING CONCRETE CURB
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING PARKWAY
- (I) EXISTING BURIED STREET CAR TRACKS
- REMOVAL

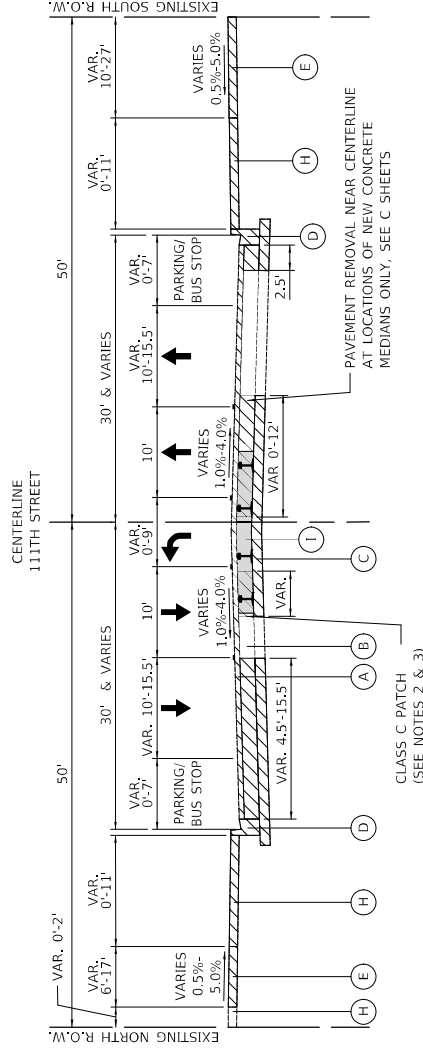
NOTES:

- 1. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REMOVAL, AND PAVEMENT REPAIRS. THE CONTRACTOR SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER AND SIDEWALK IN THE FIELD.
- 2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
- 3. THE CONTRACTOR SHALL PATCH THE PAVEMENT PRIOR TO MILLING IN ACCORDANCE WITH THE "PATCHING FIRST" CONSTRUCTION SEQUENCE LISTED ON IDOT DISTRICT 1 DETAIL BD-22.
- 4. ALL HMA MILLING SHALL BE PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH.



EXISTING TYPICAL SECTION - 111TH STREET

STA. 14+84 TO STA. 16+59



EXISTING TYPICAL SECTION - 111TH STREET

STA. 16+59 TO STA. 23+65

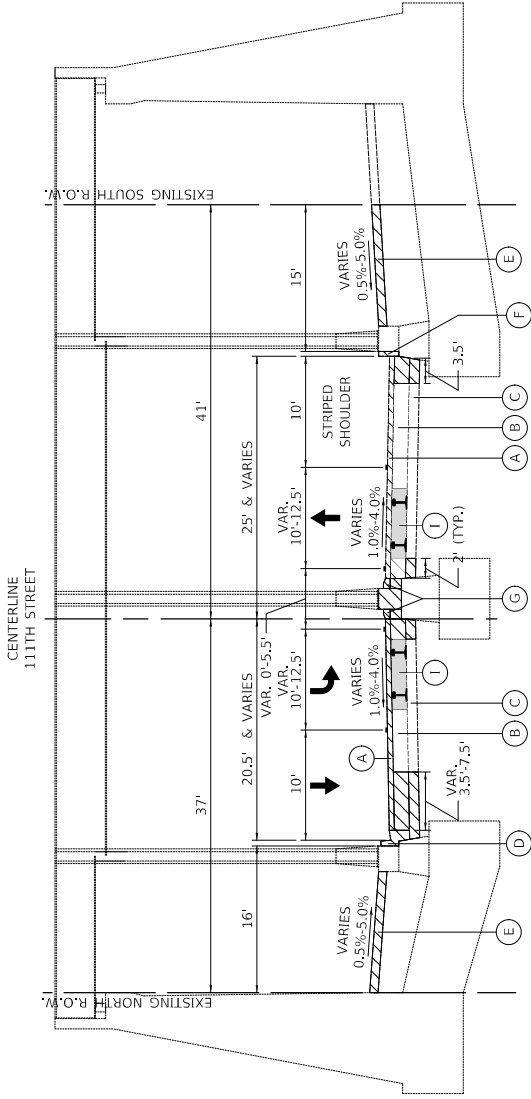
DRAWN:	CWB	DATE:	REVISIONS:	DESCRIPTION:	CITY OF CHICAGO	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	EXISTING TYPICAL SECTIONS	DRAWING NO. TYP-1	SHEET NO. 9
CHECKED:	B/B				DEPARTMENT OF TRANSPORTATION				
APPROVED:	M/F				DIVISION OF PROJECT DEVELOPMENT				
DATE:	10/27/2023								PROJECT NO. 540491
									SECTION NO.
									SCALE: N.T.S.

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE AND BINDER, VARIES 1'-12" (TYP 3'-4")
 - (B) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, VARIES 3'-15" (TYP 9'-10")
 - (C) EXISTING SUBBASE GRANULAR MATERIAL, VARIES 0'-20" (TYP 6'-12")
 - (D) EXISTING COMBINATION CONCRETE CURB AND GUTTER
 - (E) EXISTING CONCRETE SIDEWALK
 - (F) EXISTING CONCRETE CURB
 - (G) EXISTING CONCRETE MEDIAN
 - (H) EXISTING PARKWAY
 - (I) EXISTING BURIED STREET CAR TRACKS
- REMOVAL

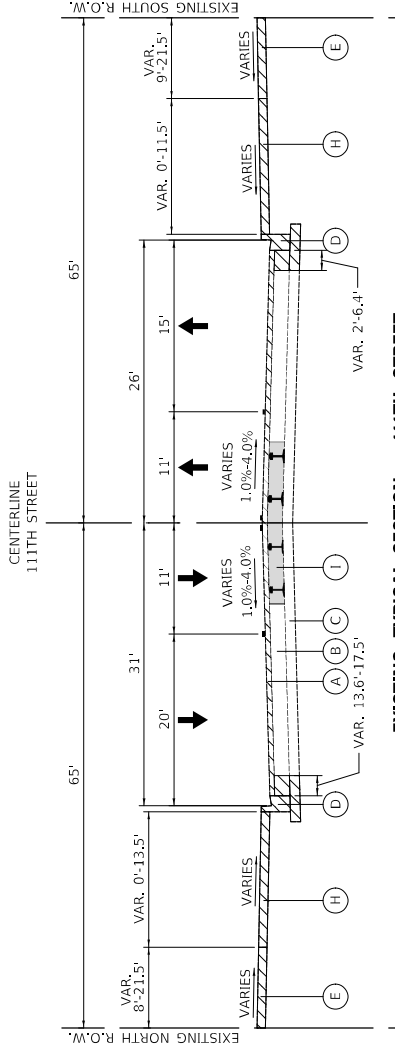
NOTES:

1. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REMOVAL AND REPLACEMENT OF CURB AND GUTTER AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER AND SIDEWALK IN THE FIELD.
2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
3. THE CONTRACTOR SHALL PATCH THE PAVEMENT PRIOR TO MILLING IN ACCORDANCE WITH THE "PATCHING FIRST" CONSTRUCTION SEQUENCE LISTED ON IDOT DISTRICT 1 DETAIL BD-22.
4. ALL HMA MILLING SHALL BE PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH.



EXISTING TYPICAL SECTION - 111TH STREET

STA. 23+65 TO STA. 26+17 (ALIGNMENT ENDS)



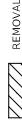
EXISTING TYPICAL SECTION - 111TH STREET

STA. (ALIGNMENT BEGINS) 106+17 TO STA. 108+80

DRAWN: CURB	DESCRIPTION:	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	EXISTING TYPICAL SECTIONS	DRAWING NO. TYP-2
CHECKED: B/B	DATE:	30 N. LaSalle St., Suite 2220 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.cdmsolutions.com	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	SHEET NO. 10
APPROVED: M/F	REVISED BY:	CIVILTECH	SCALE: INT.S.	PROJECT NO. 54045H
DATE: 10/27/2023	DATE:			SECTION NO.

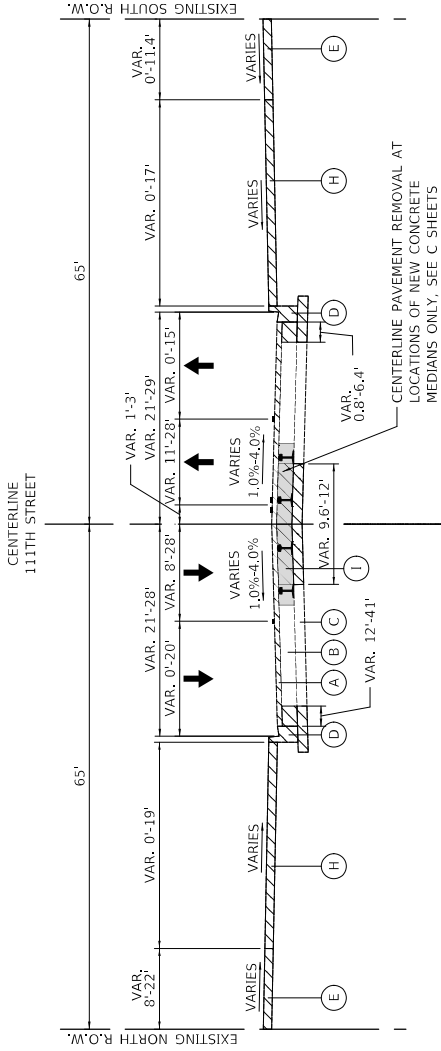
EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE AND BINDER, VARIES 1'-12" (TYP 3'-4")
- (B) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, VARIES 3'-15" (TYP 9'-10")
- (C) EXISTING SUBBASE GRANULAR MATERIAL, VARIES 0'-20" (TYP 6'-12")
- (D) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (E) EXISTING CONCRETE SIDEWALK
- (F) EXISTING CONCRETE CURB
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING PARKWAY
- (I) EXISTING BURIED STREET CAR TRACKS



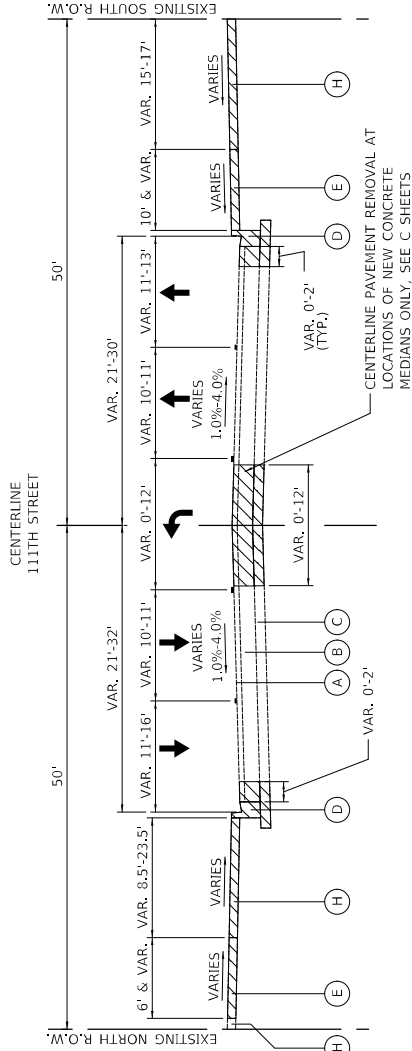
NOTES:

1. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REMOVAL AND REPLACEMENT OF CURB AND GUTTER AND SIDEWALK IN THE FIELD. MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER AND SIDEWALK IN THE FIELD.
2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
3. THE CONTRACTOR SHALL PATCH THE PAVEMENT PRIOR TO MILLING IN ACCORDANCE WITH THE "PATCHING FIRST" CONSTRUCTION SEQUENCE LISTED ON IDOT DISTRICT 1 DETAIL BD-22.
4. ALL HMA MILLING SHALL BE PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH.



EXISTING TYPICAL SECTION - 1111TH STREET

STA. 108+80 TO STA. 110+15 (STREET CAR TRACKS PRESENT)
 STA. 110+15 TO STA. 118+39 (NO STREET CAR TRACKS PRESENT)



EXISTING TYPICAL SECTION - 1111TH STREET

STA. 118+39 TO STA. 130+80

DRAWN: CUB	DESCRIPTION:	<p>30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8511 www.civiltech.com</p>	<p>CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</p>	<p>111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS</p>	<p>EXISTING TYPICAL SECTIONS</p>	DRAWING NO. TYP-3
CHECKED: B/B	DATE:					SHEET NO. 11
APPROVED: M/F	REVISION BY:					PROJECT NO. 540450
DATE: 10/27/2023	DATE:					SECTION NO.

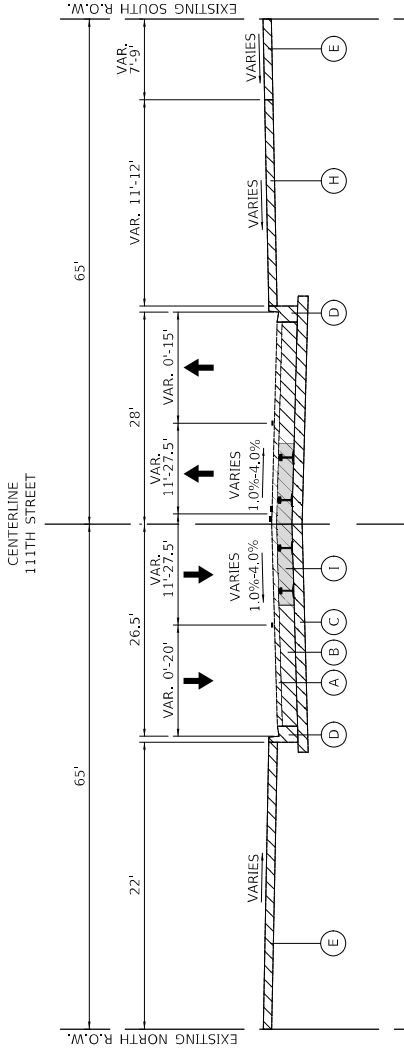
EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE AND BINDER, VARIES 1'-12" (TYP 3'-4")
- (B) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, VARIES 3'-15" (TYP 9'-10")
- (C) EXISTING SUBBASE GRANULAR MATERIAL, VARIES 0'-20" (TYP 6'-12")
- (D) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (E) EXISTING CONCRETE SIDEWALK
- (F) EXISTING CONCRETE CURB
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING PARKWAY
- (I) EXISTING BURIED STREET CAR TRACKS



NOTES:

1. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REMOVAL. THE CONTRACTOR SHALL PATCH THE PAVEMENT PRIOR TO MILLING. MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER AND SIDEWALK IN THE FIELD.
2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
3. THE CONTRACTOR SHALL PATCH THE PAVEMENT PRIOR TO MILLING IN ACCORDANCE WITH THE "PATCHING FIRST" CONSTRUCTION SEQUENCE LISTED ON IDOT DISTRICT 1 DETAIL BD-22.
4. ALL HMA MILLING SHALL BE PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH.



EXISTING TYPICAL SECTION - 111TH STREET

STA. 109+68 TO STA. 110+52 (STREET CAR TRACKS PRESENT UNTIL STA. 110+10)

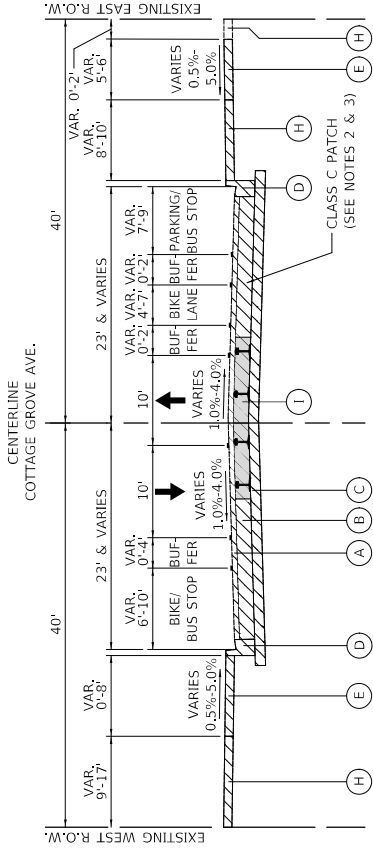
DRAWN: CURB CHECKED: B/B APPROVED: M/F DATE: 10/27/2023	REVISION	DATE	CIVILTECH <small>30 N. LaSalle St. Suite 2220 - Chicago, Illinois 60602</small> <small>Tel: 312.726.5910 - Fax: 312.726.8571</small> <small>www.civiltech.com</small>	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	DRAWING NO. TYP-4
	REVISOR	DATE				SHEET NO. 12
	DESIGNER	DATE				PROJECT NO. S-15-451
	DATE	DATE				SECTION NO.

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE AND BINDER, VARIES 1'-12" (TYP 3'-4")
- (B) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, VARIES 3'-15" (TYP 9'-10")
- (C) EXISTING SUBBASE GRANULAR MATERIAL, VARIES 0'-20" (TYP 6'-12")
- (D) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (E) EXISTING CONCRETE SIDEWALK
- (F) EXISTING CONCRETE CURB
- (G) EXISTING CONCRETE MEDIAN
- (H) EXISTING PARKWAY
- (I) EXISTING BURIED STREET CAR TRACKS
- REMOVAL

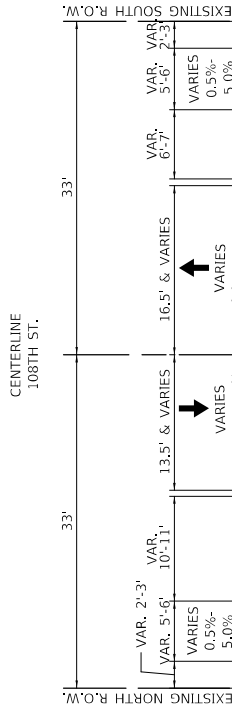
NOTES:

1. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REMOVAL, AND THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER AND SIDEWALK IN THE FIELD.
2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
3. THE CONTRACTOR SHALL PATCH THE PAVEMENT PRIOR TO MILLING IN ACCORDANCE WITH THE "PATCHING FIRST" CONSTRUCTION SEQUENCE LISTED ON IDOT DISTRICT 1 DETAIL BD-22.
4. ALL HMA MILLING SHALL BE PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH.



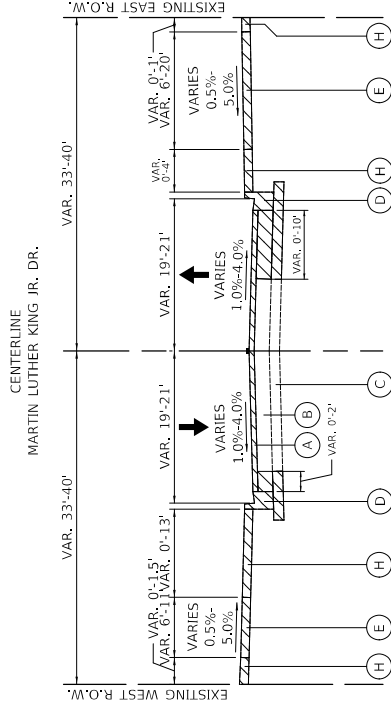
EXISTING TYPICAL SECTION - COTTAGE GROVE AVE.

STA. 312+10 TO STA. 313+27
 STA. 317+50 TO STA. 319+04
 STA. 323+03 TO STA. 325+10



EXISTING TYPICAL SECTION - 108TH ST.

STA. 400+46 TO STA. 402+68



EXISTING TYPICAL SECTION - MARTIN LUTHER KING JR. DR.

STA. 501+04 TO STA. 503+42

DRAWING NO. TYP-6		PROJECT NO. S-0450	
SHEET NO. 14		SECTION NO.	
SCALE: INT.S.		EXISTING TYPICAL SECTIONS	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.chicagotransit.com		CIVILTECH	
DRAWN: CUB	DATE:	REVISION:	DATE:
CHECKED: BJB		REVISION:	DATE:
APPROVED: MIF		REVISION:	DATE:
DATE: 10/27/03		REVISION:	DATE:

PROPOSED LEGEND

- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- HOT MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2" - 3"
- BITUMINOUS MATERIALS (TACK COAT)
- PORTLAND CEMENT CONCRETE BASE COURSE 9"
- SUBBASE GRANULAR MATERIAL, TYPE B 6"
- CLASS C PATCHES, 9 INCH (SEE NOTE 2)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12 (SEE NOTE 3)
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SEE NOTE 3)
- SUBBASE GRANULAR MATERIAL, TYPE B 4"
- SODDING, SALT TOLERANT (SEE NOTE 3)
- PULVERIZED TOPSOIL MIX. SEE LANDSCAPE PLANS FOR LOCATION AND DEPTH
- DRILL AND GROUT BARS (#5 BARS, 18" LONG AT 30" CENTERS)
- LONGITUDINAL CONSTRUCTION JOINT - #5 ROUND THE BAR, 18" LONG, 30" C-C. COST INCLUDED IN COMB. CONC. CURB AND GUTTER OR CONC. CURB PAV ITEM
- CONCRETE MEDIAN SURFACE, 8" (SEE NOTE 4)
- CONCRETE CURB, TYPE B (SEE NOTE 4)
- SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH) (SEE NOTE 4)
- CONCRETE MEDIAN, TYPE SII (SPECIAL)
- PORTLAND CEMENT CONCRETE PAVEMENT 12"
- PROTECTIVE CONCRETE SEALER
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SEE NOTE 3)
- TREE WITH 5' X 10' OPEN TREE PIT
- DECORATIVE LIGHT POLE
- CONCRETE PAVERS
- CLAY BRICK PAVERS
- POROUS GRANULAR EMBANKMENT

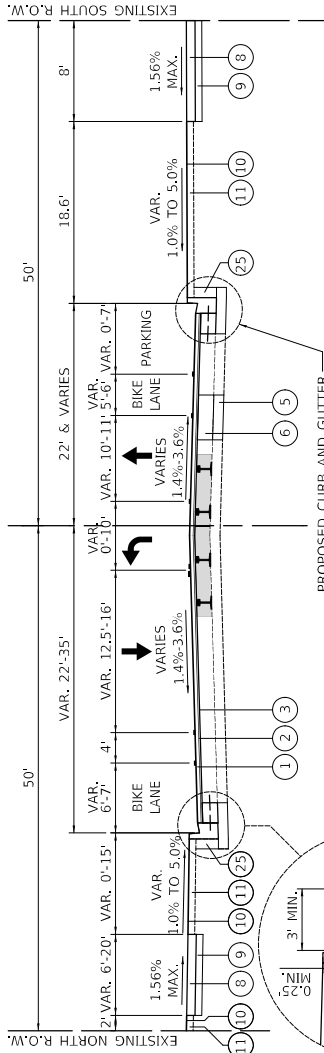
- NOTES:
- HOT MIX ASPHALT BINDER COURSE (HAND METHOD), N70 SHALL BE USED AT THE DISCRETION OF THE COMMISSIONER IN AREAS A PAVING MACHINE CAN NOT REACH.
 - THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
 - SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REPLACEMENT, SIDEWALK REPLACEMENT, AND NEW TOPSOIL AND SODDING. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER, SIDEWALK, AND GRASS PARKWAY RESTORATION IN THE FIELD.
 - SEE PLANS FOR LIMITS OF NEW PEDESTRIAN REFUGE MEDIANS & BUS BOARDING ISLANDS.
 - TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS SHALL BE PAID FOR SEPARATELY AS "DRILL AND GROUT BARS" UNLESS OTHERWISE NOTED. THEN THEY SHALL BE PAID FOR SEPARATELY AS "DRILL AND GROUT BARS" UNLESS OTHERWISE NOTED.
 - SEE DRAWING TYP-13 FOR TREE PIT AND CONCRETE PAVER DETAILS

HMA MIXTURE REQUIREMENTS

PAY ITEM DESCRIPTION	PERCENT AIR VOIDS @ N065
PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2")	4% @ 70 GYR.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	4% @ 70 GYR.

HMA MIXTURE REQUIREMENT NOTES:

- THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LB/SYHN.
- FOR PERCENT OF RAP-SEE SPECIAL PROVISIONS.



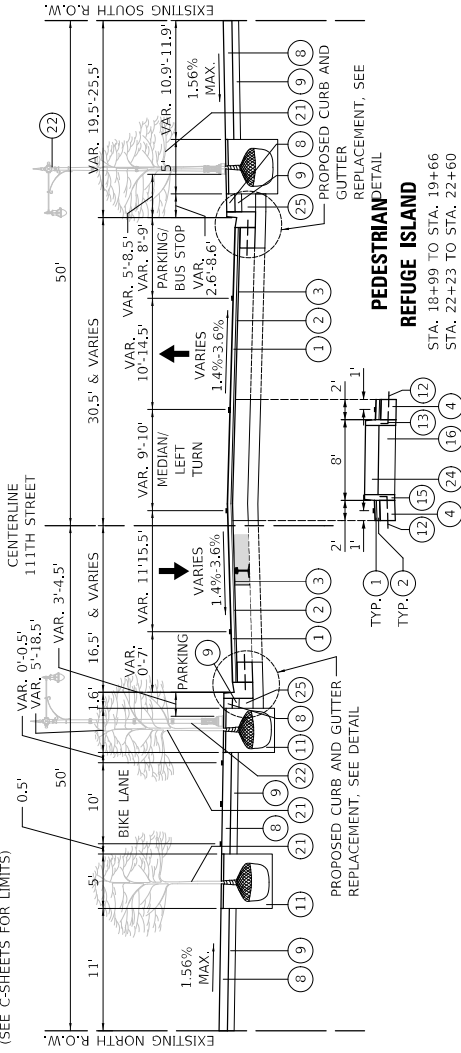
PROPOSED TYPICAL SECTION - 111TH STREET

STA. 13+98 TO STA. 16+59

*MATERIAL VARIES. REFER TO STATION RANGES FOR REPLACEMENT ADJACENT TO CURB AND GUTTER.

GUTTER CURB AND GUTTER REPLACEMENT DETAIL

(SEE C-SHEETS FOR LIMITS)



PROPOSED TYPICAL SECTION - 111TH STREET

STA. 16+59 TO STA. 23+65

NOTE: TREES ON NORTH SIDE NOT PRESENT AT BUMPOUTS AND AFTER STA. 23+30

PROJECT NO. 111R0293

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

SCALE: N.T.S.

SECTION NO. 15

PROPOSED TYPICAL SECTIONS

TYP-7

SHEET NO. 15

DRAWING NO.

PROJECT NO. 111R0293

CHECKED: BJB

APPROVED: MFE

DATE: 10/27/2023

DESCRIPTION

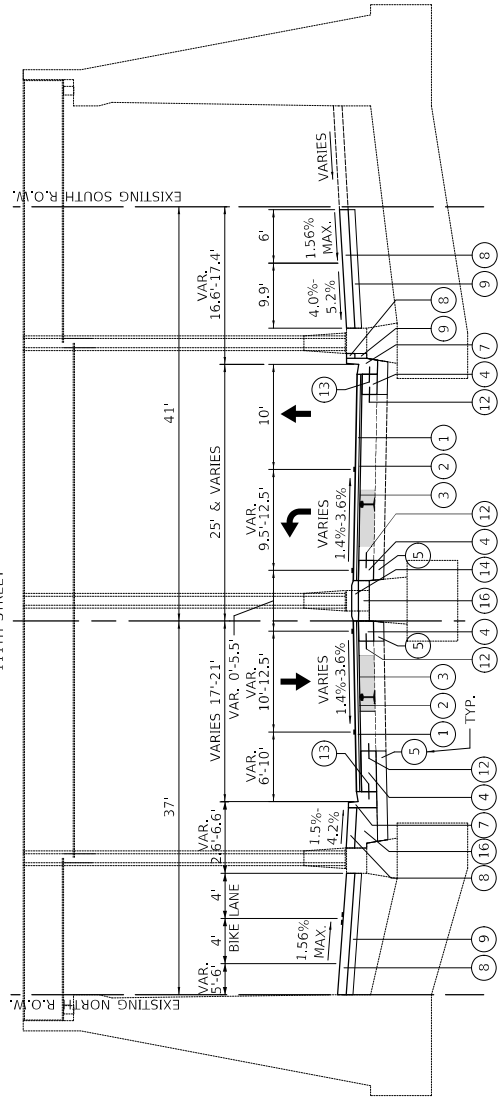
DATE

REVISION BY

30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602
Tel: 312.726.5916 - Fax: 312.726.8511
www.chicago.gov

CIVILTECH

CENTERLINE
1111TH STREET



PROPOSED TYPICAL SECTION - 1111TH STREET

STA. 23+65 TO STA. 26+17

PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- 2 HOT MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2" - 3"
- 3 BITUMINOUS MATERIALS (TACK COAT)
- 4 PORTLAND CEMENT CONCRETE BASE COURSE 9"
- 5 SUBBASE GRANULAR MATERIAL, TYPE B 6"
- 6 CLASS C PATCHES, 9 INCH (SEE NOTE 2)
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE BV-12 (SEE NOTE 3)
- 8 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SEE NOTE 3)
- 9 SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- 10 SODDING, SALT TOLERANT (SEE NOTE 3)
- 11 PULVERIZED TOPSOIL MIX, SEE LANDSCAPE PLANS FOR LOCATION AND DEPTH
- 12 DRILL AND GROUT BARS (#5 BARS, 18" LONG AT 30" CENTERS)
- 13 LONGITUDINAL CONSTRUCTION JOINT - #5 ROUND THE BAR, 18" LONG, 30" C-C. COST INCLUDED IN COMB. CONC. CURB AND GUTTER OR CONC. CURB PAY ITEM
- 14 CONCRETE MEDIUM SURFACE, 8" (SEE NOTE 4)
- 15 CONCRETE CURB, TYPE B (SEE NOTE 4)
- 16 SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH) (SEE NOTE 4)
- 17 CONCRETE MEDIUM, TYPE SM (SPECIAL)
- 18 PORTLAND CEMENT CONCRETE PAVEMENT 12"
- 19 PROTECTIVE CONCRETE SEALER
- 20 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SEE NOTE 3)
- 21 TREE WITH 5' X 10' OPEN TREE PIT
- 22 DECORATIVE LIGHT POLE
- 23 CONCRETE PAVERS
- 24 CLAY BRICK PAVERS
- 25 POROUS GRANULAR EMBANKMENT

NOTES:

1. HOT MIX ASPHALT BINDER COURSE (HAND METHOD), N70 SHALL BE USED AT THE DISCRETION OF THE COMMISSIONER IN AREAS A PAVING MACHINE CAN NOT REACH.
2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
3. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REPLACEMENT, SIDEWALK REPLACEMENT AND NEW TOPSOIL AND SODDING. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER, SIDEWALK, AND GRASS PARKWAY RESTORATION IN THE FIELD.
4. SEE PLANS FOR LIMITS OF NEW PEDESTRIAN REFUGE MEDIANS & BUS BOARDING ISLANDS.
5. TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS AT LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF PAVEMENT. TIE BARS SHALL BE PAID FOR SEPARATELY AS "DRILL AND GROUT BARS" UNLESS OTHERWISE NOTED.
6. SEE DRAWING TYP-13 FOR TREE PIT AND CONCRETE PAVER DETAILS.

HMA MIXTURE REQUIREMENTS

PAY ITEM DESCRIPTION	PERCENT AIR VOIDS @ N ₉₅
PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2")	4% @ 70 GYR.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2" - 3")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	4% @ 70 GYR.

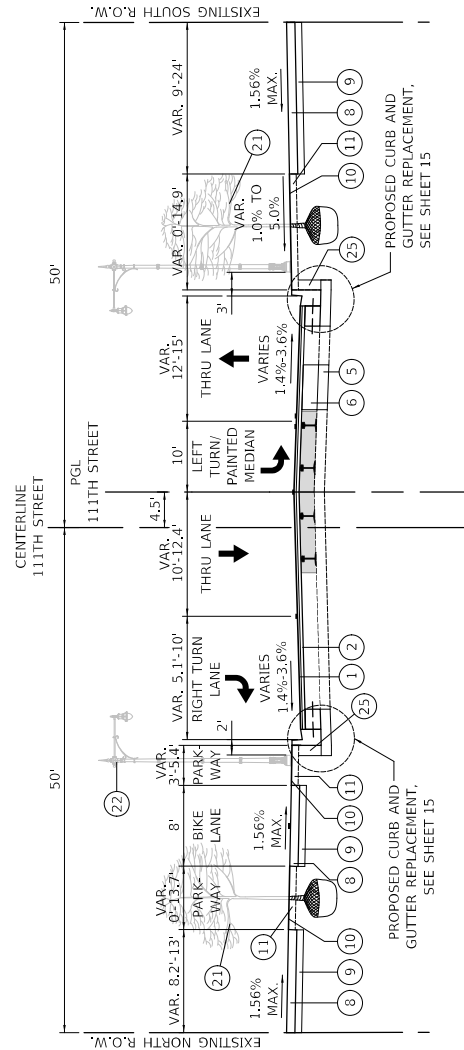
HMA MIXTURE REQUIREMENT NOTES:

1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LB/SY/IN.
2. FOR PERCENT OF RAP, SEE SPECIAL PROVISIONS.

<p>DRAWN: CUB CHECKED: BJB APPROVED: MIF DATE: 10/27/2023</p>	<p>REVISIONS</p> <p>DATE</p> <p>REVISED BY</p>	<p>CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</p> <p>30 N. LaSalle St. Suite 2220 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.chicagotransit.com</p>	<p>1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS</p> <p>SCALE: N.T.S.</p> <p>SECTION NO.</p> <p>PROJECT NO. SCA5450</p>	<p>DRAWING NO. TYP-8 SHEET NO. 16</p>
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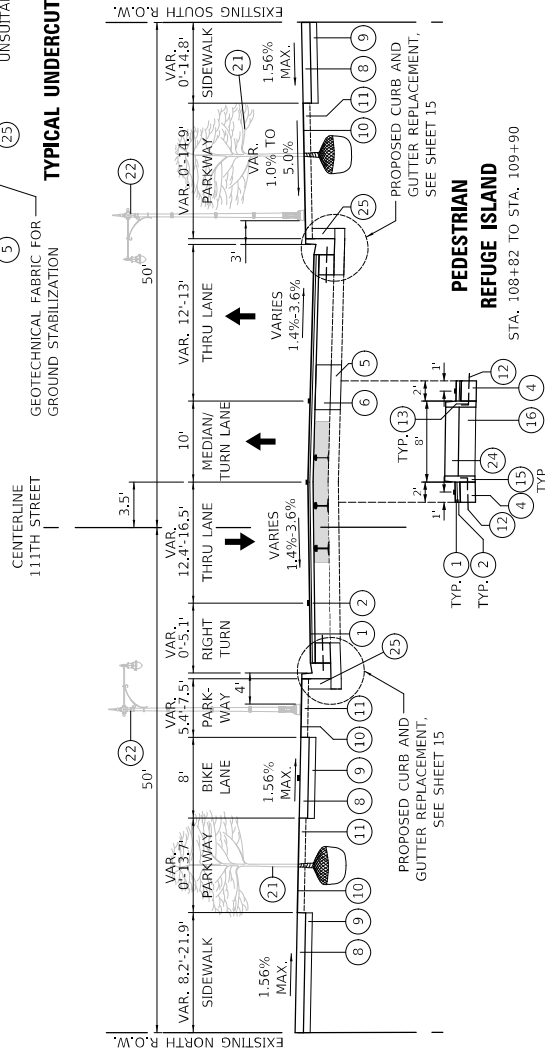
PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- 2 HOT MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2" - 3"
- 3 BITUMINOUS MATERIALS (TACK COAT)
- 4 PORTLAND CEMENT CONCRETE BASE COURSE 9"
- 5 SUBBASE GRANULAR MATERIAL, TYPE B 6"
- 6 CLASS C PATCHES, 9 INCH (SEE NOTE 2)
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12 (SEE NOTE 3)
- 8 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SEE NOTE 3)
- 9 SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 10 SODDING, SALT TOLERANT (SEE NOTE 3)
- 11 PULVERIZED TOPSOIL MIX, SEE LANDSCAPE PLANS FOR LOCATION AND DEPTH
- 12 DRILL AND GROUT BARS (#5 BARS, 18" LONG AT 30" CENTERS)
- 13 LONGITUDINAL CONSTRUCTION JOINT - #5 ROUND THE BAR, 18" LONG, 30" C-C. COST INCLUDED IN COMB. CONC. CURB AND GUTTER OR CONC. CURB PAY ITEM
- 14 CONCRETE MEDIUM SURFACE, 8" (SEE NOTE 4)
- 15 CONCRETE CURB, TYPE B (SEE NOTE 4)
- 16 SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH) (SEE NOTE 4)
- 17 CONCRETE MEDIUM, TYPE SM (SPECIAL)
- 18 PORTLAND CEMENT CONCRETE PAVEMENT 12"
- 19 PROTECTIVE CONCRETE SEALER
- 20 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SEE NOTE 3)
- 21 TREE WITH 5' X 10' OPEN TREE PIT
- 22 DECORATIVE LIGHT POLE
- 23 CONCRETE PAVERS
- 24 CLAY BRICK PAVERS
- 25 POROUS GRANULAR EMBANKMENT



PROPOSED TYPICAL SECTION - 111TH STREET

STA. 106+38 TO STA. 108+50
 PGL PRESENT: 106+38-106+63



PROPOSED TYPICAL SECTION - 111TH STREET

STA. 108+50 TO STA. 109+90

- NOTES:
1. HOT MIX ASPHALT BINDER COURSE (HAND METHOD), N70 SHALL BE USED AT THE DISCRETION OF THE COMMISSIONER IN AREAS A PAVING MACHINE CAN NOT REACH.
 2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
 3. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REPLACEMENT, SIDEWALK REPLACEMENT, AND NEW TOPSOIL AND SODDING. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER, SIDEWALK, AND GRASS PARKWAY RESTORATION IN THE FIELD.
 4. SEE PLANS FOR LIMITS OF NEW PEDESTRIAN REFUGE MEDIANS & BUS BOARDING ISLANDS.
 5. TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE NOT REQUIRED; THEN THEY SHALL BE PAID FOR SEPARATELY AS "DRILL AND GROUT BARS" UNLESS OTHERWISE NOTED.
 6. SEE DRAWING TYP-15 FOR TREE PIT AND CONCRETE PAVEMENT DETAILS.

HMA MIXTURE REQUIREMENTS

PAY ITEM DESCRIPTION	PERCENT AIR VOIDS @ N065
PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2")	4% @ 70 GYR.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2" - 3")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	4% @ 70 GYR.

HMA MIXTURE REQUIREMENT NOTES:

1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LBS/YH.
2. FOR PERCENT OF RAP, SEE SPECIAL PROVISIONS.

DRAWING NO. TYP-9 SHEET NO. 17	SECTION NO. PROJECT NO. 545451	PROPOSED TYPICAL SECTIONS 111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT 30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8511 www.chicago.gov
DRAWN: CUB CHECKED: BJB APPROVED: MIF DATE: 10/27/2023	REVISIONS DATE REVISION BY	DESCRIPTION	SCALE: N.T.S.

PROPOSED LEGEND

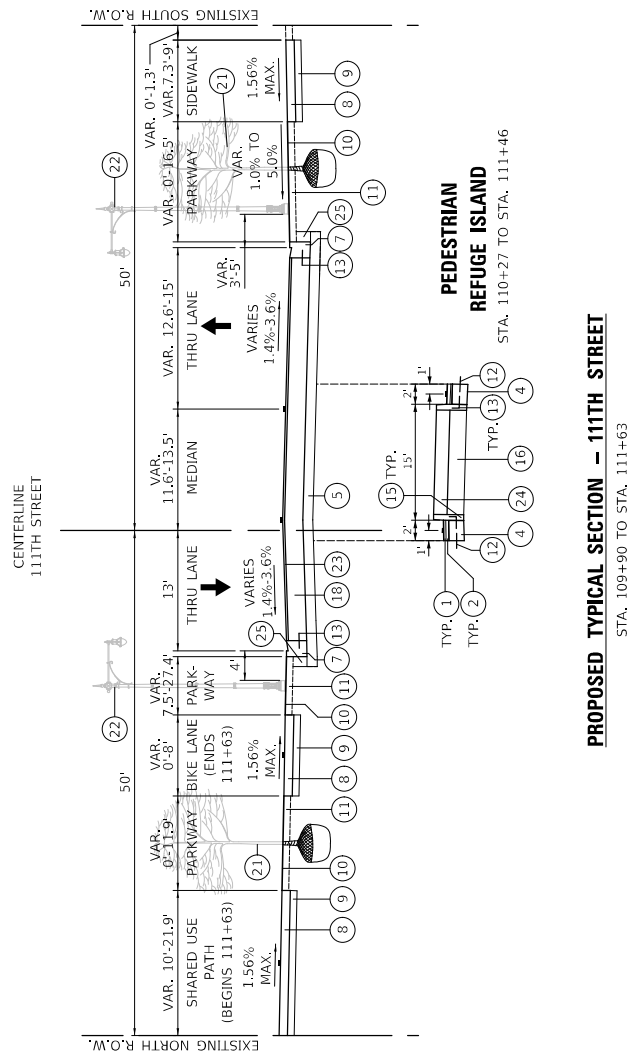
- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- 2 HOT MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2" - 3"
- 3 BITUMINOUS MATERIALS (TACK COAT)
- 4 PORTLAND CEMENT CONCRETE BASE COURSE 9"
- 5 SUBBASE GRANULAR MATERIAL, TYPE B 6"
- 6 CLASS C PATCHES, 9 INCH (SEE NOTE 2)
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE BxV.12 (SEE NOTE 3)
- 8 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SEE NOTE 3)
- 9 SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 10 SODDING, SALT TOLERANT (SEE NOTE 3)
- 11 PULVERIZED TOPSOIL MIX, SEE LANDSCAPE PLANS FOR LOCATION AND DEPTH
- 12 DRILL AND GROUT BARS (#5 BARS, 18" LONG AT 30" CENTERS)
- 13 LONGITUDINAL CONSTRUCTION JOINT - #5 ROUND THE BAR, 18" LONG, 30" C-C. COST INCLUDED IN COMB. CONC. CURB AND GUTTER OR CONC. CURB PAY ITEM
- 14 CONCRETE MEDIUM SURFACE, 8" (SEE NOTE 4)
- 15 CONCRETE CURB, TYPE B (SEE NOTE 4)
- 16 SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH) (SEE NOTE 4)
- 17 CONCRETE MEDIUM, TYPE SM (SPECIAL)
- 18 PORTLAND CEMENT CONCRETE PAVEMENT 12"
- 19 PROTECTIVE CONCRETE SEALER
- 20 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SEE NOTE 3)
- 21 TREE WITH 5' X 10' OPEN TREE PIT
- 22 DECORATIVE LIGHT POLE
- 23 CONCRETE PAVERS
- 24 CLAY BRICK PAVERS
- 25 POROUS GRANULAR EMBANKMENT

- NOTES:
1. HOT MIX ASPHALT BINDER COURSE (HAND METHOD), N70 SHALL BE USED AT THE DISCRETION OF THE COMMISSIONER IN AREAS A PAVING MACHINE CAN NOT REACH.
 2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
 3. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REPLACEMENT, SIDEWALK REPLACEMENT, AND NEW TOPSOIL AND SODDING. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER, SIDEWALK, AND GRASS PARKWAY RESTORATION IN THE FIELD.
 4. SEE PLANS FOR LIMITS OF NEW PEDESTRIAN REFUGE MEDIANS & BUS BOARDING ISLANDS.
 5. TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS AT GUTTER AND GROUT BARS ARE NOT INCLUDED IN THE COST OF CURB AND GUTTER. TIE BARS SHALL BE PAID FOR SEPARATELY AS "DRILL AND GROUT BARS" UNLESS OTHERWISE NOTED.
 6. SEE DRAWING TYP-15 FOR TREE PIT AND CONCRETE PAVEMENT DETAILS.

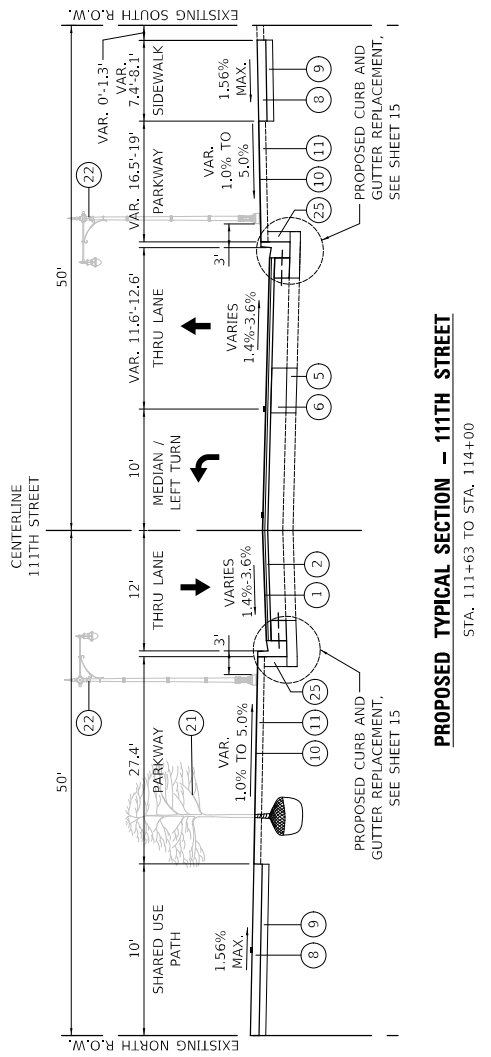
HMA MIXTURE REQUIREMENTS

PAY ITEM DESCRIPTION	PERCENT AIR VOIDS @ N06s
PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2")	4% @ 70 GYR.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2" - 3")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	4% @ 70 GYR.

- HMA MIXTURE REQUIREMENT NOTES:
1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LB/SY/IN.
 2. FOR PERCENT OF RAP, SEE SPECIAL PROVISIONS.



PROPOSED TYPICAL SECTION - 111TH STREET
STA. 109+90 TO STA. 111+63



PROPOSED TYPICAL SECTION - 111TH STREET
STA. 111+63 TO STA. 114+00

DRAWN: CUB CHECKED: BJB APPROVED: MIF DATE: 10/27/2023	REVISED BY: DATE:	<p style="text-align: center;">CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</p> <p style="text-align: center;">111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS</p>	<p style="text-align: center;">PROPOSED TYPICAL SECTIONS</p>	DRAWING NO. TYP-10 SHEET NO. 18 PROJECT NO. SCA45H SECTION NO.
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30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602
 Tel: 312.726.8910 - Fax: 312.726.8911
 www.civiltech.com

PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- 2 HOT MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2" - 3"
- 3 BITUMINOUS MATERIALS (TACK COAT)
- 4 PORTLAND CEMENT CONCRETE BASE COURSE 9"
- 5 SUBBASE GRANULAR MATERIAL, TYPE B 6"
- 6 CLASS C PATCHES, 9 INCH (SEE NOTE 2)
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12 (SEE NOTE 3)
- 8 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SEE NOTE 3)
- 9 SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 10 SODDING, SALT TOLERANT (SEE NOTE 3)
- 11 PULVERIZED TOPSOIL MIX, SEE LANDSCAPE PLANS FOR LOCATION AND DEPTH
- 12 DRILL AND GROUT BARS (#5 BARS, 18" LONG AT 30" CENTERS)
- 13 LONGITUDINAL CONSTRUCTION JOINT - #5 ROUND THE BAR, 18" LONG, 30" C-C. COST INCLUDED IN COMB. CONC. CURB AND GUTTER OR CONC. CURB PAY ITEM
- 14 CONCRETE MEDIAN SURFACE, 8" (SEE NOTE 4)
- 15 CONCRETE CURB, TYPE B (SEE NOTE 4)
- 16 SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH) (SEE NOTE 4)
- 17 CONCRETE MEDIAN, TYPE SM (SPECIAL)
- 18 PORTLAND CEMENT CONCRETE PAVEMENT 12"
- 19 PROTECTIVE CONCRETE SEALER
- 20 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SEE NOTE 3)
- 21 TREE WITH 5' X 10' OPEN TREE PIT
- 22 DECORATIVE LIGHT POLE
- 23 CONCRETE PAVERS
- 24 CLAY BRICK PAVERS
- 25 POROUS GRANULAR EMBANKMENT

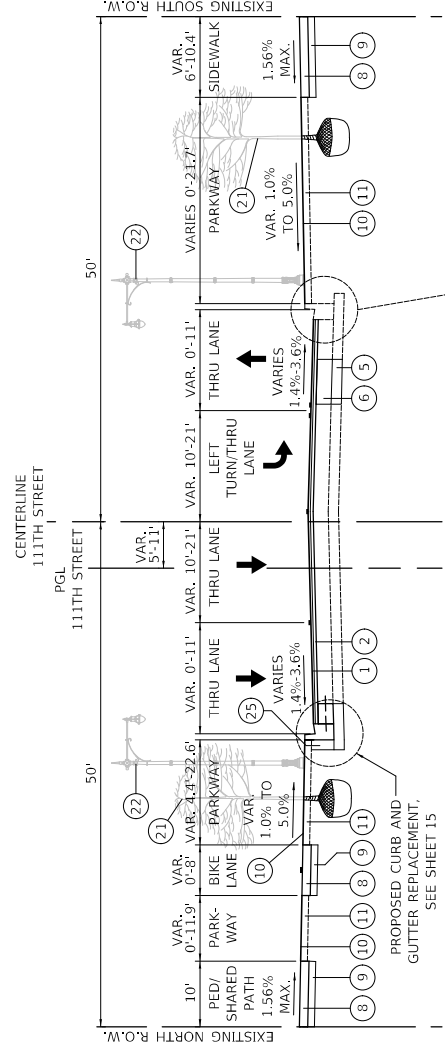
- NOTES:
1. HOT MIX ASPHALT BINDER COURSE (HAND METHOD), N70 SHALL BE USED AT THE DISCRETION OF THE COMMISSIONER IN AREAS A PAVING MACHINE CAN NOT REACH.
 2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
 3. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REPLACEMENT, SIDEWALK REPLACEMENT, AND NEW TOPSOIL AND SODDING. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER, SIDEWALK, AND GRASS PARKWAY RESTORATION IN THE FIELD.
 4. SEE PLANS FOR LIMITS OF NEW PEDESTRIAN REFUGE MEDIANS & BUS BOARDING ISLANDS.
 5. TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS AT LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF PAVEMENT. TIE BARS SHALL BE PAID FOR SEPARATELY AS "DRILL AND GROUT BARS" UNLESS OTHERWISE NOTED.
 6. SEE DRAWING TYP-15 FOR TREE PIT AND CONCRETE PAVER DETAILS

HMA MIXTURE REQUIREMENTS

PAY ITEM DESCRIPTION	PERCENT AIR VOIDS @ NØBS
PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2")	4% @ 70 GYR.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2" - 3")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	4% @ 70 GYR.

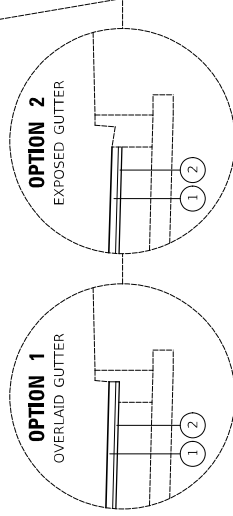
HMA MIXTURE REQUIREMENT NOTES:

1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LBS/YH.
2. FOR PERCENT OF RAP, SEE SPECIAL PROVISIONS.



PROPOSED TYPICAL SECTION - 1111TH STREET

STA. 114+00 TO STA. 118+39
 PGL PRESENT: 116+89-117+78



RESURFACING ADJACENT TO EX. CURB AND GUTTER DETAIL

THE CONTRACTOR SHALL MAINTAIN EXISTING CONDITION OF EXPOSED OR OVERLAID GUTTER FLAG IN AREAS OF RESURFACING ADJACENT TO EXISTING CURB AND GUTTER TO REMAIN. WHERE NEW CURB AND GUTTER IS TO BE BUILT ABUTTING EXISTING CURB AND GUTTER OVERLAD WITH ASPHALT, THE PROPOSED FLOW LINE ELEVATION OF THE NEW CURB AND GUTTER SHALL MATCH THE FINISHED HMA SURFACE ELEVATION AT THE FACE OF EXISTING CURB.

DRAWING NO.		TYP-11	
SHEET NO.		19	
SECTION NO.		PROJECT NO. 54451	
SCALE: N.T.S.		PROPOSED TYPICAL SECTIONS	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St. Suite 2220 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.cityofchicago.org		PROJECT NO. 54451	
CIVILTECH	DESCRIPTION	DATE	REVISION BY

PROPOSED LEGEND

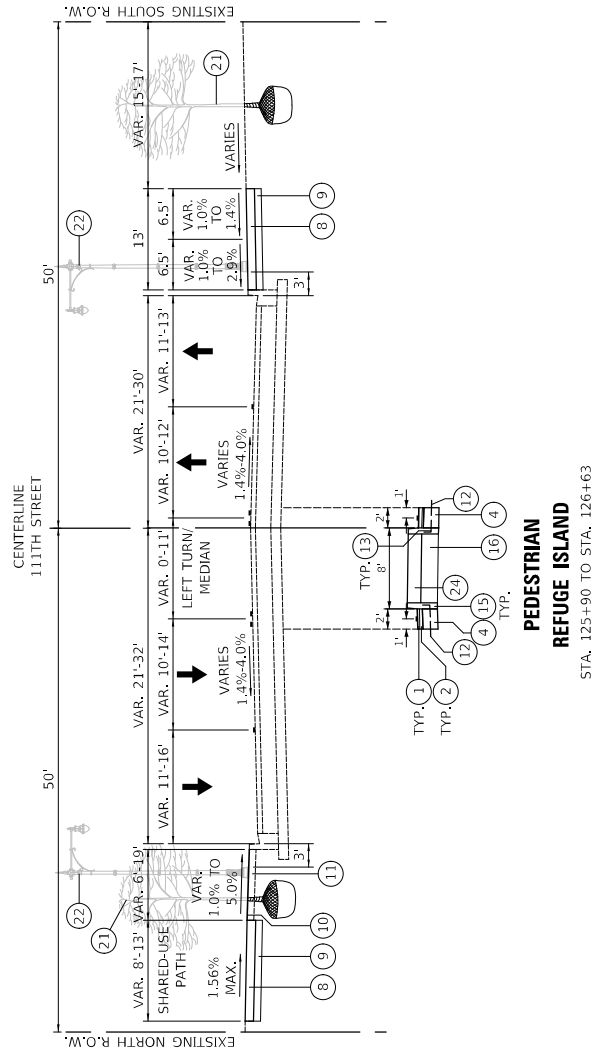
- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- 2 HOT MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2" - 3"
- 3 BITUMINOUS MATERIALS (TACK COAT)
- 4 PORTLAND CEMENT CONCRETE BASE COURSE 9"
- 5 SUBBASE GRANULAR MATERIAL, TYPE B 6"
- 6 CLASS C PATCHES, 9 INCH (SEE NOTE 2)
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12 (SEE NOTE 3)
- 8 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SEE NOTE 3)
- 9 SUBBASE GRANULAR MATERIAL, TYPE B 4"
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- 11 PULVERIZED TOPSOIL MIX, SEE LANDSCAPE PLANS FOR LOCATION AND DEPTH
- 12 DRILL AND GROUT BARS (#5 BARS, 18" LONG AT 30" CENTERS)
- 13 LONGITUDINAL CONSTRUCTION JOINT - #5 ROUND THE BAR, 18" LONG, 30" C-C. COST INCLUDED IN COMB. CONC. CURB AND GUTTER OR CONC. CURB PAY ITEM
- 14 CONCRETE MEDIAN SURFACE, 8" (SEE NOTE 4)
- 15 CONCRETE CURB, TYPE B (SEE NOTE 4)
- 16 SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH) (SEE NOTE 4)
- 17 CONCRETE MEDIAN, TYPE SM (SPECIAL)
- 18 PORTLAND CEMENT CONCRETE PAVEMENT 12"
- 19 PROTECTIVE CONCRETE SEALER
- 20 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SEE NOTE 3)
- 21 TREE WITH 5' X 10' OPEN TREE PIT
- 22 DECORATIVE LIGHT POLE
- 23 CONCRETE PAVERS
- 24 CLAY BRICK PAVERS
- 25 POROUS GRANULAR EMBANKMENT

1. HOT MIX ASPHALT BINDER COURSE (HAND METHOD), N70 SHALL BE USED AT THE DISCRETION OF THE COMMISSIONER IN AREAS A PAVING MACHINE CAN NOT REACH.
2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
3. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REPLACEMENT, SIDEWALK REPLACEMENT, AND NEW TOPSOIL AND SODDING. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER, SIDEWALK, AND GRASS PARKWAY RESTORATION IN THE FIELD.
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5. TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS AT LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF PAVEMENT. TIE BARS SHALL BE PAID FOR SEPARATELY AS "DRILL AND GROUT BARS" UNLESS OTHERWISE NOTED.
6. SEE DRAWING TYP-15 FOR TREE PIT AND CONCRETE PAVEMENT DETAILS.

HMA MIXTURE REQUIREMENTS

PAY ITEM DESCRIPTION	PERCENT AIR VOIDS @ N065
PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2")	4% @ 70 GYR.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2" - 3")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	4% @ 70 GYR.

HMA MIXTURE REQUIREMENT NOTES:
 1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LB/SY/IN.
 2. FOR PERCENT OF RAP - SEE SPECIAL PROVISIONS.



PROPOSED TYPICAL SECTION - 1111TH STREET
 STA. 118+39 TO STA. 130+80

PEDESTRIAN REFUGE ISLAND
 STA. 125+90 TO STA. 126+63

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

PROPOSED TYPICAL SECTIONS

DRAWING NO. **TYP-12**
 SHEET NO. 20

30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602
 Tel: 312.726.5910 - Fax: 312.726.8511
 www.civiltech.com

DRAWN:	CURB	DATE:
CHECKED: <td>BIB</td> <td>REVISED BY:</td>	BIB	REVISED BY:
APPROVED: <td>MIF</td> <td>DATE:</td>	MIF	DATE:
DATE:	10/27/2023	

DESCRIPTION	DATE

PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- 2 HOT MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2" - 3"
- 3 BITUMINOUS MATERIALS (TACK COAT)
- 4 PORTLAND CEMENT CONCRETE BASE COURSE 9"
- 5 SUBBASE GRANULAR MATERIAL, TYPE B 6"
- 6 CLASS C PATCHES, 9 INCH (SEE NOTE 2)
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12 (SEE NOTE 3)
- 8 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SEE NOTE 3)
- 9 SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- 10 SODDING, SALT TOLERANT (SEE NOTE 3)
- 11 PULVERIZED TOPSOIL MIX, SEE LANDSCAPE PLANS FOR LOCATION AND DEPTH
- 12 DRILL AND GROUT BARS (#5 BARS, 18" LONG AT 30" CENTERS)
- 13 LONGITUDINAL CONSTRUCTION JOINT - #5 ROUND THE BAR, 18" LONG, 30" C-C. COST INCLUDED IN COMB. CONC. CURB AND GUTTER OR CONC. CURB PAV ITEM
- 14 CONCRETE MEDIUM SURFACE, 8" (SEE NOTE 4)
- 15 CONCRETE CURB, TYPE B (SEE NOTE 4)
- 16 SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH) (SEE NOTE 4)
- 17 CONCRETE MEDIUM, TYPE SM (SPECIAL)
- 18 PORTLAND CEMENT CONCRETE PAVEMENT 12"
- 19 PROTECTIVE CONCRETE SEALER
- 20 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SEE NOTE 3)
- 21 TREE WITH 5' X 10' OPEN TREE PIT
- 22 DECORATIVE LIGHT POLE
- 23 CONCRETE PAVERS
- 24 CLAY BRICK PAVERS
- 25 POROUS GRANULAR EMBANKMENT

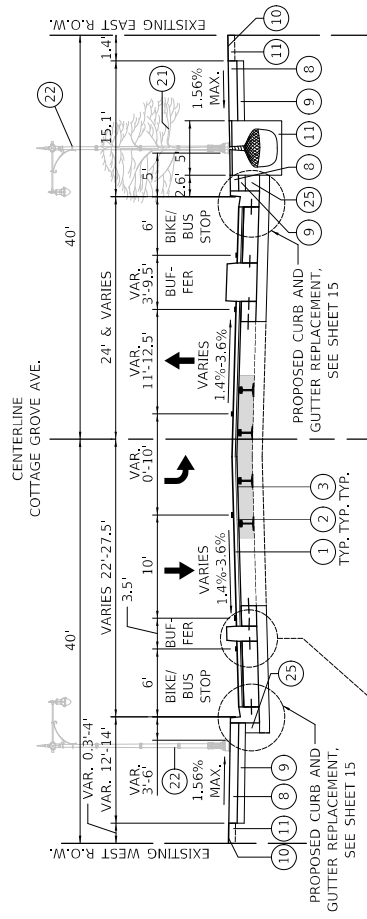
- NOTES:
1. HOT MIX ASPHALT BINDER COURSE (HAND METHOD), N70 SHALL BE USED AT THE DISCRETION OF THE COMMISSIONER IN AREAS A PAVING MACHINE CAN NOT REACH.
 2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
 3. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REPLACEMENT, SIDEWALK REPLACEMENT, AND NEW TOPSOIL AND SODDING. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER, SIDEWALK, AND GRASS PARKWAY RESTORATION IN THE FIELD.
 4. SEE PLANS FOR LIMITS OF NEW PEDESTRIAN REFUGE MEDIANS & BUS BOARDING ISLANDS.
 5. TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS AT GUTTER LINE ARE INCLUDED IN THE COST OF GUTTER. TIE BARS AT CURB AND GUTTER SHALL BE PAID FOR SEPARATELY AS "DRILL AND GROUT BARS" UNLESS OTHERWISE NOTED.
 6. SEE DRAWING TYP-15 FOR TREE PIT AND CONCRETE PAVER DETAILS

HMA MIXTURE REQUIREMENTS

PAY ITEM DESCRIPTION	PERCENT AIR VOIDS @ N065
PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2")	4% @ 70 GYR.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2" - 3")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	4% @ 70 GYR.

HMA MIXTURE REQUIREMENT NOTES:

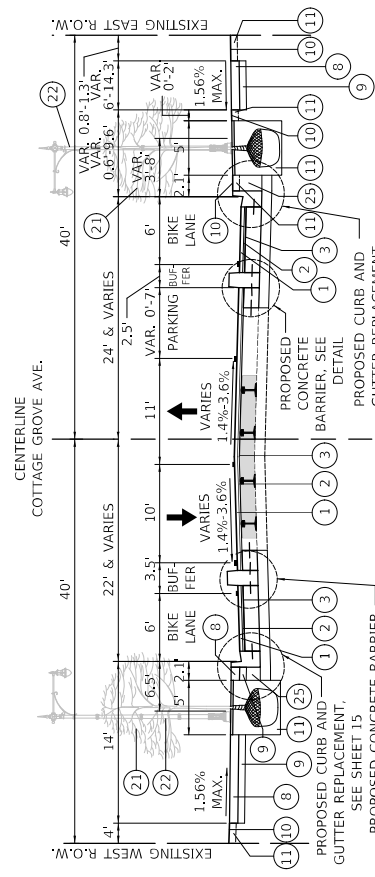
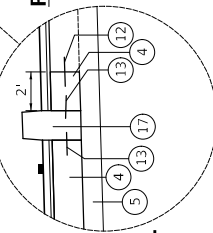
1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LB/SY/IN.
2. FOR PERCENT OF RAP, SEE SPECIAL PROVISIONS.



PROPOSED TYPICAL SECTION - COTTAGE GROVE AVE.

STA. 304+20 TO STA. 307+19
 CONCRETE BARRIER OMITTED:
 STA. 304+20 TO STA. 304+97 (WEST SIDE)
 STA. 304+20 TO STA. 306+57 (EAST SIDE)

PROPOSED CONCRETE BARRIER DETAIL



PROPOSED TYPICAL SECTION - COTTAGE GROVE AVE.

STA. 307+19 TO STA. 312+12
 STA. 313+37 TO STA. 317+23
 STA. 318+84 TO STA. 323+07

DRAWN: CUB	DATE:	DESCRIPTION:	SCALE: N.T.S.	SECTION NO.:	PROJECT NO. S45451
CHECKED: BJB	REVISED BY:				
APPROVED: MIF	DATE:				
DATE: 10/27/2023					
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			DRAWING NO. TYP-13 SHEET NO. 21		
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS			PROPOSED TYPICAL SECTIONS		



PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- 2 HOT MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2" - 3"
- 3 BITUMINOUS MATERIALS (TACK COAT)
- 4 PORTLAND CEMENT CONCRETE BASE COURSE 9"
- 5 SUBBASE GRANULAR MATERIAL, TYPE B 6"
- 6 CLASS C PATCHES, 9 INCH (SEE NOTE 2)
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12 (SEE NOTE 3)
- 8 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SEE NOTE 3)
- 9 SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 10 SODDING, SALT TOLERANT (SEE NOTE 3)
- 11 PULVERIZED TOPSOIL MIX, SEE LANDSCAPE PLANS FOR LOCATION AND DEPTH
- 12 DRILL AND GROUT BARS (#5 BARS, 18" LONG AT 30" CENTERS)
- 13 LONGITUDINAL CONSTRUCTION JOINT - #5 ROUND THE BAR, 18" LONG, 30" C-C. COST INCLUDED IN COMB. CONC. CURB AND GUTTER OR CONC. CURB PAY ITEM
- 14 CONCRETE MEDIAN SURFACE, 8" (SEE NOTE 4)
- 15 CONCRETE CURB, TYPE B (SEE NOTE 4)
- 16 SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH) (SEE NOTE 4)
- 17 CONCRETE MEDIAN, TYPE SM (SPECIAL)
- 18 PORTLAND CEMENT CONCRETE PAVEMENT 12"
- 19 PROTECTIVE CONCRETE SEALER
- 20 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SEE NOTE 3)
- 21 TREE WITH 5' X 10' OPEN TREE PIT
- 22 DECORATIVE LIGHT POLE
- 23 CONCRETE PAVERS
- 24 CLAY BRICK PAVERS
- 25 POROUS GRANULAR EMBANKMENT

NOTES:

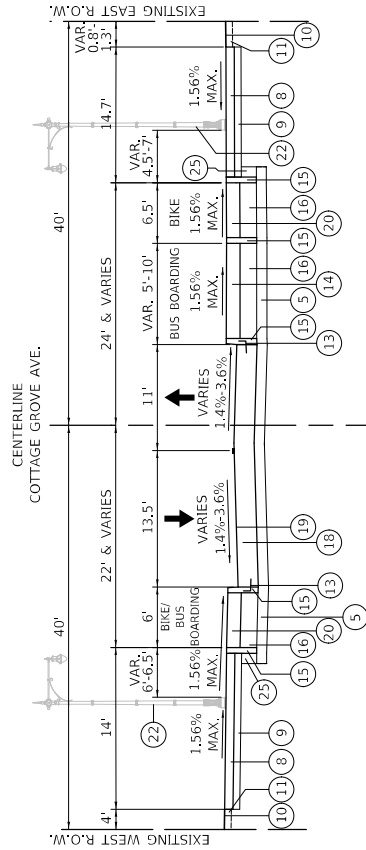
1. HOT MIX ASPHALT BINDER COURSE (HAND METHOD), N70 SHALL BE USED AT THE DISCRETION OF THE COMMISSIONER IN AREAS A PAVING MACHINE CAN NOT REACH.
2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
3. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REPLACEMENT, SIDEWALK REPLACEMENT, AND NEW TOPSOIL AND SODDING. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER, SIDEWALK, AND GRASS PARKWAY RESTORATION IN THE FIELD.
4. SEE PLANS FOR LIMITS OF NEW PEDESTRIAN REFUGE MEDIANS & BUS BOARDING ISLANDS.
5. TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS AT GUTTER AND GROUT BARS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS AT GUTTER AND GROUT BARS SHALL BE PAID FOR SEPARATELY AS "DRILL AND GROUT BARS" UNLESS OTHERWISE NOTED.
6. SEE DRAWING TYP-13 FOR TREE PIT AND CONCRETE PAVER DETAILS

HMA MIXTURE REQUIREMENTS

PAY ITEM DESCRIPTION	PERCENT AIR VOIDS @ N065
PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2")	4% @ 70 GYR.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2" - 3")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	4% @ 70 GYR.

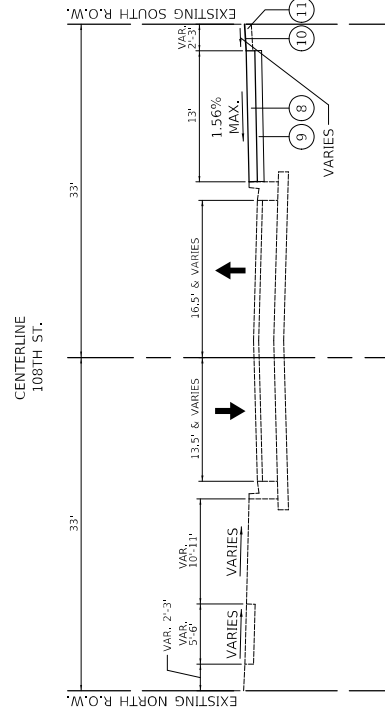
HMA MIXTURE REQUIREMENT NOTES:

1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LB/SY/IN.
2. FOR PERCENT OF RAP, SEE SPECIAL PROVISIONS.



PROPOSED TYPICAL SECTION - COTTAGE GROVE AVE.

STA. 312+12 TO STA. 313+37
 STA. 317+23 TO STA. 318+84
 STA. 323+07 TO STA. 324+04



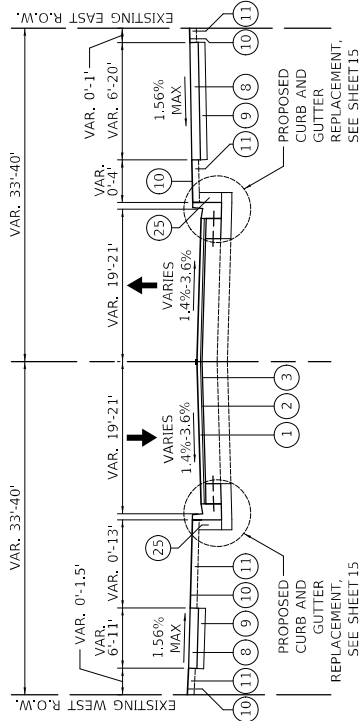
PROPOSED TYPICAL SECTION - 108TH ST.

STA. 400+46 TO STA. 402+68

DRAWN: CUB	DATE:	SECTION NO.:	PROJECT NO. 54451
CHECKED: B/B	REVISED BY:	SCALE: N.T.S.	
APPROVED: M/F	DATE: 10/27/2023	PROPOSED TYPICAL SECTIONS	
DESCRIPTION:		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		DRAWING NO. TYP-14 SHEET NO. 22	

CIVILTECH
 30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602
 Tel: 312.726.5910 - Fax: 312.726.8571
 www.civiltech.com

CENTERLINE
MARTIN LUTHER KING JR. DR.



PROPOSED TYPICAL SECTION - MARTIN LUTHER KING JR. DR.

STA. 501+04 TO STA. 503+42

PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- 2 HOT MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2" - 3"
- 3 BITUMINOUS MATERIALS (TACK COAT)
- 4 PORTLAND CEMENT CONCRETE BASE COURSE 9"
- 5 SUBBASE GRANULAR MATERIAL, TYPE B 6"
- 6 CLASS C PATCHES, 9 INCH (SEE NOTE 2)
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE BV-12 (SEE NOTE 3)
- 8 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SEE NOTE 3)
- 9 SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 10 SODDING, SALT TOLERANT (SEE NOTE 3)
- 11 PULVERIZED TOPSOIL MIX, SEE LANDSCAPE PLANS FOR LOCATION AND DEPTH
- 12 DRILL AND GROUT BARS (#5 BARS, 18" LONG AT 30" CENTERS)
- 13 LONGITUDINAL CONSTRUCTION JOINT - #5 ROUND TIE BAR, 18" LONG, 30" C-C. COST INCLUDED IN COMB. CONC. CURB AND GUTTER OR CONC. CURB PAY ITEM
- 14 CONCRETE MEDIUM SURFACE, 8" (SEE NOTE 4)
- 15 CONCRETE CURB, TYPE B (SEE NOTE 4)
- 16 SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH) (SEE NOTE 4)
- 17 CONCRETE MEDIUM, TYPE SM (SPECIAL)
- 18 PORTLAND CEMENT CONCRETE PAVEMENT 12"
- 19 PROTECTIVE CONCRETE SEALER
- 20 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SEE NOTE 3)
- 21 TREE WITH 5' X 10' OPEN TREE PIT
- 22 DECORATIVE LIGHT POLE
- 23 CONCRETE PAVERS
- 24 CLAY BRICK PAVERS
- 25 POROUS GRANULAR EMBANKMENT

NOTES:

1. HOT MIX ASPHALT BINDER COURSE (HAND METHOD), N70 SHALL BE USED AT THE DISCRETION OF THE COMMISSIONER IN AREAS A PAVING MACHINE CAN NOT REACH.
2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
3. SEE PLANS FOR LIMITS OF RESURFACING, CURB AND GUTTER REPLACEMENT, SIDEWALK REPLACEMENT, AND NEW TOPSOIL AND SODDING. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LIMITS OF THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER, SIDEWALK, AND GRASS PARKWAY RESTORATION IN THE FIELD.
4. SEE PLANS FOR LIMITS OF NEW PEDESTRIAN REFUGE MEDIANS & BUS BOARDING ISLANDS.
5. TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE NOT INCLUDED. COST SHALL BE PAID FOR SEPARATELY AS "DRILL AND GROUT BARS" UNLESS OTHERWISE NOTED.
6. SEE DRAWING TYP-15 FOR TREE PIT AND CONCRETE PAVEMENT DETAILS

HMA MIXTURE REQUIREMENTS

PAY ITEM DESCRIPTION	PERCENT AIR Voids @ N65
PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2")	4% @ 70 GYR.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1-1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1-1/2" - 3")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	4% @ 70 GYR.

HMA MIXTURE REQUIREMENT NOTES:

1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LB/SY/IN.
2. FOR PERCENT OF RAP, SEE SPECIAL PROVISIONS.

DRAWN: CURB CHECKED: B/B APPROVED: M/F DATE: 10/27/2023	REVISIONS: DATE: _____ REVISION BY: _____ REVISOR: _____	PROJECT NO. 545410 SECTION NO. _____ SCALE: N.T.S.	PROPOSED TYPICAL SECTIONS TYP-15 SHEET NO. 23	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	DRAWING NO. TYP-15 SHEET NO. 23
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30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602
 Tel: 312.726.5910 - Fax: 312.726.8571
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DESCRIPTION

DATE

REVISION BY

REVISOR

DATE

NO.

DATE

FILE NAME

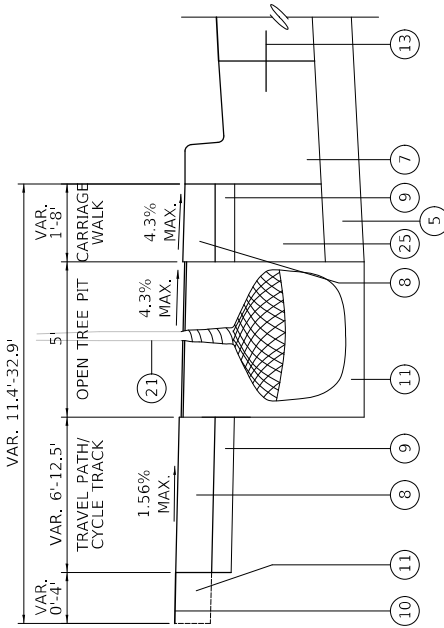
DATE

PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- 2 HOT MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1-1/2" - 3"
- 3 BITUMINOUS MATERIALS (TACK COAT)
- 4 PORTLAND CEMENT CONCRETE BASE COURSE 9"
- 5 SUBBASE GRANULAR MATERIAL, TYPE B 6"
- 6 CLASS C PATCHES, 9 INCH (SEE NOTE 2)
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE Bx-12 (SEE NOTE 3)
- 8 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SEE NOTE 3)
- 9 SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 10 SODDING, SALT TOLERANT (SEE NOTE 3)
- 11 PULVERIZED TOPSOIL MIX, SEE LANDSCAPE PLANS FOR LOCATION AND DEPTH
- 12 DRILL AND GROUT BARS (#5 BARS, 18" LONG AT 30" CENTERS)
- 13 LONGITUDINAL CONSTRUCTION JOINT - #5 ROUND TIE BAR, 18" LONG, 30" C-C. COST INCLUDED IN COMB. CONC. CURB AND GUTTER OR CONC. CURB PAY ITEM
- 14 CONCRETE MEDIAN SURFACE, 8" (SEE NOTE 4)
- 15 CONCRETE CURB, TYPE B (SEE NOTE 4)
- 16 SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH) (SEE NOTE 4)
- 17 CONCRETE MEDIAN, TYPE SM (SPECIAL)
- 18 PORTLAND CEMENT CONCRETE PAVEMENT 12"
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- 20 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SEE NOTE 3)
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- 25 POROUS GRANULAR EMBANKMENT

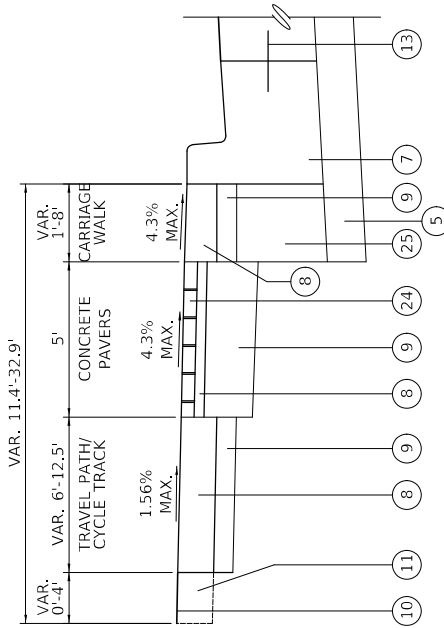
NOTES:

1. HOT MIX ASPHALT BINDER COURSE (HAND METHOD), N70 SHALL BE USED AT THE DISCRETION OF THE COMMISSIONER IN AREAS A PAVING MACHINE CAN NOT REACH.
2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS C PATCHES IN THE FIELD.
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5. TIE BARS AT CURBLINE AND LONGITUDINAL PAVEMENT JOINTS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS AT CONSTRUCTION JOINTS ARE INCLUDED IN THE COST OF CURB AND COMB. CONC. CURB AND GUTTER. TIE BARS AT CONSTRUCTION JOINTS SHALL BE PAID FOR SEPARATELY AS "DRILL AND GROUT BARS" UNLESS OTHERWISE NOTED.
6. SEE DRAWING TYP-15 FOR TREE PIT AND CONCRETE PAVER DETAILS



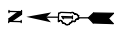
TREE PIT DETAIL

SEE DRAWING TYP-5 FOR PROPOSED TREE PIT CONFIGURATION ALONG CYCLE TRACK
SEE DRAWING L-10 FOR TREE GRATE DETAILS



CONCRETE PAVER DETAIL

DRAWING NO. TYP-16		PROJECT NO. 540451	
SHEET NO. 24		SECTION NO.	
SCALE: N.T.S.		PROPOSED TYPICAL SECTIONS	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.cityofchicago.org		DRAWN: CUB CHECKED: BJB APPROVED: MIF DATE: 10/27/2023	
DESCRIPTION		DATE	REVISOR BY



111TH STREET
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
13+00.00	1,831.434.99	1,180.530.22	P.O.T.
16+58.76	1,831.446.02	1,180.888.81	P.I.
26+17.22	1,831.468.92	1,181.847.00	P.O.T.

111TH STREET
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
106+16.94	1,831.467.41	1,181.846.76	P.O.T.
132+68.84	1,831.530.78	1,184.497.90	P.O.T.

FORRESTVILLE AVENUE
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
10+00.00	1,831.301.44	1,182.019.50	P.C.
10+50.85	1,831.350.85	1,182.008.53	P.R.C.
11+05.35	1,831.403.90	1,181.997.47	P.T.
11+72.44	1,831.470.88	1,181.995.86	P.O.T.

ST. LAWRENCE AVENUE
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
20+00.00	1,831.338.01	1,182.242.63	P.O.T.
21+38.83	1,831.476.79	1,182.239.15	P.O.T.

CHAMPLAIN AVENUE
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
30+00.00	1,831.346.34	1,182.572.94	P.O.T.
31+38.39	1,831.484.68	1,182.569.13	P.O.T.

LANGLEY AVENUE (SOUTH)
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
40+00.00	1,831.346.86	1,182.902.79	P.O.T.
41+45.76	1,831.492.58	1,182.899.59	P.O.T.

LANGLEY AVENUE (NORTH)
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
50+00.00	1,831.495.42	1,183.018.52	P.O.T.
50+85.89	1,831.581.28	1,183.016.37	P.O.T.

ELLIS AVENUE (NORTH)
PROPOSED CENTERLINE COORDINATE TABLE

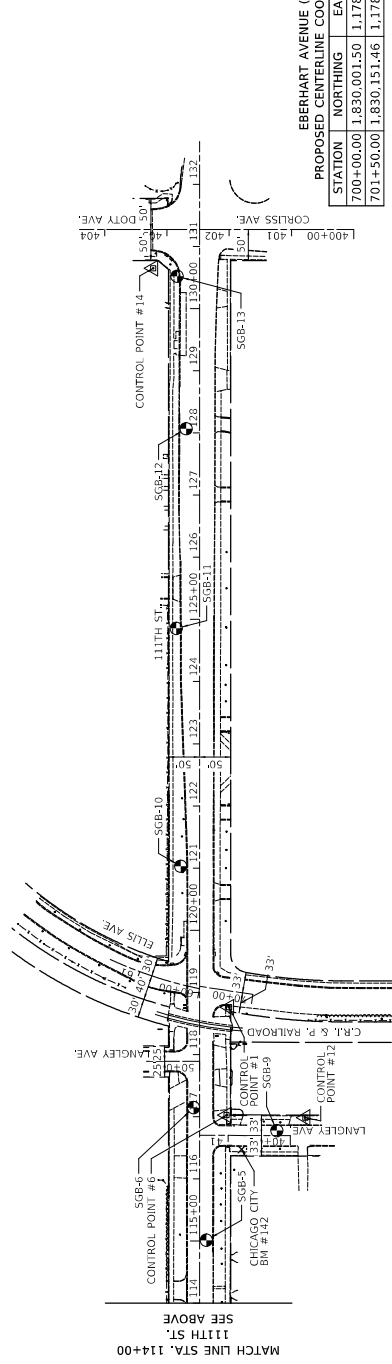
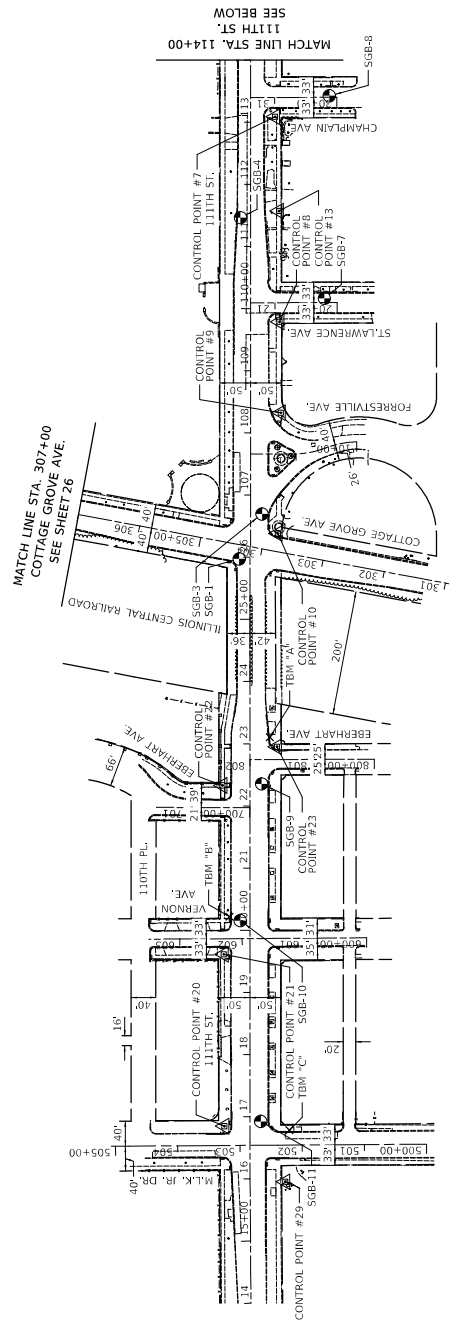
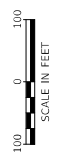
STATION	NORTHING	EASTING	TYPE
60+00.00	1,831.498.21	1,183.135.48	P.O.T.
61+51.44	1,831.642.89	1,183.179.11	P.O.T.

ELLIS AVENUE (SOUTH)
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
70+00.00	1,831.412.29	1,183.128.34	P.O.T.
70+86.71	1,831.498.31	1,183.139.35	P.O.T.

DOTY AVENUE/CORLIS AVENUE
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
400+00.00	1,831.279.77	1,184.362.18	P.O.T.
404+40.57	1,831.720.22	1,184.351.65	P.O.T.



MARTIN LUTHER KING DRIVE
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
500+00.00	1,831.161.94	1,180.892.81	P.O.T.
505+06.69	1,831.668.39	1,180.877.31	P.O.T.

VERNON AVENUE
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
600+00.00	1,829.808.95	1,177.974.31	P.O.T.
603+50.00	1,830.003.34	1,177.963.64	P.O.T.

EBERHART AVENUE (NORTH)
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
700+00.00	1,830.001.50	1,178.179.23	P.O.T.
701+50.00	1,830.151.46	1,178.175.91	P.O.T.

EBERHART AVENUE (SOUTH)
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
800+00.00	1,829.803.42	1,178.261.92	P.O.T.
802+00.00	1,830.003.34	1,178.256.23	P.O.T.

BM #	DESCRIPTION	LOCATION	ELEV.
BM 142	CHICAGO CITY BENCHMARK	10.5 FEET E. OF W. LINE OF LANGLEY AVENUE	9.831
TBM "A"	TBM	17.4 FEET S. OF S. LINE OF E. 111TH STREET	13.53
TBM "B"	TBM	CHAIN BOLT ON HYDRANT AT SE CORNER OF 111TH AND EBERHART	12.91
TBM "C"	TBM	NE FLANGE BOLT ON HYDRANT AT SE CORNER OF 111TH AND MLK JR.	12.94

ELEVATIONS ARE CHICAGO CITY DATUM

LEGEND

- EXISTING R.O.W.
- BORING/LOG LOCATION
- CONTROL POINT
- BENCHMARK

NOTE

FOR BORING AND PAVEMENT CORING LOG INFORMATION, SEE SHEETS 29 THROUGH 32

DRAWN: CHB CHECKED: BB APPROVED: MIF DATE: 10/27/2023	REVISIONS DATE REVISION BY	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	DRAWING NO: ATB-1 SHEET NO: 25
		SCALE: 1" = 100' SECTION NO. 545451 PROJECT NO. 545451		



30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602
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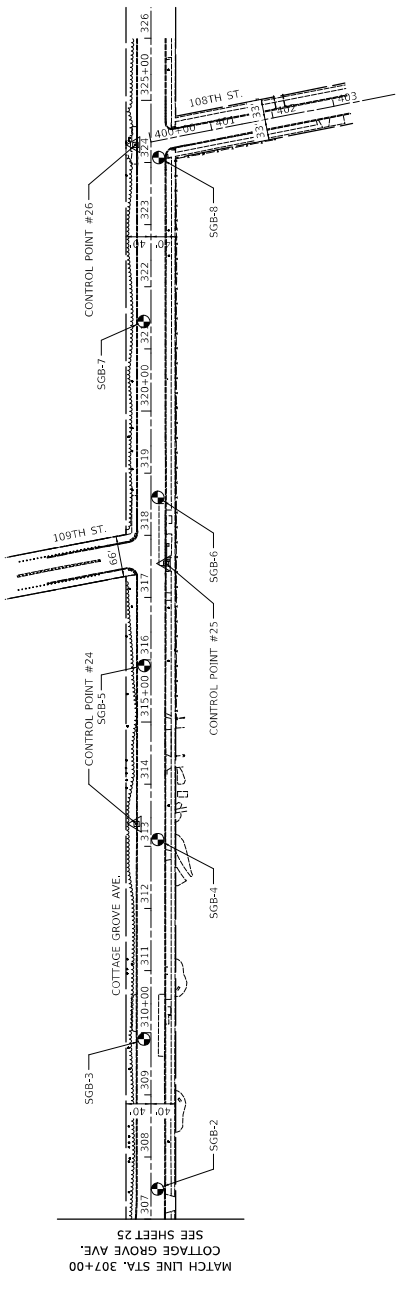


COTTAGE GROVE AVENUE
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
300+00.00	1,831.054.49	1,181.779.87	P.O.T.
326+49.23	1,833.669.63	1,182.203.47	P.O.T.

108TH STREET
PROPOSED CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING	TYPE
400+00.00	1,833.456.24	1,182.168.91	P.O.T.
404+00.00	1,833.469.08	1,182.568.70	P.O.T.



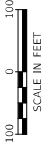
MATCH LINE STA. 307+00
COTTAGE GROVE AVE.
SEE SHEET 25

LEGEND

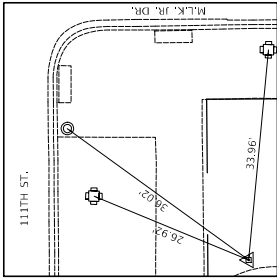
- EXISTING R.O.W.
- BORING CORE LOCATION
- CONTROL POINT
- BENCHMARK

NOTE

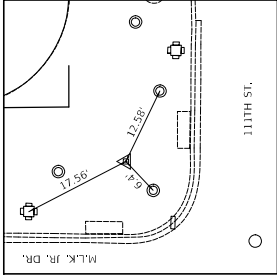
FOR BORING AND PAVEMENT CORING LOG INFORMATION, SEE SHEETS 25 THROUGH 32



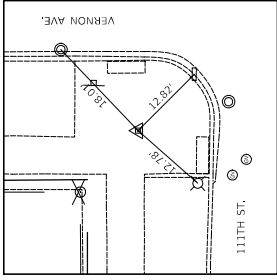
DRAWN: CHB	DATE:	REVISIONS:	DESCRIPTION:
CHECKED: BJB	APPROVED: MIF	DATE: 10/27/2023	
30 N. LaSalle St., Suite 2220 - Chicago, Illinois 60602 Tel: 312.726.8910 - Fax: 312.726.8911 www.civiltech.com			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
ALIGNMENTS, TIES, AND BENCHMARKS		DRAWING NO. ATB-2 SHEET NO. 26	
SCALE: 1" = 100'		SECTION NO. PROJECT NO. 540450	



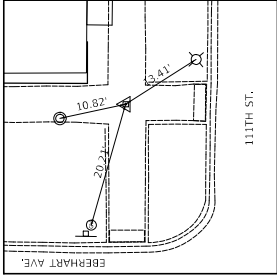
CONTROL POINT #29
 N = 1,831,387,504
 E = 1,180,826,971
 ELEV. = 12.17
 STA. 108+56.69 FT
 CUT CROSS IN CONCRETE WALK AT SE CORNER OF 1111TH ST. AND COTTAGE GROVE AVE.



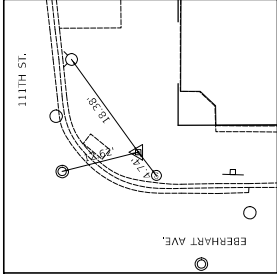
CONTROL POINT #20
 N = 1,831,487,435
 E = 1,180,913,992
 ELEV. = 12.18
 STA. 108+60.69 FT
 CUT CROSS IN CONCRETE WALK AT NE CORNER OF 1111TH ST. AND M.L.K. JR. DR.



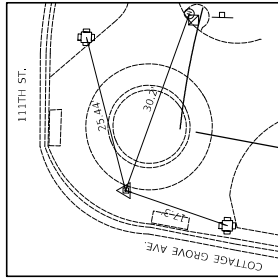
CONTROL POINT #21
 N = 1,831,495,097
 E = 1,181,190,182
 ELEV. = 11.96
 STA. 109+41.86 FT
 CUT CROSS IN CONCRETE WALK AT NW CORNER OF 1111TH ST. AND VERNON AVE.



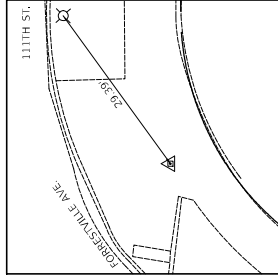
CONTROL POINT #22
 N = 1,831,503,584
 E = 1,181,461,932
 ELEV. = 12.29
 STA. 109+45.64 FT
 CUT CROSS IN CONCRETE WALK AT NE CORNER OF 1111TH ST. AND EBERHART AVE.



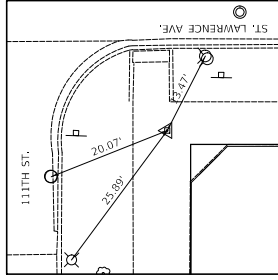
CONTROL POINT #23
 N = 1,831,417,626
 E = 1,181,526,185
 ELEV. = 12.39
 STA. 109+45.64 FT
 CUT CROSS IN CONCRETE WALK AT SE CORNER OF 1111TH ST. AND EBERHART AVE.



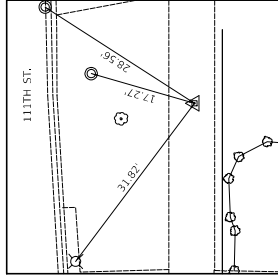
CONTROL POINT #10
 N = 1,831,426,68
 E = 1,180,826,971
 ELEV. = 11.88
 STA. 26+38.41, 42.76' RT
 CUT CROSS IN CONCRETE WALK AT SE CORNER OF 1111TH ST. AND COTTAGE GROVE AVE.



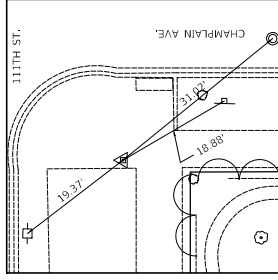
CONTROL POINT #9
 N = 1,831,426,40
 E = 1,180,913,992
 ELEV. = 10.73
 STA. 108+32.56, 48.34' RT
 CUT CROSS IN CONCRETE WALK AT SE CORNER OF 111TH ST. AND FORRESTVILLE AVE.



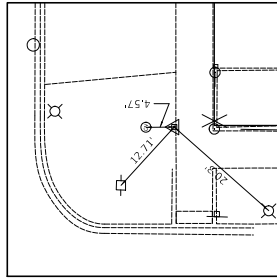
CONTROL POINT #8
 N = 1,831,431,59
 E = 1,180,913,992
 ELEV. = 10.56
 STA. 109+78.80, 44.09' RT
 CUT CROSS IN CONCRETE WALK AT SW CORNER OF 1111TH ST. AND LAWRENCE AVE.



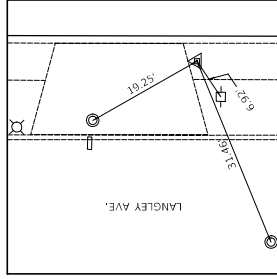
CONTROL POINT #13
 N = 1,833,434,83
 E = 1,184,913,76
 ELEV. = 10.30
 STA. 111+57.01, 45.50' RT
 CUT CROSS IN CONCRETE WALK ON S SIDE OF 1111TH ST. BETWEEN ST. LAWRENCE AVE. AND CHAMPLAIN AVE.



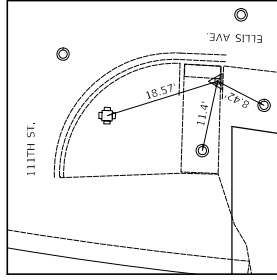
CONTROL POINT #7
 N = 1,833,446,96
 E = 1,184,913,76
 ELEV. = 10.30
 STA. 113+12.41, 37.08' RT
 CUT CROSS IN CONCRETE WALK AT SW CORNER OF 1111TH ST. AND CHAMPLAIN AVE.



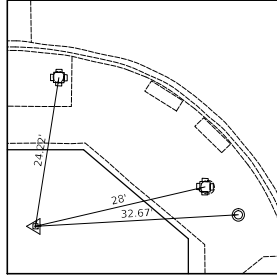
CONTROL POINT #6
 N = 1,831,451,94
 E = 1,182,929,52
 ELEV. = 10.36
 STA. 109+41.34 RT
 CUT CROSS IN CONCRETE WALK AT SE CORNER OF 1111TH ST. AND LANGLEY AVE.



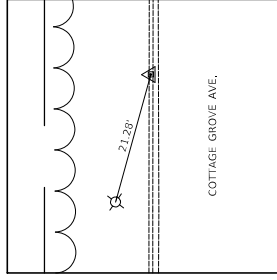
CONTROL POINT #12
 N = 1,831,323,19
 E = 1,182,932,28
 ELEV. = 10.40
 STA. 109+41.34 RT
 CUT CROSS IN CONCRETE WALK ON E SIDE OF LANGLEY AVE.



CONTROL POINT #11
 N = 1,831,452,00
 E = 1,183,102,98
 ELEV. = 11.43
 STA. 109+45.67 RT
 CUT CROSS IN CONCRETE WALK AT SW CORNER OF 1111TH ST. AND ELLIS AVE.

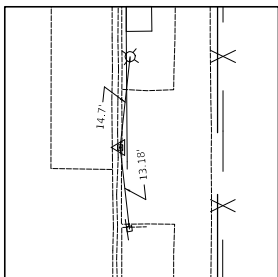


CONTROL POINT #14
 N = 1,831,600,15
 E = 1,184,292,17
 ELEV. = 7.64
 STA. 108+33.71, 67.91' RT
 CUT CROSS IN CONCRETE CURB ON NW SIDE OF DOTY AVE.



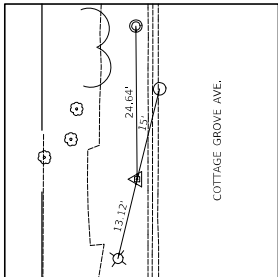
CONTROL POINT #24
 N = 1,832,376,730
 E = 1,181,970,832
 ELEV. = 11.82
 STA. 108+33.71, 67.91' RT
 CUT CROSS IN CONCRETE CURB ON NW SIDE OF COTTAGE GROVE AVE.

DRAWN: CBB	DATE:	DESCRIPTION:	<p>30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602 Tel: 312.726.8910 - Fax: 312.726.8571 www.civiltech.com</p>	<p>CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</p>	<p>111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS</p>	<p>ALIGNMENTS, TIES, AND BENCHMARKS</p>	DRAWING NO. ATB-3
CHECKED: MIF	REVISED BY:	SECTION NO. 5C451					
APPROVED: MIF	DATE:	PROJECT NO. 15C451					
DATE: 10/27/2023		SCALE: 1" = 100'					
<p>NOT SCALE: 1" = 100'</p>							SHEET NO. 27



CONTROL POINT #25

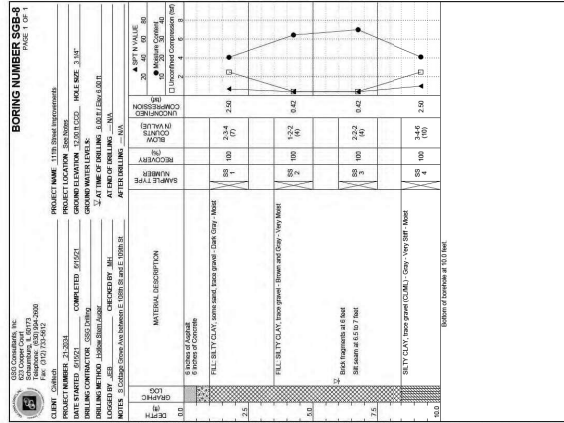
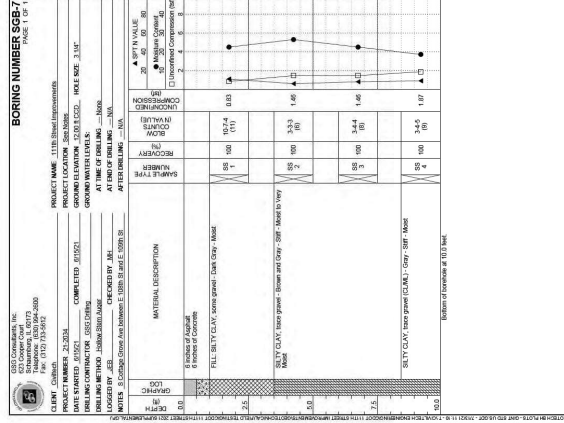
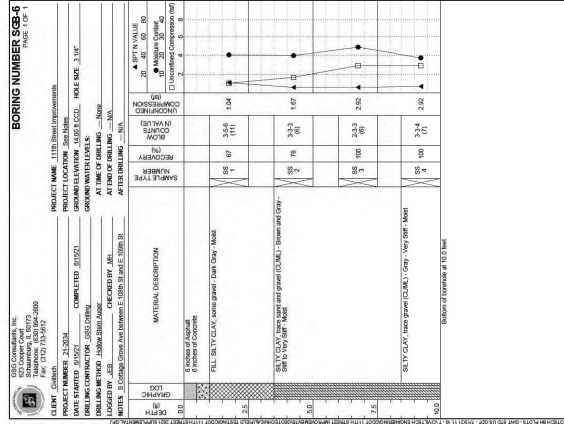
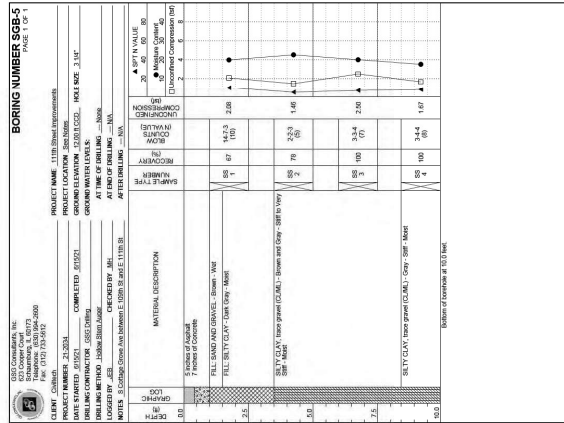
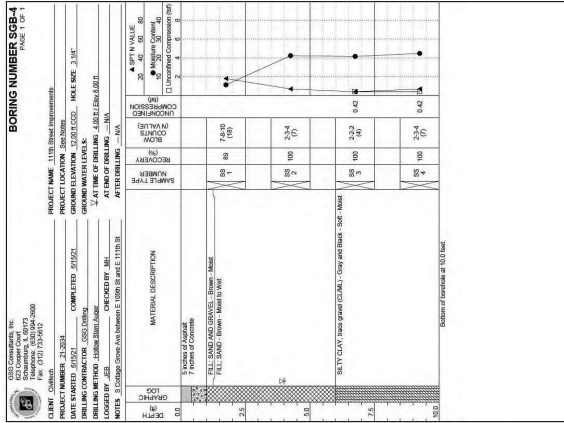
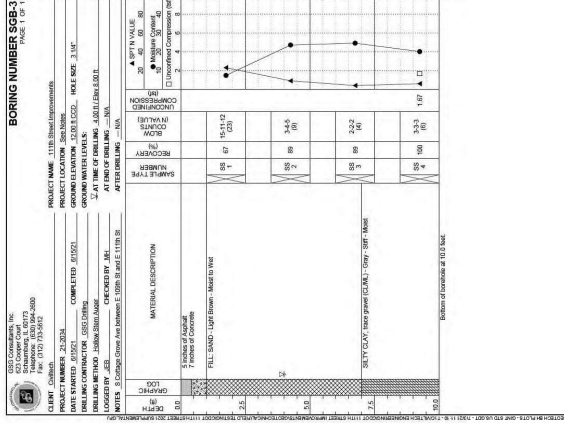
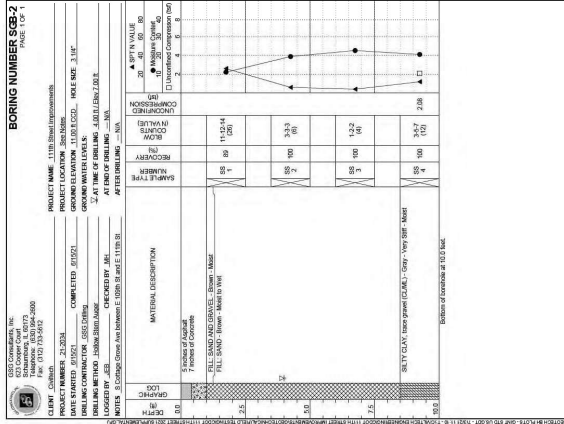
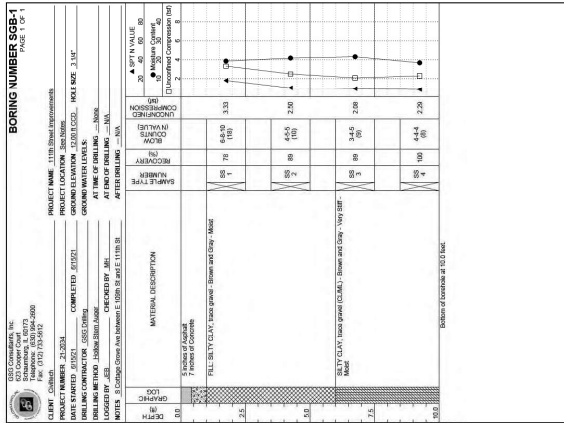
N = 1,832,782,981
 E = 1,192,084,532
 ELEV. = 116.77
 CURB HEIGHT = 14.70 FT.
 CURB CROWN CONCRETE CURB ON THE SIDE OF 109TH ST. AND COTTAGE GROVE AVE.



CONTROL POINT #26

N = 1,833,455,691
 E = 1,182,443,817
 ELEV. = 122.04
 CURB HEIGHT = 14.70 FT.
 CURB CROWN CONCRETE CURB ON THE SIDE OF 108TH ST. AND COTTAGE GROVE AVE.

DRAWING NO.	ATB-4	ALIGNMENTS, TIES, AND BENCHMARKS	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.civiltech.com	PROJECT NO. 5-CM-451	DRAWING NO. ATB-4 SHEET NO. 28
SCALE: 1" = 100'					SECTION NO.		
DRAWN:	CRB						
CHECKED:	BFB						
APPROVED:	MF						
DATE:	10/27/03	REVISED BY:		DATE:			
DESCRIPTION							



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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND PAVEMENT CORE LOGS
COTTAGE GROVE AVENUE
IMPROVEMENTS

DATE	REVISION BY	DATE	DESCRIPTION
10/27/2023			

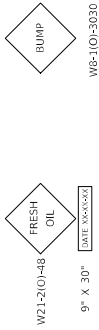
DRAWN: CUB
CHECKED: BJB
APPROVED: MIF
DATE: 10/27/2023

MAINTENANCE OF TRAFFIC NOTES

1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT WHEN WORK COMMENCES, THE CONTRACTOR SHALL ASSUME THE MAINTENANCE OF ANY PAVEMENT, DRAINAGE FACILITIES, TRAFFIC CONTROL DEVICES, AND SIGNALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES THROUGHOUT THE CONSTRUCTION PERIOD SHALL BE PERFORMED BY OTHERS.
2. TRAFFIC CONTROL DEVICES IN THESE PLANS AND THE APPLICABLE DOT DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS, OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER, TRAFFIC CONTROL, AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVERSED.
3. A MINIMUM OF ONE THROUGH LANE MUST BE PROVIDED ON ALL SIDE STREETS. THE MAINTENANCE OF DRAINAGE FACILITIES, TRAFFIC CONTROL SIGNS, AND PAVEMENT MARKINGS SHALL BE CONSIDERED INCIDENTAL TO "VEHICLE TRAFFIC CONTROL AND PROTECTION".
4. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT ADJACENT TRAFFIC LANES OPEN TO TRAFFIC FROM DEBRIS BEING BLOWN OR OTHERWISE DEPOSITED ON THE ADJACENT TRAVELED LANE SURFACE.
5. SUPERVISION OF THE TRAFFIC MANAGEMENT MUST BE INSTALLED AT THE DIRECTION AND UNDER THE SUPERVISION OF THE TRAFFIC MANAGEMENT AUTHORITY OF THE OFFICE OF EMERGENCY MANAGEMENT AND COMMUNICATION. SEVEN (7) DAYS NOTICE MUST BE GIVEN TO OEMC FOR DIRECTION OF SIGNING. THE CONTRACTOR SHALL COORDINATE THE MAINTENANCE OF TRAFFIC WITH THAT OF ADJACENT PROJECTS, THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
6. ALL CONSTRUCTION WARNING SIGNS SHALL HAVE FLOURESCENT ORANGE BACKGROUNDS.
7. 24 IN X 18 IN "SIDEWALK CLOSED" (R11-101) SIGNS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE TRAFFIC MANAGEMENT AUTHORITY OF THE OFFICE OF EMERGENCY MANAGEMENT AND COMMUNICATION OR THE COMMISSIONER. THIS COST SHALL BE INCLUDED IN THE COST COORDINATED TO MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES WITH NO ADDITIONAL COST TO THE PROJECT.
8. ADDITIONAL TRAFFIC CONTROL SIGNS MAY BE REQUIRED AS DIRECTED BY THE TRAFFIC MANAGEMENT AUTHORITY OF THE OFFICE OF EMERGENCY MANAGEMENT AND COMMUNICATION. ALL COSTS SHALL BE INCLUDED IN THE COST OF "VEHICLE TRAFFIC CONTROL AND PROTECTION".
9. ANY SIGNING WORK REQUIRED TO BE DONE BY THE TRAFFIC MANAGEMENT AUTHORITY OF THE OFFICE OF EMERGENCY MANAGEMENT AND COMMUNICATION CREWS WILL BE DONE AT A CHARGE PER SIGN AS PART OF THE CONSTRUCTION PERMIT FEE.
10. BEFORE CONSTRUCTION BEGINS, THE CONTRACTOR MUST WALK THROUGH THE JOB WITH THE AUTHORIZED REPRESENTATIVE OF THE CITY OF CHICAGO TO CONFIRM THE NUMBER OF STREET SIGNS.
11. TRAFFIC CONTROL SIGNS SHALL BE ACCORDING TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND AS PROPOSED IN THESE PLANS, INCLUDING THE LOCATION, TYPE, SIZE, NUMBER, AND DURATION.
12. THE CONTRACTOR SHALL PROVIDE EMERGENCY MANAGEMENT AND COMMUNICATION REGARDING LOCATION, TYPE, SIZE, NUMBER, AND DURATION.
13. TRAFFIC CONTROL SIGNS SHALL BE PLACED AS SHOWN ON THE PLANS OR AS OTHERWISE DIRECTED BY THE TRAFFIC MANAGEMENT AUTHORITY OF THE OFFICE OF EMERGENCY MANAGEMENT AND COMMUNICATION.
14. DRUMS WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS. LIGHTS, BARRICADES SHALL BE PLACED AT 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TYPERS, AND 10' CENTERS IN CURVES AND RADII UNLESS OTHERWISE DIRECTED BY THE ENGINEER. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TIPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701801.
15. DRUMS EQUIPPED WITH TWOWAY FLASHING LIGHTS WILL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, UNSTABILIZED EXPOSURES, AND AT ANY OTHER LOCATIONS DESIGNATED BY THE ENGINEER OR LAW ENFORCEMENT AGENCIES.
16. DRUMS AND BARRICADES SHALL MEET THE REQUIREMENTS OF THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350 AND THE STANDARD SPECIFICATIONS.
17. ALL LIGHTS SHALL MEET THE REQUIREMENTS FOR TYPE A LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.021B1 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
18. TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
19. THE FIRST WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS. FLAGS ARE OPTIONAL.
20. COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT.
21. "FRESH OIL" SIGNS (W21-210-48) WITH DATE SIGNS SHALL BE ERCTED 48 HOURS PRIOR TO PRIMING ALONG 111TH STREET AND COTTAGE GROVE AVENUE. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, SPECIFIC".
22. "OF" ARROW BOARDS SHALL BE CONSIDERED INCIDENTAL TO "VEHICLE TRAFFIC CONTROL AND PROTECTION".
23. SIGNS BEYOND THE LIMITS OF CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH IDOT STANDARDS 70150.
24. LANE CLOSURES FOR ALL INTERSECTION IMPROVEMENTS SHALL BE IN ACCORDANCE WITH IDOT STANDARDS 701701.
25. FOR ADDITIONAL INFORMATION ON TRAFFIC CONTROL AND SIGNING, REFER TO THE IDOT STANDARDS INCLUDED IN THESE PLANS.

MAINTENANCE OF TRAFFIC NOTES (CONTINUED)

26. UNLESS OTHERWISE SPECIFIED BY THE COMMISSIONER, ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PAINT.
27. TEMPORARY LETTERS AND SYMBOLS SHALL BE PLACED AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AS "TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS".
28. TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR PER LINEAR FOOT AS "TEMPORARY PAVEMENT MARKING - LINE 4\"". TEMPORARY PAVEMENT MARKING - LINE 6\" OR TEMPORARY STOP BARS SHALL BE 24-INCH WHITE.
29. SPKASH LANE LINES SHALL BE 6-INCH WHITE.
30. THE CONTRACTOR SHALL RESTORE THE EXISTING PAVEMENT MARKING DESTROYED DURING CONSTRUCTION AS DIRECTED BY THE COMMISSIONER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "VEHICLE TRAFFIC CONTROL AND PROTECTION".
31. ANY EXISTING PAVEMENT MARKING THAT CONFLICTS WITH THE TEMPORARY PAVEMENT MARKING SHALL BE COVERED BY THE CONTRACTOR. THIS WORK WILL BE PAID FOR PER LINEAL FOOT AS "PAVEMENT MARKING BLACKOUT TAPE, REMOVAL OF BLACKOUT TAPE WILL BE PAID FOR PER SQUARE FOOT AS "SHORT TURN TAPE" MARKING REMOVAL.
32. IN ORDER TO COMPLY WITH IDOT'S DROP-OFF STANDARDS, THE CONTRACTOR SHALL PLACE THE PAVEMENT AND CURB AND GUTTER REMOVAL.
33. DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. TRAVEL LANE WIDTHS SHALL BE A MINIMUM OF 10'.
34. OPERATIONS, IF THE STAGING IS SEGMENTED IN SEGMENTS FOR MORE EFFICIENT OPERATIONS, THE CONTRACTOR MAY STAGE HIS CONSTRUCTION AT SEGMENTS FOR MORE EFFICIENT OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE BEGINNINGS AND ENDS OF THE SEGMENT SHALL BE SIMILAR TO THAT SHOWN IN THE PLANS. THE CONTRACTOR SHALL NOT BE ENTITLED TO ANY ADDITIONAL COMPENSATION FOR REVISING THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS.
35. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.
36. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR LOCATED BY THE ENGINEER. ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED. ANY DAMAGE CAUSED BY THIS WORK SHALL BE REFERRED TO THE SATISFACTION OF THE ENGINEER AND AT THE EXPENSE OF THE CONTRACTOR.
37. IT IS ANTICIPATED ON-STREET PARKING MUST BE TEMPORARILY CLOSED DURING CONSTRUCTION. ALL PARKING RESTRICTIONS MUST BE APPROVED BY THE COMMISSIONER. THE LOCATION OF NO CONSTRUCTION. THE WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF "VEHICLE TRAFFIC CONTROL AND PROTECTION".
38. THE CONTRACTOR SHALL ERCT TEMPORARY STREET NAME SIGNS ON METAL POSTS THROUGHOUT CONSTRUCTION TO THE SATISFACTION OF THE COMMISSIONER. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "VEHICLE TRAFFIC CONTROL AND PROTECTION".
39. PAVEMENT MARKING TAPE, TYPE IV, SHALL BE USED ON ALL SURFACES THAT WILL NOT BE TO FINAL PAVEMENT MARKING PLACEMENT. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING TAPE, TYPE IV OF THE SIZE SPECIFIED. REMOVAL OF TEMPORARY TAPE PAVEMENT MARKINGS SHALL BE PAID FOR AS TEMPORARY PAVEMENT MARKING REMOVAL.
40. TEMPORARY PAVEMENT MARKING SHALL BE PAINT WHEN PLACED ON AREAS WITHIN THE RESURFACING LIMITS WHERE SURFACE COURSE HAS NOT BEEN PLACED OR WHEN THE PAINT PRIOR TO PLACING THE SURFACE COURSE WILL NOT BE PAID FOR.
41. PERMANENT MARKINGS SHALL BE PLACED ON THE FINAL SURFACE WHERE THE MARKINGS IN THAT STAGE AND THE FINAL CONDITION ARE THE SAME. SEE PAVEMENT MARKING PLANS.
42. THE CONTRACTOR SHALL COORDINATE WITH THE CHICAGO TRANSIT AUTHORITY (CTA) A MINIMUM OF 2 WEEKS PRIOR TO ANY SHIFT IN THE MAINTENANCE OF TRAFFIC OR CHANGE IN CONSTRUCTION STAGING THAT WILL EFFECT THE OPERATIONS OF THE CTA BUSES AND BUS STOPS.
43. THE CTA REQUIRES THAT NO TWO CONSECUTIVE BUS STOPS IN ONE DIRECTION OF TRAVEL ARE TEMPORARILY ELIMINATED AT THE SAME TIME. THE CONTRACTOR SHALL SUBSTAGE WORK AS NECESSARY TO MAINTAIN A MINIMUM OF TWO BUS STOP LOCATIONS. THE CONTRACTOR SHALL SUBSTAGE WORK AS NECESSARY TO MAINTAIN A MINIMUM WORK ZONE TO A TEMPORARILY RELOCATED BUS STOP. SEE "TEMPORARY BUS STOP DETAIL" ON SHEET 64. THIS WORK SHALL BE INCLUDED IN THE COST OF "VEHICLE TRAFFIC CONTROL AND PROTECTION".
44. THE CONTRACTOR SHALL MAINTAIN EXISTING AND/OR TEMPORARY TRAFFIC SIGNALS AT ALL SIGNALIZED INTERSECTIONS THROUGHOUT CONSTRUCTION.



TO BE PLACED AS DIRECTED BY THE ENGINEER

DRIVEWAY AND ALLEY ACCESS NOTES

1. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AND MAINTAIN VEHICULAR ACCESS TO ALL PRIVATE AND COMMERCIAL PROPERTY WITHIN THE WORK AREAS DURING THE CONSTRUCTION PERIOD. DRIVEWAY AND ALLEY RECONSTRUCTION SCHEDULING, ALL DRIVEWAY CLOSURES SHALL BE APPROVED BY THE ENGINEER.
2. TEMPORARY DRIVES AND ALLEYS SHALL BE CONSTRUCTED USING 100% RECYCLED ASPHALT OR ASPHETE PAVEMENT. THE NEW DRIVEWAYS TO BE PLACED SHALL BE IN DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL NOT REMOVE THE TEMPORARY ACCESS UNTIL THE MORNING OF THE PAVING OPERATIONS. REPLACEMENT OF THE TEMPORARY ACCESS UPON COMPLETION OF THE PLACEMENT OF THE SURGRADE OR PAVING OPERATION SHALL BE INCLUDED IN THE COST OF TEMPORARY ACCESS (COMMERCIAL ENTRANCE).
3. THE ESTIMATED QUANTITY GIVEN FOR TEMPORARY ACCESS (COMMERCIAL ENTRANCE) IS GIVEN FOR THE BIDDER'S INFORMATION ONLY, AND THE CITY TAKES NO RESPONSIBILITY FOR ITS ACCURACY.
4. TEMPORARY INFORMATION SIGNING SHALL BE USED WHEN DIRECTED BY THE COMMISSIONER TO PROVIDE GUIDANCE SIGNS WHEN A DRIVEWAY MUST BE CLOSED TEMPORARILY FOR CONSTRUCTION OF THE DRIVEWAY APPROX. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "VEHICLE TRAFFIC CONTROL AND PROTECTION". PRIORITIES WITH MULTIPLE ENTRANCES SHALL ONLY HAVE ONE ENTRANCE CLOSED AT A TIME.

SIDEWALK MAINTENANCE NOTES

- MAINTAINING PEDESTRIAN ACCESS THROUGH THE PROJECT AREA IS OF THE UTMOST IMPORTANCE TO THE CITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING THE CONSTRUCTION OF DRIVEWAY AND ALLEY RECONSTRUCTION. THE CONTRACTOR SHALL FOLLOW THE PROCEDURES BELOW TO ENSURE PROPER PEDESTRIAN ACCESSIBILITY. THE WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF "PEDESTRIAN TRAFFIC CONTROL AND PROTECTION".
1. A MINIMUM 5' WIDE ADA-COMPLIANT WALKING SURFACE ON BOTH SIDES OF THE STREET SIGNING AND PEDESTRIAN BARRICADES DIRECTING PEDESTRIANS TO THE OPEN SIDEWALK SHALL BE IN ACCORDANCE WITH STANDARD 701801.
 2. 3 OF 4 CROSSWALKS AT INTERSECTIONS MUST BE MAINTAINED AT ALL TIMES UNLESS DIRECTED BY THE ENGINEER.
 3. WHERE A HANDICAPPED PEDESTRIAN RAMP IS RESTRICTED DUE TO CLOSURE, TEMPORARY RAMPS SHALL BE PROVIDED.
 4. TEMPORARY AGGREGATE PEDESTRIAN SIDEWALK, TEMPORARY SIDEWALK RAMPS, AND TEMPORARY BARRICADES SHALL BE PLACED AS SHOWN ON THE PLANS AND APPROVED BY THE ENGINEER. TEMPORARY SIDEWALK AND RAMPS MAY BE COLD PATCH ASPHALT OR A THIN CONCRETE COVER.
 5. WHERE SECTIONS OF PROPOSED SIDEWALKS MUST BE OMITTED TO MAINTAIN EXISTING LIGHTING UNITS PRIOR TO COMPLETION OF PROPOSED STREET LIGHTING, AGGREGATE PEDESTRIAN SIDEWALK MUST BE PROVIDED TO MAINTAIN PEDESTRIAN ACCESS ALONG 111TH STREET AND COTTAGE GROVE AVENUE.
 6. VERIFY LOCATION OF ALL BUILDING ACCESS. COORDINATE WITH BUILDING OWNERS AND LOCAL AUTHORITIES AND PROVIDE FILE ACCESS TO BUSINESSES OR PROPERTIES DURING THEIR NORMAL WORKING HOURS IN ACCORDANCE WITH ADA AND APPLICABLE CODE REQUIREMENTS.
 7. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO ALL BUILDINGS ALONG 111TH STREET THROUGHOUT CONSTRUCTION. TEMPORARY ACCESS SHALL CONSIST OF TEMPORARY BUILDING RAMPS THAT ARE ADA COMPLIANT, WITH SKID-RESISTANT WALKWAY SURFACES. PEDESTRIAN RAILINGS BETWEEN THE TEMPORARY RAMP AND CONSTRUCTION ZONE, AND OF A SUFFICIENT STRENGTH TO SUPPORT A 100 POUND PER SQUARE FOOT (2500 FT) LOADS. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS DOWN FROM THE PEDESTRIAN WALKWAY ANY BUILDING ACCESS WITHIN THE PROJECT LIMITS SHALL BE IDENTIFIED BY THE CONTRACTOR AND DISCUSSED WITH THE COMMISSIONER PRIOR TO STARTING ANY REMOVAL OR DEMOLITION ACTIVITIES. THE CONTRACTOR SHALL DRAFT TEMPORARY ACCESS PLANS AND DETAILS A MINIMUM OF SEVEN (7) CALENDAR DAYS PRIOR TO THE REMOVAL OR DEMOLITION OF ANY EXISTING FEATURES AND SUBSEQUENT INSTALLATION OF TEMPORARY BUILDING RAMPS.
 8. RECONSTRUCTION OF SIDEWALK IN FRONT OF BUILDING ENTRANCES WITH MORE THAN ONE DOOR SHALL BE STAGED SO THAT AT LEAST ONE DOOR IS ACCESSIBLE AT ALL TIMES.
 9. SIDEWALK CLOSURE MAY BE PERMITTED AS DIRECTED BY THE COMMISSIONER. WITH PEDESTRIANS DETOURED PER IDOT STANDARD 701801, SIDEWALK REPLACEMENT SHALL BE COMPLETED WITHIN 48 HOURS OF SIDEWALK CLOSURE.

DRAWN: CBB	CHECKED: MFE	APPROVED: DATE: 10/27/2023	DATE	REVISION BY	REVISION	DESCRIPTION	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS		MAINTENANCE OF TRAFFIC - GENERAL NOTES		DRAWING NO. MOT-1
							SCALE: N.T.S.		SECTION NO.		PROJECT NO. S04891		SHEET NO. 33
							CIVILTECH						



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PHASE 1 - 11TH STREET FROM MARTIN LUTHER KING DRIVE TO 11TH STREET VIADUCT

PRE-STAGE 1 - STORM SEWER

PHASE 1 - STAGE 1A CONSTRUCTION

- CLEAN EXISTING DRAINAGE STRUCTURES AND TELEWISE SEWERS BENEATH FULL DEPTH PAVEMENT REMOVAL BETWEEN MARTIN LUTHER KING JR. DRIVE AND THE 11TH STREET VIADUCT.
- INSTALL NEW CATCH BASINS AND STORM SEWER LATERALS AT SELECT LOCATIONS IN ACCORDANCE WITH IDOT STANDARDS TO THE 11TH STREET VIADUCT USING DAILY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH IDOT STANDARDS 701601 AND 701602. ALL PAVEMENT OPENINGS MUST BE COVERED WITH STEEL PLATES AT THE END OF EACH WORK DAY.
- INSTALL CLASS C PATCHES OVER NEW SEWER LATERALS AND REMOVE ASSOCIATED TEMPORARY TRAFFIC CONTROL.

STAGE 1 - SOUTH SIDE OF 11TH STREET

PHASE 1 - STAGE 1 MAINTENANCE

- MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES.
- MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
- MAINTAIN LEFT TURN LANES AT MARTIN LUTHER KING DRIVE.

PHASE 1 - STAGE 1B CONSTRUCTION

- REMOVE CURB AND GUTTER, DRIVEWAY PAVEMENT, REMAINING SIDEWALK, AND STREET LIGHTING ON THE SOUTH SIDE OF 11TH STREET AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
- ADJUST EXISTING MANHOLES, CATCH BASINS TO REMAIN, AND UTILITY STRUCTURES.
- STORM SEWER LATERAL
- INSTALL CLASS C PATCHES OVER NEW SEWER LATERALS.
- INSTALL STREET LIGHTING CONDUITS AND FOUNDATIONS.
- INSTALL CURB AND GUTTER AND REMAINING SIDEWALK.
- INSTALL TREES, STREET LIGHT POLES, AND SITE FURNITURE.
- INSTALL PAVEMENT PATCHING PER IDOT DISTRICT 1 STANDARD 80-22.
- RELOCATE TRAFFIC CONTROL AND RE-OPEN SIDEWALKS.

STAGE 2 - NORTH SIDE OF 11TH STREET

PHASE 1 - STAGE 2 MAINTENANCE

- MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES.
- MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
- MAINTAIN LEFT TURN LANES AT MARTIN LUTHER KING DRIVE.

PHASE 1 - STAGE 2B CONSTRUCTION

- REMOVE CURB AND GUTTER, DRIVEWAY PAVEMENT, REMAINING SIDEWALK, AND STREET LIGHTING ON THE NORTH SIDE OF 11TH STREET AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
- ADJUST EXISTING MANHOLES, CATCH BASINS TO REMAIN, AND UTILITY STRUCTURES.
- CLEAN EXISTING DRAINAGE STRUCTURES INSTALL NEW CATCH BASINS AND STORM SEWER LATERAL.
- INSTALL CLASS C PATCHES OVER NEW SEWER LATERALS.
- INSTALL STREET LIGHTING CONDUITS AND FOUNDATIONS.
- INSTALL CURB AND GUTTER AND REMAINING SIDEWALK.
- INSTALL TREES, STREET LIGHT POLES, AND SITE FURNITURE.
- INSTALL PAVEMENT PATCHING PER IDOT DISTRICT 1 STANDARD 80-22.
- RELOCATE TRAFFIC CONTROL AND RE-OPEN SIDEWALKS.

STAGE 3 - PEDESTRIAN REFUGE ISLANDS

PHASE 1 - STAGE 3 MAINTENANCE

- MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES.
- MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
- MAINTAIN LEFT TURN LANES AT MARTIN LUTHER KING DRIVE.

STAGE 4 - HMA PAVING AND PERMANENT PAVEMENT MARKINGS

PHASE 1 - STAGE 4 MAINTENANCE

- MAINTAIN PEDESTRIAN ACCESS TO ALL ADDRESSES.
- MAINTAIN ACCESS TO ALL DRIVEWAYS.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
- MAINTAIN LEFT TURN LANES AT MARTIN LUTHER KING DRIVE.
- MAINTAIN PARKING ALONG ONE SIDE OF 11TH STREET AT A TIME.

PHASE 2 - 11TH STREET FROM VIADUCT TO COTTAGE GROVE AVENUE

PRE-STAGE 1 - STORM SEWER

PHASE 2 - PRE-STAGE 1 CONSTRUCTION

- CLEAN EXISTING DRAINAGE STRUCTURES AND TELEWISE SEWERS BENEATH FULL DEPTH PAVEMENT REMOVAL THROUGH THE 11TH STREET VIADUCT TO COTTAGE GROVE AVENUE.
- INSTALL NEW CATCH BASINS AT SELECT LOCATIONS THROUGH THE 11TH STREET VIADUCT TO COTTAGE GROVE AVENUE USING DAILY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH IDOT STANDARDS 701601 AND 701602. ALL PAVEMENT OPENINGS MUST BE COVERED WITH STEEL PLATES AT THE END OF EACH WORK DAY.

STAGE 1 - VIADUCT MEDIAN

PHASE 2 - STAGE 1 CONSTRUCTION

- MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES & PUBLIC TRANSIT.
- MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.

STAGE 2 - NORTH SIDE OF 11TH STREET

PHASE 2 - STAGE 2 CONSTRUCTION

- CLOSE PEDESTRIAN FACILITIES AND DIRECT PEDESTRIANS TO SOUTH SIDE OF 11TH STREET AT COTTAGE GROVE AVENUE AND EBERHART AVENUE.
- MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.

STAGE 3 - SOUTH SIDE OF 11TH STREET

PHASE 2 - STAGE 3 MAINTENANCE

- MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES & PUBLIC TRANSIT.
- MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.

STAGE 4 - HMA PAVING AND PERMANENT PAVEMENT MARKINGS

PHASE 2 - STAGE 4 MAINTENANCE

- MAINTAIN TEMPORARY ACCESS TO CTA FACILITIES.

PHASE 1 - STAGE 4 CONSTRUCTION

- USING DAILY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH IDOT STANDARDS 701601, 701602, AND 701701:
- REMOVE HMA PAVEMENT SURFACE.
- ADJUST/RECONSTRUCT EXISTING MANHOLES AND UTILITY STRUCTURES.
- INSTALL HMA BINDER AND SURFACE COURSE.
- PLACE PERMANENT PAVEMENT MARKINGS.
- REMOVE TRAFFIC CONTROL DEVICES.

PHASE 2 - STAGE 1 CONSTRUCTION

- INSTALL PHASE 1, STAGE 1 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS.
- REMOVE EAST AND WESTBOUND TRAVEL LANES ALONG THE CENTER OF 11TH STREET.
- INSTALL CONCRETE MEDIAN.

PHASE 2 - STAGE 2 CONSTRUCTION

- INSTALL PHASE 2, STAGE 2 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS.
- REMOVE OUTER WESTBOUND TRAVEL LANE ALONG THE NORTH SIDE OF 11TH STREET.
- REMOVE CURB AND SIDEWALK AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
- ADJUST EXISTING MANHOLES, CATCH BASINS TO REMAIN, AND UTILITY STRUCTURES.
- CLEAN EXISTING DRAINAGE STRUCTURES.
- INSTALL CURB AND SIDEWALK.
- INSTALL LIGHTING AND SITE FURNITURE.
- RELOCATE TRAFFIC CONTROL AND RE-OPEN SIDEWALKS.

PHASE 2 - STAGE 3 CONSTRUCTION

- INSTALL PHASE 2, STAGE 3 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS.
- REMOVE OUTER EASTBOUND TRAVEL LANE ALONG THE SOUTH SIDE OF 11TH STREET.
- REMOVE AND REPLACE SIDEWALK TO A MINIMUM 6' WIDTH ADJACENT TO BACK OF CURB AT LOCATIONS SHOWN IN THE PLANS FOR PEDESTRIAN TRAVEL PATH.
- REMOVE CURB AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
- CLEAN EXISTING DRAINAGE STRUCTURES.
- INSTALL CURB.
- INSTALL LIGHTING AND SITE FURNITURE.
- INSTALL PAVEMENT PATCHING PER IDOT DISTRICT 1 STANDARD 80-22.
- RELOCATE TRAFFIC CONTROL AND RE-OPEN SIDEWALKS.

PHASE 2 - STAGE 4 CONSTRUCTION

- USING DAILY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH IDOT STANDARDS 701601, 701602, AND 701701:
- REMOVE HMA PAVEMENT SURFACE.
- ADJUST/RECONSTRUCT EXISTING MANHOLES AND UTILITY STRUCTURES.
- PLACE PERMANENT PAVEMENT MARKINGS.
- REMOVE TRAFFIC CONTROL DEVICES.



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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

11TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

MAINTENANCE OF TRAFFIC - CONSTRUCTION SEQUENCE

DRAWING NO. **MOT-2**
SHEET NO. 34

SCALE: N.T.S. SECTION NO. PROJECT NO. SCA451

DATE	REVISED BY	DATE	DESCRIPTION
10/27/2023			

PHASE 3 - 1111TH STREET FROM COTTAGE GROVE AVENUE TO DOTY AVENUE/CORLISS AVENUE

PRE-STAGE 1 - STORM SEWER

PHASE 3 - PRE-STAGE 1 CONSTRUCTION

- CLEAN EXISTING DRAINAGE STRUCTURES AND TELEWISE SEWERS BENEATH FULL DEPTH PAVEMENT REMOVAL BETWEEN COTTAGE GROVE AVENUE AND WESTWIND PARKING AVENUE.
- INSTALL 18" DIA. STORM SEWERS TO LOCATIONS FROM COTTAGE GROVE AVENUE TO DOTY AVENUE/CORLISS AVENUE USING DAILY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH DOT STANDARDS 701601 AND 701602. ALL PAVEMENT OPENINGS MUST BE COVERED WITH STEEL PLATES AT THE END OF EACH WORK DAY.
- INSTALL CLASS C PATCHES OVER NEW SEWER LATERALS AND REMOVE ASSOCIATED TEMPORARY TRAFFIC CONTROL.

STAGE 1 - PEDESTRIAN REFUGE ISLANDS AT ST. LAWRENCE AVENUE

PHASE 3 - STAGE 1 MAINTENANCE

- MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES.
- MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
- MAINTAIN EXISTING PARKING ALONG WESTBOUND 1111TH STREET.

STAGE 2 - SOUTH SIDE OF 1111TH STREET

PHASE 3 - STAGE 2 MAINTENANCE

- CLOSE FORRESTVILLE AVENUE APPROACH TO 1111TH STREET.
- MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES.
- MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
- MAINTAIN EXISTING PARKING ALONG WESTBOUND 1111TH STREET STAGE 2R. RE-OPEN FORRESTVILLE AVENUE APPROACH TO 1111TH STREET AND CLOSE ST. LAWRENCE AVENUE APPROACH TO 1111TH STREET.

PHASE 3 - STAGE 1A CONSTRUCTION

- INSTALL STAGE 1 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS, REMOVE PAVEMENT IN THE MIDDLE OF 1111TH STREET AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
- ADJUST/RECONSTRUCT EXISTING MANHOLES AND UTILITY STRUCTURES.
- INSTALL PEDESTRIAN REFUGE ISLANDS AND NEW PAVEMENT UP TO BINDER COURSE.
- RELOCATE TRAFFIC CONTROL.

PHASE 3 - STAGE 2A CONSTRUCTION

- INSTALL STAGE 2 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS.
- REMOVE EASTBOUND PARKING LANE AND TRAVEL LANES ALONG THE SOUTH SIDE OF 1111TH STREET.
- REMOVE AND REPLACE SIDEWALK TO LOCATIONS SHOWN IN THE PLANS FOR PEDESTRIAN TRAVEL PATH.

PHASE 3 - STAGE 2B CONSTRUCTION

- REMOVE CURB AND GUTTER, DRIVEWAY PAVEMENT, REMAINING SIDEWALK, AND STREET LIGHTING ON THE SOUTH SIDE FROM STA. 106+20 TO STA. 111+47 AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
- INSTALL STREET LIGHTING CONDUITS AND FOUNDATIONS.
- ADJUST/RECONSTRUCT EXISTING MANHOLES AND UTILITY STRUCTURES.
- INSTALL CURB AND GUTTER, NEW PAVEMENT UP TO BINDER COURSE, AND REMAINING SIDEWALK.
- INSTALL TREES, STREET LIGHT POLES, AND SITE FURNITURE.

PHASE 3 - STAGE 2C CONSTRUCTION

- REMOVE CURB AND GUTTER, DRIVEWAY PAVEMENT, REMAINING SIDEWALK, AND STREET LIGHTING ON THE SOUTH SIDE OF 1111TH STREET FROM STA. 111+47 TO STA. 131+00 AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
- INSTALL STREET LIGHTING CONDUITS AND FOUNDATIONS.
- ADJUST/RECONSTRUCT EXISTING MANHOLES AND UTILITY STRUCTURES.
- INSTALL CURB AND GUTTER, NEW PAVEMENT UP TO BINDER COURSE, AND REMAINING SIDEWALK.
- INSTALL TREES, STREET LIGHT POLES, AND SITE FURNITURE.
- RELOCATE TRAFFIC CONTROL, RE-OPEN SIDEWALKS, AND RE-OPEN FORRESTVILLE AVENUE, ST. LAWRENCE AVENUE, CHAMPLAIN AVENUE, AND LANGLEY AVENUE.

PHASE 3 - STAGE 3 CONSTRUCTION

- INSTALL STAGE 3 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS.
- INSTALL TEMPORARY PAVEMENT AS NECESSARY TO MAINTAIN 11' MINIMUM LANE WIDTH (SEE DRAWING MOT-309) SHOWN IN THE PLANS AND TYPICAL SECTIONS FOR BINDER COURSE.
- INSTALLATION OF NORTH SIDE OF RAISED INTERSECTION, BUS PAD, AND CURB & GUTTER.
- INSTALL NORTH SIDE OF RAISED INTERSECTION, BUS PAD, CURB & GUTTER AND NEW PAVEMENT UP TO BINDER COURSE.

PHASE 3 - STAGE 4A CONSTRUCTION

- INSTALL STAGE 4 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS.
- REMOVE WESTBOUND PARKING LANE AND TRAVEL LANES ALONG THE NORTH SIDE OF 1111TH STREET.
- REMOVE AND REPLACE SIDEWALK TO A MINIMUM 5' WIDTH ADJACENT TO RIGHT-OF-WAY AT LOCATIONS SHOWN IN THE PLANS FOR PEDESTRIAN TRAVEL PATH.

PHASE 3 - STAGE 4B CONSTRUCTION

- REMOVE CURB AND GUTTER, DRIVEWAY PAVEMENT, REMAINING SIDEWALK, AND STREET LIGHTING ON THE NORTH SIDE OF 1111TH STREET AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
- INSTALL STREET LIGHTING CONDUITS AND FOUNDATIONS.
- ADJUST/RECONSTRUCT EXISTING MANHOLES AND UTILITY STRUCTURES.
- INSTALL CURB AND GUTTER, NEW PAVEMENT UP TO BINDER COURSE, AND REMAINING SIDEWALK.
- INSTALL TREES, STREET LIGHT POLES, AND SITE FURNITURE.
- RELOCATE TRAFFIC CONTROL AND RE-OPEN SIDEWALKS.

STAGE 3 - CENTER OF 1111TH STREET

PHASE 3 - STAGE 3 MAINTENANCE

- INSTALL TEMPORARY PAVEMENT ON NORTH SIDE OF 1111TH STREET.
- MAINTAIN PEDESTRIAN ACCESS TO ALL ADDRESSES.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
- RESTRICT LEFT-TURNS FROM ST. LAWRENCE AVENUE TO 1111TH STREET.

STAGE 4 - NORTH SIDE OF 1111TH STREET

PHASE 3 - STAGE 4 MAINTENANCE

- MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES.
- MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.

STAGE 5 - CENTER OF 1111TH STREET

PHASE 3 - STAGE 5 MAINTENANCE

- MAINTAIN PEDESTRIAN ACCESS TO ALL ADDRESSES.
- MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.

PHASE 3 - STAGE 5 CONSTRUCTION

- INSTALL STAGE 5 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS.
- REMOVE PAVEMENT IN THE MIDDLE OF 1111TH STREET AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
- INSTALL PEDESTRIAN REFUGE ISLAND AND FULL-DEPTH PAVEMENT.
- RELOCATE TRAFFIC CONTROL AND RE-OPEN CROSSING.


STAGE 6 - HMA PAVING AND PERMANENT PAVEMENT MARKINGS

PHASE 3 - STAGE 6 MAINTENANCE

- MAINTAIN PEDESTRIAN ACCESS TO ALL ADDRESSES.
- MAINTAIN ACCESS TO ALL DRIVEWAYS.
- MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.

PHASE 3 - STAGE 6 CONSTRUCTION

- USING DAILY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH IDOT STANDARDS 701601, 701602, AND 701701:
- REMOVE HMA PAVEMENT SURFACE PER PLANS.
 - REMOVE EXISTING TRAFFIC CONTROL DEVICES AND UTILITY STRUCTURES.
 - INSTALL HMA BINDER AND SURFACE COURSE.
 - PLACE PERMANENT PAVEMENT MARKINGS.
 - REMOVE TRAFFIC CONTROL DEVICES.

DRAWN: CURB	DATE	REVISION BY	DATE	DESCRIPTION
CHECKED: BIB				
APPROVED: MIF				
DATE: 10/27/2023				
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CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
			SCALE: INT.S.	SECTION NO.
			PROJECT NO. 540450	DRAWING NO. MOT-3
			SHEET NO. 35	SHEET NO. 35

PHASE 4 - COTTAGE GROVE AVENUE

PRE-STAGE 1 - STORM SEWER

PHASE 3 - PRE-STAGE 1 CONSTRUCTION

1. CLEAN EXISTING DRAINAGE STRUCTURES AND TELVISE SEWERS BENEATH FULL DEPTH PAVEMENT REMOVAL BETWEEN 111TH STREET AND 108TH STREET.
2. INSTALL NEW CATCH BASINS AND STORM SEWER LATERALS AT SELECT LOCATIONS FROM 111TH STREET TO 108TH STREET USING DAILY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH IDOT STANDARDS 701601 AND 701602. ALL PAVEMENT OPENINGS MUST BE COVERED WITH STEEL PLATES AT THE END OF EACH WORK DAY.
3. INSTALL CLASS C PATCHES OVER NEW SEWER LATERALS AND REMOVE ASSOCIATED TEMPORARY TRAFFIC CONTROL.

STAGE 1 - WEST SIDE OF COTTAGE GROVE AVENUE

PHASE 4 - STAGE 1 MAINTENANCE

1. MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES.
2. MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
3. MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
4. MAINTAIN LEFT TURN LANES AT 111TH STREET.

PHASE 4 - STAGE 1 CONSTRUCTION

1. INSTALL PHASE 3, STAGE 1 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS.
2. REMOVE SOUTHBOUND BIKE LANE AND TRAVEL LANES ALONG THE WEST SIDE OF COTTAGE GROVE AVENUE.
3. REMOVE CURB AND GUTTER, DRIVEWAY PAVEMENT, REMAINING SIDEWALK, AND STREET LIGHTING ON THE WEST SIDE OF COTTAGE GROVE AVENUE AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
4. ADJUST EXISTING MANHOLES, CATCH BASINS TO REMAIN, AND UTILITY STRUCTURES, STORM SEWER LATERAL.
5. CLEAN EXISTING DRAINAGE STRUCTURES INSTALL NEW CATCH BASINS AND STORM SEWER LATERAL.
6. INSTALL CLASS C PATCHES OVER NEW SEWER LATERALS.
7. INSTALL STREET LIGHTING CONDUITS AND FOUNDATIONS.
8. INSTALL CURB AND GUTTER AND SIDEWALK.
9. INSTALL TREES, STREET LIGHT POLES, AND SITE FURNITURE.
10. INSTALL PAVEMENT PATCHING PER IDOT DISTRICT 1 STANDARD BD-22.
11. RELOCATE TRAFFIC CONTROL AND RE-OPEN SIDEWALKS.

STAGE 2 - EAST SIDE OF COTTAGE GROVE AVENUE

PHASE 4 - STAGE 2 MAINTENANCE

1. MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES.
2. MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
3. MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
4. MAINTAIN LEFT TURN LANE AT 111TH STREET.

PHASE 4 - STAGE 2A CONSTRUCTION

1. INSTALL PHASE 3, STAGE 2 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS.
2. REMOVE NORTHBOUND PARKING LANE AND TRAVEL LANES ALONG THE EAST SIDE OF COTTAGE GROVE AVENUE.
3. REMOVE AND REPLACE SIDEWALK TO A MINIMUM 6' WIDTH ADJACENT TO BUILDING FACE, RIGHT-OF-WAY AT LOCATIONS SHOWN IN THE PLANS FOR PEDESTRIAN TRAVEL PATH.

PHASE 4 - STAGE 2B CONSTRUCTION

1. REMOVE CURB AND GUTTER, DRIVEWAY PAVEMENT, REMAINING SIDEWALK, AND STREET LIGHTING ON THE EAST SIDE OF COTTAGE GROVE AVENUE AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
2. ADJUST EXISTING MANHOLES, CATCH BASINS TO REMAIN, AND UTILITY STRUCTURES.
3. CLEAN EXISTING DRAINAGE STRUCTURES INSTALL NEW CATCH BASINS AND STORM SEWER LATERAL.
4. INSTALL CLASS C PATCHES OVER NEW SEWER LATERALS.
5. INSTALL STREET LIGHTING CONDUITS AND FOUNDATIONS.
6. INSTALL CURB AND GUTTER AND REMAINING SIDEWALK.
7. INSTALL TREES, STREET LIGHT POLES, AND SITE FURNITURE.
8. INSTALL PAVEMENT PATCHING PER IDOT DISTRICT 1 STANDARD BD-22.
9. RELOCATE TRAFFIC CONTROL AND RE-OPEN SIDEWALKS.

STAGE 3 - BUS PADS (EAST SIDE)

PHASE 4 - STAGE 3 MAINTENANCE

1. ESTABLISH NORTHBOUND DETOUR FOR COTTAGE GROVE AVE.
2. MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES.
3. MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
4. MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
5. MAINTAIN LEFT TURN LANES AT 111TH STREET.

PHASE 4 - STAGE 3 CONSTRUCTION

1. INSTALL PHASE 3, STAGE 3 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS.
2. REMOVE PAVEMENT ALONG EAST SIDE OF COTTAGE GROVE AVENUE
3. INSTALL BUS PADS
4. RELOCATE TRAFFIC CONTROL

STAGE 4 - BIKE MEDIANS - COTTAGE GROVE AVENUE

PHASE 4 - STAGE 4 MAINTENANCE

1. ESTABLISH NORTHBOUND DETOUR FOR COTTAGE GROVE AVE.
2. MAINTAIN TEMPORARY PEDESTRIAN ACCESS TO ALL ADDRESSES.
3. MAINTAIN TEMPORARY ACCESS TO ALL DRIVEWAYS.
4. MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
5. MAINTAIN LEFT TURN LANES AT 111TH STREET.

PHASE 4 - STAGE 4 CONSTRUCTION

1. INSTALL PHASE 3, STAGE 4 TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS.
2. REMOVE PAVEMENT ALONG WEST SIDE OF COTTAGE GROVE AVENUE FOR BIKE MEDIANS AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
3. INSTALL BIKE MEDIANS.
4. RELOCATE TRAFFIC CONTROL.

STAGE 5 - HMA PAVING AND PERMANENT PAVEMENT MARKINGS

PHASE 4 - STAGE 5 MAINTENANCE

1. MAINTAIN PEDESTRIAN ACCESS TO ALL ADDRESSES.
2. MAINTAIN ACCESS TO ALL DRIVEWAYS.
3. MAINTAIN TEMPORARY ACCESS TO ALL SIDE STREETS.
4. MAINTAIN LEFT TURN LANE AT 111TH STREET.

PHASE 4 - STAGE 5 CONSTRUCTION

- USING DAILY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH IDOT STANDARDS 701601, 701602, AND 701701:
1. REMOVE HMA PAVEMENT SURFACE.
 2. ADJUST/RECONSTRUCT EXISTING MANHOLES AND UTILITY STRUCTURES.
 3. INSTALL HMA BINDER AND SURFACE COURSE.

DRAWN:	CHB								
CHECKED:	BIB								
APPROVED:	MIF								
DATE:	10/27/23	REVISED BY:	DATE:						

DESCRIPTION



30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602
Tel: 312.726.8910 • Fax: 312.726.8911
www.civiltech.com

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT**

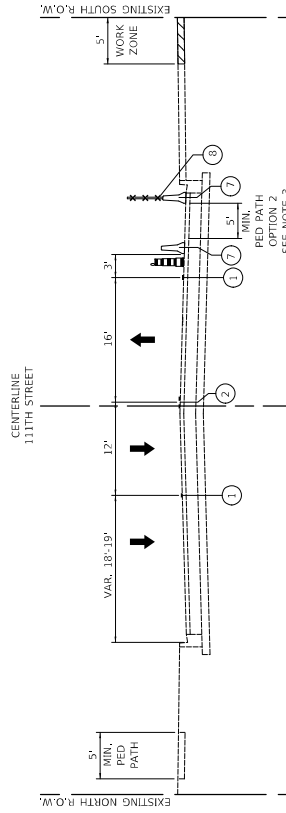
**111TH STREET AND
COTTAGE GROVE AVENUE
IMPROVEMENTS**

MAINTENANCE OF TRAFFIC - CONSTRUCTION SEQUENCE

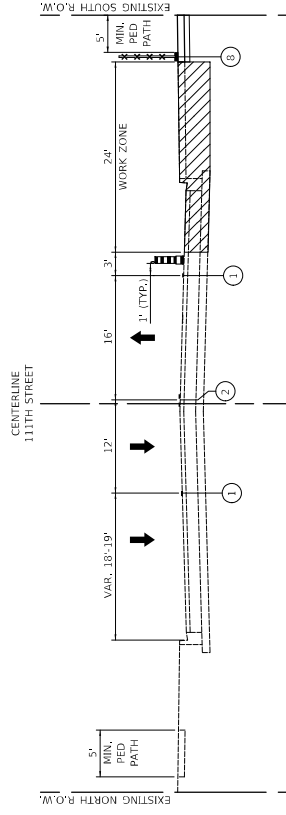
DRAWING NO.
MOT-4
SHEET NO.
36

SECTION NO.
PROJECT NO. 540451

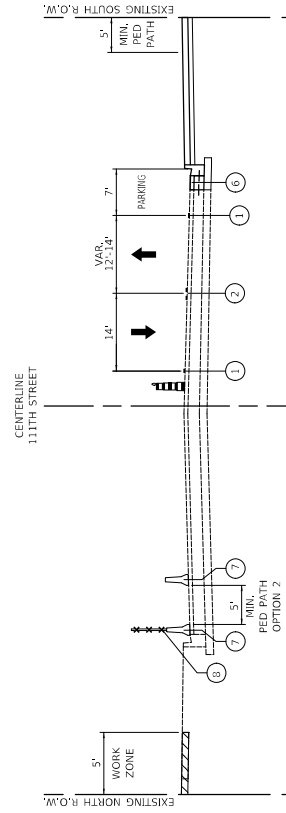
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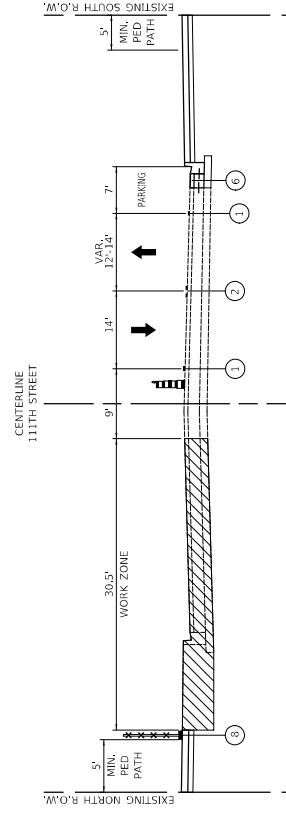
PHASE 1, STAGE 1A



PHASE 1, STAGE 1B



PHASE 1, STAGE 2A



PHASE 1, STAGE 2B

LEGEND

- 1 PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE EDGE LINE)
 - 2 PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE YELLOW CENTER LINE)
 - 3 PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE SKIP DASH LINE)
 - 4 PAVEMENT MARKING TAPE, TYPE IV 4" (YELLOW EDGE LINE)
 - 5 PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE LANE LINE)
 - 6 TEMPORARY LEVELING BINDER, SEE NOTE 2
 - 7 DETECTABLE PEDESTRIAN CHANNELIZING BARRIAGE
 - 8 CONSTRUCTION FENCE
 - 9 TEMPORARY CONCRETE BARRIER
- WORK ZONE

NOTES:
 1. SEE SHEETS 34 - 36 FOR DESCRIPTION OF WORK FOR EACH CONSTRUCTION STAGE.
 2. TEMPORARY LEVELING BINDER TO BE PLACED AT THE DIRECTION OF THE ENGINEER, ADJACENT TO DRAINAGE STRUCTURES TO MAINTAIN SURFACE WATER RUNOFF, AND ADJACENT TO THE EXPOSED EDGE OF NEW CURB AND GUTTER, AND BUS PADS FOR PROTECTION OF THE CONCRETE LIP. TEMPORARY LEVELING BINDER SHALL BE REMOVED PRIOR TO PLACING FINAL HMA SURFACE COURSE. PLACEMENT AND REMOVAL OF TEMPORARY LEVELING BINDER SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
 3. WHERE A MINIMUM 5' WIDE PEDESTRIAN PATH CAN BE MAINTAINED ON CONCRETE PARKWAY WHEN NO OBSTRUCTIONS ARE PRESENT, USE OPTION 1. WHERE GRASS PARKWAY OR OTHER PARKWAY OBSTRUCTIONS BLOCK THE PEDESTRIAN PATH, USE OPTION 2 TO PROVIDE A 5' WIDE PEDESTRIAN PATH ON THE ROADWAY SEPARATED IN ACCORDANCE WITH IDOT STANDARD 701801.

DRAWN:	CUB		
CHECKED:	BIB		
APPROVED:	MIF		
DATE:	10/27/2023	REVISY BY:	

DESCRIPTION:	
DATE:	

30 N. LaSalle St. Suite 2220 - Chicago, Illinois 60602
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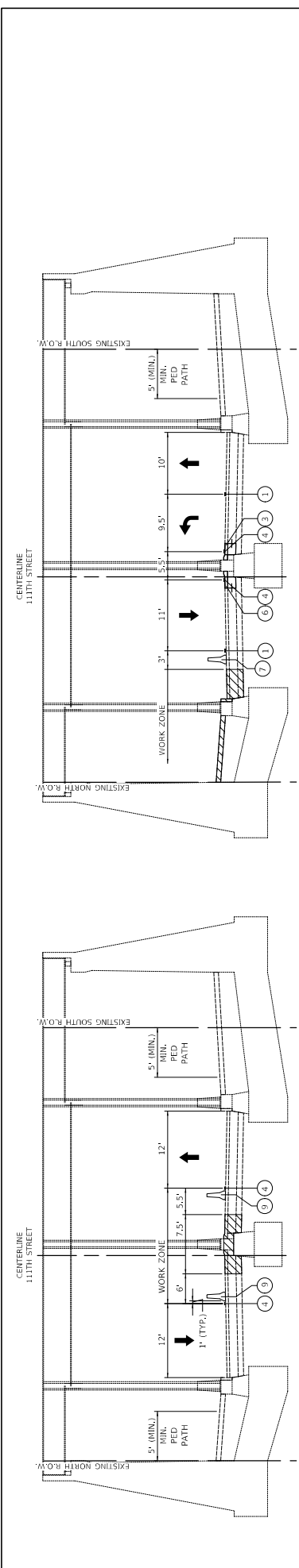


**CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
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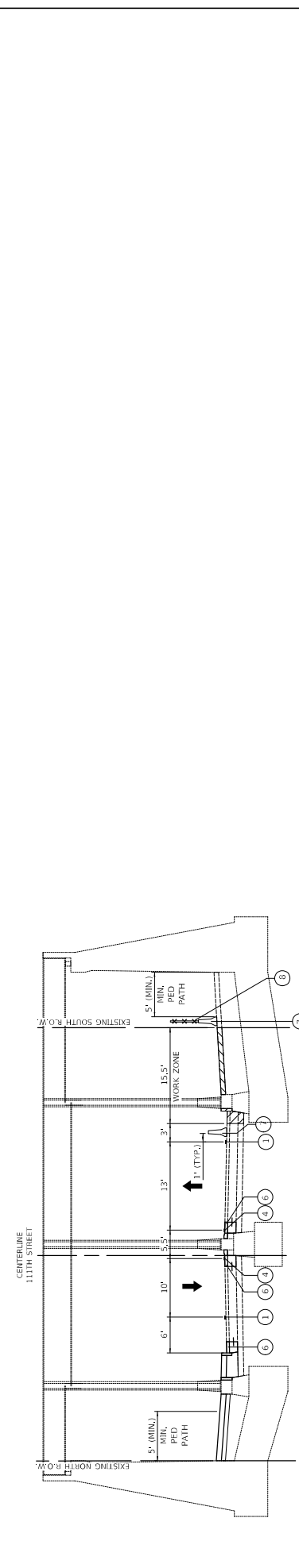
**111TH STREET AND
 COTTAGE GROVE AVENUE
 IMPROVEMENTS**

MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS

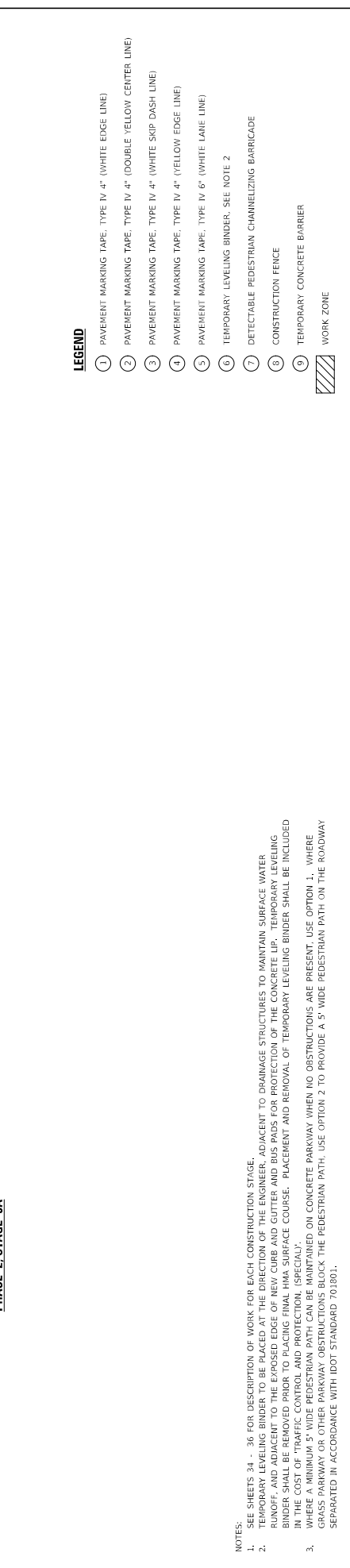
DRAWING NO:
MOT-5
 SHEET NO:
 37



PHASE 2, STAGE 1



PHASE 2, STAGE 2



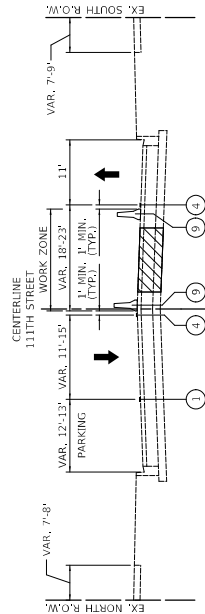
PHASE 2, STAGE 3A

- NOTES:**
- SEE SHEETS 34 - 36 FOR DESCRIPTION OF WORK FOR EACH CONSTRUCTION STAGE.
 - TEMPORARY LEVELING BINDER TO BE PLACED AT THE DIRECTION OF THE ENGINEER, ADJACENT TO DRAINAGE STRUCTURES TO MAINTAIN SURFACE WATER RUNOFF, AND ADJACENT TO THE EXPOSED EDGE OF NEW CURB AND GUTTER AND BUS PADS FOR PROTECTION OF THE CONCRETE LIP. TEMPORARY LEVELING BINDER SHALL BE REMOVED PRIOR TO PLACING FINAL HMA SURFACE COURSE. PLACEMENT AND REMOVAL OF TEMPORARY LEVELING BINDER SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
 - WHERE A MINIMUM 5' WIDE PEDESTRIAN PATH CAN BE MAINTAINED ON CONCRETE PARKWAY WHEN NO OBSTRUCTIONS ARE PRESENT, USE OPTION 1. WHERE GRASS PARKWAY OR OTHER PARKWAY OBSTRUCTIONS BLOCK THE PEDESTRIAN PATH, USE OPTION 2 TO PROVIDE A 5' WIDE PEDESTRIAN PATH ON THE ROADWAY SEPARATED IN ACCORDANCE WITH IDOT STANDARD 7013001.

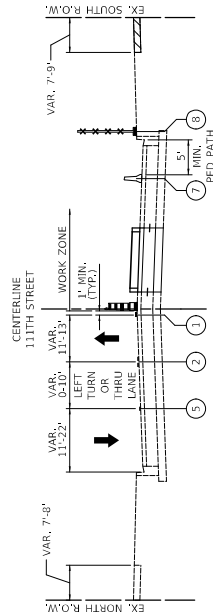
LEGEND

- PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE EDGE LINE)
- PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE YELLOW CENTER LINE)
- PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE SKIP DASH LINE)
- PAVEMENT MARKING TAPE, TYPE IV 4" (YELLOW EDGE LINE)
- PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE LANE LINE)
- TEMPORARY LEVELING BINDER, SEE NOTE 2
- DETECTABLE PEDESTRIAN CHANNELIZING BARRIAGE
- CONSTRUCTION FENCE
- TEMPORARY CONCRETE BARRIER
- WORK ZONE

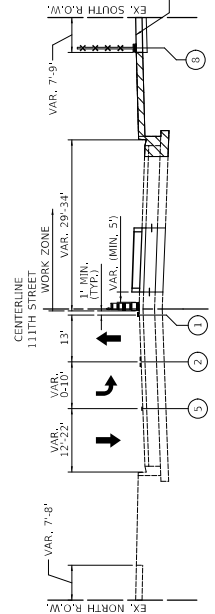
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CHECKED: B/B	APPROVED: M/F	DATE: 10/27/2023	REVISION:	CIVILTECH 30 N. LaSalle St., Suite 2220 - Chicago, Illinois 60602 Tel: 312.726.8910 - Fax: 312.726.8571 www.civiltech.com	SECTION NO.	PROJECT NO. 540451	SHEET NO. 38



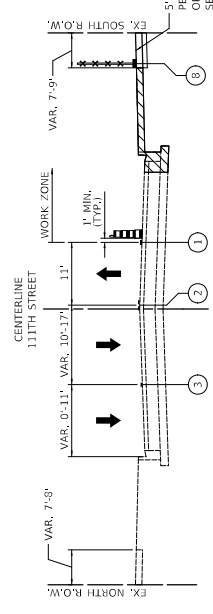
PHASE 3, STAGE 1A
STA. 108+76 TO STA. 111+52



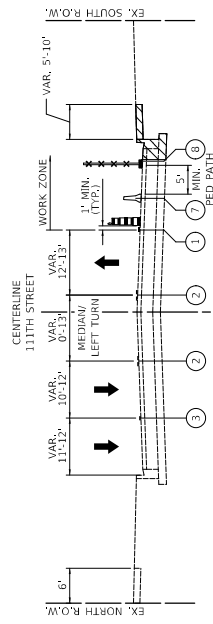
PHASE 3, STAGE 2A
STA. 106+20 TO STA. 119+00
(CONCRETE MEDIAN PRESENT FROM STA. 108+82 TO STA. 111+47)



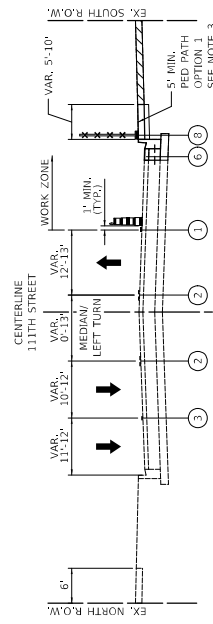
PHASE 3, STAGE 2B
STA. 106+20 TO STA. 111+47
(BEGIN CONCRETE MEDIAN - STA. 108+82)



PHASE 3, STAGE 2C
STA. 111+47 TO STA. 119+00



PHASE 3, STAGE 2A
STA. 119+00 TO STA. 131+00



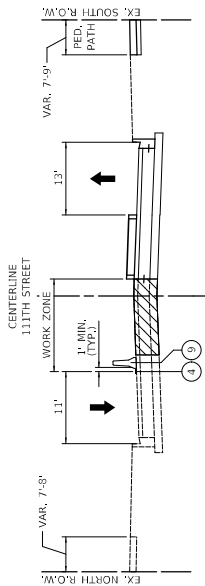
PHASE 3, STAGE 2C
STA. 119+00 TO STA. 131+00

- NOTES:**
- SEE SHEETS 34 - 36 FOR DESCRIPTION OF WORK FOR EACH CONSTRUCTION STAGE.
 - TEMPORARY LEVELING BINDER TO BE PLACED AT THE DIRECTION OF THE ENGINEER, ADJACENT TO DRAINAGE STRUCTURES TO MAINTAIN SURFACE WATER RUNOFF, AND ADJACENT TO THE EXPOSED EDGE OF NEW CURB AND GUTTER AND BUS PADS FOR PROTECTION OF THE CONCRETE LIP. TEMPORARY LEVELING BINDER SHALL BE REMOVED PRIOR TO PLACING FINAL HMA SURFACE COURSE. PLACEMENT AND REMOVAL OF TEMPORARY LEVELING BINDER SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIALLY TRAINED PERSONNEL) WHOSE DUTY IS TO BE DETERMINED BY THE CONTRACTOR. CONSTRUCTION OF THE BINDER SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701801.
 - WHERE GRASS PARKWAY OR OTHER PARKWAY OBSTRUCTIONS BLOCK THE PEDESTRIAN PATH, USE OPTION 2 TO PROVIDE A 5' WIDE PEDESTRIAN PATH ON THE ROADWAY SEPARATED IN ACCORDANCE WITH IDOT STANDARD 701801.

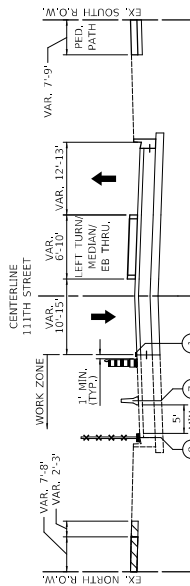
LEGEND

- PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE EDGE LINE)
- PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE YELLOW CENTER LINE)
- PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE SKIP DASH LINE)
- PAVEMENT MARKING TAPE, TYPE IV 4" (YELLOW EDGE LINE)
- PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE LAINE LINE)
- TEMPORARY LEVELING BINDER, SEE NOTE 2
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
- CONSTRUCTION FENCE
- TEMPORARY CONCRETE BARRIER
- WORK ZONE

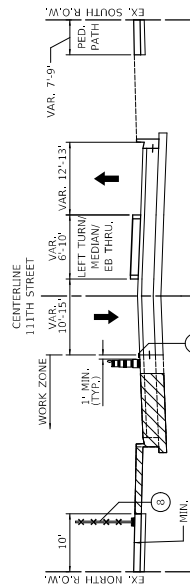
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CHECKED: B/B	APPROVED: M/F	DATE: 10/27/2023	REVISY BY:	SCALE: N.T.S.	SHEET NO. 39
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS		
30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602 Tel: 312.259.8900 - Fax: 312.726.8571 www.chicago.gov			MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS		



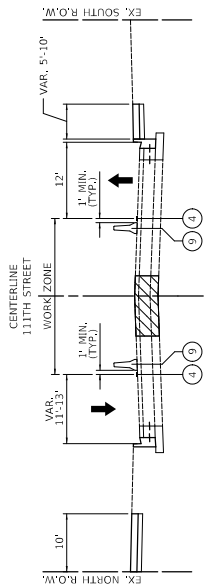
PHASE 3, STAGE 3
 STA. 111+47 TO STA. 119+00
 (CONCRETE MEDIAN PRESENT FROM STA. 108+82 TO STA. 111+52)



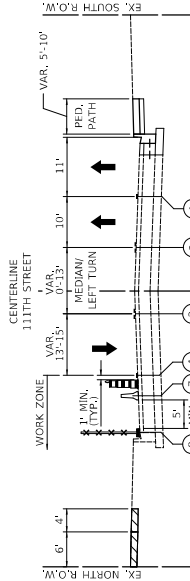
PHASE 3, STAGE 4A
 STA. 106+20 TO STA. 119+00
 (CONCRETE MEDIAN PRESENT FROM STA. 108+82 TO STA. 111+52)



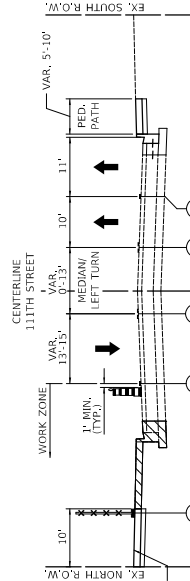
PHASE 3, STAGE 4B
 STA. 106+20 TO STA. 119+00
 (CONCRETE MEDIAN PRESENT FROM STA. 108+82 TO STA. 111+52)



PHASE 3, STAGE 5
 STA. 125+88 TO STA. 126+64



PHASE 3, STAGE 4A
 STA. 119+00 TO STA. 131+00



PHASE 3, STAGE 4B
 STA. 119+00 TO STA. 131+00

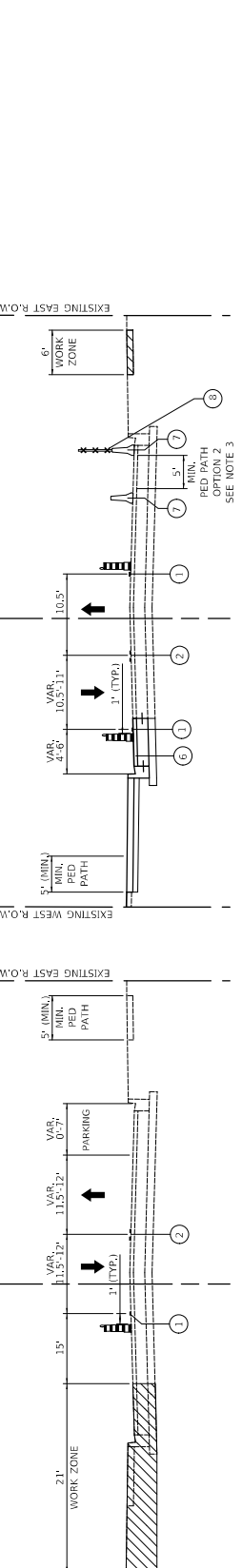
- NOTES:**
- SEE SHEETS 34 - 36 FOR DESCRIPTION OF WORK FOR EACH CONSTRUCTION STAGE.
 - TEMPORARY LEVELING BINDER TO BE PLACED AT THE DIRECTION OF THE ENGINEER, ADJACENT TO DRAINAGE STRUCTURES TO MAINTAIN SURFACE WATER RUNOFF, AND ADJACENT TO THE EXPOSED EDGE OF NEW CURB AND GUTTER AND BUS PADS FOR PROTECTION OF THE CONCRETE LIP. TEMPORARY LEVELING BINDER SHALL BE REMOVED PRIOR TO PLACING FINAL HMA SURFACE COURSE. PLACEMENT AND REMOVAL OF TEMPORARY LEVELING BINDER SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIALTY OPERATIONS) WHERE APPROPRIATE. NO OBSTRUCTIONS ARE PERMITTED ON CONCRETE PARKWAY WHEN NO OBSTRUCTIONS ARE PRESENT. USE OPTION 1. WHERE GRASS PARKWAY OR OTHER PARKWAY OBSTRUCTIONS BLOCK THE PEDESTRIAN PATH, USE OPTION 2 TO PROVIDE A 5'-WIDE PEDESTRIAN PATH ON THE ROADWAY SEPARATED IN ACCORDANCE WITH IDOT STANDARD 701801.

LEGEND

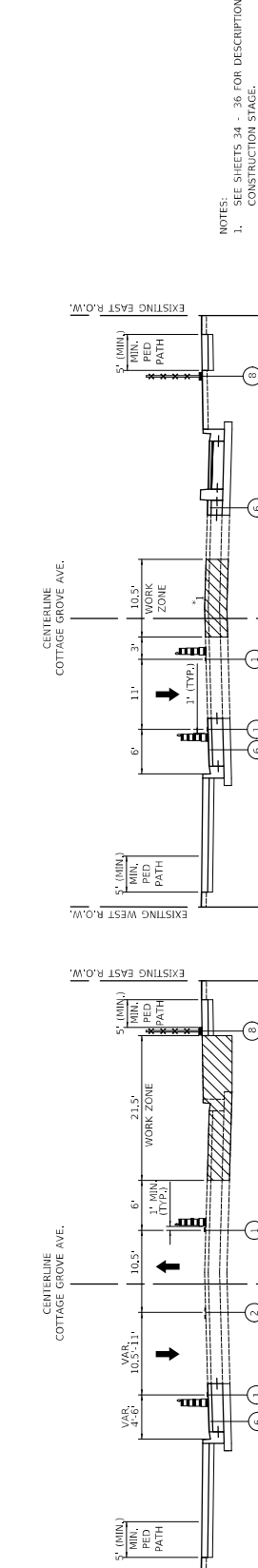
- PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE EDGE LINE)
- PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE YELLOW CENTER LINE)
- PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE SKIP DASH LINE)
- PAVEMENT MARKING TAPE, TYPE IV 4" (YELLOW EDGE LINE)
- PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE LANE LINE)
- TEMPORARY LEVELING BINDER, SEE NOTE 2
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
- CONSTRUCTION FENCE
- TEMPORARY CONCRETE BARRIER
- WORK ZONE

DRAWN: CUB	DESCRIPTION:	SECTION NO.:	PROJECT NO. S-451	DRAWING NO.
CHECKED: BJB				MOT-8
APPROVED: MIF				SHEET NO.
DATE: 10/27/2023				40
				SCALE: N.T.S.
				MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS
				111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
				CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT
				30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.chicago.gov
				CIVILTECH

PHASE 4, STAGE 1



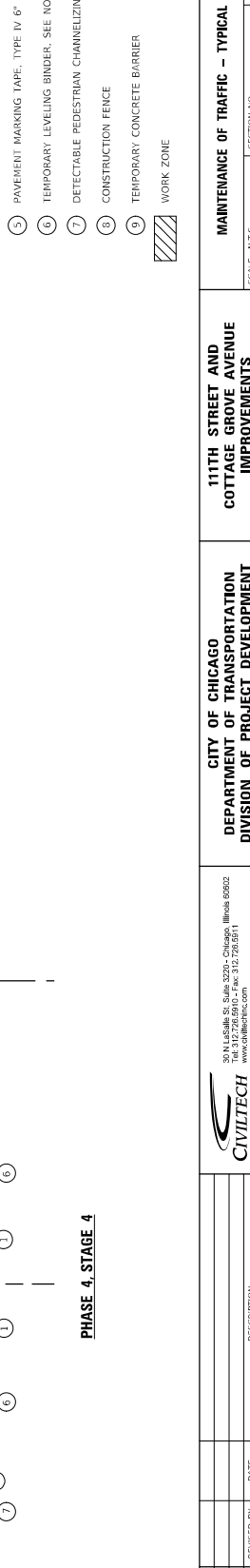
PHASE 4, STAGE 2A



PHASE 4, STAGE 2B



PHASE 4, STAGE 4



- NOTES:**
- SEE SHEETS 34 - 36 FOR DESCRIPTION OF WORK FOR EACH CONSTRUCTION STAGE.
 - TEMPORARY LEVELING BINDER TO BE PLACED AT THE DIRECTION OF THE ENGINEER, ADJACENT TO DRAINAGE STRUCTURES TO MAINTAIN SURFACE WATER RUNOFF, AND ADJACENT TO THE EXPOSED EDGE OF NEW CURB AND GUTTER AND BUS PADS FOR PROTECTION OF THE CONCRETE LIP. TEMPORARY LEVELING BINDER SHALL BE REMOVED PRIOR TO PLACING FINAL HMA SURFACE COURSE. PLACEMENT AND REMOVAL OF TEMPORARY LEVELING BINDER SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIALTY) MAINTAINED ON THE PROJECT.
 - WHEREVER PARKWAY OR OTHER PARKWAY CONSTRUCTIONS ARE PRESENT, USE OPTION 1. WHERE GRASS PARKWAY OR OTHER PARKWAY CONSTRUCTIONS BLOCK THE PEDESTRIAN PATH, USE OPTION 2 TO PROVIDE A 5' WIDE PEDESTRIAN PATH ON THE ROADWAY SEPARATED IN ACCORDANCE WITH IDOT STANDARD 701801.







- LEGEND**
- PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE EDGE LINE)
 - PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE YELLOW CENTER LINE)
 - PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE SKIP DASH LINE)
 - PAVEMENT MARKING TAPE, TYPE IV 4" (YELLOW EDGE LINE)
 - PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE LANE LINE)
 - TEMPORARY LEVELING BINDER, SEE NOTE 2
 - DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
 - CONSTRUCTION FENCE
 - TEMPORARY CONCRETE BARRIER
 - WORK ZONE

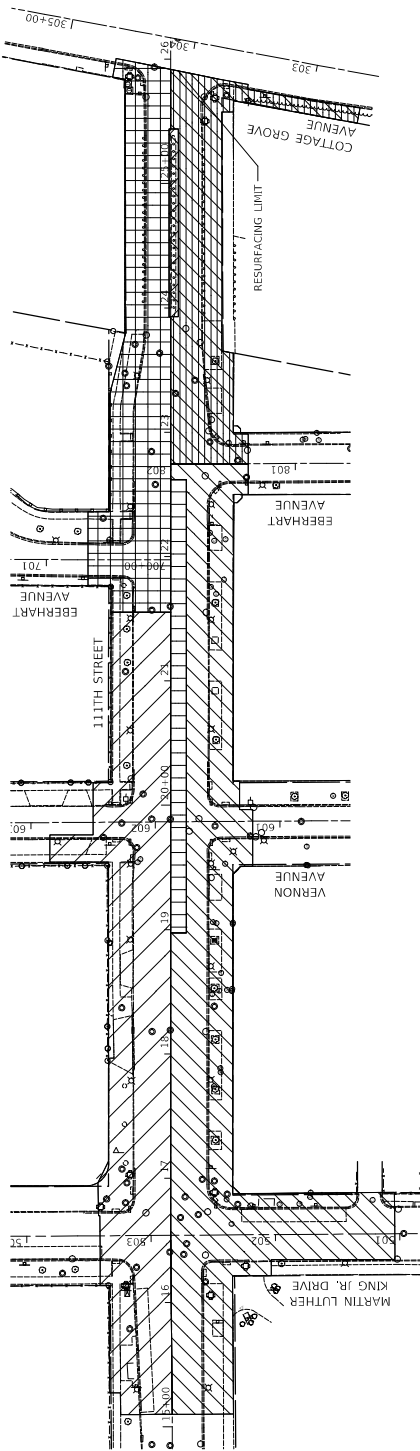
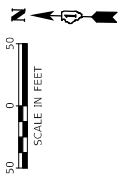
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DATE: 10/27/2023	DATE:	REVISIONS:	DESCRIPTION:
30 N. LaSalle St. Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.8916 - Fax: 312.726.8911 www.civiltech.com			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS		SECTION NO.	
DRAWING NO. MOT-9		PROJECT NO. S-0450	
SHEET NO. 41		SCALE: N.T.S.	

NOTES

1. FOR A DETAILED SEQUENCE OF CONSTRUCTION AND STAGE CONSTRUCTION MAINTENANCE REQUIREMENTS, SEE DRAWING MOT-2
2. FOR STAGE CONSTRUCTION TYPICAL SECTIONS, SEE DRAWINGS MOT-5 AND MOT-6
3. FOR LANE CONFIGURATIONS AND DIMENSIONS FOR PHASE 1 STAGES, SEE DRAWINGS MOT-13 THROUGH MOT-15
4. FOR LANE CONFIGURATIONS AND DIMENSIONS FOR PHASE 2 STAGES, SEE DRAWINGS MOT-16 THROUGH MOT-18

LEGEND

- | | |
|--|------------------------------|
|  | PHASE 1, STAGE 1, SEE MOT-13 |
|  | PHASE 1, STAGE 2, SEE MOT-14 |
|  | PHASE 1, STAGE 3, SEE MOT-15 |
|  | PHASE 2, STAGE 1, SEE MOT-16 |
|  | PHASE 2, STAGE 2, SEE MOT-17 |
|  | PHASE 2, STAGE 3, SEE MOT-18 |








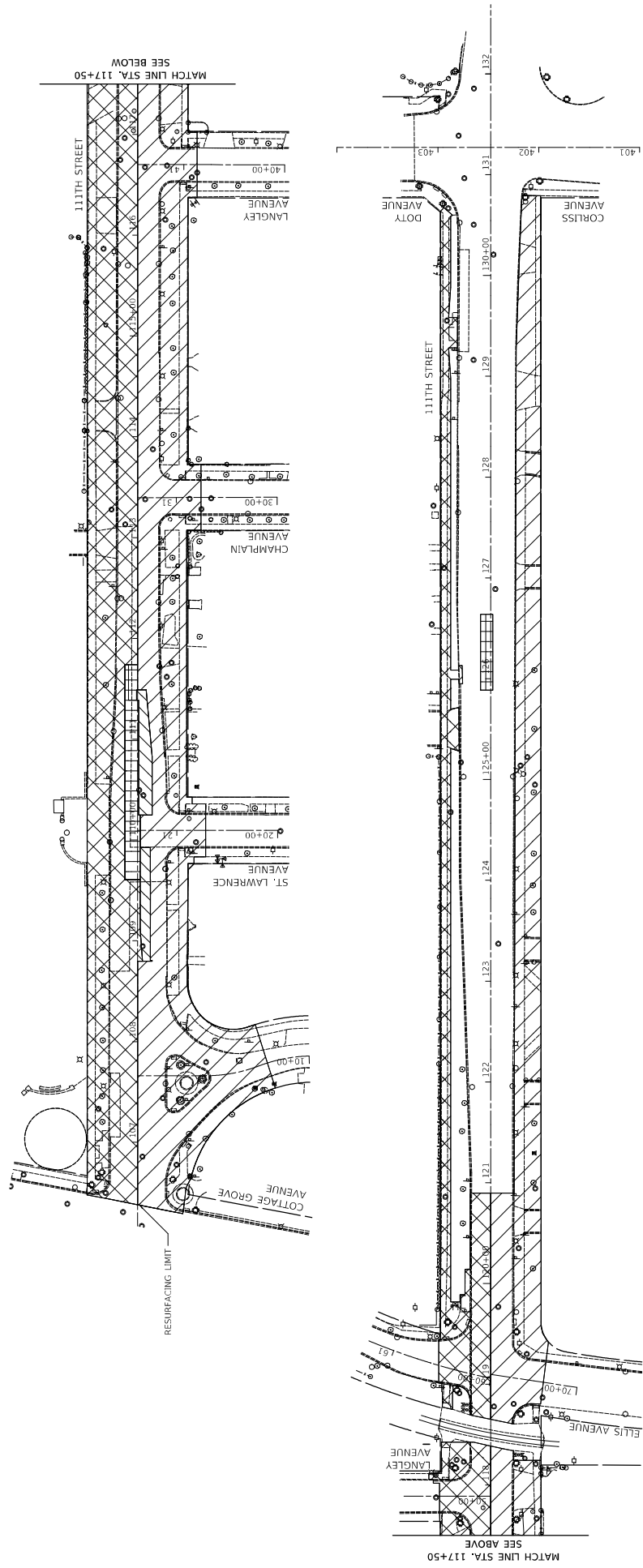
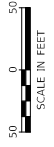
DRAWING NO. MOT-10		PROJECT NO. 540451	
SHEET NO. 42		SECTION NO.	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St. Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.chicagotransit.com		SCALE: 1" = 50'	
DRAWN: CUB	CHECKED: BJB	APPROVED: MIF	DATE: 10/27/02
REVISION BY	DATE	DESCRIPTION	


NOTES

1. FOR A DETAILED SEQUENCE OF CONSTRUCTION AND STAGE CONSTRUCTION MAINTENANCE REQUIREMENTS, SEE DRAWING MOT-3
2. FOR STAGE CONSTRUCTION TYPICAL SECTIONS, SEE DRAWINGS MOT-7 AND MOT-8
3. FOR LANE CONFIGURATIONS AND DIMENSIONS FOR ALL INDIVIDUAL STAGES, SEE DRAWINGS MOT-19 THROUGH MOT-23
4. FOR STAGE 2 DETOUR PLAN, SEE DRAWING MOT-28

LEGEND

- | | |
|--|------------------------------|
|  | PHASE 3, STAGE 1, SEE MOT-19 |
|  | PHASE 3, STAGE 4, SEE MOT-22 |
|  | PHASE 3, STAGE 2, SEE MOT-20 |
|  | PHASE 3, STAGE 5, SEE MOT-23 |
|  | PHASE 3, STAGE 3, SEE MOT-21 |



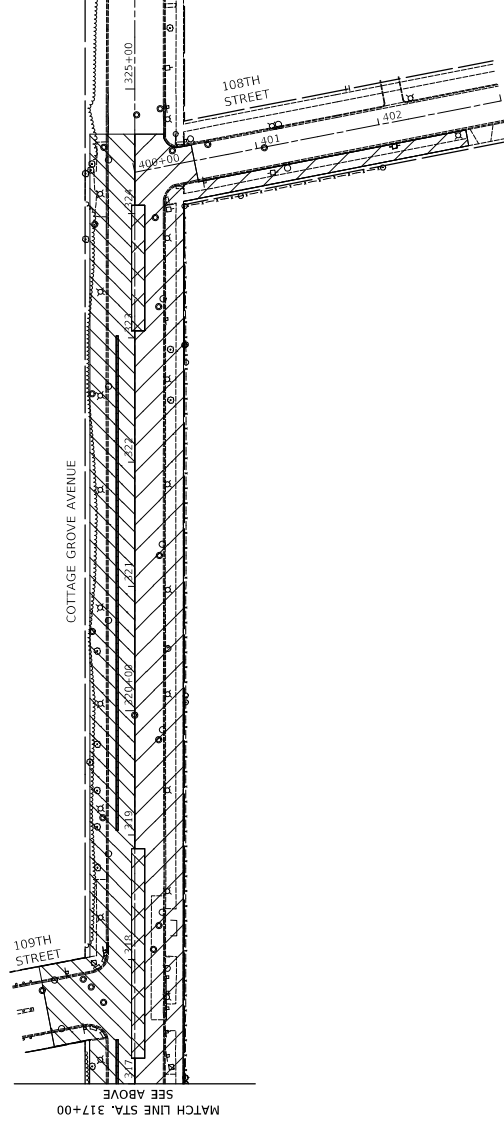
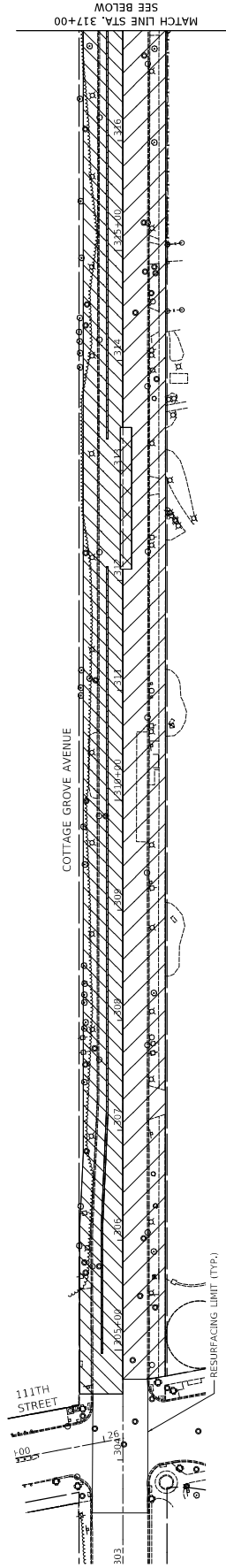
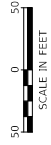
DRAWING NO. MOT-41	DRAWING NO. MOT-41
SHEET NO. 43	SHEET NO. 43
PROJECT NO. 545451	SECTION NO.
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
30 N. LaSalle St. Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.chicagotransit.com	SCALE: 1" = 50'
	
DRAWN: CHB	DESCRIPTION:
CHECKED: BJB	DATE:
APPROVED: MIF	REVISED BY:
DATE: 10/27/2023	

NOTES

1. FOR A DETAILED SEQUENCE OF CONSTRUCTION AND STAGE CONSTRUCTION MAINTENANCE REQUIREMENTS, SEE DRAWING MOT-4
2. FOR STAGE CONSTRUCTION TYPICAL SECTIONS, SEE DRAWING MOT-9
3. FOR LANE CONFIGURATIONS AND DIMENSIONS FOR ALL INDIVIDUAL STAGES, SEE DRAWINGS MOT-24 THROUGH MOT-27
4. FOR STAGE 3 & 4 DETOUR PLAN, SEE DRAWINGS MOT-29 (TRAFFIC) & MOT-30 (BIKE).

LEGEND

-  PHASE 4, STAGE 1. SEE MOT-24
-  PHASE 4, STAGE 2. SEE MOT-25
-  PHASE 4, STAGE 3. SEE MOT-26
-  PHASE 4, STAGE 4. SEE MOT-27



DRAWN:	CHB
CHECKED:	BIB
APPROVED:	MJF
DATE:	10/27/2023

REVISION BY:	DATE:

DESCRIPTION:

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 30 N. LaSalle St. Suite 3220 - Chicago, Illinois 60602
 Tel: 312.726.8910 - Fax: 312.726.8571
 www.civiltech.com

**CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT**

**111TH STREET AND
 COTTAGE GROVE AVENUE
 IMPROVEMENTS**

SECTION NO. _____
 SCALE: 1" = 50'
 PROJECT NO. 540451

DRAWING NO.
MOT-12
 SHEET NO.
 44

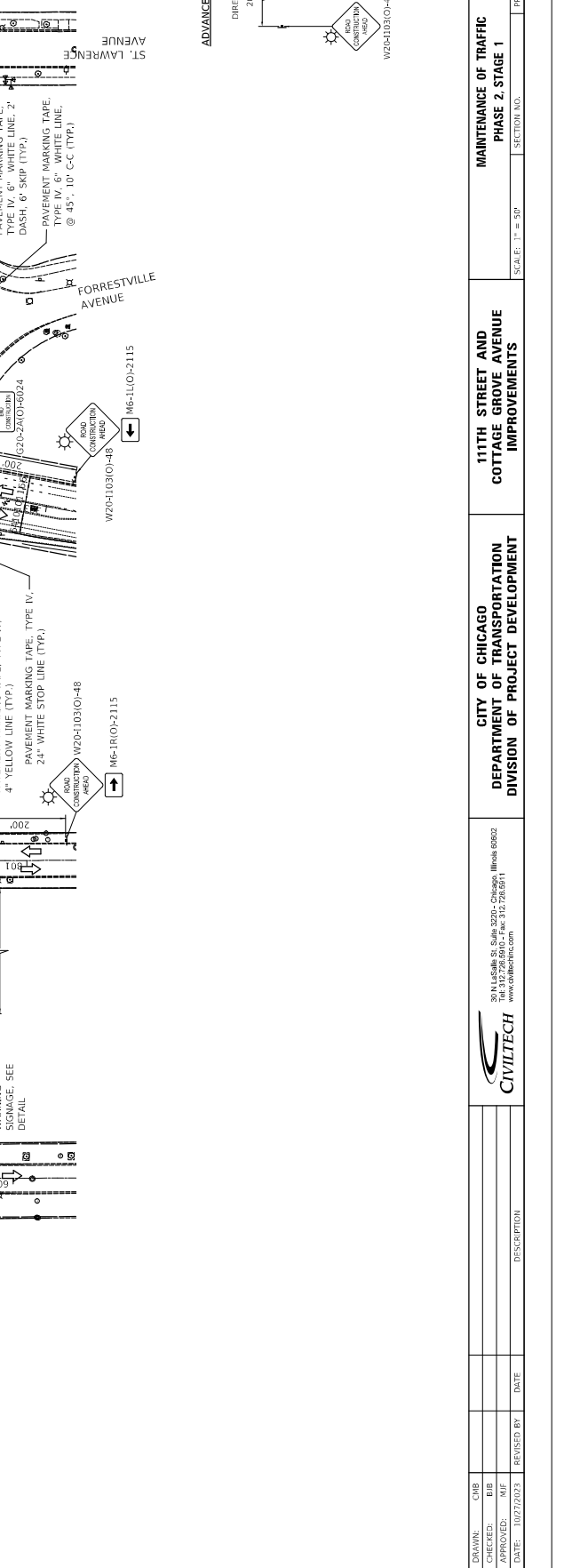
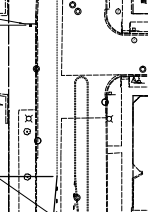
NOTES

1. SEE NOTES ON SHEET NOS. 33 - 34 - AND TYPICAL SECTIONS ON SHEET NO. 38 .
2. EXISTING PAVEMENT MARKINGS WILL BE REUSED WHERE POSSIBLE. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE LANE SHIFTS SHALL BE PAID FOR PER LINEAL FOOT AS "BLACKOUT TAPE". WITHIN LIMITS OF CONSTRUCTION, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND PAID AS "PAVEMENT MARKING REMOVAL - WATERBLASTING."
3. PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ONE WEEK PRIOR TO INSTALLATION OF TEMPORARY TRAFFIC CONTROL. PHASE 1 MESSAGE "NEW TRAFFIC PATTERN" AND PHASE 2 "STARTS XXXXXXXX", OR AS DIRECTED BY ENGINEER.
4. REFER TO DETAIL ON SHEET 64 FOR MAINTENANCE OF TEMPORARY PEDESTRIAN ACCESS THROUGH THE WORK ZONE, PROVIDE SUB-STAGING AS NEEDED TO MAINTAIN PEDESTRIAN ACCESS AND MINIMIZE SIMULTANEOUS CROSSWALK CLOSURES.
5. CONTRACTOR TO COORDINATE BUS STOP RELOCATION WITH CTA PRIOR TO COMMENCING WORK.



LEGEND

	CONSTRUCTION WORK ZONE		IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC FLOW		DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
	ARROW BOARD		TYPE II BARRICADE
	FLASHING MONO-DIRECTIONAL LIGHT		TYPE III BARRICADE
	TEMPORARY CONCRETE BARRIER		SIGN MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



ADVANCE WARNING SIGNAGE DETAIL

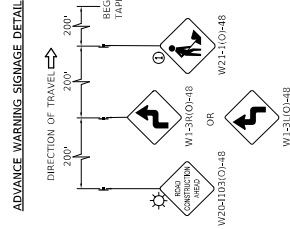
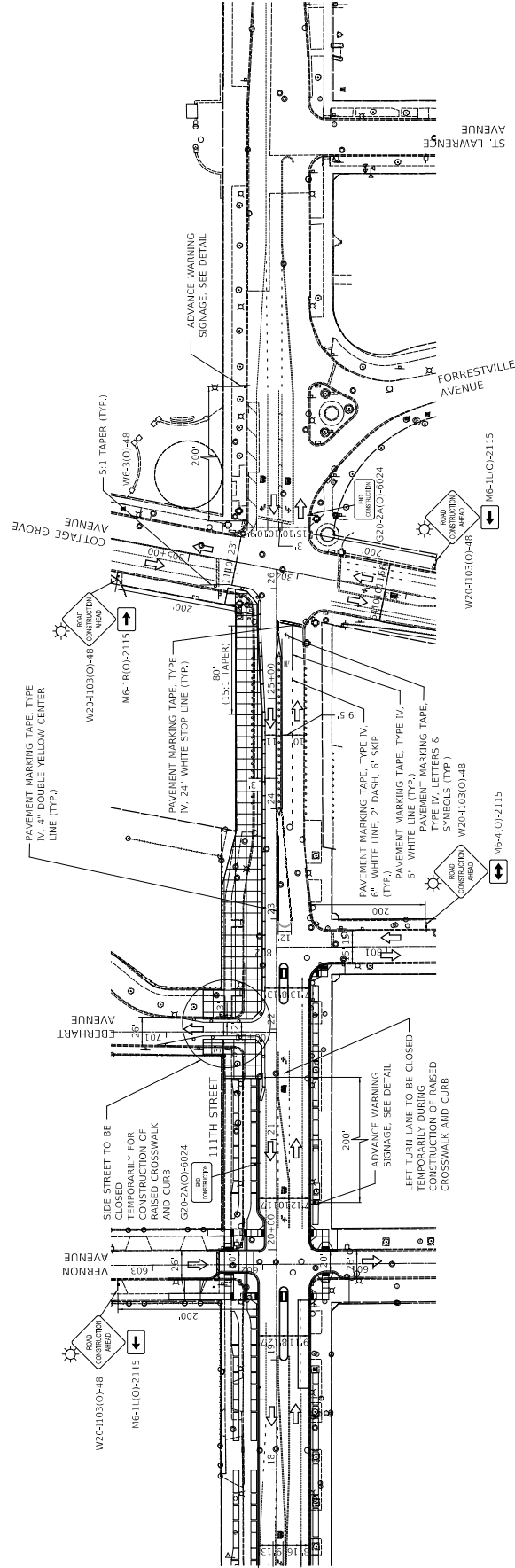
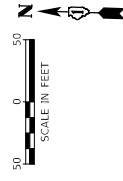


NOTES

- SEE NOTES ON SHEET NOS. 33 - 34 - AND TYPICAL SECTIONS ON SHEET NO. 38 .
- EXISTING PAVEMENT MARKINGS WILL BE REUSED WHERE POSSIBLE. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE LANE SHIFTS SHALL BE PAID FOR PER LINEAL FOOT AS "BLACKOUT TAPE". WITHIN LIMITS OF CONSTRUCTION, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND PAID AS "PAVEMENT MARKING REMOVAL - WATERBLASTING."
- PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ONE WEEK PRIOR TO INSTALLATION OF TEMPORARY TRAFFIC CONTROL. PHASE I MESSAGE "NEW TRAFFIC PATTERN" AND PHASE 2 "START'S XXXXXXXX"; OR AS DIRECTED BY ENGINEER.
- REFER TO DETAIL ON SHEET 64 FOR MAINTENANCE OF TEMPORARY PEDESTRIAN ACCESS THROUGH THE WORK ZONE, PROVIDE SUB-STAGING AS NEEDED TO MAINTAIN PEDESTRIAN ACCESS AND MINIMIZE SIMULTANEOUS CROSSWALK CLOSURES.
- CONTRACTOR TO COORDINATE BUS STOP RELOCATION WITH CTA PRIOR TO COMMENCING WORK.

LEGEND

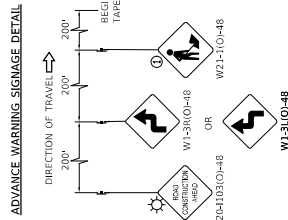
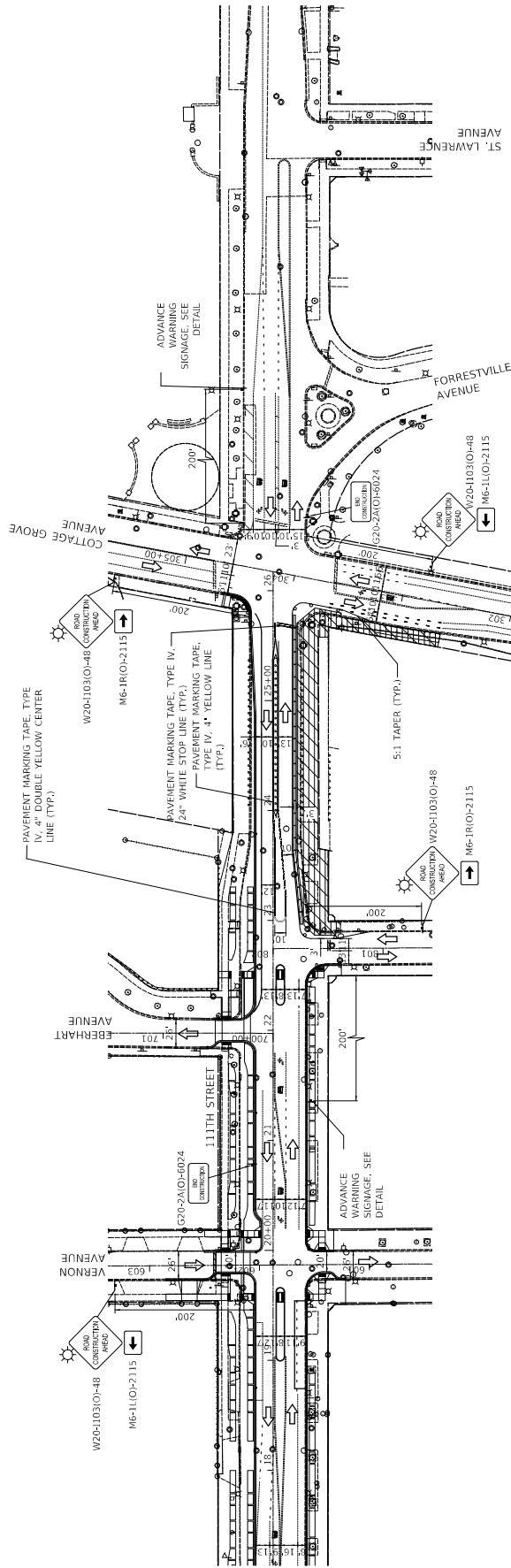
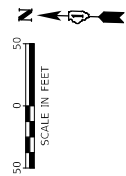
- | | | | |
|--|--|--|--|
| | CONSTRUCTION WORK ZONE | | IMPACT ATTENUATOR |
| | DIRECTION OF TRAFFIC FLOW | | DRUM WITH STEADY BURN BIDIRECTIONAL LIGHT |
| | ARROW BOARD | | TYPE II BARRICADE |
| | FLASHING MONO-DIRECTIONAL LIGHT TEMPORARY CONCRETE BARRIER | | TYPE III BARRICADE |
| | | | SIGN MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR |



DRAWN: CURB		CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	MAINTENANCE OF TRAFFIC PHASE 2, STAGE 2	DRAWING NO. MOT-17
		30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.cdotillinois.com		PROJECT NO. 545451	
		CIVILTECH		SECTION NO.	
CHECKED: B/B	APPROVED: M/F	DATE: 10/27/2023	REVISED BY:	DATE:	

NOTES

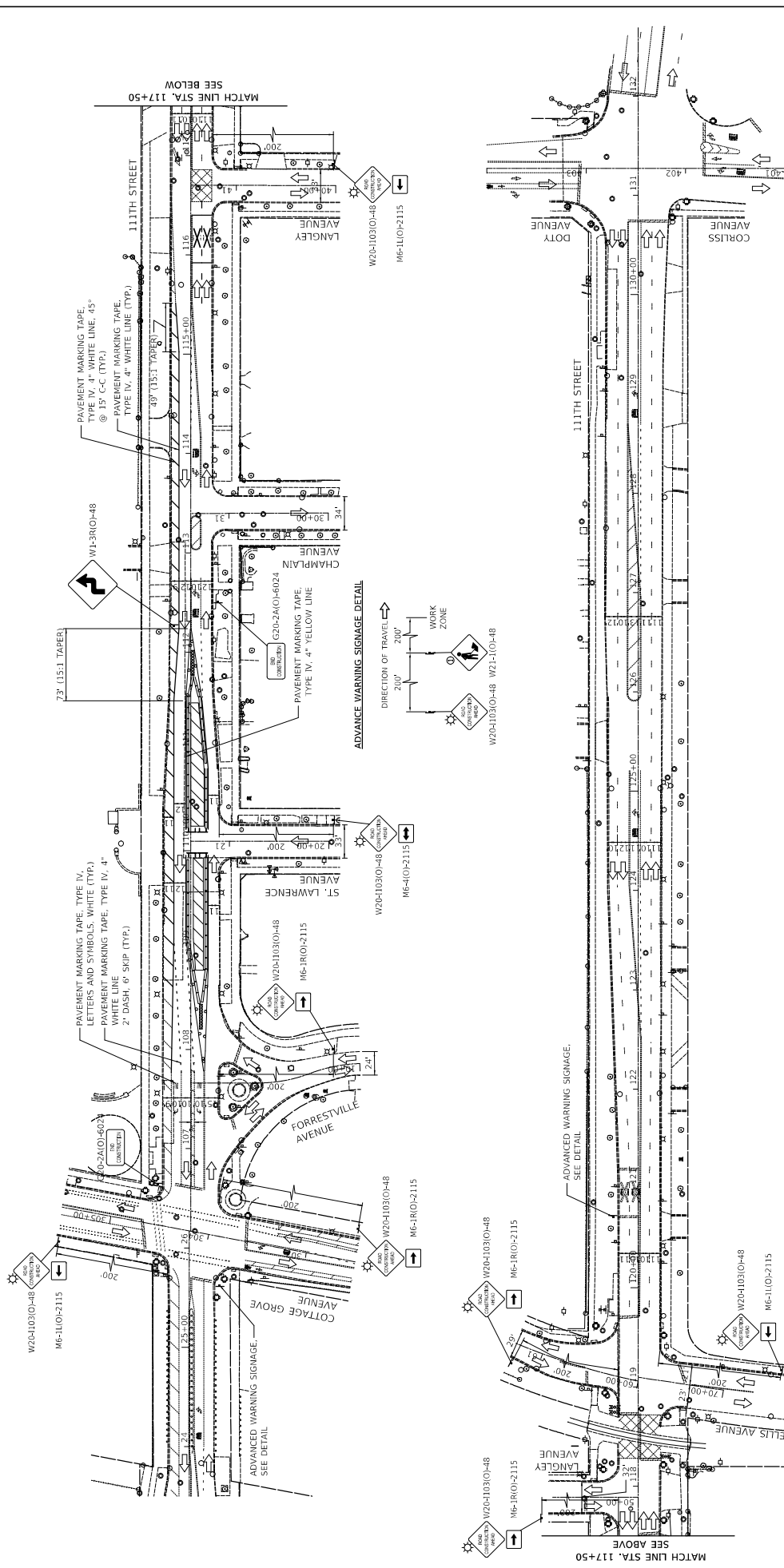
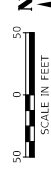
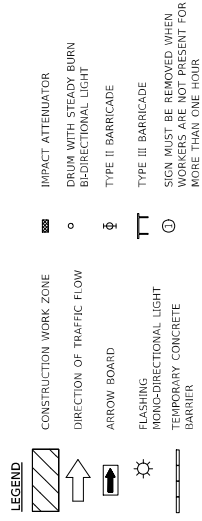
- SEE NOTES ON SHEET NOS. 33 - 34 - AND TYPICAL SECTIONS ON SHEET NO. 38 .
- EXISTING PAVEMENT MARKINGS WILL BE REUSED WHERE POSSIBLE . EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE LANE SHIFTS SHALL BE PAID FOR PER LINEAL FOOT AS "BLACKOUT TAPE" . WITHIN LIMITS OF CONSTRUCTION, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND PAID AS "PAVEMENT MARKING REMOVAL - WATERBLASTING" .
- PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ONE WEEK PRIOR TO INSTALLATION OF TEMPORARY TRAFFIC CONTROL . PHASE 1 MESSAGE "NEW TRAFFIC PATTERN" AND PHASE 2 "STRIKES XXXXXXXX" , OR AS DIRECTED BY ENGINEER .
- REFER TO DETAIL ON SHEET 64 FOR MAINTENANCE OF TEMPORARY PEDESTRIAN ACCESS THROUGH THE WORK ZONE, PROVIDE SUB-STAGING AS NEEDED TO MAINTAIN PEDESTRIAN ACCESS AND MINIMIZE SIMULTANEOUS CROSSWALK CLOSURES .
- CONTRACTOR TO COORDINATE BUS STOP RELOCATION WITH CTA PRIOR TO COMMENCING WORK .



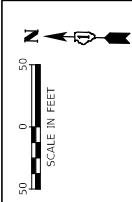
DRAWN: CUB	DATE: 10/27/2023	REVISIONS:	DESCRIPTION:
CHECKED: B/B	APPROVED: M/F	DATE:	
<p>CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</p> <p>111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS</p> <p>MAINTENANCE OF TRAFFIC PHASE 2, STAGE 3</p>			
<p>30 N. LaSalle St., Suite 2220 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.chicago.gov</p> <p>CIVILTECH</p>		<p>DRAWING NO: MOT-18 SHEET NO: 50 PROJECT NO: 545451 SECTION NO:</p>	

NOTES

1. SEE NOTES ON SHEET NOS. 33 AND 35, AND TYPICAL SECTIONS ON SHEET NOS. 39 - 40.
2. EXISTING PAVEMENT MARKINGS WILL BE REVISED WHERE POSSIBLE. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE LANE SHIFTS SHALL BE PAID FOR PER LINEAL FOOT AS "BLACKOUT TAPE". WITHIN LIMITS OF CONSTRUCTION, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND PAID AS "PAVEMENT MARKING REMOVAL - WATERBLASTING".
3. PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ONE WEEK PRIOR TO INSTALLATION OF TEMPORARY TRAFFIC CONTROL. PHASE I MESSAGE "NEW TRAFFIC PATTERN" AND PHASE 2 "STREET'S XXXXXXXX", OR AS DIRECTED BY ENGINEER.
4. REFER TO DETAIL ON SHEET 64 FOR MAINTENANCE OF TEMPORARY PEDESTRIAN ACCESS THROUGH THE WORK ZONE, PROVIDE SUB-STAGING AS NEEDED TO MAINTAIN PEDESTRIAN ACCESS AND MINIMIZE SIMULTANEOUS CROSSWALK CLOSURES.
5. CONTRACTOR TO COORDINATE BUS STOP RELOCATION WITH CTA PRIOR TO COMMENCING WORK.



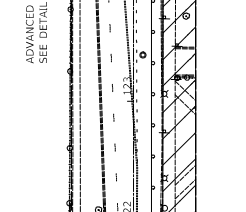
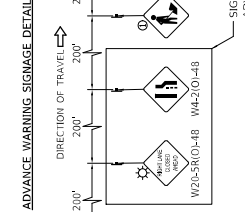
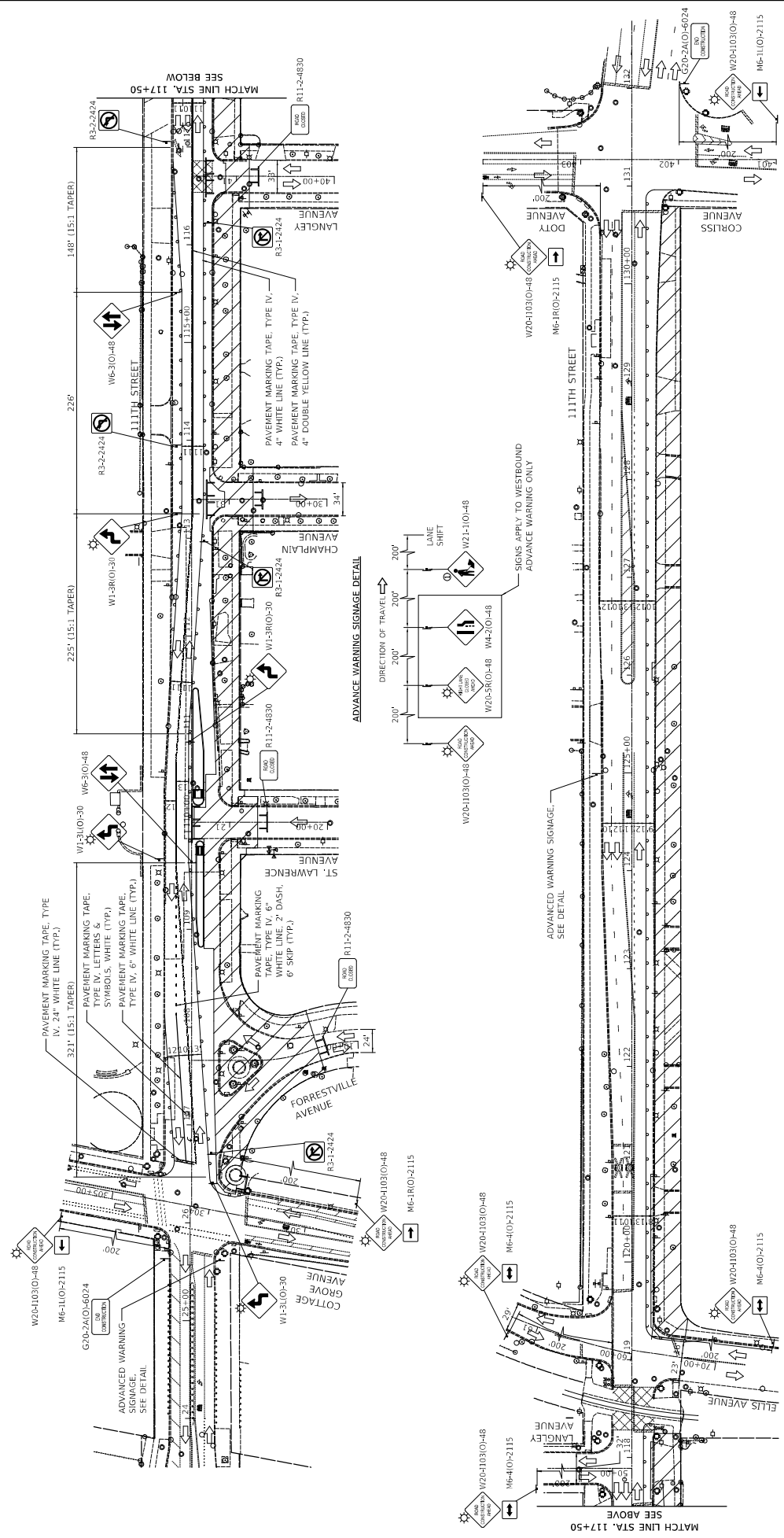
DRAWN: CUB	DESCRIPTION:	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	MAINTENANCE OF TRAFFIC PHASE 3, STAGE I	DRAWING NO. MOT-19
CHECKED: B/B	DATE:	30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.ctdetroit.com	SECTION NO.	PROJECT NO. 545451	SHEET NO. 51
APPROVED: M/F	REVISIONS:				
DATE: 10/27/2023					



LEGEND

	CONSTRUCTION WORK ZONE		IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC FLOW		DRUM WITH STEADY BURN BIDIRECTIONAL LIGHT
	ARROW BOARD		TYPE II BARRICADE
	FLASHING MONO-DIRECTIONAL LIGHT		TYPE III BARRICADE
	TEMPORARY CONCRETE BARRIER		SIGN MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

- NOTES**
- SEE NOTES ON SHEET NOS. 33 AND 35, AND TYPICAL SECTIONS ON SHEET NOS. 39 - 40.
 - EXISTING PAVEMENT MARKINGS WILL BE REVISED WHERE POSSIBLE. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE LANE SHIFTS SHALL BE PAID FOR PER LINEAL FOOT AS "BLACKOUT TAPE". WITHIN LIMITS OF CONSTRUCTION, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND PAID AS "PAVEMENT MARKING REMOVAL - WATERBLASTING".
 - PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ONE WEEK PRIOR TO INSTALLATION OF TEMPORARY TRAFFIC CONTROL. PHASE I MESSAGE "NEW TRAFFIC PATTERN" AND PHASE 2 "STAY'S XXXXXXXX", OR AS DIRECTED BY ENGINEER.
 - REFER TO DETAIL ON SHEET 64 FOR MAINTENANCE OF TEMPORARY PEDESTRIAN ACCESS THROUGH THE WORK ZONE. PROVIDE SUB-STAGING AS NEEDED TO MAINTAIN PEDESTRIAN ACCESS AND MINIMIZE SIMULTANEOUS CLOSURES.
 - CONTRACTOR TO COORDINATE BUS STOP RELOCATION WITH CTA PRIOR TO COMMENCING WORK.



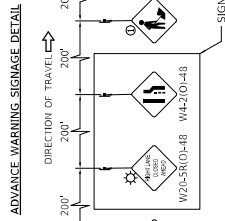
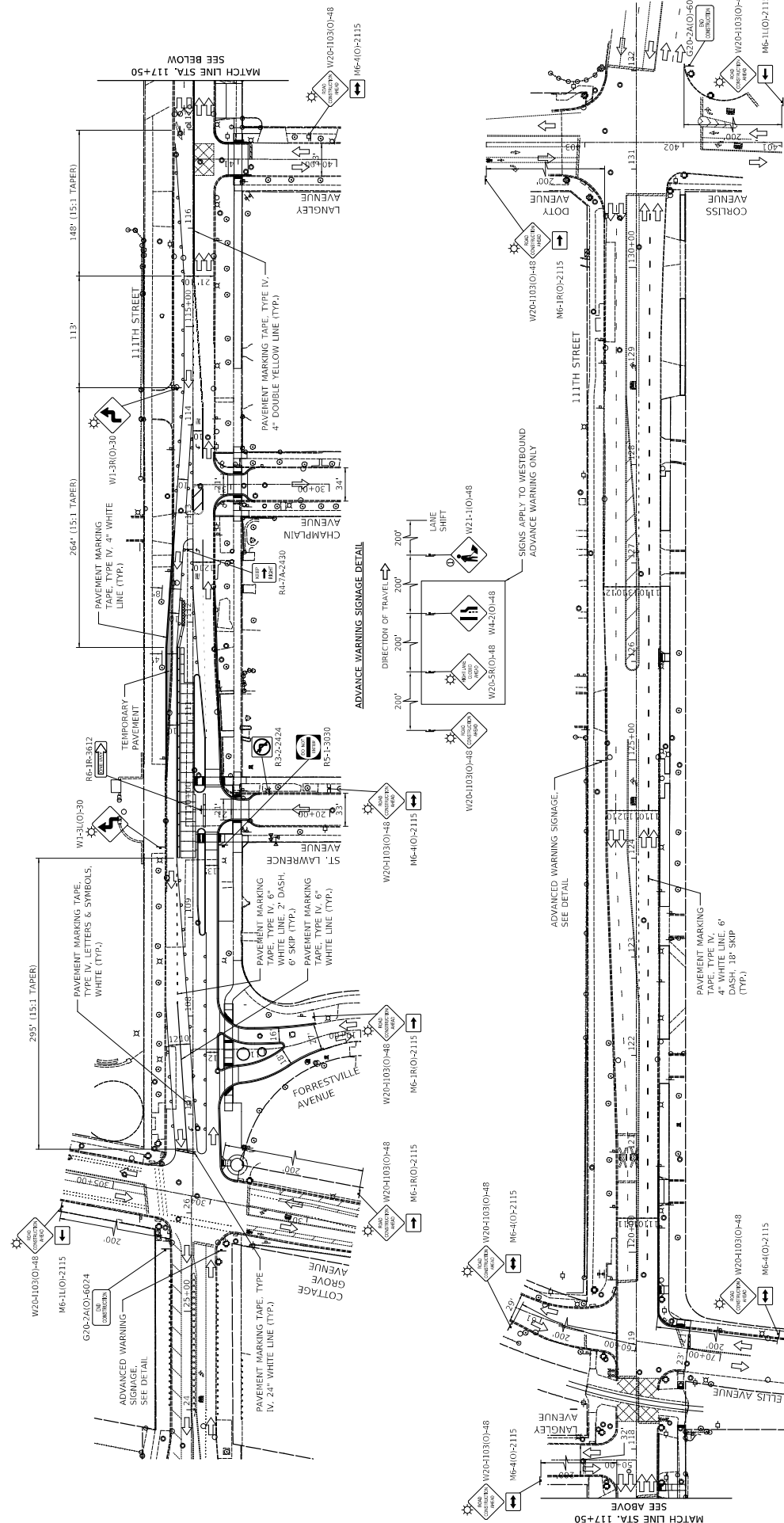
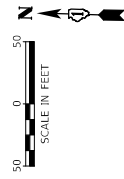
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CHECKED: B/B	DATE:	SHEET NO. 52	
APPROVED: M/F	REVIEWED BY:	PROJECT NO. 50451	
DATE: 10/27/2023	DATE:	SECTION NO.	
		SCALE: 1" = 50'	
		MAINTENANCE OF TRAFFIC PHASE 3, STAGE 2	
		CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	
		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	

CIVILTECH
 30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602
 Tel: 312.726.5910 • Fax: 312.726.8571
 www.civiltech.com

NOTES

1. SEE NOTES ON SHEET NOS. 33 AND 35, AND TYPICAL SECTIONS ON SHEET NOS. 39 - 40.
2. EXISTING PAVEMENT MARKINGS WILL BE REVISED WHERE POSSIBLE. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE LANE SHIFTS SHALL BE PAID FOR PER LINEAL FOOT AS "BLACKOUT TAPE". WITHIN LIMITS OF CONSTRUCTION, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND PAID AS "PAVEMENT MARKING REMOVAL - WATERBLASTING".
3. PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ONE WEEK PRIOR TO INSTALLATION OF TEMPORARY TRAFFIC CONTROL. PHASE I MESSAGE "NEW TRAFFIC PATTERN" AND PHASE 2 "STARTS XXXXXXXX", OR AS DIRECTED BY ENGINEER.
4. REFER TO DETAIL ON SHEET 64 FOR MAINTENANCE OF TEMPORARY PEDESTRIAN ACCESS THROUGH THE WORK ZONE, PROVIDE SUB-STAGING AS NEEDED TO MAINTAIN PEDESTRIAN ACCESS AND MINIMIZE SIMULTANEOUS CROSSWALK CLOSURES.
5. CONTRACTOR TO COORDINATE BUS STOP RELOCATION WITH CTA PRIOR TO COMMENCING WORK.

- LEGEND**
- CONSTRUCTION WORK ZONE
 - DIRECTION OF TRAFFIC FLOW
 - ARROW BOARD
 - FLASHING MONO-DIRECTIONAL LIGHT
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR
 - DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
 - TYPE II BARRICADE
 - TYPE III BARRICADE
 - SIGN MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



ADVANCED WARNING SIGNAGE SEE DETAIL

PAVEMENT MARKING TAPE, TYPE IV, 4\"/>

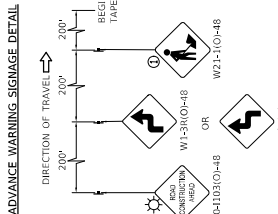
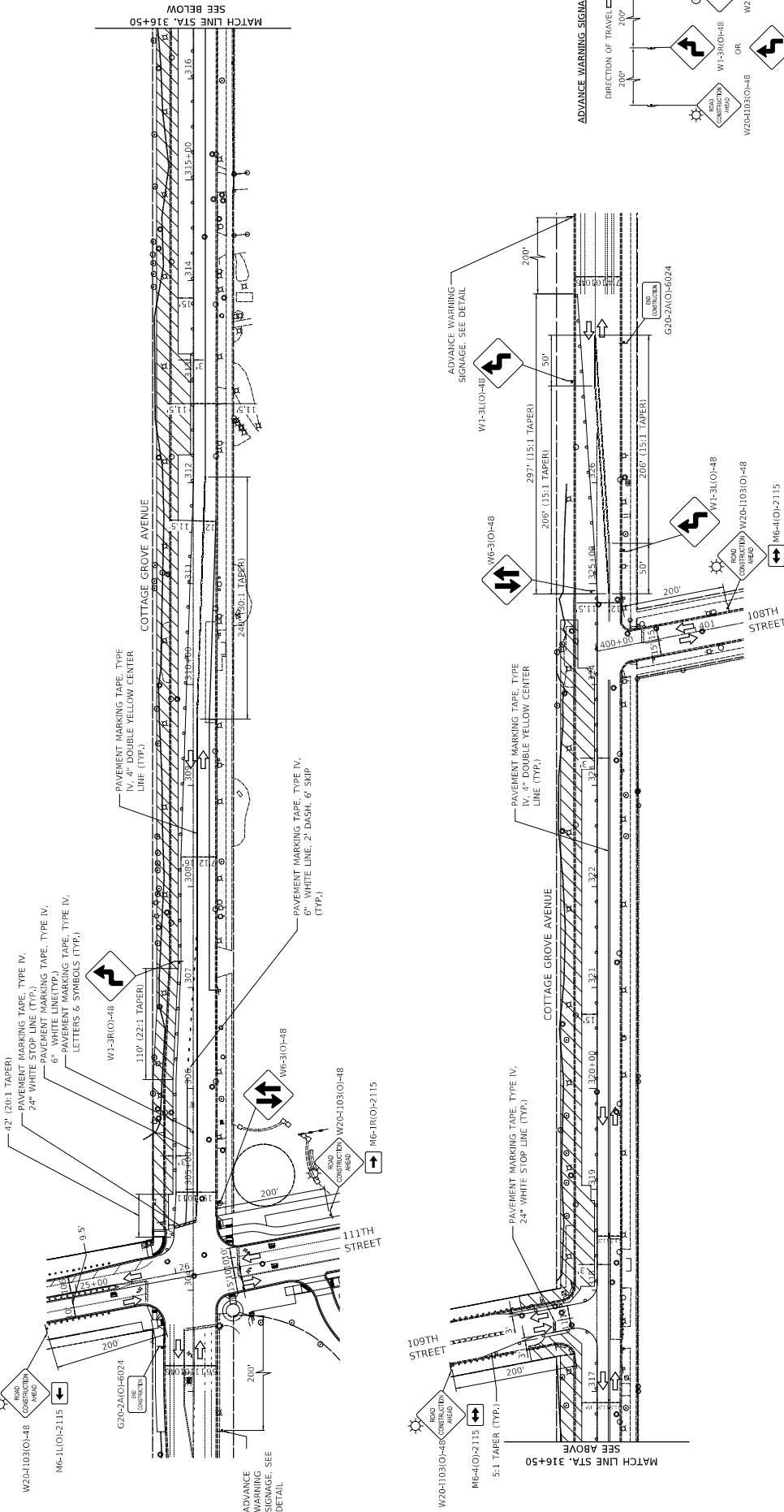
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CHECKED: B/B	DATE:	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	SECTION NO.:	SHEET NO.:
APPROVED: M/F	REVISIONS:		SCALE: 1" = 50'	53
DATE: 10/27/2023	REVISIONS:		PROJECT NO. S-0451	



NOTES

1. SEE NOTES ON SHEET NOS. 33 AND 36, AND TYPICAL SECTIONS ON SHEET NO. 41.
2. EXISTING PAVEMENT MARKINGS WILL BE REVISED WHERE POSSIBLE. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE LANE SHIFTS SHALL BE PAID FOR PER LINEAL FOOT AS "BLACKOUT TAPE". WITHIN LIMITS OF CONSTRUCTION, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND PAID AS "PAVEMENT MARKING REMOVAL - WATERBLASTING".
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5. CONTRACTOR TO COORDINATE BUS STOP RELOCATION WITH CTA PRIOR TO COMMENCING WORK.

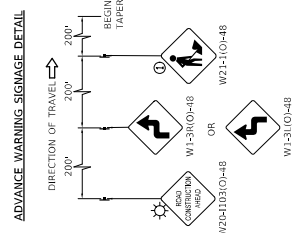
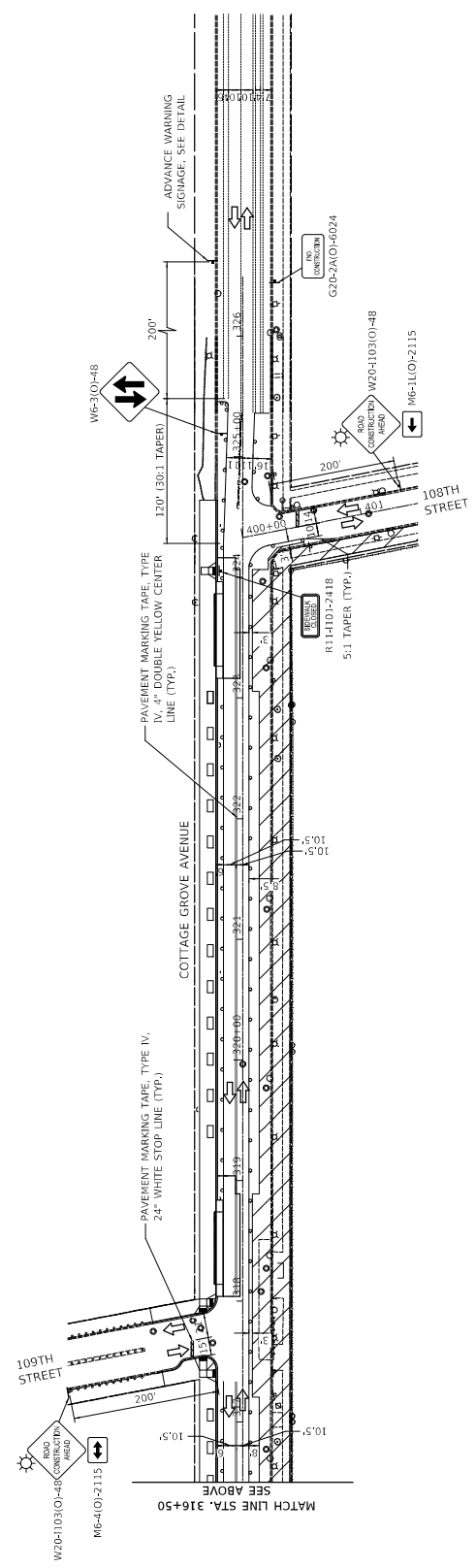
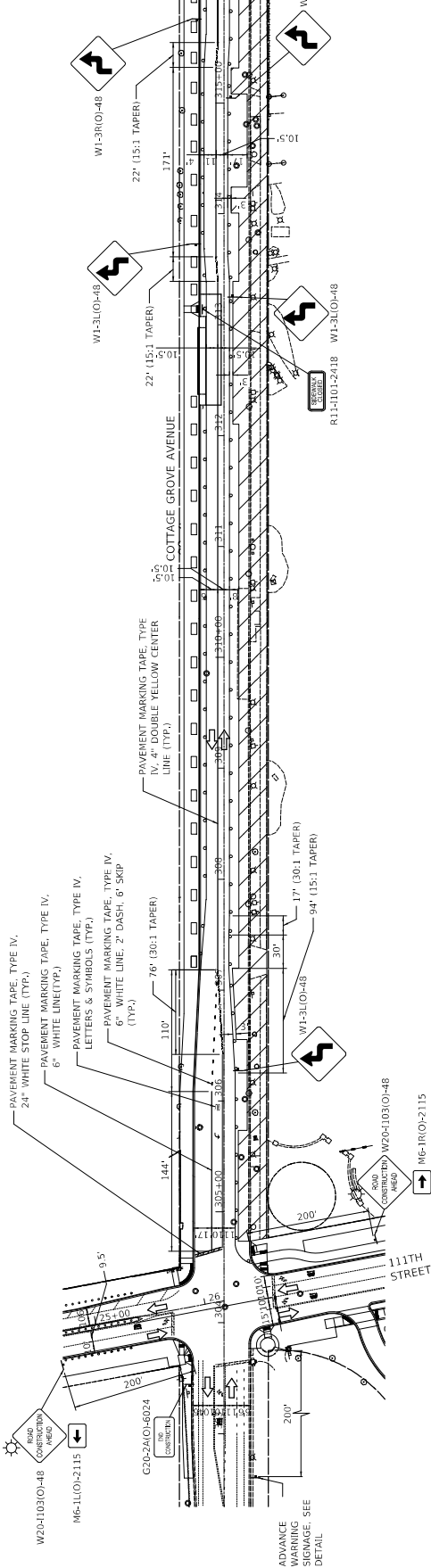
	CONSTRUCTION WORK ZONE		IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC FLOW		DRUM WITH STEADY BURN BIDIRECTIONAL LIGHT
	ARROW BOARD		TYPE II BARRICADE
	FLASHING MONO-DIRECTIONAL LIGHT TEMPORARY CONCRETE BARRIER		TYPE III BARRICADE



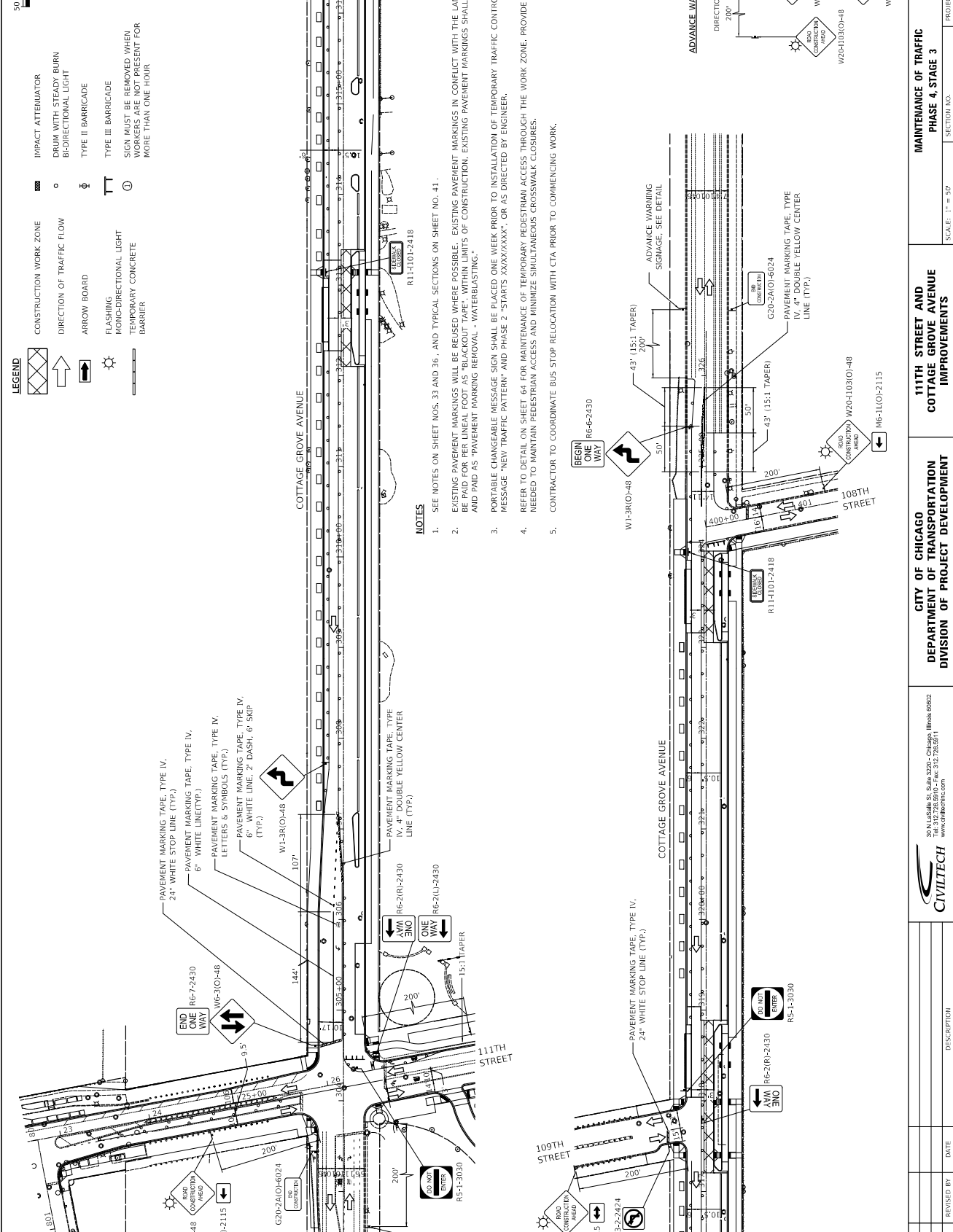
DRAWN: CUB CHECKED: BJB APPROVED: MIF DATE: 10/27/2023	DESCRIPTION DATE REVISION BY REVIS DATE	 30 N. LaSalle St., Suite 2220 - Chicago, Illinois 60602 Tel: 312.726.5919 Fax: 312.726.8571 www.civiltech.com	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	MAINTENANCE OF TRAFFIC PHASE 4, STAGE 1 SECTION NO. 540431	DRAWING NO. MOT-24 SHEET NO. 56
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NOTES

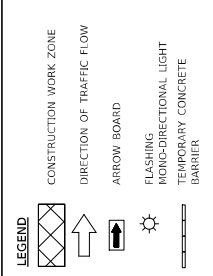
- SEE NOTES ON SHEET NOS. 33 AND 36, AND TYPICAL SECTIONS ON SHEET NO. 41.
- EXISTING PAVEMENT MARKINGS WILL BE REVISED WHERE POSSIBLE. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE LANE SHIFTS SHALL BE PAID FOR PER LINEAL FOOT AS "BLACKOUT TAPE". WITHIN LIMITS OF CONSTRUCTION, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND PAID AS "PAVEMENT MARKING REMOVAL - WATERBLASTING."
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- REFER TO DETAIL ON SHEET 64 FOR MAINTENANCE OF TEMPORARY PEDESTRIAN ACCESS THROUGH THE WORK ZONE, PROVIDE SUB-STAGING AS NEEDED TO MAINTAIN PEDESTRIAN ACCESS AND MINIMIZE SIMULTANEOUS CROSSWALK CLOSURES.
- CONTRACTOR TO COORDINATE BUS STOP RELOCATION WITH CTA PRIOR TO COMMENCING WORK.



DRAWN: CUB	DESCRIPTION:	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	11TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	MAINTENANCE OF TRAFFIC PHASE 4, STAGE 2	DRAWING NO. MOT-25
CHECKED: BJB	DATE:	30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.ctdetroit.com			SHEET NO. 57
APPROVED: MIF	REVISION BY:				PROJECT NO. 545451
DATE: 10/27/2023	DATE:				SECTION NO.
					SCALE: 1" = 50'

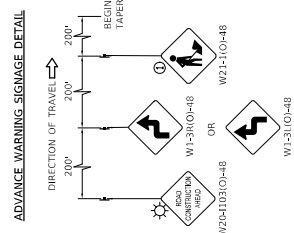


- LEGEND**
- CONSTRUCTION WORK ZONE
 - DIRECTION OF TRAFFIC FLOW
 - ARROW BOARD
 - FLASHING MONO-DIRECTIONAL LIGHT TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR
 - DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
 - TYPE II BARRICADE
 - TYPE III BARRICADE
 - SIGN MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

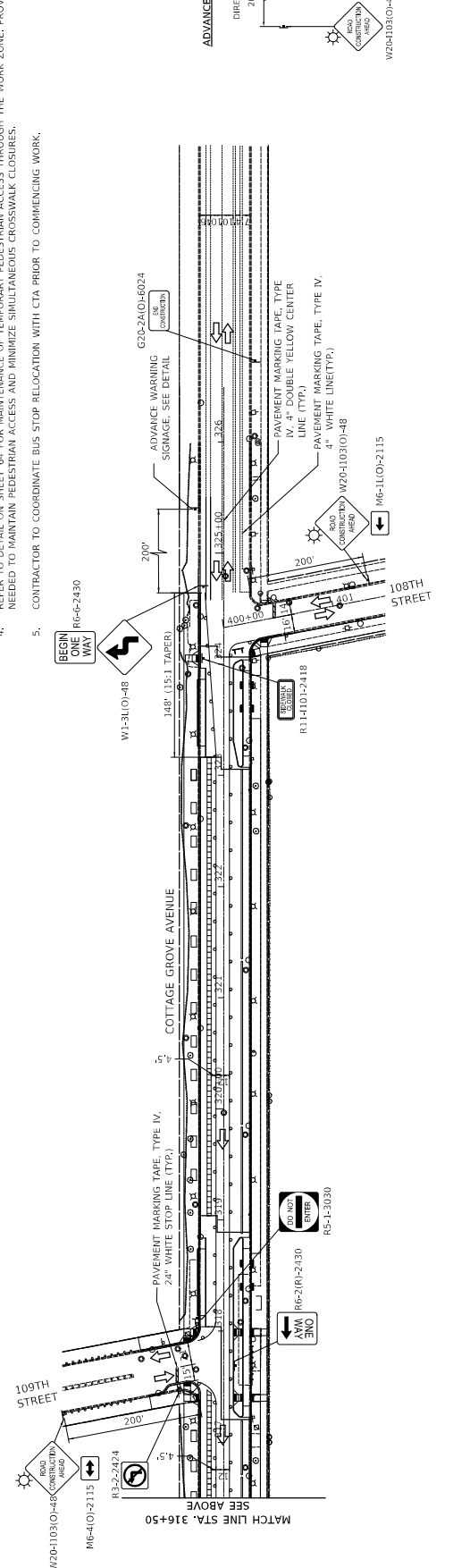
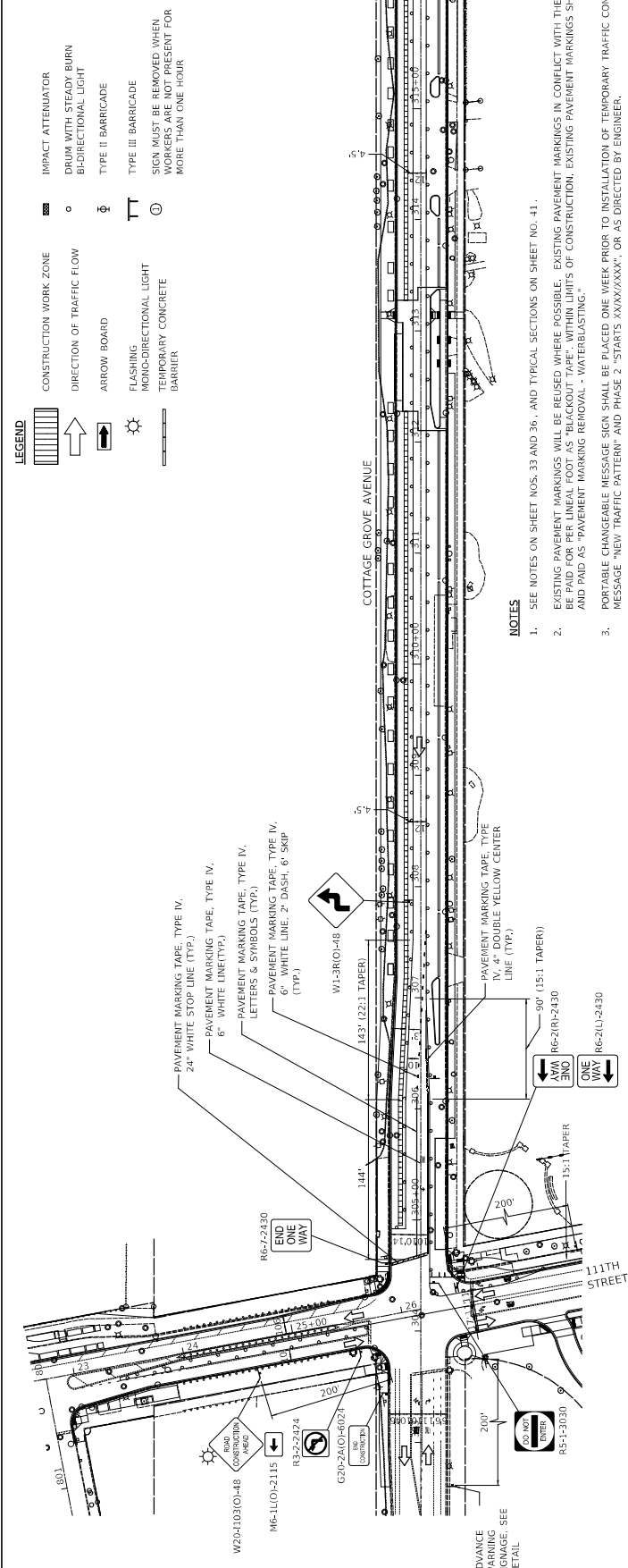
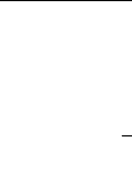
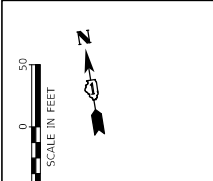


NOTES

1. SEE NOTES ON SHEET NOS. 33 AND 36, AND TYPICAL SECTIONS ON SHEET NO. 41.
2. EXISTING PAVEMENT MARKINGS WILL BE REUSED WHERE POSSIBLE. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE LANE SHIFTS SHALL BE REMOVED FOR PER LINEAR FEET OF CONSTRUCTION. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND PAID AS "PAVEMENT MARKING REMOVAL - WATERBLASTING."
3. PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ONE WEEK PRIOR TO INSTALLATION OF TEMPORARY TRAFFIC CONTROL, PHASE I MESSAGE "NEW TRAFFIC PATTERN" AND PHASE 2 "STARTS XXXXXX", OR AS DIRECTED BY ENGINEER.
4. REFER TO DETAIL ON SHEET 64 FOR MAINTENANCE OF TEMPORARY PEDESTRIAN ACCESS THROUGH THE WORK ZONE. PROVIDE SUB-STAGING AS NEEDED TO MAINTAIN PEDESTRIAN ACCESS AND MINIMIZE SIMULTANEOUS CROSSWALK CLOSURES.
5. CONTRACTOR TO COORDINATE BUS STOP RELOCATION WITH CTA PRIOR TO COMMENCING WORK.



DRAWN: CHB	DESCRIPTION:	SECTION NO.:	PROJECT NO. 545451	DRAWING NO. MOT-26
CHECKED: BJB	DATE:	SCALE: 1" = 50'	SHEET NO. 58	
APPROVED: MIF				
DATE: 10/27/2023				
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			MAINTENANCE OF TRAFFIC PHASE 4, STAGE 3	
 30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5919 Fax: 312.726.8571 www.civiltech.com				



- NOTES**
- SEE NOTES ON SHEET NOS. 33 AND 36, AND TYPICAL SECTIONS ON SHEET NO. 41.
 - EXISTING PAVEMENT MARKINGS WILL BE REUSED WHERE POSSIBLE. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE LANE SHIFTS SHALL BE REMOVED FOR PER LINE ITEM 3. ALL EXISTING PAVEMENT MARKINGS OF CONSTRUCTION, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND PAID AS "PAVEMENT MARKING REMOVAL - WATERBLASTING."
 - PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ONE WEEK PRIOR TO INSTALLATION OF TEMPORARY TRAFFIC CONTROL, PHASE I MESSAGE "NEW TRAFFIC PATTERN" AND PHASE 2 "STARTS XXXXXX" OR AS DIRECTED BY ENGINEER.
 - REFER TO DETAIL ON SHEET 64 FOR MAINTENANCE OF TEMPORARY PEDESTRIAN ACCESS THROUGH THE WORK ZONE. PROVIDE SUB-STAGING AS NEEDED TO MAINTAIN PEDESTRIAN ACCESS AND MINIMIZE SIMULTANEOUS CROSSWALK CLOSURES.
 - CONTRACTOR TO COORDINATE BUS STOP RELOCATION WITH CTA PRIOR TO COMMENCING WORK.

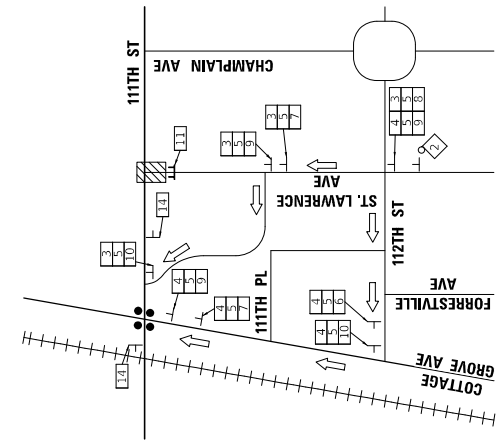
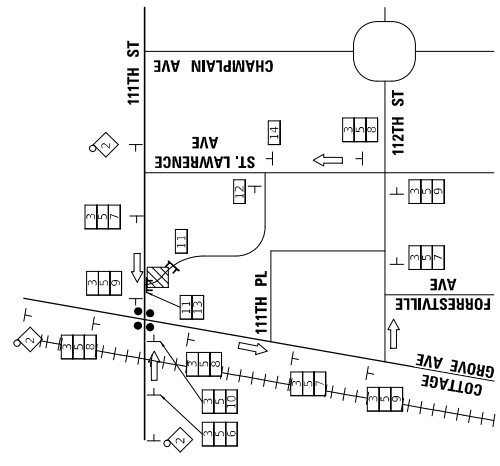
DRAWN:	CHB	DESCRIPTION:	
CHECKED:	BIB	DATE:	
APPROVED:	MIF	REVISIONS:	
DATE:	10/27/2023	DATE:	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5919 Fax: 312.726.8571 www.chicago.gov		PROJECT NO. 545451	
CIVILTECH		SECTION NO.	
DRAWING NO. MOT-27		MAINTENANCE OF TRAFFIC PHASE 4, STAGE 4	
SHEET NO. 59		SCALE: 1" = 50'	

DETOUR GENERAL NOTES

1. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT.
2. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STANDARD SPECIFICATIONS, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," AND AS DIRECTED BY THE ENGINEER.
3. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
4. ADDITIONAL SIGNING AND/OR BARRICADES DEEMED NECESSARY BY THE ENGINEER SHALL BE PROVIDED AND INSTALLED AT NO ADDITIONAL COST.
5. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE NAMES AND PHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE, AND THEIR REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING, PRIOR TO THE START OF WORK.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD LOCATION OF ALL DETOUR AND CONSTRUCTION SIGNING. THE CONTRACTOR MAY REQUEST THE ENGINEER TO FIELD VERIFY THE POSITIONS OF ANY SIGNS.
7. ACTUAL LOCATIONS FOR SIGNING SHOWN ON THE DETOUR PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
8. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.
9. ALL DETOUR SIGNING SHALL BE POST OR BARRICADE MOUNTED. SIGNS SHALL BE POST MOUNTED WHEN DETOUR EXCEEDS FOUR DAYS AND PER IDOT HIGHWAY STANDARD 70130.1.
10. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF ARTICLE 1106.01 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR IN LIKE-NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
11. THE ROAD NAME SIGN SHALL BE A BLACK LEGEND ON ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6".
12. AT A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THE DETOUR SIGNING SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER DEVICES INSTALLED BY HIM/ARE IN PLACE AND OPERATING 24 HOURS EACH DAY, INCLUDING SUNDAYS AND HOLIDAYS.
14. THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THROUGH TRAFFIC ONLY SHALL NOT EXCEED 8 FEET IN WIDTH EACH FOR A SINGLE APPROACH LANE. ALL BARRICADES AT THESE LOCATIONS SHALL HAVE REFLECTORIZED STRIPING ON THE BACK SIDES OF THE BARRICADES.
15. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT, ARTICLE 701.11 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
16. DURING NON-WORKING HOURS THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE TYPE III BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNS, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
18. THE ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS BEFORE THE ROAD IS TO BE CLOSED. THE CONTRACTOR WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
19. ACCESSIBILITY FOR EMERGENCY VEHICLES MUST BE PROVIDED AT ALL TIMES ON CLOSED ROADS. THE CONTRACTOR SHALL A MINIMUM 10' WIDE DRIVEABLE SURFACE IS AVAILABLE ON FORESTVILLE AVENUE DURING ALL CONSTRUCTION STAGES.
20. THE COST OF WORK SHOWN ON THIS SHEET SHALL BE INCLUDED IN THE UNIT PRICE FOR "VEHICLE TRAFFIC CONTROL AND PROTECTION".

FORRESTVILLE AVENUE DETOUR

ST. LAWRENCE AVENUE DETOUR



TYPICAL SIGN ORIENTATION



TYPICAL SIGN ORIENTATION



SCHEDULE OF SIGNS

SIGN NO.	SIGN TYPE	SCALE
1	RESERVED	
2	W2A-2-4848	M-6-101-3024
3	R1-1-4-820	M-6-101-5074
4	R1-1-4-820	R1-1-4-820
5	R1-1-4-820	R1-1-4-820
6	FORRESTVILLE AVE	M-6-101-4818
7	FORRESTVILLE AVE	M-6-101-2418
8	FORRESTVILLE AVE	M-6-101-3030
9	FORRESTVILLE AVE	M-6-101-3030
10	FORRESTVILLE AVE	M-6-101-3030

SCHEDULE OF SIGNS

SIGN NO.	SIGN TYPE	SCALE
1	RESERVED	
2	W2A-2-4848	M-6-101-3024
3	R1-1-4-820	M-6-101-5074
4	R1-1-4-820	R1-1-4-820
5	R1-1-4-820	R1-1-4-820
6	ST. LAWRENCE AVE	M-6-101-4818
7	ST. LAWRENCE AVE	M-6-101-2418
8	ST. LAWRENCE AVE	M-6-101-3030
9	ST. LAWRENCE AVE	M-6-101-3030
10	ST. LAWRENCE AVE	M-6-101-3030



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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

MAINTENANCE OF TRAFFIC DETOUR PLAN - PHASE 3, STAGE 2

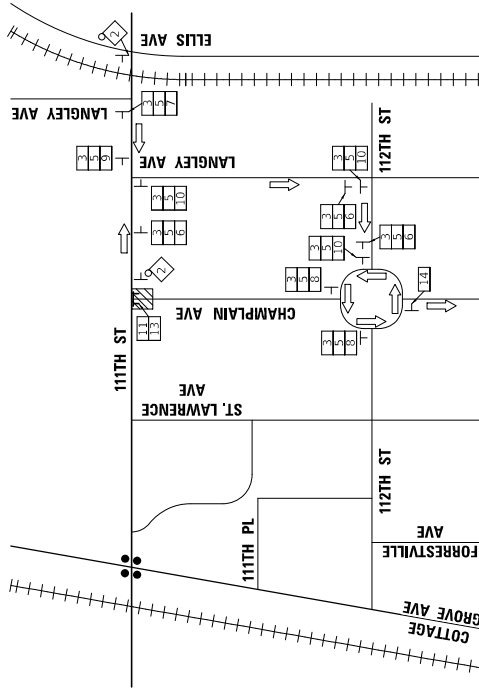
SCALE: N.T.S. SECTION NO. PROJECT NO. 5-0451

DRAWN:	CWB	DATE:
CHECKED:	BIB	
APPROVED:	MIF	
DATE:	10/27/2023	

DESCRIPTION	DATE	REVISION BY

DRAWING NO. MOT-28
 SHEET NO. 60

CHAMPLAIN AVENUE DETOUR



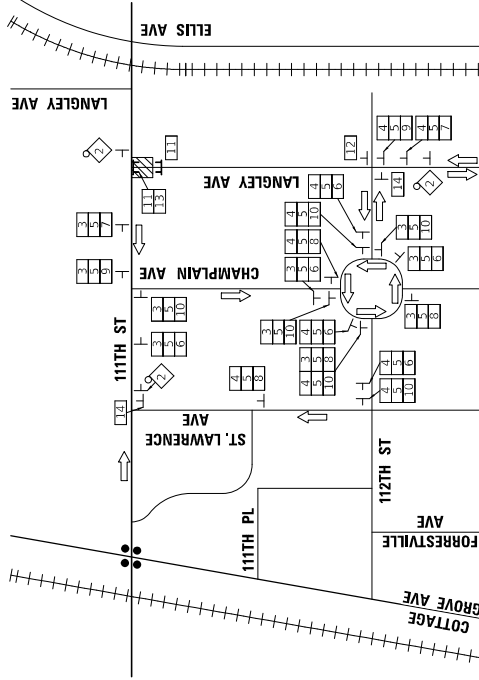
TYPICAL SIGN ORIENTATION



SCHEDULE OF SIGNS

SIGN NO.	SCALE	TYPE	DESCRIPTION
1	RESERVED	RESERVED	RESERVED
2	W26-2-4848	W26-2-4848	W26-2-4848
3	R1-2-4830	R1-2-4830	R1-2-4830
4	R1-1-4830	R1-1-4830	R1-1-4830
5	M4-2-4818	M4-2-4818	M4-2-4818
6	M4-9(0)-3030	M4-9(0)-3030	M4-9(0)-3030
7	M4-9(0)-3030	M4-9(0)-3030	M4-9(0)-3030
8	M4-9(0)-2118	M4-9(0)-2118	M4-9(0)-2118

LANGLEY AVENUE DETOUR



TYPICAL SIGN ORIENTATION



SCHEDULE OF SIGNS

SIGN NO.	SCALE	TYPE	DESCRIPTION
1	RESERVED	RESERVED	RESERVED
2	W26-2-4848	W26-2-4848	W26-2-4848
3	R1-2-4830	R1-2-4830	R1-2-4830
4	R1-1-4830	R1-1-4830	R1-1-4830
5	M4-2-4818	M4-2-4818	M4-2-4818
6	M4-9(0)-3030	M4-9(0)-3030	M4-9(0)-3030
7	M4-9(0)-3030	M4-9(0)-3030	M4-9(0)-3030
8	M4-9(0)-2118	M4-9(0)-2118	M4-9(0)-2118

DRAWN: CUB	DATE:
CHECKED: BJB	REVISED BY:
APPROVED: MIF	DATE:
DATE: 10/27/2023	REVISION:

CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	DESCRIPTION:
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CIVILTECH
 30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602
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 www.civiltech.com

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

MAINTENANCE OF TRAFFIC DETOUR PLAN - PHASE 3, STAGE 2

DRAWING NO: MOT-29
 SHEET NO: 81



SIGNALIZED INTERSECTION

48" X 48" CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT (NUMBER DENOTES TYPE)

M4-9 SERIES DETOUR SIGN WITH ROAD NAME & DIRECTION PLATES (NUMBER DENOTES TYPE)
OTHER DETOUR SIGN (NUMBER DENOTES TYPE)

SIGN POST/BARRICADE
TYPE III BARRICADE

WORK ZONE

DETOUR ROUTE DIRECTION

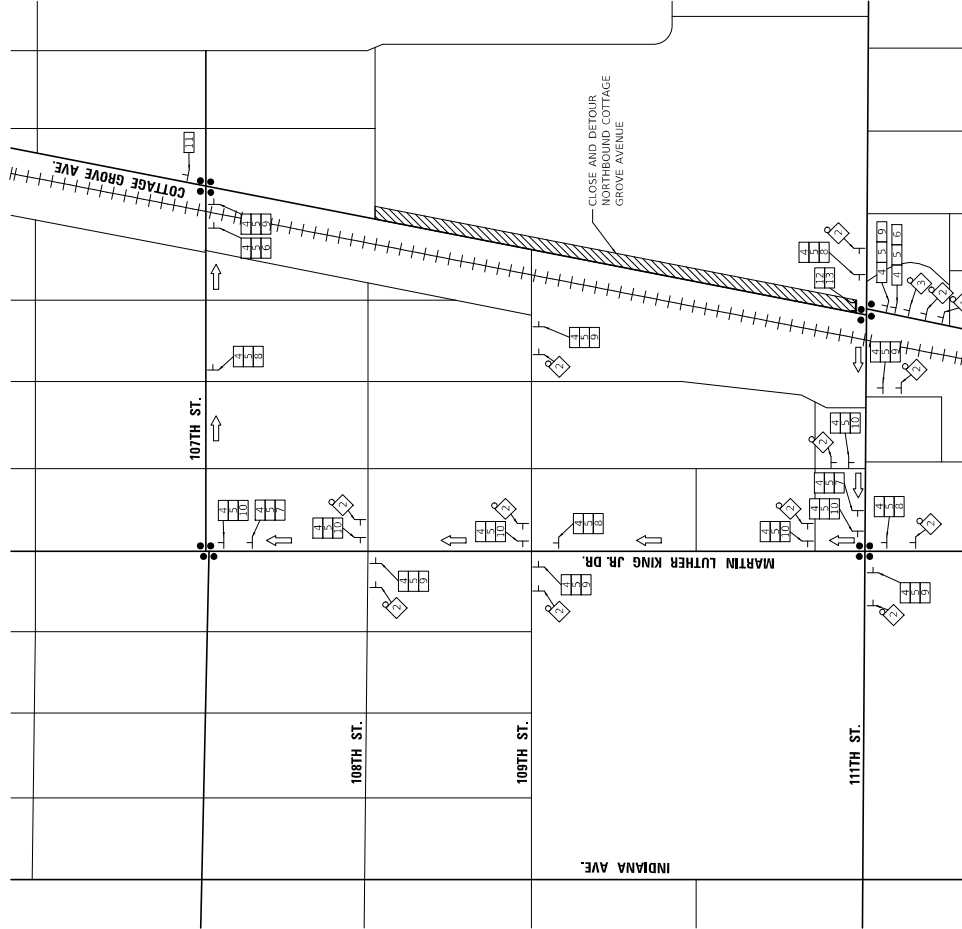
DETOUR GENERAL NOTES

- THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT.
- ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
- THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- ADDITIONAL SIGNING AND/OR BARRICADES DEEMED NECESSARY BY THE ENGINEER SHALL BE PROVIDED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE NAMES AND PHONE NUMBERS OF THE PERSONS AT THE PROJECT OFFICE WHO ARE AUTHORIZED REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING, PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD LOCATION OF ALL DETOUR AND CONSTRUCTION SIGNING. THE CONTRACTOR MAY REQUEST THE ENGINEER TO FIELD VERIFY THE POSITIONS OF ANY SIGNS.
- ACTUAL LOCATIONS FOR SIGNING SHOWN ON THE DETOUR PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE REMOVED OR FULLY COVERED BY THE CONTRACTOR IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.
- ALL DETOUR SIGNING SHALL BE POST OR BARRICADE MOUNTED. SIGNS SHALL BE POST MOUNTED WHEN DETOUR EXCEEDS FOUR DAYS AND PER IDOT HIGHWAY STANDARD 70190.1.
- ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF ARTICLE 1106.01 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR IN LIKE-NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
- THE ROAD NAME SIGN SHALL BE A BLACK LEGEND ON ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6".
- AT A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THE DETOUR SIGNING SHALL MEET THE REQUIREMENTS FOR TYPE A LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER DEVICES INSTALLED BY THEM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY, INCLUDING SUNDAYS AND HOLIDAYS.
- THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THROUGH TRAFFIC ONLY SHALL BE PLACED AT THE POINTS OF CLOSURE AND SHALL BE REFLECTORIZED STRIPING ON THE BACK SIDES OF THE BARRICADES.
- CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT, ARTICLE 701.11 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
- DURING NON-WORKING HOURS THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE TYPE III BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNS, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
- THE ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS BEFORE THE ROAD IS TO BE REOPENED TO TRAFFIC. THE CONTRACTOR WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
- ACCESSIBILITY FOR EMERGENCY VEHICLES MUST BE PROVIDED AT ALL TIMES ON CLOSED ROADS. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 10' WIDE DRIVEABLE SURFACE IS AVAILABLE DURING ALL CONSTRUCTION STAGES.
- THE COST OF WORK SHOWN ON THIS SHEET SHALL BE INCLUDED IN THE UNIT PRICE FOR "VEHICLE TRAFFIC CONTROL AND PROTECTION".
- THE CONTRACTOR SHALL CONTACT THE CTA AT 312-650-4176 AT LEAST FOUR WEEKS PRIOR TO CLOSURE OF COTTAGE GROVE TO NORTHBOUND TRAFFIC.

SCHEDULE OF SIGNS

SIGN NO.	SIGN TYPE
1	W20-3-4848
2	W20-2-4848
3	W20-3-4848
4	M3-4-2412
5	W17-100-2412
6	M4-9(I)-3030
7	M4-9(O)-3030
8	M4-9(I)-3024
9	M4-9(O)-3024
10	M4-28a(I)-2418
11	R11-2-4830
12	M1-10L-1818

TYPICAL SIGN ORIENTATION



DRAWN: CUB	CITY OF CHICAGO	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	DETOUR PLAN - PHASE 4, STAGES 3 & 4	DRAWING NO. MOT-30
CHECKED: BJB	DEPARTMENT OF TRANSPORTATION			SHEET NO. 62
APPROVED: M/F	DIVISION OF PROJECT DEVELOPMENT			PROJECT NO. SCA451
DATE: 10/27/2023				SCALE: N.T.S.
REVISIONS:				
DATE	DESCRIPTION			

30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602
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www.ctaillinois.com

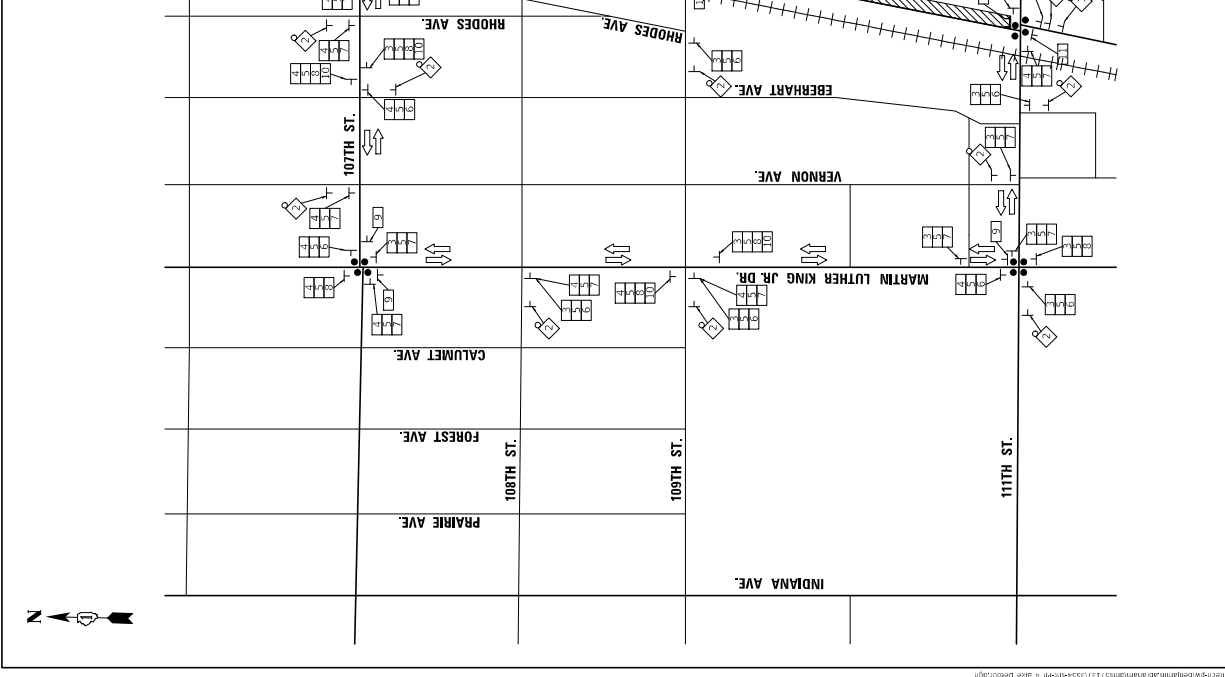
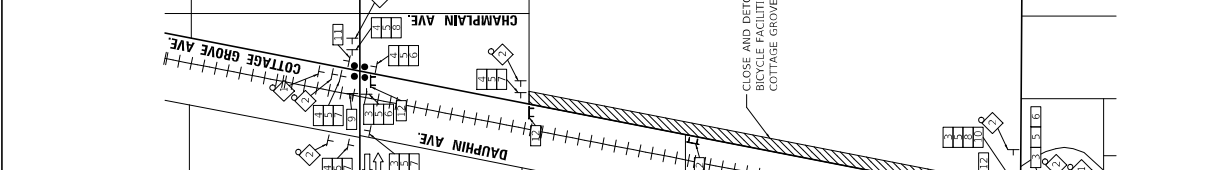


DETOUR GENERAL NOTES

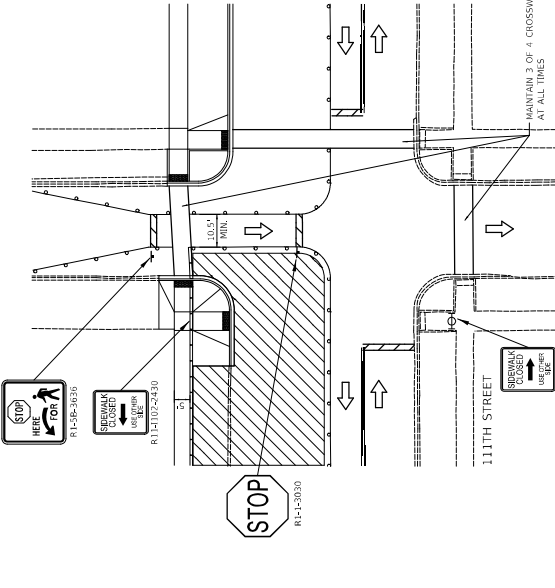
- THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT.
- TEMPORARY SHARED LANE MARKINGS SHALL BE PROVIDED ON MARTIN LUTHER KING JR. DRIVE FROM 10TH ST. TO 11TH ST. PRIOR TO THE START OF WORK. SHARED LANE MARKINGS TO BE PAID FOR AS TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS.
- ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STANDARD SPECIFICATIONS. THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
- THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- ADDITIONAL SIGNING AND/OR BARRICADES, DEEMED NECESSARY BY THE ENGINEER, SHALL BE PROVIDED AND INSTALLED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE NAMES AND PHONE NUMBERS OF THEIR REPRESENTATIVES ON THE CONSTRUCTION SITE, AND THEIR REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING, PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD LOCATION OF ALL DETOUR AND CONSTRUCTION SIGNING. THE CONTRACTOR MAY REQUEST THE ENGINEER TO FIELD VERIFY THE POSITIONS OF ANY SIGNS.
- ACTUAL LOCATIONS FOR SIGNING SHOWN ON THE DETOUR PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.
- ALL DETOUR SIGNING SHALL BE POST OR BARRICADE MOUNTED. SIGNS SHALL BE POST MOUNTED WHEN DETOUR EXCEEDS FOUR DAYS AND PER IDOT HIGHWAY STANDARD 701901.
- ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON RED BACKS. REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON ORANGE BACKS. ALL REGULATORY SIGNS SHALL HAVE REFLECTIVE SHEETING. REGULAR REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF ARTICLE 1106.01 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR IN LIKE-NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
- THE ROAD NAME SIGN SHALL BE A BLACK LEGEND ON ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE VARIABLE WITH DESIGN SERIES C LETTERS, THE CAPITAL LETTERS SHALL BE 6".
- AT A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THE DETOUR SIGNING MUST MEET THE REQUIREMENTS OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES IN ARTICLE 1106.01 AND SPECIFICATIONS FOR LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, BARRICADE STRIPING, AND SIGNS BE PLACED IN PLACE AND OPERATING 24 HOURS EACH DAY, INCLUDING SUNDAYS AND HOLIDAYS.
- THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THROUGH TRAFFIC ONLY SHALL NOT EXCEED 8 FEET IN WIDTH EACH FOR A SINGLE APPROACH LANE. ALL BARRICADES AND SIGNS LOCATIONS SHALL HAVE REFLECTORIZED STRIPING ON THE BACK SIDES OF THE BARRICADES.
- CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT, ARTICLE 701.11 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
- DURING NON-WORKING HOURS THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE TYPE III BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNS, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
- THE ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS BEFORE THE ROAD IS TO BE REOPENED TO BICYCLE TRAFFIC. THE CONTRACTOR WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
- ACCESSIBILITY FOR EMERGENCY VEHICLES MUST BE PROVIDED AT ALL TIMES ON CLOSED ROADS. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 10' WIDE DRIVEABLE SURFACE IS AVAILABLE DURING ALL CONSTRUCTION STAGES.
- THE COST OF WORK SHOWN ON THIS SHEET SHALL BE INCLUDED IN THE UNIT PRICE FOR VEHICLE TRAFFIC CONTROL AND PROTECTION.

- ## LEGEND
- SIGNALIZED INTERSECTION
- 48" X 48" CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT (NUMBER DENOTES TYPE)
- DETOUR SIGN WITH ROAD NAME & DIRECTION PLATES (NUMBER DENOTES TYPE)
- OTHER DETOUR SIGN (NUMBER DENOTES TYPE)
- SIGN POST/BARRICADE
- TYPE III BARRICADE
- WORK ZONE
- DETOUR ROUTE DIRECTION
- ## SCHEDULE OF SIGNS
- | SIGN NO. | SIGN TYPE |
|----------|-------------------|
| 1 | SPECIAL (18"x48") |
| 2 | SPECIAL (18"x48") |
| 3 | M3-2412 |
| 4 | M3-2412 |
| 5 | W17-1100-2412 |
| 6 | M4-9-L (30"x24") |
| 7 | M4-9-R (30"x24") |
| 8 | SPECIAL (30"x24") |
| 9 | R4-11 |
| 10 | M4-9(O)-3030 |
| 11 | M4-9h(O)-2418 |
| 12 | SPECIAL (30"x48") |
-
-
-
-
-
-
-

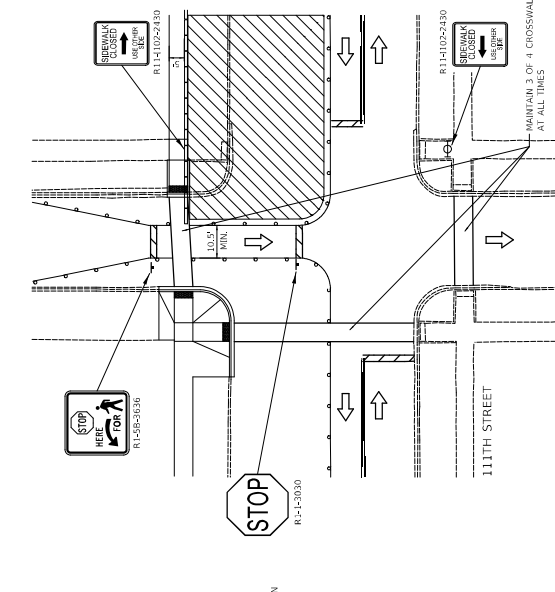
TYPICAL SIGN ORIENTATION



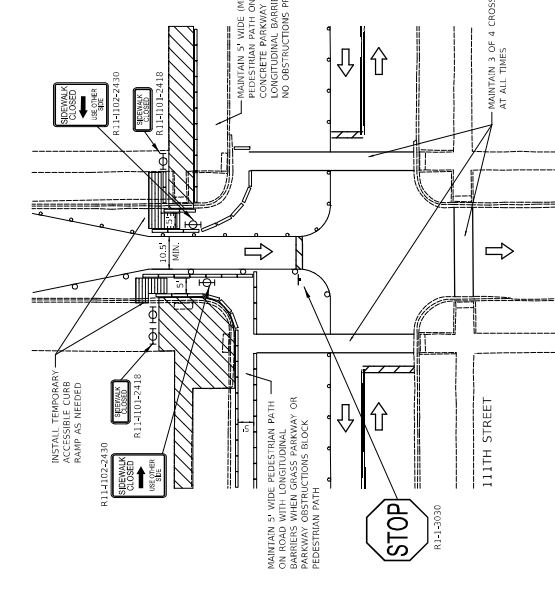
CLOSE AND DETOUR BICYCLE FACILITIES ON COTTAGE GROVE AVENUE



DETAIL 1: PEDESTRIAN ACCESS THROUGH WORK ZONE - SUB-STAGE 1



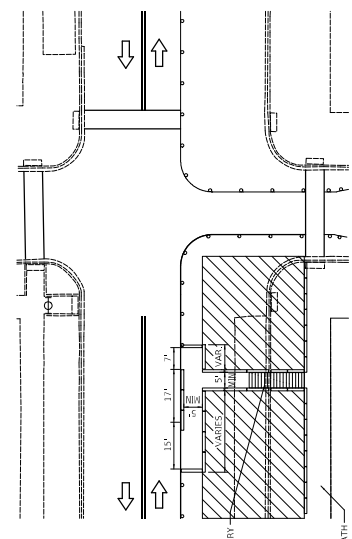
DETAIL 2: PEDESTRIAN ACCESS THROUGH WORK ZONE - SUB-STAGE 1



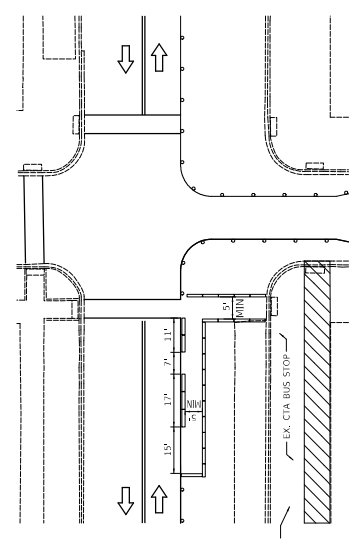
DETAIL 3: PEDESTRIAN ACCESS THROUGH WORK ZONE - SUB-STAGE 1

- LEGEND**
- CONSTRUCTION WORK ZONE (Hatched box)
 - DIRECTION OF TRAFFIC FLOW (Arrow)
 - TYPE II BARRICADE (Symbol)
 - DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE (Symbol)

PEDESTRIAN ACCESS SUB-STAGING DETAIL



DETAIL 1: TEMPORARY BUS STOP ACCESS THROUGH WORK ZONE - SUB-STAGE 1



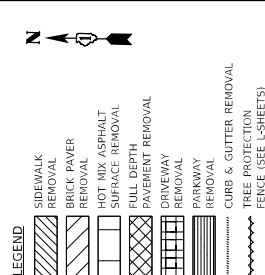
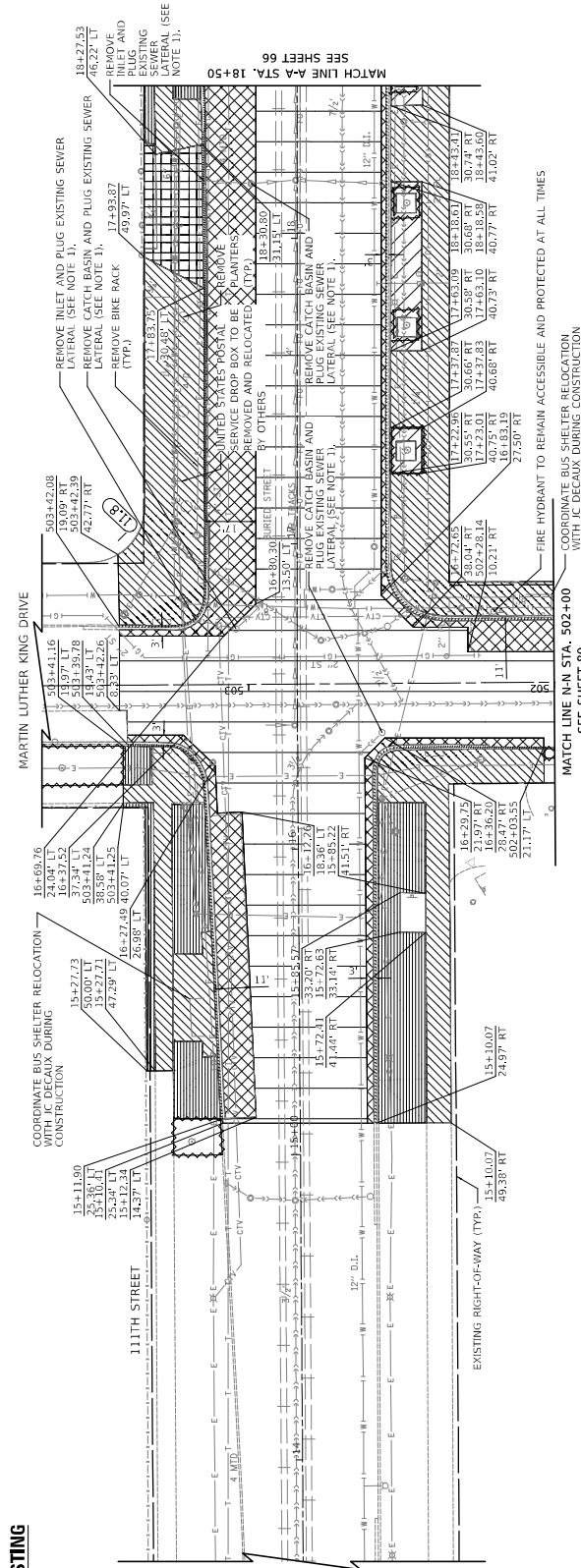
DETAIL 2: TEMPORARY BUS STOP ACCESS THROUGH WORK ZONE - SUB-STAGE 1

- LEGEND**
- CONSTRUCTION WORK ZONE (Hatched box)
 - DIRECTION OF TRAFFIC FLOW (Arrow)
 - DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE (Symbol)

TEMPORARY BUS STOP DETAIL

DRAWING NO.	MOT-32	SECTION NO.		PROJECT NO.	53-0451												
SHEET NO.	64																
MAINTENANCE OF TRAFFIC DETAILS																	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS														
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">DRAWING NO. MOT-32</td> <td style="width: 50%;">PROJECT NO. 53-0451</td> </tr> <tr> <td>SHEET NO. 64</td> <td>SECTION NO.</td> </tr> <tr> <td colspan="2" style="text-align: center;">SCALE: N.T.S.</td> </tr> </table>						DRAWING NO. MOT-32	PROJECT NO. 53-0451	SHEET NO. 64	SECTION NO.	SCALE: N.T.S.							
DRAWING NO. MOT-32	PROJECT NO. 53-0451																
SHEET NO. 64	SECTION NO.																
SCALE: N.T.S.																	
<table border="0" style="width: 100%;"> <tr> <td style="width: 25%;">DRAWN: CUB</td> <td style="width: 25%;">CHECKED: B/B</td> <td style="width: 25%;">APPROVED: M/F</td> <td style="width: 25%;">DATE: 10/27/2023</td> </tr> <tr> <td>REVISION 1</td> <td>REVISION 2</td> <td>REVISION 3</td> <td>REVISION 4</td> </tr> <tr> <td colspan="4" style="text-align: center;">DESCRIPTION</td> </tr> </table>						DRAWN: CUB	CHECKED: B/B	APPROVED: M/F	DATE: 10/27/2023	REVISION 1	REVISION 2	REVISION 3	REVISION 4	DESCRIPTION			
DRAWN: CUB	CHECKED: B/B	APPROVED: M/F	DATE: 10/27/2023														
REVISION 1	REVISION 2	REVISION 3	REVISION 4														
DESCRIPTION																	
<table border="0" style="width: 100%;"> <tr> <td colspan="2"></td> <td colspan="4"> 30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.8916 Fax: 312.726.8571 www.civiltech.com </td> </tr> </table>								30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.8916 Fax: 312.726.8571 www.civiltech.com									
		30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.8916 Fax: 312.726.8571 www.civiltech.com															

EXISTING

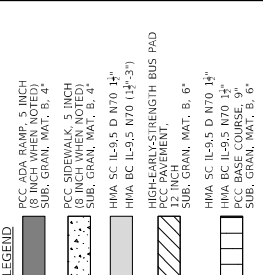
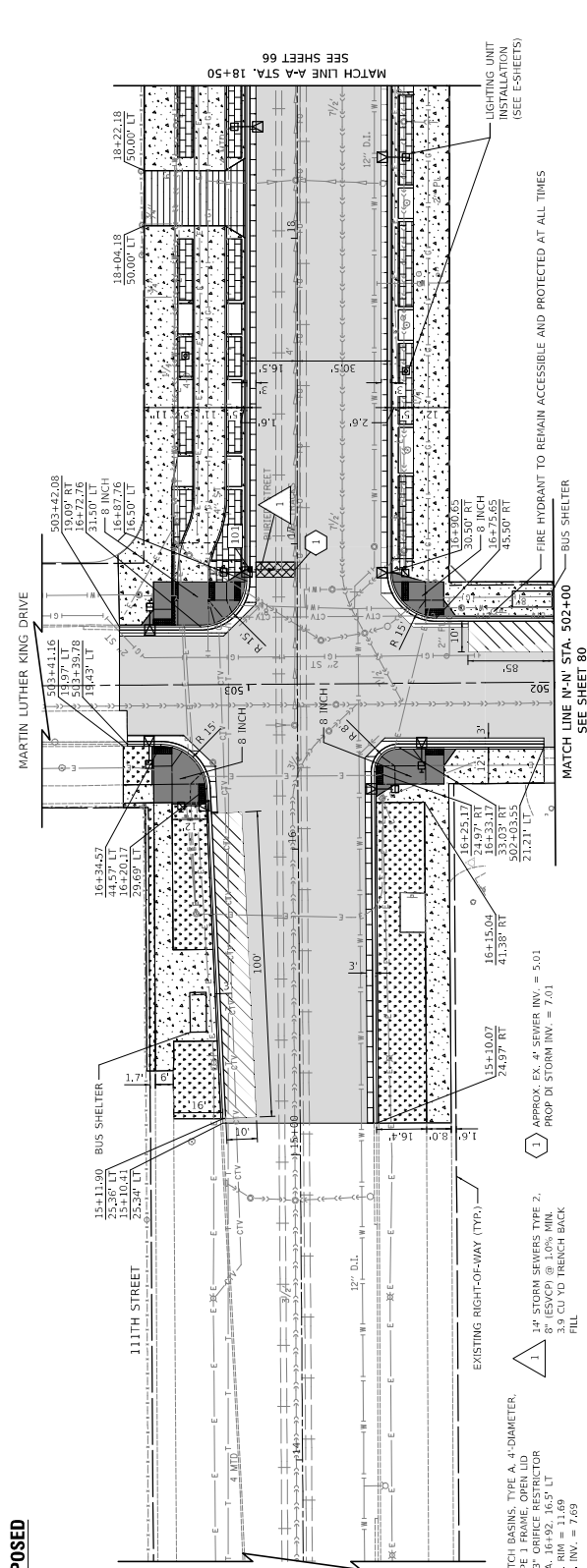


NOTES:

1. THE EXISTING GAO LATERALS MUST BE CAPPED/PLUGGED AT A DISTANCE FROM THE WATER MAIN THAT IS COMPLIANT WITH IEPA SEPARATION REQUIREMENTS FOR SEWER AND PAVEMENT CONSTRUCTION ABOVE EXISTING SEWERS. TELEPHONE SEWERS BEFORE & AFTER CONSTRUCTION AND REPAIR/REPLACE/LINE AS NEEDED. REPAIRS ARE TO BE COORDINATED BETWEEN CDDT AND CDDM.



PROPOSED



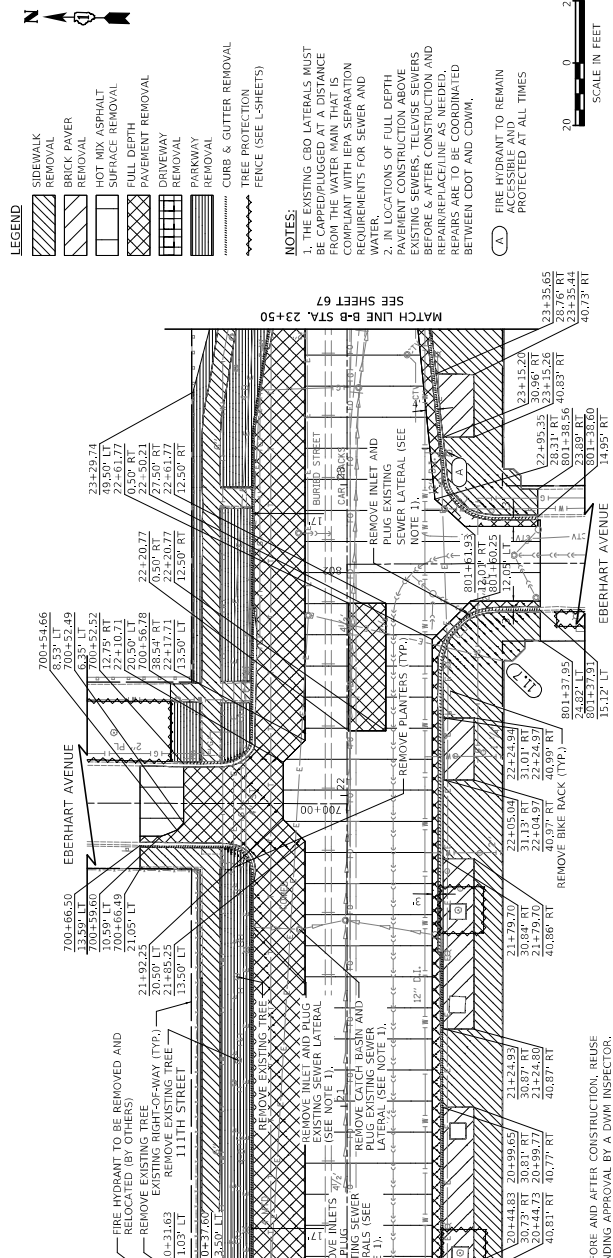
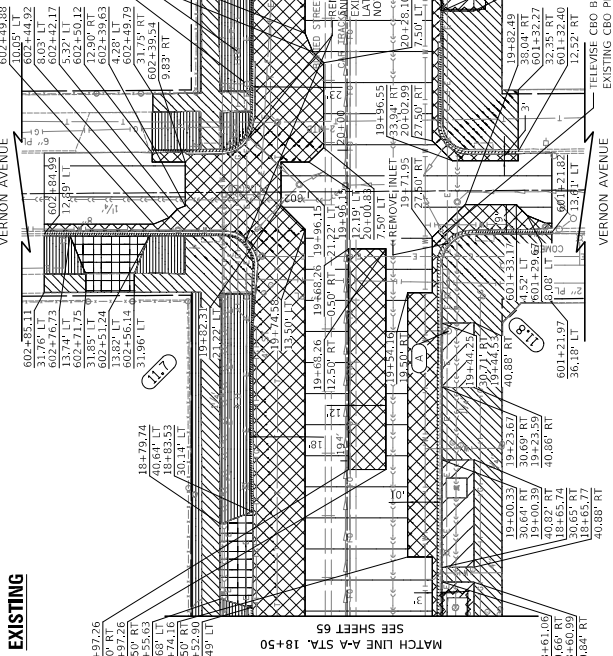
NOTES:

1. 14" STORM SEWERS TYPE 2, 8" ESCCP @ 1.0% MIN. SLOPE TO TRINCH BACK. PR. INV. = 7.69



DRAWING NO.		PROJECT NO.		SECTION NO.		SCALE	
C-01		54541		111TH ST		1"=20'	
REMOVALS AND PROPOSED IMPROVEMENTS PLAN		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS		CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		REMOVALS AND PROPOSED IMPROVEMENTS PLAN	
CHECKED:	CWB	DATE:	10/27/2023	REVISED BY:		DATE:	
APPROVED:	MIF	DATE:		DESCRIPTION:	14" STORM SEWERS TYPE 2, 8" ESCCP @ 1.0% MIN. SLOPE TO TRINCH BACK. PR. INV. = 7.69		
DRAWN:		CWB		30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602		CIVILTECH	
CHECKED:		MIF		Tel: 312.726.5916 - Fax: 312.726.8511		www.civiltech.com	
APPROVED:		MIF		30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602		CIVILTECH	
DATE:		10/27/2023		Tel: 312.726.5916 - Fax: 312.726.8511		www.civiltech.com	

EXISTING



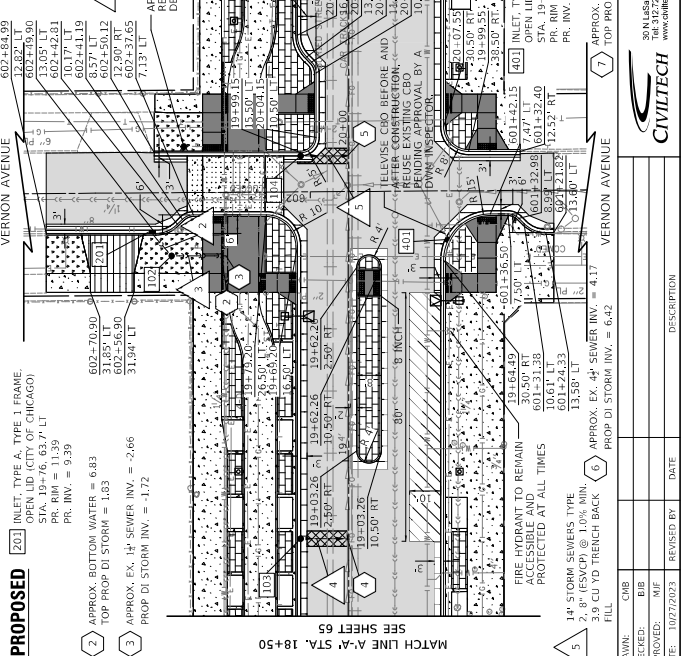
LEGEND

[Pattern]	SIDEWALK REMOVAL
[Pattern]	BRICK PAVEMENT REMOVAL
[Pattern]	HOT MIX ASPHALT SURFACE REMOVAL
[Pattern]	FULL DEPTH PAVEMENT REMOVAL
[Pattern]	DRIVEWAY REMOVAL
[Pattern]	PARKWAY REMOVAL
[Pattern]	CURB & GUTTER REMOVAL
[Pattern]	TREE PROTECTION FENCE (SEE S-SHEETS)

NOTES:
 1. THE EXISTING C&G LATERALS MUST BE CARTRIDGED AT A DISTANCE FROM THE WATER MAIN THAT IS COMPLIANT WITH IHA SEPARATION REQUIREMENTS FOR SEWER AND WATER.
 2. IN LOCATIONS OF FULL DEPTH PAVEMENT CONSTRUCTION ABOVE EXISTING SEWERS, TELEVISION AND REPAIR/REPLACEMENT AS NEEDED, THESE ARE TO BE COORDINATED BETWEEN C&G AND CONVA.

LEGEND

[Pattern]	PCC ADA RAMP, 5 INCH (8 INCH WHEN NOTED)
[Pattern]	PCC SIDEWALK, 5 INCH (8 INCH WHEN NOTED)
[Pattern]	HMA SC (L-9.5 D N70 H ²) SUB, GRAN. MAT. B, 4"
[Pattern]	HMA BC (L-9.5 D N70 H ²) SUB, GRAN. MAT. B, 4"
[Pattern]	HMA SC (L-9.5 D N70 H ²) PCC PAVEMENT, 32 INCH SUB, GRAN. MAT. B, 6"
[Pattern]	HMA BC (L-9.5 D N70 H ²) PCC BASE COURSE, 9" SUB, GRAN. MAT. B, 6"
[Pattern]	HIGH-EARLY-STRENGTH PCC SUB, GRAN. MAT. B, 4"
[Pattern]	HIGH-EARLY-STRENGTH PCC SUB, GRAN. MAT. B, 4"
[Pattern]	FALUTING TOPSOIL
[Pattern]	HIGH-EARLY-STRENGTH PCC CONCRETE PAVEMENT 10 INCH SUB, GRAN. MAT. B, 6"
[Pattern]	CONCRETE PAVER, TYPES 1 & 2 (SEE S-SHEETS)
[Pattern]	CLASS C PATCHES, 9 INCH FORMATION CONCRETE CURB AND GUTTER, TYPE B/2
[Pattern]	CONCRETE CURB, TYPE B
[Pattern]	DETECTABLE WARNING TILES, CAST IRON
[Pattern]	CONCRETE PAVER, TYPE 3



LEGEND

[Pattern]	PCC ADA RAMP, 5 INCH (8 INCH WHEN NOTED)
[Pattern]	PCC SIDEWALK, 5 INCH (8 INCH WHEN NOTED)
[Pattern]	HMA SC (L-9.5 D N70 H ²) SUB, GRAN. MAT. B, 4"
[Pattern]	HMA BC (L-9.5 D N70 H ²) SUB, GRAN. MAT. B, 4"
[Pattern]	HMA SC (L-9.5 D N70 H ²) PCC PAVEMENT, 32 INCH SUB, GRAN. MAT. B, 6"
[Pattern]	HMA BC (L-9.5 D N70 H ²) PCC BASE COURSE, 9" SUB, GRAN. MAT. B, 6"
[Pattern]	HIGH-EARLY-STRENGTH PCC SUB, GRAN. MAT. B, 4"
[Pattern]	HIGH-EARLY-STRENGTH PCC SUB, GRAN. MAT. B, 4"
[Pattern]	FALUTING TOPSOIL
[Pattern]	HIGH-EARLY-STRENGTH PCC CONCRETE PAVEMENT 10 INCH SUB, GRAN. MAT. B, 6"
[Pattern]	CONCRETE PAVER, TYPES 1 & 2 (SEE S-SHEETS)
[Pattern]	CLASS C PATCHES, 9 INCH FORMATION CONCRETE CURB AND GUTTER, TYPE B/2
[Pattern]	CONCRETE CURB, TYPE B
[Pattern]	DETECTABLE WARNING TILES, CAST IRON
[Pattern]	CONCRETE PAVER, TYPE 3

LEGEND

[Pattern]	PCC ADA RAMP, 5 INCH (8 INCH WHEN NOTED)
[Pattern]	PCC SIDEWALK, 5 INCH (8 INCH WHEN NOTED)
[Pattern]	HMA SC (L-9.5 D N70 H ²) SUB, GRAN. MAT. B, 4"
[Pattern]	HMA BC (L-9.5 D N70 H ²) SUB, GRAN. MAT. B, 4"
[Pattern]	HMA SC (L-9.5 D N70 H ²) PCC PAVEMENT, 32 INCH SUB, GRAN. MAT. B, 6"
[Pattern]	HMA BC (L-9.5 D N70 H ²) PCC BASE COURSE, 9" SUB, GRAN. MAT. B, 6"
[Pattern]	HIGH-EARLY-STRENGTH PCC SUB, GRAN. MAT. B, 4"
[Pattern]	HIGH-EARLY-STRENGTH PCC SUB, GRAN. MAT. B, 4"
[Pattern]	FALUTING TOPSOIL
[Pattern]	HIGH-EARLY-STRENGTH PCC CONCRETE PAVEMENT 10 INCH SUB, GRAN. MAT. B, 6"
[Pattern]	CONCRETE PAVER, TYPES 1 & 2 (SEE S-SHEETS)
[Pattern]	CLASS C PATCHES, 9 INCH FORMATION CONCRETE CURB AND GUTTER, TYPE B/2
[Pattern]	CONCRETE CURB, TYPE B
[Pattern]	DETECTABLE WARNING TILES, CAST IRON
[Pattern]	CONCRETE PAVER, TYPE 3

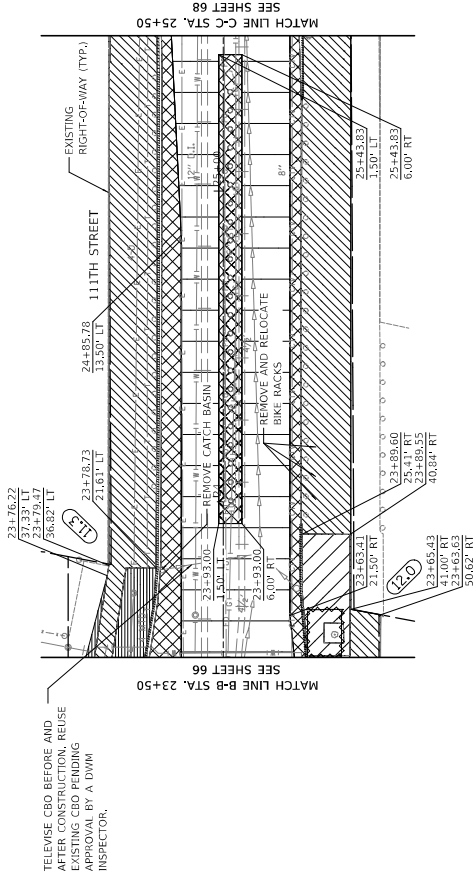
REMOVALS AND PROPOSED IMPROVEMENTS PLAN
 PROJECT NO. 230451 SHEET NO. 66

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

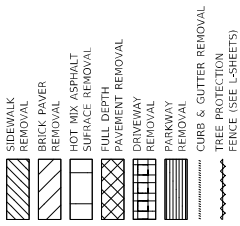
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
 SCALE: 1"=20'

CIVILTECH
 30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602
 TEL: 312.726.8900 FAX: 312.726.8571
 www.civiltech.com

EXISTING

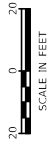


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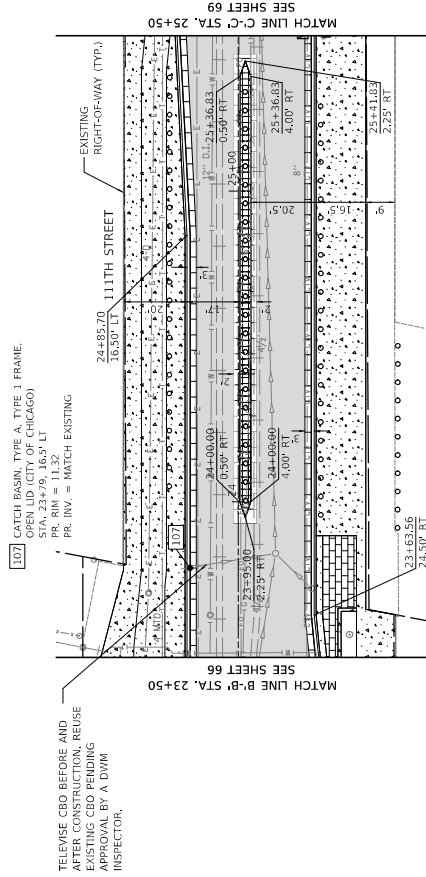


NOTES:

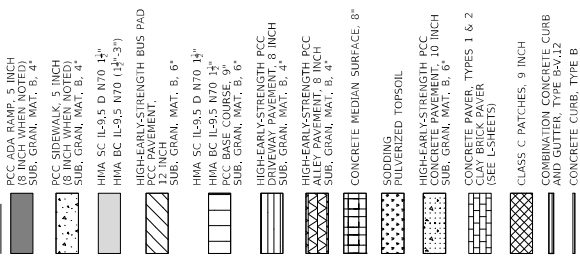
- THE EXISTING C&G LATERALS MUST BE CAPPED/PLUGGED AT A DISTANCE FROM THE WATER MAIN THAT IS COMPLIANT WITH I&PA SEPARATION REQUIREMENTS FOR SEWER AND WATER.
- IN LOCATIONS OF FULL DEPTH PAVEMENT CONSTRUCTION ABOVE EXISTING SEWERS, TELEWISE SEWERS BEFORE & AFTER CONSTRUCTION AND REPAIR/REPLACE/LINE AS NEEDED. SPARK ARCS AND COORDINATED BETWEEN C&G AND CB&M.



PROPOSED



LEGEND

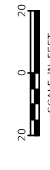
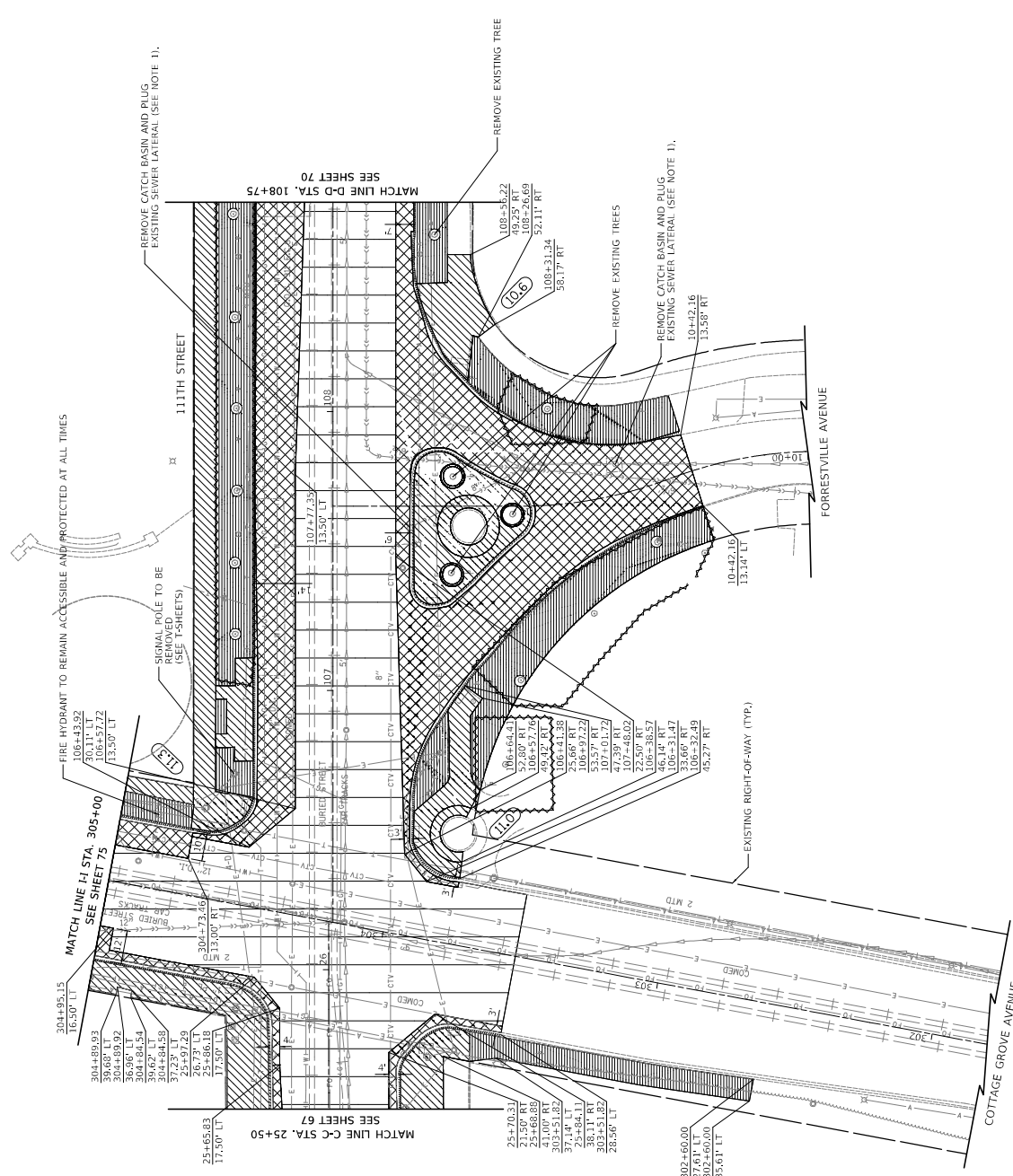


DRAWN: CUB CHECKED: BJB APPROVED: MIF DATE: 10/27/2023	REVISED BY: _____ DATE: _____	DESCRIPTION: _____	<p>CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</p>	<p>111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS</p>	<p>REMOVALS AND PROPOSED IMPROVEMENTS PLAN</p>	DRAWING NO. C-03	SHEET NO. 67
						PROJECT NO. 5245451	SECTION NO. _____

EXISTING



NOTES:
 1. THE EXISTING GBO LATERALS MUST BE CAPPED/PLUGGED AT A DISTANCE FROM THE WATER MAIN THAT IS COMPLIANT WITH IHPA SEPARATION REQUIREMENTS FOR SEWER AND WATER MAINS.
 2. IN LOCATIONS OF FULL DEPTH PAVEMENT CONSTRUCTION ABOVE EXISTING SEWERS, TELEWISE SEWERS BEFORE & AFTER CONSTRUCTION AND REPAIR/REPLACE/LINE AS NEEDED. TREE PROTECTION FENCES SHOULD BE COORDINATED BETWEEN CDDT AND CCMA.



DRAWING NO.
C-04A
 SHEET NO.
 68

REMOVALS AND PROPOSED IMPROVEMENTS PLAN

1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

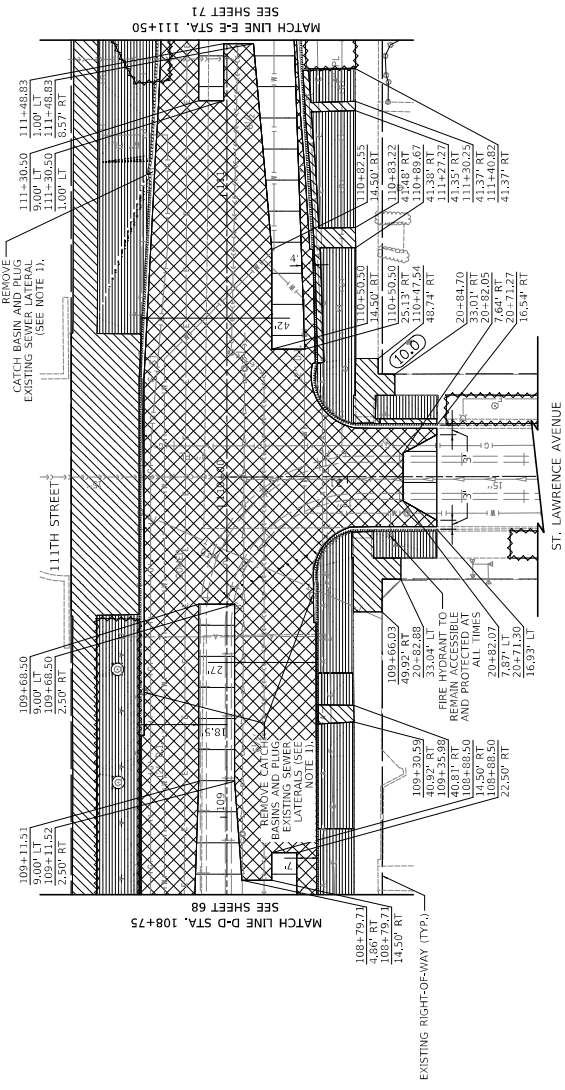
CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602
 Tel: 312.726.8916 - Fax: 312.726.8571
 www.chicago.gov



NO.	DATE	DESCRIPTION
DRAWN:	CHB	
CHECKED:	B/B	
APPROVED:	M/F	
DATE:	10/27/2023	
REVISED BY:		
DATE:		

EXISTING



LEGEND

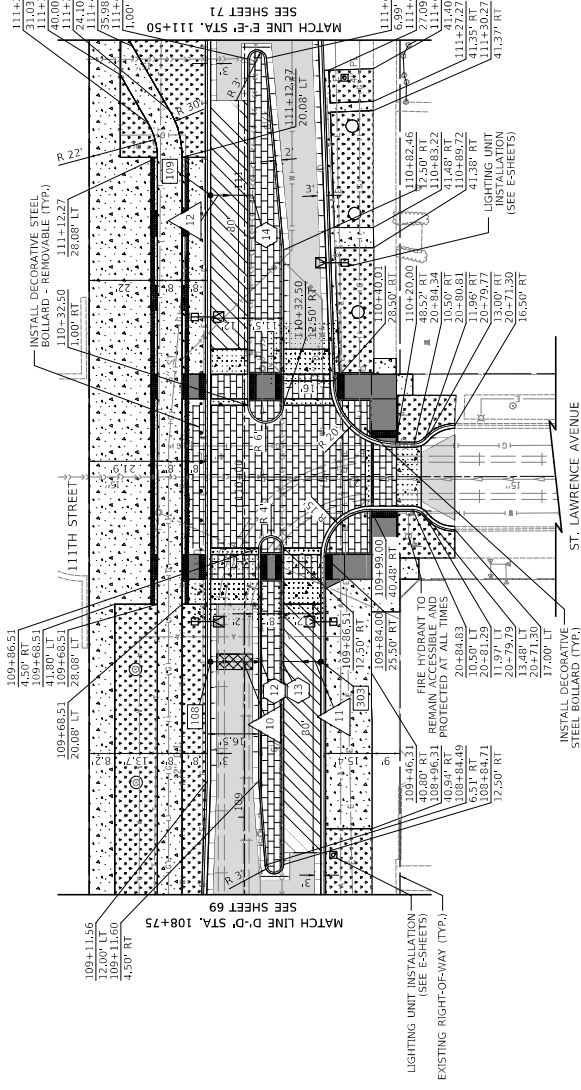
- SIDEWALK REMOVAL
- BRICK PAVEMENT REMOVAL
- HOT MIX ASPHALT SURFACE REMOVAL
- FULL DEPTH PAVEMENT REMOVAL
- DRIVEWAY REMOVAL
- PARKWAY REMOVAL
- CURB & GUTTER REMOVAL
- TREE PROTECTION FENCE (SEE L-SHEETS)

NOTES:

1. THE EXISTING C&G LATERALS MUST BE CAPPED/PLUGGED AT A DISTANCE FROM THE WATER MAIN THAT IS COMPLIANT WITH I&PA SEPARATION REQUIREMENTS FOR SEWER AND WATER.
2. IN LOCATIONS OF FULL DEPTH PAVEMENT CONSTRUCTION ABOVE EXISTING SEWERS, TELEVISION SEWERS BEFORE & AFTER CONSTRUCTION AND REPAIR/REPLACE/LINE AS NEEDED. PARKWAY AREAS TO BE COORDINATED BETWEEN C&G AND C&M.



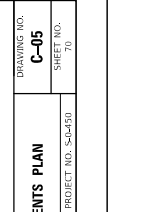
PROPOSED

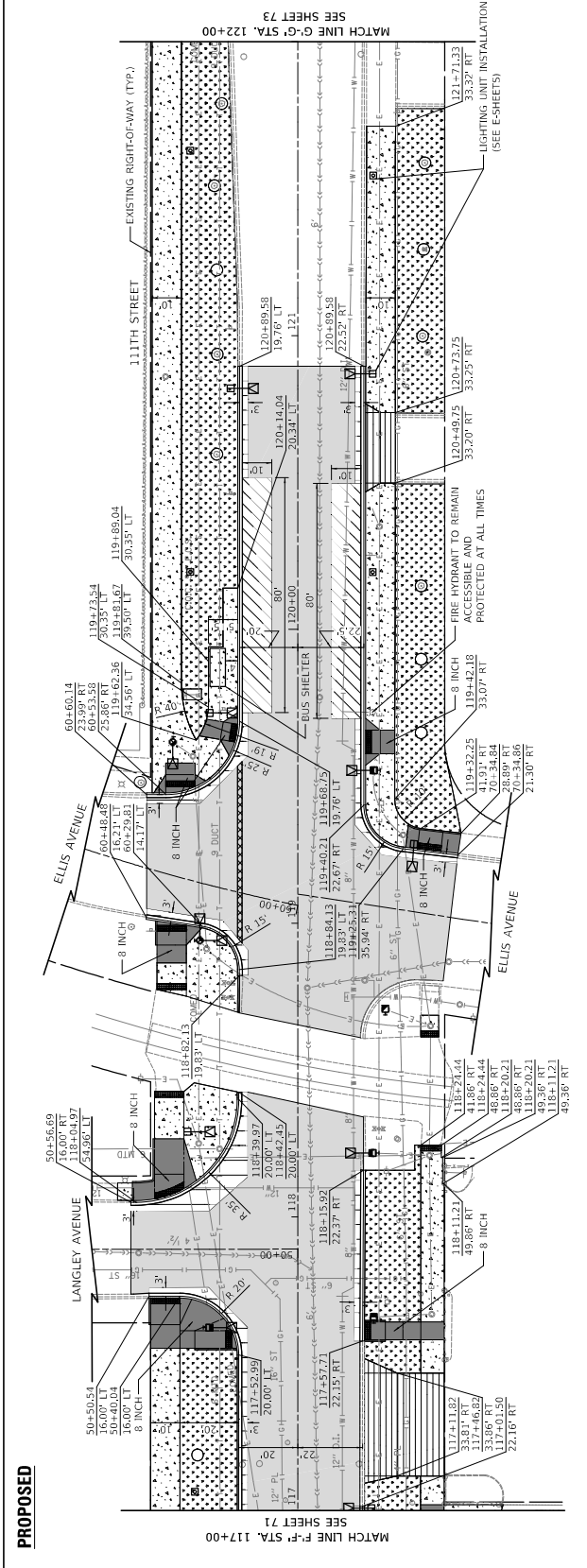
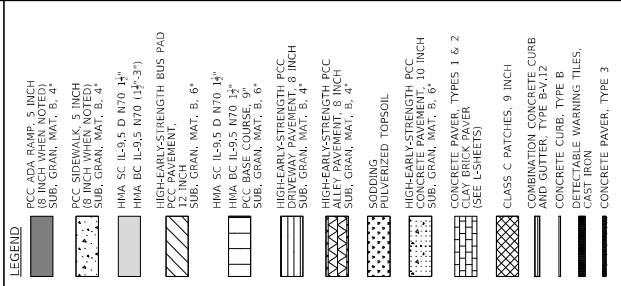
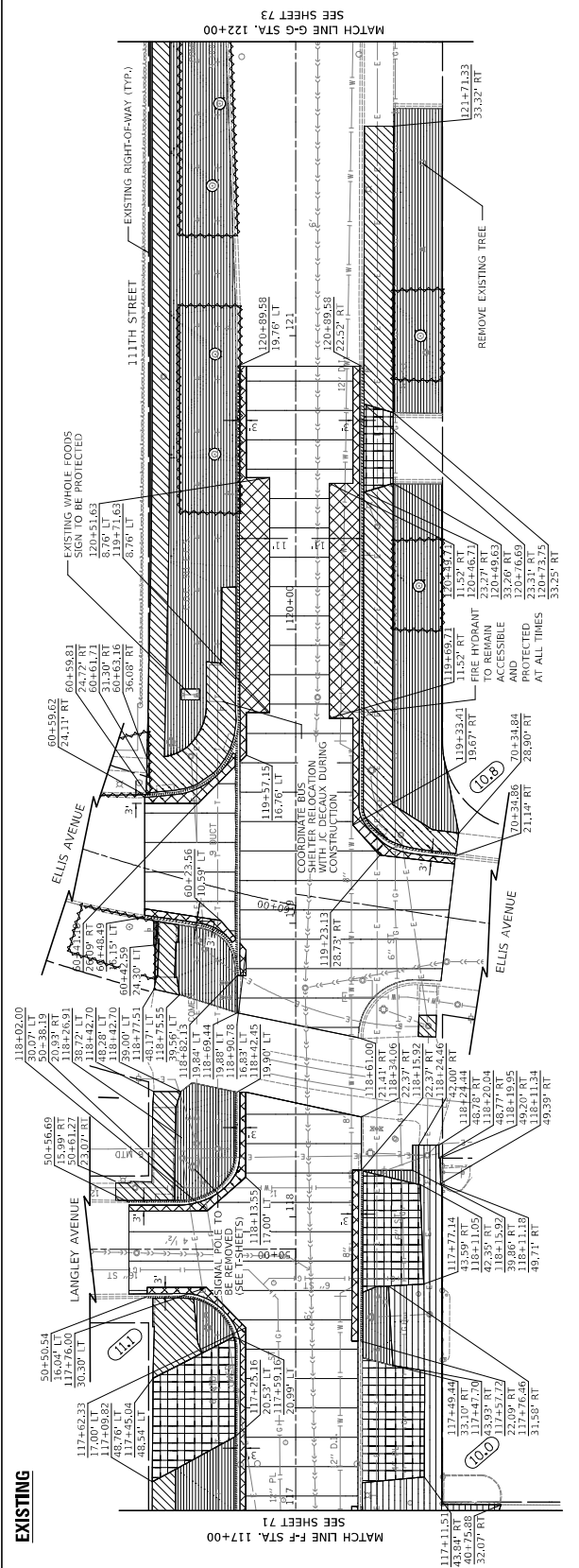
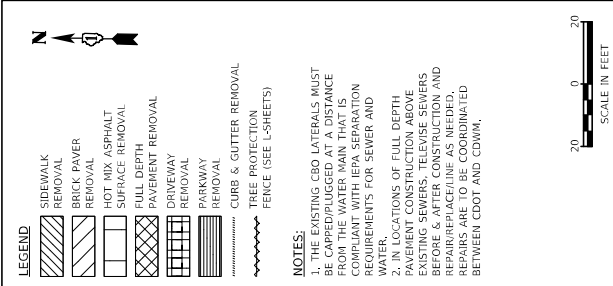


LEGEND

- PCC ADA RAMP, 5 INCH (8 INCH WHEN NOTED) SUB. GRAN. MAT. B, 4"
- PCC SIDEWALK, 5 INCH (8 INCH WHEN NOTED) SUB. GRAN. MAT. B, 4"
- HMA BC (L-9.5 D N70 H³) HIGH-EARLY-STRENGTH BUS PAD PCC PAVEMENT.
- 32 INCH SUB. GRAN. MAT. B, 6"
- HMA SC (L-9.5 D N70 H³) HIGH-EARLY-STRENGTH PCC
- PCC BASE COURSE, 9" SUB. GRAN. MAT. B, 6"
- HIGH-EARLY-STRENGTH PCC SUB. GRAN. MAT. B, 4"
- HIGH-EARLY-STRENGTH PCC SUB. GRAN. MAT. B, 6"
- SOLIDIFIED TOPSOIL FULTONIZED
- HIGH-EARLY-STRENGTH PCC SUB. GRAN. MAT. B, 6"
- CONCRETE PAVEMENT, TYPES 1 & 2 (SEE G-SHEETS)
- FORMATION CONCRETE CURB AND GUTTER, TYPE B
- CONCRETE CURB, TYPE B
- DETECTABLE WARNING TILES, CAST IRON
- CONCRETE PAVEMENT, TYPE 3

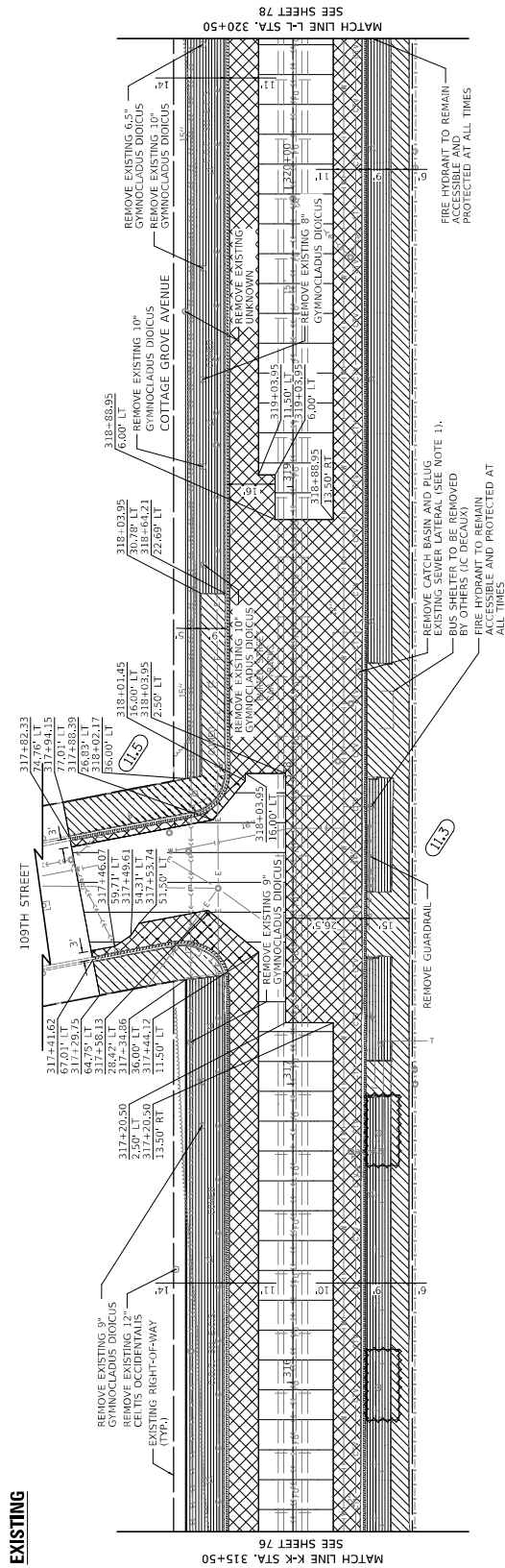
- 108 CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID STA. 109+50.00, 110' LT. PR. INV. = 10.11
- 109 CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID STA. 109+50.00, 24.5' RT. PR. INV. = 9.68
- 110 W/3" ORIFICE RESTRICTOR STA. 111-00.00, 11.00' LT. PR. INV. = 4.94
- 111 16" STORM SEWERS TYPE 2, 8" (ES/CP) @ 1.0% MIN. 3.2 CU YD TRENCH BACK
- 112 12" STORM SEWERS TYPE 2, 8" (ES/CP) @ 1.0% MIN. 3.5 CU YD TRENCH BACK
- 113 16" STORM SEWERS TYPE 2, 8" (ES/CP) @ 1.0% MIN. 3.5 CU YD TRENCH BACK
- 114 APPROX. EX. 6" SEWER INV. = -7.84 PROP DI STORM INV. = -5.84
- 115 APPROX. EX. 6.5" SEWER INV. = -10.35 PROP DI STORM INV. = -8.35
- 116 APPROX. EX. 6.5" SEWER INV. = -10.27 PROP DI STORM INV. = -8.27





PROJECT NO. 117-200	SECTION NO.	SCALE: 1/2"=20'	REMOVALS AND PROPOSED IMPROVEMENTS	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	CIVILTECH 30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602 Tel: 312.726.8590 - Fax: 312.726.8571 www.civiltech.com	DRAWING NO. C-07	SHEET NO. 72
CHECKED: MIF	DATE: 10/27/2023	REVISION BY:	DATE:	DESCRIPTION:				

EXISTING



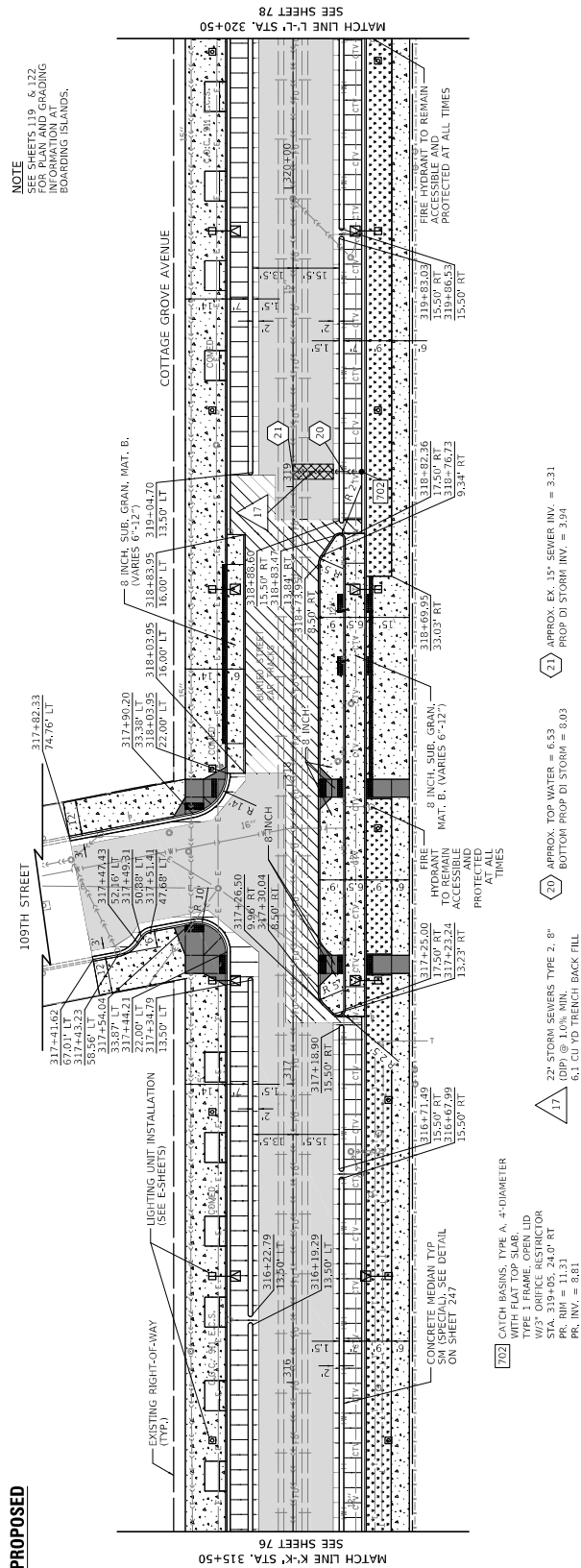
LEGEND

- SIDEWALK REMOVAL
- BRICK PAVEMENT REMOVAL
- HOT MIX ASPHALT SURFACE REMOVAL
- FULL DEPTH PAVEMENT REMOVAL
- DRIVEWAY REMOVAL
- PARKWAY REMOVAL
- CURB & GUTTER REMOVAL
- TREE PROTECTION FENCE (SEE L-SHEETS)

NOTES:
 1. THE EXISTING GAO LATERALS MUST BE CAP/PLUGGED AT A DISTANCE FROM THE WATER MAIN THAT IS COMPLIANT WITH IHPA SEPARATION REQUIREMENTS FOR SEWER AND WATER MAINS.
 2. IN LOCATIONS OF FULL DEPTH PAVEMENT CONSTRUCTION ABOVE EXISTING SEWERS, TELEVISION SEWERS BEFORE & AFTER CONSTRUCTION AND REPAIR/REPLACE/LINE AS NEEDED, THE SEWERS ARE TO BE COORDINATED BETWEEN CDDT AND CONWA.



PROPOSED



LEGEND

- PCC ADA RAMP, 5 INCH (8 INCH WHEN NOTED) SUB. GRAN. MAT. B, 4"
- PCC SIDEWALK, 5 INCH (8 INCH WHEN NOTED) SUB. GRAN. MAT. B, 4"
- HMA SC (L-9.5 D R70 H*)
- HIGH-EARLY-STRENGTH BUS PAD PCC PAVEMENT, 3.2 INCH SUB. GRAN. MAT. B, 6"
- HMA BC (L-9.5 R70 H*)
- PCC BASE COURSE, 9" SUB. GRAN. MAT. B, 6"
- HIGH-EARLY-STRENGTH PCC SUB. GRAN. MAT. B, 4"
- HIGH-EARLY-STRENGTH PCC SUB. GRAN. MAT. B, 4"
- SODDING
- FULTERRIED TOPSOIL
- HIGH-EARLY-STRENGTH PCC SUB. GRAN. MAT. B, 6"
- CONCRETE PAVEMENT, TYPES 1 & 2 (SEE L-SHEETS)
- CLASS C PATCHES, 9 INCH
- FORMATION CONCRETE CURB AND GUTTER, TYPE BAV/2
- CONCRETE CURB, TYPE B
- DETECTABLE WARNING TILES, CAST IRON
- CONCRETE PAVEMENT, TYPE 3

NOTE
 SEE SHEETS 119 & 122 FOR GRADING INFORMATION AT BOARDING ISLANDS.



DRAWN:	CWB	DATE:	10/27/2023	REVISION BY:	DATE:	DESCRIPTION:
CHECKED:	BIB					
APPROVED:	MIF					

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

SCALE: 1"=20'
 SECTION NO.:
 PROJECT NO.: S045451

CIVILTECH
 30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602
 Tel: 312.726.8900 - Fax: 312.726.8571
 www.civiltech.com

REMOVALS AND PROPOSED IMPROVEMENTS PLAN

DRAWING NO.: **C-12**
 SHEET NO.: 77

APPROX. EX. 15" SEWER INV. = 3.31
 BOTTOM PROP. DI STORM INV. = 3.34

APPROX. TOP WATER = 6.53
 BOTTOM PROP. DI STORM = 8.03

22" STORM SEWERS TYPE 2, 8" W/3" ORIFICE RESTRICTOR STA. 319+05.24 TO 317+23.24 PR. INV. = 8.31

6.4 CU YD TRENCH BACK FILL

17' CATCH BASINS, TYPE A, 4'-DIAMETER WITH FLAT TOP SLAB TYPE 1 FRAME, OPEN LID W/3" ORIFICE RESTRICTOR STA. 319+05.24 TO 317+23.24 PR. INV. = 8.31

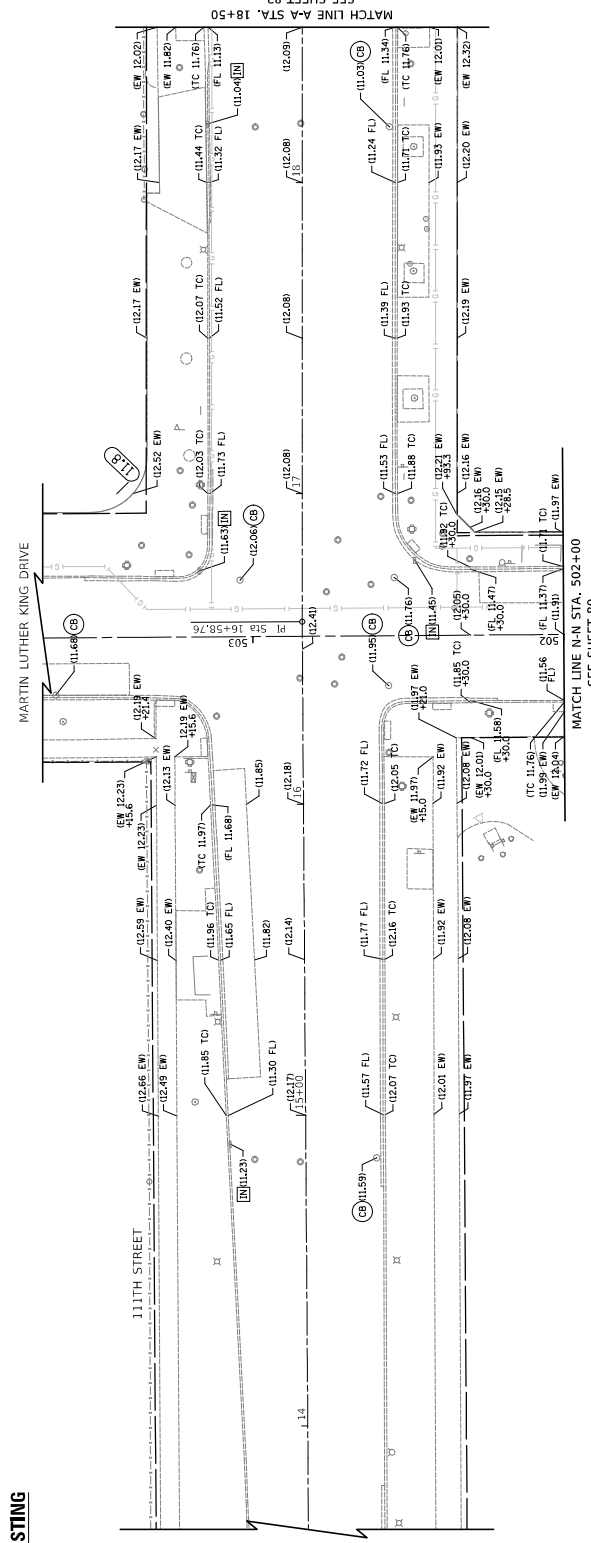
20' APPROX. EX. 15" SEWER INV. = 3.31
 BOTTOM PROP. DI STORM INV. = 3.34

21' APPROX. EX. 15" SEWER INV. = 3.31
 BOTTOM PROP. DI STORM INV. = 3.34

EXISTING

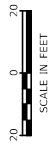
- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - IN - INLET RIM ELEVATION
 - OB - CATCH BASIN RIM ELEVATION
 - XX.X - ORDINANCE GRADE

- NOTES**
1. SEE DRAWINGS C-01 - C-09 FOR LOCATION INFORMATION OF REMOVALS.
 2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



SEE SHEET 82
MATCH LINE A-A STA. 18+50

MATCH LINE N-N STA. 502+00
SEE SHEET 80

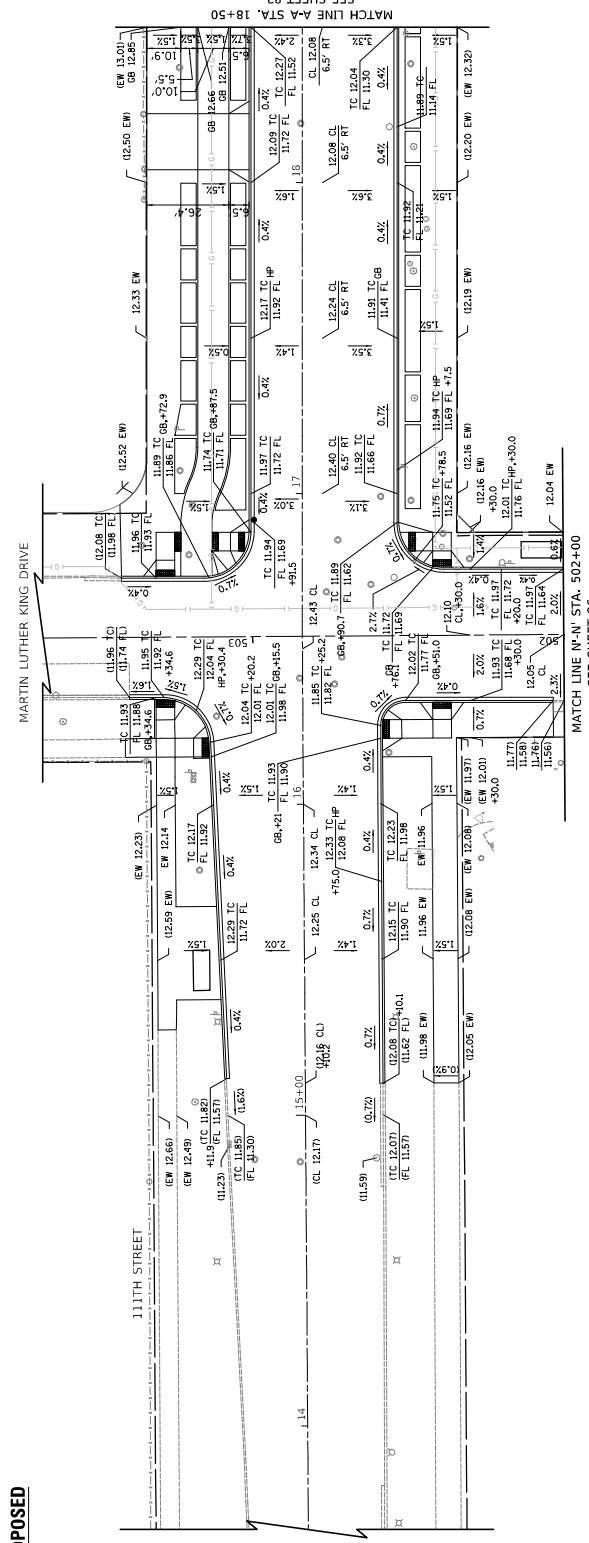


DRAWING NO.	G-01
SHEET NO.	81
SECTION NO.	PROJECT NO. 545451

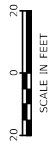
PROPOSED

- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - XX.XX - PROPOSED ELEVATION
 - CL - CENTERLINE
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - HP - FLOW LINE HIGH POINT
 - GB - FLOW LINE GRADE BREAK

- NOTES**
1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
 2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATING/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
 3. SEE DRAWINGS G-10 - G-23 FOR ADA BOARDING CURB BUMP-OUT, BUS BOARDING ISLAND, ALLEY, AND DRIVEWAY GRADING DETAILS.
 4. PROPOSED ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



SEE SHEET 82
MATCH LINE A-A STA. 18+50



DRAWING NO.	G-01
SHEET NO.	81
SECTION NO.	PROJECT NO. 545451

GRADING PLAN

1117TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

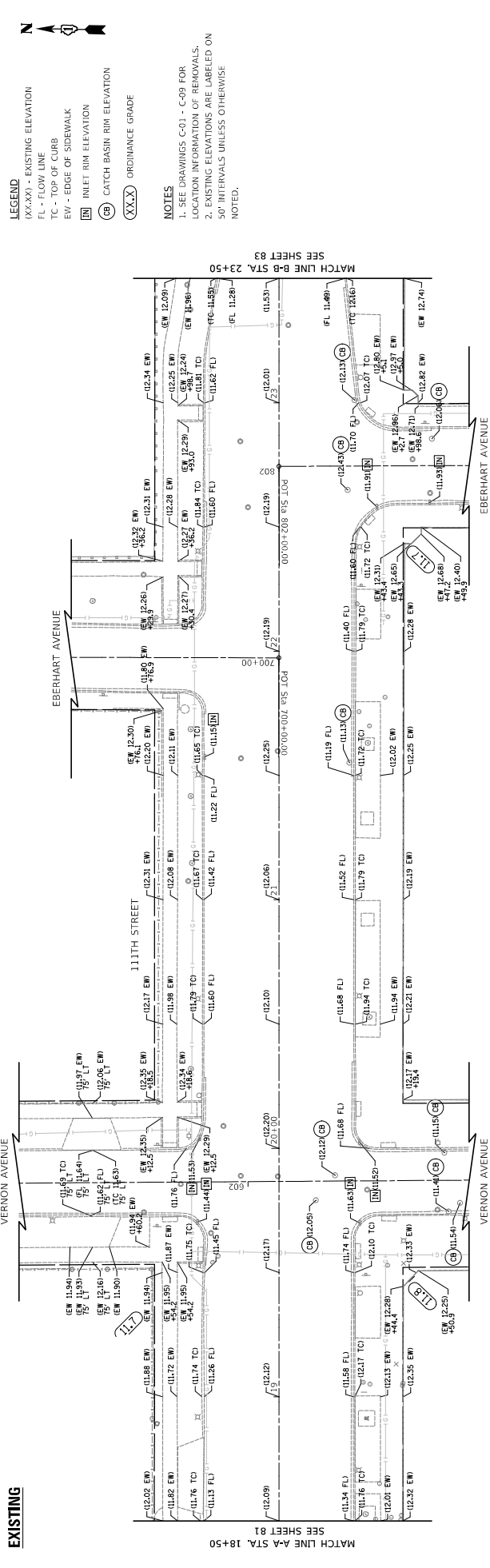
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT

30 N. LaSalle St., Suite 2220 - Chicago, Illinois 60602
Tel: 312.726.5919 | Fax: 312.726.8511
www.chicago.gov



DRAWN:	CUB	DATE:
CHECKED:	BIB	
APPROVED:	M/F	
DATE:	10/27/2023	REVIEWED BY:
DESCRIPTION:		

EXISTING



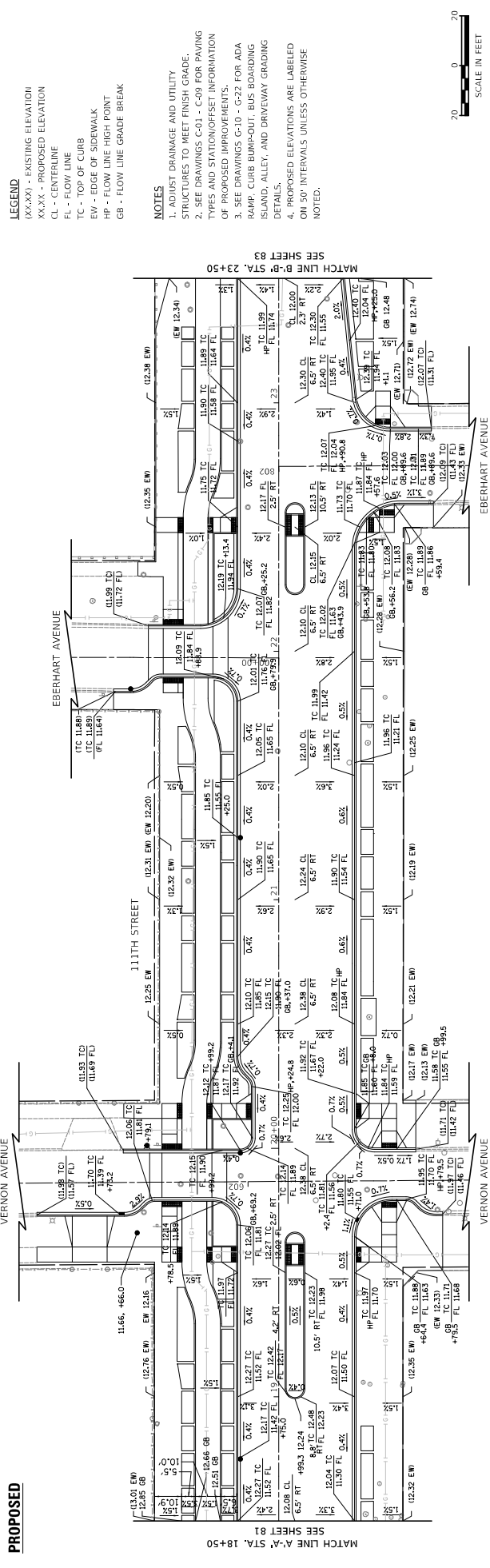
- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - (IN) INLET RIM ELEVATION
 - (CB) CATCH BASIN RIM ELEVATION
 - (XX.X) ORDNANCE GRADE

- NOTES**
1. SEE DRAWINGS C-01 - C-09 FOR LOCATION INFORMATION OF REMOVALS.
 2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.

MATCH LINE A-A STA. 18+50
SEE SHEET 81

MATCH LINE B-B STA. 23+50
SEE SHEET 83

PROPOSED



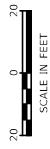
- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - XX.XX - PROPOSED ELEVATION
 - CL - CENTERLINE
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - HP - FLOW LINE HIGH POINT
 - GB - FLOW LINE GRADE BREAK

- NOTES**
1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
 2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATION/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
 3. SEE DRAWINGS G-10 - G-23 FOR ADA RAMP, CURB BUMP-OUT, BUS BOARDING ISLAND, ALLEY, AND DRIVEWAY GRADING DETAILS.
 4. PROPOSED ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.

MATCH LINE A-A STA. 18+50
SEE SHEET 81

MATCH LINE B-B STA. 23+50
SEE SHEET 83

<p>DRAWN: CUB</p> <p>CHECKED: BJB</p> <p>APPROVED: MIF</p> <p>DATE: 10/27/2023</p>	<p>DESCRIPTION:</p>	<p>CITY OF CHICAGO</p> <p>DEPARTMENT OF TRANSPORTATION</p> <p>DIVISION OF PROJECT DEVELOPMENT</p>	<p>111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS</p>
<p>30 N. LaSalle St. Suite 3200 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.chicago.gov</p>		<p>SCALE: 1"=20'</p>	<p>SECTION NO. 82</p>
<p>PROJECT NO. S0451</p>		<p>DRAWING NO. G-02</p> <p>SHEET NO. 82</p>	

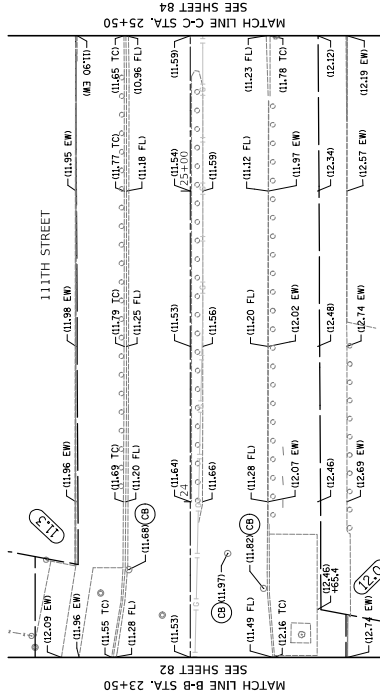


SCALE IN FEET

EXISTING

- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - IN - INLET RIM ELEVATION
 - OB - CATCH BASIN RIM ELEVATION
 - (XX.X) ORDINANCE GRADE

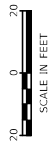
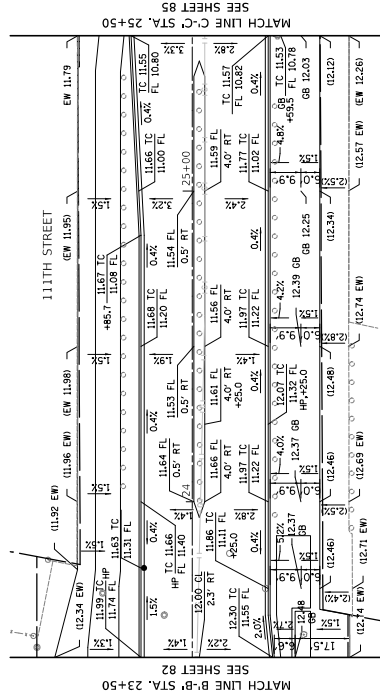
- NOTES**
1. SEE DRAWINGS C-01 - C-09 FOR LOCATION INFORMATION OF REMOVALS.
 2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



PROPOSED

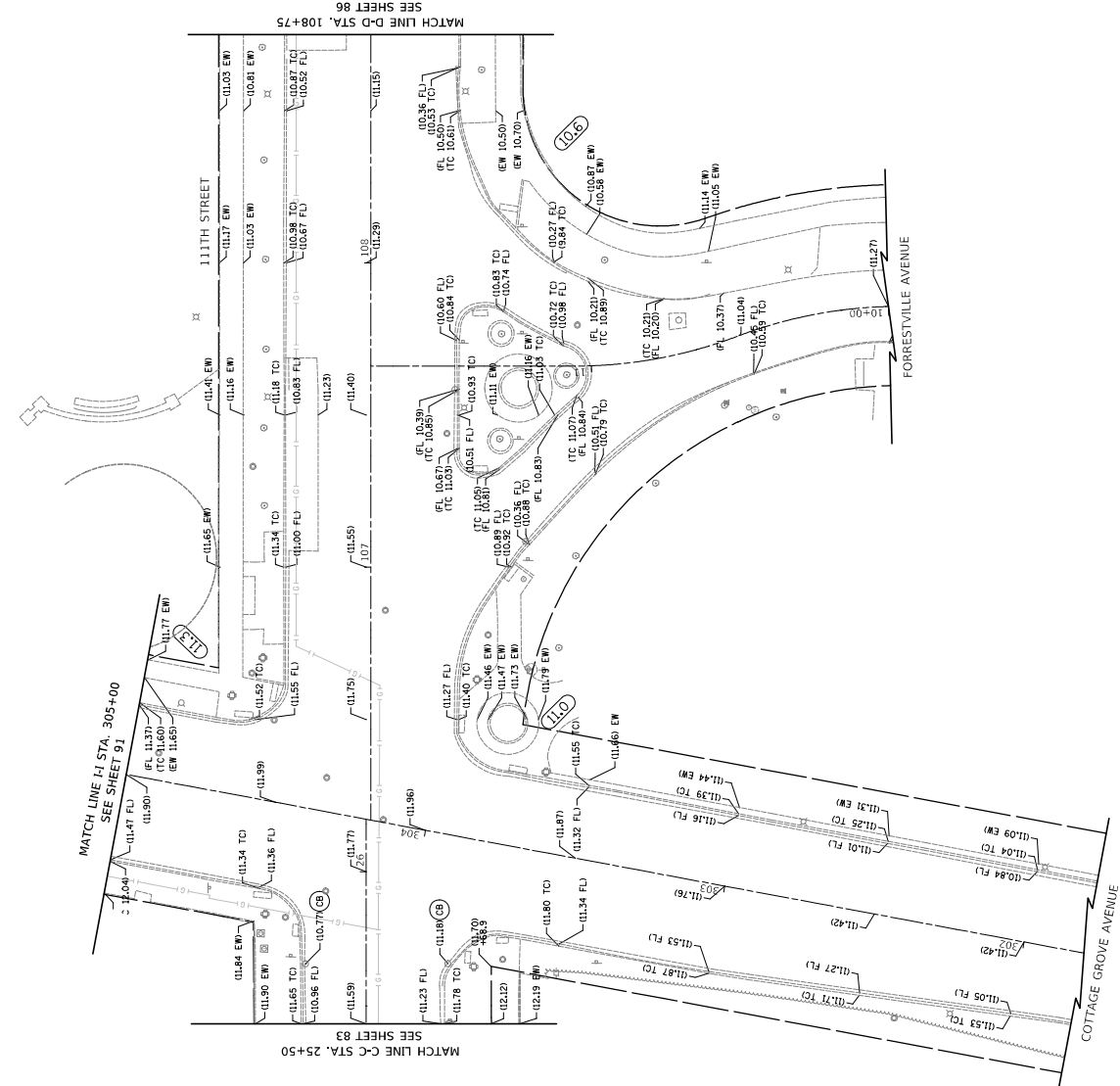
- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - XX.XX - PROPOSED ELEVATION
 - CL - CENTERLINE
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - HP - FLOW LINE HIGH POINT
 - GB - FLOW LINE GRADE BREAK

- NOTES**
1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
 2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATION/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
 3. SEE DRAWINGS C-10 - C-23 FOR ADA (RAMP, CURB BUMP-OUT, BUS BOARDING ISLAND, ALLET, AND DRIVEWAY GRADING DETAILS.
 4. PROPOSED ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



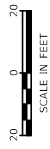
DRAWING NO. C-03		PROJECT NO. 545451	
SHEET NO. 83		SECTION NO.	
DRAWING TITLE GRADING PLAN		SECTION TITLE 1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
DRAWN: CUB		DATE:	
CHECKED: BJB		REVISED BY:	
APPROVED: MIF		DATE:	
DATE: 10/27/2023		DESCRIPTION:	
<p>CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</p> <p>30 N. LaSalle St. Suite 3200 - Chicago, Illinois 60602 Tel: 312.726.5919 Fax: 312.726.8571 www.chicago.gov</p> <p>CIVILTECH</p>			

EXISTING



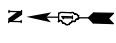
- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - IN - INLET RIM ELEVATION
 - CB - CATCH BASIN RIM ELEVATION
 - (XX.X) ORDINANCE GRADE

- NOTES**
1. SEE DRAWINGS C-01 - C-09 FOR LOCATION INFORMATION OF REMOVALS.
 2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



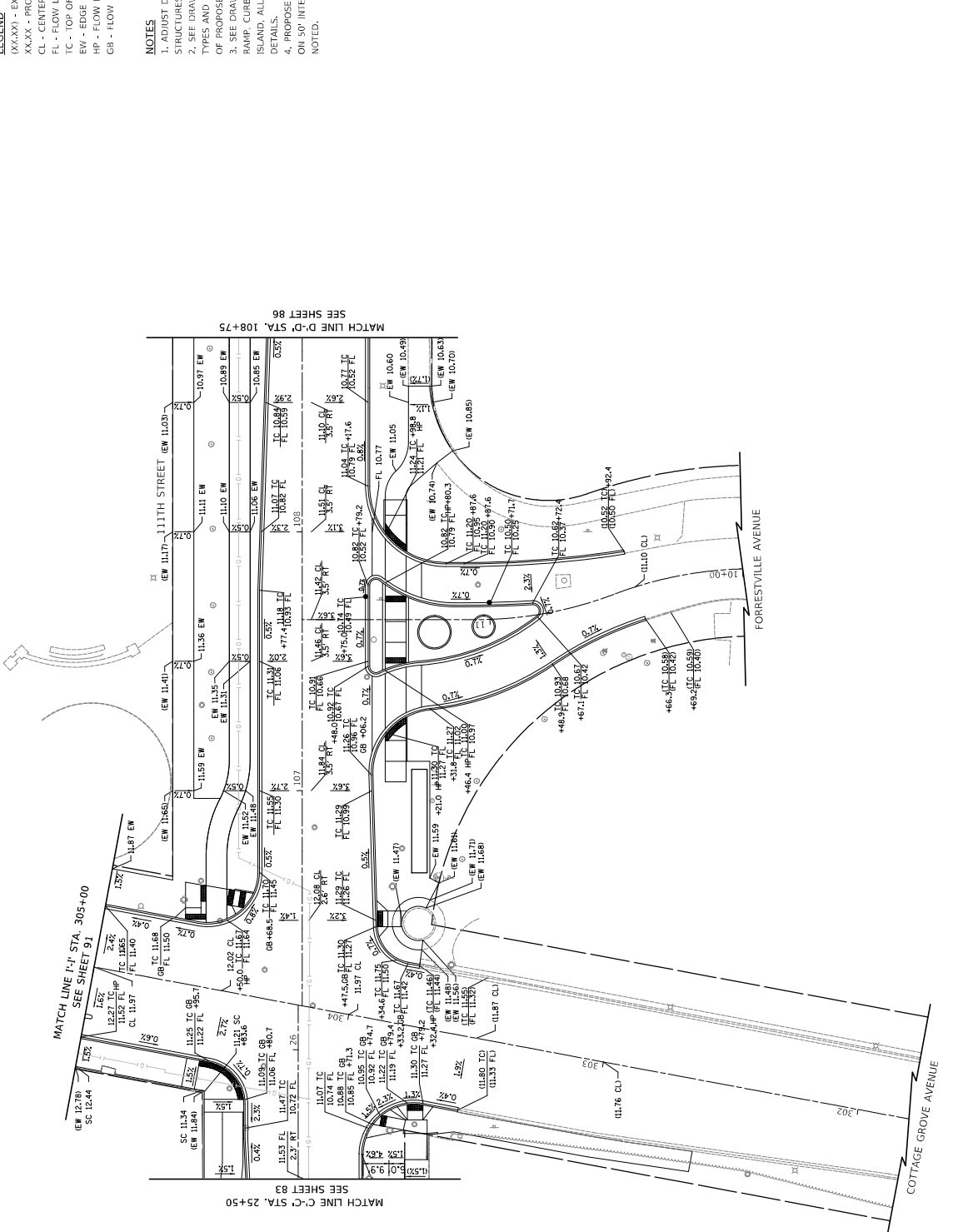
DRAWN: CUB	DATE: 10/27/2023	REVISION BY:	DATE:	DESCRIPTION:
CHECKED: B/B				
APPROVED: M/F				
30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.civiltech.com				
CITY OF CHICAGO		1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS		
DEPARTMENT OF TRANSPORTATION		GRADING PLAN		
DIVISION OF PROJECT DEVELOPMENT		DRAWING NO. C-04A		
		SECTION NO. 84		
		PROJECT NO. 540451		
		SCALE: 1"=20'		

PROPOSED



- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - XX.XX - PROPOSED ELEVATION
 - CL - CENTERLINE
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - HP - FLOW LINE HIGH POINT
 - GB - FLOW LINE GRADE BREAK

- NOTES**
1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
 2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATION/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
 3. SEE DRAWINGS G-10 - G-22 FOR ADA RAMP, CURB BURF-OUT, BUS BOARDING ISLAND, ALLEY, AND DRIVEWAY GRADING DETAILS.
 4. PROPOSED ELEVATIONS ARE LABELED ON 5' INTERVALS UNLESS OTHERWISE NOTED.



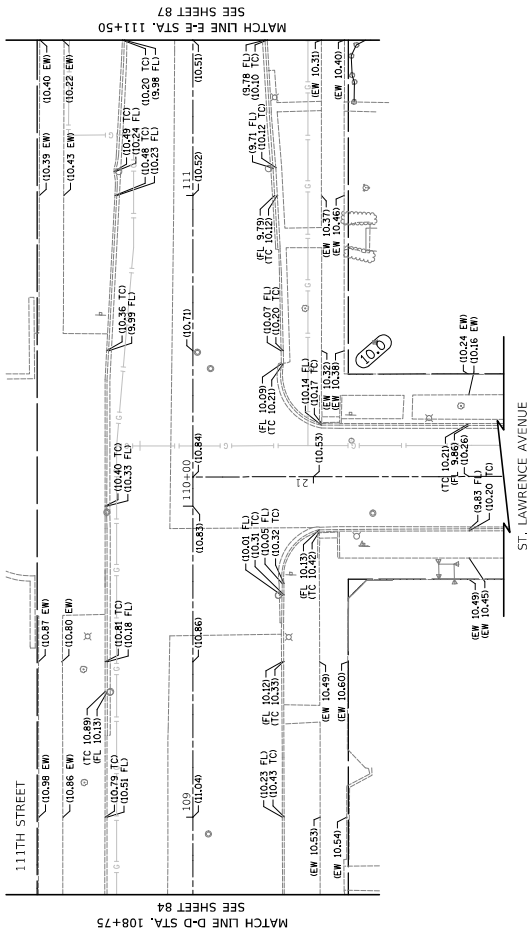
SCALE IN FEET
20 0 20

DRAWING NO. C-04B		PROJECT NO. 540451	
SHEET NO. 85		SECTION NO.	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.chicago.gov			
CIVILTECH			
DRAWN: CURB	CHECKED: B/B	APPROVED: M/F	DATE: 10/27/2023
REVISION BY:	DATE:	REVISION BY:	DATE:
DESCRIPTION:			

EXISTING

- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - (IN) INLET RIM ELEVATION
 - (CB) CATCH BASIN RIM ELEVATION
 - (XX.X) ORDINANCE GRADE

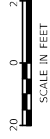
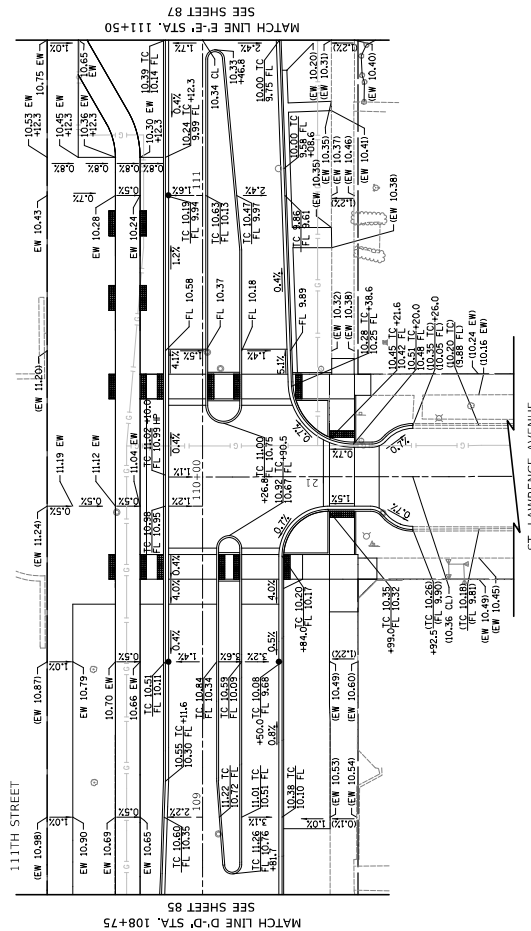
- NOTES**
1. SEE DRAWINGS C-01 - C-09 FOR LOCATION INFORMATION OF REMOVALS.
 2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



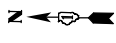
PROPOSED

- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - XX.XX - PROPOSED ELEVATION
 - CL - CENTERLINE
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - HP - FLOW LINE HIGH POINT
 - GB - FLOW LINE GRADE BREAK

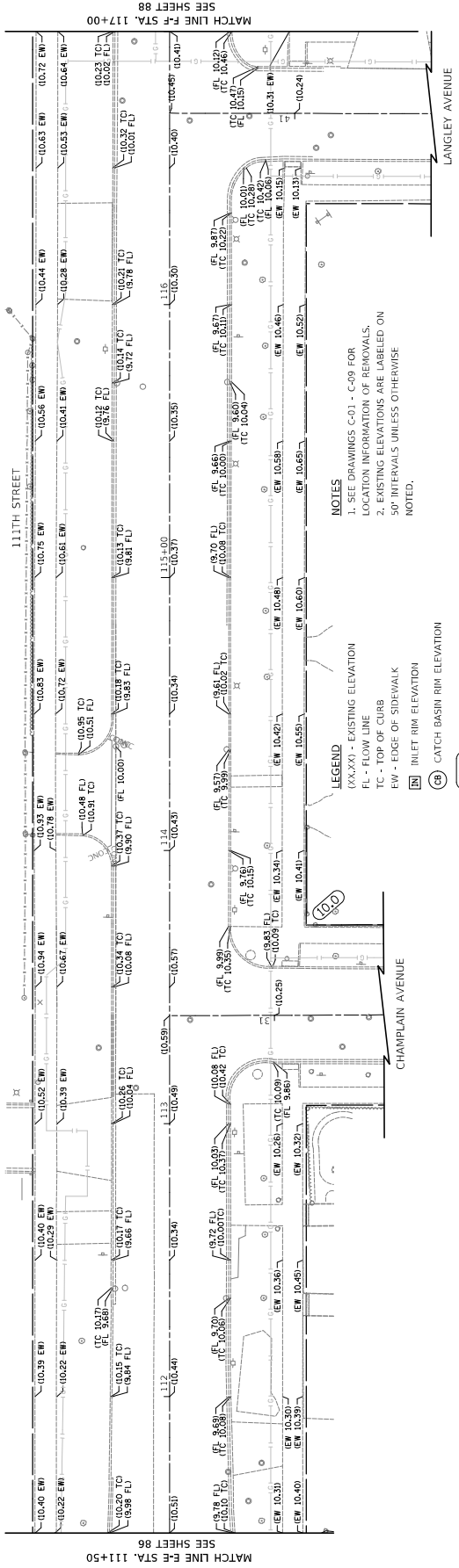
- NOTES**
1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
 2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATION/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
 3. SEE DRAWINGS G-10 - G-27 FOR ADA BOARDING CURB BUMP-OUT, BUS BOARDING DETAILS, ALLEY, AND DRIVEWAY GRADING.
 4. PROPOSED ELEVATIONS ARE LABELED ON 30' INTERVALS UNLESS OTHERWISE NOTED.



DRAWING NO. G-05		SECTION NO. 86	
PROJECT NO. 545451		SCALE: 1"=20'	
GRADING PLAN		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	
30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.chicago.gov		CIVILTECH www.civiltech.com	
DRAWN: CUB	DATE: 10/27/2023	REVISION BY:	DATE:
CHECKED: B/B			
APPROVED: M/F			
DESCRIPTION:			



EXISTING



NOTES

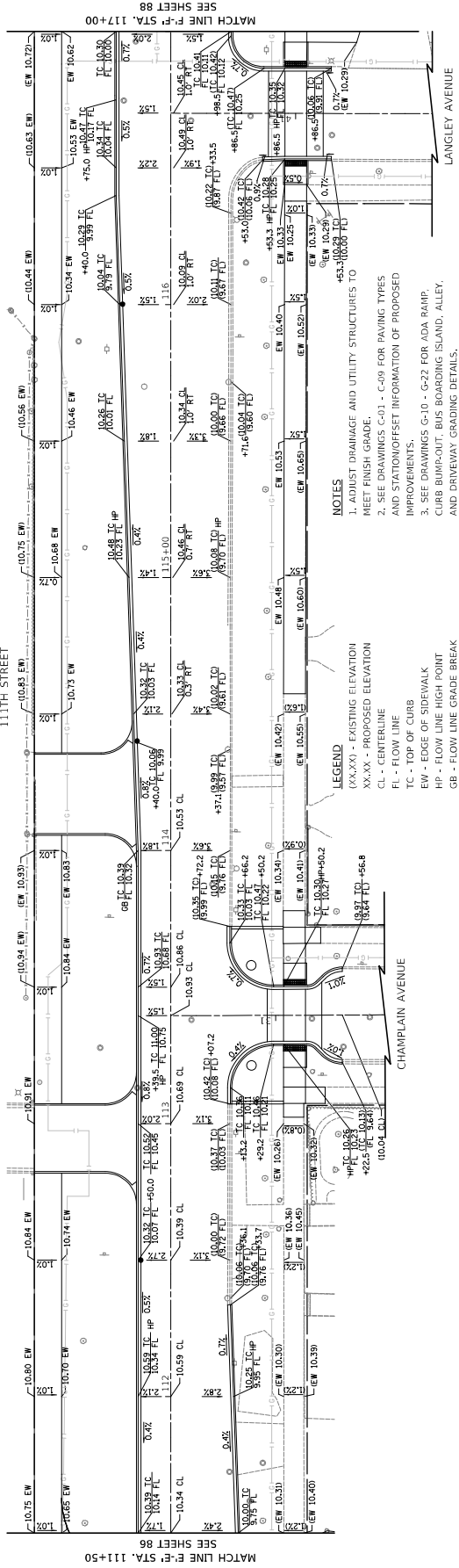
1. SEE DRAWINGS C-01 - C-09 FOR LOCATION INFORMATION OF REMOVALS.
2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.

LEGEND

(XX.XX) - EXISTING ELEVATION
 FL - FLOW LINE
 TC - TOP OF CURB
 EW - EDGE OF SIDEWALK

(N) INLET RIM ELEVATION
 (B) CATCH BASIN RIM ELEVATION
 (XX.X) ORDINANCE GRADE

PROPOSED

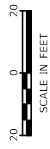


NOTES

1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATION/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
3. SEE DRAWINGS G-10 - G-22 FOR ADA RAMP, CURB BUMPS-OUT, BUS BOARDING ISLAND, ALLEY, AND DRIVEWAY GRADING DETAILS.
4. PROPOSED ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.

LEGEND

(XX.XX) - EXISTING ELEVATION
 XX.XX - PROPOSED ELEVATION
 CL - CENTERLINE
 FL - FLOW LINE
 TC - TOP OF CURB
 EW - EDGE OF SIDEWALK
 HP - FLOW LINE HIGH POINT
 GB - FLOW LINE GRADE BREAK

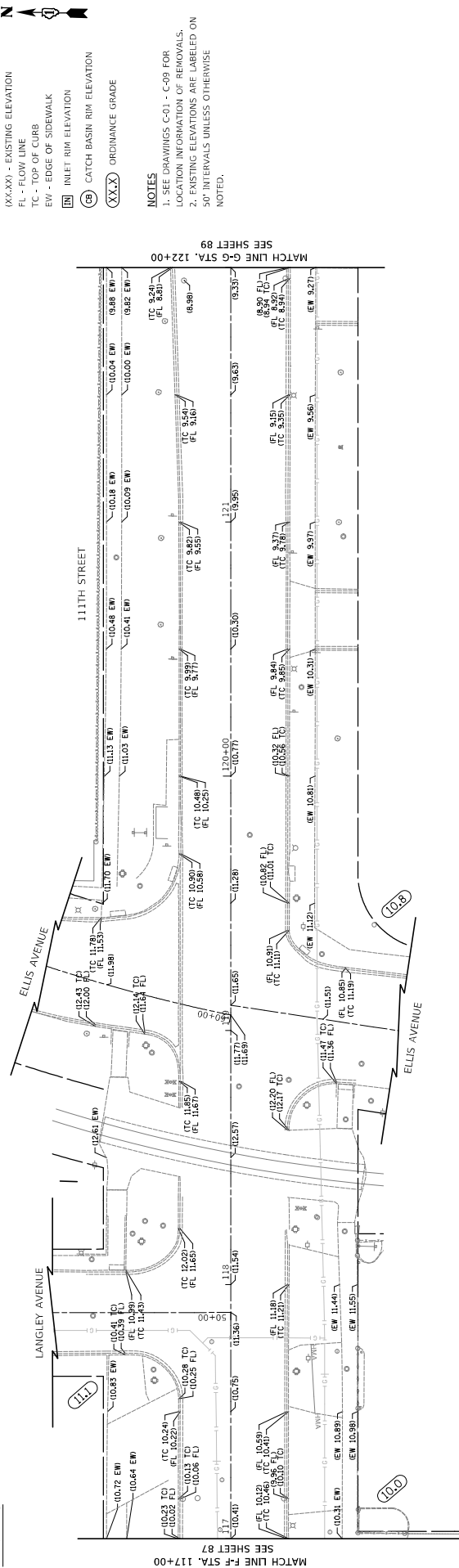


DRAWING NO. G-06		PROJECT NO. S-0451	
SHEET NO. 87		SECTION NO.	
SCALE: 1/2"=20'		GRADING PLAN	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
CURB	DATE	DESCRIPTION	
BIB			
MIF			
APPROVED:	REVISION BY	DATE	
DATE: 10/27/2023			



30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602
 Tel: 312.726.5910 - Fax: 312.726.8571
www.civiltech.com

EXISTING



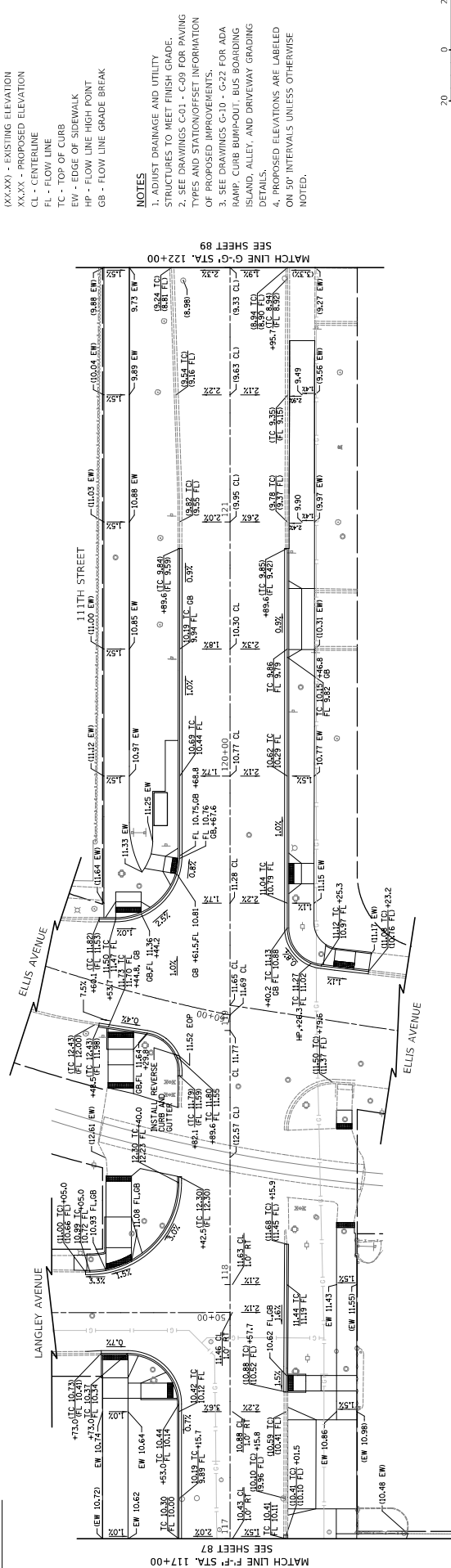
- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - (RM) - INLET RIM ELEVATION
 - (CB) - CATCH BASIN RIM ELEVATION
 - (XX.X) - ORDINANCE GRADE
- NOTES**
1. SEE DRAWINGS C-01 - C-09 FOR LOCATION INFORMATION OF REMOVALS.
 2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



SCALE IN FEET
20 0 20

20 0 20
SCALE IN FEET

PROPOSED



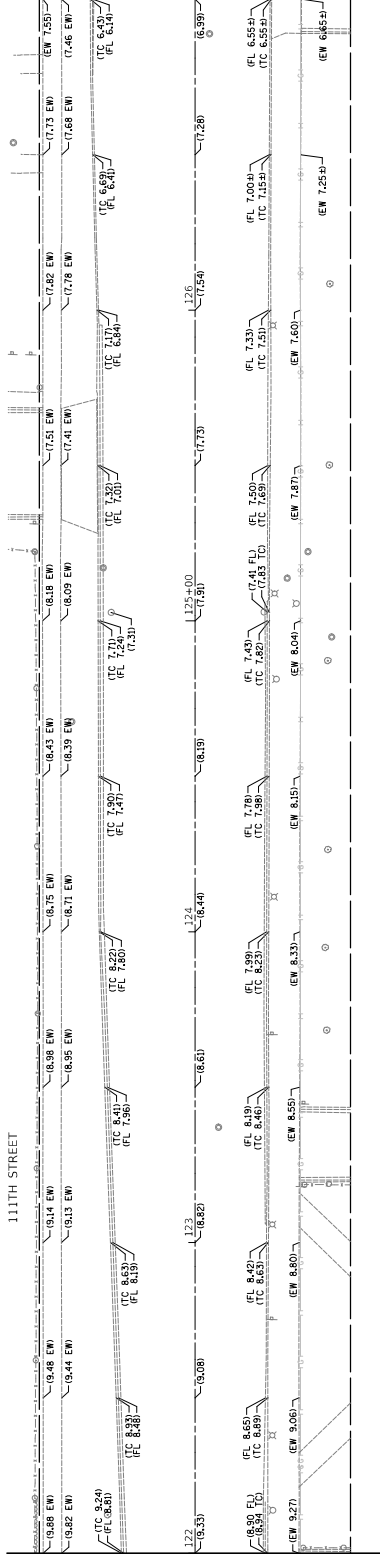
- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - XX.XX - PROPOSED ELEVATION
 - CL - CENTERLINE
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - HP - FLOW LINE HIGH POINT
 - GB - FLOW LINE GRADE BREAK
- NOTES**
1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
 2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATION/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
 3. SEE DRAWINGS G-10 - G-23 FOR ADA RAMP, CURB BUMPOUT, BUS BOARDING DETAILS, ALLEY, AND DRIVEWAY GRADING.
 4. PROPOSED ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.

DRAWN: CUB	DESCRIPTION			
CHECKED: BJB	DATE:	REVISED BY:	DATE:	
APPROVED: MIF				
DATE: 10/27/2023				
CITY OF CHICAGO		111TH STREET AND		
DEPARTMENT OF TRANSPORTATION		COTTAGE GROVE AVENUE		
DIVISION OF PROJECT DEVELOPMENT		IMPROVEMENTS		
CIVILTECH		SCALE: 1/2"=20'		
30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5900 - Fax: 312.726.8571 www.civiltech.com				
PROJECT NO. 524541		SECTION NO.		
DRAWING NO. G-07		SHEET NO. 88		

EXISTING

- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - IN - INLET RIM ELEVATION
 - CB - CATCH BASIN RIM ELEVATION
 - (XX.X) - ORDINANCE GRADE

MATCH LINE G-G STA. 122+00
SEE SHEET 88

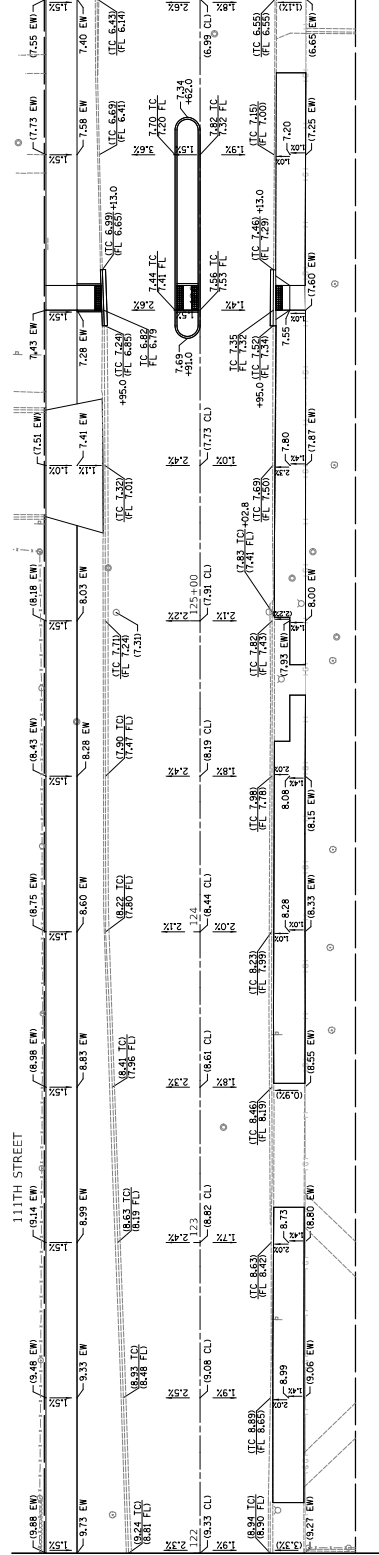


MATCH LINE H-H STA. 127+00
SEE SHEET 90

PROPOSED

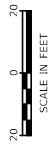
- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - XX.XX - PROPOSED ELEVATION
 - CL - CENTERLINE
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - HP - FLOW LINE HIGH POINT
 - GB - FLOW LINE GRADE BREAK

MATCH LINE G-G STA. 122+00
SEE SHEET 88



MATCH LINE H-H STA. 127+00
SEE SHEET 90

- NOTES**
1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
 2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATION/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
 3. SEE DRAWINGS G-10 - G-23 FOR ADA BOARDING, CURB BUMP-OUT, BUS BOARDING DETAILS, ALLEYS, AND DRIVEWAY GRADING.
 4. PROPOSED ELEVATIONS ARE LABELED ON 5' INTERVALS UNLESS OTHERWISE NOTED.



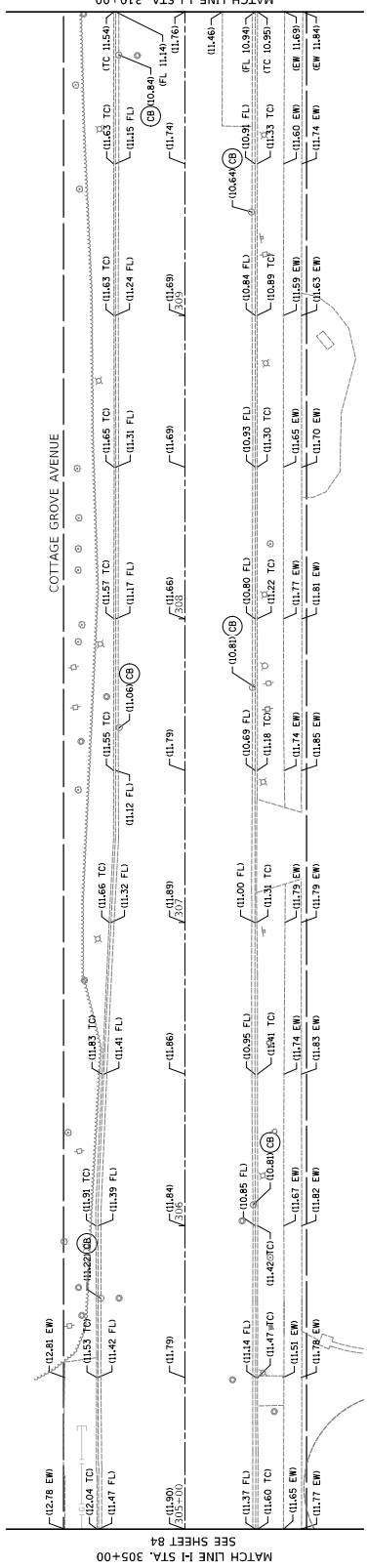
SCALE IN FEET
DRAWING NO. **G-08**
SHEET NO. 89
PROJECT NO. 545451

DRAWN: CUB		CITY OF CHICAGO		111TH STREET AND		GRADING PLAN	
CHECKED: BJB		DEPARTMENT OF TRANSPORTATION		COTTAGE GROVE AVENUE		SECTION NO.	
APPROVED: MIF		DIVISION OF PROJECT DEVELOPMENT		IMPROVEMENTS		SCALE: 1/2"=20'	
DATE: 10/27/2023		30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602		CIVILTECH		PROJECT NO. 545451	
REVISED BY:		Tel: 312.726.5910 P: Fax: 312.726.8571		www.civiltech.com		SHEET NO. 89	
DATE:		DESCRIPTION:					

EXISTING

- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - IN - INLET RIM ELEVATION
 - CB - CATCH BASIN RIM ELEVATION
 - (XX.X) - ORDNANCE GRADE

- NOTES**
1. SEE DRAWINGS C-01 - C-09 FOR LOCATION INFORMATION OF REMOVALS.
 2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



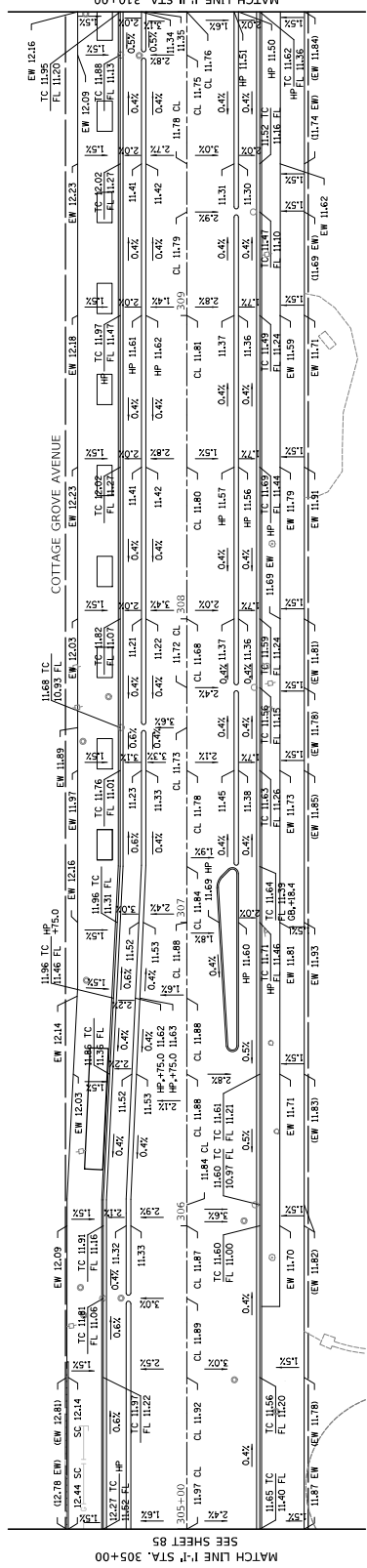
MATCH LINE I-I STA. 305+00
SEE SHEET 84

MATCH LINE J-J STA. 310+00
SEE SHEET 92

PROPOSED

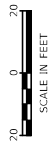
- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - XX.XX - PROPOSED ELEVATION
 - CL - CENTERLINE
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - HP - FLOW LINE HIGH POINT
 - GB - FLOW LINE GRADE BREAK

- NOTES**
1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
 2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATING/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
 3. SEE DRAWINGS G-10 - G-23 FOR ADA BOARDING CURB BUMP-OUT, BUS BOARDING DETAILS, ALLEY, AND DRIVEWAY GRADING.
 4. PROPOSED ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.

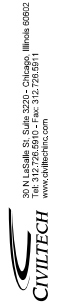


MATCH LINE F-F STA. 305+00
SEE SHEET 85

MATCH LINE J-J STA. 310+00
SEE SHEET 92



DRAWN: CUB	CITY OF CHICAGO	SECTION NO. 91
CHECKED: BJB	DEPARTMENT OF TRANSPORTATION	PROJECT NO. S-0451
APPROVED: MIF	DIVISION OF PROJECT DEVELOPMENT	SCALE: 1"=20'
DATE: 10/27/2023	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	GRADING PLAN
REVISED BY:		DRAWING NO. G-10
DATE:		SHEET NO. 91

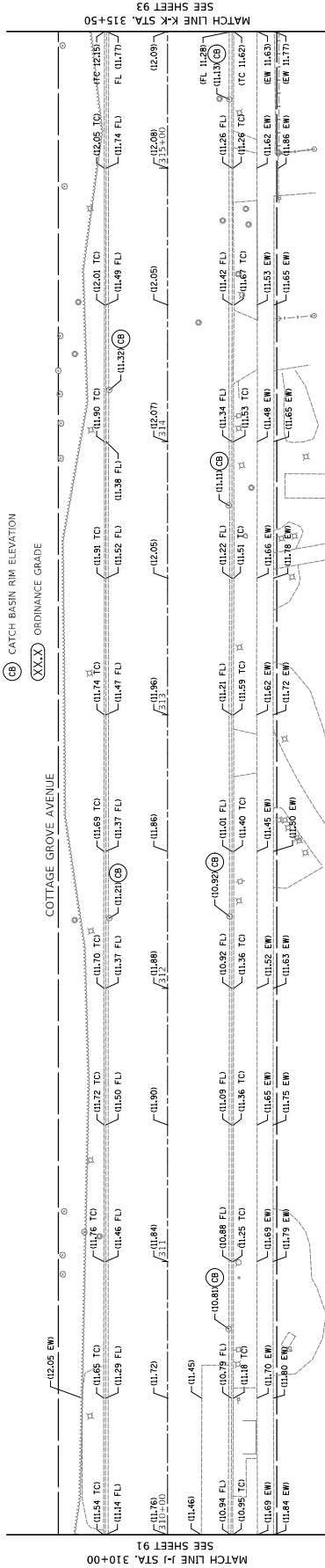


NO.	DATE	DESCRIPTION

EXISTING

- LEGEND**
- (XXX.X) - EXISTING ELEVATION
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - IN - INLET RIM ELEVATION
 - CB - CATCH BASIN RIM ELEVATION
 - XXX.X - ORDINANCE GRADE

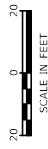
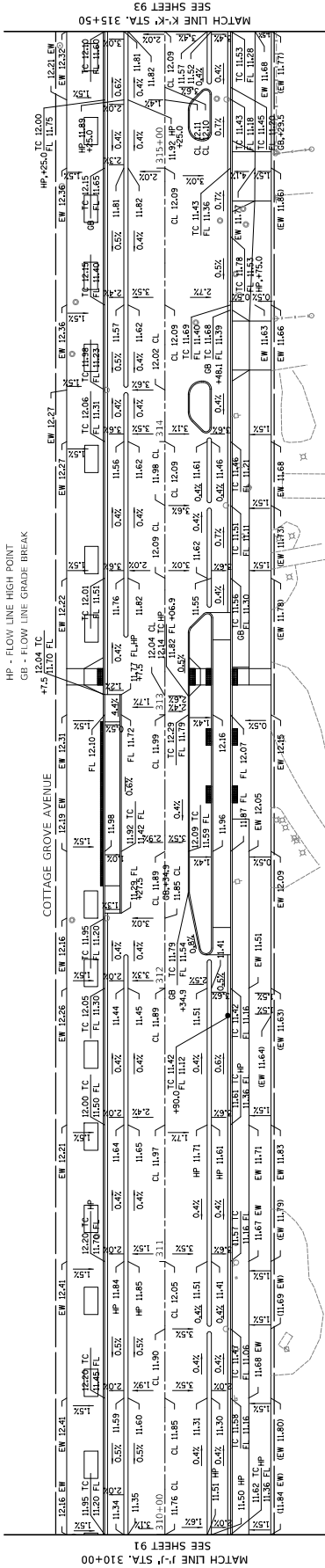
- NOTES**
1. SEE DRAWINGS C-01 - C-09 FOR LOCATION INFORMATION OF REMOVALS.
 2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



PROPOSED

- LEGEND**
- (XXX.X) - EXISTING ELEVATION
 - XX.XX - PROPOSED ELEVATION
 - CL - CENTERLINE
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - HP - FLOW LINE HIGH POINT
 - GB - FLOW LINE GRADE BREAK

- NOTES**
1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
 2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATION/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
 3. SEE DRAWINGS G-10 - G-22 FOR ADA RAMP, CURB BUMP-OUT, BUS BOARDING ISLAND, ALLEY, AND DRIVEWAY GRADING DETAILS.
 4. PROPOSED ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



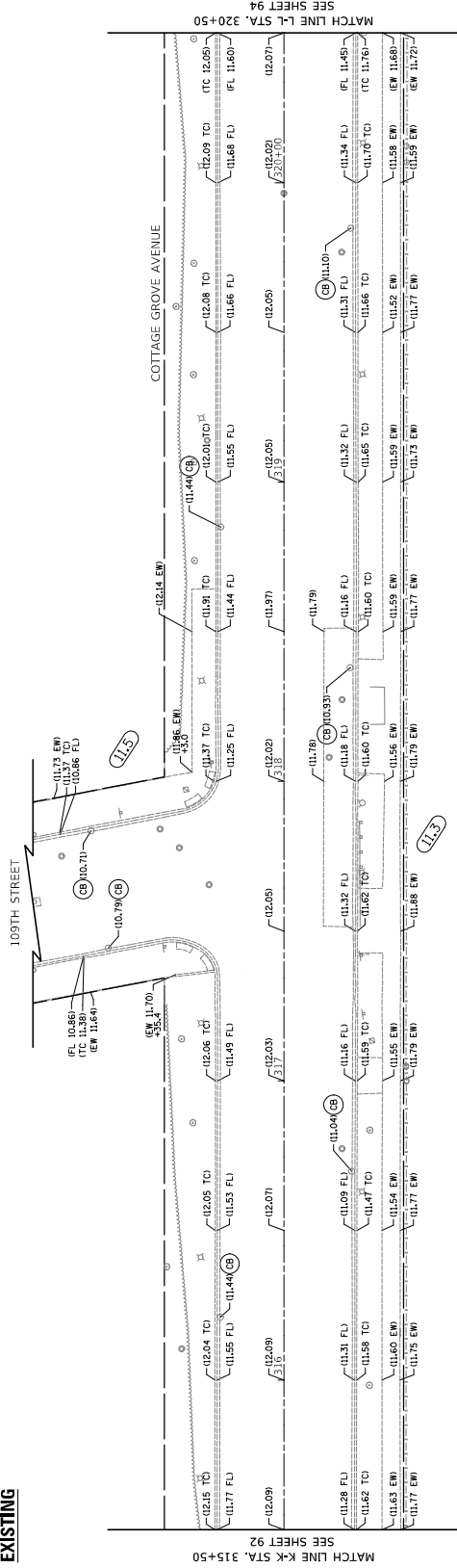
DRAWING NO. G-11		PROJECT NO. 504510	
SHEET NO. 92		SECTION NO.	
SCALE: 1"=20'		SCALE: 1"=20'	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5919 - Fax: 312.726.8571 www.chicago.gov		GRADING PLAN	
DRAWN: CUB	DATE:	REVISION BY:	DATE:
CHECKED: BJB	DATE:	REVISION BY:	DATE:
APPROVED: MIF	DATE:	REVISION BY:	DATE:
DATE: 10/27/2023			

EXISTING



- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - IN - INLET RIM ELEVATION
 - CB - CATCH BASIN RIM ELEVATION
 - (XX.X) - ORNANCE GRADE

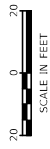
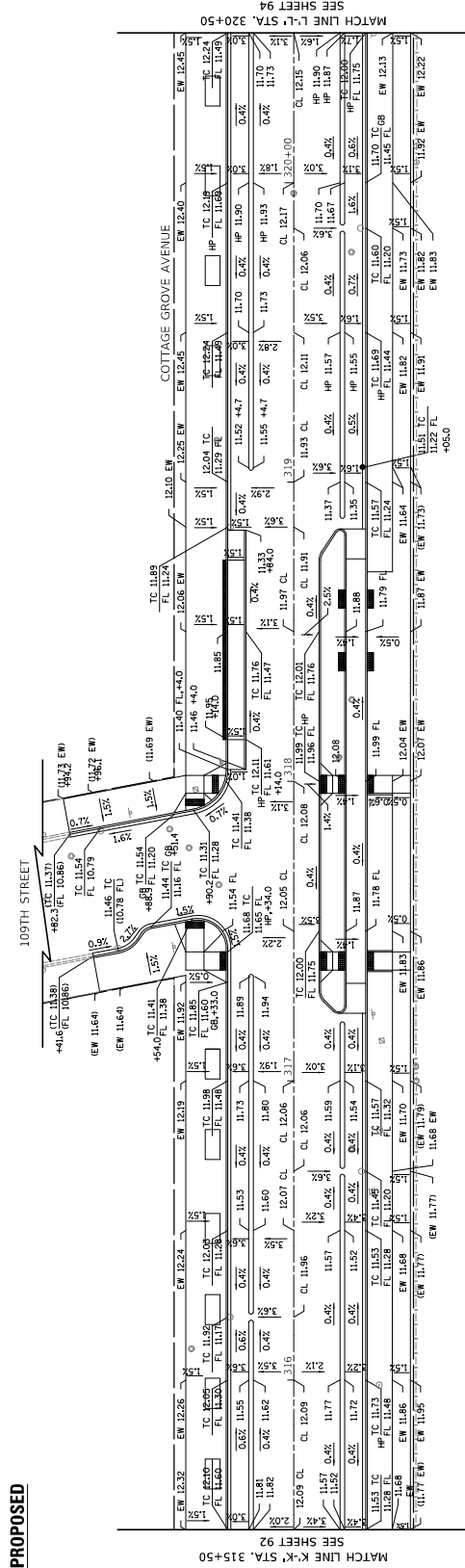
- NOTES**
1. SEE DRAWINGS C-01 - C-09 FOR LOCATION INFORMATION OF REMOVALS.
 2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



PROPOSED

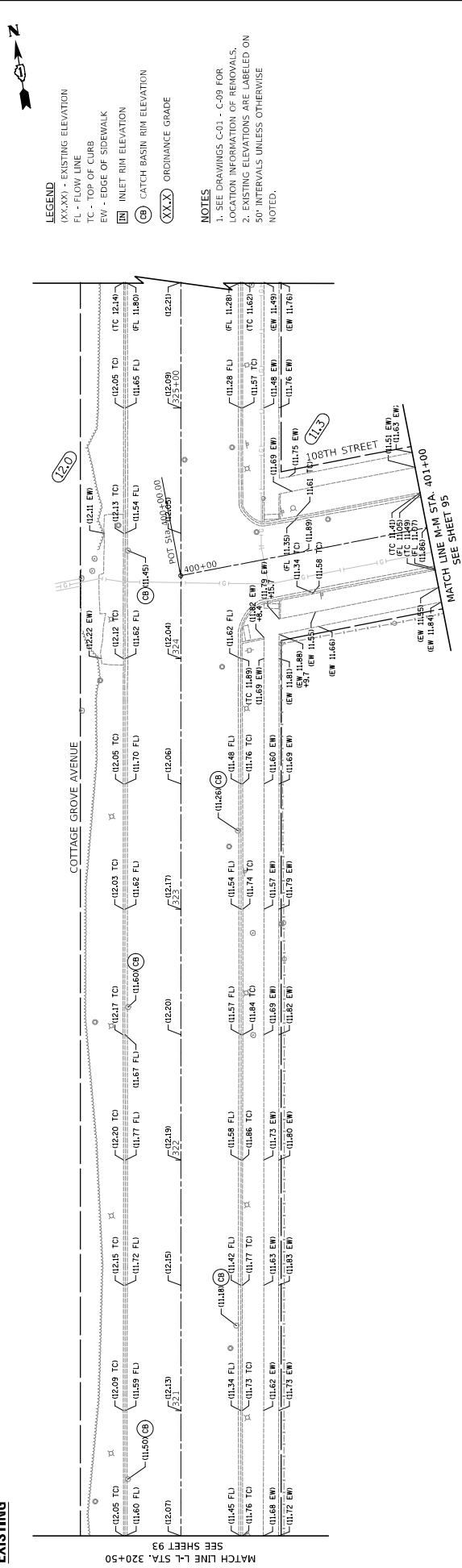
- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - XX.XX - PROPOSED ELEVATION
 - CL - CENTERLINE
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - HP - FLOW LINE HIGH POINT
 - GB - FLOW LINE GRADE BREAK

- NOTES**
1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
 2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATION/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
 3. SEE DRAWINGS G-10 - G-23 FOR ADA BOARD, CURB BUMP-OUT, BUS BOARDING DETAILS, ALLEY, AND DRIVEWAY GRADING.
 4. PROPOSED ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.

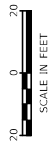
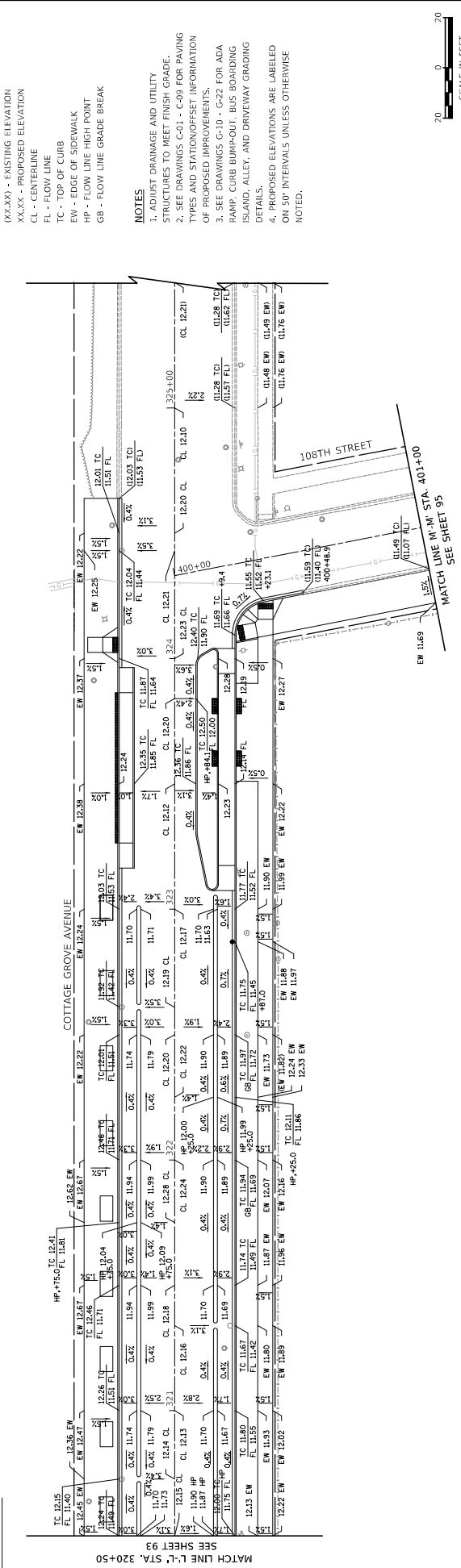


DRAWING NO. G-12		SECTION NO. 93	
PROJECT NO. 545451		SCALE: 1"=20'	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602 Tel: 312.726.5919 Fax: 312.726.8571 www.chicago.gov		GRADING PLAN	
DRAWN: CUB	DATE:	REVISION BY:	DESCRIPTION:
CHECKED: MIF	DATE:	REVISION BY:	DESCRIPTION:
APPROVED: MIF	DATE:	REVISION BY:	DESCRIPTION:
DATE: 10/27/2023			

EXISTING



PROPOSED

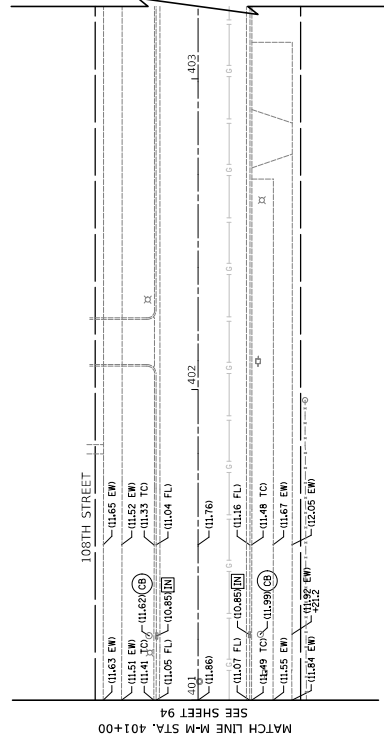


DRAWING NO.	GRADING PLAN	SECTION NO.	PROJECT NO. 545451
CHECKED: B/B	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	SCALE: 1"=20'	
APPROVED: M/F	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		
DATE: 10/27/2023			
DESCRIPTION:			
DATE:			
REVISION BY:			
DATE:			
PROJECT NO. 545451			
SHEET NO. 54			
DRAWING NO. G-13			

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EXISTING

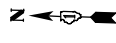


LEGEND

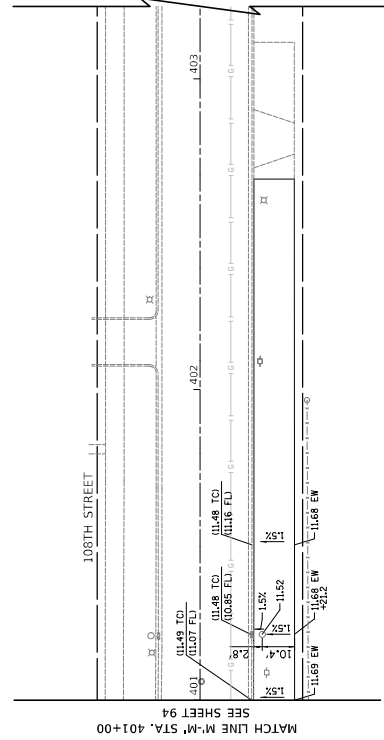
- (XX.XX) - EXISTING ELEVATION
- FL - FLOW LINE
- TC - TOP OF CURB
- EW - EDGE OF SIDEWALK
- IN INLET RIM ELEVATION
- (B) CATCH BASIN RIM ELEVATION
- (XX.X) ORDINANCE GRADE

NOTES

1. SEE DRAWINGS C-01, C-09 FOR LOCATION INFORMATION OF REMOVALS.
2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.



PROPOSED

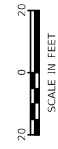


LEGEND

- (XX.XX) - EXISTING ELEVATION
- XX.XX - PROPOSED ELEVATION
- CL - CENTERLINE
- FL - FLOW LINE
- TC - TOP OF CURB
- EW - EDGE OF SIDEWALK
- HP - FLOW LINE HIGH POINT
- GB - FLOW LINE GRADE BREAK

NOTES

1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
2. SEE DRAWINGS C-01, C-09 FOR PAVING TYPES AND STATION/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
3. SEE DRAWINGS G-10, G-22 FOR ADA RAMP, CURB BUMP-OUT, BUS BOARDING ISLAND, ALLET, AND DRIVEWAY GRADING DETAILS.
4. PROPOSED ELEVATIONS ARE LABELED ON 30' INTERVALS UNLESS OTHERWISE NOTED.



DRAWN: CUB CHECKED: BIB APPROVED: MIF DATE: 10/27/2023	REVISIONS	REVISIONS	REVISIONS	REVISIONS	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	GRADING PLAN G-14 SHEET NO. 495 PROJECT NO. 541450 SECTION NO.
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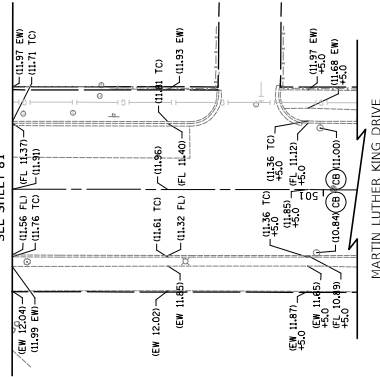
30 N. LaSalle St. Suite 3220 - Chicago, Illinois 60602
 Tel: 312.726.5910 - Fax: 312.726.8571
 www.civiltech.com

EXISTING

- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - (IN) INLET RIM ELEVATION
 - (CB) CATCH BASIN RIM ELEVATION
 - (XX.X) ORDINANCE GRADE

- NOTES**
1. SEE DRAWINGS C-01 - C-09 FOR LOCATION INFORMATION OF REMOVALS.
 2. EXISTING ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.

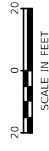
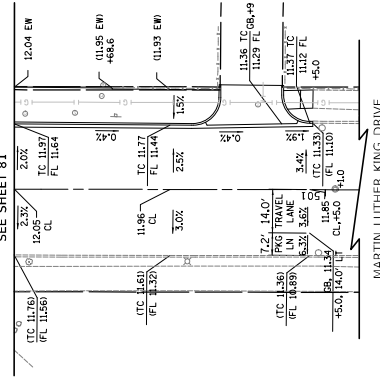
MATCH LINE N-N STA. 502+00
SEE SHEET 81



PROPOSED

- LEGEND**
- (XX.XX) - EXISTING ELEVATION
 - XX.XX - PROPOSED ELEVATION
 - CL - CENTERLINE
 - FL - FLOW LINE
 - TC - TOP OF CURB
 - EW - EDGE OF SIDEWALK
 - HP - FLOW LINE HIGH POINT
 - GB - FLOW LINE GRADE BREAK
- NOTES**
1. ADJUST DRAINAGE AND UTILITY STRUCTURES TO MEET FINISH GRADE.
 2. SEE DRAWINGS C-01 - C-09 FOR PAVING TYPES AND STATION/OFFSET INFORMATION OF PROPOSED IMPROVEMENTS.
 3. SEE DRAWINGS G-10 - G-23 FOR ADA (RAMP, CURB BUMP-OUT, BUS BOARDING ISLAND, ALLET, AND DRIVEWAY GRADING DETAILS).
 4. PROPOSED ELEVATIONS ARE LABELED ON 50' INTERVALS UNLESS OTHERWISE NOTED.

MATCH LINE N-N STA. 502+00
SEE SHEET 81



DRAWING NO. **G-15**
SHEET NO. 496

GRADING PLAN

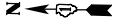
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT

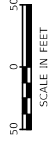
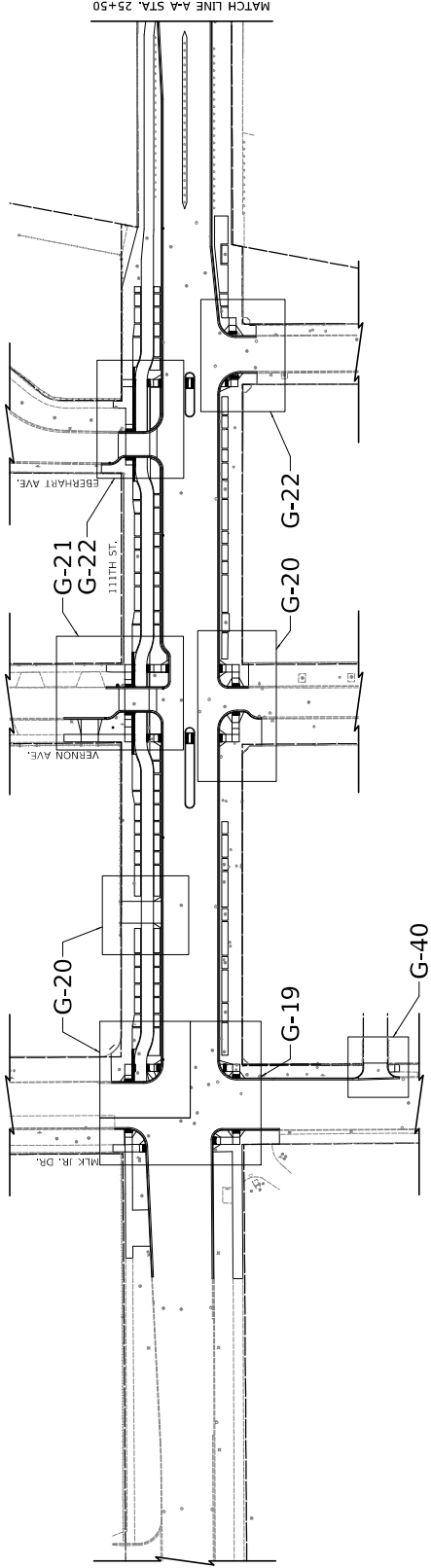
30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602
Tel: 312.726.5910 • Fax: 312.726.8571
www.chicago.gov



DATE	REVISION BY	DATE	DESCRIPTION
10/27/2023	MIF		
	BIB		
	CRB		



MATCH LINE A-A STA. 25+50
SEE SHEET 98



DRAWN:	CHB
CHECKED:	BFB
APPROVED:	MJF
DATE:	10/27/2023

REVIS	BY	DATE
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DESCRIPTION



30 N. LaSalle St. Suite 3220 - Chicago, Illinois 60602
Tel: 312.726.6910 - Fax: 312.726.6571
www.civiltech.com

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND
COTTAGE GROVE AVENUE
IMPROVEMENTS

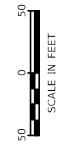
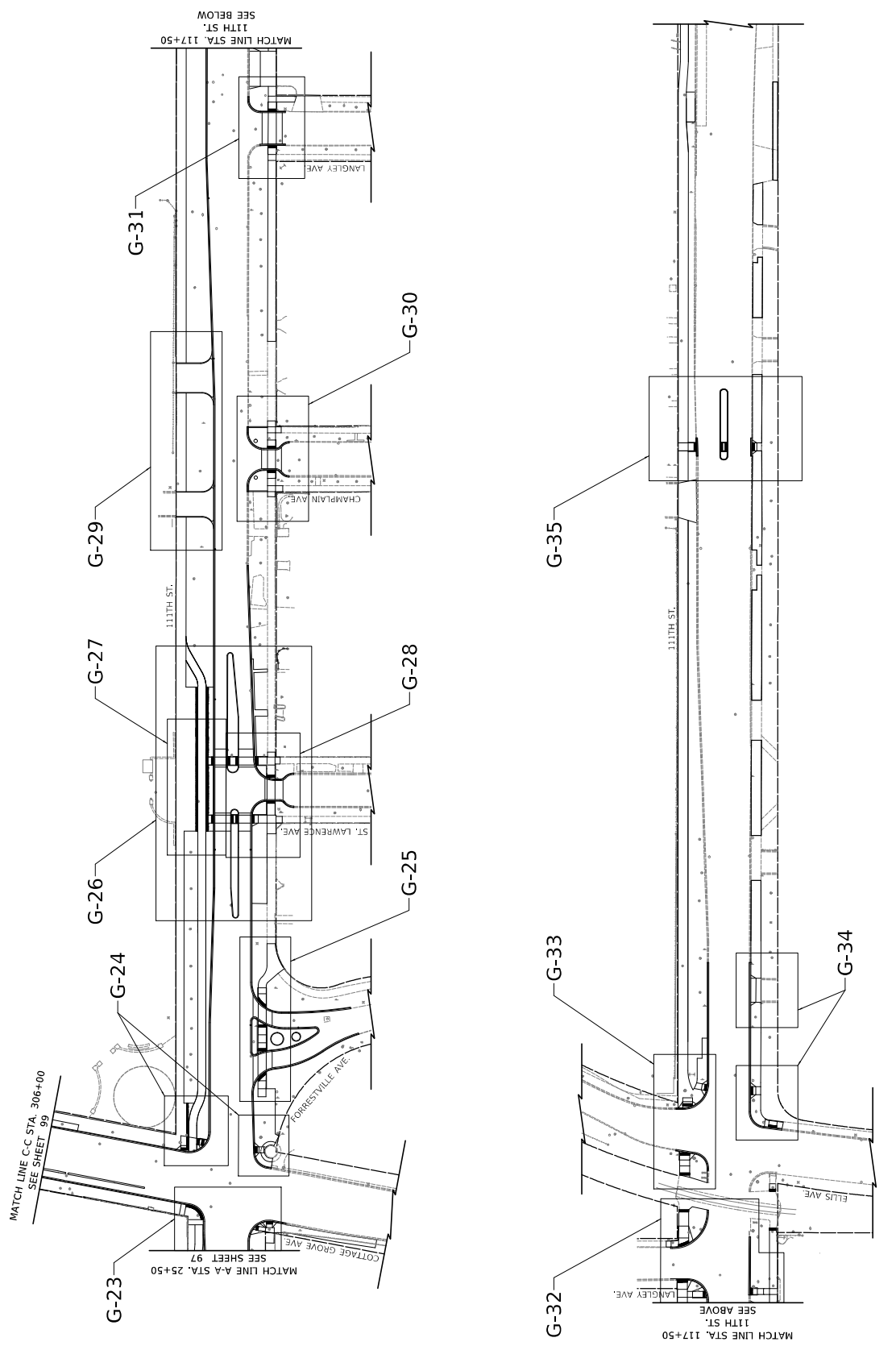
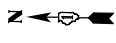
ADA GRADING DETAILS KEY PLAN

DRAWING NO.
G-16
SHEET NO.
97

SECTION NO.
SCALE: 1"=50'

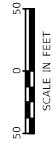
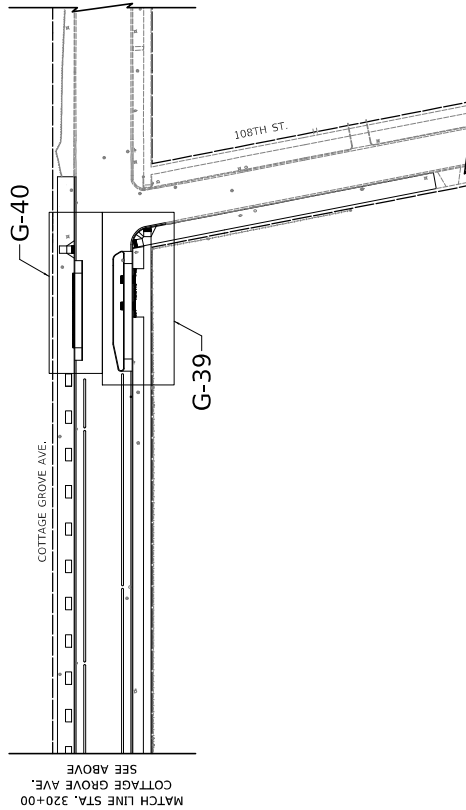
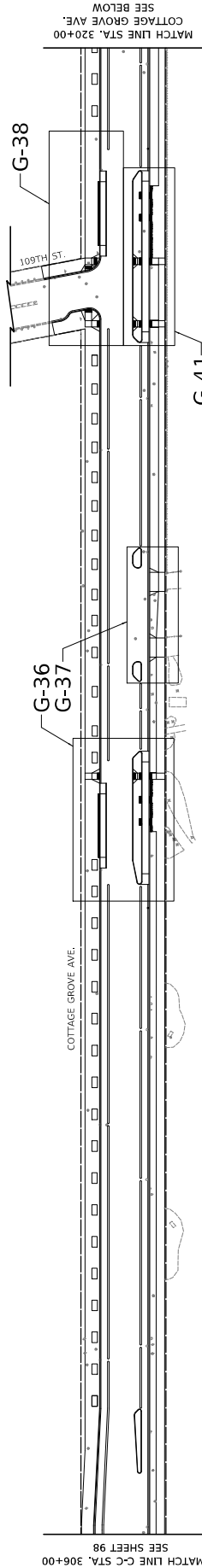
PROJECT NO. 5-0451

FILE NAME: c:\projects\111th\working\cvt\111th_ada_key.dwg PLOT DATE: 11/16/2023



DRAWN: CHB	REVISION: 1	DATE:	DESCRIPTION:
CHECKED: BJB	REVISION: 2	DATE:	DESCRIPTION:
APPROVED: MIF	REVISION: 3	DATE:	DESCRIPTION:
DATE: 10/27/2023	REVISION: 4	DATE:	DESCRIPTION:
PROJECT NO. 5204510	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		
SECTION NO.	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS		
SHEET NO. 98	DRAWING NO. G-17		
SCALE: 1"=50'	PROJECT NO. 5204510		

30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602
Tel: 312.726.5910 - Fax: 312.726.8571
www.civiltech.com



DRAWING NO. G-18	PROJECT NO. 540451
SHEET NO. 99	SECTION NO.
ADA GRADING DETAILS KEY PLAN	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	
CIVILTECH 30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.civiltech.com	
DRAWN: CMB	DESCRIPTION:
CHECKED: BJB	DATE:
APPROVED: MIF	REVISED BY:
DATE: 10/27/03	DATE:

PLOT DATE: 11/16/2003
 FILE NAME: c:\p\office\proj\ben\msh\msh\msh7191554-msh-cd.dgn

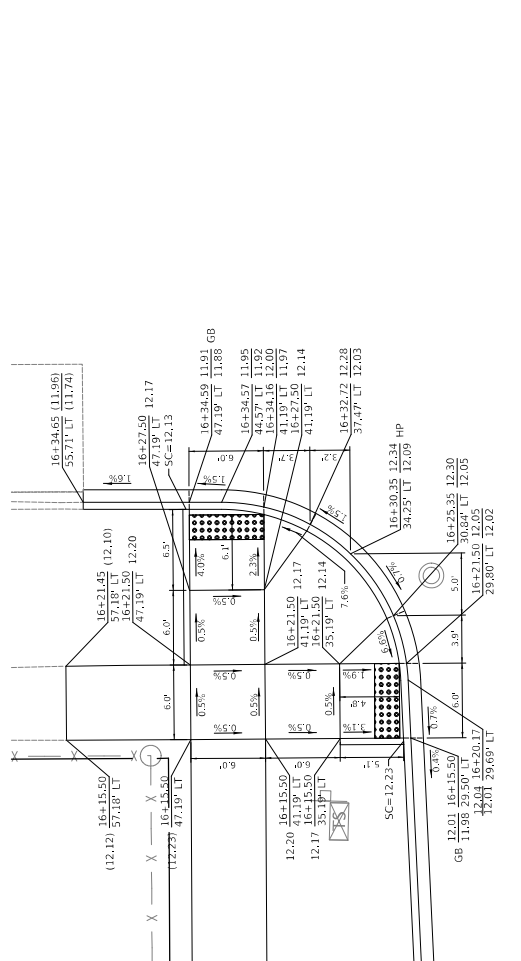
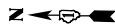


FIGURE 2 - 1111TH ST. AND MLK JR. DR. NW CORNER (16+30)

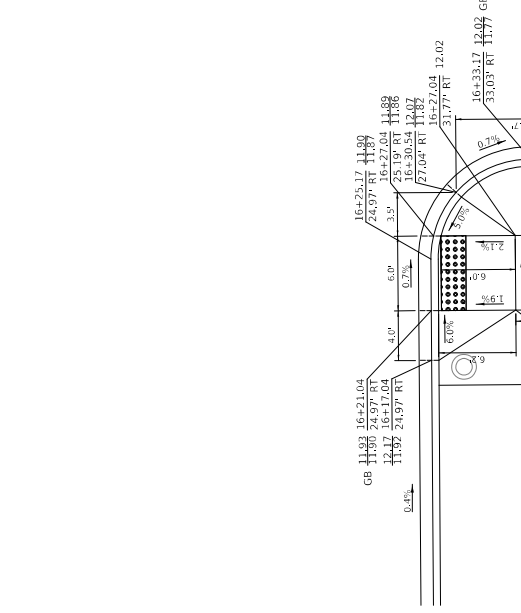


FIGURE 1 - 111TH ST. AND MLK JR. DR. SOUTHWEST CORNER (16+25)

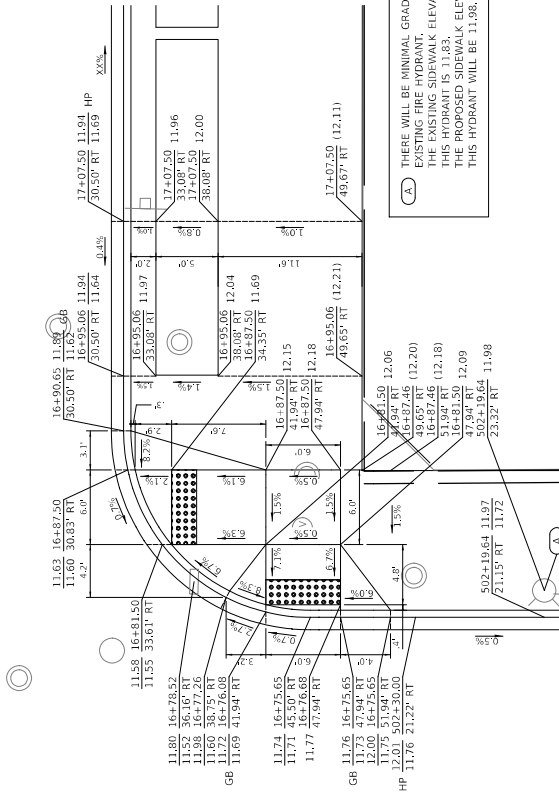
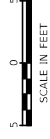


FIGURE 3 - 111TH ST. AND MLK JR. DR. SOUTHEAST CORNER (16+85)

NOTE: THERE WILL BE MINIMAL GRADE CHANGES AROUND THIS EXISTING FIRE HYDRANT. THE EXISTING SIDEWALK ELEVATION AT THE BASE OF THIS HYDRANT IS 11.83. THE PROPOSED SIDEWALK ELEVATION AT THE BASE OF THIS HYDRANT WILL BE 11.98.



DRWING NO:	C-19	SECTION NO.:	1-5	PROJECT NO.:	54541
CHECKED:	B/B	SCALE:	1"=5'		
APPROVED:					
DATE:	10/27/2023	REVISED BY:		DATE:	
DESCRIPTION:					
CITY OF CHICAGO	DEPARTMENT OF TRANSPORTATION	111TH STREET AND	COTTAGE GROVE AVENUE	ADA GRADING DETAILS	
DIVISION OF PROJECT DEVELOPMENT			IMPROVEMENTS		
30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.chicago.gov					
PLT. NAME:	13182023				

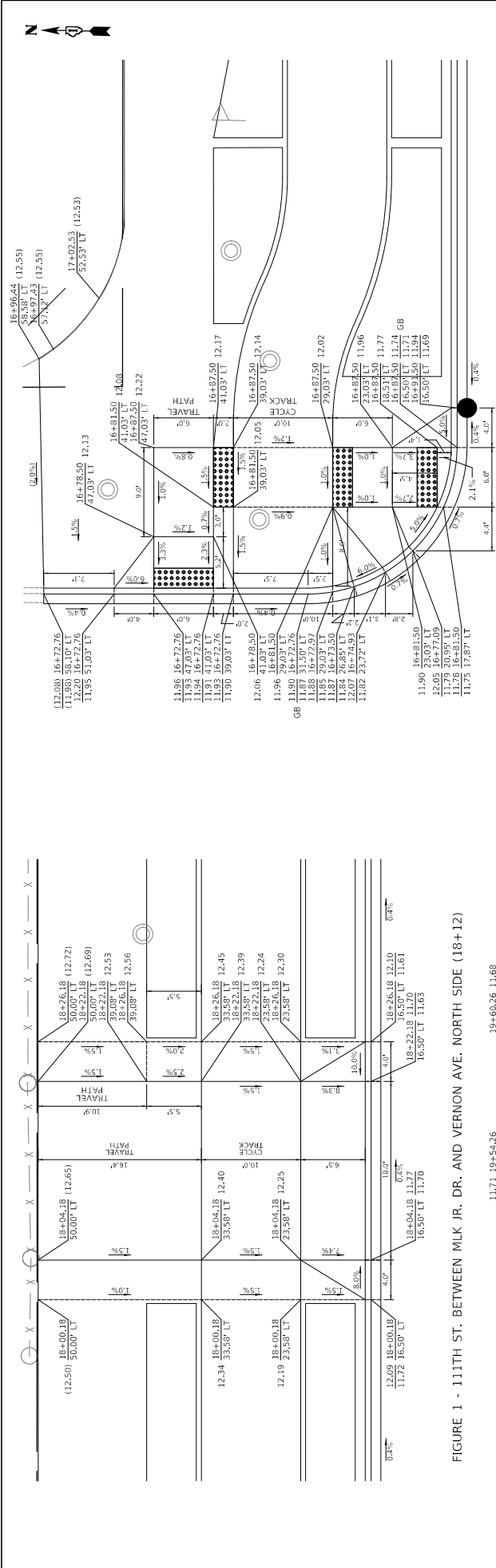


FIGURE 1 - 1111TH ST. BETWEEN MLK JR. DR. AND VERNON AVE. NORTH SIDE (18+12)

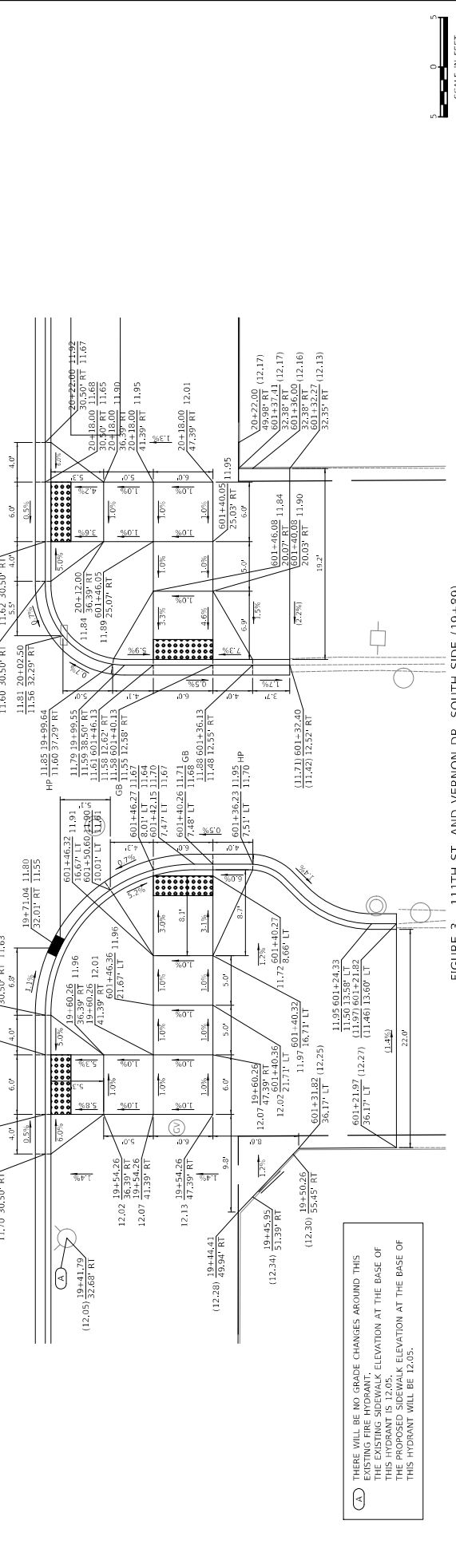


FIGURE 2 - 1111TH ST. AND MLK JR. DR. NE CORNER (16+77)

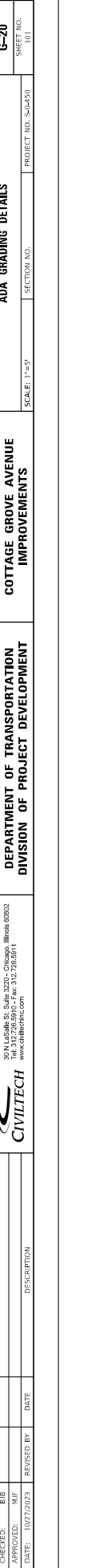


FIGURE 3 - 1111TH ST. AND VERNON DR. SOUTH SIDE (19+89)

(A) THERE WILL BE NO GRADE CHANGES AROUND THIS EXISTING FIRE HYDRANT. THE EXISTING SIDEWALK ELEVATION AT THE BASE OF THIS HYDRANT IS 12.05'. THE PROPOSED SIDEWALK ELEVATION AT THE BASE OF THIS HYDRANT WILL BE 12.05'.

DRAWING NO.		C-20	
SHEET NO.		101	
PROJECT NO.		54-451	
SECTION NO.		19+59	
SCALE		1"=5'	
CITY OF CHICAGO		1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
DEPARTMENT OF TRANSPORTATION		DIVISION OF PROJECT DEVELOPMENT	
30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602		Tel: 312.726.5910 - Fax: 312.726.8571	
www.chicagotransit.com		www.chicagotransit.com	
DRAWN:	CWB	DATE:	10/27/2023
CHECKED:	BIB	REVISION:	
APPROVED:	MIF	DESCRIPTION:	
DATE:	10/27/2023	DATE:	

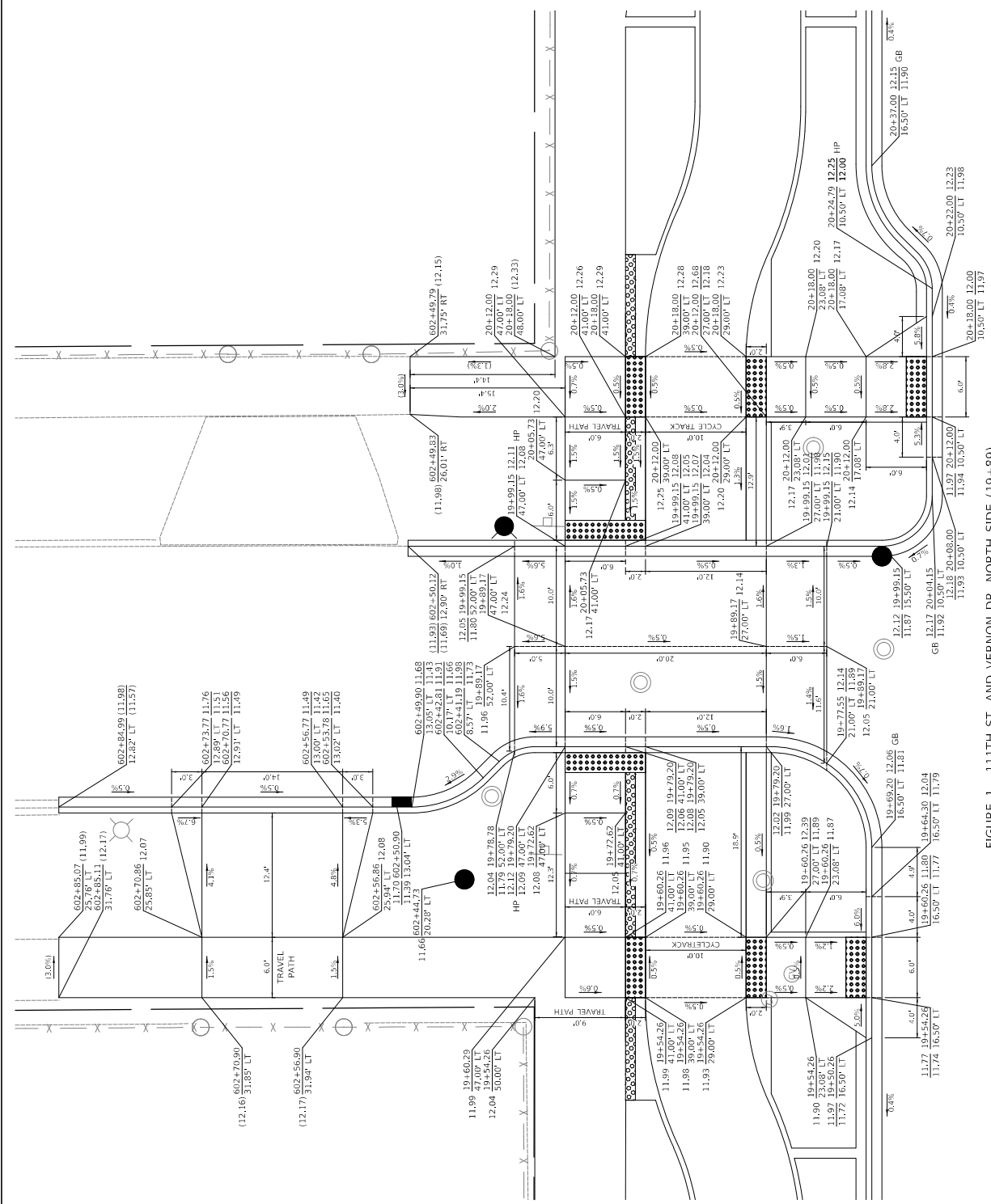
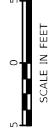
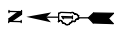


FIGURE 1 - 11TH ST. AND VERNON DR. NORTH SIDE (19+89)

DRAWN: CHB	DATE:	REVISION BY:	DATE:	DESCRIPTION:	 30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.8916 - Fax: 312.726.8911 www.civiltech.com	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	11TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	PROJECT NO. 540451	SECTION NO.	SCALE: 1"=5'	
CHECKED: BJB											
APPROVED: MIF											
DATE: 10/27/2023											

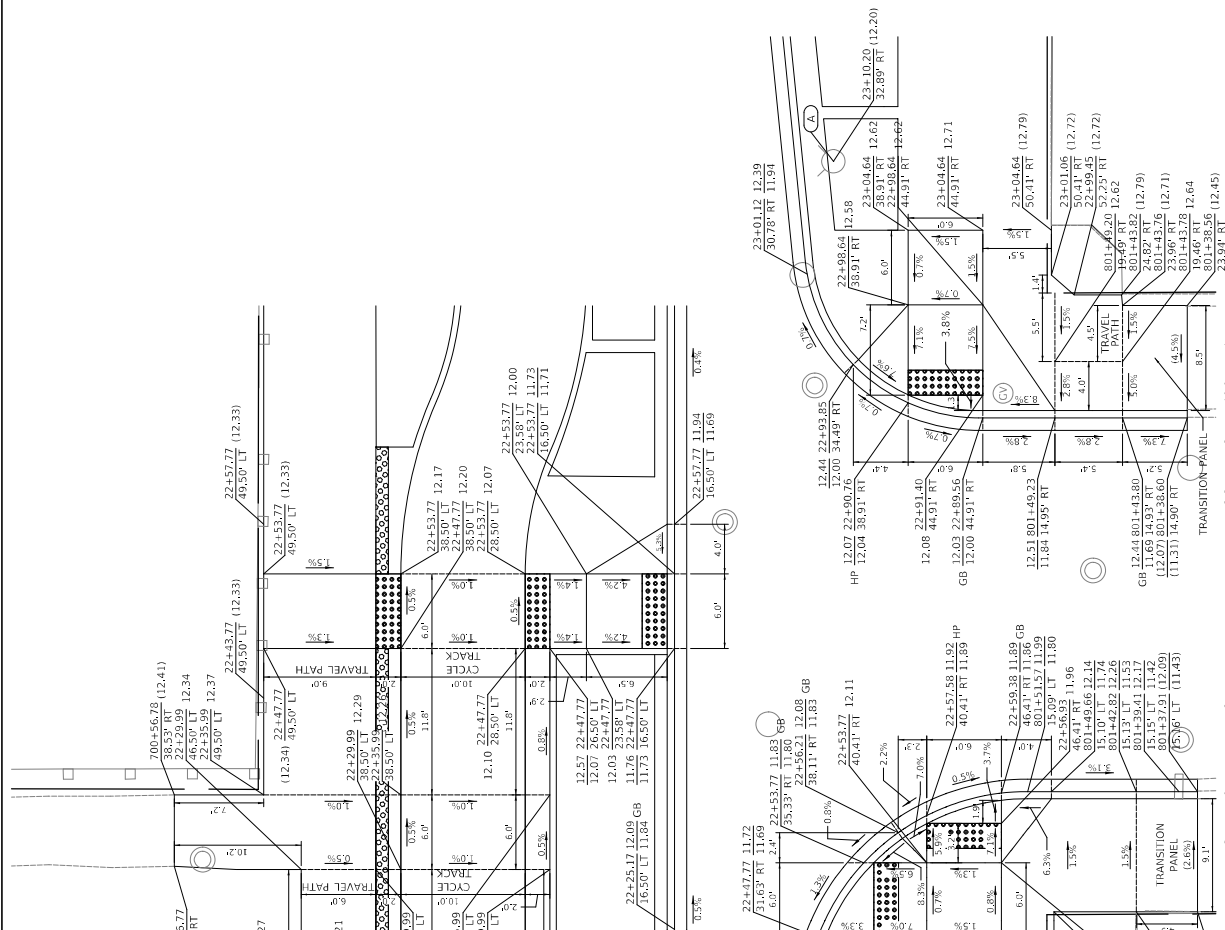
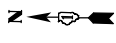


FIGURE 1 - 1111TH ST. AND EBERHART AVE. NORTH SIDE (22+00)

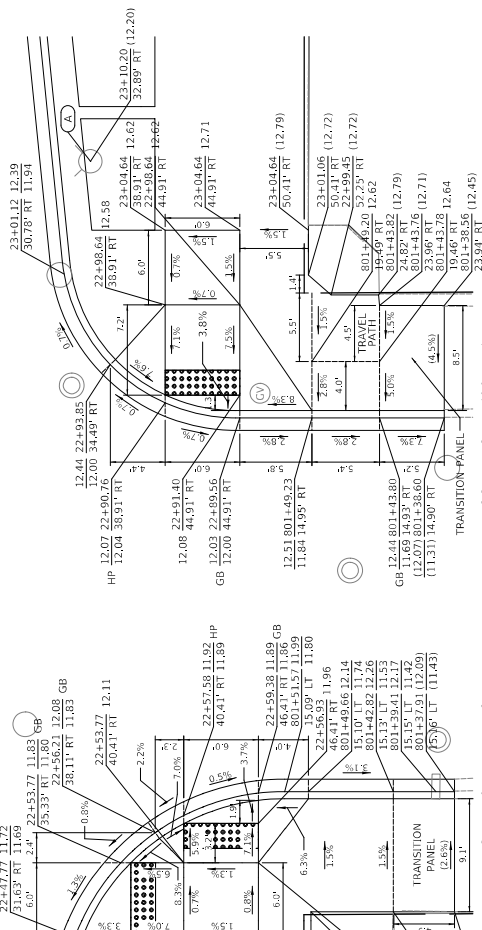


FIGURE 2 - 1111TH ST. AND EBERHART AVE. SOUTH SIDE (22+75)

DRAWING NO. C-22		SECTION NO. 103	
PROJECT NO. 50451		SCALE: 1"=5'	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		ADA GRADING DETAILS	
1111TH STREET AND COFFEE GROVE AVENUE IMPROVEMENTS		SCALE: 1"=5'	
DRAWN: CUB	CHECKED: BJB	DATE: 10/27/2023	REVISION BY:
APPROVED: MIF	DATE:		
DESCRIPTION:			



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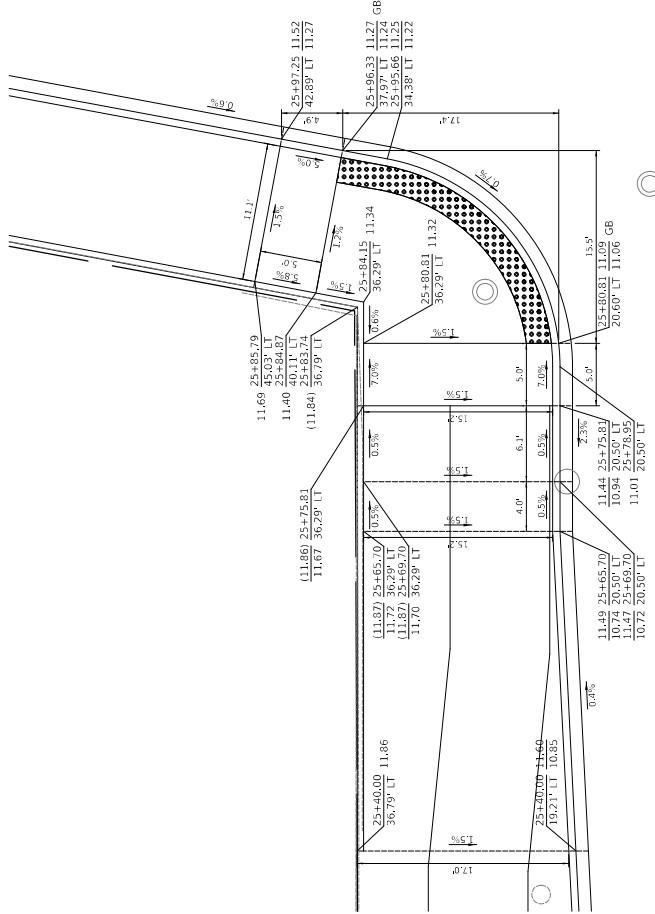
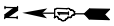


FIGURE 1 - 11TH ST. AND COTTAGE GROVE AVE. NW CORNER (25+90)

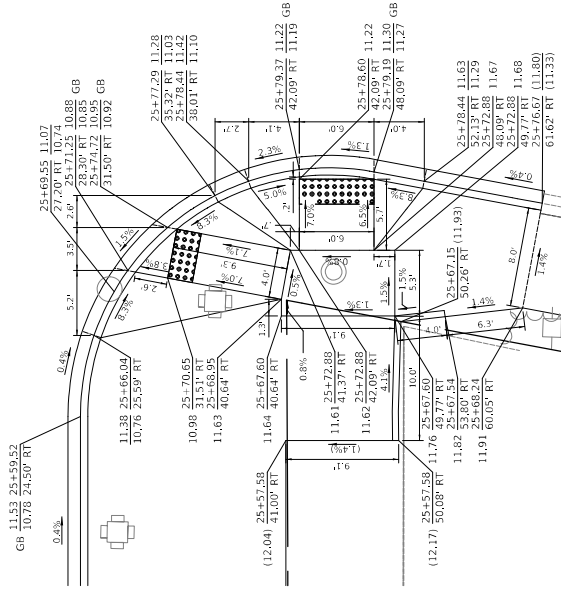
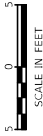


FIGURE 2 - 11TH ST. AND COTTAGE GROVE AVE. SW CORNER (25+75)



DRAWN:	CMB	DATE:	REVISED BY:	DATE:	DESCRIPTION:
CHECKED:	B/B				
APPROVED:	M/F	10/27/2023			

CIVILTECH	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	11TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	ADA GRADING DETAILS	DRAWING NO. C-23 SHEET NO. 104
30 N. LaSalle St. Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.8910 - Fax: 312.726.8571 www.civiltech.com				
PROJECT NO. S04510				
SECTION NO.				

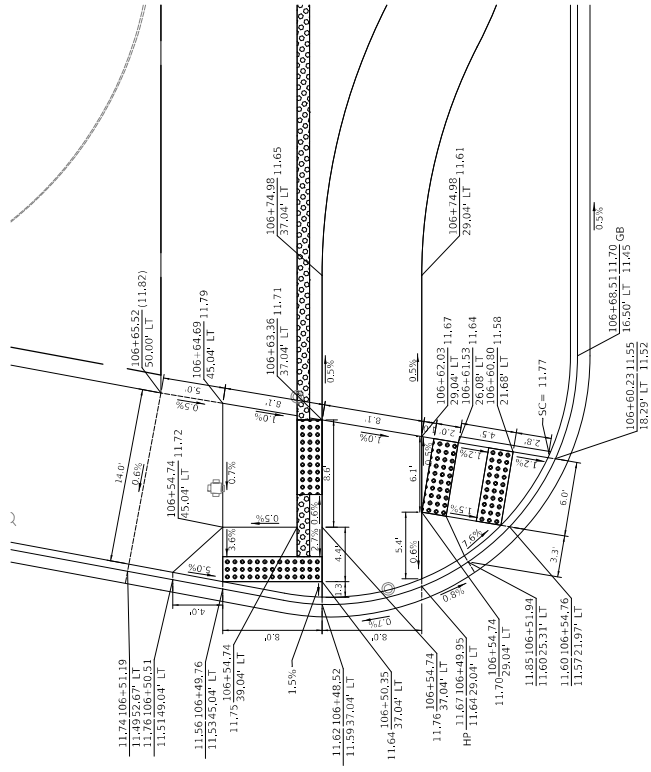
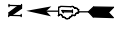


FIGURE 2 - 111TH ST. & COTTAGE GROVE AVE.
NORTHEAST CORNER (106+60)

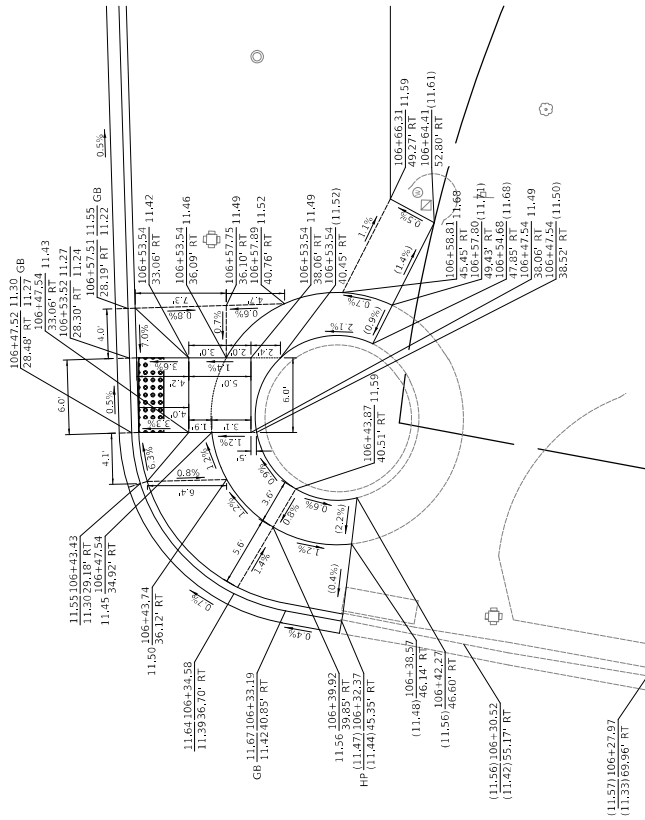
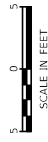


FIGURE 1 - 111TH ST. & COTTAGE GROVE AVE.
SOUTHEAST CORNER (106+60)



DRAWING NO. G-24		PROJECT NO. 540451	
SHEET NO. 105		SECTION NO.	
SCALE: 1" = 5'		SCALE: 1" = 5'	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.chicagotransit.com		ADA GRADING DETAILS	
DRAWN: CUB	DATE:	REVISION:	DESCRIPTION:
CHECKED: BJB	DATE:	REVISION:	DESCRIPTION:
APPROVED: MIF	DATE:	REVISION:	DESCRIPTION:
DATE: 10/27/2023			

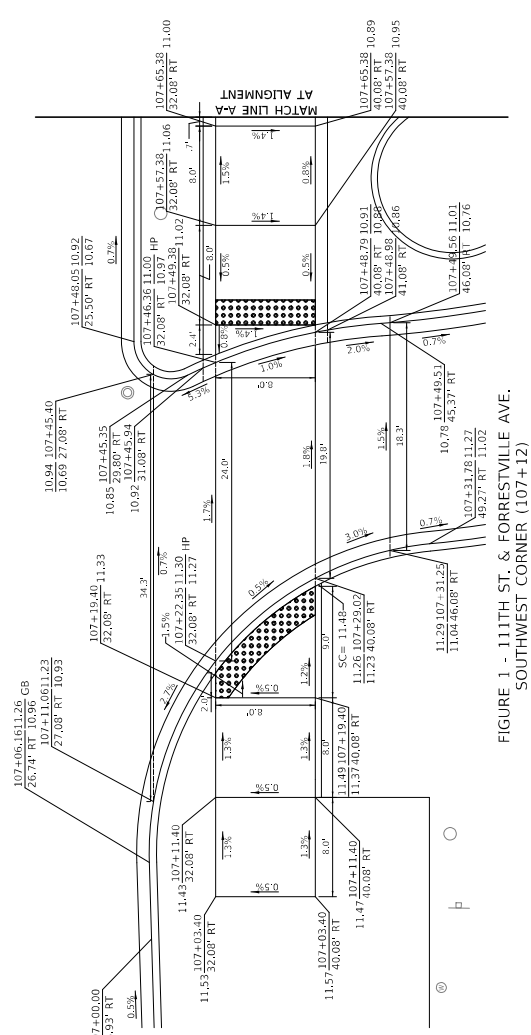
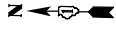


FIGURE 1 - 111TH ST. & FORRESTVILLE AVE.
SOUTHWEST CORNER (107+12)

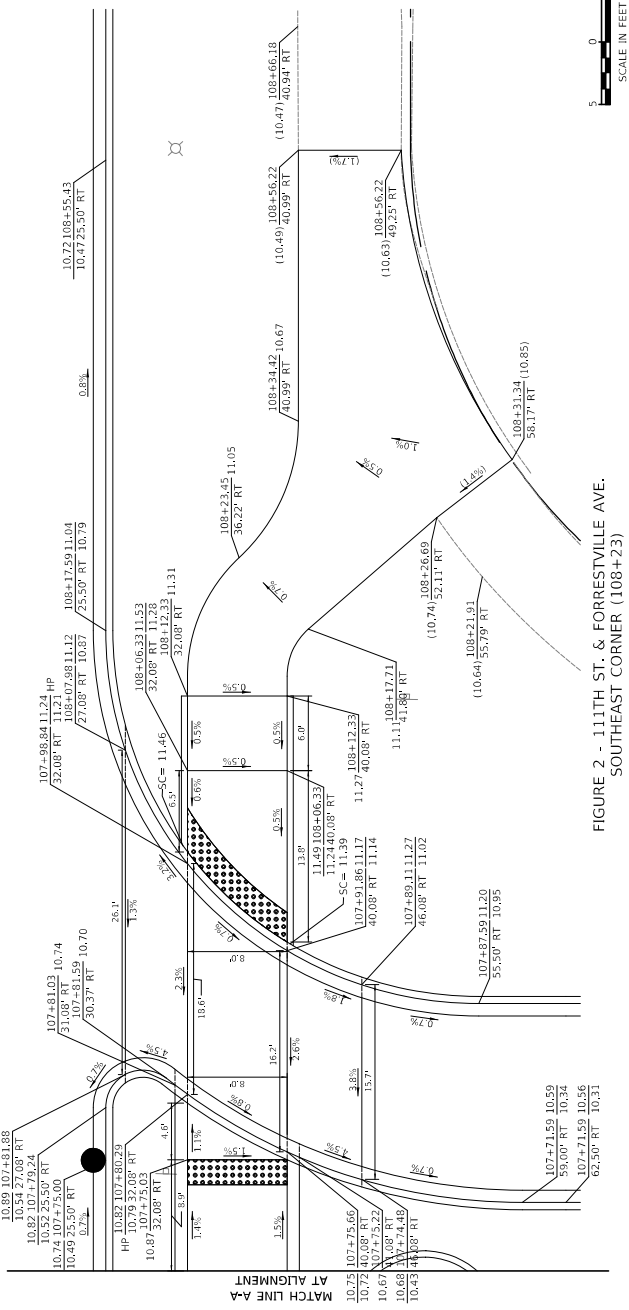
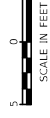


FIGURE 2 - 111TH ST. & FORRESTVILLE AVE.
SOUTHEAST CORNER (108+23)



DATE: 10/27/2023	REVISED BY:	DATE:	DESCRIPTION:	 30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5900 - Fax: 312.726.8571 www.civiltech.com
DRAWN: CUB	CHECKED: B/B	APPROVED: M/F		
PROJECT NO. S-0451	SECTION NO.	SCALE: 1" = 5'	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	
ADA GRADING DETAILS				111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
DRAWING NO. G-25				
SHEET NO. 106				

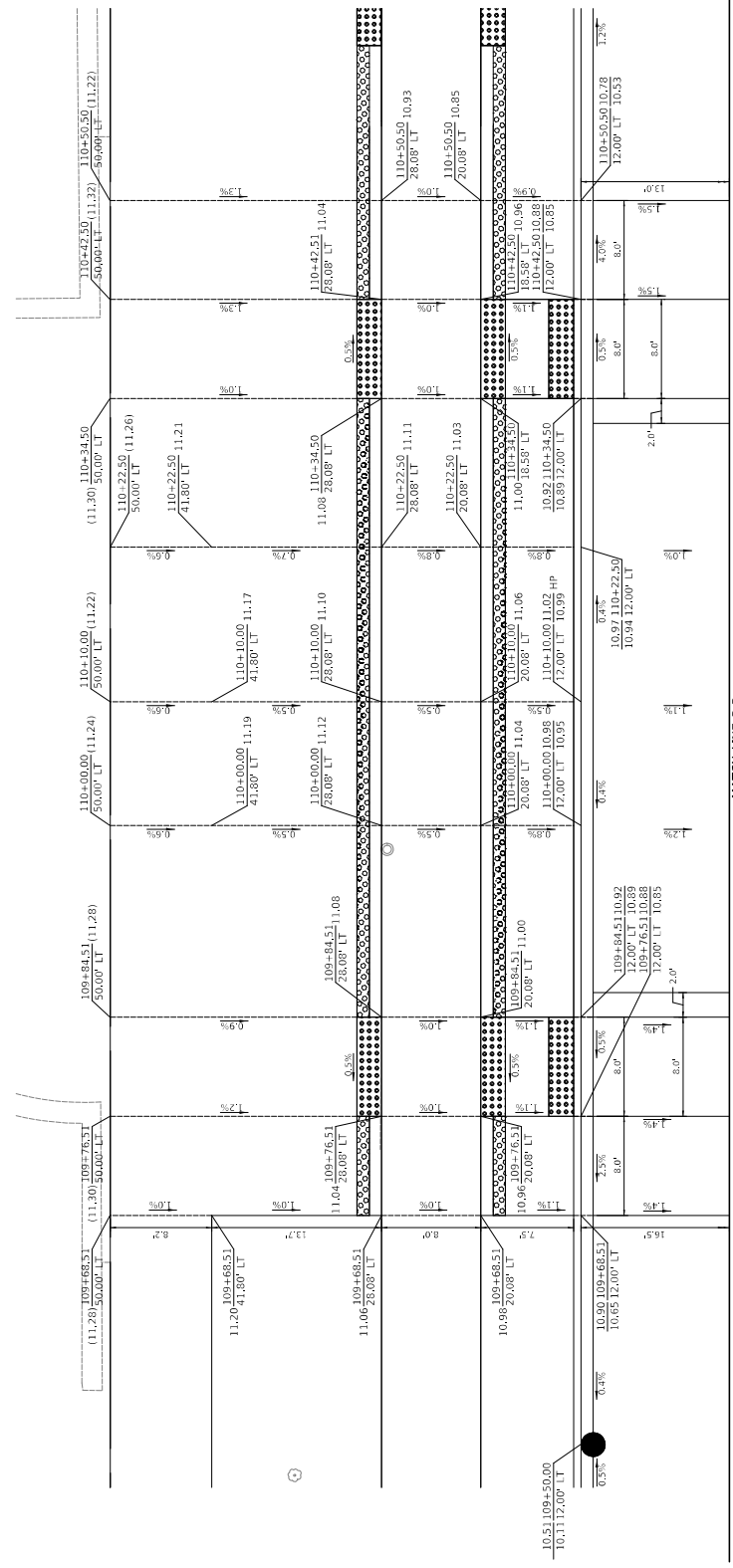
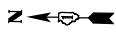
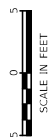


FIGURE 1 - 1111TH ST. & ST. LAWRENCE AVE. NORTH SIDE (110+09)



DRAWN: CUB	DATE:	DESCRIPTION:	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	ADA GRADING DETAILS	PROJECT NO. 545451
CHECKED: B/B	REVISED BY:		30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.chicagotransit.com		DRAWING NO. G-27	
APPROVED: M/F	DATE:				SHEET NO. 108	
DATE: 10/27/2023					SCALE: 1" = 5'	SECTION NO.

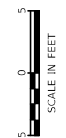
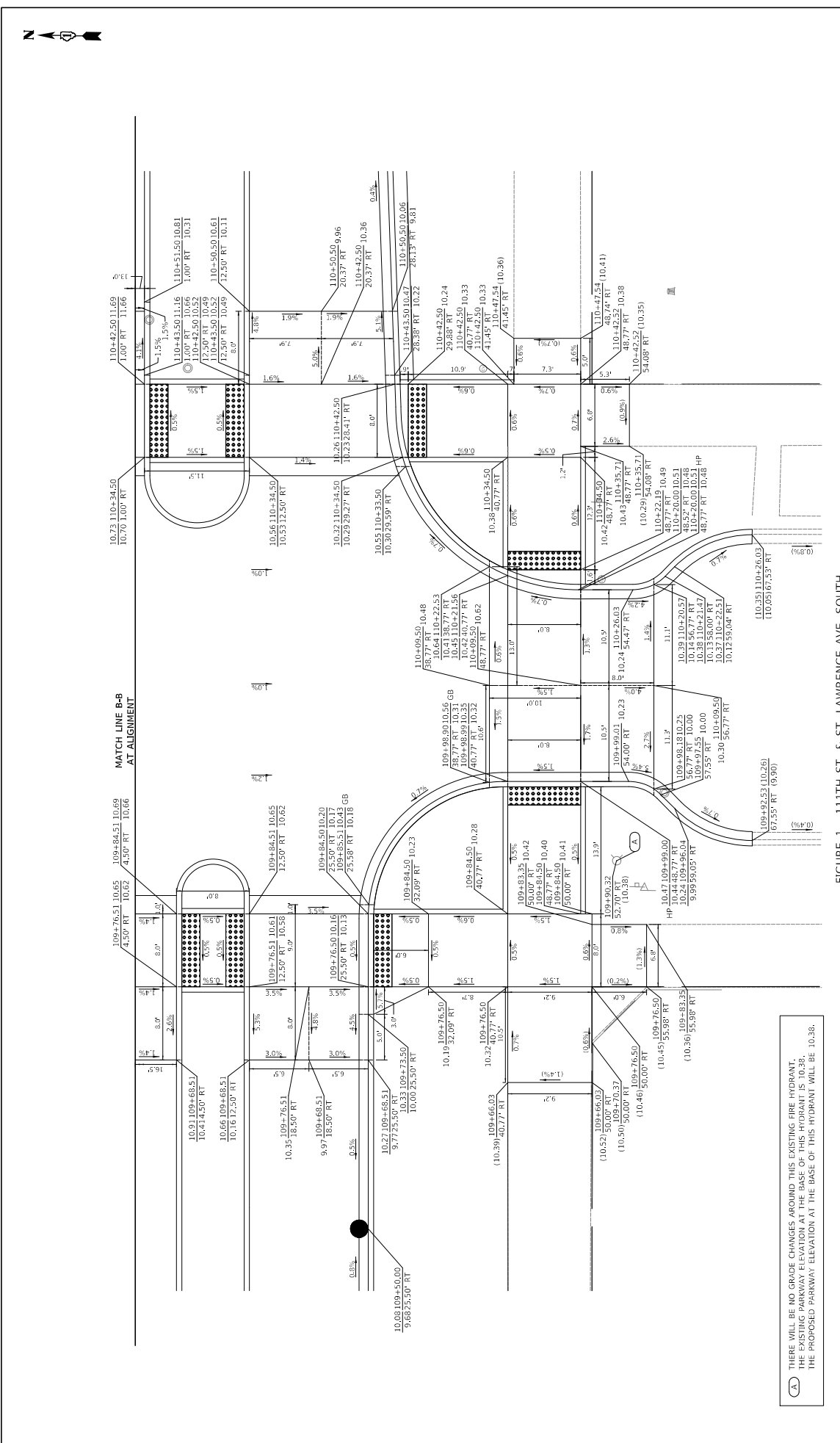


FIGURE 1 - 11TH ST. & ST. LAWRENCE AVE. SOUTH SIDE (110+09)

DRAWN:	CWB	DESCRIPTION:	
CHECKED:	B/B	DATE:	
APPROVED:	M/F	REVIEWED BY:	
DATE:	10/27/2023		

(A) THERE WILL BE NO GRADE CHANGES AROUND THIS EXISTING FIRE HYDRANT. THE EXISTING PARKWAY ELEVATION AT THE BASE OF THIS HYDRANT IS 10.38. THE PROPOSED PARKWAY ELEVATION AT THE BASE OF THIS HYDRANT WILL BE 10.38.

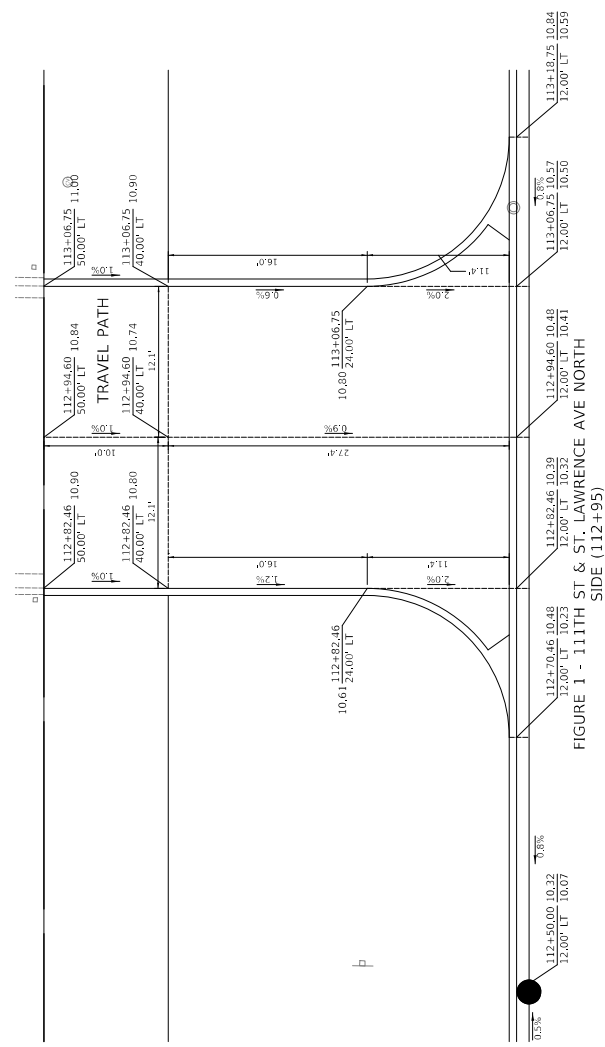
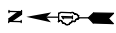


FIGURE 1 - 111TH ST. & ST. LAWRENCE AVE NORTH SIDE (112+95)

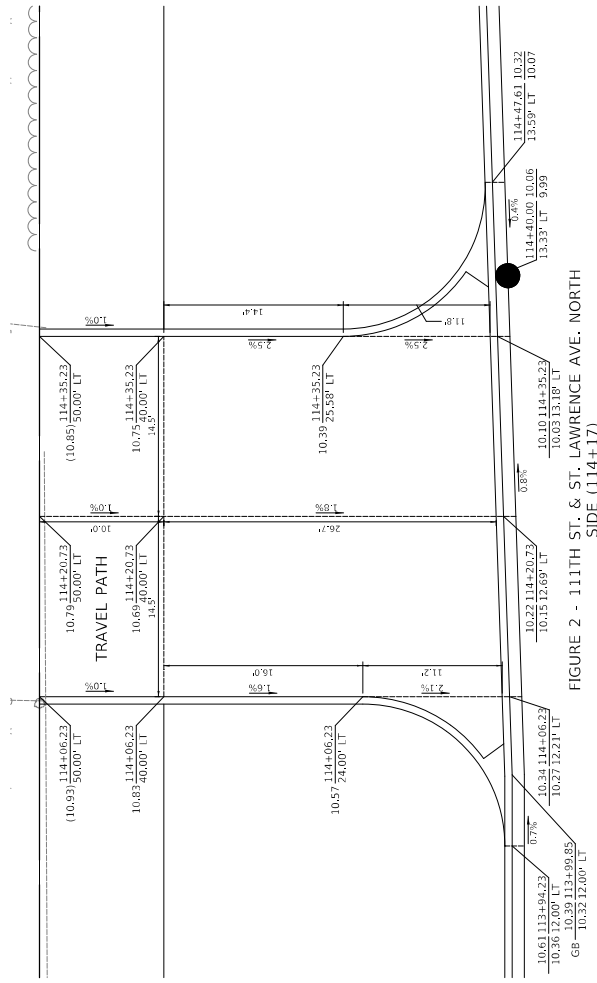


FIGURE 2 - 111TH ST. & ST. LAWRENCE AVE. NORTH SIDE (114+17)

DRAWING NO.	G-29	SECTION NO.	5
SHEET NO.	110	PROJECT NO.	50451
ADA GRADING DETAILS			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
SCALE: 1" = 5'			
DRAWN:	CMB	DATE:	
CHECKED:	BIB	REVIEWED BY:	
APPROVED:	MIF	DATE:	10/27/2023
DESCRIPTION:			

30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602
Tel: 312.726.5916 - Fax: 312.726.8571
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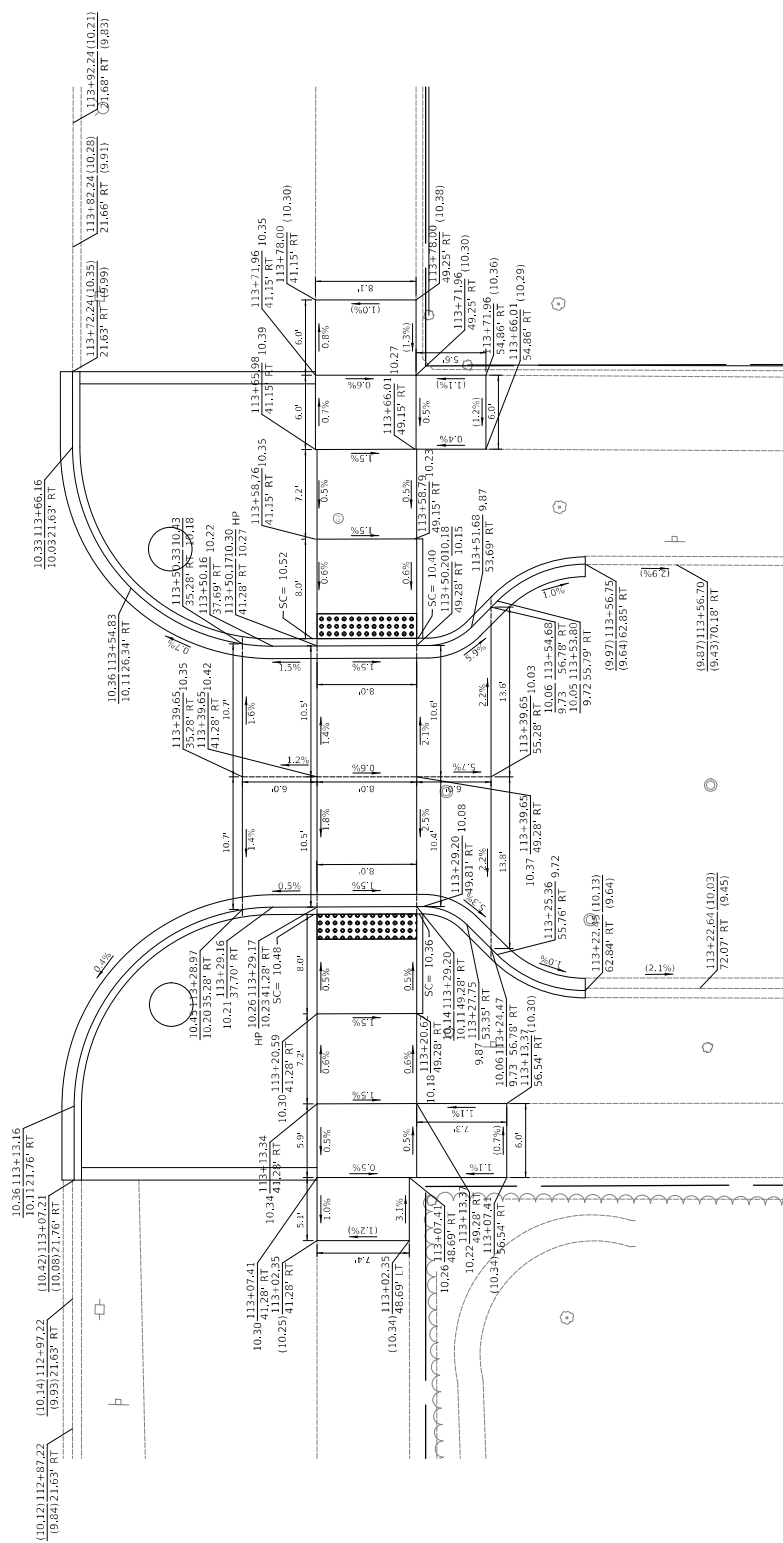
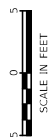
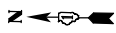


FIGURE 1 - 1111TH ST. & CHAMPLAIN AVE. SOUTH SIDE (113+40)

DRAWN: CMB	DATE:	DESCRIPTION:	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	ADA GRADING DETAILS	DRAWING NO. G-30
CHECKED: B/B	REVISED BY:		30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.chicago.gov	SECTION NO.	PROJECT NO. 540450	SHEET NO. 111
APPROVED: M/F	DATE:			SCALE: 1" = 5'		
DATE: 10/27/2023						

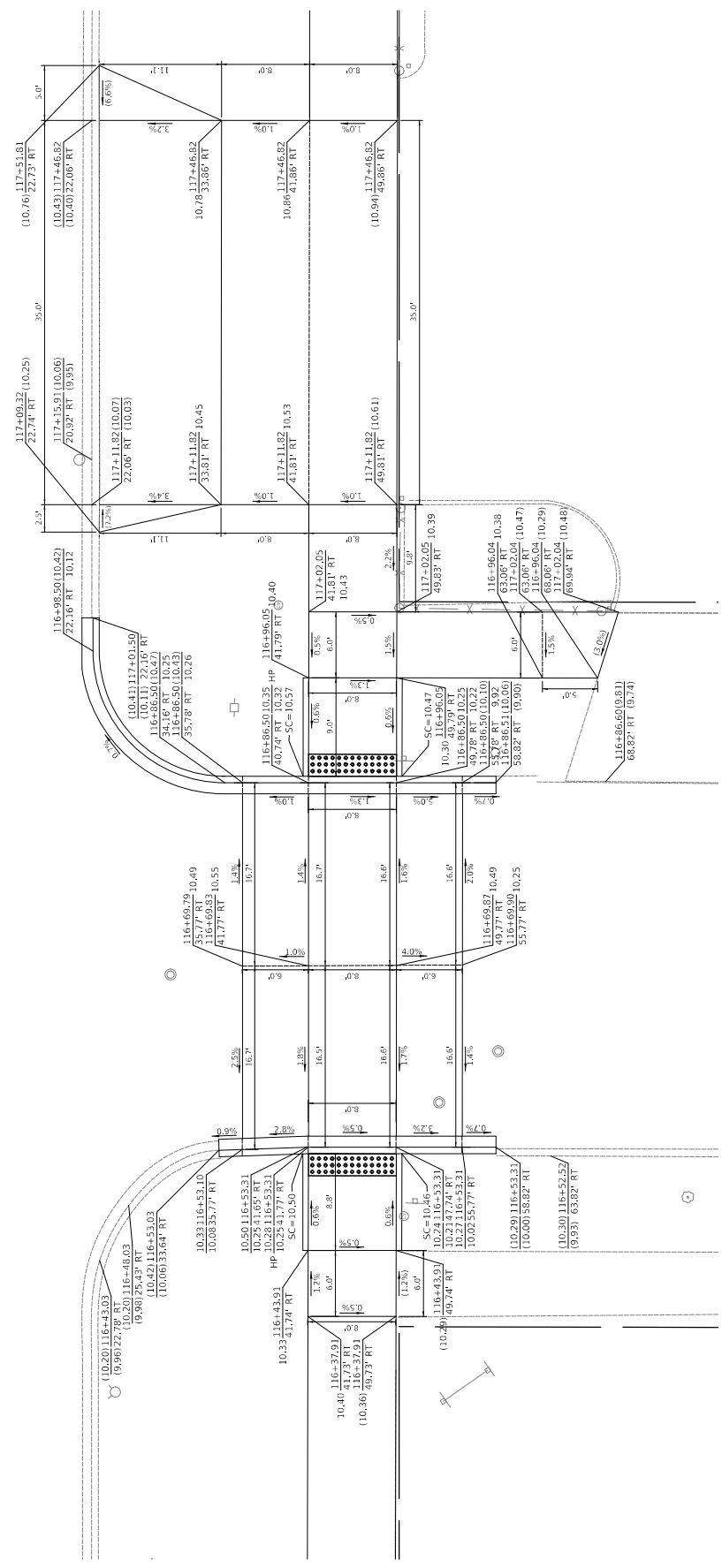
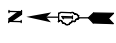
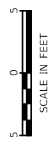
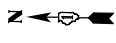


FIGURE 1 - 111TH ST. & LANGLEY AVE. SOUTH SIDE
(116+70)



DRAWN: CUB	DATE:	REVISION:	DESCRIPTION:
CHECKED: BJB	DATE:	REVISION:	DESCRIPTION:
APPROVED: MIF	DATE:	REVISION:	DESCRIPTION:
DATE: 10/27/2023	DATE:	REVISION:	DESCRIPTION:
30 N. LaSalle St. Suite 2220 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.civiltech.com			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
PROJECT NO. 540450		SECTION NO.	
SCALE: 1" = 5'		ADA GRADING DETAILS	
DRAWING NO.		G-31	
SHEET NO.		112	



SCALE IN FEET
0 5

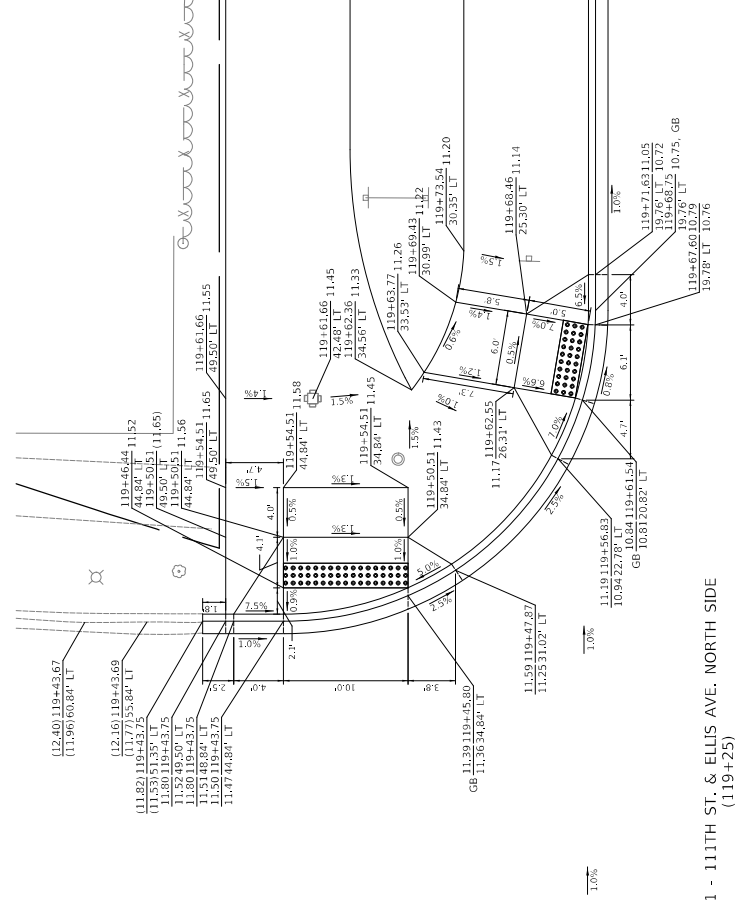
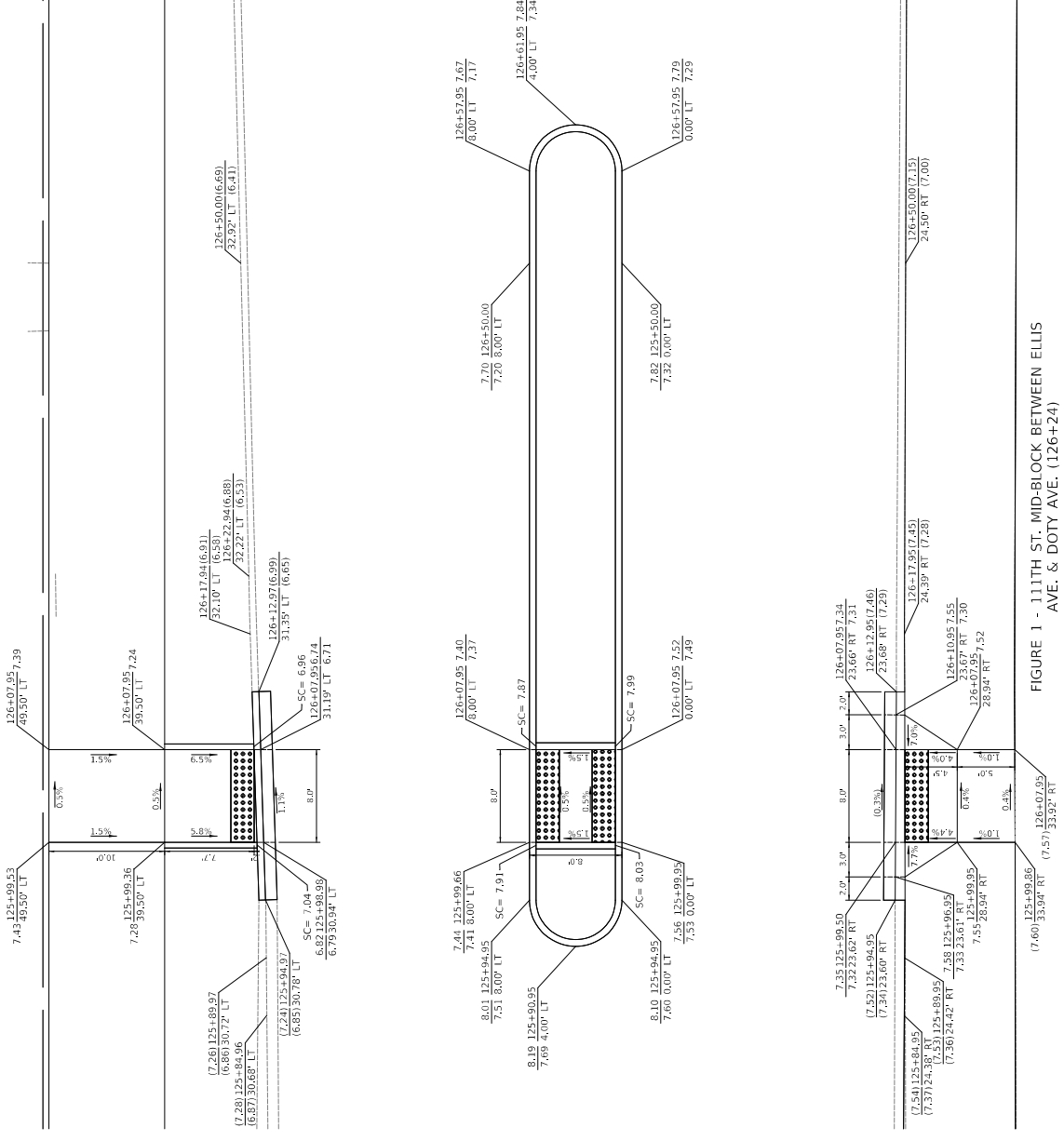
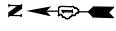


FIGURE 1 - 111TH ST. & ELLIS AVE. NORTH SIDE (119+25)

DRAWN:	CWB	DATE	DESCRIPTION
CHECKED:	BIB		
APPROVED:	MIF		
DATE:	10/27/2023	REVISION:	
 30 N. LaSalle St. Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.civiltech.com			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
DRAWING NO.	G-33	PROJECT NO.	S-0451
SHEET NO.	114	SECTION NO.	
SCALE: 1" = 5'		SCALE: 1" = 5'	



SCALE IN FEET
0 5


DRAWING NO. G-35	SECTION NO. 116
PROJECT NO. 540450	
SCALE: 1" = 5'	
SECTION NO.	
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	
 30 N. LaSalle St. Suite 3200 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.civiltech.com	
DRAWN: CHB	DATE:
CHECKED: BJB	REVISED BY:
APPROVED: MIF	DATE:
DATE: 10/27/02	DESCRIPTION:

FIGURE 1 - 111TH ST. MID-BLOCK BETWEEN ELLIS AVE. & DOTY AVE. (126+24)

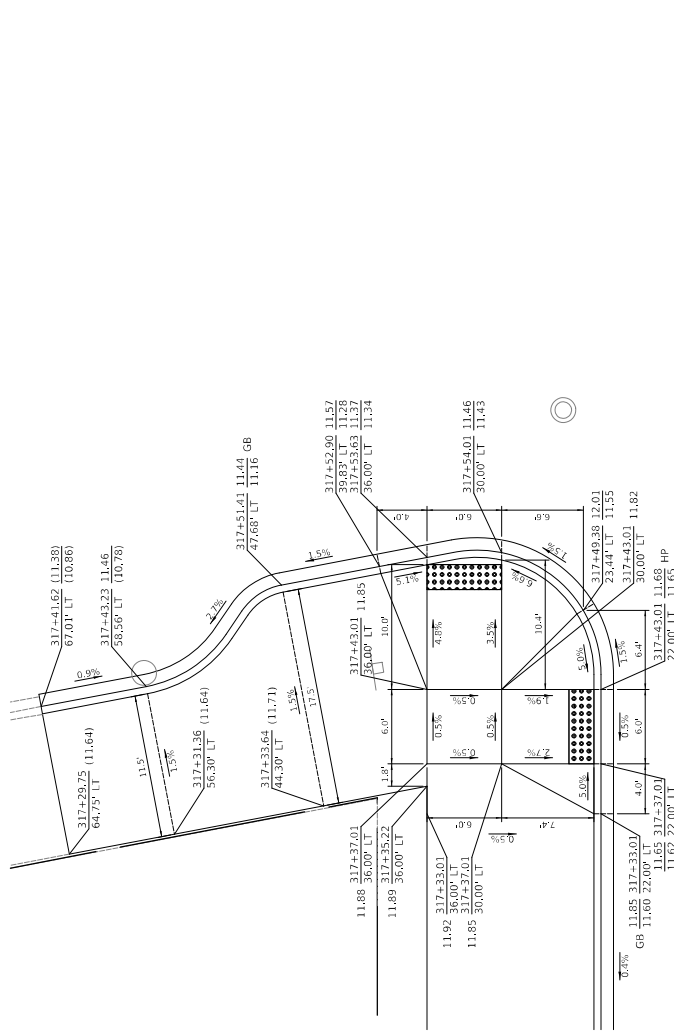


FIGURE 1 - COTTAGE GROVE AVE. AND 109TH ST. SW CORNER (317+52)

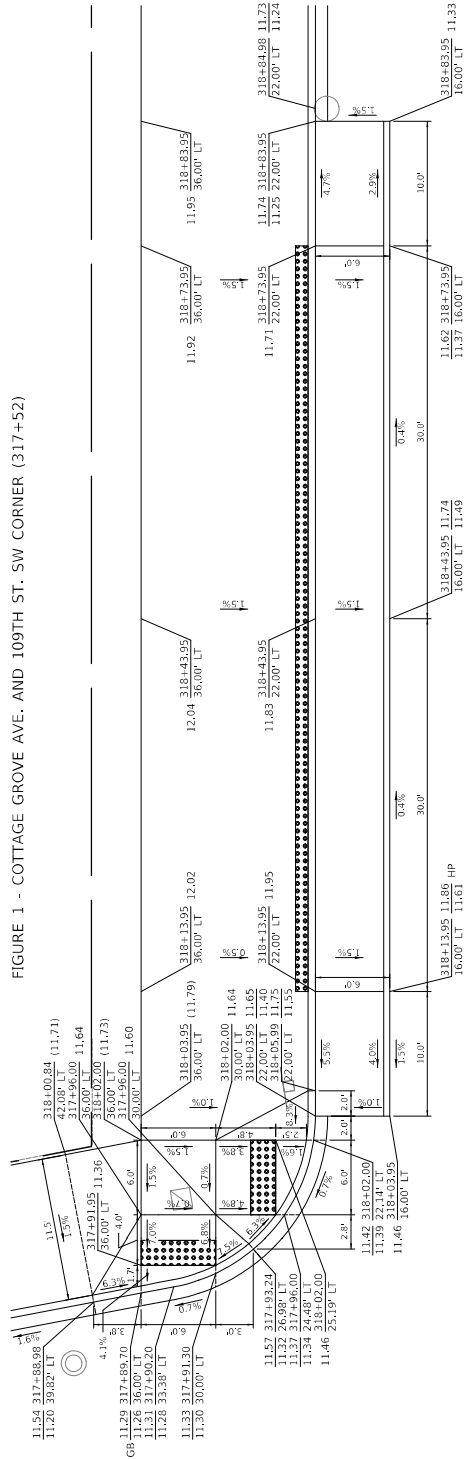
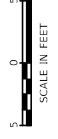
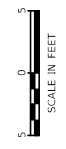
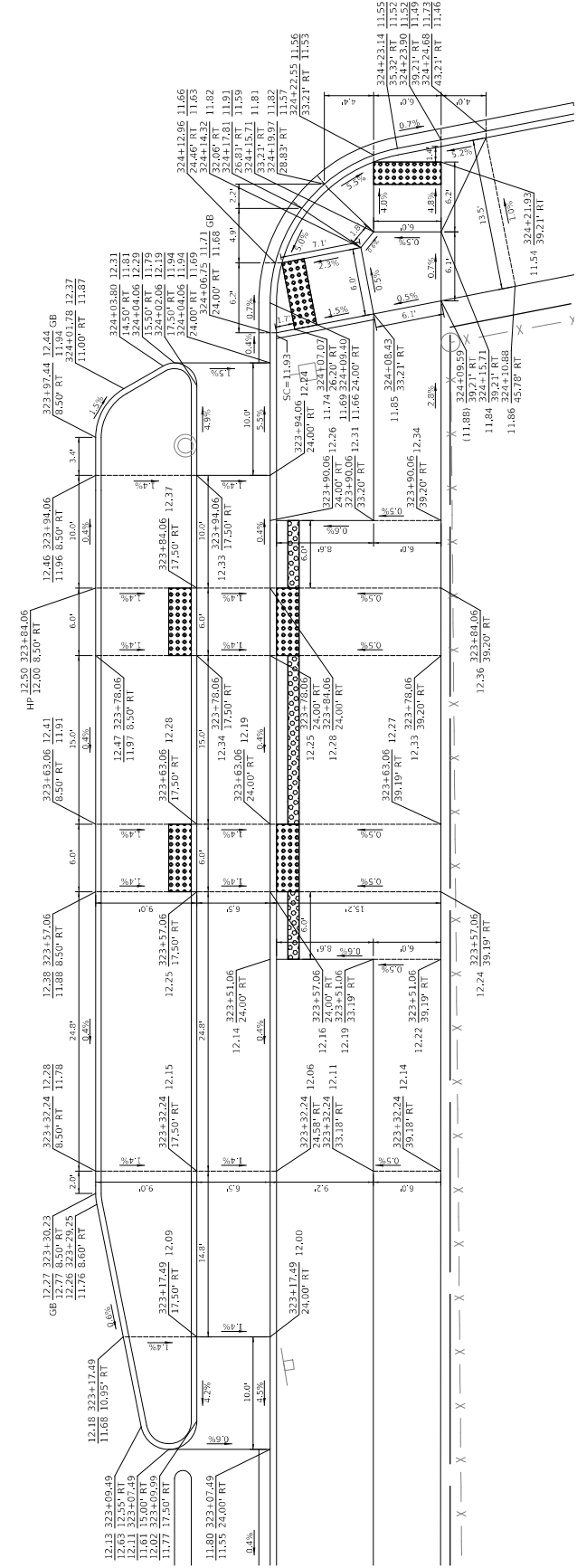


FIGURE 2 - COTTAGE GROVE AVE. AND 109TH ST. NW SIDE (318+00)



DRAWN: CUB	DATE:	DESCRIPTION:	PROJECT NO. 50451	SECTION NO.	SCALE: 1"=5'
CHECKED: BJB	REVISED BY:		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS		
APPROVED: MIF	DATE:		CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		
CIVILTECH			CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		
30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.civiltech.com			111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS		
			ADA GRADING DETAILS		
			DRAWING NO. C-38		
			SHEET NO. 119		



DRAWING NO. C-39		PROJECT NO. S-0451	
SHEET NO. 120		SECTION NO.	
SCALE: 1"=5'		SCALE: 1"=5'	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5919 P.O. - Fax: 312.726.8571 www.chicagotransit.com		AIA GRADING DETAILS	
DRAWN: CUB	CHECKED: BJB	DATE: 10/27/2023	REVISION BY:
APPROVED: M/F	DATE:	REVISION BY:	DATE:
DESCRIPTION:			

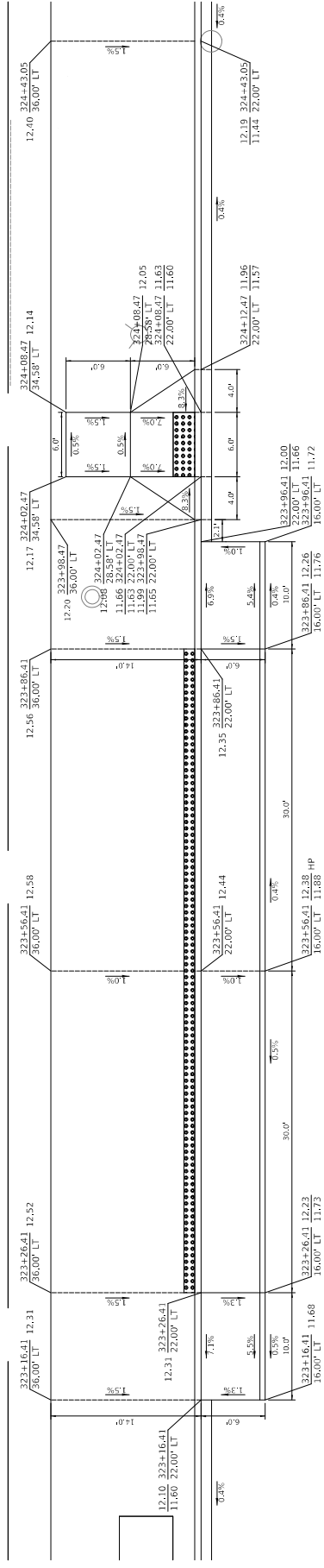


FIGURE 1 - COTTAGE GROVE AVE. AND 108TH ST. EAST SIDE (324+50)

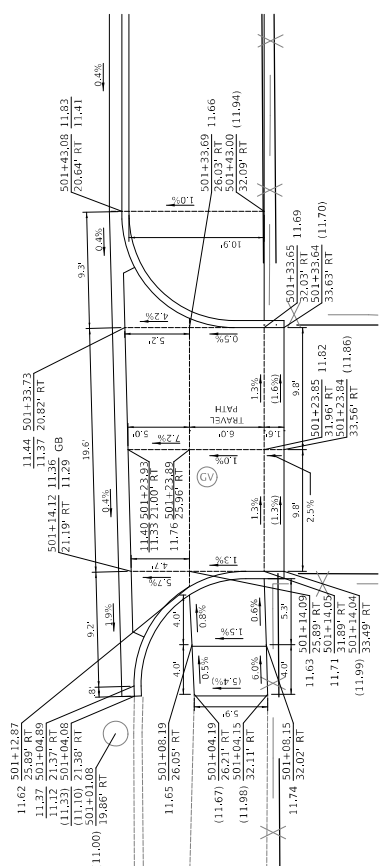
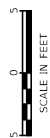


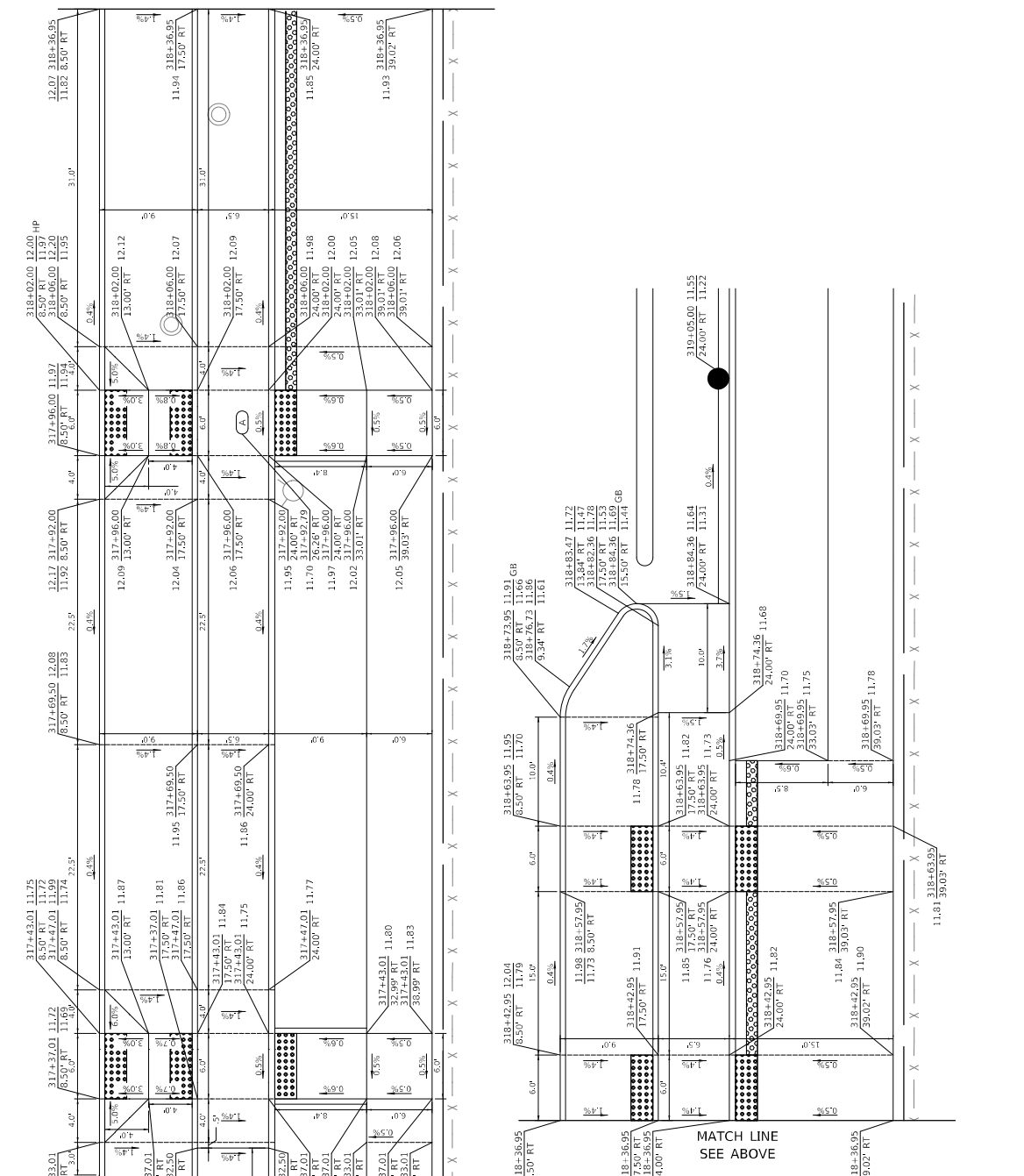
FIGURE 2 - MLK JR. DR. EAST SIDE (501+20)



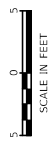
DRAWN: CMB	DATE:	DESCRIPTION:	 30 N. LaSalle St. Suite 3200 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.civiltech.com	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	ADA GRADING DETAILS	PROJECT NO. 50451
CHECKED: B/B	REVISED BY:	SECTION NO.					
APPROVED: M/F	DATE:	SCALE: 1"=5'					
DATE: 10/27/2023	REVISED BY:	SHEET NO. 121					
DRAWING NO. C-40							



MATCH LINE
SEE BELOW



MATCH LINE
SEE ABOVE



PROJECT NO. 50451	SECTION NO.	SCALE: 1"=5'	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	ADA GRADING DETAILS	DRAWING NO. G-41	SHEET NO. 122
DATE: 10/27/2023	REVISED BY:	DATE:	DESCRIPTION:				

NOTE: 11/18/2023
 30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602
 Tel: 312.726.8500 • Fax: 312.726.8571
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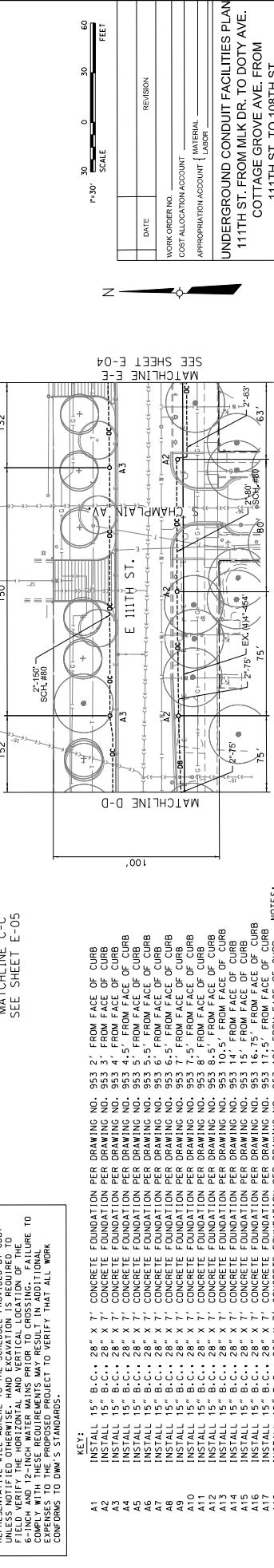
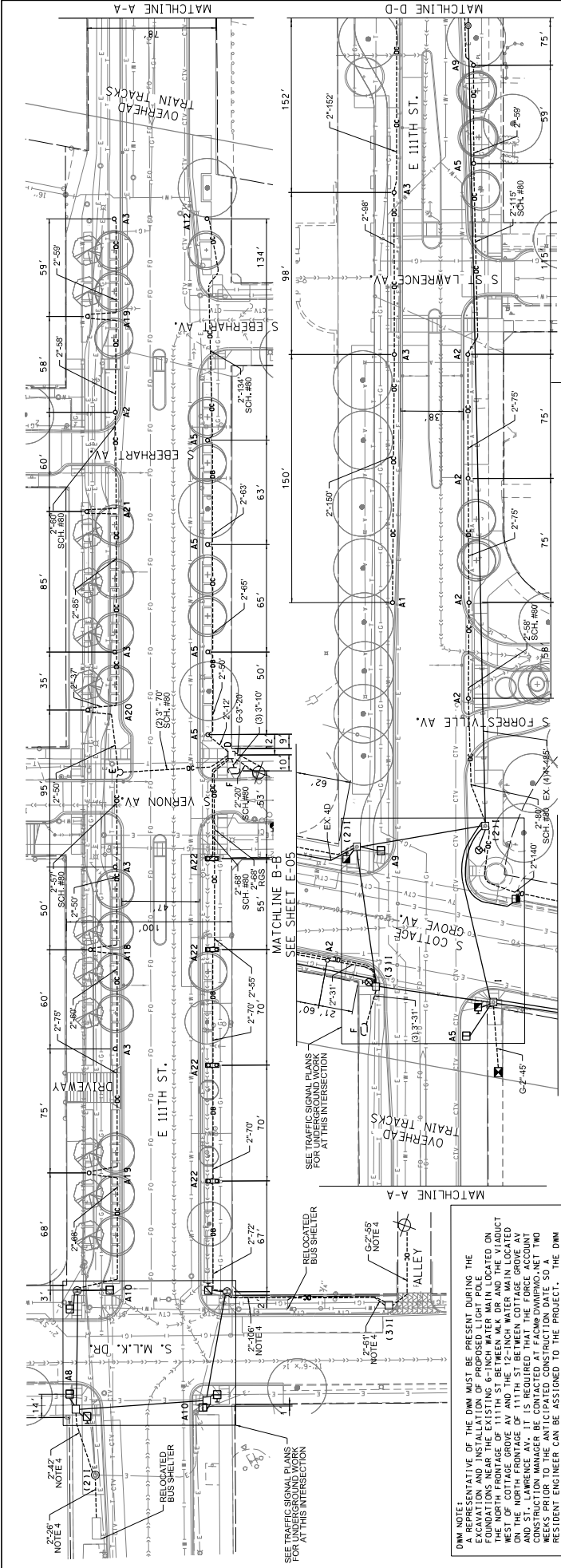
FIGURE 1 - COTTAGE GROVE AVE. AND 109TH ST. EAST SIDE (318+00)

ELECTRICAL GENERAL NOTES

1. ALL WORK FOR THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), CITY OF CHICAGO DIVISION OF ELECTRICAL OPERATIONS STANDARDS (OED), CHICAGO ELECTRICAL CODE, (DOT STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2022, AND NEMA).
2. THE CONTRACTOR SHALL PREPARE A PRELIMINARY SCHEDULE WHEN THE CONTRACT COMMENCES WHICH ESTABLISHES THE PROJECT DATES WHEN THE EXISTING AND TEMPORARY ELECTRICAL SERVICES WILL BE TRANSFERRED TO THE NEW PERMANENT SERVICES AS SHOWN ON THE DRAWINGS. THIS SCHEDULE SHALL BE APPROVED BY THE CONTRACTOR AND RESIDENT ENGINEER, THEN FORWARDED IN WRITING TO THE CITY OF CHICAGO, DIVISION OF ELECTRICAL OPERATIONS (OED), AND COMED. SUBSEQUENT UPDATING OF THE SCHEDULE MUST BE FORWARDED TO THE ABOVE LISTED ENTITIES AS CHANGES OCCUR IN THE DATES, AT LEAST FIVE (5) WORKING DAYS BEFORE THE ELECTRICAL SERVICES ARE SCHEDULED TO BE TRANSFERRED. THE CONTRACTOR SHALL NOTIFY THE CITY OF CHICAGO OED AND COMED BY PHONE AND CONFIRM THE REQUEST IN WRITING. ALL ELECTRICAL SERVICE WORK DOCUMENTATION MUST BE FORWARDED TO THE CITY OF CHICAGO DIVISION OF ELECTRICAL OPERATIONS PRIOR TO STARTING ANY WORK ON THE PRIMARY ELECTRICAL SERVICE EQUIPMENT.
INSPECTORIAL SERVICES, CITY OF CHICAGO DIVISION OF ELECTRICAL OPERATIONS
312-746-5048
MR. STEVE TRIBUZZI, COMED MODIFICATIONS
773-682-1521
MR. STEVE BYSTRANSKY, JC DECAUX
MR. JEFF CARNS, OFFICE OF PUBLIC SAFETY ADMINISTRATION
312-746-9840
3. THE CONTRACTOR SHALL HANDLE COORDINATION OF ALL PROPOSED ELECTRICAL CONNECTIONS, LIGHTING UNITS, CONTROL EQUIPMENT, AND/OR ANY OTHER WORK DEEMED NECESSARY BY THE COMMISSIONER TO ASSURE THAT ANY FUTURE OR CONCURRENT CONTRACT WORK PROCEEDS AS SCHEDULED AND WITHOUT DELAY.
4. THE CONTRACTOR SHALL COORDINATE ALL WORK AND MATERIALS WITH SPECIAL ATTENTION TO ALL OTHER CONSTRUCTION CONTRACTS.
5. THE CONTRACTOR SHALL REFER TO THE CIVIL DRAWINGS FOR LOCATIONS OF EXISTING EQUIPMENT AND UTILITIES NOT SPECIFICALLY SHOWN ON ELECTRICAL DRAWINGS.
6. THE CONTRACTOR SHALL REFER TO THE TRAFFIC CONTROL DRAWINGS AND STATE STANDARDS FOR TRAFFIC CONTROL RELATED TO STREET LIGHTING AND TRAFFIC SIGNAL WORK.
7. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE GENERAL CIVIL, SEWER AND GENERAL TRAFFIC CONTROL NOTES ON DRAWINGS AND/OR SPECIFICATIONS.
8. THE CONTRACTOR SHALL COORDINATE WITH ROADWAY, BRIDGE, SEWER, PIPING, AND TRAFFIC CONTROL CONTRACTORS FOR STAGING AND SEQUENCE OF INSTALLATIONS, BACKFILL, AND/OR CONSTRUCTION SCHEDULING.
9. ALL CITY OF CHICAGO LIGHTING EQUIPMENT REMOVED AS PART OF THIS CONTRACT WILL REMAIN THE PROPERTY OF THE CITY AND SHALL BE DELIVERED TO CITY'S STORAGE FACILITY LOCATED WITHIN THE CITY LIMITS IN ACCORDANCE WITH THE CONTRACT SPECIFICATION, UNLESS NOTED OTHERWISE.
10. RECORD DRAWINGS SHOWING EXISTING STREET LIGHTING INSTALLATIONS AND CABINET LOCATIONS, ARE AVAILABLE FOR THE CONTRACTORS INFORMATION AT THE OFFICES OF CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION, DIVISION OF ELECTRICAL OPERATIONS.
11. ALL EXISTING AREAS THAT ARE DAMAGED AS A PART OF THIS WORK, INCLUDING BUT NOT LIMITED TO FENCING, CURBS AND GUTTERS, AND SIDEWALKS, SHALL BE RESTORED TO ORIGINAL CONDITION BY THE APPLICABLE CONTRACT PAY ITEMS, SHALL BE RESTORED TO THE SATISFACTION OF THE COMMISSIONER AND SEPARATE PAYMENT WILL NOT BE MADE.
12. ALL NEW ELECTRICAL EQUIPMENT INSTALLED UNDER THIS CONTRACT SHALL BE DONE IN SUCH A MANNER AS NOT TO DAMAGE THE EXISTING LANDSCAPE TREES, BUSHES, ETC., DURING THE PROGRESSION OF WORK. IF THE CONTRACTOR HAS A CONFLICT WITH THE EXISTING LANDSCAPE HE SHALL STOP THE WORK, IMMEDIATELY NOTIFY THE RESIDENT ENGINEER, AND WAIT FOR RESOLUTION.
13. THE EXISTING ROADWAY LIGHTING SYSTEM WITHIN THE CONSTRUCTION LIMITS OF THE PROJECT SHALL REMAIN IN OPERATION FOR THE DURATION OF THIS PROJECT UNTIL SUCH TIME THAT THE NEW LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED, ADJUSTED, AND ACCEPTED BY THE COMMISSIONER. THE COST OF THIS WORK WILL BE INCLUDED AS PART OF THE MAINTAIN EXISTING LIGHTING SYSTEM PAY ITEM.
14. WORK FOR ELECTRICAL SYSTEMS SHALL BE COMPLETED, APPROVED, AND FULLY OPERATIONAL BEFORE A FINAL ACCEPTANCE INSPECTION FOR THE PROJECT CAN BE SCHEDULED. LIGHTING CONTRACTORS MAY NOT BE TRANSFERRED IN GROUPS OR INDIVIDUALLY TO THE CITY FOR MAINTENANCE PURPOSES PRIOR TO CONTRACT COMPLETION UNLESS OTHERWISE DIRECTED BY THE COMMISSIONER.
15. AT THE COMMENCEMENT OF CONTRACT ACTIVITIES, ELECTRICAL OR OTHERWISE, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROPER OPERATION AND MAINTENANCE OF ALL EXISTING LIGHTING AND POWER SYSTEMS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE DIRECTED BY THE COMMISSIONER.
16. ALL PROPOSED DUCT BANKS, CONDUITS, JUNCTION BOXES, AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATIONS IN THE FIELD SHALL BE APPROVED BY THE COMMISSIONER.
17. DE-ENERGIZING OF EXISTING LIGHTING UNITS WILL BE INCLUDED IN THE COST OF THE REMOVE LUMINAIRE PAY ITEM WORK. SEPARATE PAYMENT WILL NOT BE MADE.
18. DISCONNECTION AND REMOVAL OF EXISTING BEAM CLAMPS, HANGERS, BRACKETS, CONDUITS, WIRES IN CONDUIT, AND AERIAL CABLES ATTACHED TO STRUCTURES AND TO EXISTING LIGHTING UNITS WILL BE INCLUDED IN THE COST OF THE ASSOCIATED REMOVAL PAY ITEM WORK. SEPARATE PAYMENT WILL NOT BE MADE.

19. NOT USED.
20. REMOVAL OF EXISTING ELECTRICAL CABLES FEEDING EACH OF THE EXISTING LIGHTING UNITS WILL BE INCLUDED IN THE COST OF THE ASSOCIATED REMOVAL ITEM AND SEPARATE PAYMENT WILL NOT BE MADE.
21. EXISTING EMBEDDED AND UNDERGROUND RACEWAYS BETWEEN EXISTING LIGHTING UNITS OR EXISTING EQUIPMENT SHALL BE REMOVED, UNLESS NOTED OTHERWISE.
22. THE CONTRACTOR SHALL COORDINATE WITH THE COMMISSIONER AND ALL CONCERNED ORGANIZATIONS IF CONFLICTS BETWEEN EXISTING FACILITIES AND ANY ELEMENTS OF THE PROPOSED LIGHTING INSTALLATION ARE ENCOUNTERED.
23. THE CONTRACTOR SHALL PROVIDE AND INSTALL ANY ADDITIONAL TEMPORARY ELECTRICAL EQUIPMENT CONNECTIONS AS NECESSARY TO MAINTAIN EXISTING LIGHTING CONTINUITY AS THE PROPOSED WORK FOR INSTALLATION AND REMOVAL OF EXISTING LIGHTING EQUIPMENT PROGRESSES. THE COST OF THIS WORK WILL BE INCLUDED IN MAINTAIN EXISTING LIGHTING SYSTEM.
24. WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION OR EXISTING FOUNDATION, THE CONTRACTOR MUST NOTIFY THE COMMISSIONER FOR DIRECTION IN WRITING PRIOR TO FURTHER EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE COMMISSIONER. THIS WORK WILL BE INCLUDED IN THE APPROPRIATE EXCAVATION PAY ITEM.
25. THE CONTRACTOR SHALL REFER TO ALL CITY OF CHICAGO EDISON SERVICE ATLAS DRAWINGS, CHICAGO PARK DISTRICT DRAWINGS, COMED DRAWINGS, AND AT&T DRAWINGS FOR POSSIBLE UNDERGROUND WIRES, CABLES, CONDUITS, DUCT RUNS, EQUIPMENT, OR DEVICES.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MARKING THE PROPOSED LOCATION OF ALL CITY LIGHT POLES, LUMINAIRES, CABINETS, JUNCTION BOXES, CONDUIT ROUTES, AND OTHER EQUIPMENT AND ITEMS FOR A CONTRACTOR REQUESTED PRE-CONSTRUCTION INSPECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MARKING THE PROPOSED LOCATION OF ALL ITEMS TO BE REMOVED OR TO BE INSTALLED. ALL ITEMS SHALL BE APPROVED BY THE CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS PRIOR TO STARTING WORK. ANY WORK INSTALLED WITHOUT LOCATION APPROVAL FROM THE CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS WILL BE SUBJECT TO CORRECTIVE ACTION AT THE CONTRACTOR'S EXPENSE.
27. THE CONTRACTOR SHALL IDENTIFY EACH ELECTRICAL CABLE ASSEMBLY FOR STREET LIGHTING. CABLES SHALL BE TAGGED IN ALL HANDHOLES, MANHOLES, CONTROLLER CABINETS, AND LIGHT POLE BUSES.
28. CONDUIT STUBOUTS IN EQUIPMENT FOUNDATIONS WILL NOT BE MEASURED FOR PAYMENT, BUT WILL BE CONSIDERED AS PART OF THE APPLICABLE FOUNDATION PAY ITEM. REFER TO SPECIFICATIONS.
29. THE QUANTITIES OF RIGID GALVANIZED STEEL CONDUIT AND PVC, WHERE INDICATED ON THESE PLAN DRAWINGS, ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
30. THE ELECTRICAL CABLE PHASE AND NEUTRAL CONDUCTORS SHALL BE RUN CONTINUOUS WITHOUT ANY UNDERGROUND SPLICES. JUNCTION BOX SPLICES, PULL BOX SPLICES, HANDHOLE SPLICES, OR MANHOLE SPLICES, SPLICES OF ELECTRIC CABLE PHASE AND NEUTRAL CONDUCTORS WILL BE PERMITTED ONLY IN THE BASE OF THE PROPOSED LIGHT POLES AND CONTROLLERS UNLESS NOTED OTHERWISE. THIS WORK WILL BE INCLUDED IN THE ELECTRIC CABLE PAY ITEM AND SEPARATE PAYMENT WILL NOT BE MADE.
31. NOT USED.
32. WHERE DUCT RUN OR EMBEDDED CONDUIT INSTALLATIONS MUST DEVIATE FROM THAT SHOWN ON DRAWINGS AND DEVIATIONS INCREASE DUCT LENGTH OR ADD BENDS BETWEEN MANHOLES/HANDHOLES OR DEVICES, THE CONTRACTOR SHALL NOTIFY THE COMMISSIONER AND PRODUCE EVIDENCE THAT CABLES CAN BE PULLED THROUGH THE EXISTING OR PROPOSED DUCT WITHOUT EXCEEDING MAXIMUM ALLOWABLE CABLE PULLING TENSION.
33. THE CONTRACTOR SHALL SCHEDULE A FINAL ACCEPTANCE INSPECTION WITH THE COMMISSIONER. THE CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS, UPON PROPOSED STREET LIGHTING WORK, UPON FINAL ACCEPTANCE BY THE DESIGN AND THE COMMISSIONER, THE CONTRACTOR SHALL TRANSFER ALL STREET LIGHTING, AND POWER DISTRIBUTION INSTALLATIONS TO THE CITY DEPT FOR MAINTENANCE PURPOSES.
34. ALL EMPTY CONDUIT FOR FUTURE USE SHALL HAVE A PULL STRING OR CABLE INSTALLED TO ASSIST IN FUTURE CABLING. THE COST OF THE CABLE OR STRING WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONDUIT.
35. THE CONTRACTOR IS RESPONSIBLE TO VERIFY CONDUIT INSTALLATION AGAINST EXISTING AND PROPOSED UNDERGROUND UTILITIES. THE MINIMUM HORIZONTAL CLEARANCE OF 3FT MUST BE PROVIDED BETWEEN THE PROPOSED UNDERGROUND CONDUIT AND THE EXISTING OR PROPOSED WATERMAIN. THE CONDUIT INSTALLATION MUST MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 18 INCHES WHERE IT CROSSES THE WATERMAIN, AT ALL FIRE HYDRANT LOCATIONS, A MINIMUM HORIZONTAL CLEARANCE OF 5 FT MUST BE PROVIDED BETWEEN THE PROPOSED CONDUIT AND THE FIRE HYDRANT.
36. CITY CONTRACTORS ARE REQUESTED TO TAKE EXTRA PRECAUTIONS WHEN WORKING NEAR COMED OVERHEAD WIRES. THESE WIRES ARE NOT INSULATED. UNLESS OTHERWISE NOTED, ALL WORK SHALL BE CONSIDERED TO BE IN CONTACT WITH OVERHEAD WIRES. PLEASE CONTACT COMED, PROJECT ENGINEER, CAITLIN BALL, 173-836-2305, 6 WEEKS PRIOR TO START OF WORK.
37. SITE COORDINATION WITH PEOPLES GAS REPRESENTATIVE IS REQUIRED FOR PLACING ALL LIGHT POLE FOUNDATIONS. CONTACT SOUTH SHOP ENGINEERING SUPERVISOR, SHRIKANT SHAH, 847-454-4209, A MINIMUM OF 5 BUSINESS DAYS PRIOR TO EXCAVATION TO SET UP ON-SITE INSPECTION DURING EXCAVATION. AT NO POINT SHALL LIGHT POLE FOUNDATIONS BE IN CONTACT WITH GAS MAIN. INSPECTION BY PEOPLES GAS IS REQUIRED PRIOR TO BACK FILL. CONTRACTOR MUST MAINTAIN EDGE TO EDGE CLEARANCES AS NOTED ON THE PLANS FROM FOUNDATIONS TO PEOPLES GAS FACILITIES.
38. DIRECTIONAL DRILLING IS CONSIDERED A HIGH RISK EXCAVATION AS DETERMINED BY PHMSA AND NTSB. AS SUCH SPECIAL CONSIDERATIONS SHALL TAKE PLACE NEAR NATURAL GAS DISTRIBUTION LINES. CONTRACTOR MUST OBSERVE BORE HEAD WHILE CROSSING GAS FACILITIES AND VERIFY THAT MINIMUM VERTICAL CLEARANCE IS OBTAINED. LOCATIONS OF EXISTING GAS FACILITIES MUST BE VERIFIED AT SUFFICIENT INTERVALS, OR A MAX DISTANCE OF 50FT, WHEN PARALLELING TO ENSURE MINIMUM HORIZONTAL SEPARATION IS MAINTAINED. NOTIFY SYSTEM INTEGRITY SUPERVISOR A MINIMUM OF 5 BUSINESS DAYS PRIOR TO EXCAVATION TO SET UP ON-SITE INSPECTION. ALL DIRECTIONAL DRILL PROJECTS WILL BE PLACED ON PEOPLES GAS MAINS. CONTACT SHRIKANT SHAH, 847-454-4209, SOUTH SHOP ENGINEERING SUPERVISOR, SHRIKANT SHAH, 847-454-4209.

DRAWN: VN	DATE: 10/27/2023	DESCRIPTION:	<p>SINGH CONSULTING ENGINEERS</p>	<p>CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</p>	<p>111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS</p>	<p>CDOT ELECTRICAL GENERAL NOTES</p>	DRAWING NO. E-02
CHECKED: SG	DATE:	SHEET NO. 124					
APPROVED: KP	DATE:	SECTION NO.					
DATE:	DATE:	PROJECT NO. SA4450					



KEY:

A1 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 2' FROM FACE OF CURB
 A2 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 3' FROM FACE OF CURB
 A3 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 4' FROM FACE OF CURB
 A4 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 4.5' FROM FACE OF CURB
 A5 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 5' FROM FACE OF CURB
 A6 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 5.5' FROM FACE OF CURB
 A7 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 6' FROM FACE OF CURB
 A8 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 6.5' FROM FACE OF CURB
 A9 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 7' FROM FACE OF CURB
 A10 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 7.5' FROM FACE OF CURB
 A11 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 8' FROM FACE OF CURB
 A12 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 8.5' FROM FACE OF CURB
 A13 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 9' FROM FACE OF CURB
 A14 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 10' FROM FACE OF CURB
 A15 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 10.5' FROM FACE OF CURB
 A16 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 11' FROM FACE OF CURB
 A17 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 11.5' FROM FACE OF CURB
 A18 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 12' FROM FACE OF CURB
 A19 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 12.5' FROM FACE OF CURB
 A20 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 13' FROM FACE OF CURB
 A21 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 13.5' FROM FACE OF CURB
 A22 INSTALL 15" B.C. x 28" x 7' CONCRETE FOUNDATION PER DRAWING NO. 953 14' FROM FACE OF CURB
 D INSTALL 36" HEAVY DUTY HANDLE PER DRAWING 866 W/ 24" F.
 E INSTALL 30" HANDLE AS PER DRAWING NO. 866 W/ 24" F.
 F INSTALL 12" GALVANIZED STEEL CONDUIT IN TRENCH SIZE AS NOTED
 G DRILL EXISTING MANHOLE/HANDHOLE - (X) "X" INDICATES QUANTITY EXISTING CONDUIT
 ---CC--- PROPOSED CONDUIT BY OPEN CUT TRENCH
 ---DB--- PROPOSED CONDUIT BY DIRECTIONAL BORE

NOTES:

- DIRECTIONAL DRILLING IS APPROVED TO A MAXIMUM DEPTH OF 33-INCHES. ALL SERVICE CONTROL VALVE AND METER VAULT LOCATIONS MUST BE VERIFIED PRIOR TO CONSTRUCTION AND 3-FEET OF HORIZONTAL SEPARATION MUST BE MAINTAINED. SHOULD FIELD CONDITIONS REQUIRE ADDITIONAL ENGINEERING SERVICES OR RELOCATION, THEN CDOT SHALL SUBMIT FUNDING AND/OR RFI FOR DMM APPROVAL PRIOR TO INSTALLATION.
- SIGNALIZED INTERSECTION CONDUIT CROSSINGS SHALL BE INSTALLED AS SHOWN ON TRAFFIC SIGNAL PLANS.
- ALL CONDUITS SHALL BE PVC SCHEDULE 40, UNLESS NOTED OTHERWISE, SIZE AS NOTED. CONDUITS UNDER ROADWAY OR DRIVEWAYS SHALL BE SCHEDULE 80.
- CONDUIT FOR CONNECTION TO BUS SHELTERS TO BE INSTALLED BY OTHERS. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH UCC/CAUC.

DMM NOTE:
 REPRESENTATIVE OF THE DMM MUST BE PRESENT DURING THE EXCAVATION AND INSTALLATION OF PROPOSED LIGHT POLE FOUNDATIONS NEAR THE EXISTING 6-INCH WATER MAIN LOCATED ON THE NORTH SIDE OF GROVE AV. AND THE 12-INCH WATER MAIN LOCATED ON THE NORTH FRONTAGE OF 111TH ST BETWEEN COTTAGE GROVE AV AND ST. LAWRENCE AV. IT IS REQUIRED THAT THE FORCE ACCOUNT BE PROVIDED FOR THE EXCAVATION AND CONSTRUCTION OF THE TWO REPRESENTATIVE ENGINEER CAN BE ASSIGNED TO THE PROJECT. THE REPRESENTATIVE WILL ADHERE TO THE SCHEDULE PROVIDED BY CDOT UNLESS NOTIFY THEM OTHERWISE. HAND CRITICAL TO THE PROJECT. 6-INCH AND 12-INCH WATER MAINS PRIOR TO CROSSING. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DMM'S STANDARDS.

DATE	REVISION
WORK ORDER NO.	
COST ALLOCATION ACCOUNT	
APPROPRIATION ACCOUNT	MATERIAL
	LABOR
UNDERGROUND CONDUIT FACILITIES PLAN	
111TH ST. FROM MLK DR. TO DOTY AVE.	
COTTAGE GROVE AVE. FROM 111TH ST. TO 108TH ST.	
CITY OF CHICAGO	
DEPARTMENT OF TRANSPORTATION	
DIVISION OF ELECTRICAL OPERATIONS	
DRAWN BY: VA	CHIEF DRAFTSMAN/ENGINEER: SG
SUPERVISING ENGINEER: RP	ENGINEER OF ELECTRICITY:
DEPUTY COMMISSIONER:	
DATE: 10/27/2023	SCALE: 1" = 30'
PROJECT NO. 54449	SECTION NO.
DRAWING NO. E-03	SHEET NO. 125

23-123

CONTRACTOR: SINGH CONSULTING ENGINEERS

UNDERGROUND CONDUIT FACILITIES PLAN
 111TH ST. MLK DR. TO DOTY AVE.

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

CITY OF CHICAGO
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CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

DATE	REVISION	DATE	DESCRIPTION
10/27/2023			

DATE: 10/27/2023

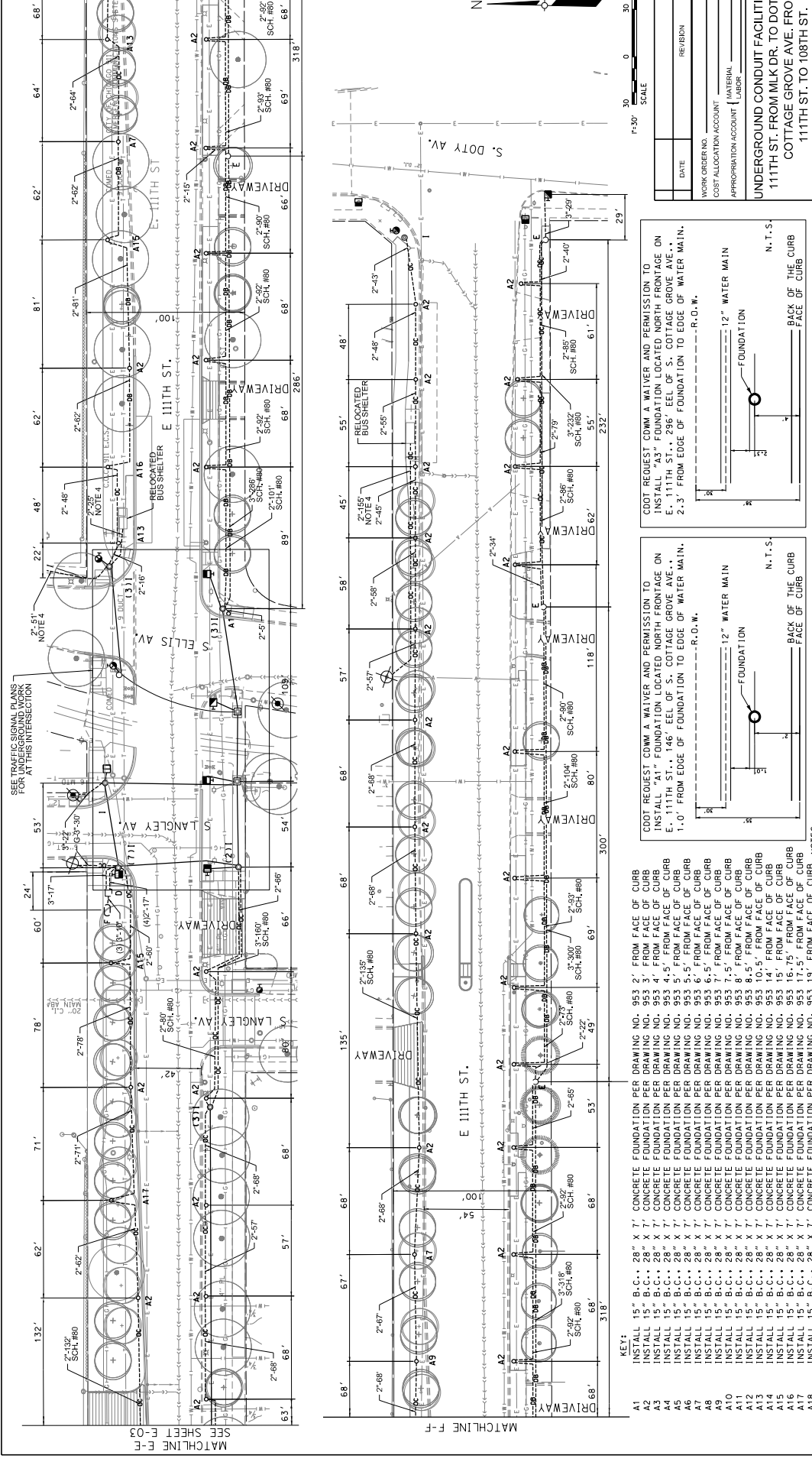
SCALE: 1" = 30'

PROJECT NO. 54449

SECTION NO.

DRAWING NO. E-03

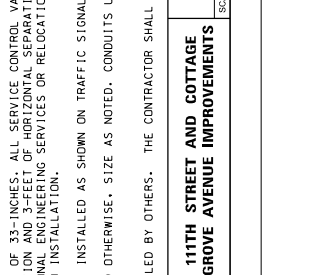
SHEET NO. 125



SEE DIMENSIONS AND WORK FOR THIS INTERSECTION
 SEE DIMENSIONS AND WORK FOR THIS INTERSECTION
 MATCHLINE F-F
 MATCHLINE F-F
 MATCHLINE F-F

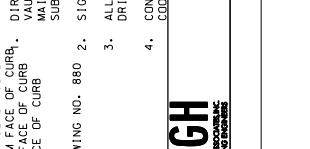
KEY:

INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 3' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 4' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 4.5' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 5' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 5.5' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 6' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 7' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 7.5' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 8' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 8.5' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 10' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 15' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 16.75' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 17.5' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 19' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 20' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 21' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 22' FROM FACE OF CURB
 INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 23' FROM FACE OF CURB
 INSTALL 36" HEAVY DUTY HANDLE AS PER DRAWING NO. 867 W/24" F. & C.
 INSTALL GALVANIZED STEEL CONDUIT IN TRENCH, SIZE AS NOTED
 EXISTING CONDUIT BY DIRECTIONAL BORE
 PROPOSED CONDUIT BY OPEN CUT TRENCH



CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT



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DIVISION OF PROJECT DEVELOPMENT

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT
 DIVISION OF PROJECT DEVELOPMENT

DATE: 10/27/2023
 PROJECT NO. 544540 SECTION NO. 125

NO.	DESCRIPTION	DATE	REVISION
01	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 3' FROM FACE OF CURB		
02	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 4' FROM FACE OF CURB		
03	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 4.5' FROM FACE OF CURB		
04	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 5' FROM FACE OF CURB		
05	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 5.5' FROM FACE OF CURB		
06	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 6' FROM FACE OF CURB		
07	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 7' FROM FACE OF CURB		
08	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 7.5' FROM FACE OF CURB		
09	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 8' FROM FACE OF CURB		
10	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 8.5' FROM FACE OF CURB		
11	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 10' FROM FACE OF CURB		
12	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 15' FROM FACE OF CURB		
13	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 16.75' FROM FACE OF CURB		
14	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 17.5' FROM FACE OF CURB		
15	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 19' FROM FACE OF CURB		
16	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 20' FROM FACE OF CURB		
17	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 21' FROM FACE OF CURB		
18	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 22' FROM FACE OF CURB		
19	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 23' FROM FACE OF CURB		
20	INSTALL 36" HEAVY DUTY HANDLE AS PER DRAWING NO. 867 W/24" F. & C.		
21	INSTALL GALVANIZED STEEL CONDUIT IN TRENCH, SIZE AS NOTED		
22	EXISTING CONDUIT BY DIRECTIONAL BORE		
23	PROPOSED CONDUIT BY OPEN CUT TRENCH		

NO.	DESCRIPTION	DATE	REVISION
01	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 3' FROM FACE OF CURB		
02	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 4' FROM FACE OF CURB		
03	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 4.5' FROM FACE OF CURB		
04	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 5' FROM FACE OF CURB		
05	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 5.5' FROM FACE OF CURB		
06	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 6' FROM FACE OF CURB		
07	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 7' FROM FACE OF CURB		
08	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 7.5' FROM FACE OF CURB		
09	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 8' FROM FACE OF CURB		
10	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 8.5' FROM FACE OF CURB		
11	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 10' FROM FACE OF CURB		
12	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 15' FROM FACE OF CURB		
13	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 16.75' FROM FACE OF CURB		
14	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 17.5' FROM FACE OF CURB		
15	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 19' FROM FACE OF CURB		
16	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 20' FROM FACE OF CURB		
17	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 21' FROM FACE OF CURB		
18	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 22' FROM FACE OF CURB		
19	INSTALL 15" B.C. X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 23' FROM FACE OF CURB		
20	INSTALL 36" HEAVY DUTY HANDLE AS PER DRAWING NO. 867 W/24" F. & C.		
21	INSTALL GALVANIZED STEEL CONDUIT IN TRENCH, SIZE AS NOTED		
22	EXISTING CONDUIT BY DIRECTIONAL BORE		
23	PROPOSED CONDUIT BY OPEN CUT TRENCH		

WORK ORDER NO. _____
 COST ALLOCATION ACCOUNT _____ MATERIAL _____ LABOR _____
 APPROPRIATION ACCOUNT _____
 DATE _____ REVISION _____

UNDERGROUND CONDUIT FACILITIES PLAN
 111TH ST. FROM MLK DR. TO DOTY AVE.
 FROM COTTAGE GROVE AVE. TO 111TH ST. TO 108TH ST.

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
 UNDERGROUND CONDUIT FACILITIES PLAN
 111TH ST. MLK DR. TO DOTY AVE.
 FROM COTTAGE GROVE AVE. TO 111TH ST. TO 108TH ST.

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

DATE: 10/27/2023
 PROJECT NO. 544540 SECTION NO. 125

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
UNDERGROUND CONDUIT FACILITIES PLAN
111TH ST. MLK DR. TO 108TH ST

DATE:	10/27/2023	REVISION:	
APPROVED:		DATE:	
CHECKED:			
DRAWN:	SV		

DATE:	10/27/2023	REVISION:	
APPROVED:		DATE:	
CHECKED:			
DRAWN:	SV		

PROJECT NO. 544450
SHEET NO. 127
E-05
DRAWING NO.

ENGINEER OF ELECTRICITY:		SCALE: 1" = 30'	
DEPT. SUPT. OF ELECTRICITY:		DATE: 12/26/10	DATE: 10/27/2023
SUPERVISING ENGINEER:		SIZE: 22" x 34"	
DRAFTSMAN:		PROJECT NO. 544450	
DIVISION:		SECTION NO.	
CITY OF CHICAGO		ENGINEERS: 50	
DEPARTMENT OF TRANSPORTATION		DIVISION: 50	
DIVISION OF ELECTRICAL OPERATIONS		23-125	
CITY OF CHICAGO			
DEPARTMENT OF TRANSPORTATION			
DIVISION OF ELECTRICAL OPERATIONS			
CITY OF CHICAGO			
DEPARTMENT OF TRANSPORTATION			
DIVISION OF ELECTRICAL OPERATIONS			
CITY OF CHICAGO			

REVISION

WORK ORDER NO.

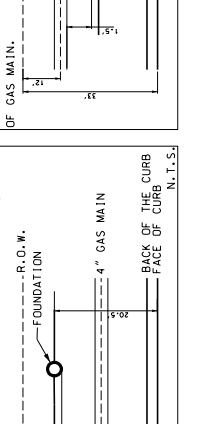
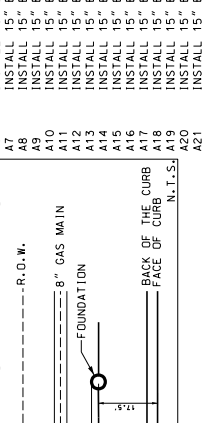
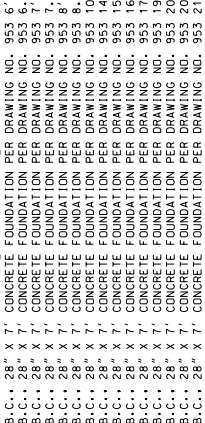
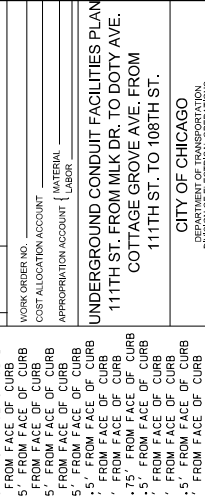
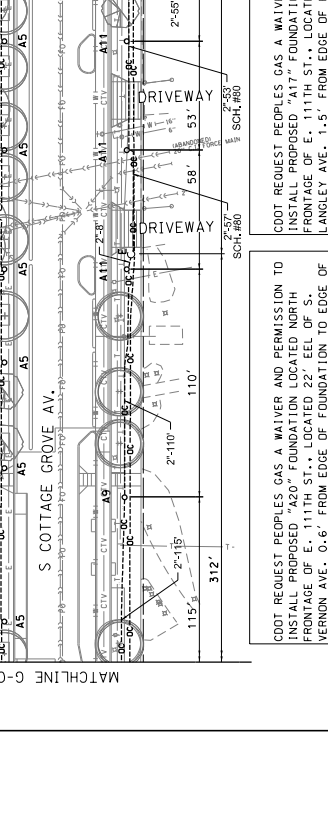
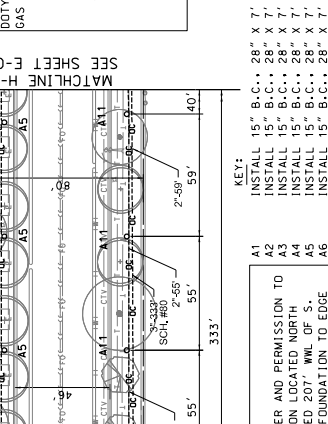
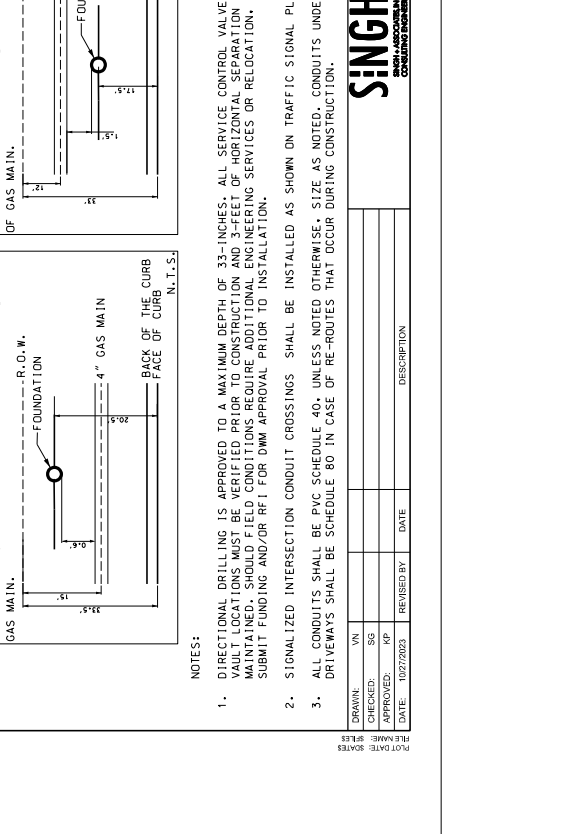
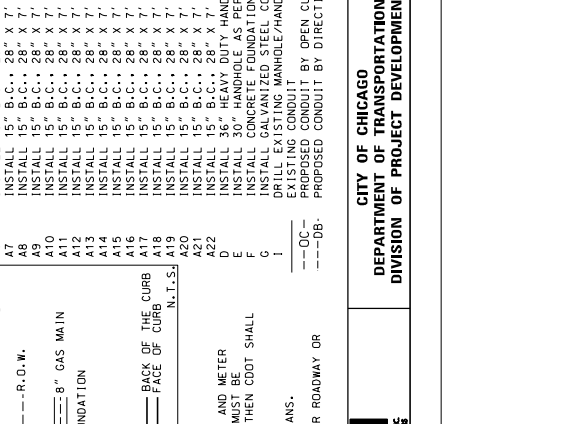
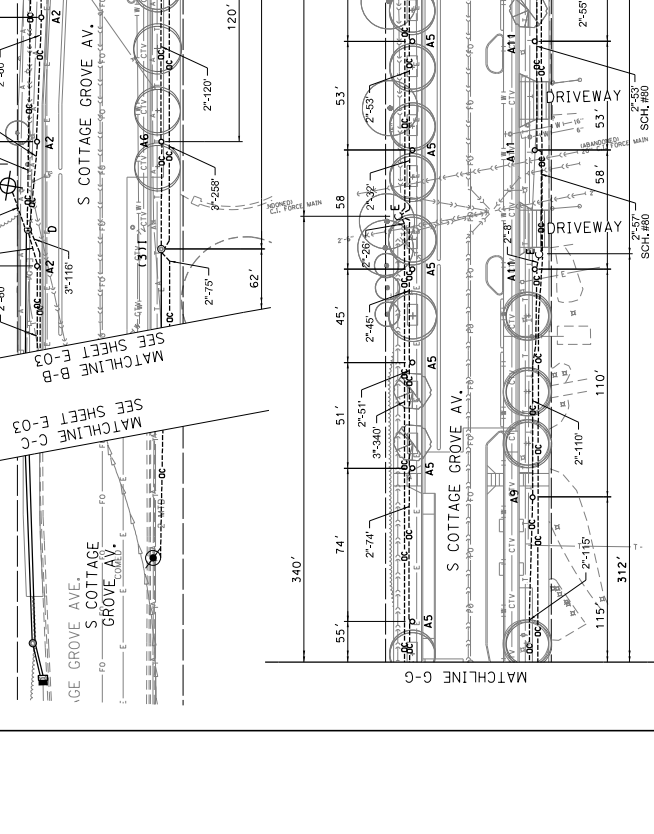
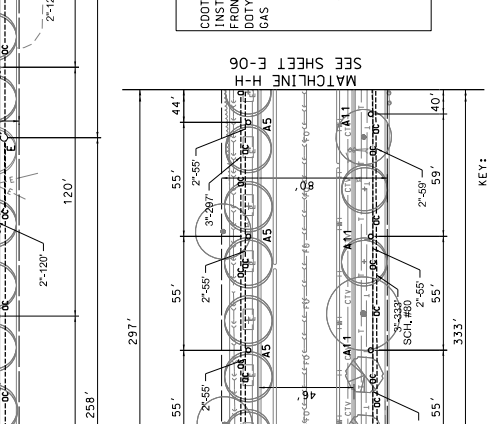
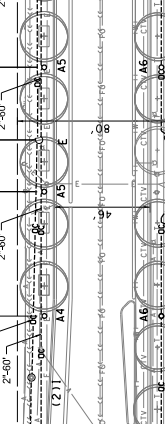
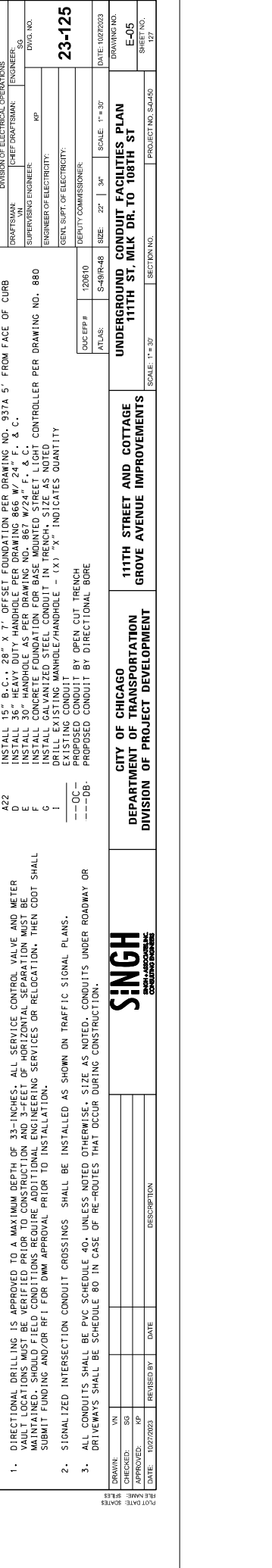
COST ALLOCATION ACCOUNT

APPROPRIATION ACCOUNT

MATERIAL

LABOR

UNDERGROUND CONDUIT FACILITIES PLAN
111TH ST. FROM MLK DR. TO DOTY AVE.
COTTAGE GROVE AVE. FROM
111TH ST. TO 108TH ST.



CDOT REQUEST PEOPLES GAS A WAIVER AND PERMISSION TO INSTALL PROPOSED "A2" FOUNDATION LOCATED WEST FRONTAGE OF S. COTTAGE GROVE AV., LOCATED 20' NWL OF E. 111TH ST., AND 80' NWL OF E. 111TH ST., 2'-3' FROM EDGE OF FOUNDATION TO EDGE OF GAS MAIN.

CDOT REQUEST PEOPLES GAS A WAIVER AND PERMISSION TO INSTALL PROPOSED "A2" FOUNDATIONS LOCATED SOUTH FRONTAGE OF E. 111TH ST., LOCATED 40' NWL OF S. DOTY AVE., 0.94' FROM EDGE OF FOUNDATION TO EDGE OF GAS MAIN.

CDOT REQUEST PEOPLES GAS A WAIVER AND PERMISSION TO INSTALL PROPOSED "A1" FOUNDATION LOCATED NORTH FRONTAGE OF E. 111TH ST., LOCATED 22' FEEL OF VERNON ST., 1.5' FROM EDGE OF FOUNDATION TO EDGE OF GAS MAIN.

CDOT REQUEST PEOPLES GAS A WAIVER AND PERMISSION TO INSTALL PROPOSED "A20" FOUNDATION LOCATED NORTH FRONTAGE OF E. 111TH ST., LOCATED 22' FEEL OF VERNON ST., 0.6' FROM EDGE OF FOUNDATION TO EDGE OF GAS MAIN.

CDOT REQUEST PEOPLES GAS A WAIVER AND PERMISSION TO INSTALL PROPOSED "A1" FOUNDATION LOCATED NORTH FRONTAGE OF E. 111TH ST., LOCATED 22' FEEL OF VERNON ST., 1.5' FROM EDGE OF FOUNDATION TO EDGE OF GAS MAIN.

CDOT REQUEST PEOPLES GAS A WAIVER AND PERMISSION TO INSTALL PROPOSED "A1" FOUNDATION LOCATED NORTH FRONTAGE OF E. 111TH ST., LOCATED 22' FEEL OF VERNON ST., 1.5' FROM EDGE OF FOUNDATION TO EDGE OF GAS MAIN.

CDOT REQUEST PEOPLES GAS A WAIVER AND PERMISSION TO INSTALL PROPOSED "A1" FOUNDATION LOCATED NORTH FRONTAGE OF E. 111TH ST., LOCATED 22' FEEL OF VERNON ST., 1.5' FROM EDGE OF FOUNDATION TO EDGE OF GAS MAIN.

DIRECTIONAL DRILLING IS APPROVED TO A MAXIMUM DEPTH OF 33-INCHES. ALL SERVICE CONTROL VALVE AND METER LOCATIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION AND ALL CONDUITS SHALL BE PROTECTED BY A 12-INCH RIGID MAINTAINED. SHOULD FIELD CONDITIONS REQUIRE ADDITIONAL ENGINEERING SERVICES OR RELOCATION, THEN CDOT SHALL SUBMIT FUNDING AND/OR RFI FOR DMM APPROVAL PRIOR TO INSTALLATION.

SIGNALIZED INTERSECTION CONDUIT CROSSINGS SHALL BE INSTALLED AS SHOWN ON TRAFFIC SIGNAL PLANS.

ALL CONDUITS SHALL BE PVC SCHEDULE 40, UNLESS NOTED OTHERWISE. SIZE AS NOTED. CONDUITS UNDER ROADWAY OR DRIVEWAYS SHALL BE SCHEDULE 80 IN CASE OF RE-ROUTES THAT OCCUR DURING CONSTRUCTION.

EXISTING CONDUIT BY OPEN CUT TRENCH PROPOSED CONDUIT BY DIRECTIONAL BORE

--OC--

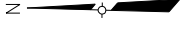
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KEY:

- A1 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 2' FROM FACE OF CURB
- A2 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 3' FROM FACE OF CURB
- A3 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 4' FROM FACE OF CURB
- A4 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 4.5' FROM FACE OF CURB
- A5 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 5' FROM FACE OF CURB
- A6 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 5.5' FROM FACE OF CURB
- A7 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 6' FROM FACE OF CURB
- A8 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 6.5' FROM FACE OF CURB
- A9 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 7' FROM FACE OF CURB
- A10 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 7.5' FROM FACE OF CURB
- A11 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 8' FROM FACE OF CURB
- A12 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 8.5' FROM FACE OF CURB
- A13 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 9' FROM FACE OF CURB
- A14 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 10.5' FROM FACE OF CURB
- A15 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 11' FROM FACE OF CURB
- A16 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 11.5' FROM FACE OF CURB
- A17 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 12' FROM FACE OF CURB
- A18 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 12.5' FROM FACE OF CURB
- A19 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 13' FROM FACE OF CURB
- A20 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 953 14' FROM FACE OF CURB
- A21 INSTALL 15" B.C. 28" X 7' CONCRETE FOUNDATION PER DRAWING NO. 937A 5' FROM FACE OF CURB
- A22 INSTALL 15" B.C. 28" X 7' OFFSET FOUNDATION PER DRAWING NO. 937A 5' FROM FACE OF CURB
- AZ1 INSTALL 36" HEAVY DUTY HANDHOLE PER DRAWING 866 W. 24" F. & C.
- D INSTALL CONDUIT UNDER ROADWAY OR DRIVEWAY MAINTAINED STREET LIGHT
- F INSTALL GALVANIZED STEEL CONDUIT IN TRENCH. SIZE AS NOTED
- G DRILL EXISTING MANHOLE/HANDHOLE - (X) "X" INDICATES QUANTITY EXISTING CONDUIT

NOTES:

- DIRECTIONAL DRILLING IS APPROVED TO A MAXIMUM DEPTH OF 33-INCHES. ALL SERVICE CONTROL VALVE AND METER LOCATIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION AND ALL CONDUITS SHALL BE PROTECTED BY A 12-INCH RIGID MAINTAINED. SHOULD FIELD CONDITIONS REQUIRE ADDITIONAL ENGINEERING SERVICES OR RELOCATION, THEN CDOT SHALL SUBMIT FUNDING AND/OR RFI FOR DMM APPROVAL PRIOR TO INSTALLATION.
- SIGNALIZED INTERSECTION CONDUIT CROSSINGS SHALL BE INSTALLED AS SHOWN ON TRAFFIC SIGNAL PLANS.
- ALL CONDUITS SHALL BE PVC SCHEDULE 40, UNLESS NOTED OTHERWISE. SIZE AS NOTED. CONDUITS UNDER ROADWAY OR DRIVEWAYS SHALL BE SCHEDULE 80 IN CASE OF RE-ROUTES THAT OCCUR DURING CONSTRUCTION.



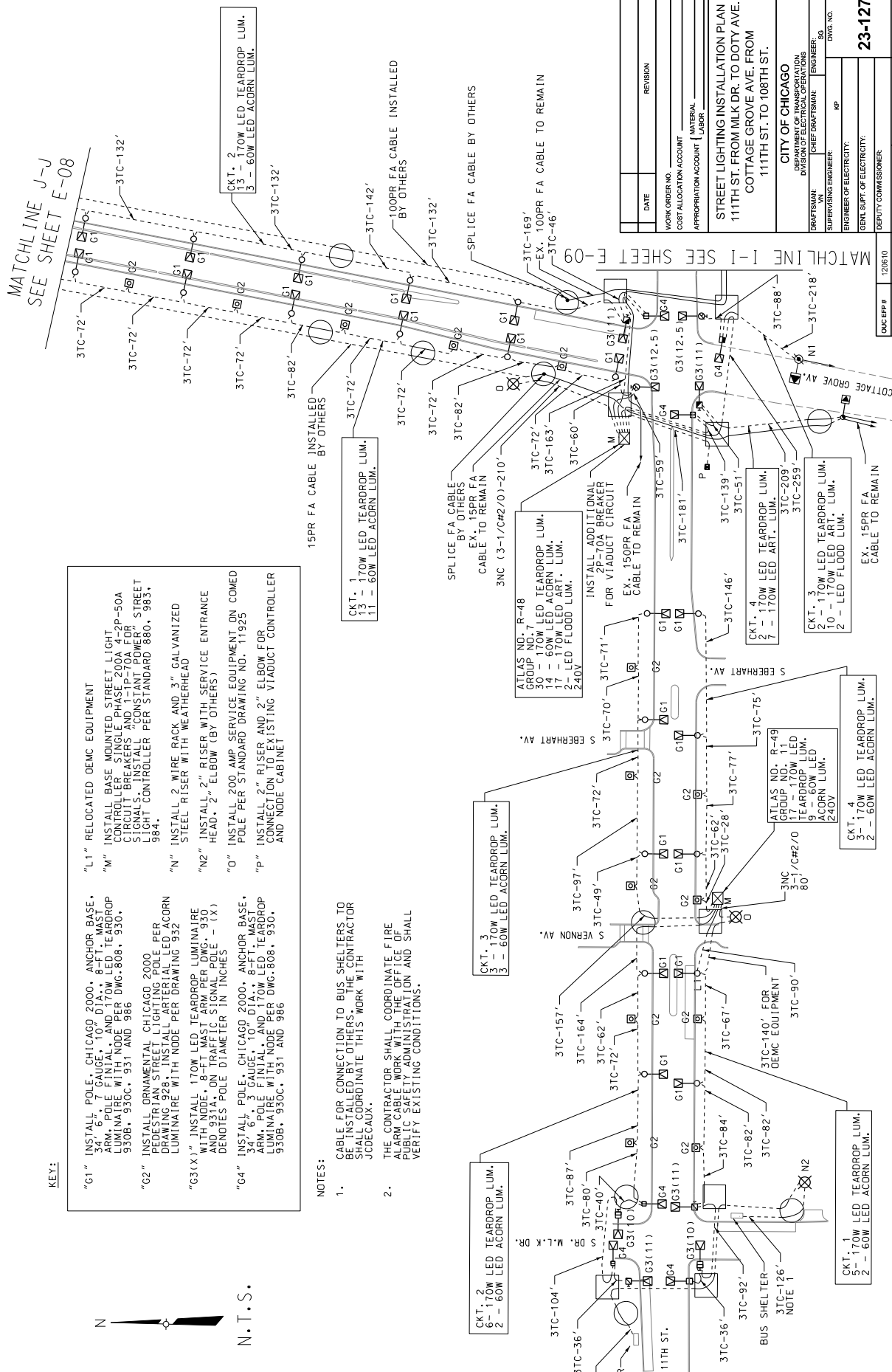
KEY:

- "G1" INSTALL POLE, CHICAGO 2000, ANCHOR BASE, 34', 6", 7 GAUGE, 10" DIA., 8-FT. MAST ARM, POLE FINAL, AND 170W LED TEARDROP LUM. NAILED WITH NODE PER DWG-808, 930, 930B, 930C, 931 AND 986
- "G2" INSTALL ORNAMENTAL CHICAGO 2000 PEDESTRIAN STREET LIGHTING POLE PER DRAWING 928. INSTALL PERIAL LED ACORN LUMINAIRE WITH NODE PER DRAWING 932
- "G3(X)" INSTALL 170W LED TEARDROP LUMINAIRE WITH NODE, 8-FT MAST ARM PER DWG. 930 AND 931A. ON TRAFFIC SIGNAL POLE - (X) DENOTES POLE DIAMETER IN INCHES
- "G4" INSTALL POLE, CHICAGO 2000, ANCHOR BASE, 34', 6", 3 GAUGE, 10" DIA., 8-FT. MAST ARM, POLE FINAL, AND 170W LED TEARDROP LUM. NAILED WITH NODE PER DWG-808, 930, 930B, 930C, 931 AND 986

- "L1" RELOCATED OEM EQUIPMENT
- "M" INSTALL BASE MOUNTED STREET LIGHT CIRCUIT BOARD AND HAST 100A FUSE FOR SIGNALS. INSTALL CONSTANT POWER STREET LIGHT CONTROLLER PER STANDARD 880, 983, 984.
- "N" INSTALL 2" WIRE RACK AND 3" GALVANIZED STEEL RISER WITH WEATHERHEAD
- "N2" INSTALL 2" RISER WITH SERVICE ENTRANCE HEAD, 2" ELBOW (BY OTHERS)
- "O" INSTALL 200 AMP SERVICE EQUIPMENT ON COMED POLE PER STANDARD DRAWING NO. 11925
- "P" INSTALL 2" RISER AND 2" ELBOW FOR SIGNALS ON EXISTING VIADUCT CONTROLLER AND NODE CABINET

NOTES:

- CABLE FOR CONNECTION TO BUS SHELTERS TO BE INSTALLED BY OTHERS. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH JCDECAUX.
- THE CONTRACTOR SHALL COORDINATE FIRE ALARM CABLE WORK WITH THE OFFICE OF PUBLIC SAFETY ADMINISTRATION AND SHALL VERIFY EXISTING CONDITIONS.



DATE	REVISION	DESCRIPTION
10/27/2023		
10/27/2023	1	ISSUED FOR PERMITS

DRAWN: VN	CHECKED: SG	APPROVED: KP
DATE: 10/27/2023	PROJECT NO. 54450	SECTION NO. 129

SINGH
CONSULTING ENGINEERS

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT**

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

DWG. NO. 23-127	DATE: 10/27/2023
SCALE: 1"=30'	DRAWING NO. E-07
SHEET NO. 129	PROJECT NO. 54450

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF ELECTRICAL OPERATIONS

DRAWN BY: VN
CHECKED BY: SG
APPROVED BY: KP

ENGINEER OF ELECTRICITY: KP
SUPERVISING ENGINEER: ENGINEER, SE
DEPUTY COMMISSIONER: ENGINEER, SE

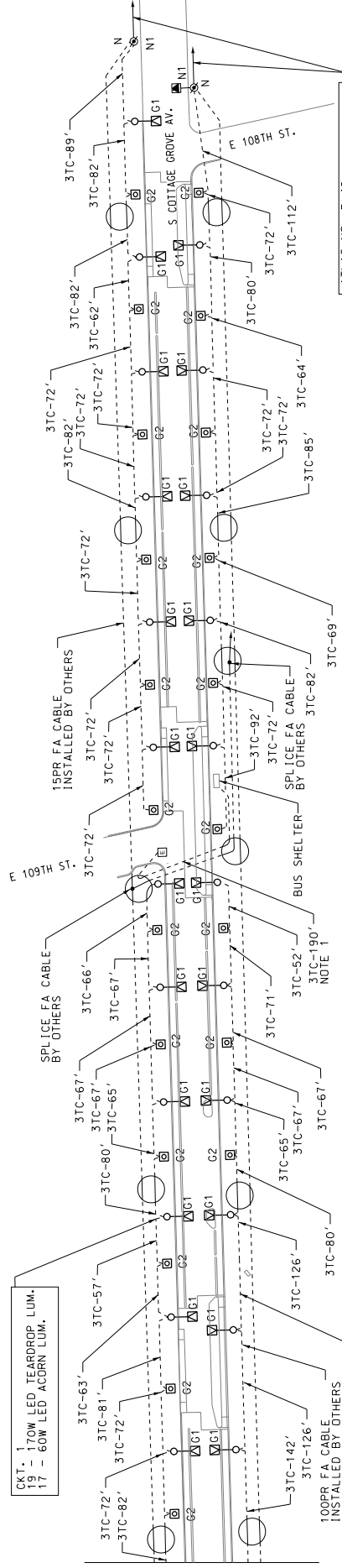
WORK ORDER NO.
COST ALLOCATION ACCOUNT
APPROPRIATION ACCOUNT

MATERIAL
LABOR

STREET LIGHTING INSTALLATION PLAN
111TH ST. FROM MLK DR. TO DOTY AVE.
COTTAGE GROVE AVE. FROM
111TH ST. TO 108TH ST.



N.T.S.



ATLAS NO. R-48
 GROUP NO. 6
 11 - 170W LED TEARDROP LUM.
 12 - 60W LED ACCRN LUM.
 13 - 170W LED ART. LUM.
 240V

- NOTES:
- CABLE FOR CONNECTION TO BUS SHELTERS TO BE INSTALLED BY OTHERS. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH JCDECAUX.
 - THE CONTRACTOR SHALL COORDINATE FIRE ALARM CABINET INSTALLATION AND SHALL VERIFY EXISTING CONDITIONS.

KEY:

- "G1" INSTALL POLE, CHICAGO 2000, ANCHOR BASE, POLE FINAL, AND 170W LED TEARDROP LUMINAIRE WITH NODE PER DWG. 808, 930, 930B, 930C, 931 AND 986
- "G2" INSTALL ORNAMENTAL CHICAGO 2000 PEDESTRIAN STREET LIGHTING POLE PER DRAWING 928, INSTALL ARTERIAL LED ACCRN LUMINAIRE WITH NODE PER DRAWING 932
- "G3(X)" INSTALL 170W LED TEARDROP LUMINAIRE WITH NODE, 8-FT MAST ARM PER DWG. 930 AND 931A, ON TRAFFIC SIGNAL POLE - (X) DENOTES POLE DIAMETER IN INCHES
- "G4" INSTALL POLE, CHICAGO 2000, ANCHOR BASE, POLE FINAL, AND 170W LED TEARDROP LUMINAIRE WITH NODE PER DWG. 808, 930, 930B, 930C, 931 AND 986

SEE SHEET E-07

MATCHLINE

CKT. 1
 19 - 170W LED TEARDROP LUM.
 17 - 60W LED ACCRN LUM.

CKT. 2
 18 - 170W LED TEARDROP LUM.
 9 - 60W LED ACCRN LUM.

DATE	REVISION
WORK ORDER NO.	
COST ALLOCATION ACCOUNT	
APPROPRIATION ACCOUNT	MATERIAL
	LABOR

STREET LIGHTING INSTALLATION PLAN
 111TH ST. FROM MLK DR. TO DOTY AVE.
 COTTAGE GROVE AVE. FROM
 111TH ST. TO 108TH ST.

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ELECTRICAL OPERATIONS

DRAFTSMAN: VN
 SUPERVISING ENGINEER: KP
 ENGINEER OF ELECTRICITY: RP

DWG. NO. 23-128
 GENL. SUPT. OF ELECTRICITY: RP
 DEPUTY COMMISSIONER:

DWG. EPP #	120610
DWG. NO.	R-48
SCALE	NOT TO SCALE
DATE	10/27/2023

STREET LIGHTING
 INSTALLATION PLAN

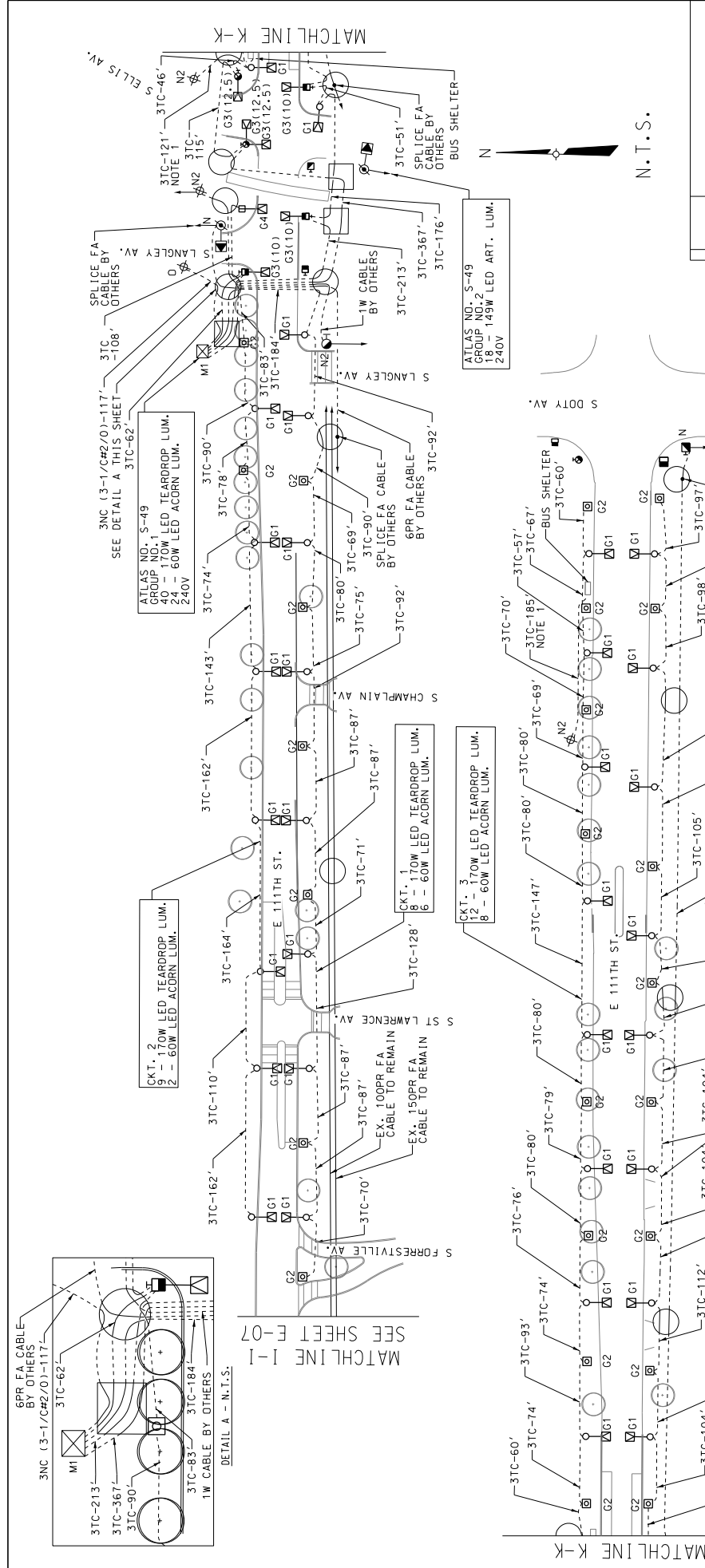
DRAWN: VN	SECTION NO.	PROJECT NO. 5A445
CHECKED: SG	DRAWING NO. E-08	
APPROVED: KP	SHEET NO. 130	
DATE: 10/27/2023	REVISION BY: DATE	

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT



NO.	DATE	DESCRIPTION



3NC (3-1/C#2/O)-117'
SEE DETAIL A THIS SHEET
3TC-62

ATLAS NO. S-49
GROUP NO. 1
40 - 170W LED TEARDROP LUM.
24 - 60W LED ACORN LUM.
240V

3NC (3-1/C#2/O)-117'
SEE DETAIL A THIS SHEET
3TC-62

ATLAS NO. S-49
GROUP NO. 1
40 - 170W LED TEARDROP LUM.
24 - 60W LED ACORN LUM.
240V

3NC (3-1/C#2/O)-117'
SEE DETAIL A THIS SHEET
3TC-62

ATLAS NO. S-49
GROUP NO. 1
40 - 170W LED TEARDROP LUM.
24 - 60W LED ACORN LUM.
240V

3NC (3-1/C#2/O)-117'
SEE DETAIL A THIS SHEET
3TC-62

N.T.S.

DATE	REVISION		
WORK ORDER NO.	APPROPRIATION ACCOUNT (MATERIAL/LABOR)		
COST ALLOCATION ACCOUNT	MATERIAL		
APPROPRIATION ACCOUNT	LABOR		

STREET LIGHTING INSTALLATION PLAN
111TH ST. FROM MLK DR. TO DOTY AVE.
COTTAGE GROVE AVE. FROM
111TH ST. TO 108TH ST.

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ELECTRICAL OPERATIONS
 DRAFTSMAN: _____ ENGINEER: _____
 SUPERVISING ENGINEER: _____
 ENGINEER OF ELECTRICITY: _____
 DEPUTY COMMISSIONER: _____

23-129

DATE: 10/27/2023
 SCALE: NOT TO SCALE
 DRAWING NO.: E-09
 SHEET NO.: 131

PROJECT NO. 54450
 SECTION NO.

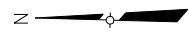
NOTES:

1. CABLE FOR CONNECTION TO BUS SHELTERS TO BE INSTALLED BY OTHERS. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH JUDGECAUX.
2. THE CONTRACTOR SHALL COORDINATE FIRE ALARM CABLE WORK WITH THE OFFICE SUPERVISING ENGINEER AND SHALL VERIFY EXISTING CONDITIONS.

KEY:

- "G1" INSTALL POLE, CHICAGO 2000, ANCHOR BASE, 110' PULL ARM, 8' WAST ARM, POLE FINAL, AND 170W LED TEARDROP LUMINAIRE WITH NODE PER DWG. 808, 930, 930B, 930C, 931 AND 986
- "G2" INSTALL ORNAMENTAL CHICAGO 2000 PEDESTRIAN STREET LIGHTING POLE PER DRAWING WITH NODE PER DRAWING 932
- "G3(X)" INSTALL 170W LED TEARDROP LUMINAIRE WITH NODE, 8-FT WAST ARM PER DWG. 930 AND 931A, ON TRAFFIC SIGNAL POLE - (X) DENOTES POLE DIAMETER IN INCHES
- "L1" RELOCATED OEMC EQUIPMENT
- "M1" INSTALL BASE MOUNTED STREET LIGHT CONTROLLER, SINGLE PHASE 200A 4-P-50A CIRCUIT BREAKERS; INSTALL CONSTANT POWER CIRCUIT LIGHT CONTROLLER PER STANDARD 880, 983, 984.
- "G4" INSTALL POLE, CHICAGO 2000, ANCHOR BASE, 110' PULL ARM, 8' WAST ARM, POLE FINAL, AND 170W LED TEARDROP LUMINAIRE WITH NODE PER DWG. 808, 930, 930B, 930C, 931 AND 986
- "N" INSTALL 2" WIRE RACK AND 3" GALVANIZED STEEL RISER WITH WEATHERHEAD
- "N1" INSTALL 2" WIRE RACK AND 2" GALVANIZED STEEL RISER WITH WEATHERHEAD
- "N2" INSTALL 2" RISER WITH SERVICE ENTRANCE HEAD, 2" ELBOW (BY OTHERS)
- "O" INSTALL 200 AMP SERVICE EQUIPMENT ON COMED POLE PER STANDARD DRAWING NO. 11925
- "P" INSTALL 2" RISER AND 2" ELBOW FOR CONNECTION TO EXISTING VIADUCT CONTROLLER AND NODE CABINET

MATCHLINE M-M
SEE SHEET E-11



N. T. S.

KEY:

- R1- REMOVE EMBEDDED POLE, MAST ARM, LUMINAIRE, NODE AND MAST / ARM LUMINAIRE AND NODE
- R2- REMOVE ANCHOR BASE POLE, MAST ARM, LUMINAIRE AND NODE, BREAKDOWN FOUNDATION
- R3- REMOVE EXISTING STREET LIGHTING CONTROLLER AND REPELAL BREAKDOWN CONCRETE FOUNDATION
- R4- REMOVE EXISTING POLE MOUNTED STREET LIGHTING CONTROLLER
- R5- REMOVE POLE MOUNTED SERVICE EQUIPMENT

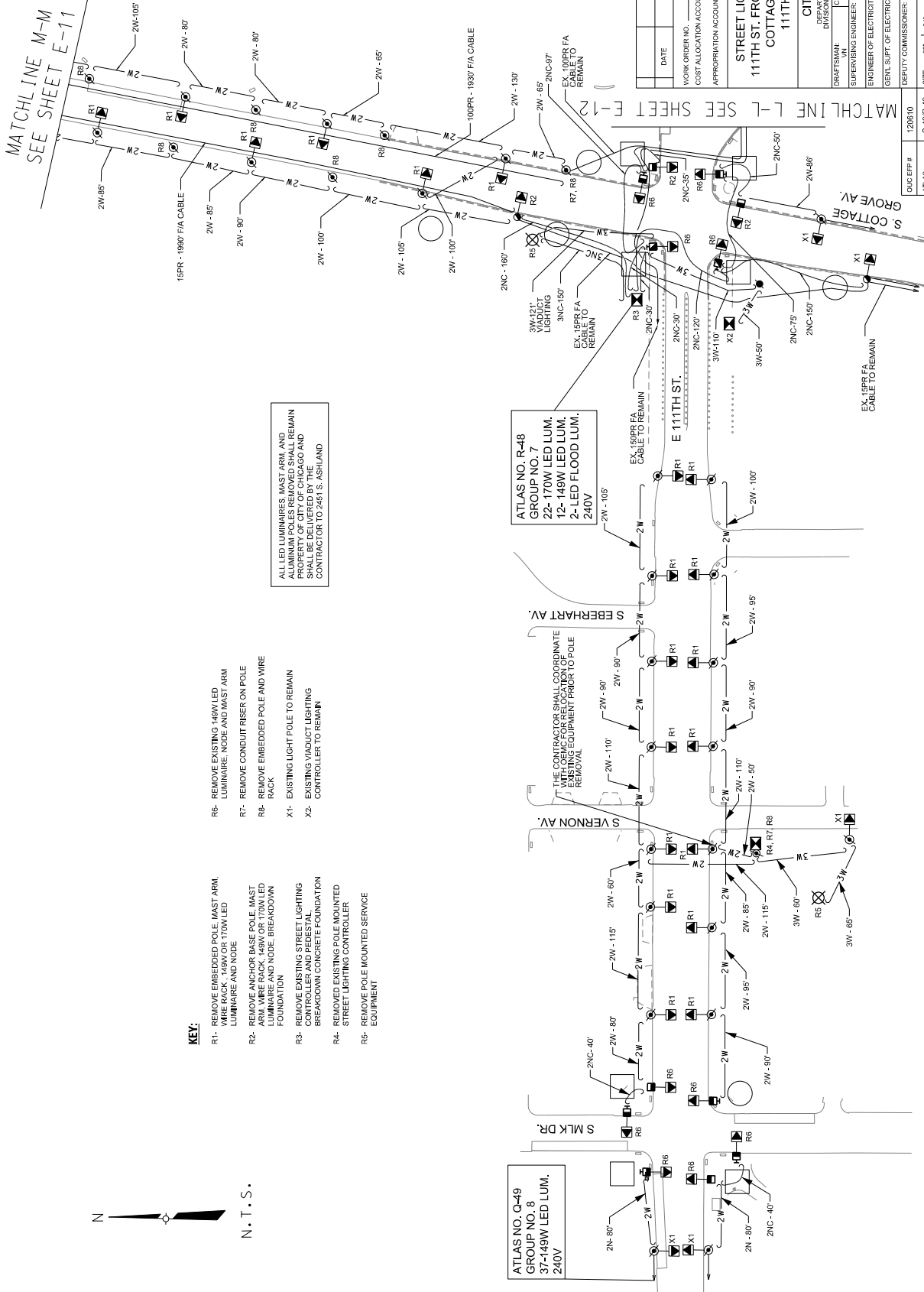
- R6- REMOVE EXISTING 149W LED LUMINAIRE, NODE AND MAST / ARM
- R7- REMOVE CONDUIT RISER ON POLE
- R8- REMOVE EMBEDDED POLE AND WIRE RACK
- X1- EXISTING LIGHT POLE TO REMAIN
- X2- EXISTING VIADUCT LIGHTING CONTROLLER TO REMAIN

ALL LED LUMINAIRES, MAST ARM AND ALUMINUM POLES REMOVED SHALL REMAIN PROPERTY OF CITY OF CHICAGO AND CONTRACTOR TO 2481 S. ASHLAND

ATLAS NO. O-49
GROUP NO. 8
37-149W LED LUM.
240V

ATLAS NO. R-48
GROUP NO. 7
22- 170W LED LUM.
12- 149W LED LUM.
2- LED FLOOD LUM.
240V

THE CONTRACTOR SHALL COORDINATE WITH OEM FOR RELOCATION OF EXISTING EQUIPMENT PRIOR TO POLE REMOVAL

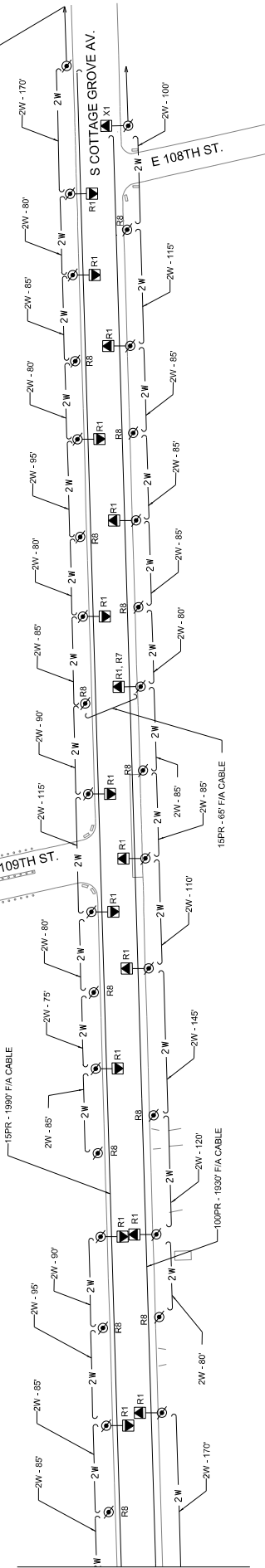


DRAWN: VN	CHECKED: SG	APPROVED: KP	DATE: 10/27/2023	REVISION
DATE: 10/27/2023	REVISION	DATE: 10/27/2023	REVISION	DATE: 10/27/2023
DESCRIPTION				PROJECT NO. 54449
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT				SECTION NO.
SINGH CONSULTING ENGINEERS				SCALE: N.T.S.
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS				SCALE: 2" = 3'
STREET LIGHTING REMOVAL PLAN				DATE: 10/27/2023
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS				DRAWING NO. E-10
DRAFTSMAN: VN SUPERVISING ENGINEER: KP ENGINEER OF ELECTRICITY: KP				SHEET NO. 132
CHIEF DRAFTSMAN: ENGINEER: SG				PROJECT NO. 54449
DEPUTY COMMISSIONER:				PROJECT NO. 54449
GEN'L SUPT. OF ELECTRICITY:				PROJECT NO. 54449
DIV. NO. 23-130				PROJECT NO. 54449



N. T. S.

ATLAS NO. R-48
GROUP NO. 6
28-170W LED LUM.
240V



MATCHLINE M-M
SEE SHEET E-10

KEY:

- R1- REMOVE EXISTING POLE, MAST ARM, WIRE RACK, 165W OR 170W LED LUMINAIRE AND NODE
- R2- REMOVE ANCHOR BASE POLE, MAST ARM, WIRE RACK, 165W OR 170W LED LUMINAIRE AND NODE, BREAKDOWN FOUNDATION
- R3- REMOVE EXISTING STREET LIGHTING CONTROLLER AND PEDESTAL, BREAKDOWN CONCRETE FOUNDATION
- R4- REMOVE EXISTING POLE MOUNTED STREET LIGHTING CONTROLLER
- R5- REMOVE POLE MOUNTED SERVICE EQUIPMENT
- R6- REMOVE EXISTING 165W LED LUMINAIRE, NODE AND MAST ARM
- R7- REMOVE CONDUIT RISER ON POLE RACK
- R8- REMOVE EXISTING POLE AND WIRE RACK
- X1- EXISTING LIGHT POLE TO REMAIN
- X2- EXISTING WADUCT LIGHTING CONTROLLER TO REMAIN

ALL LED LUMINAIRES, MAST ARM, AND WIRE RACKS TO BE DELIVERED BY THE PROPERTY OF CITY OF CHICAGO AND SHALL BE DELIVERED BY THE CONTRACTOR TO 2451 S. ASHLAND

DATE	REVISION
WORK ORDER NO.	
COST ALLOCATION ACCOUNT	
APPROPRIATION ACCOUNT	MATERIAL
	LABOR
STREET LIGHTING REMOVAL PLAN	
111TH ST. FROM MLK DR. TO DOTY AVE.	
COTTAGE GROVE AVE. FROM	
111TH ST. TO 108TH ST.	
CITY OF CHICAGO	
DRAFTSMAN: VN	CHEF DRAFTSMAN: ENGINEER: SG
DIVISION: DIV. OF TRANSPORTATION	DIV. NO.
DIVISION: DIVISION OF ELECTRICAL OPERATIONS	
SUPERVISING ENGINEER: KP	
ENGINEER OF ELECTRICITY:	
GEN'L SUPT. OF ELECTRICITY:	
DEPUTY COMMISSIONER:	
DWG. EPP #	120510
ATLAS:	S-48(R-49)
SIZE:	2" x 3"
SCALE:	NOT TO SCALE
DATE:	10/27/2023
DRAWING NO.:	E-11
SHEET NO.:	133
PROJECT NO. SA4450	
SECTION NO.	



CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

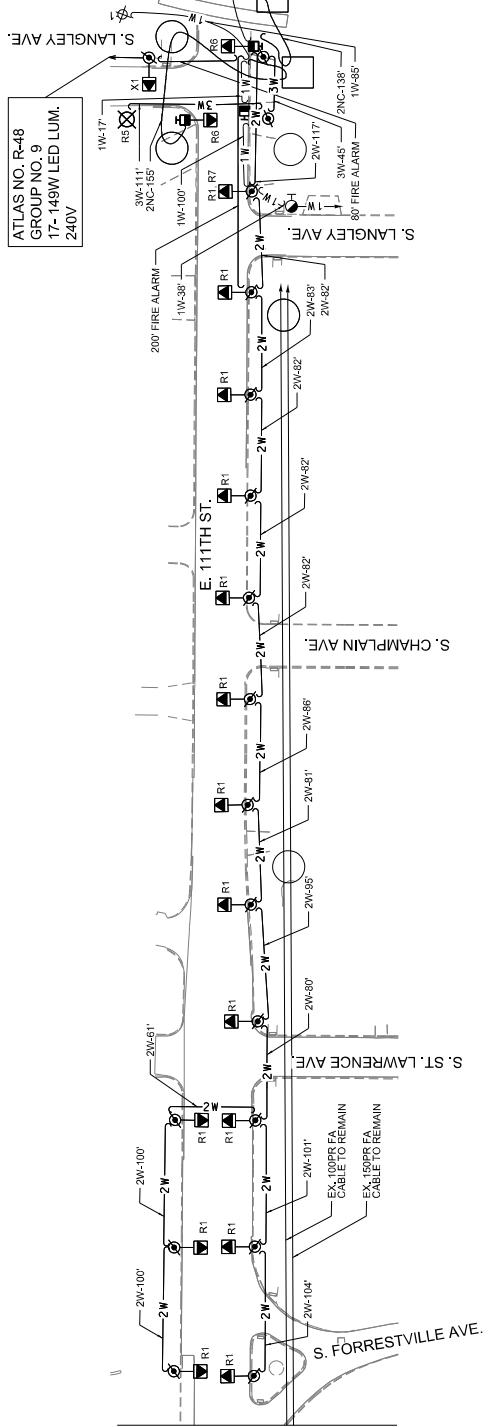
111TH STREET AND COTTAGE
GROVE AVENUE IMPROVEMENTS

STREET LIGHTING
REMOVAL PLAN

DRAWN:	VN	DATE:	
CHECKED:	SG	REVISION:	
APPROVED:	KP	DESCRIPTION:	
DATE:	10/27/2023		

ATLAS NO. R-48
GROUP NO. 9
17'-149W LED LUM.
240V

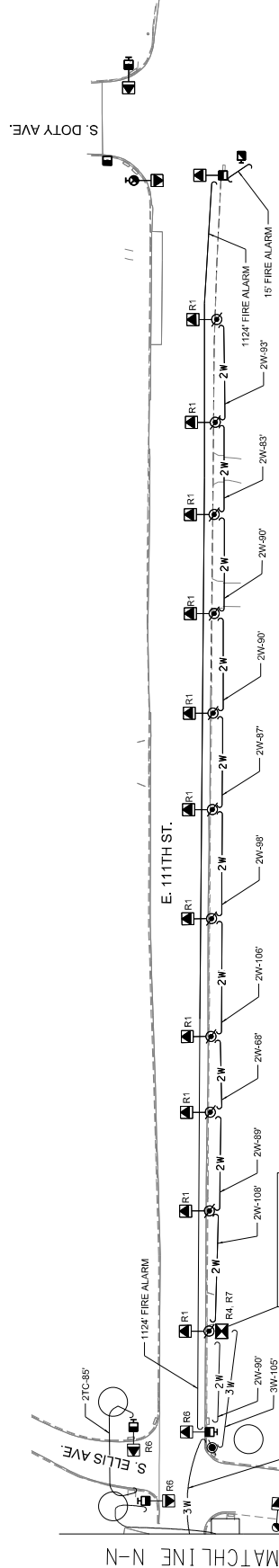
MATCHLINE N-N



MATCHLINE L-L
SEE SHEET E-10

S. DOTY AVE

N.T.S.



ATLAS NO. R-49
GROUP NO. 1
31'-149W LED LUM.
240V

ATLAS NO. R-49
GROUP NO. 2
23'-149W LED LUM.
240V

- KEY:**
- R1- REMOVE EMBEDDED POLE, MAST ARM, WIRE RACK, 149W OR 170W LED LUMINAIRE AND NODE
 - R2- REMOVE ANCHOR BASE POLE, MAST ARM, WIRE RACK, 149W OR 170W LED LUMINAIRE AND NODE BREAKDOWN FOUNDATION
 - R3- REMOVE EXISTING STREET LIGHTING CONTROLLER AND PEDESTAL BREAKDOWN CONCRETE FOUNDATION
 - R4- REMOVED EXISTING POLE MOUNTED STREET LIGHTING CONTROLLER
 - R5- REMOVE POLE MOUNTED SERVICE EQUIPMENT
 - R6- REMOVE EXISTING 149W LED LUMINAIRE, NODE AND MAST ARM
 - R7- REMOVE CONDUIT RISER ON POLE
 - R8- REMOVE EMBEDDED POLE AND WIRE RACK
 - X1- EXISTING LIGHT POLE TO REMAIN
 - X2- EXISTING VIADUCT LIGHTING CONTROLLER TO REMAIN

DATE	REVISION
WORK ORDER NO.	
COST ALLOCATION ACCOUNT	
APPROPRIATION ACCOUNT	MATERIAL LABOR
STREET LIGHTING REMOVAL PLAN 111TH ST. FROM MLK DR. TO DOTY AVE. COTTAGE GROVE AVE. FROM 111TH ST. TO 108TH ST.	
CITY OF CHICAGO	
DRAFTSMAN: VN	DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS
SUPERVISING ENGINEER: KP	ENGINEERS: SG
ENGINEER OF ELECTRICITY:	DIV. NO.
DEPUTY COMMISSIONER:	23-132
DATE: 10/27/2023	SCALE: NOT TO SCALE
DRAWING NO. E-12	
SHEET NO. 134	

ALL LED LUMINAIRES, MAST ARM AND ALUMINUM POLES REMOVED SHALL REMAIN PROPERTY OF CITY OF CHICAGO AND SHALL BE DELIVERED BY THE CONTRACTOR TO 2451 S. ASHLAND

DRAWN: VN	DATE:	SECTION NO.:	PROJECT NO. SAJ449
CHECKED: SG	10/27/2023	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
APPROVED: KP		CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	
DATE:		SCALE:	

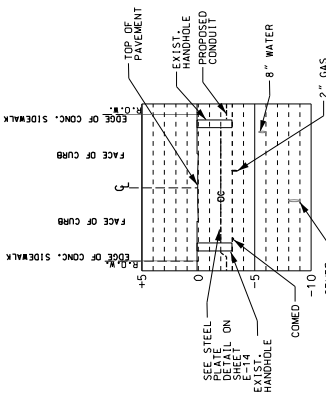


S. DR. MLK JR. DR.

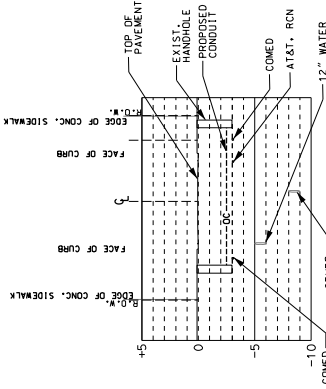
E. 111TH ST.

S. VERNON AVE.

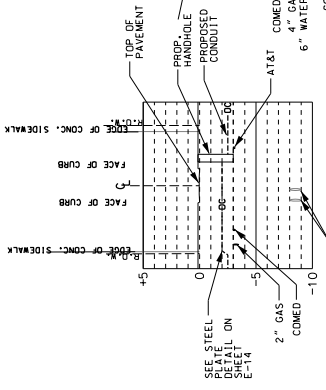
E. 111TH ST.



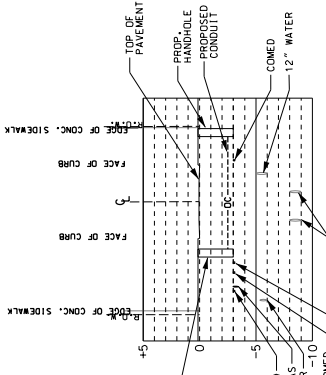
PROPOSED NORTH SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND S. DR. MLK JR. DR.



PROPOSED WEST SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND S. DR. MLK JR. DR.



PROPOSED NORTH SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND S. VERNON AVE.



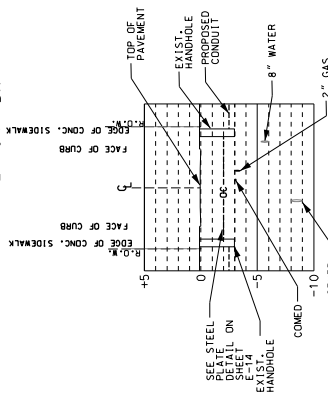
PROPOSED EAST SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND S. VERNON AVE.

S. DR. MLK JR. DR.

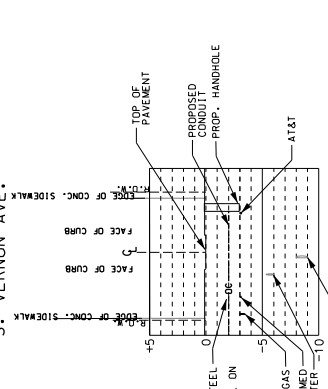
S. VERNON AVE.

E. EBERHART AVE.

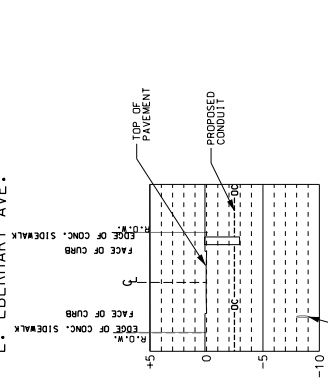
E. EBERHART AVE.



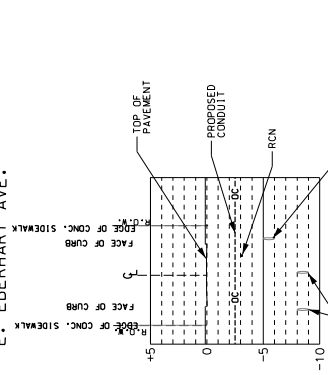
PROPOSED SOUTH SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND S. DR. MLK JR. DR.



PROPOSED SOUTH SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND S. VERNON AVE.



PROPOSED NORTH SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND E. EBERHART AVE.



PROPOSED SOUTH SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND E. EBERHART AVE.

DRAWN:	VN
CHECKED:	SG
APPROVED:	KP
DATE:	10/27/2023

REVISION NO.	
DATE	
DESCRIPTION	

SINGH
CONSULTING ENGINEERS

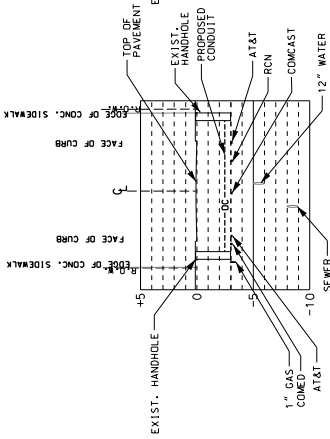
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND COTTAGE
GROVE AVENUE IMPROVEMENTS

PROFILE PLAN VIEWS
111TH STREET - MLK DRIVE TO DOTY AVE.
PROJECT NO. SA4450
SECTION NO.

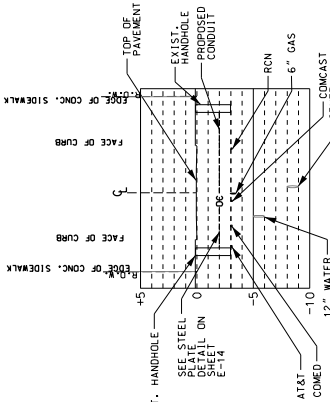
DRAWING NO.
E-13
SHEET NO.
135

S. COTTAGE GROVE AVE.



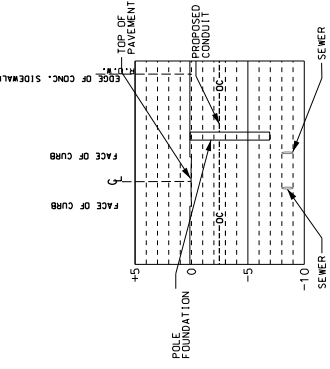
PROPOSED NORTH SIDE CONDUIT PROFILE
AT THE INTERSECTION OF E. 111TH ST
AND S. COTTAGE GROVE AVE.

E. 111TH ST.



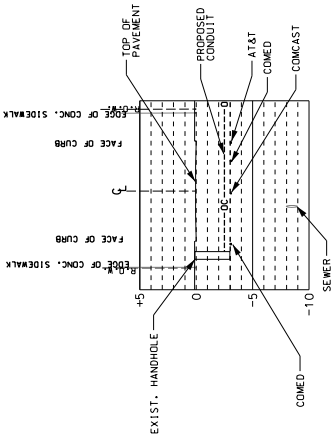
PROPOSED WEST SIDE CONDUIT PROFILE
AT THE INTERSECTION OF E. 111TH ST
AND S. COTTAGE GROVE AVE. (LOOKING
EAST)

S. FORRESTVILLE AVE.



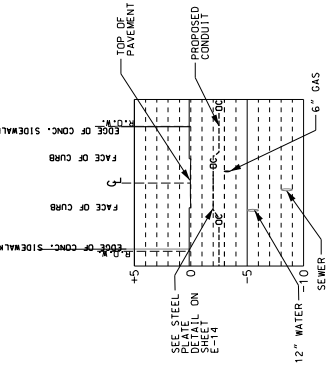
PROPOSED SOUTH SIDE CONDUIT PROFILE
AT THE INTERSECTION OF E. 111TH ST
AND S. FORRESTVILLE AVE.

S. COTTAGE GROVE AVE.



PROPOSED SOUTH SIDE CONDUIT PROFILE
AT THE INTERSECTION OF E. 111TH ST
AND S. COTTAGE GROVE AVE.

S. ST. LAWRENCE AVE.



PROPOSED SOUTH SIDE CONDUIT PROFILE
AT THE INTERSECTION OF E. 111TH ST
AND S. ST. LAWRENCE AVE.

DRAWN:	VN
CHECKED:	SG
APPROVED:	KP
DATE:	10/27/2023

REVISION BY DATE

DESCRIPTION

SINGH
CONSULTING ENGINEERS

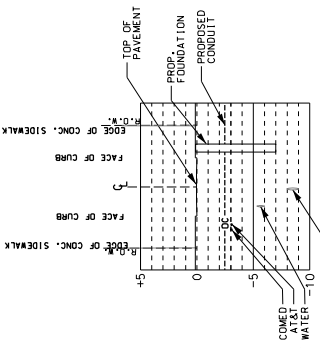
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND COTTAGE
GROVE AVENUE IMPROVEMENTS

PROFILE PLAN VIEWS
111TH STREET - MLK DRIVE TO DOTY AVE.
SECTION NO.
SCALE: 1" = 30'

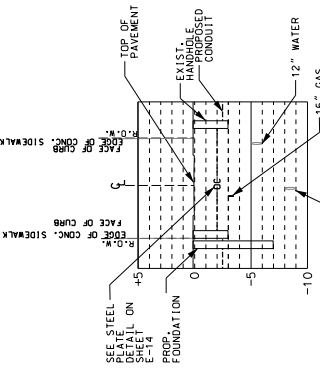
DRAWING NO.
E-14
SHEET NO.
136

S. CHAMPLAIN AVE.



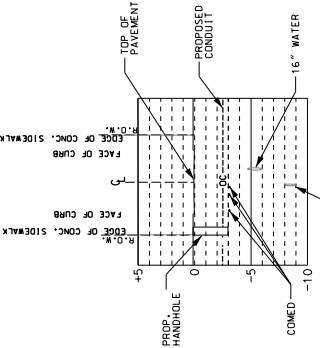
PROPOSED SOUTH SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND S. CHAMPLAIN AVE.

S. LANGLEY AVE.



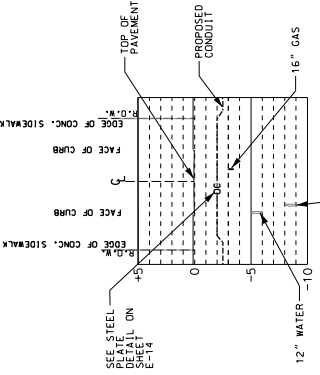
PROPOSED NORTH SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND S. ST. LAWRENCE AVE.

E. 109TH ST.



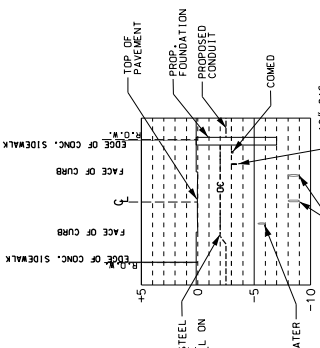
PROPOSED WEST SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 109TH ST AND S. COTTAGE GROVE AVE.

E. 108TH ST.



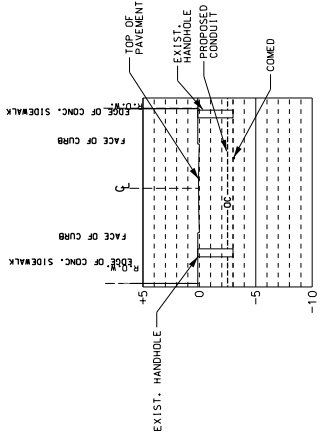
PROPOSED EAST SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 108TH ST AND S. COTTAGE GROVE AVE.

S. LANGLEY AVE.



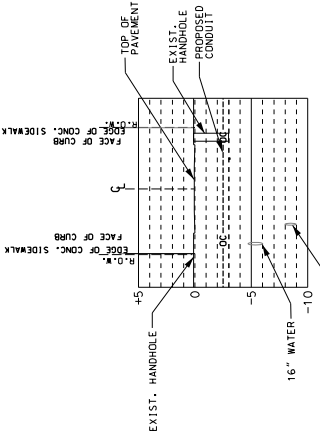
PROPOSED SOUTH SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND S. ST. LAWRENCE AVE.

S. ELLIS AVE.

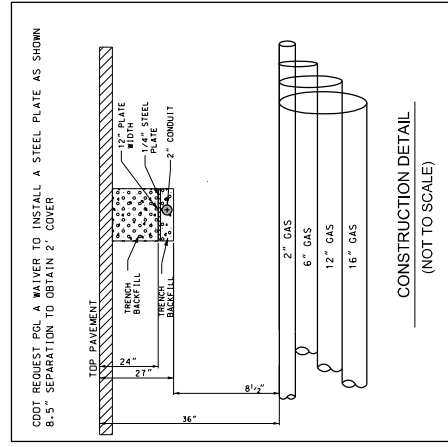


PROPOSED NORTH SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND S. ELLIS AVE.

S. ELLIS AVE.



PROPOSED SOUTH SIDE CONDUIT PROFILE AT THE INTERSECTION OF E. 111TH ST AND S. ELLIS AVE.



CONSTRUCTION DETAIL (NOT TO SCALE)

DRAWN:	VN	DATE:	
CHECKED:	SG	APPROVED:	KP
DATE:	10/27/2023	REVISION BY:	

DESCRIPTION

SINGH
CONSULTING ENGINEERS

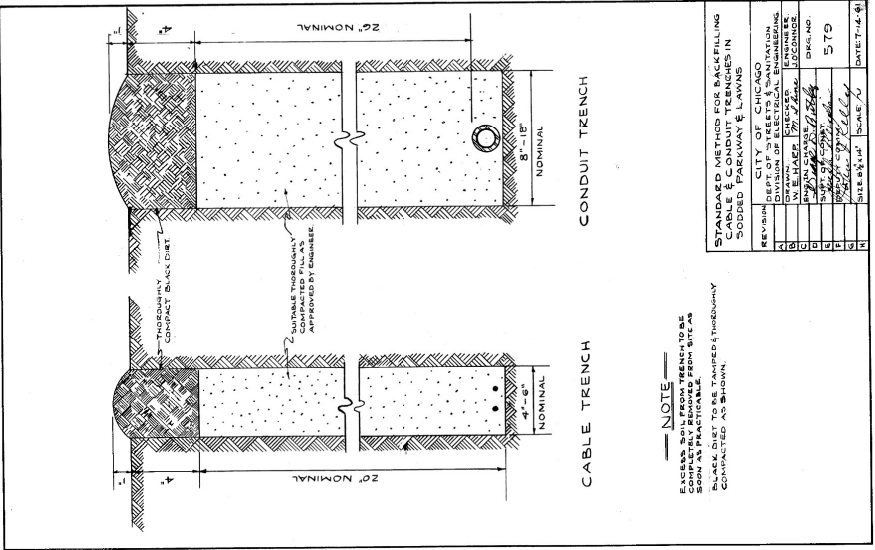
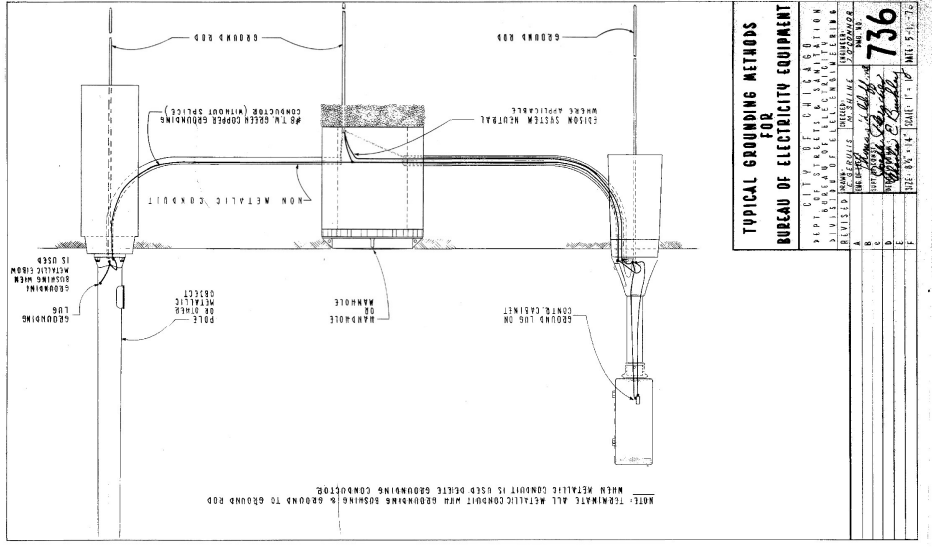
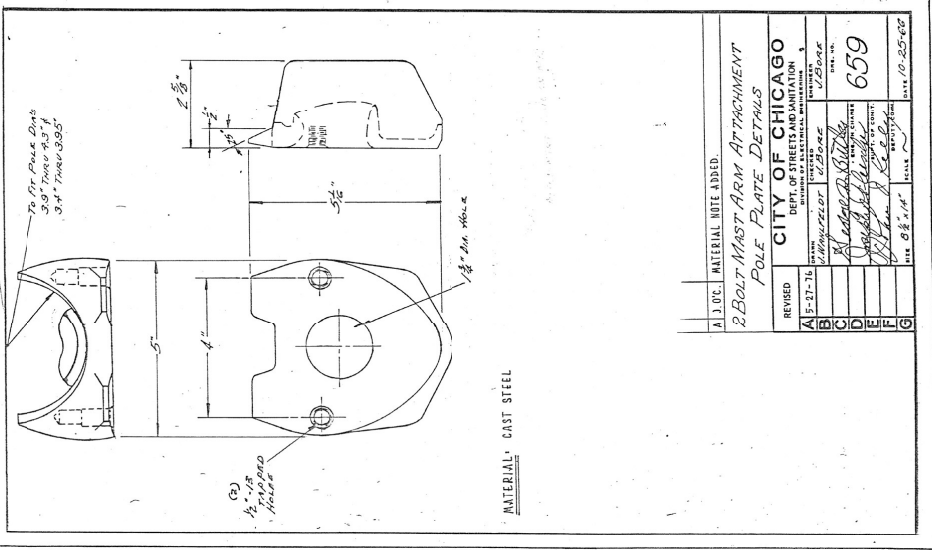
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

PROFILE PLAN VIEWS
111TH STREET - MILK DRIVE TO DOTY AVE.

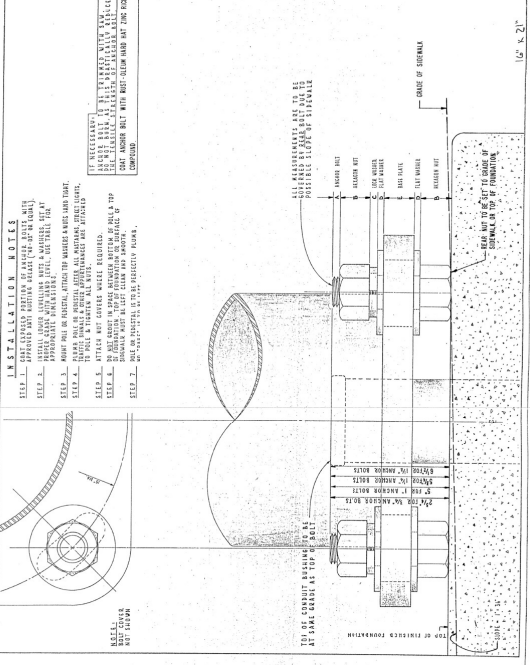
DRAWING NO. E-15
SHEET NO. 137

SECTION NO. PROJECT NO. 5A4450



T A B L E

ANCHOR BOLT SIZE	1"	1 1/4"	1 1/2"	1 3/4"	2"
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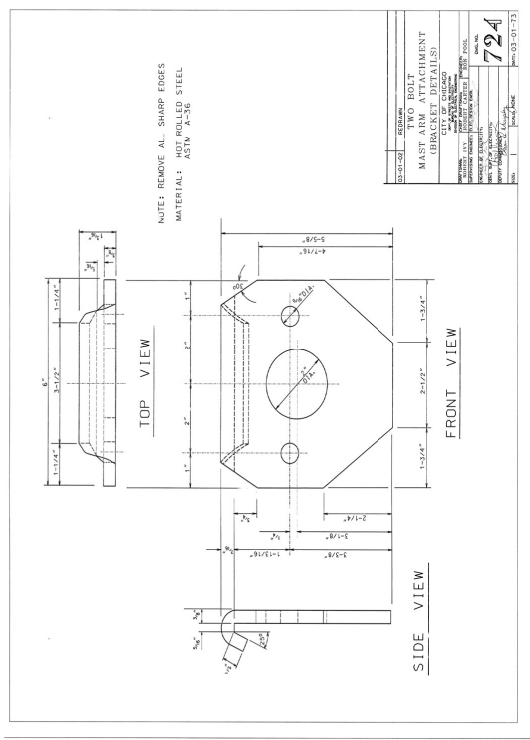


INSTALLATION NOTES

1. BELL - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
2. BELL - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
3. BELL - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
4. BELL - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
5. BELL - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
6. BELL - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
7. BELL - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
8. BELL - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
9. BELL - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
10. BELL - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.

CONSTRUCTION NOTES

1. CONSTRUCTION NOTES - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
2. CONSTRUCTION NOTES - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
3. CONSTRUCTION NOTES - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
4. CONSTRUCTION NOTES - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
5. CONSTRUCTION NOTES - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
6. CONSTRUCTION NOTES - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
7. CONSTRUCTION NOTES - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
8. CONSTRUCTION NOTES - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
9. CONSTRUCTION NOTES - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.
10. CONSTRUCTION NOTES - APPROXIMATELY 1/2" FROM WALL TO CENTER OF BELL.



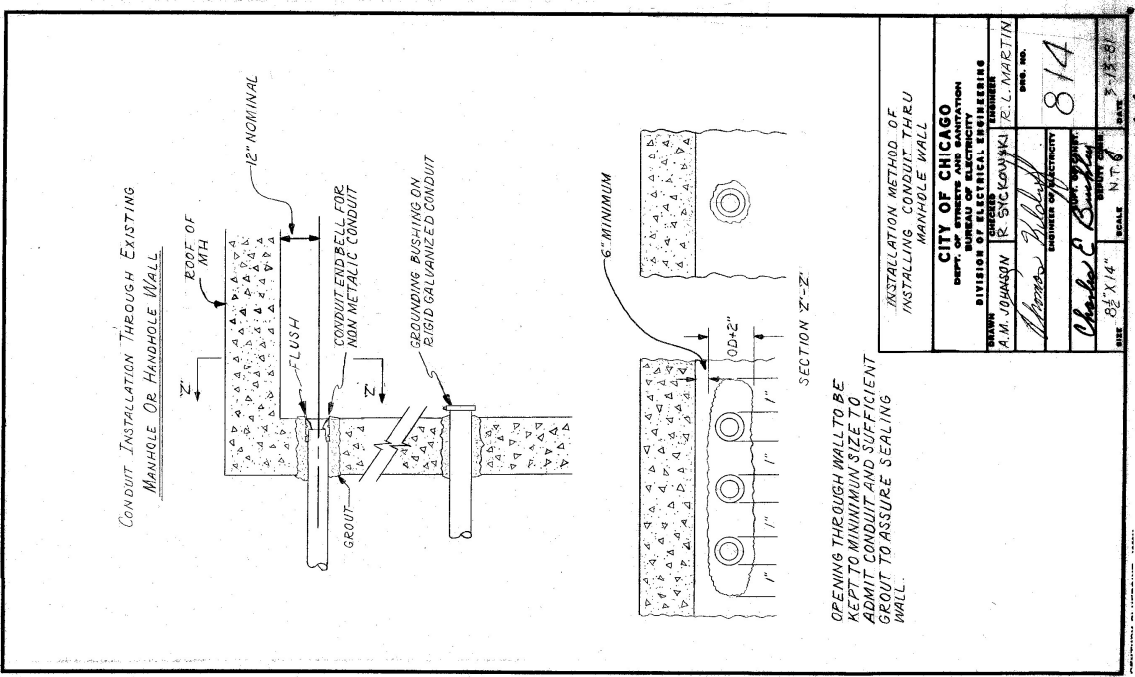
NOTES

1. REMOVE ALL SHARP EDGES
2. MATERIAL - ASTM A36 STEEL

TABLE

NO.	DESCRIPTION	QTY.
1	TWO BOLT MAST ARM ATTACHMENT (SEE DETAIL)	2
2	CONCRETE	1

724



INSTALLATION METHOD OF INSTALLING CONDUIT THRU MANHOLE WALL

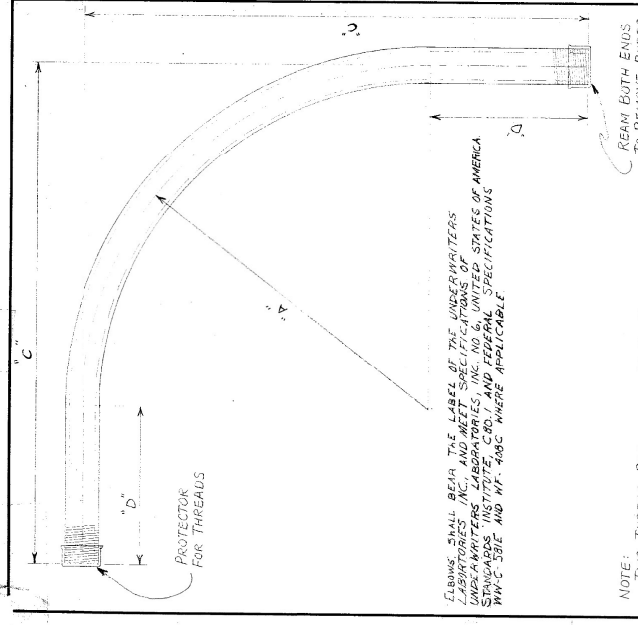
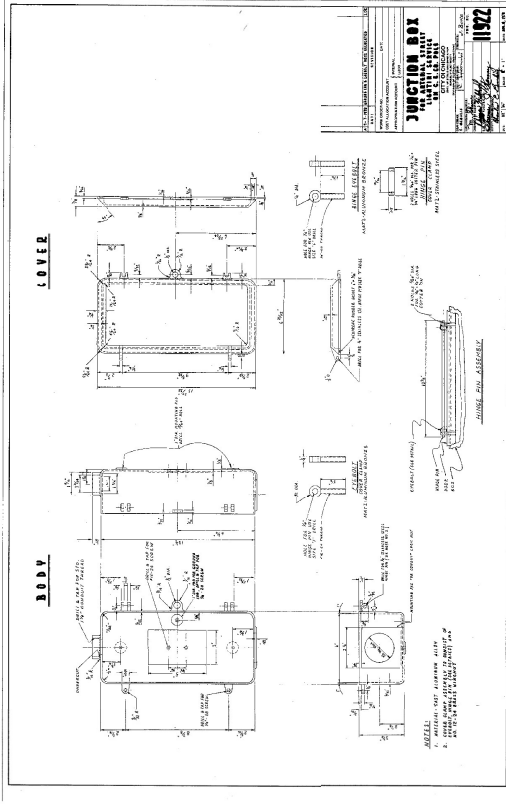
CITY OF CHICAGO
 DEPT. OF STREETS AND SANITATION
 BUREAU OF ELECTRICAL SERVICES
 DRAWN BY: A.M. JOHNSON
 CHECKED BY: R. SYKOWSKI
 ENGINEER: J.L. MARTIN
 DATE: 8-14-83

814

Charles J. Kelly
 ENGINEER
 DATE: 8-14-83

Charles P. Bentley
 ENGINEER
 DATE: 8-14-83

SCALE: 3/4" = 1'-0"



ELBOWS SHALL BEAR THE LABEL OF THE UNDERWRITERS LISTS AND MEET THE SPECIFICATIONS OF UNDERWRITERS LISTS AND FEDERAL SPECIFICATIONS STANDARDS INSTITUTE C.R.D.1 AND FEDERAL SPECIFICATIONS WW-C 581E AND NY-488C WHERE APPLICABLE.

NOTE: TWO THREAD PROTECTORS TO BE FURNISHED ON EACH ELBOW, PROTECTOR TO COVER A MINIMUM OF TEN THREADS.

B SPECIFICATIONS: REVISED

A REVISED DIMENSIONS ON 3/4" CONDUIT

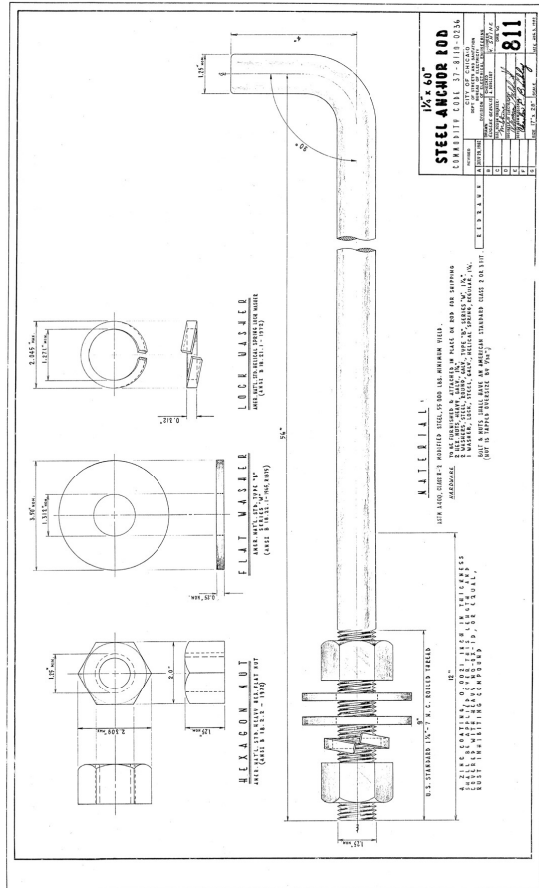
ELBOW CONDUIT RIGID GALVANIZED STEEL, LARGE RADIUS

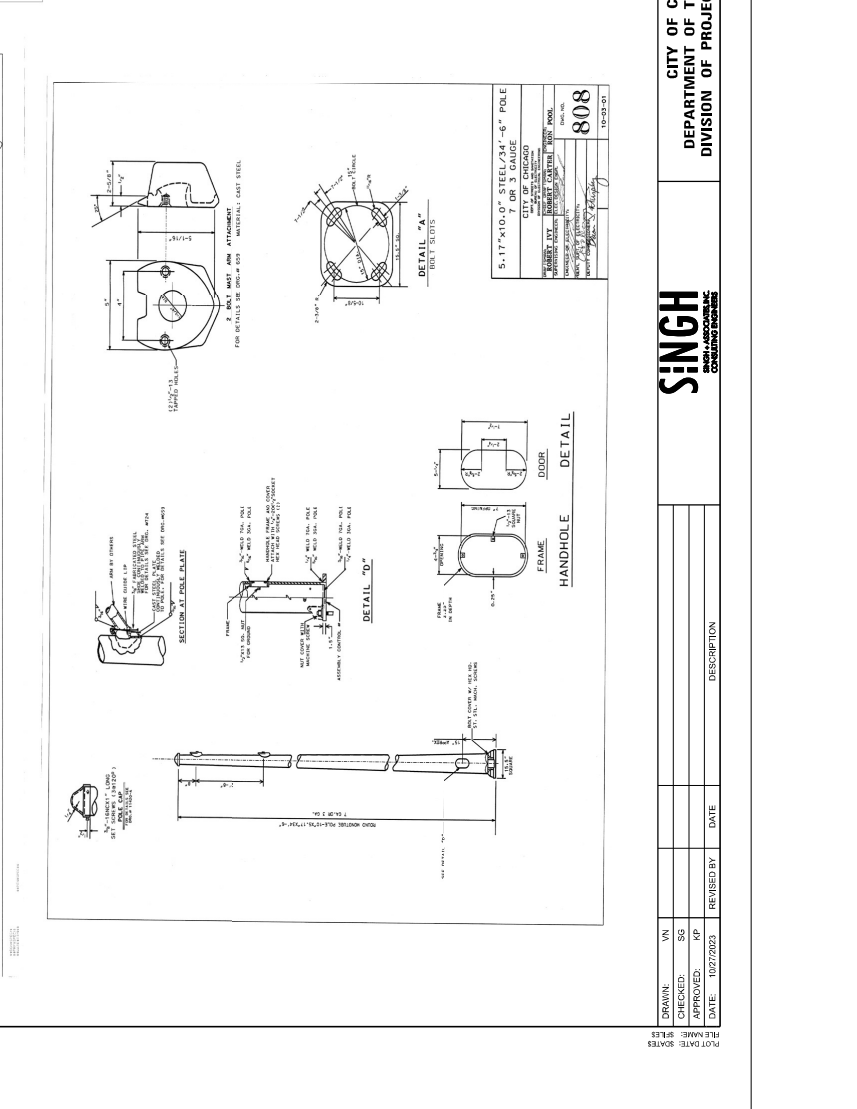
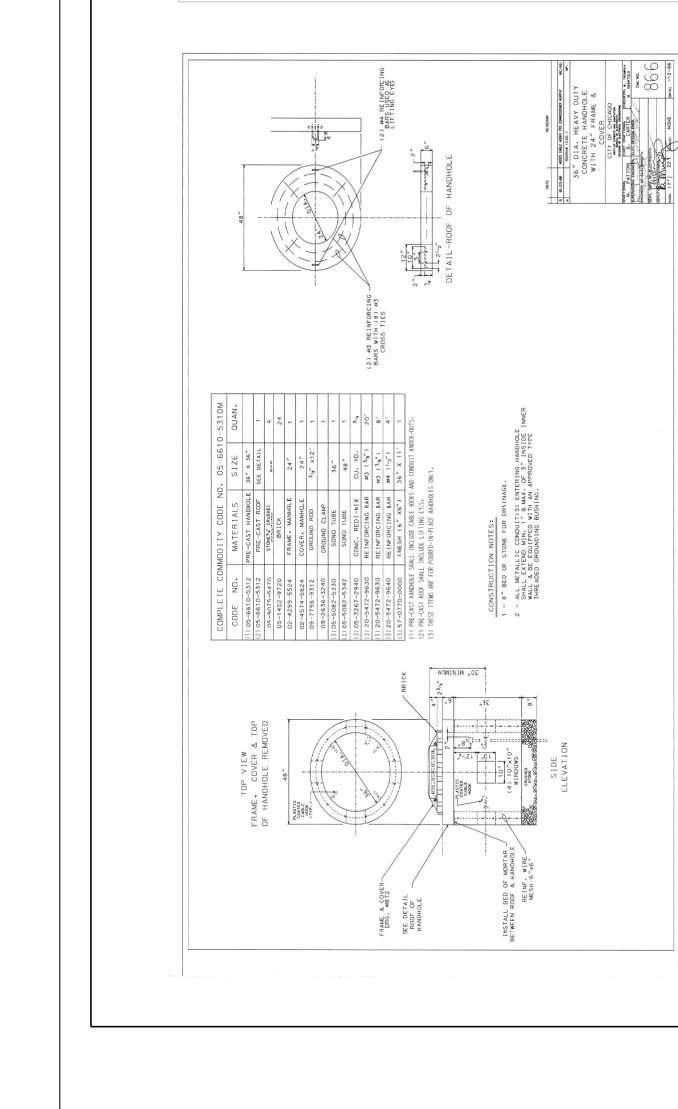
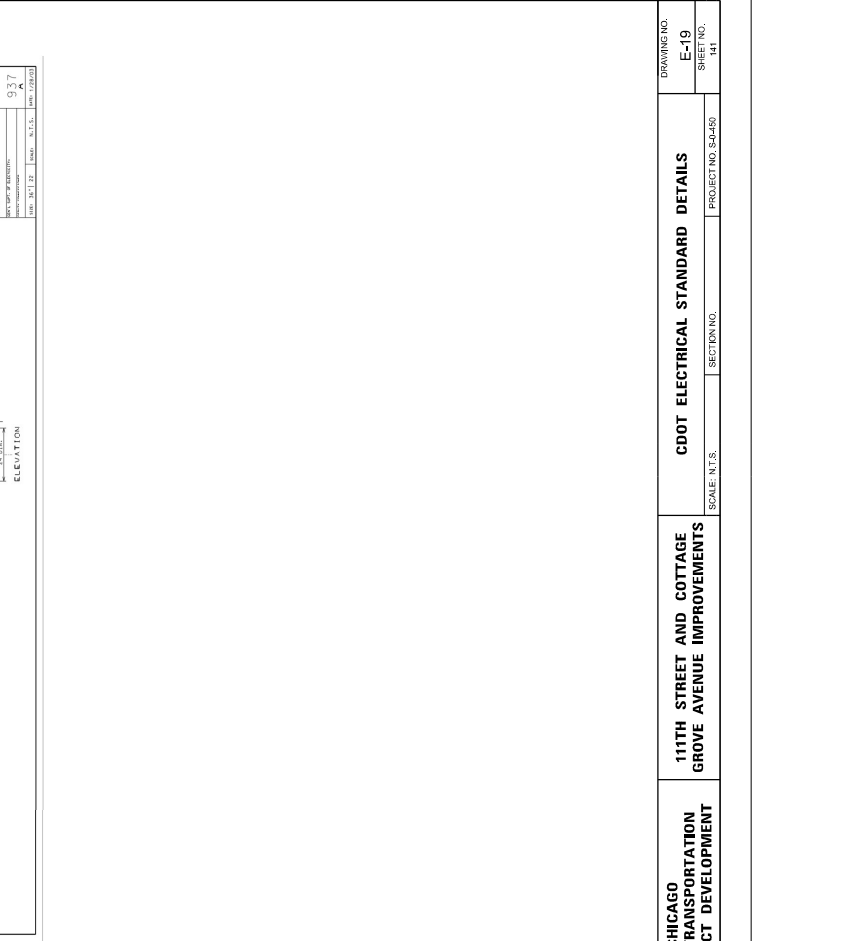
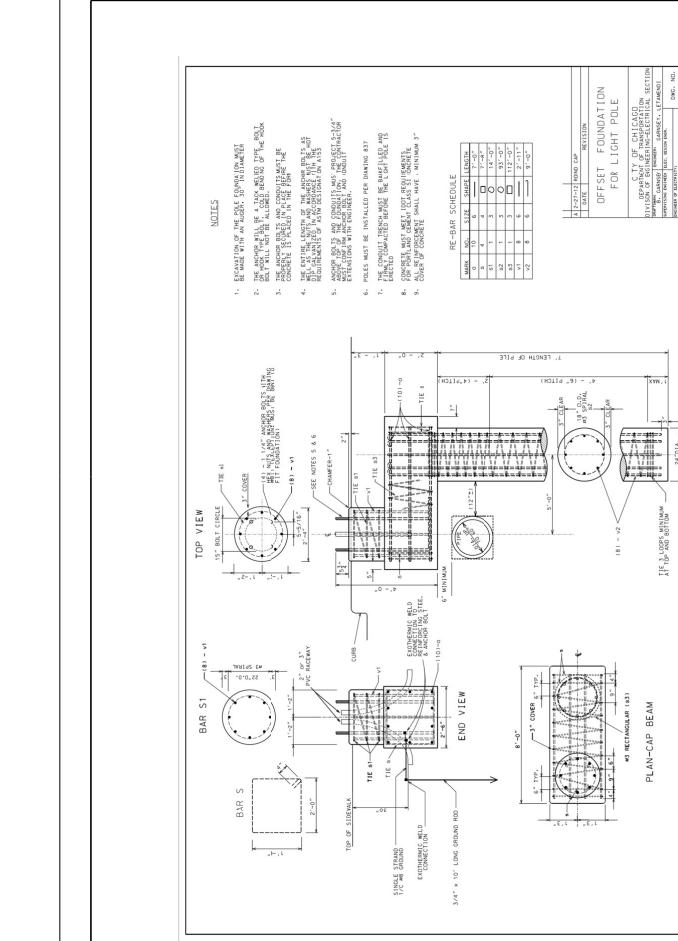
REVISED	CITY OF CHICAGO
A	17-22-71
B	17-22-71
C	17-22-71
D	17-22-71
E	17-22-71
F	17-22-71
G	17-22-71

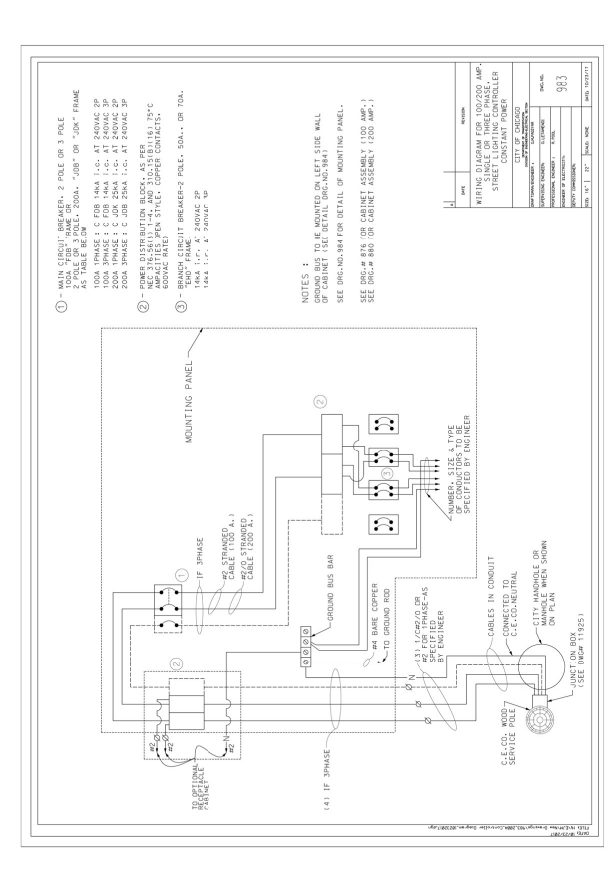
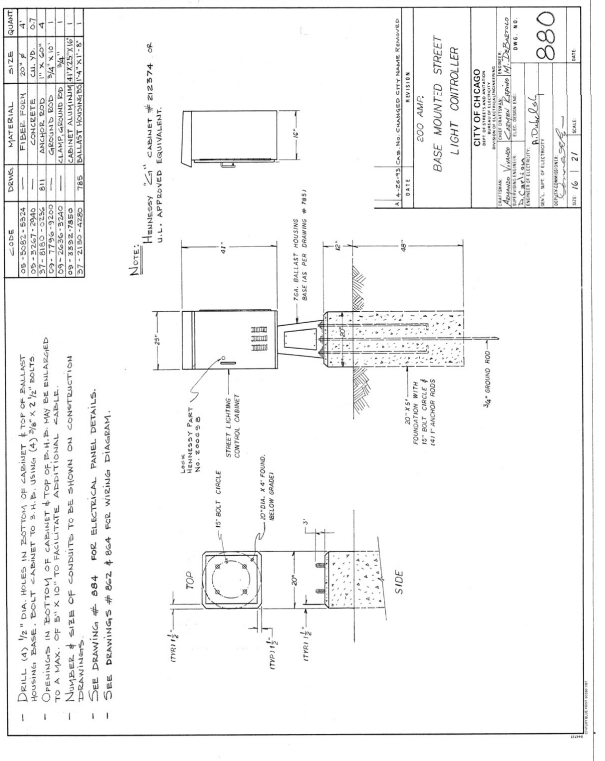
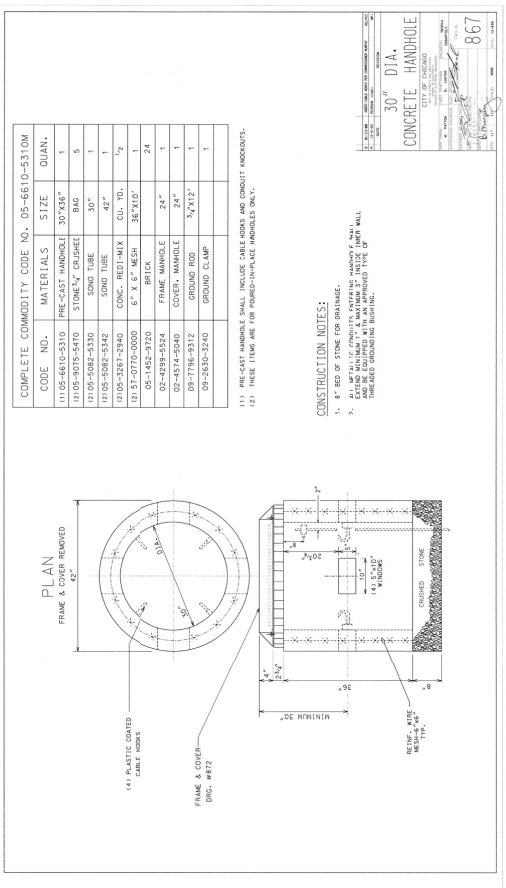
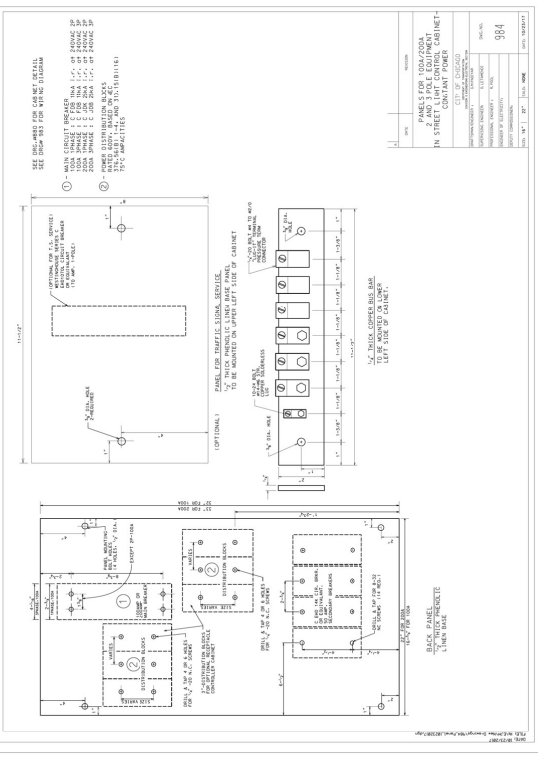
DEPT. OF PUBLIC WORKS
 DIVISION OF ELECTRICAL ENGINEERING
 1825

TABLE OF DIMENSIONS

CONDUIT SIZE	DIMENSIONS	COMMODITY CODE
1 1/4"	24" x 35"	09-4001-0510
1 1/2"	24" x 35"	09-4001-0520
2"	24" x 35"	09-4001-4126
2 1/2"	24" x 35"	09-4001-4128
3"	24" x 35"	09-4001-4230
4"	24" x 35"	09-4001-0001







CDOT ELECTRICAL STANDARD DETAILS

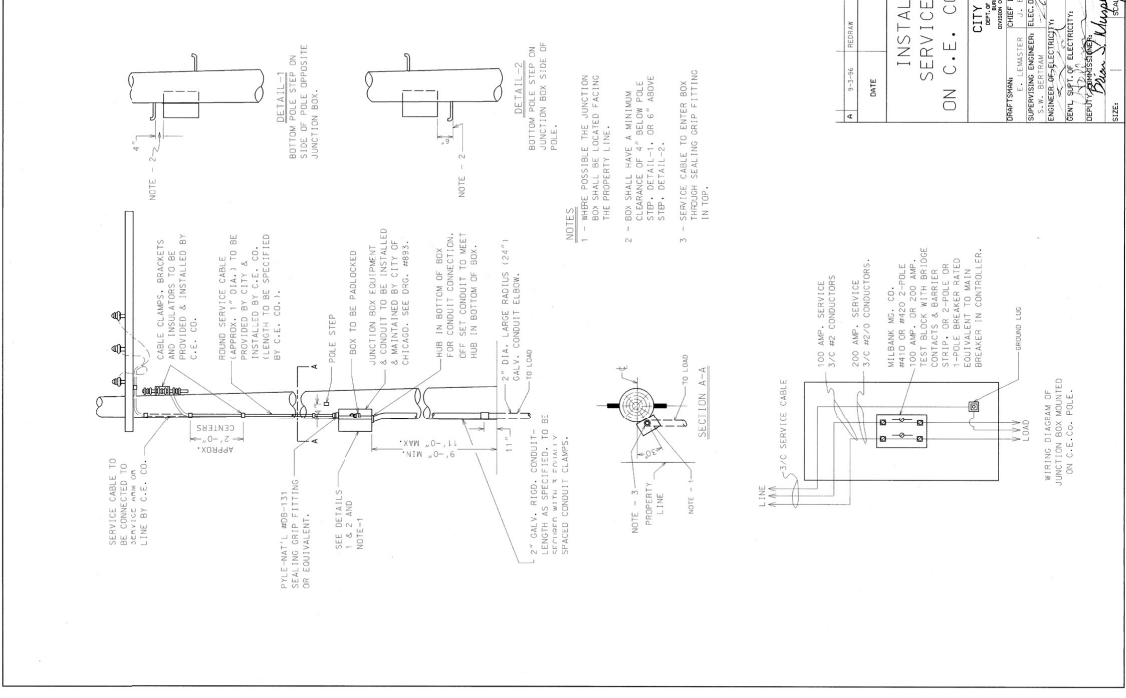
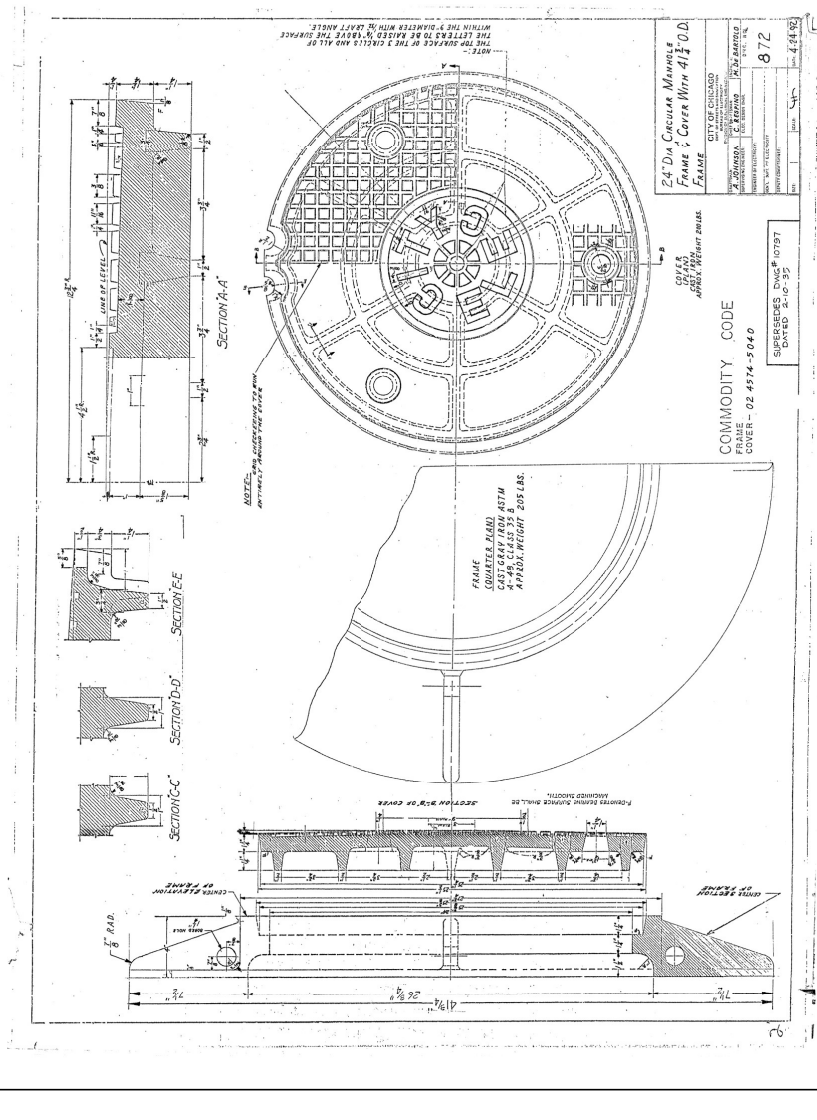
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

SINGH CONSULTING ENGINEERS

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

INSTALLATION OF SERVICE EQUIPMENT ON C.E. CC. WOOD POLES

DATE	12/25/03
APPROVED BY	KP
CHECKED BY	SG
DRAWN BY	VN



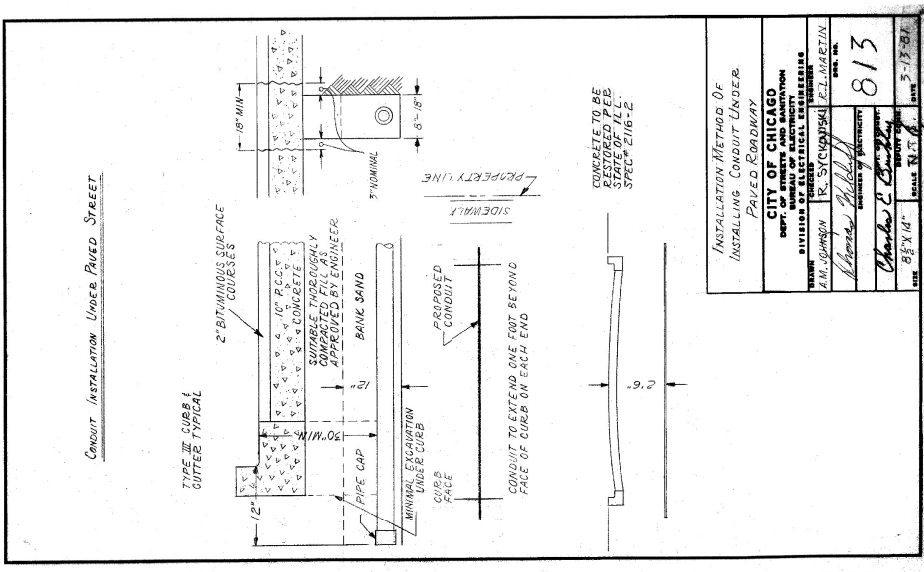
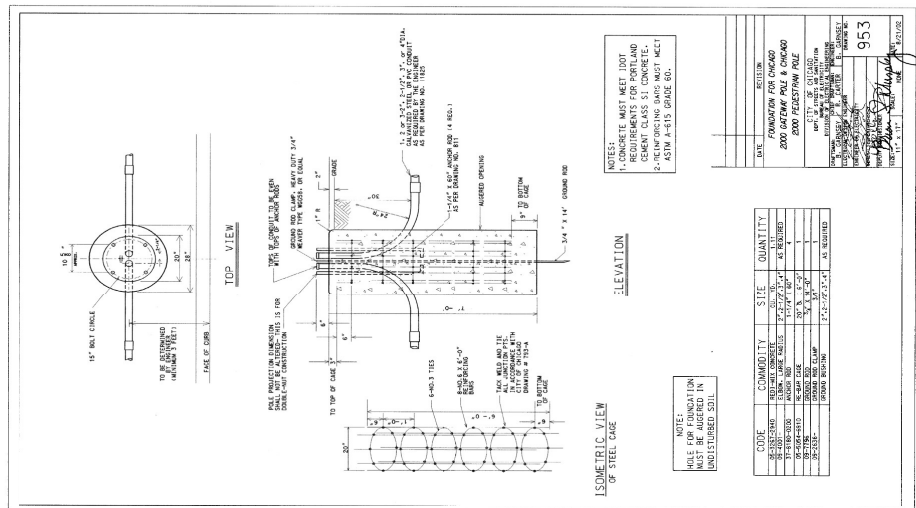
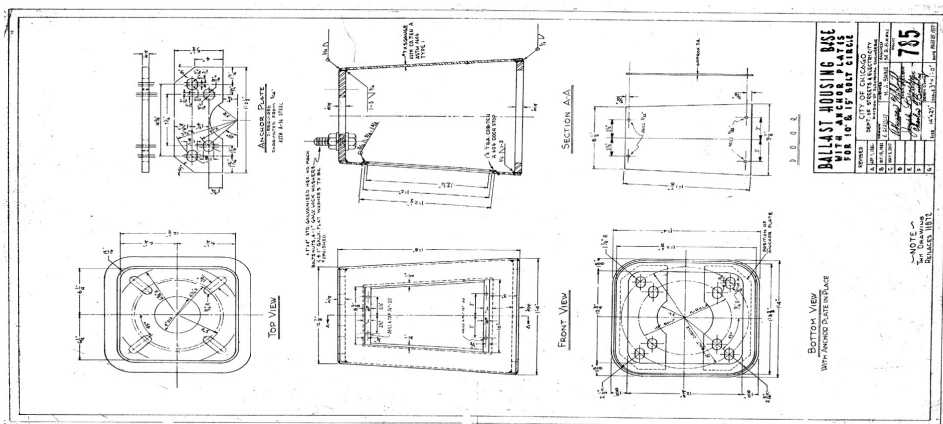
CDOT ELECTRICAL STANDARD DETAILS

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

SINGH CONSULTING ENGINEERS

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

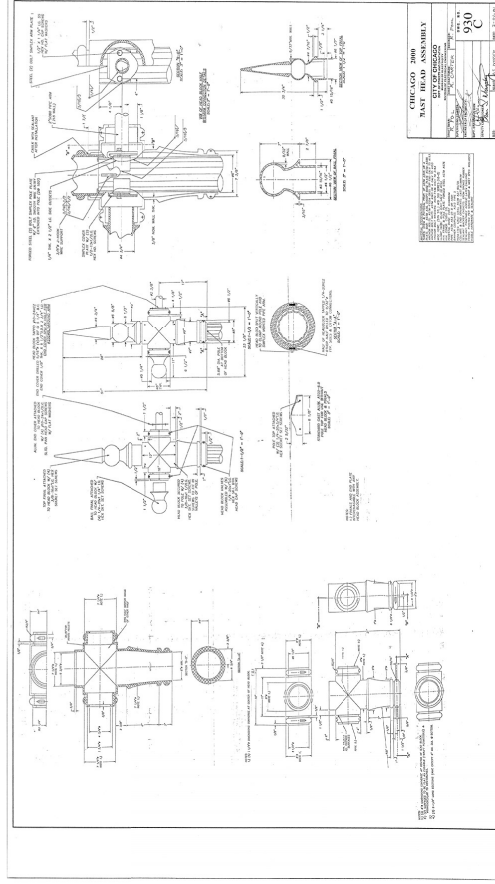
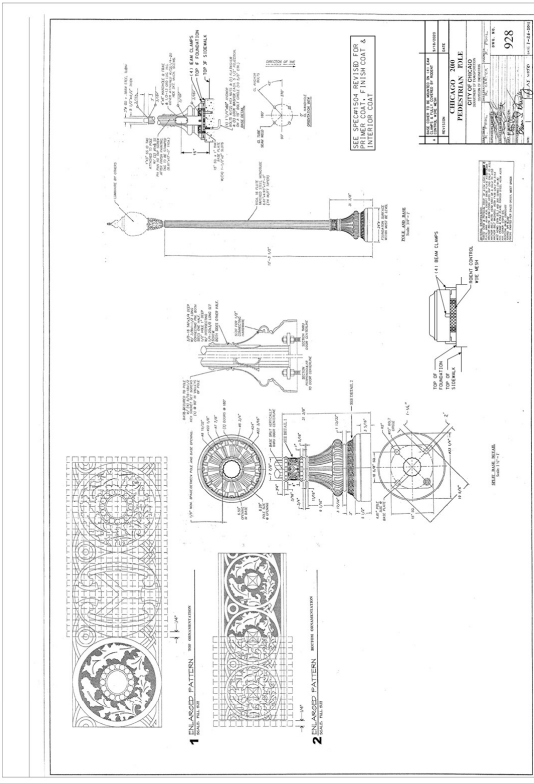
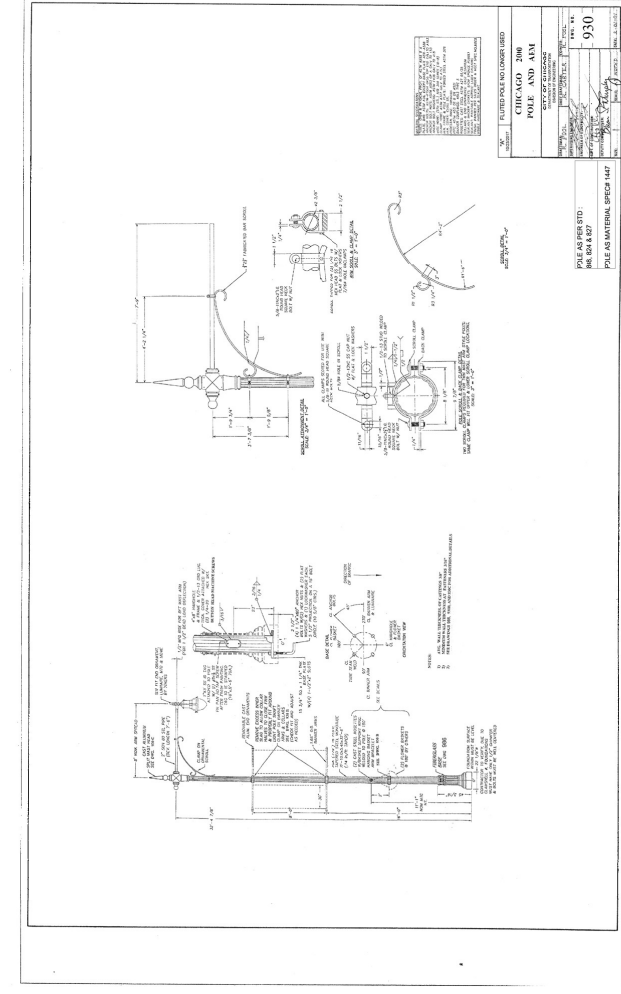
DATE	12/25/03
APPROVED BY	KP
CHECKED BY	SG
DRAWN BY	VN



NO.	REVISION	DATE	BY
1	ISSUED FOR CONSTRUCTION	10/27/03	VS
2	REVISED DATE GRADE	10/27/03	VS
3	REVISED DATE GRADE	10/27/03	VS
4	REVISED DATE GRADE	10/27/03	VS

CODE	COMMODITY	SITE	QUANTITY
28-1000	REINFORCING BARS	CONCRETE	100.00
28-1001	REINFORCING BARS	CONCRETE	100.00
28-1002	REINFORCING BARS	CONCRETE	100.00
28-1003	REINFORCING BARS	CONCRETE	100.00
28-1004	REINFORCING BARS	CONCRETE	100.00
28-1005	REINFORCING BARS	CONCRETE	100.00
28-1006	REINFORCING BARS	CONCRETE	100.00
28-1007	REINFORCING BARS	CONCRETE	100.00
28-1008	REINFORCING BARS	CONCRETE	100.00
28-1009	REINFORCING BARS	CONCRETE	100.00
28-1010	REINFORCING BARS	CONCRETE	100.00
28-1011	REINFORCING BARS	CONCRETE	100.00
28-1012	REINFORCING BARS	CONCRETE	100.00
28-1013	REINFORCING BARS	CONCRETE	100.00
28-1014	REINFORCING BARS	CONCRETE	100.00
28-1015	REINFORCING BARS	CONCRETE	100.00
28-1016	REINFORCING BARS	CONCRETE	100.00
28-1017	REINFORCING BARS	CONCRETE	100.00
28-1018	REINFORCING BARS	CONCRETE	100.00
28-1019	REINFORCING BARS	CONCRETE	100.00
28-1020	REINFORCING BARS	CONCRETE	100.00

NO.	REVISION	DATE	BY
1	ISSUED FOR CONSTRUCTION	10/27/03	VS
2	REVISED DATE GRADE	10/27/03	VS
3	REVISED DATE GRADE	10/27/03	VS
4	REVISED DATE GRADE	10/27/03	VS



PROJECT NO. 04-450

SECTION NO. 145

DRAWING NO. E-23

SHEET NO. 145

CDOT ELECTRICAL STANDARD DETAILS

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT

SINGH CONSULTING ENGINEERS

SCALE: N.T.S.

PROJECT NO. 04-450

SECTION NO. 145

DRAWING NO. E-23

SHEET NO. 145

CDOT ELECTRICAL STANDARD DETAILS

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT

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SINGH CONSULTING ENGINEERS

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PROJECT NO. 04-450

SECTION NO. 145

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SHEET NO. 145

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111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT

SINGH CONSULTING ENGINEERS

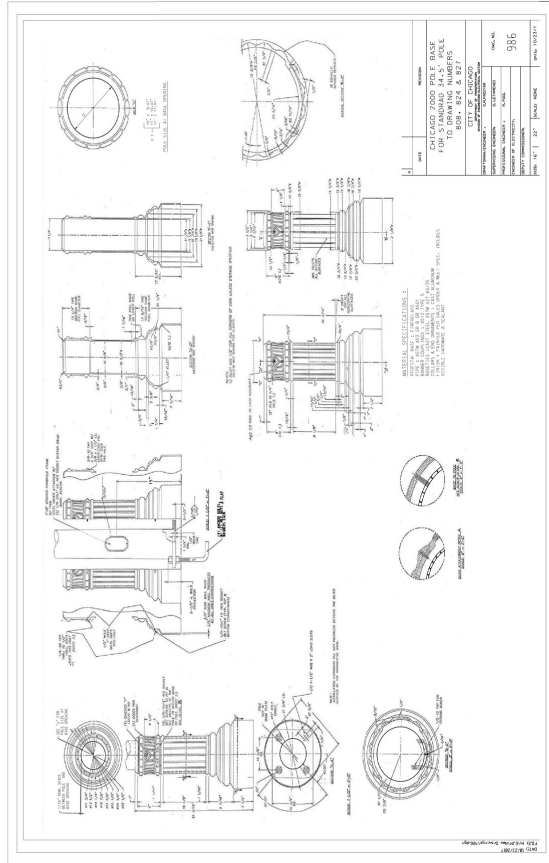
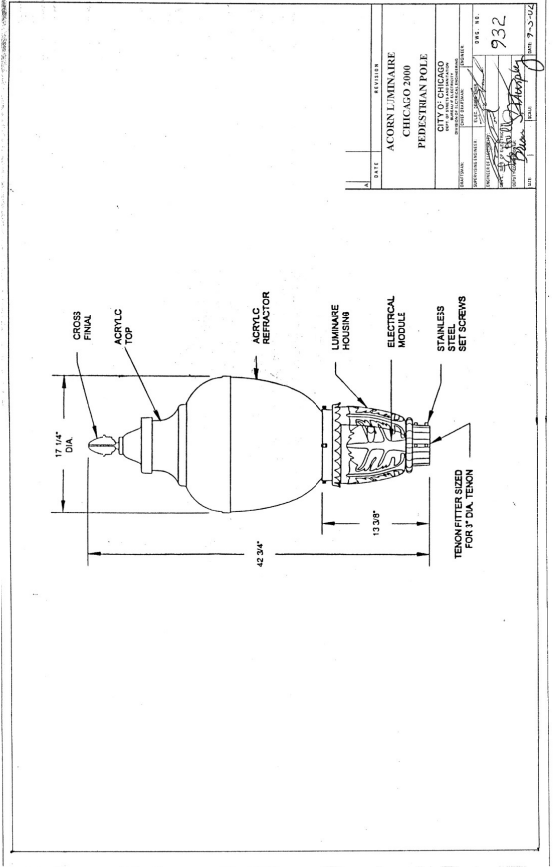
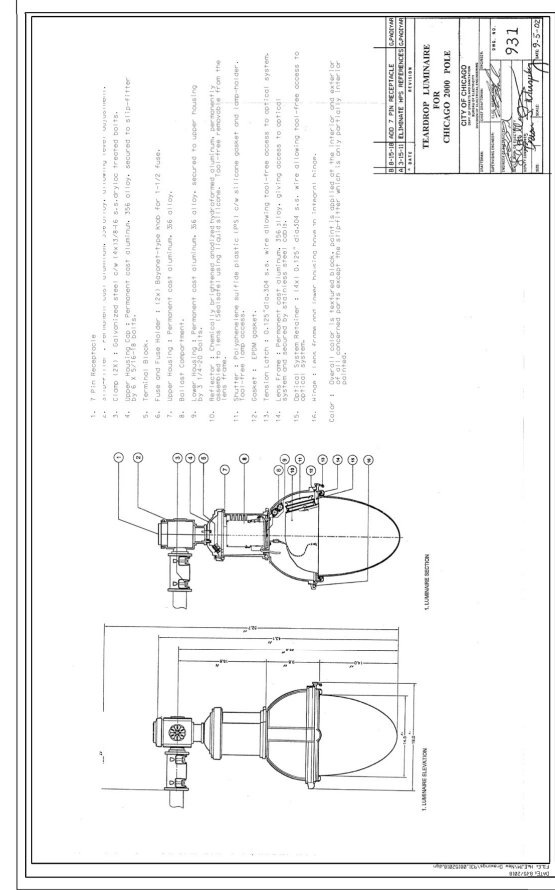
SCALE: N.T.S.

PROJECT NO. 04-450

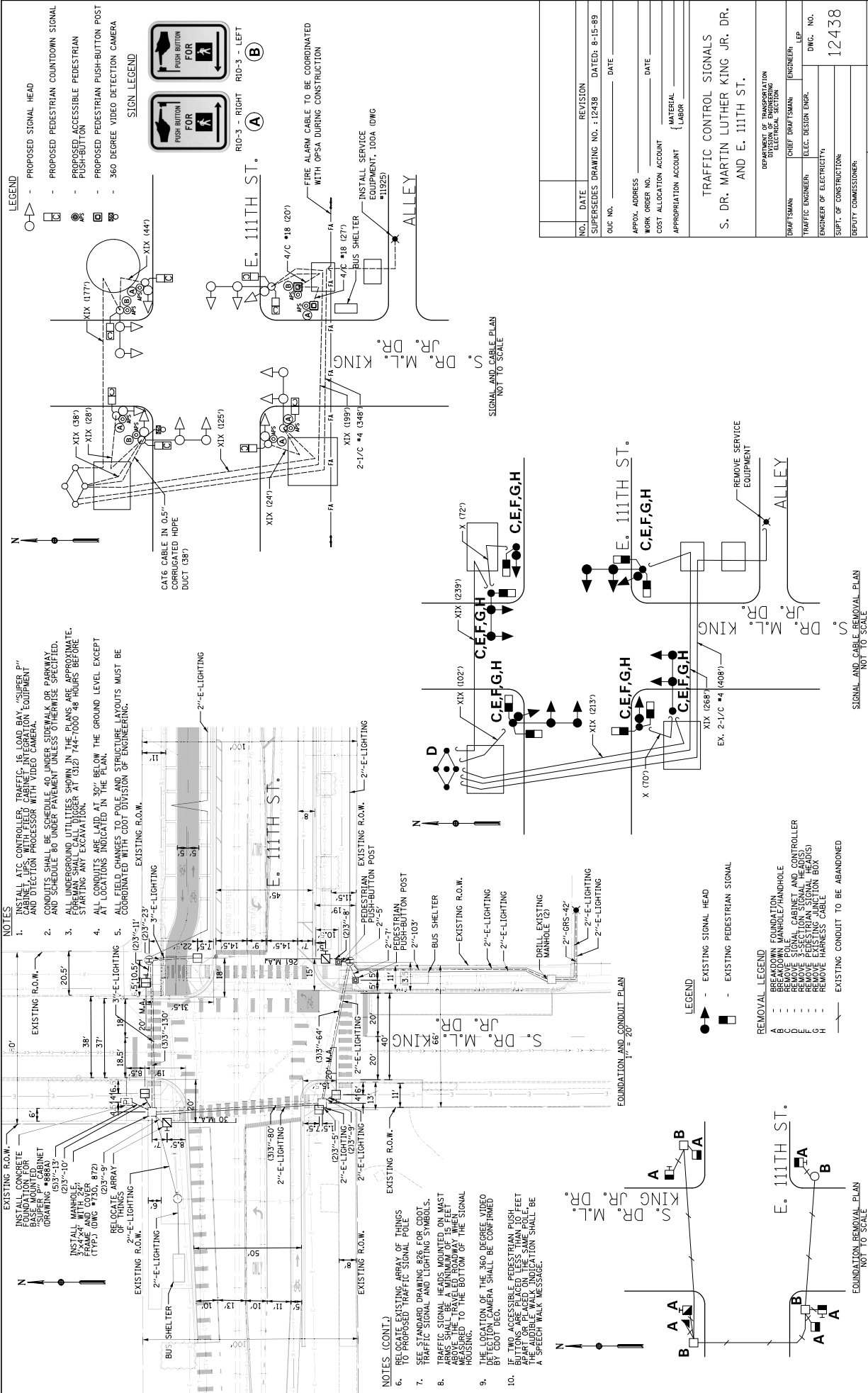
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DRAWING NO. E-23

SHEET NO. 145

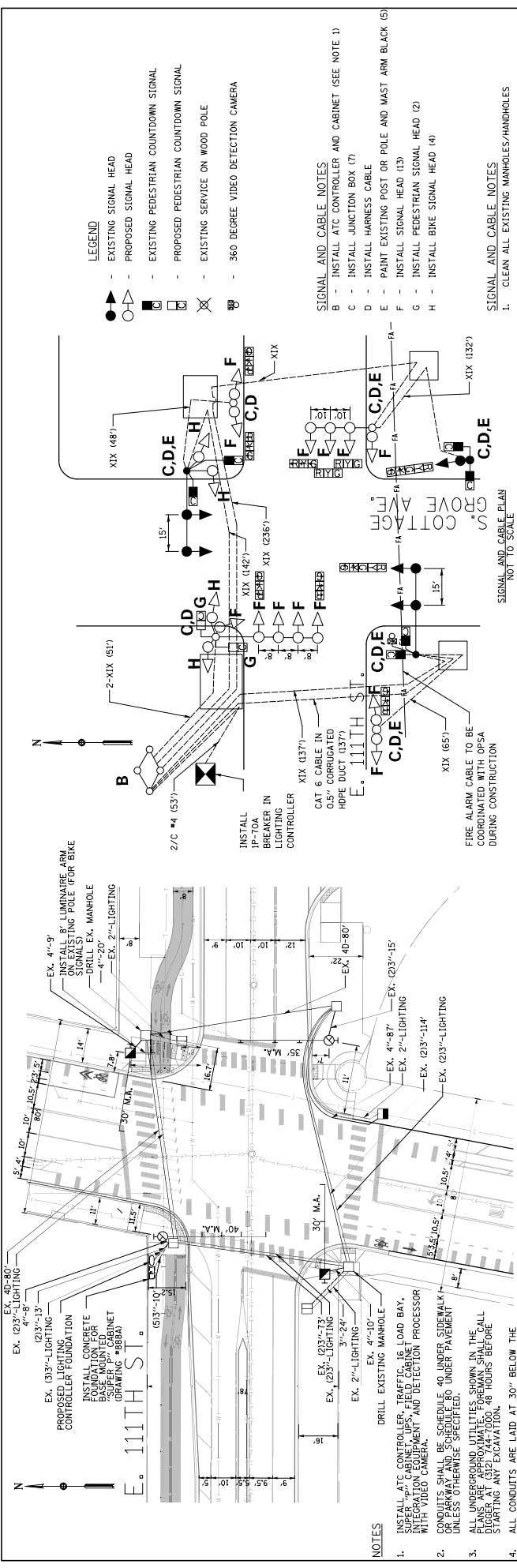


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DRAWN: VN CHECKED: SG APPROVED: KP DATE: 10/27/2003										



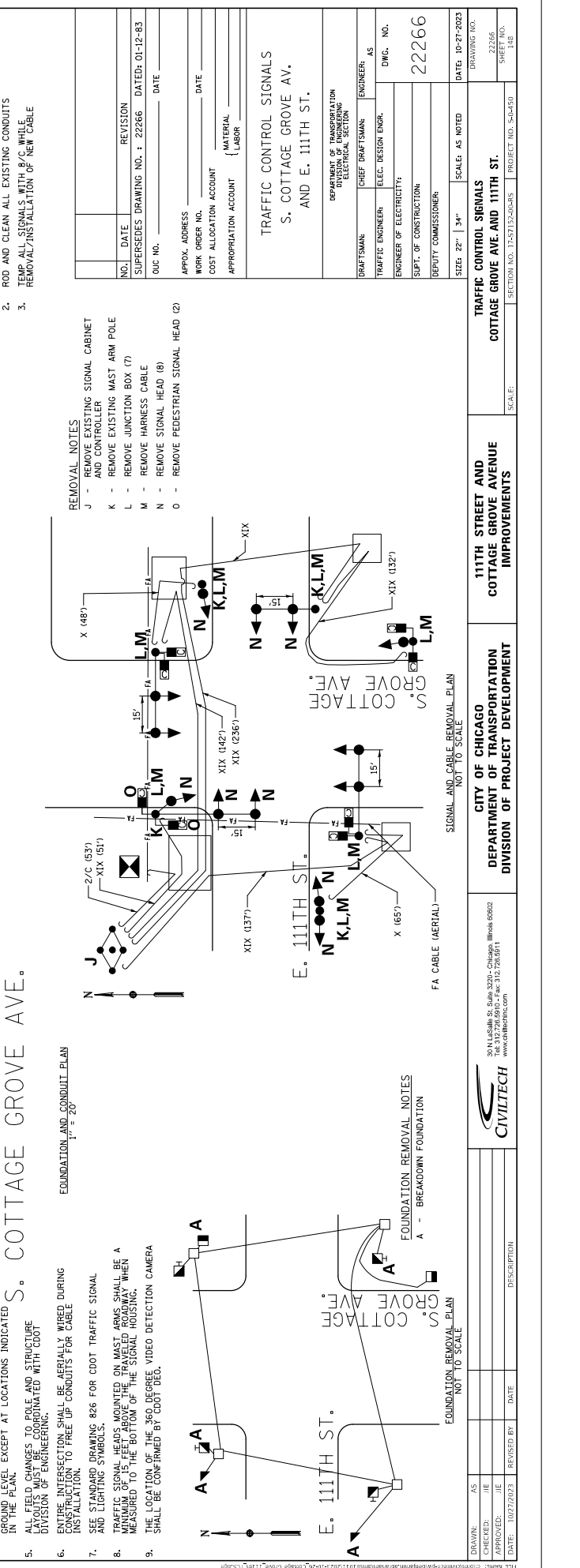
NO.	DATE	REVISION
1	08-15-89	SUPERSEDES DRAWING NO. 12438
OUC NO. _____ DATE _____		
APPROX. ADDRESS _____ DATE _____		
WORK ORDER NO. _____ DATE _____		
COST ALLOCATION ACCOUNT _____ DATE _____		
APPROPRIATION ACCOUNT _____ DATE _____		
MATERIAL _____		
LABOR _____		
TRAFFIC CONTROL SIGNALS		
S. DR. MARTIN LUTHER KING JR. DR. AND E. 111TH ST.		
DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL SECTION		
DRAWN BY	LEP	ENGINEER
CHECKED BY	JIE	LEP
APPROVED BY	JIE	LEP
DATE	10/27/2023	DATE
REVISION		DATE
DESCRIPTION		DATE

DRAWING NO.	12438
SHEET NO.	147
DATE	10-27-2023
SCALE	AS NOTED
SECTION NO.	17-5712-26-04-5
PROJECT NO.	545451
CITY OF CHICAGO	DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT	DIVISION OF ELECTRICAL SECTION
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	TRAFFIC CONTROL SIGNALS
S. DR. MARTIN LUTHER KING JR. DR. AND E. 111TH ST.	
SCALE	AS NOTED
DRAWING NO.	12438
SHEET NO.	147
DATE	10-27-2023
SCALE	AS NOTED
SECTION NO.	17-5712-26-04-5
PROJECT NO.	545451



NOTES

- INSTALL ATC CONTROLLER, TRAFFIC, 16 LOAD BAY, SUPER TOP CABINET, UPS, FIELD CABINET WITH VIDEO CAMERA.
- CONDUITS SHALL BE SCHEDULE 40 UNDER SIDEWALK OF PARKWAY AND SCHEDULE 80 UNDER PAVEMENT UNLESS OTHERWISE SPECIFIED.
- ALL UNDERGROUND UTILITIES SHOWN IN THE ALL DIMENSIONS ARE TO THE CENTERLINE OF THE UTILITY STARTING ANY EXCAVATION.
- ALL CONDUITS ARE LAID AT 30" BELOW THE GROUND LEVEL EXCEPT AT LOCATIONS INDICATED IN THE PLAN.
- ALL FIELD CHANGES TO POLE AND STRUCTURE SHALL BE COORDINATED WITH CHICAGO DIVISION OF ENGINEERING.
- ENTIRE INTERSECTION SHALL BE AERIAL WIRING DURING CONSTRUCTION TO FREE UP CONDUITS FOR CABLE INSTALLATION.
- SEE STANDARD DRAWING 826 FOR CDOT TRAFFIC SIGNAL AND LIGHTING SYMBOLS.
- TRAFFIC SIGNAL HEADS MOUNTED ON MAST ARMS SHALL BE A MINIMUM 10 FEET ABOVE THE SIGNAL HOUSING WHEN MEASURED TO THE BOTTOM OF THE SIGNAL HOUSING.
- THE LOCATION OF THE 360 DEGREE VIDEO DETECTION CAMERA SHALL BE CONFIRMED BY CDOT DEC.



REMOVAL NOTES

- REMOVE EXISTING SIGNAL CABINET AND CONTROLLER
- REMOVE EXISTING MAST ARM POLE
- REMOVE JUNCTION BOX (7)
- REMOVE HARNESS CABLE
- REMOVE SIGNAL HEAD (8)
- REMOVE PEDESTRIAN SIGNAL HEAD (2)

FOUNDATION REMOVAL PLAN NOT TO SCALE

A - BREAKDOWN FOUNDATION

- LEGEND**
- - EXISTING SIGNAL HEAD
 - - PROPOSED SIGNAL HEAD
 - ◀ - EXISTING PEDESTRIAN COUNTDOWN SIGNAL
 - ◀ - PROPOSED PEDESTRIAN COUNTDOWN SIGNAL
 - ⊗ - EXISTING SERVICE ON WOOD POLE
 - ⊗ - 360 DEGREE VIDEO DETECTION CAMERA

- SIGNAL AND CABLE NOTES**
- INSTALL ATC CONTROLLER AND CABINET (SEE NOTE 1)
 - INSTALL JUNCTION BOX (7)
 - INSTALL HARNESS CABLE
 - PAINT EXISTING POST OR POLE AND MAST ARM BLACK (5)
 - INSTALL PEDESTRIAN SIGNAL HEAD (2)
 - INSTALL BIKE SIGNAL HEAD (4)

- SIGNAL AND CABLE NOTES**
- CLEAN ALL EXISTING MANHOLES/HANDHOLES
 - ROD AND CLEAN ALL EXISTING CONDUITS
 - TEMP ALL SIGNALS WITH 8/C WHILE REMOVAL/INSTALLATION OF NEW CABLE

NO.	DATE	REVISION
1		SUPERSEDES DRAWING NO. 1 22266 DATED: 01-12-83

APPROX. ADDRESS
 WORK ORDER NO.
 COST ALLOCATION ACCOUNT
 APPROPRIATION ACCOUNT

TRAFFIC CONTROL SIGNALS
 S. COTTAGE GROVE AV.
 AND E. 111TH ST.

DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING
 ELECTRICAL SECTION

DRAFTSMAN: AS
 CHIEF DRAFTSMAN: AS
 TRAFFIC ENGINEER: AS
 ENGINEER OF ELECTRICITY: AS
 SUPV. OF CONSTRUCTION: 22266
 DEPUTY COMMISSIONER:

DATE: 10-27-2023
 DRAWING NO.: 22266
 SHEET NO.: 148

SCALE: AS NOTED
 DATE: 10-27-2023

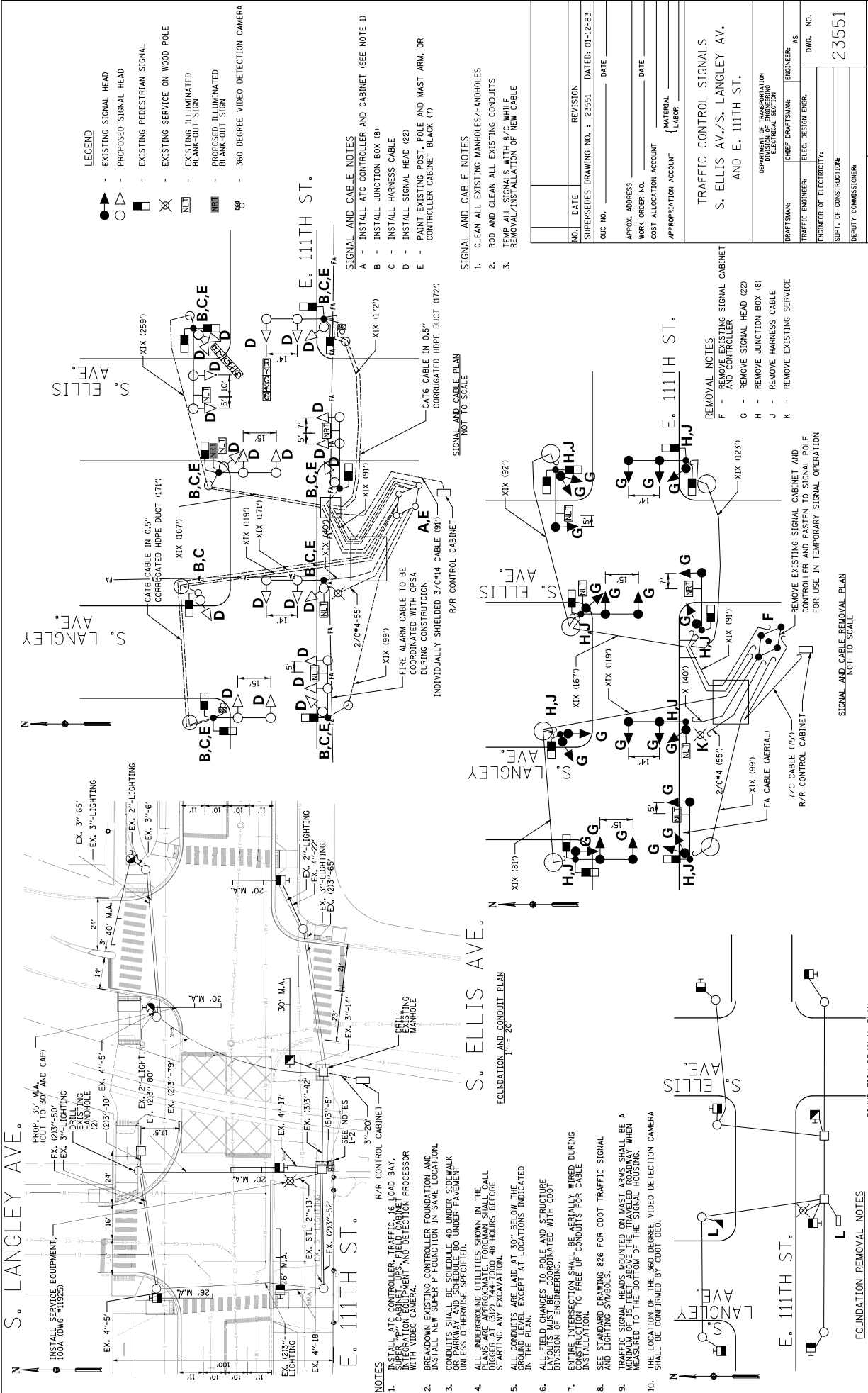
SECTION NO. 17-57172-26-485
 PROJECT NO. 545451

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
 CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602
 Tel: 312.726.5916 - Fax: 312.726.8511
 www.chicago.gov

CIVILTECH

DATE	REVISION BY	DATE	DESCRIPTION
10/27/2023	JIE		



LEGEND

- - EXISTING SIGNAL HEAD
- - PROPOSED SIGNAL HEAD
- ◻ - EXISTING PEDESTRIAN SIGNAL
- ◻ - EXISTING SERVICE ON WOOD POLE
- ◻ - EXISTING ILLUMINATED BLANK-OUT SIGN
- ◻ - PROPOSED ILLUMINATED BLANK-OUT SIGN
- ◻ - 360 DEGREE VIDEO DETECTION CAMERA

SIGNAL AND CABLE NOTES

- A - INSTALL ATC CONTROLLER AND CABINET (SEE NOTE 1)
- B - INSTALL JUNCTION BOX (8)
- C - INSTALL HARNESS CABLE
- D - INSTALL SIGNAL HEAD (22)
- E - PAINT EXISTING POST, POLE AND MAST ARM, OR CONTROLLER CABINET BLACK (7)

SIGNAL AND CABLE PLAN
NOT TO SCALE

REMOVAL NOTES

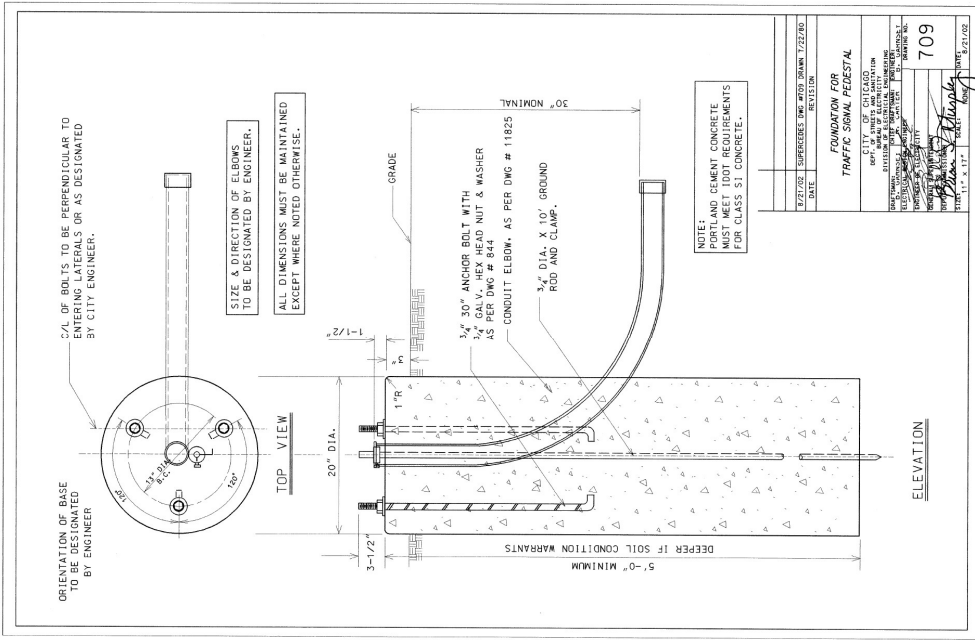
- F - REMOVE EXISTING SIGNAL CABINET AND CONTROLLER
- G - REMOVE SIGNAL HEAD (22)
- H - REMOVE JUNCTION BOX (8)
- J - REMOVE HARNESS CABLE
- K - REMOVE EXISTING SERVICE

FOUNDATION REMOVAL NOTES
L - BREAKDOWN FOUNDATION
NOT TO SCALE

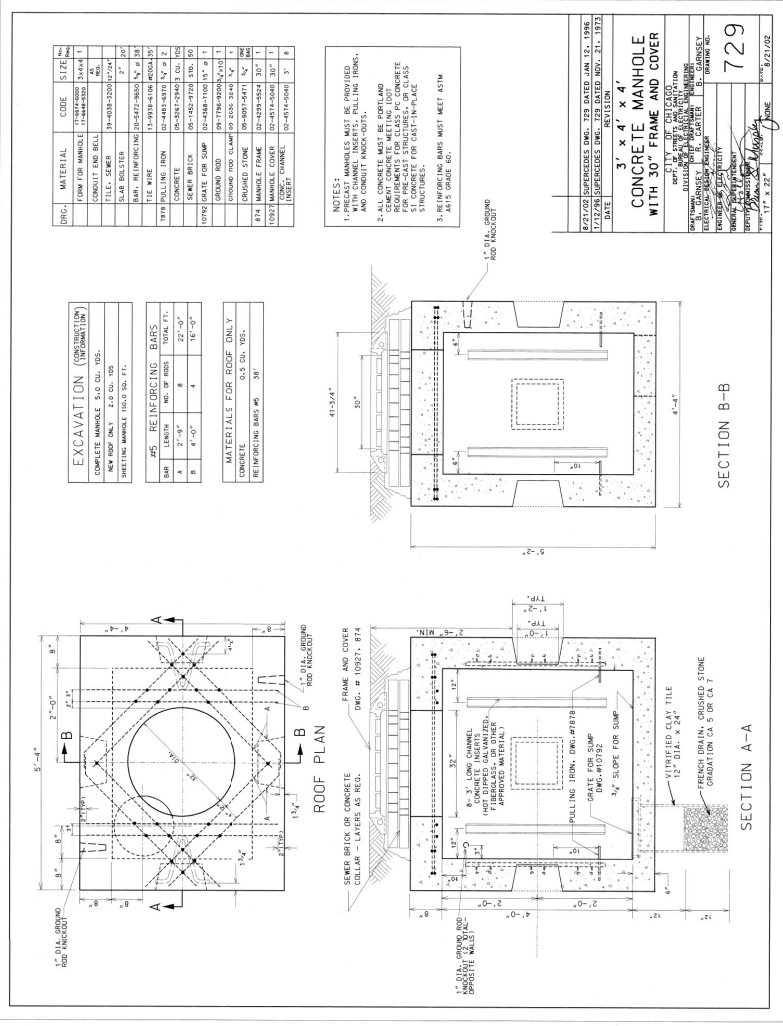
NOTES

1. INSTALL ATC CONTROLLER, TRAFFIC, 16 LOAD BAY, SUPER ATC CONTROLLER, FIELD CABINET, SUPER ATC CONTROLLER AND USE DETECTION PROCESSOR WITH VIDEO CAMERA.
2. BREAKDOWN EXISTING CONTROLLER FOUNDATION AND INSTALL NEW SUPER P FOUNDATION IN SAME LOCATION, OR PARKWAY AND SCHEDULE 80 UNDER PAVEMENT UNLESS OTHERWISE SPECIFIED.
3. CONDUITS SHALL BE SCHEDULE 40 UNDER SIDEWALK OR PARKWAY AND SCHEDULE 80 UNDER PAVEMENT UNLESS OTHERWISE SPECIFIED.
4. ALL UNDERGROUND UTILITIES SHOWN IN THE DRAWING SHALL BE VERIFIED BY A UTILITY CALL BEFORE ANY EXCAVATION.
5. ALL CONDUITS ARE LAID AT 20" BELOW THE FINISHED GRADE EXCEPT AT LOCATIONS INDICATED IN THE PLAN.
6. ALL FIELD CHANGES TO POLE AND STRUCTURE LAYOUTS MUST BE COORDINATED WITH CDDOT DIVISION OF ENGINEERING.
7. ENTIRE INTERSECTION SHALL BE AERIAL WIRE DURING CONSTRUCTION TO FREE UP CONDUITS FOR CABLE INSTALLATION AND LIGHTING SYMBOLS.
8. SEE STANDARD DRAWING 826 FOR CDDOT TRAFFIC SIGNAL AND LIGHTING SYMBOLS.
9. TRAFFIC SIGNAL HEADS MOUNTED ON MAST ARMS SHALL BE A MINIMUM OF 15 FEET ABOVE THE TRAVELED ROADWAY WHEN MEASURED TO THE BOTTOM OF THE SIGNAL HOUSING.
10. THE LOCATION OF THE 360 DEGREE VIDEO DETECTION CAMERA SHALL BE CONFIRMED BY CDDOT DEED.

NO. DATE		REVISION	DATE
SUPERSEDES DRAWING NO. 1		23551	01-12-83
DUC NO. _____ DATE _____			
APPROX. ADDRESS _____ DATE _____			
WORK ORDER NO. _____ DATE _____			
COST ALLOCATION ACCOUNT _____ MATERIAL _____ LABOR _____			
APPROPRIATION ACCOUNT _____			
TRAFFIC CONTROL SIGNALS S. ELLIS AV./S. LANGLEY AV. AND E. 111TH ST.			
DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL SECTION			
DRAFTSMAN:	CHIEF DRAFTSMAN:	ENGINEER:	AS
TRAFFIC ENGINEER:	ELEC. DESIGN ENGR.:	DWG. NO.:	23551
ENGINEER OF ELECTRICITY:		SHEET NO.:	149
SUPT. OF CONSTRUCTION:		SCALE:	AS NOTED
DEPUTY COMMISSIONER:		DATE:	10-27-2023
SECTION NO. 17-57172-26-845	PROJECT NO. 545451	DRAWING NO. 23551	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		TRAFFIC CONTROL SIGNALS LANGLEY AVE/ELLIS AVE AND 111TH ST.	
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS		SCALE: NOT TO SCALE	
30 N. LaSalle St., Suite 2220 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8511 www.civiltech.com			
CIVILTECH	DESCRIPTION		
DRAWN: AS	CHECKED: JIE	REVISION:	DATE:
APPROVED: JIE	REVIEWED BY:		
DATE: 10/27/2023			



DATE	12/27/02
REVISION	SUPERSEDES DWG 2007-DRAWN 722/2/0
FOUNDATION FOR TRAFFIC SIGNAL PESTEL	
CITY OF CHICAGO	
DEPT. OF PUBLIC WORKS	
DIVISION OF TRANSPORTATION	
PROJECT NO. 709	
DRAWN BY: [Signature]	
CHECKED BY: [Signature]	
APPROVED BY: [Signature]	
DATE: 02/23/02	



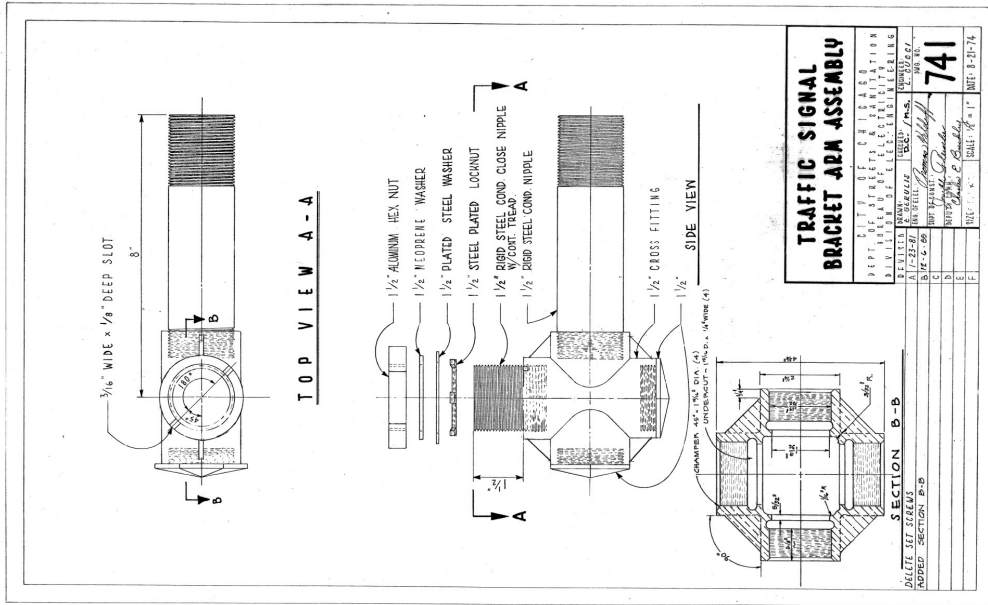
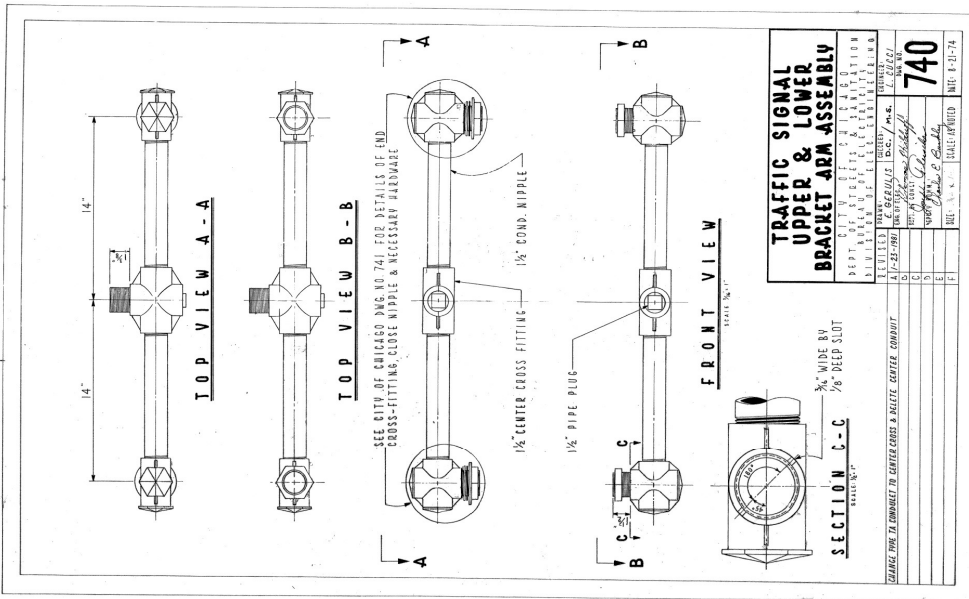
QTY	DESCRIPTION	UNIT	QTY
1	CONCRETE	CU YD	1
1	STEEL REINFORCEMENT	LB	1
1	FORMWORK	SQ YD	1
1	MANHOLE COVER	EA	1
1	MANHOLE FRAME	EA	1
1	FRAMING	EA	1
1	GRADE	EA	1
1	FINISH	EA	1
1	PAINT	EA	1
1	INSTALL	EA	1
1	REMOVE	EA	1
1	TEST	EA	1

EXCAVATION (CONCRETE)	
NO. OF LAYERS	1
NO. OF JOINTS	0
SHEETING AVAILABLE	10.0 TO 11.7

#55 REINFORCING BARS	
BAR	11-9184-106-A004-30
A	2'-0" x 2'-0"
B	2'-0" x 2'-0"
C	4'-0" x 4'-0"
D	18'-0"

MATERIALS FOR ROOF ONLY	
CONCRETE	0.5 CU. YD.
REINFORCING BARS	30'

NOTE:
SEE SHEET E-01 FOR STANDARD DRAWING 826 (STANDARD CODE FOR TRAFFIC SIGNALS AND STREET LIGHTING)



DRAWING NO.	1-2
SHEET NO.	151
PROJECT NO.	545431L
SECTION NO.	
SCALE:	
TRAFFIC CONTROL SIGNALS	
CDOT ELECTRICAL STANDARD DETAILS	
11TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	
TRAFFIC SIGNAL BRACKET ARM ASSEMBLY	
DRAWN BY	LAB
CHECKED BY	JIE
APPROVED BY	
DATE	10/27/2013
REVISED BY	
DATE	

CIVILTECH

30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602
 Tel: 312.726.5910 - Fax: 312.726.8571
 www.civiltech.com

TRAFFIC SIGNAL BRACKET ARM ASSEMBLY

741

1/2" DIA. (A)

1/2" DIA. (B)

1/2" DIA. (C)

1/2" DIA. (D)

1/2" DIA. (E)

1/2" DIA. (F)

1/2" DIA. (G)

1/2" DIA. (H)

1/2" DIA. (I)

1/2" DIA. (J)

1/2" DIA. (K)

1/2" DIA. (L)

1/2" DIA. (M)

1/2" DIA. (N)

1/2" DIA. (O)

1/2" DIA. (P)

1/2" DIA. (Q)

1/2" DIA. (R)

1/2" DIA. (S)

1/2" DIA. (T)

1/2" DIA. (U)

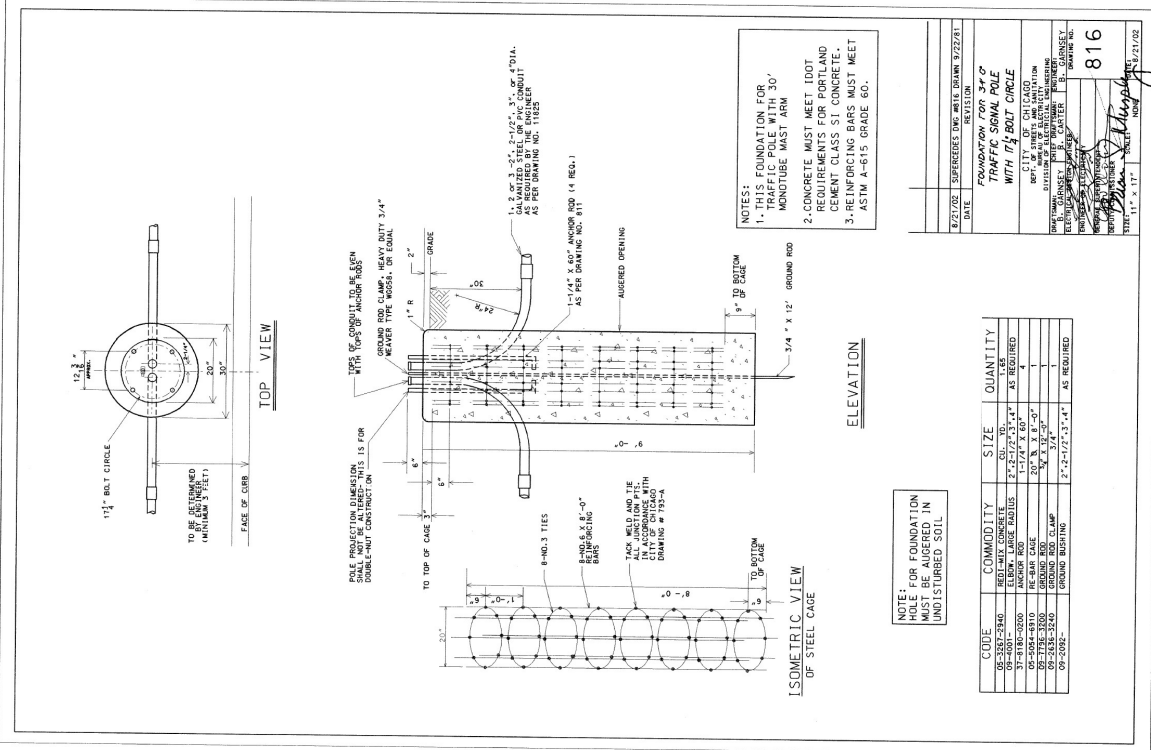
1/2" DIA. (V)

1/2" DIA. (W)

1/2" DIA. (X)

1/2" DIA. (Y)

1/2" DIA. (Z)

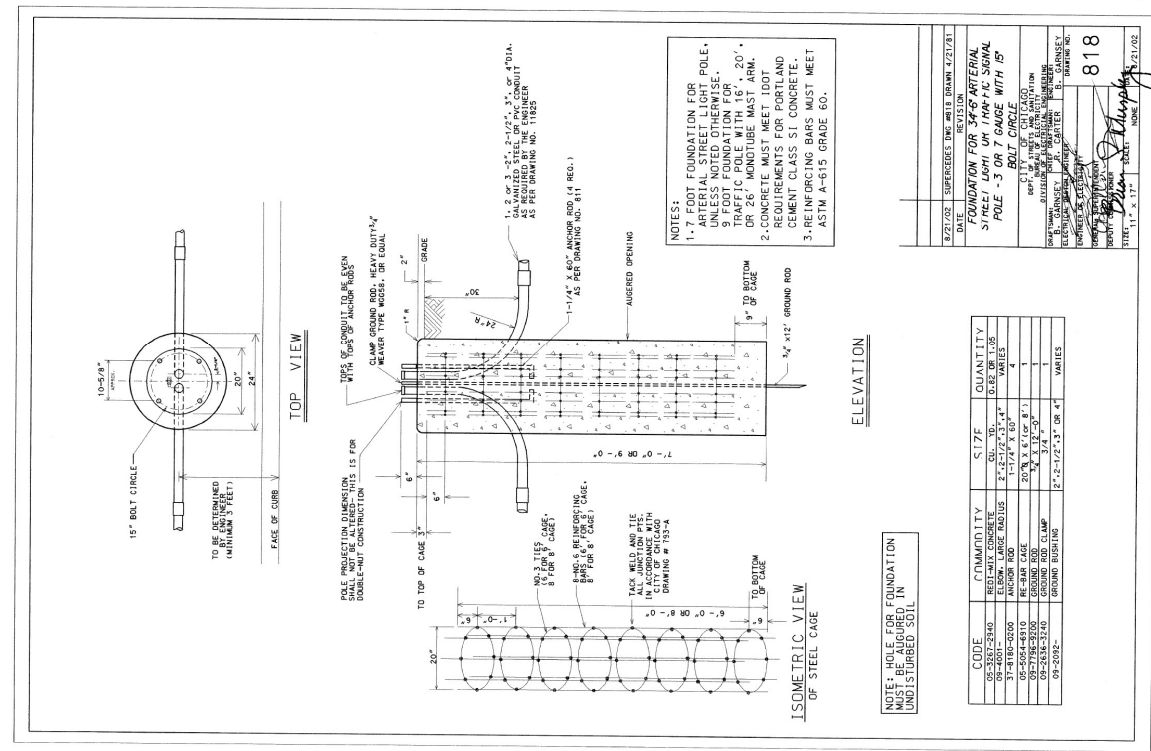


DATE: 8/21/02 SUPERSEDES DWG NO. DRAWN: 8/22/01
 REVISION: FOUNDATION FOR 34' TRAFFIC SIGNAL POLE WITH 1 1/4\"/>

CODE	COMMODITY	SIZE	QUANTITY
05-3387-2840	RED MIX CONCRETE	60	AS REQUIRED
09-4001-3505	ELEVA. LARGE RADII	2'-2-1/2" x 3'-4"	AS REQUIRED
05-5084-3810	RC-CAGE	20" X 2' X 8'-0"	4
09-1738-3308	GROUND ROD	3/4" X 12'	1
09-2658-2440	GROUND ROD CLAMP	3/4"	1
09-2092-	GROUND BUSHING	2'-2-1/2" x 3'-4"	AS REQUIRED

NOTE: HOLE FOR FOUNDATION MUST BE ACQUIRED IN UNDISTURBED SOIL

11" x 17" DATE: 8/21/02
 816
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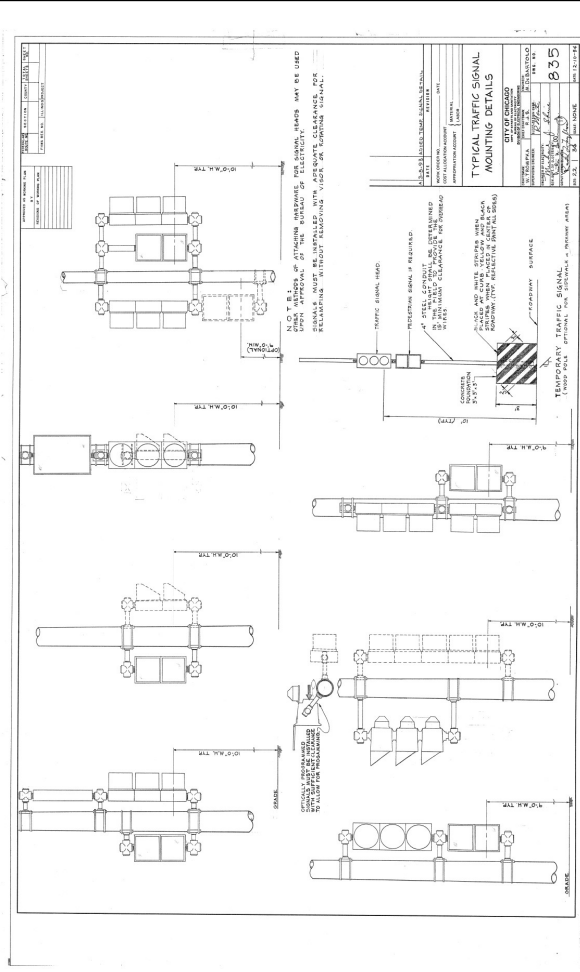
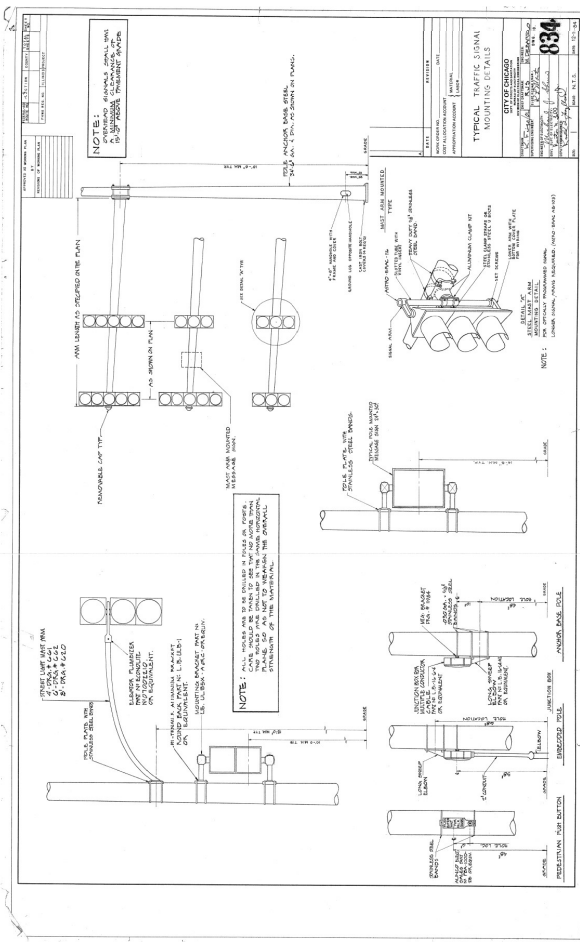
DATE: 8/21/02 SUPERSEDES DWG NO. DRAWN: 8/21/01
 REVISION: FOUNDATION FOR TRAFFIC SIGNAL POLE WITH 1 1/4\"/>

CODE	COMMODITY	SIZE	QUANTITY
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09-4001-3505	ELEVA. LARGE RADII	2'-2-1/2" x 3'-4"	AS REQUIRED
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NOTE: HOLE FOR FOUNDATION MUST BE ACQUIRED IN UNDISTURBED SOIL

11" x 17" DATE: 8/21/02
 818
 CIVILTECH
 30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602
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DRAWING NO.	TRAFFIC CONTROL SIGNALS	SECTION NO.	PROJECT NO. 245431L
CHECKED:	JIE	SCALE:	
APPROVED:			
DATE:	10/27/2023		
REVISION BY:			
DATE:			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N LaSalle St, Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5919 Fax: 312.726.8571 www.chicago.gov		CDDOT ELECTRICAL STANDARD DETAILS	
CIVILTECH		DRAWING NO. T-4 SHEET NO. 163	



COMPLETE COMMODITY CODE NO. 05-6610-5310M		
CODE NO.	MATERIALS	SIZE QUAN.
0105-4610-5310	PRE-CAST HANDHOLE	30" X 36" 1
0105-9075-5470	STONES, 1/2" CRUSHED	BAG 5
0105-5082-5330	CONC. TUBE	30" 1
0105-5082-5342	CONC. TUBE	42" 1
0105-5287-2940	CONC. REIN-FIX	CL. YD. 1/2
03 57-0170-0000	6" X 6" MESH	36" X 10" 1
05-1452-9720	BRICK	24
05-4399-5524	FRAME MANHOLE	24"
05-4574-0560	COVER, MANHOLE	34"
05-7745-0312	GROUND ROD	3/4" X 12' 1
05-2630-3249	GROUND CLAMP	1

(1) PRE-CAST HANDHOLE SHALL INCLUDE CABLE HOOPS AND CONDUIT ANKERS.
 (2) THESE ITEMS ARE FOR PAIRED-INSPECTION HANDHOLES ONLY.

CONSTRUCTION NOTES:

1. 8" BED OF STONE FOR DRAINAGE.
2. ALL METALLIC CONCRETE ENTERING HANDHOLE SHALL BE GALVANIZED STEEL AND SHALL BE EQUIPPED WITH AN IMPROVED TYPE OF THREADED ANCHORING BUSHING.

PLAN
 42" (4) PLASTIC COATED CABLE HOOPS
 FRAME & COVER
 ENG'D. STONE
 30" MIN. WIDTH
 8" MIN. 20"
 1" H. HOLE
 REINFC. WIRE MESH #8 @ 12"

30" DIA. CONCRETE HANDHOLE
 CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT
 867

DIMENSIONS FOR LOCATIONS OF ANCHOR BOLTS TO BE STRICTLY ADHERED TO.

TOP VIEW

FRONT VIEW

SIDE VIEW

TYPE SUPER 'P' FOUNDATION
 FOR BASE MOUNTED
 TRAFFIC SIGNAL CONTROL CABINET
 CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

D	24242	CONNECTED GROUND ROD LENGTH	A. MAROTTA	DRAW. NO.					
C	14342	ADJUSTED ANCHOR ROD SPACING	A. YONKAS	888A					
B	14342	LENGTH OF BASE TO BS 9"	ENGINEER OF ELECTRICITY: A. YONKAS						
A	14342	BOLT DIMENSIONS FOR PAIR # 1-44 COLUMNS	DEPUTY COMMISSIONER:						
REV	DATE	DESCRIPTION	SIZE	1"	2"	SCALE:	NONE	DATE:	10/20/21

CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS		
TRAFFIC CONTROL SIGNALS CDOOT ELECTRICAL STANDARD DETAILS			
DRAWN: LAB	REVISION	DATE	DESCRIPTION
CHECKED: JIE			
APPROVED:			
DATE: 10/27/2023	REVIEWED BY:		

DRAWN: LAB	REVISION	DATE	DESCRIPTION
CHECKED: JIE			
APPROVED:			
DATE: 10/27/2023	REVIEWED BY:		

DRAWN: LAB
 CHECKED: JIE
 APPROVED:
 DATE: 10/27/2023

REVISOR BY: DATE

DESCRIPTION

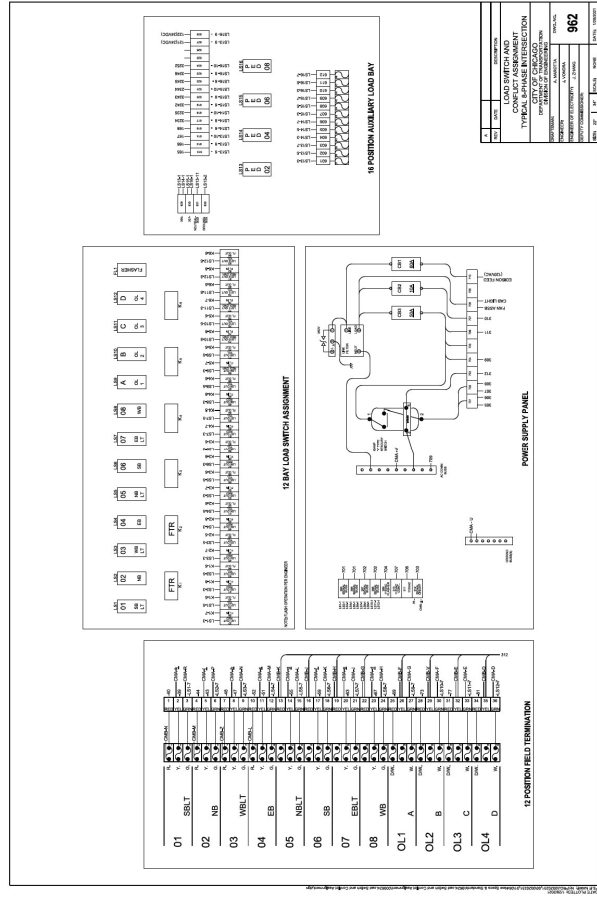
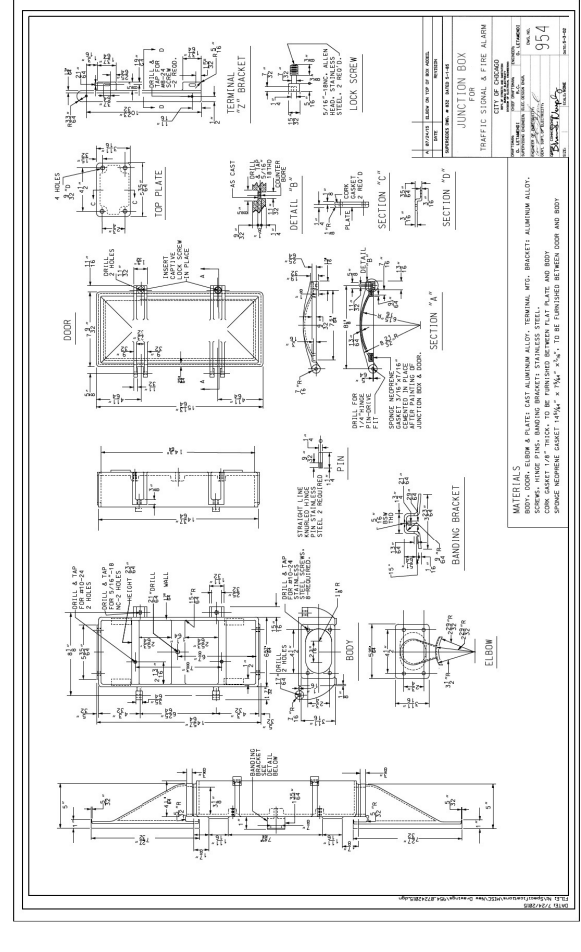
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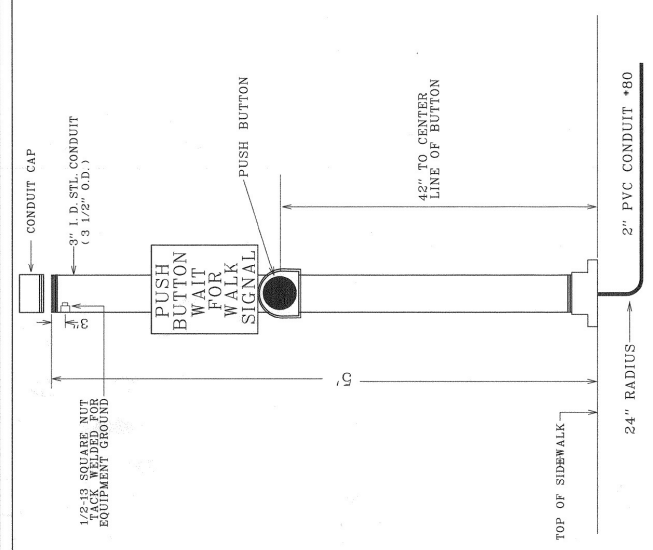
**CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT**

**11TH STREET AND
 COTTAGE GROVE AVENUE
 IMPROVEMENTS**

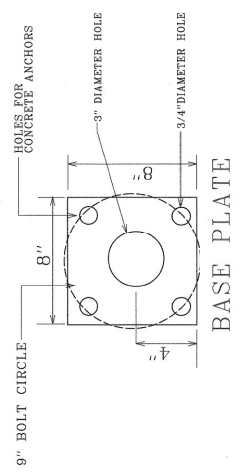
**TRAFFIC CONTROL SIGNALS
 CDOT ELECTRICAL STANDARD DETAILS**

DRAWING NO: T-6
 SHEET NO: 155
 PROJECT NO: 242431L
 SECTION NO:

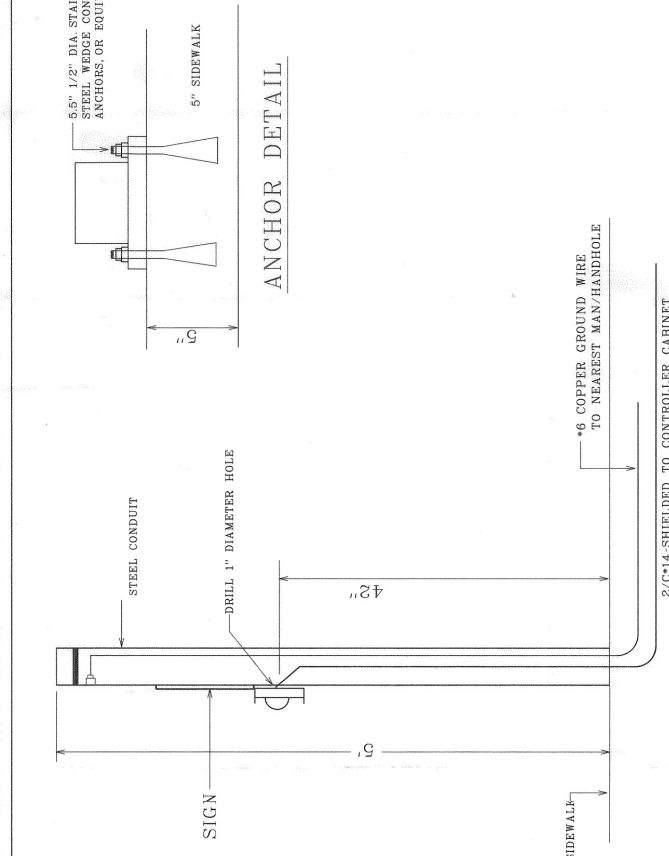




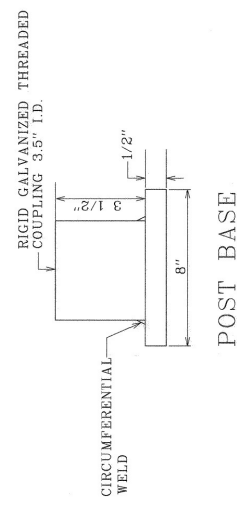
PEDESTRIAN PUSH BUTTON POST



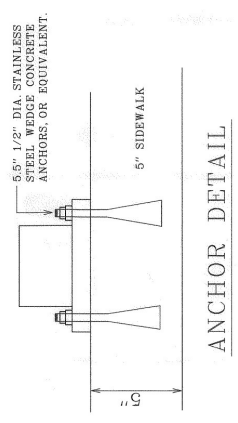
1/2" THICK ASTM A595, GRADE A STEEL



PUSH BUTTON & SIGN
SIDE VIEW



POST BASE



ANCHOR DETAIL

**DETAIL OF PEDESTRIAN
PUSH BUTTON POST**

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO. 54543L
SECTION NO. _____
SCALE: _____

DATE: 2/27/03
SCALE AND SCALE DATE: 2/20/08

DESIGNED BY: *[Signature]*
CHECKED BY: *[Signature]*
APPROVED BY: *[Signature]*

ENGINEER: **RICK BYRNE**
SUPERVISING ENGINEER, ELECTRICAL ENG.

DATE: 1/13/03
DWG. NO. **963**

1003 Ped Push Button Post.DWG 02/20/08 2:02:27 PM

DRAWING NO.		TRAFFIC CONTROL SIGNALS		DRAWING NO.	
SHEET NO.		CDOT ELECTRICAL STANDARD DETAILS		SHEET NO.	
PROJECT NO.		SECTION NO.		PROJECT NO.	
SCALE:		SCALE:		PROJECT NO.	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		11TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS		DRAWING NO.	
30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.civiltech.com		CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		DRAWING NO.	
CIVILTECH		CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		DRAWING NO.	
DESCRIPTION		CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		DRAWING NO.	
DRAWN:	LEP	DATE:	10/27/03	REVISION:	
CHECKED:	JIE	DATE:		REVISION:	
APPROVED:		DATE:		REVISION:	

DRAWN: LAB
 CHECKED: JIE
 APPROVED:
 DATE: 10/27/2023

REVISY BY: DATE

DESCRIPTION

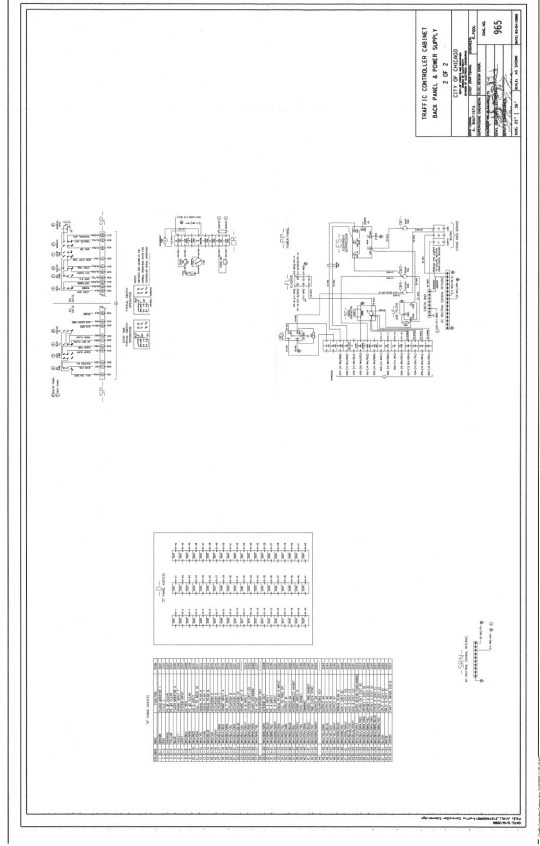
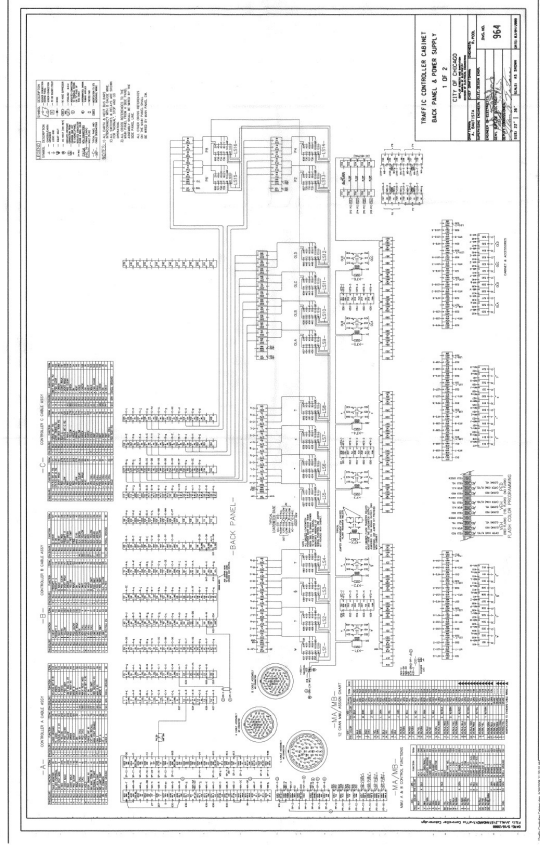
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**CITY OF CHICAGO
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 DIVISION OF PROJECT DEVELOPMENT**

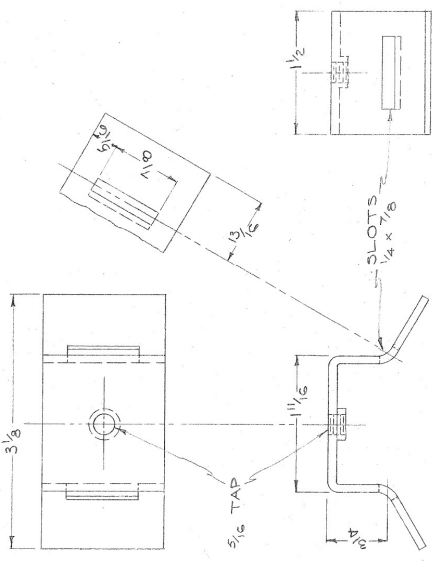
**111TH STREET AND
 COTTAGE GROVE AVENUE
 IMPROVEMENTS**

SCALE: SECTION NO. PROJECT NO. **54543L**

DRAWING NO. **T-8**
 SHEET NO. **157**

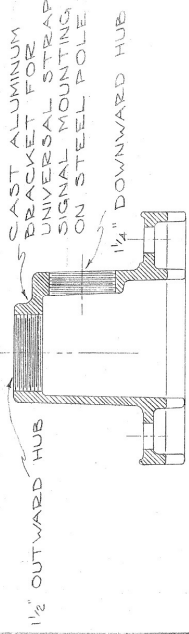


BANDING FITTING FOR POLE MOUNTING JUNCTION



MATERIAL: STAINLESS STEEL - 4 1/2 x 1 1/2 x 3/32

BANDING FITTING FOR POLE MOUNTING SIGNALS



MATERIAL: CAST ALUMINUM

BANDING FOR FITTINGS

POLE MOUNTING

TRAFFIC SIGNAL

CITY OF CHICAGO

DEPARTMENT OF TRANSPORTATION

DIVISION OF PROJECT DEVELOPMENT

CRUISE HINDS
TL-3301-WITHOUT DOWNWARD
HUB
TL-3302 WITH 1/4" DOWNWARD
HUB

DATE: 11/9/84
DRAWN BY: [Signature]
CHECKED BY: [Signature]
APPROVED BY: [Signature]

DRAWN:	LAB	DESCRIPTION:
CHECKED:	JIE	
APPROVED:		
DATE:	10/27/2023	REVISION:

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Tel: 312.726.5910 - Fax: 312.726.8571
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11TH STREET AND
COTTAGE GROVE AVENUE
IMPROVEMENTS

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

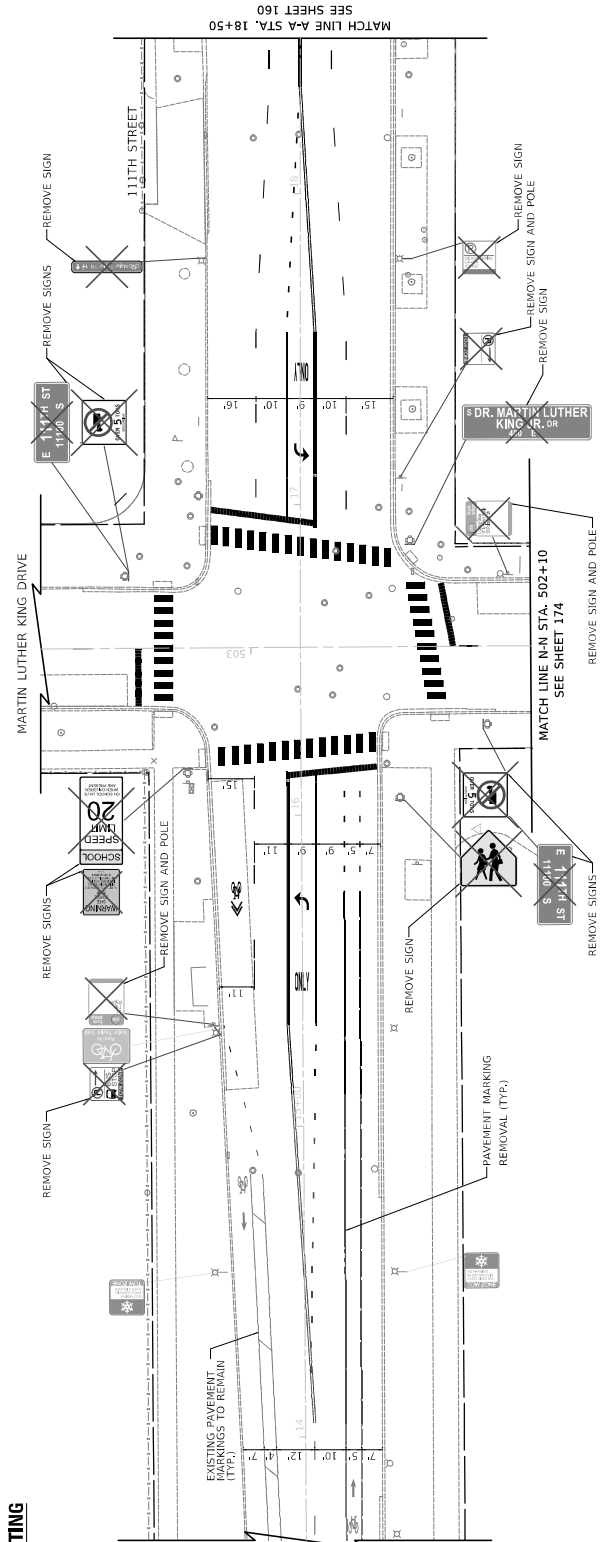
TRAFFIC CONTROL SIGNALS
CDDT ELECTRICAL STANDARD DETAILS

DRAWING NO. 158
SHEET NO. 158

<p>19 - 22 CONDUCTOR OR CODE 1/2 CODE - OMIT 19-21-22</p> <table border="1"> <tr><td>1-4</td><td>WH</td><td>RED/BLACK TR. COMMON</td></tr> <tr><td>5-8</td><td>WH</td><td>RED/BLACK TR. COMMON (SHARD)</td></tr> <tr><td>9-10</td><td>A</td><td>NO BOUND</td></tr> <tr><td>11-12</td><td>A</td><td>NO BOUND</td></tr> <tr><td>13-14</td><td>A</td><td>NO BOUND</td></tr> <tr><td>15-16</td><td>A</td><td>NO BOUND</td></tr> <tr><td>17-18</td><td>A</td><td>NO BOUND</td></tr> <tr><td>19-20</td><td>A</td><td>NO BOUND</td></tr> <tr><td>21-22</td><td>A</td><td>NO BOUND</td></tr> </table>	1-4	WH	RED/BLACK TR. COMMON	5-8	WH	RED/BLACK TR. COMMON (SHARD)	9-10	A	NO BOUND	11-12	A	NO BOUND	13-14	A	NO BOUND	15-16	A	NO BOUND	17-18	A	NO BOUND	19-20	A	NO BOUND	21-22	A	NO BOUND	<p>14 CONDUCTOR - 10 POINT STRIP</p> <table border="1"> <tr><td>10</td><td>COMMON WHITE</td></tr> <tr><td>9</td><td>RED WHITE TRACER</td></tr> <tr><td>8</td><td>ORANGE "</td></tr> <tr><td>7</td><td>GREEN "</td></tr> <tr><td>6</td><td>RED - BLACK TRACER</td></tr> <tr><td>5</td><td>ORANGE "</td></tr> <tr><td>4</td><td>GREEN "</td></tr> <tr><td>3</td><td>RED - SOLID</td></tr> <tr><td>2</td><td>ORANGE - SOLID</td></tr> <tr><td>1</td><td>GREEN - SOLID</td></tr> </table> <p>14 CONDUCTOR - 14 POINT STRIP</p> <table border="1"> <tr><td>14</td><td>COMMON WHITE</td></tr> <tr><td>13</td><td>BLACK</td></tr> <tr><td>12</td><td>RED - BLUE TRACER</td></tr> <tr><td>11</td><td>ORANGE "</td></tr> <tr><td>10</td><td>GREEN "</td></tr> <tr><td>9</td><td>RED - WHITE TRACER</td></tr> <tr><td>8</td><td>ORANGE "</td></tr> <tr><td>7</td><td>GREEN "</td></tr> <tr><td>6</td><td>RED - BLACK TRACER</td></tr> <tr><td>5</td><td>ORANGE "</td></tr> <tr><td>4</td><td>GREEN "</td></tr> <tr><td>3</td><td>RED - SOLID</td></tr> <tr><td>2</td><td>ORANGE - SOLID</td></tr> <tr><td>1</td><td>GREEN - SOLID</td></tr> </table>	10	COMMON WHITE	9	RED WHITE TRACER	8	ORANGE "	7	GREEN "	6	RED - BLACK TRACER	5	ORANGE "	4	GREEN "	3	RED - SOLID	2	ORANGE - SOLID	1	GREEN - SOLID	14	COMMON WHITE	13	BLACK	12	RED - BLUE TRACER	11	ORANGE "	10	GREEN "	9	RED - WHITE TRACER	8	ORANGE "	7	GREEN "	6	RED - BLACK TRACER	5	ORANGE "	4	GREEN "	3	RED - SOLID	2	ORANGE - SOLID	1	GREEN - SOLID	<p>10 CONDUCTOR - 7 POINT STRIP</p> <table border="1"> <tr><td>7</td><td>COMMON WHITE</td></tr> <tr><td>6</td><td>RED - BLACK TR.</td></tr> <tr><td>5</td><td>ORANGE - SOLID</td></tr> <tr><td>4</td><td>BLUE "</td></tr> <tr><td>3</td><td>RED "</td></tr> <tr><td>2</td><td>ORANGE "</td></tr> <tr><td>1</td><td>GREEN "</td></tr> </table> <p>10 CONDUCTOR - 10 POINT STRIP</p> <table border="1"> <tr><td>10</td><td>COMMON WHITE</td></tr> <tr><td>9</td><td>RED - BLUE TRACER</td></tr> <tr><td>8</td><td>ORANGE "</td></tr> <tr><td>7</td><td>GREEN "</td></tr> <tr><td>6</td><td>RED - WHITE TRACER</td></tr> <tr><td>5</td><td>ORANGE "</td></tr> <tr><td>4</td><td>GREEN "</td></tr> <tr><td>3</td><td>RED - SOLID</td></tr> <tr><td>2</td><td>ORANGE - SOLID</td></tr> <tr><td>1</td><td>GREEN - SOLID</td></tr> </table>	7	COMMON WHITE	6	RED - BLACK TR.	5	ORANGE - SOLID	4	BLUE "	3	RED "	2	ORANGE "	1	GREEN "	10	COMMON WHITE	9	RED - BLUE TRACER	8	ORANGE "	7	GREEN "	6	RED - WHITE TRACER	5	ORANGE "	4	GREEN "	3	RED - SOLID	2	ORANGE - SOLID	1	GREEN - SOLID	<p>10 CONDUCTOR - 10 POINT STRIP</p> <table border="1"> <tr><td>10</td><td>COMMON WHITE</td></tr> <tr><td>9</td><td>RED - BLUE TRACER</td></tr> <tr><td>8</td><td>ORANGE "</td></tr> <tr><td>7</td><td>GREEN "</td></tr> <tr><td>6</td><td>RED - WHITE TRACER</td></tr> <tr><td>5</td><td>ORANGE "</td></tr> <tr><td>4</td><td>GREEN "</td></tr> <tr><td>3</td><td>RED - SOLID</td></tr> <tr><td>2</td><td>ORANGE - SOLID</td></tr> <tr><td>1</td><td>GREEN - SOLID</td></tr> </table>	10	COMMON WHITE	9	RED - BLUE TRACER	8	ORANGE "	7	GREEN "	6	RED - WHITE TRACER	5	ORANGE "	4	GREEN "	3	RED - SOLID	2	ORANGE - SOLID	1	GREEN - SOLID	<p>TRAFFIC CONTROL SIGNALS STEP WIRING LAYOUT</p> <p>CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</p> <p>REVISIONS: 1. 11-1-81 2. 11-1-81 3. 11-1-81 4. 11-1-81 5. 11-1-81 6. 11-1-81</p> <p>DATE: 11/9/84 DRAWN BY: [Signature] CHECKED BY: [Signature] APPROVED BY: [Signature]</p>
1-4	WH	RED/BLACK TR. COMMON																																																																																																																																			
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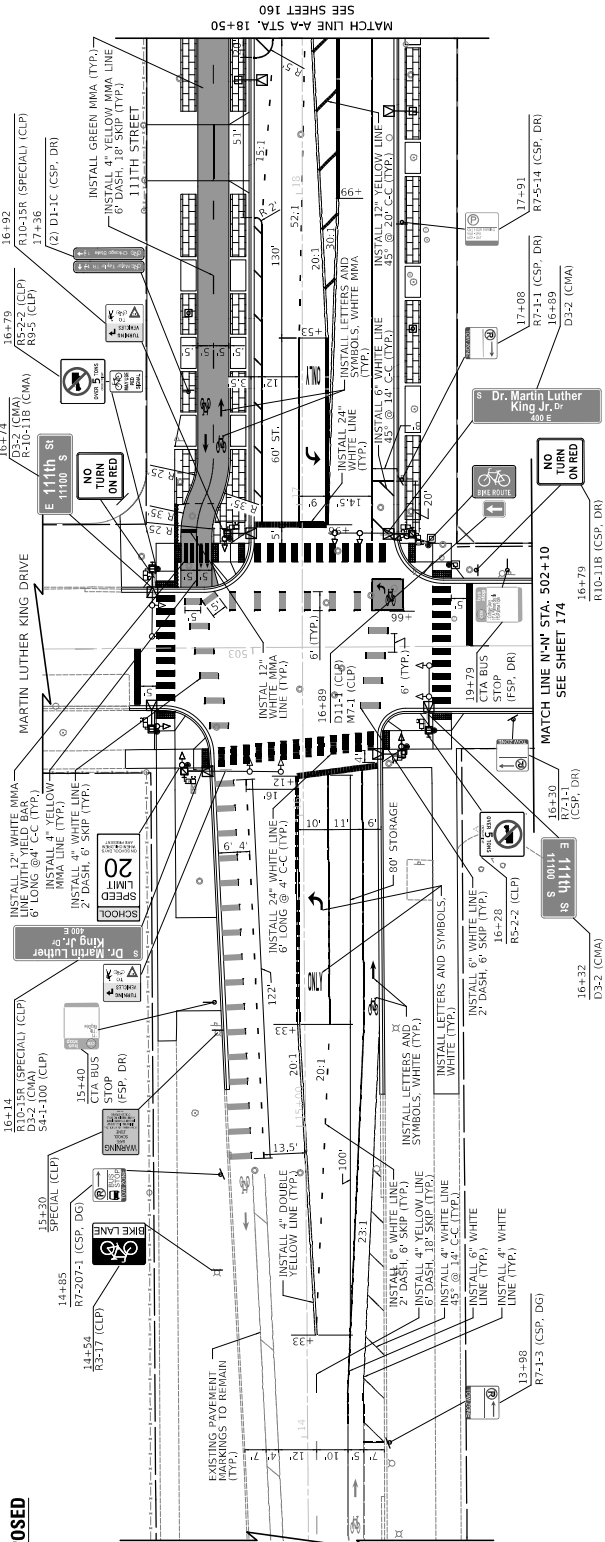
EXISTING



- NOTES**
- WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL MARKINGS, THE EXISTING MARKINGS SHALL BE REMOVED AND WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING. REMOVAL OF EXISTING PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.

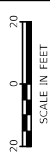
SEE SHEET 160
MATCH LINE A-A STA. 18+50

PROPOSED



- LEGEND**
- CSP = CENTER MOUNT SIGN POLE
 - FSP = FLAG MOUNT SIGN POLE
 - ELP = ELEC. MOUNT SIGN POLE
 - ELP = ELEC. MOUNT SIGN POLE
 - CMD = CENTER MOUNT VADUCT COLUMN
 - CMA = CENTER MOUNT MAST ARM
 - DG = NEW POLE, DIG METHOD
 - DR = NEW POLE, DRILL METHOD
- NOTES**
- SIGNAGE LOCATIONS AND MEANS OF DIRECTED BY THE ENGINEER.
 - ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 - PAVEMENT MARKINGS OTHER THAN STOP SIGNS TO BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS TO BE MOUNTED AT 90° ANGLE.
 - SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.
- CTA NOTES**
- CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA, AND CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED SIGN REVISIONS/CHANGES AND SIGN FABRICATION.

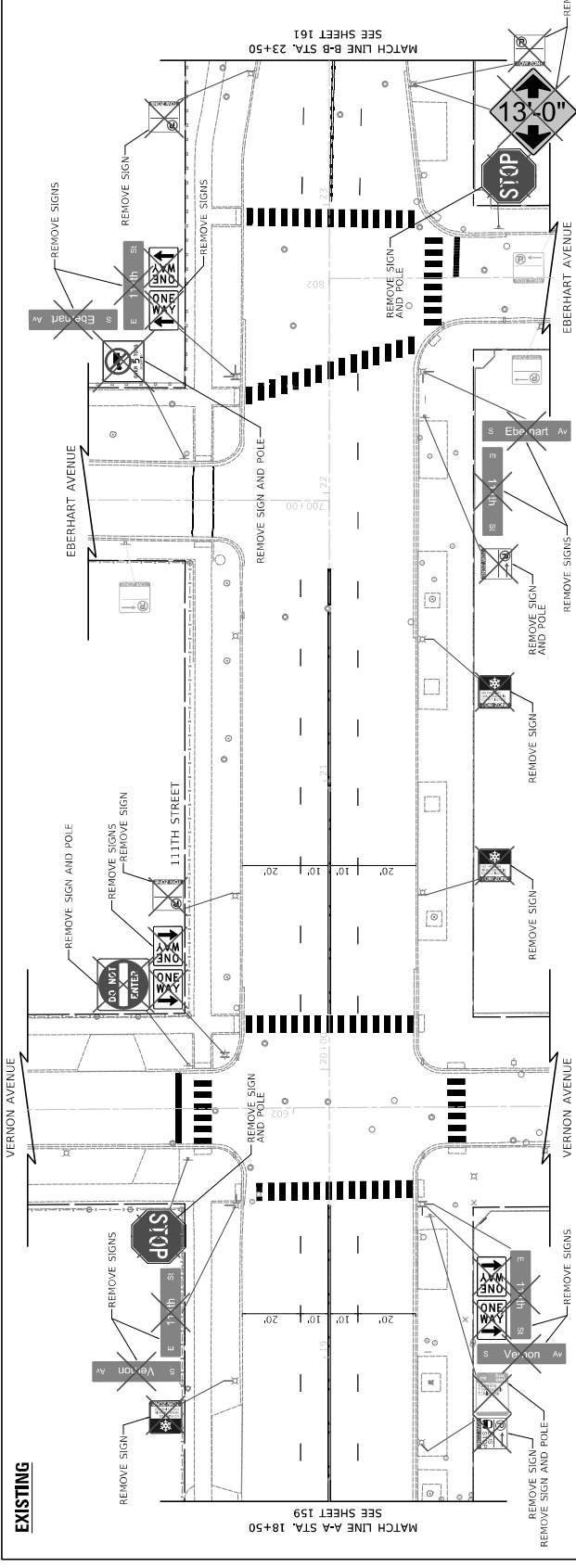
SEE SHEET 160
MATCH LINE A-A STA. 18+50



DRAWN: CUB	DATE: 10/27/2023	REVISION BY:	DESCRIPTION:
CHECKED: BJB			
APPROVED: MIF			
DATE: 10/27/2023			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS			
SCALE: 1/2"=10' SECTION NO.:		PROJECT NO.: 545451	
DRAWING NO.: PMK-01		SHEET NO.: 159	

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EXISTING



MATCH LINE A-A STA. 18+50
SEE SHEET 159

MATCH LINE B-B STA. 23+50
SEE SHEET 161

NOTES

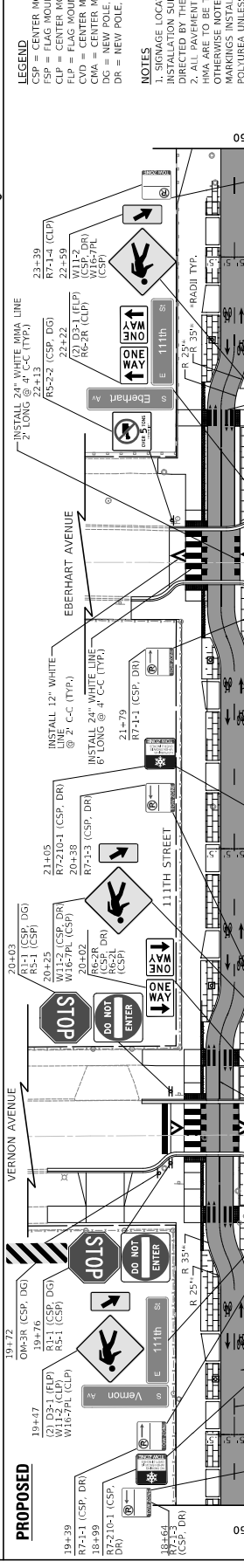
- WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL MARKINGS, THE EXISTING MARKINGS SHALL BE REMOVED AND WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING, REMOVAL OF EXISTING PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT CONSTITUTE A TRAFFIC HAZARD SHALL BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.

LEGEND

- CSP = CENTER MOUNT SIGN POLE
- FSP = FLAG MOUNT SIGN POLE
- FLP = FLAG MOUNT LOG POLE
- ELP = END LOG POLE
- CMD = CENTER MOUNT VADUUT COLUMN
- CMA = CENTER MOUNT MAST ARM
- DR = NEW POLE, DIG METHOD
- DG = NEW POLE, DRILL METHOD

NOTES

- SIGNAGE LOCATIONS AND MEANS OF INSTALLATION SHALL BE AS SHOWN AND CHANGE AS DIRECTED BY THE ENGINEER.
- ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- PAVING SIGNS OTHER THAN STOP SIGNS TO BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.
- CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED PAVING REVISIONS/CHANGES AND SIGN FABRICATION.

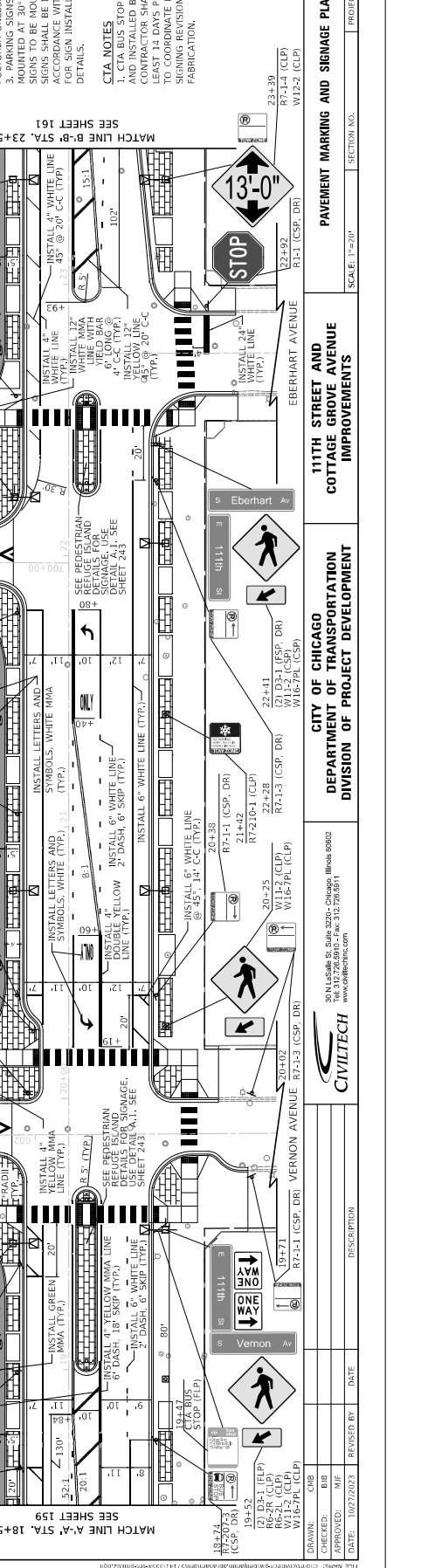


MATCH LINE A-A STA. 18+50
SEE SHEET 159

MATCH LINE B-B STA. 23+50
SEE SHEET 161

NOTES

- SIGNAGE LOCATIONS AND MEANS OF INSTALLATION SHALL BE AS SHOWN AND CHANGE AS DIRECTED BY THE ENGINEER.
- ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- PAVING SIGNS OTHER THAN STOP SIGNS TO BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.
- CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED PAVING REVISIONS/CHANGES AND SIGN FABRICATION.



MATCH LINE A-A STA. 18+50
SEE SHEET 159

MATCH LINE B-B STA. 23+50
SEE SHEET 161

DATE	REVISION BY	DATE	DESCRIPTION
10/27/2023	MB		
	CHB		

DRAWN:	CHB	PROJECT NO.:	545451
CHECKED:	MB	SECTION NO.:	
APPROVED:	MB	SCALE:	1"=20'
DATE:	10/27/2023		

DRAWING NO.:	PMK-02	SECTION NO.:	
SHEET NO.:	160	PROJECT NO.:	545451

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

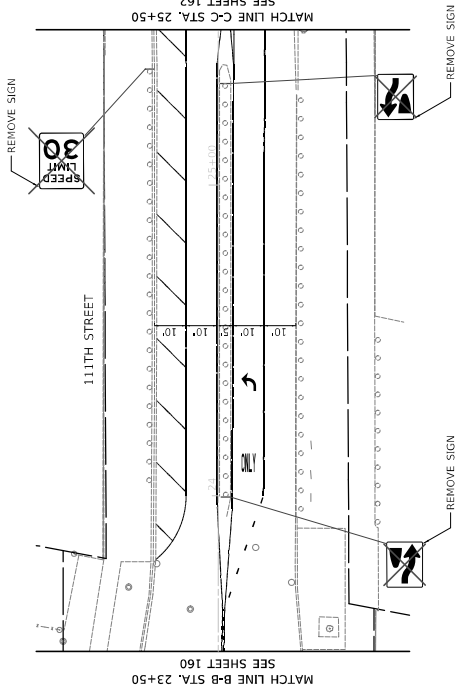
30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602
Tel: 312.726.5919 | Fax: 312.726.8571
www.chicago.gov

CIVILTECH

EXISTING

NOTES

- 1. WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING. REMOVAL OF EXISTING PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT CONFLICT WITH THE PROPOSED MAINTENANCE SHALL BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.



PROPOSED

LEGEND

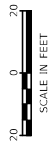
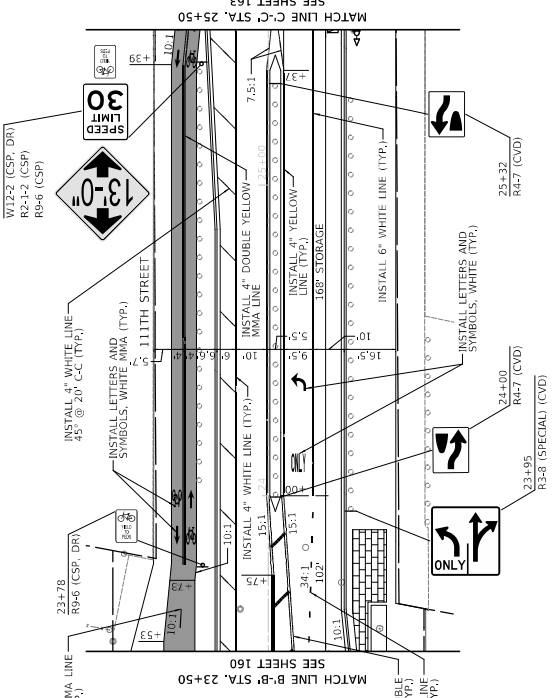
- CSP = CENTER MOUNT SIGN POLE
- FSP = FLAG MOUNT SIGN POLE
- CFP = CENTER MOUNT FLAG POLE
- EFP = END MOUNT FLAG POLE
- CMD = CENTER MOUNT DRUM
- CMA = CENTER MOUNT MAINT ARM
- DG = NEW POLE, DIG METHOD
- DR = NEW POLE, DRILL METHOD

NOTES

- 1. SIGNAGE LOCATIONS AND MEANS OF SIGNAGE SHALL BE AS SHOWN AND SHALL BE CHANGED AS DIRECTED BY THE ENGINEER.
- 2. ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- 3. PAVEMENT MARKINGS OTHER THAN STOP SIGNS SHALL BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS TO BE MOUNTED AT 90° ANGLE.
- 4. SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.

CTA NOTES

- 1. CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED PAVING REVISIONS/CHANGES AND SIGN FABRICATION.

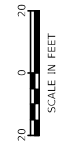
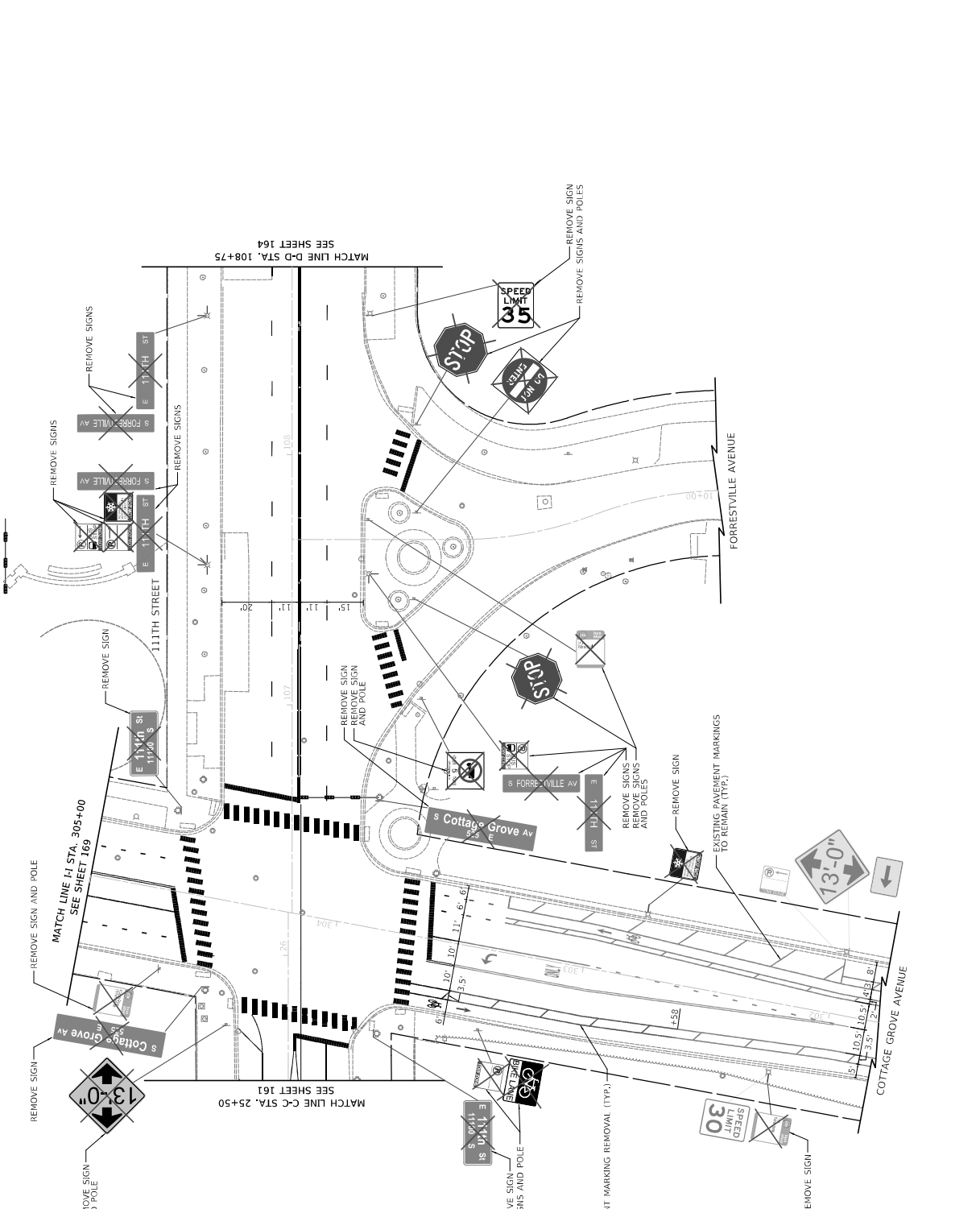


DRAWN: CUB					
CHECKED: BJB					
APPROVED: M/F					
DATE: 10/27/2023					
REVISION BY:	DATE:				
<p>30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.9900 - Fax: 312.726.8571 www.civiltech.com</p>		CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	PAVEMENT MARKING AND SIGNAGE PLAN	DRAWING NO. PMK-03 SHEET NO. 181
		SECTION NO.			
		PROJECT NO. 545451			

EXISTING

NOTES

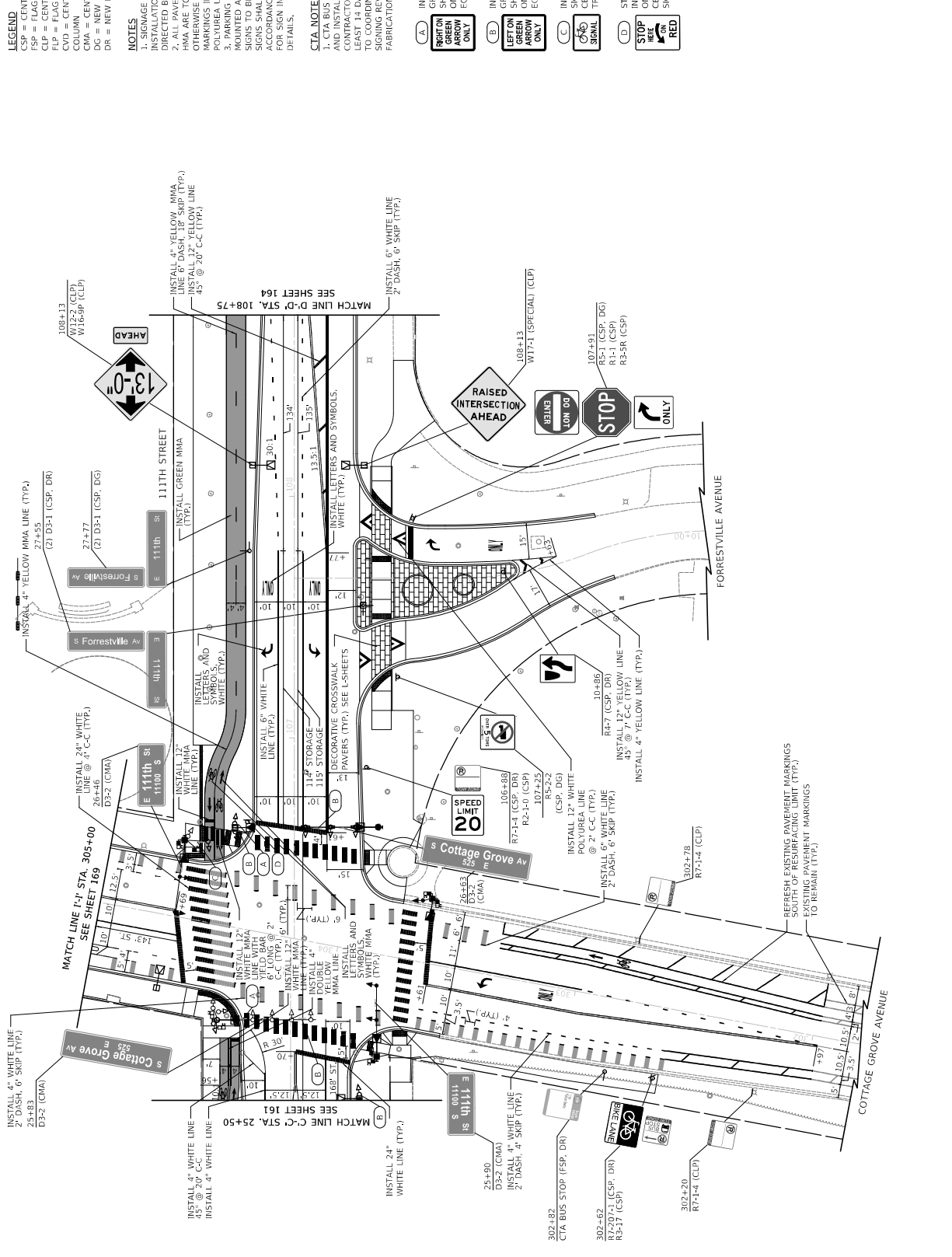
- WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL MARKINGS, EXISTING MARKINGS SHALL BE REMOVED AND WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING, REMOVAL OF EXISTING PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT REQUIRE PATCHING SHALL BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.



DRAWN: CUB	DESCRIPTION	DATE	REVISED BY	DATE	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	PAVEMENT MARKING AND SIGNAGE PLAN	DRAWING NO. PMK-09A SHEET NO. 162
CHECKED: BJB								
APPROVED: MIF								
DATE: 10/27/2023								
30 N LaSalle St., Suite 3200 - Chicago, Illinois 60602 Tel: 312.726.5910 Fax: 312.726.8571 www.civiltech.com	PROJECT NO. S-0451 SECTION NO.		SCALE: 1"=50'					



PROPOSED



LEGEND

CSP = CENTER MOUNT SIGN POLE
 FSP = FLAG MOUNT SIGN POLE
 CLP = CENTER MOUNT LIGHT POLE
 CFP = CENTER MOUNT FLAG POLE
 CVO = CENTER MOUNT VERTICAL COLUMN
 CMA = CENTER MOUNT MAST ARM
 DR = NEW POLE, DRILL METHOD

NOTES

1. SIGNAGE LOCATIONS AND MEANS OF INSTALLATION SHALL BE AS DIRECTED BY THE ENGINEER.
2. ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
3. PAVEMENT MARKINGS TO BE INSTALLED ON PCC SHALL BE MARKED AT 30° ANGLE. ALL OTHER MARKINGS SHALL BE MARKED AT 90° ANGLE.
4. SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.

CTA NOTES

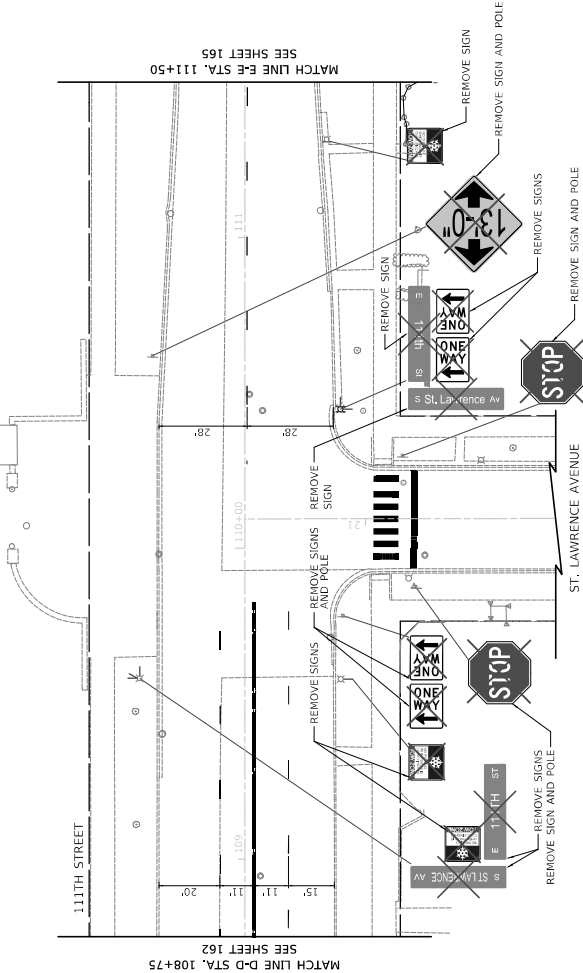
1. CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED WORK REVISIONS/CHANGES AND SIGN FABRICATION.

- A** INSTALL R10-3A: "RIGHT ON GREEN ARROW ONLY" SIGNS SHALL BE CENTER MOUNTED ON TRAFFIC SIGNAL EQUIPMENT.
- B** INSTALL R10-5: "LEFT ON GREEN ARROW ONLY" SIGNS SHALL BE CENTER MOUNTED ON TRAFFIC SIGNAL EQUIPMENT.
- C** INSTALL R10-10B: "BIKE SIGNAL" SIGNS SHALL BE CENTER MOUNTED ON TRAFFIC SIGNAL EQUIPMENT.
- D** STA 106+46: "STOP ON RED" SIGNS SHALL BE CENTER MOUNTED ON NEW SIGN POLE, DIG METHOD



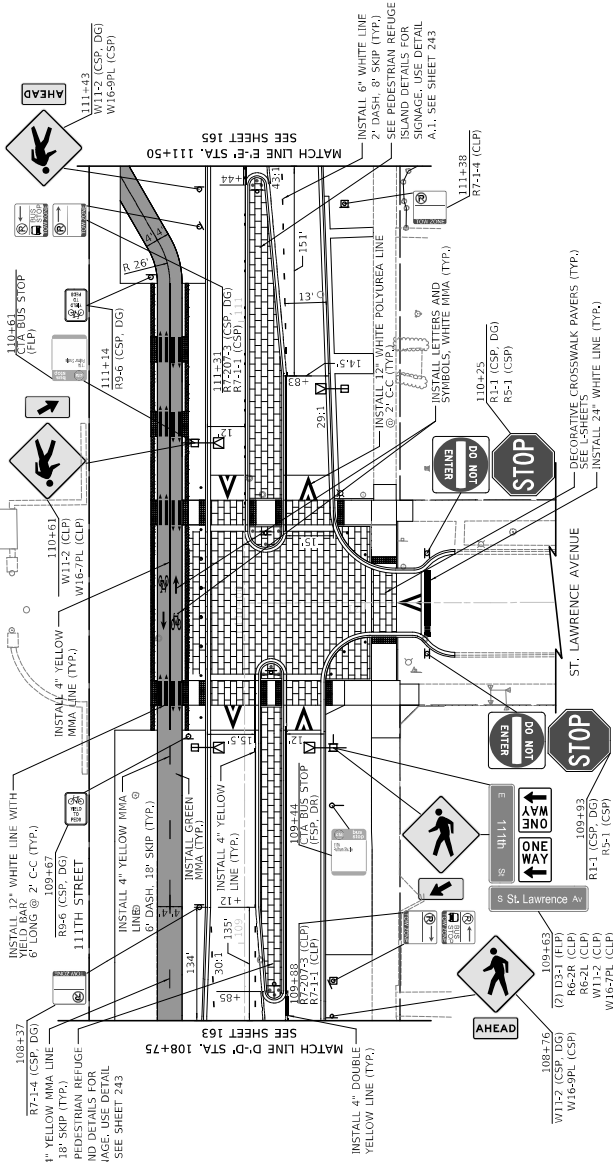
DRAWN: CUB	REVISION BY:	DATE:	DESCRIPTION:
CHECKED: B/B	REVISION BY:	DATE:	DESCRIPTION:
APPROVED: M/F	REVISION BY:	DATE:	DESCRIPTION:
DATE: 10/27/2023	REVISION BY:	DATE:	DESCRIPTION:

EXISTING



NOTES
 1. WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL, EXISTING MARKINGS SHALL BE REMOVED AND WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING, REMOVAL OF EXISTING PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT CONFLICT WITH THE PROPOSED MAINTENANCE SHALL BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.

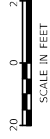
PROPOSED



LEGEND
 CSP = CENTER MOUNT SIGN POLE
 FSP = FLAG MOUNT SIGN POLE
 ELP = ELEC. LOG POLE
 WLP = WOOD LOG POLE
 CVD = CENTER MOUNT VADUCT COLUMN
 CMA = CENTER MOUNT MAST ARM
 DG = NEW POLE, DIG METHOD
 DR = NEW POLE, DRILL METHOD

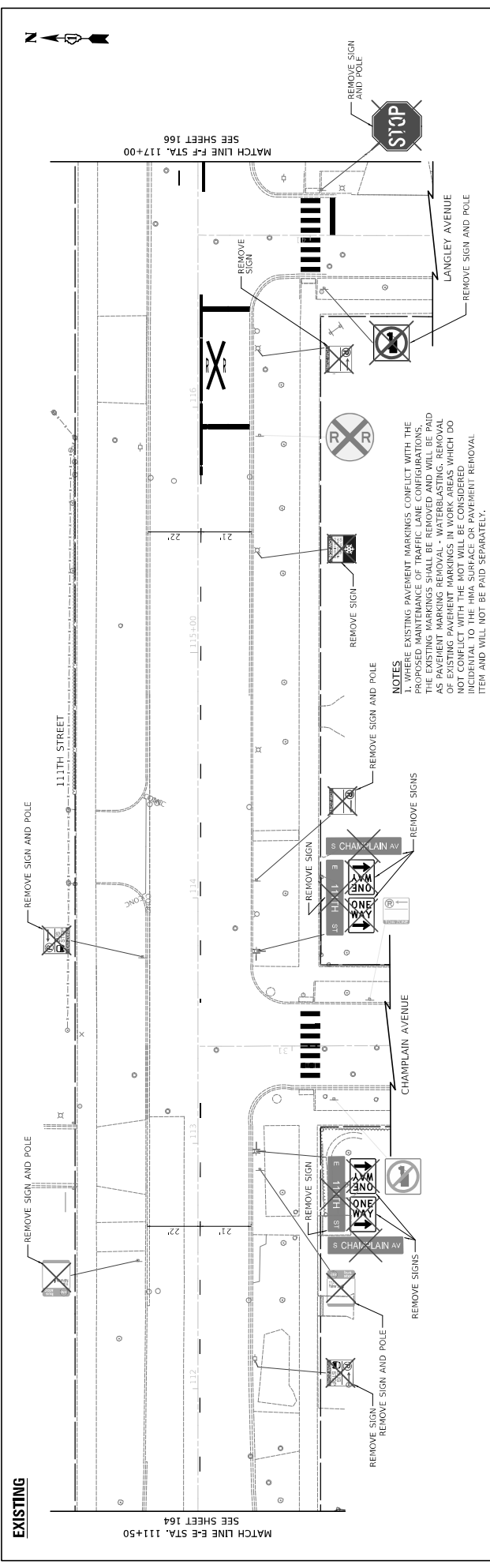
NOTES
 1. SIGNAGE LOCATIONS AND MEANS OF INSTALLATION SHALL BE AS DIRECTED BY THE ENGINEER.
 2. ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON RCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 3. MARKING SIGNS OTHER THAN STOP SIGNS SHALL BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.

CTA NOTES
 1. CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED SIGN REVISIONS/CHANGES AND SIGN FABRICATION.



DRAWN: CUB	DATE:	DESCRIPTION:	PROJECT NO. 545451
CHECKED: B/B	REVISED BY:		SECTION NO.
APPROVED: M/F	DATE: 10/27/2023		SCALE: 1"=20'
			111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
			PAVEMENT MARKING AND SIGNAGE PLAN
			DRAWING NO. PMK-05
			SHEET NO. 164

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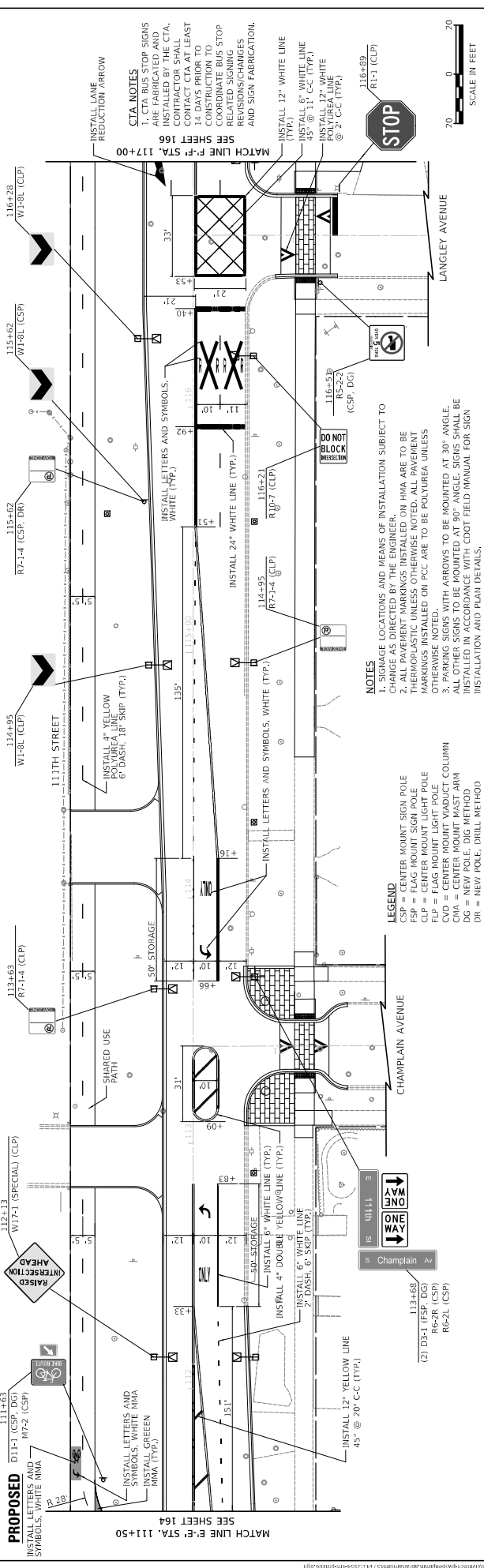


EXISTING

MATCH LINE E-E STA. 111+50
SEE SHEET 164

MATCH LINE F-F STA. 117+00
SEE SHEET 166

NOTES
1. WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC LANE CONFIGURATIONS, THE EXISTING MARKINGS SHALL BE REMOVED AND REPLACED AS NECESSARY. PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT CONFLICT WITH THE MOT WILL BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.



PROPOSED

MATCH LINE E-E STA. 111+50
SEE SHEET 164

MATCH LINE F-F STA. 117+00
SEE SHEET 166

CTA NOTES
1. CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 10 BUSINESS DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED SIGNING REVISIONS/CHANGES AND SIGN FABRICATION.

NOTES
1. SIGNAGE LOCATIONS AND MEANS OF INSTALLATION SUBJECT TO CHANGE AS DIRECTED BY THE ENGINEER.
2. ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE HERMETIC-PLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE POLYUREA UNLESS OTHERWISE NOTED.
3. PARKING SIGNS WITH ARROWS TO BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS TO BE MOUNTED AT 90° ANGLE. SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.

LEGEND
CSP = CENTER MOUNT SIGN POLE
FLP = FLAG MOUNT SIGN POLE
CVP = CENTER MOUNT VIADUCT COLUMN
CMA = CENTER MOUNT MAST ARM
DR = NEW POLE, DRILL METHOD

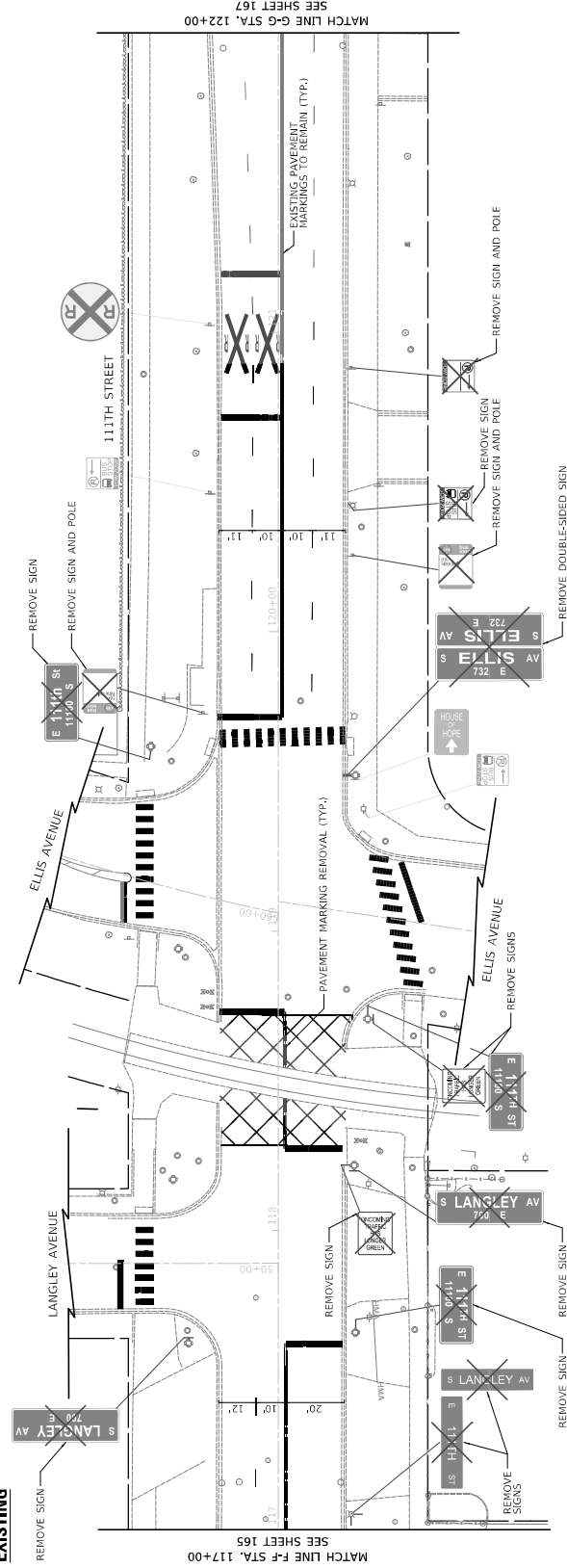
DRAWN: CHB	REVISION BY:	DATE:	DESCRIPTION:
CHECKED: BFB	REVISION BY:	DATE:	DESCRIPTION:
APPROVED: MIF	REVISION BY:	DATE:	DESCRIPTION:
DATE: 10/27/2023	REVISION BY:	DATE:	DESCRIPTION:
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS			
PAVEMENT MARKING AND SIGNAGE PLAN			
PROJECT NO. 545451			DRAWING NO. PMK-06
SECTION NO.			SHEET NO. 165
SCALE: 1"=20'			



NOTES

- WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL MARKINGS, EXISTING MARKINGS SHALL BE REMOVED AND WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING, REMOVAL OF EXISTING PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.

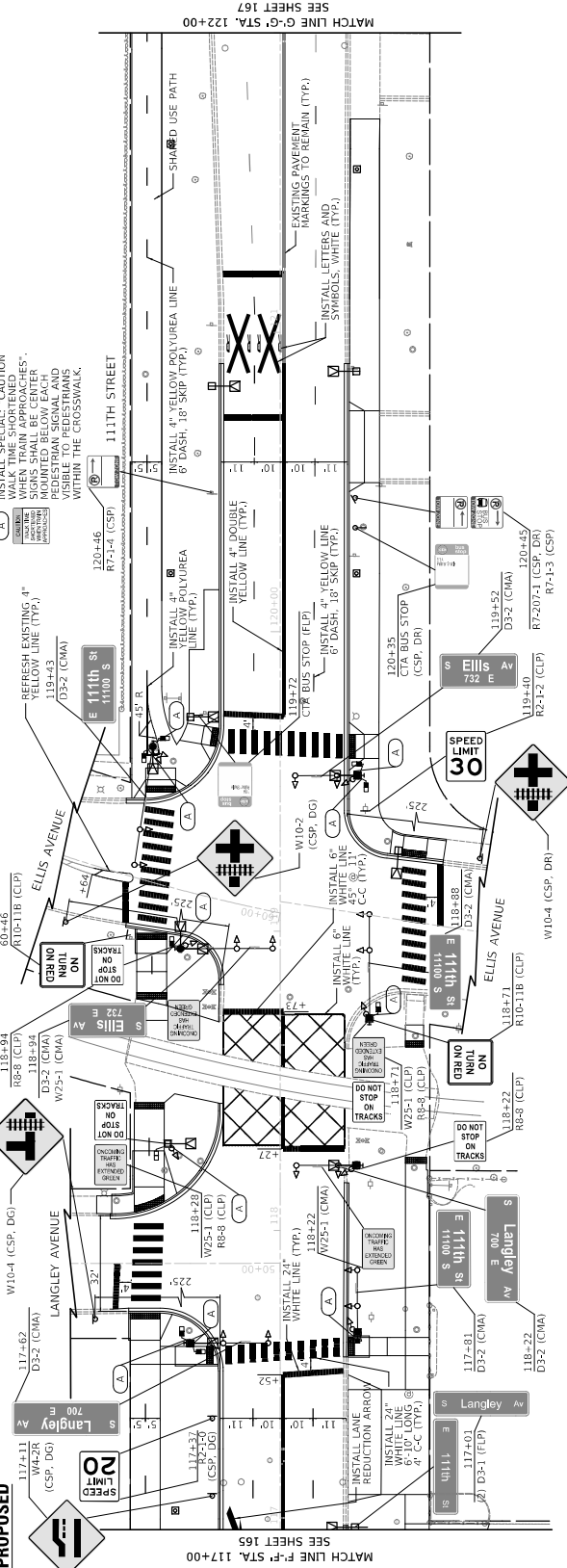
EXISTING



LEGEND

- CSP = CENTER MOUNT SIGN POLE
- FSP = FLAG MOUNT SIGN POLE
- EFC = FLAG MOUNT SIGN POLE
- FLP = FLAG MOUNT SIGN POLE
- CMD = CENTER MOUNT MAST ARM
- CGM = CENTER MOUNT MAST ARM
- DC = NEW POLE, DIG METHOD
- DR = NEW POLE, DRILL METHOD

PROPOSED

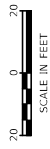


NOTES

- SIGNAGE LOCATIONS AND MESSAGES SHALL BE DETERMINED BY THE ENGINEER.
- ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- PAVING SIGNS OTHER THAN STOP SIGNS SHALL BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.

CTA NOTES

- CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED WORK. REVISIONS/CHANGES AND SIGN FABRICATION.



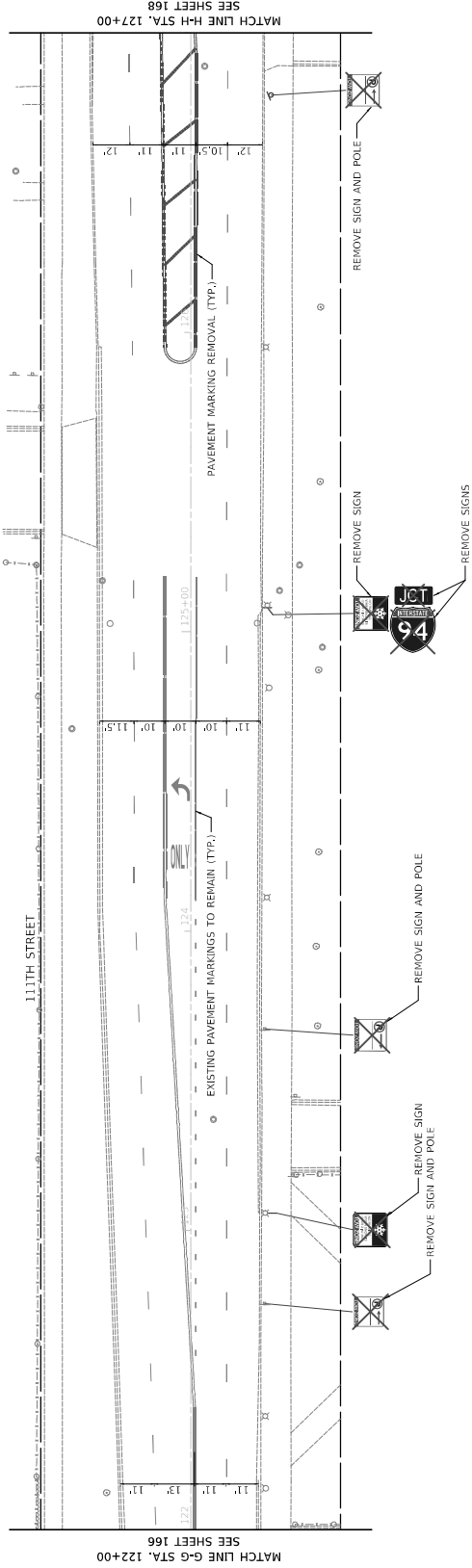
DRAWN: CUB	DATE: 10/27/2023	REVISION BY:	DESCRIPTION:
CHECKED: BJB	DATE:	REVISION BY:	DESCRIPTION:
APPROVED: MIF	DATE:	REVISION BY:	DESCRIPTION:
DATE: 10/27/2023	DATE:	REVISION BY:	DESCRIPTION:
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			
1111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS			
PAVEMENT MARKING AND SIGNAGE PLAN			
DRAWING NO. PMK-07		SECTION NO. 11-20P	
SHEET NO. 165		PROJECT NO. 545451	

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 www.cityofchicago.org

EXISTING

NOTES

- WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL MARKINGS, EXISTING MARKINGS SHALL BE REMOVED AND REPLACED WITH PROPOSED MARKINGS. REMOVAL OF EXISTING PAVEMENT MARKINGS WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING. REMOVAL OF EXISTING PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.



PROPOSED

LEGEND

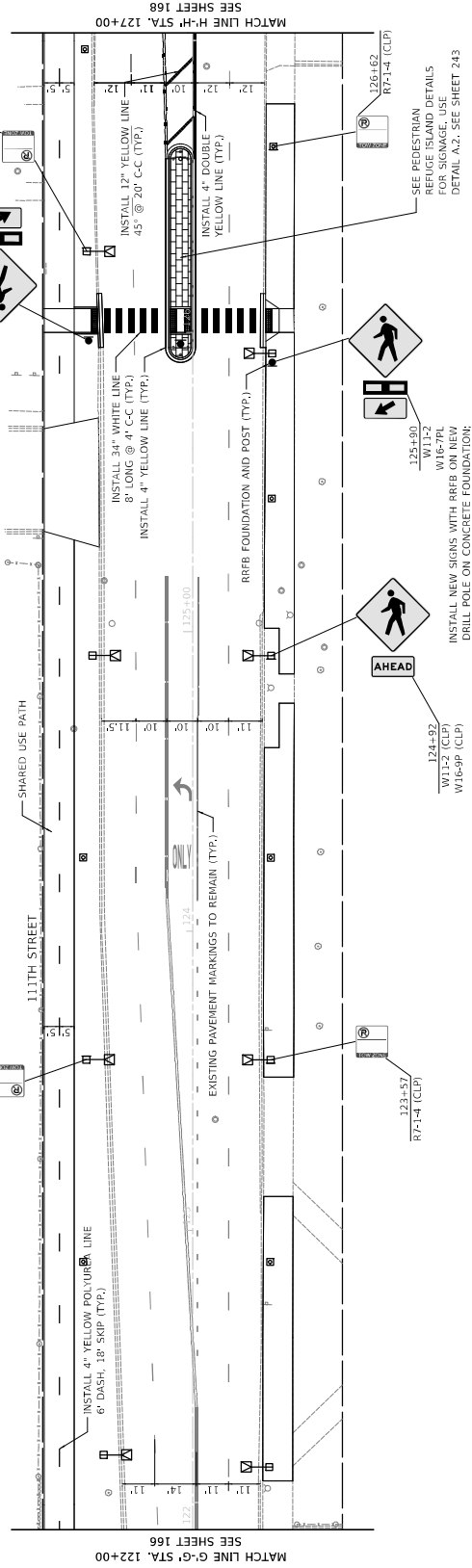
- CSP = CENTER MOUNT SIGN POLE
- FSP = FLAG MOUNT SIGN POLE
- ELP = END MOUNT SIGN POLE
- CLP = CENTER MOUNT SIGN POLE
- CMA = CENTER MOUNT MAST ARM
- CG = CENTER MOUNT SIGN COLUMN
- DR = NEW POLE, DRILL METHOD

NOTES

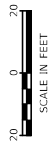
- SIGNAGE LOCATIONS AND MEANS OF INSTALLATION SHALL BE AS SHOWN AND SHALL BE CHANGED AS DIRECTED BY THE ENGINEER.
- ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- PAVEMENT MARKINGS OTHER THAN STOP SIGNS TO BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS TO BE MOUNTED AT 90° ANGLE.
- STOP SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.

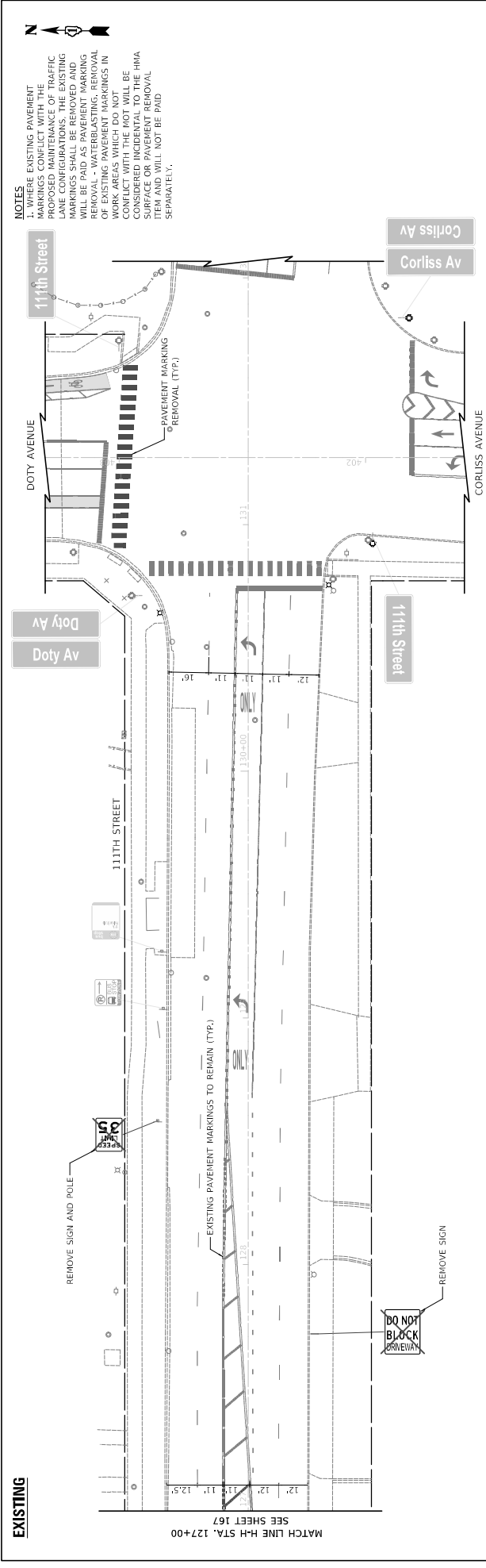
CTA NOTES

- CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED MARKING REVISIONS/CHANGES AND SIGN FABRICATION.



DRAWN: CUB	CHECKED: BJB	APPROVED: MIF	DATE: 10/27/2023	REVISED BY:	DATE:	DESCRIPTION:
<p>30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5910 • Fax: 312.726.8571 www.civiltech.com</p>						
<p>CIVILTECH</p>				<p>CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</p>		
<p>111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS</p>				<p>PAVEMENT MARKING AND SIGNAGE PLAN</p>		
<p>SCALE: 1"=20'</p>				<p>SECTION NO.</p>		
<p>PROJECT NO. S-5451</p>				<p>DRAWING NO. PMK-08</p>		
<p>SHEET NO. 167</p>				<p>SHEET NO. 167</p>		

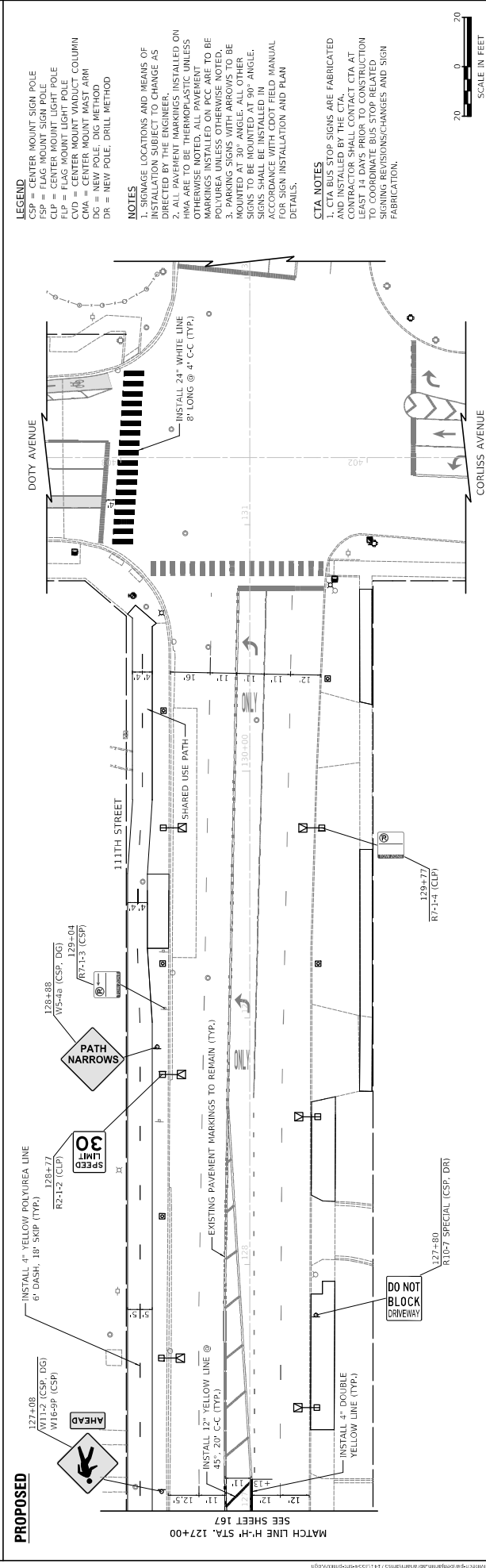




EXISTING

- NOTES**
- WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING, REMOVAL OF EXISTING PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.

MATCH LINE H-H STA. 127+00
SEE SHEET 167



PROPOSED

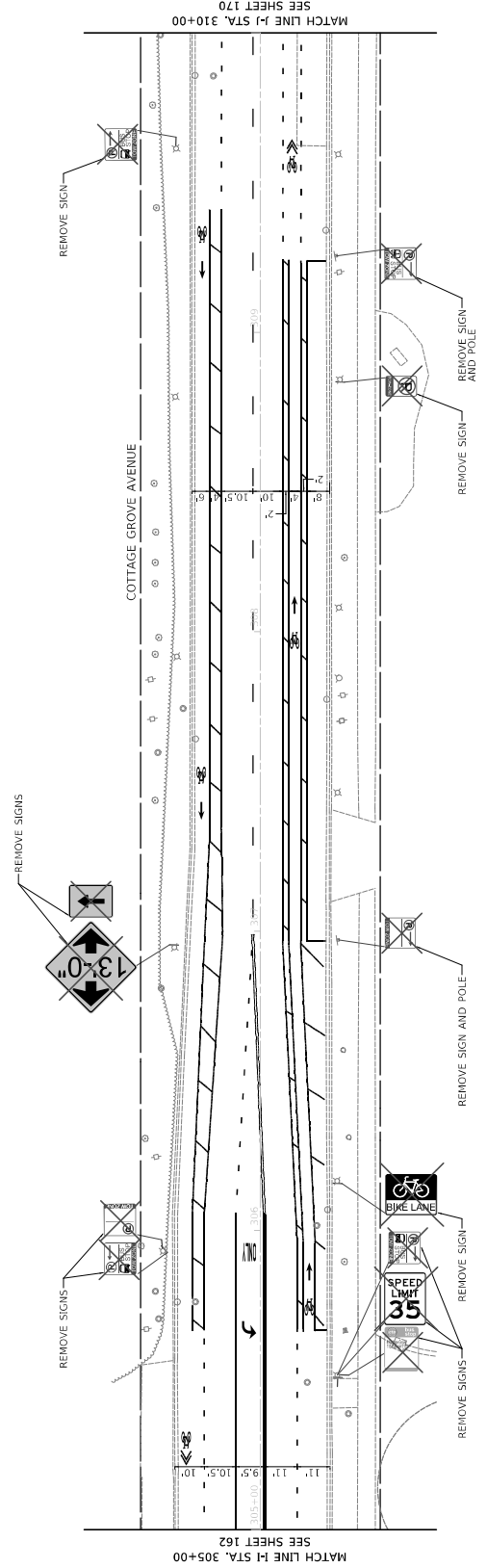
- LEGEND**
- CSP = CENTER MOUNT SIGN POLE
 - FSP = FLAG MOUNT SIGN POLE
 - ECP = ELECTRIC MOUNT SIGN POLE
 - CLP = CANTILEVER MOUNT SIGN POLE
 - CVD = CENTER MOUNT VADUCT COLUMN
 - CMA = CENTER MOUNT MAST ARM
 - DG = NEW POLE, DIG METHOD
 - DR = NEW POLE, DRILL METHOD
- NOTES**
- SIGNAGE LOCATIONS AND MEANS OF SIGNAGE SHALL BE AS SHOWN AND CHANGE AS DIRECTED BY THE ENGINEER.
 - ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 - PAVING SIGNS OTHER THAN STOP SIGNS TO BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS TO BE MOUNTED AT 90° ANGLE.
 - SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.
- CTA NOTES**
- CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED SIGNING REVISIONS/CHANGES AND SIGN FABRICATION.

MATCH LINE H-H STA. 127+00
SEE SHEET 167

DRAWING NO. PMK-09		SECTION NO. SCALE: 1"=20'	PROJECT NO. 545451
SHEET NO. 168			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5910 • Fax: 312.726.8571 www.chicago.gov		CYLITECH www.cylitech.com	
DRAWN: CMB	CHECKED: BJB	APPROVED: M/F	DATE: 10/27/2023
REVISED BY:	REVISION:	DATE:	DESCRIPTION:

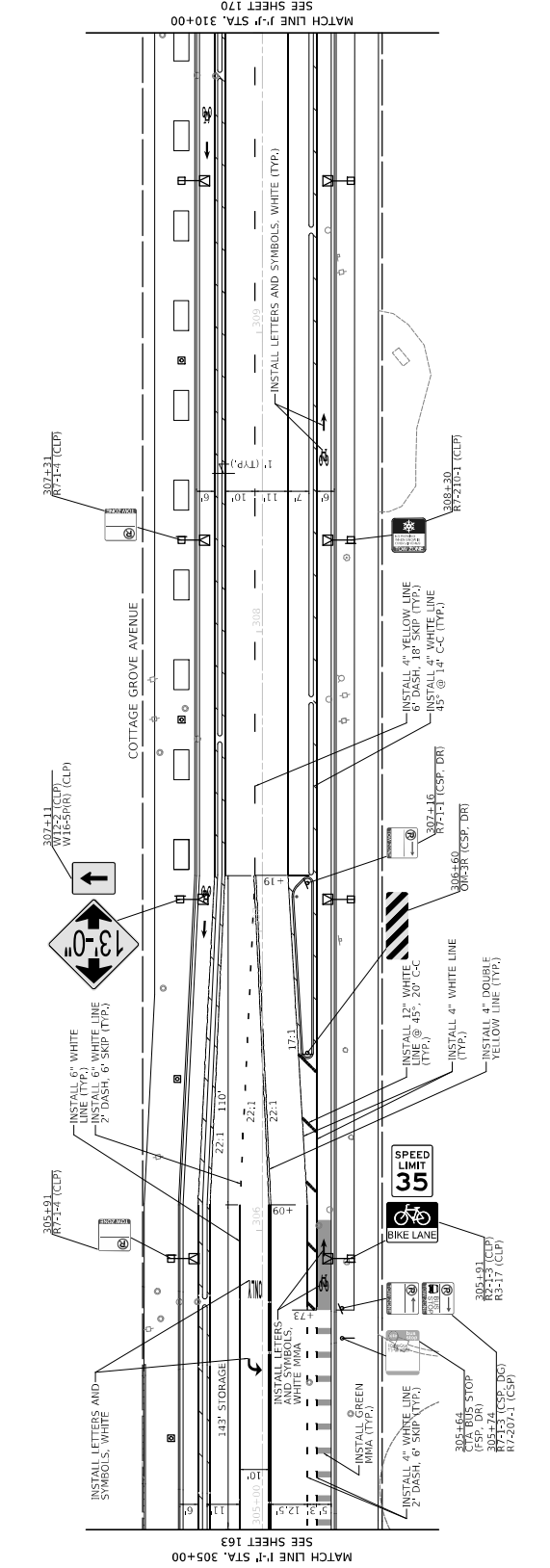
SCALE IN FEET
20 0 20

EXISTING



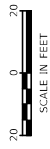
- NOTES**
- WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED TRAFFIC LANE CONFIGURATIONS, THE EXISTING MARKINGS SHALL BE REMOVED AND WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING, REMOVAL OF EXISTING PAVEMENT MARKINGS IN CONNECTION WITH THE PROJECT SHALL BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.

PROPOSED



- LEGEND**
- CSP = CENTER MOUNT SIGN POLE
 - FSP = FLAG MOUNT SIGN POLE
 - FLP = FLAG MOUNT SIGN POLE WITH LIGHT
 - CLP = CENTER MOUNT SIGN POLE WITH LIGHT
 - CVD = CENTER MOUNT VADUCT COLUMN
 - CMA = CENTER MOUNT MAST ARM
 - DG = NEW POLE, DIG METHOD
 - DR = NEW POLE, DRILL METHOD
- NOTES**
- SIGNAGE LOCATIONS AND MEANS OF INSTALLATION SHALL BE AS DIRECTED BY THE ENGINEER.
 - ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 - PAVING SIGNS OTHER THAN STOP SIGNS TO BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.

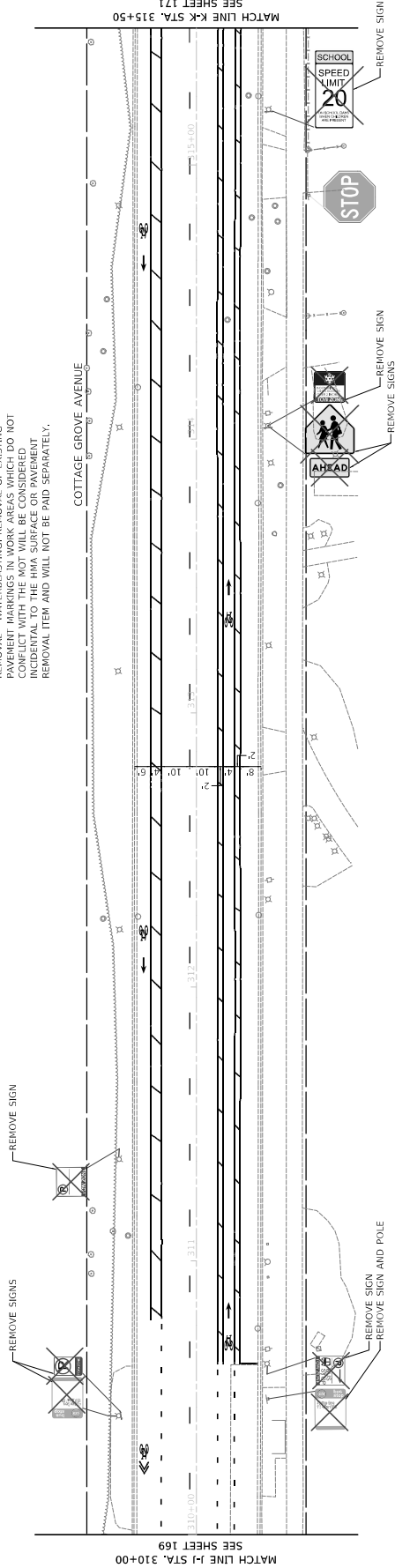
- CTA NOTES**
- CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED PAVING REVISIONS/CHANGES AND SIGN FABRICATION.



DRAWN: CHB	DESCRIPTION:	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	SECTION NO.:	PROJECT NO. 50451	DRAWING NO. PMK-10
CHECKED: BJB	DATE:	30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5916 - Fax: 312.726.8571 www.cta.chicago.gov	SCALE: 1"=20'	11TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	SHEET NO. 169
APPROVED: MIF	REVISIONS:				
DATE: 10/27/2023	REVIEWED BY:				

EXISTING

- NOTES**
- WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH PROPOSED PAVEMENT MARKINGS, THE EXISTING MARKINGS SHALL BE REMOVED AND WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING. REMOVAL OF EXISTING PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT CONFLICT WITH THE MOT WILL BE CONSIDERED INCIDENTAL TO THE MMA SURFACE AND SHALL BE REMOVED ITEM AND WILL NOT BE PAID SEPARATELY.



MATCH LINE J-J STA. 310+00
SEE SHEET 169

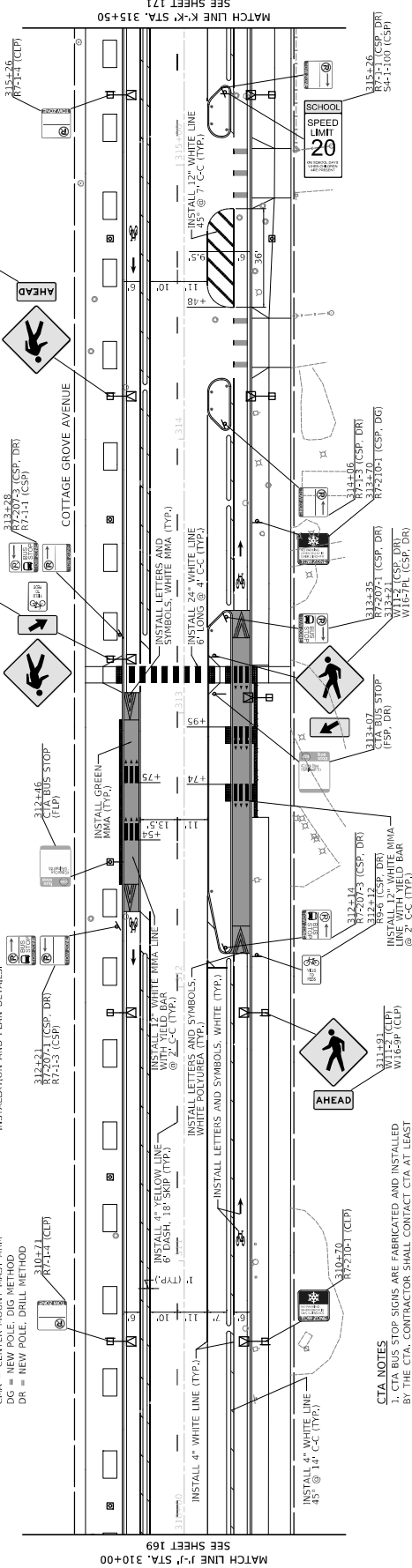
MATCH LINE K-K STA. 315+50
SEE SHEET 171



PROPOSED

- LEGEND**
- CS = CENTER MOUNT SIGN POLE
 - CSP = CENTER MOUNT SIGN POLE
 - CLP = CENTER MOUNT LIGHT POLE
 - FLP = FLAG MOUNT LIGHT POLE
 - CVD = CENTER MOUNT VIADUCT COLUMN
 - CHA = CENTER MOUNT MAST ARM
 - DN = NEW POLE, DRILL METHOD

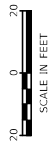
- NOTES**
- SIGNAGE LOCATIONS AND MEANS OF INSTALLATION SUBJECT TO CHANGE AS DIRECTED BY THE ENGINEER.
 - ALL PAVEMENT MARKINGS INSTALLED ON RCC ARE TO BE TYPUREA UNLESS OTHERWISE NOTED.
 - ALL PAVEMENT MARKINGS INSTALLED ON POLYUREA UNLESS OTHERWISE NOTED.
 - PARKING SIGNS WITH ARROWS TO BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS TO BE MOUNTED AT 90° ANGLE. SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.



MATCH LINE J-J STA. 310+00
SEE SHEET 169

MATCH LINE K-K STA. 315+50
SEE SHEET 171

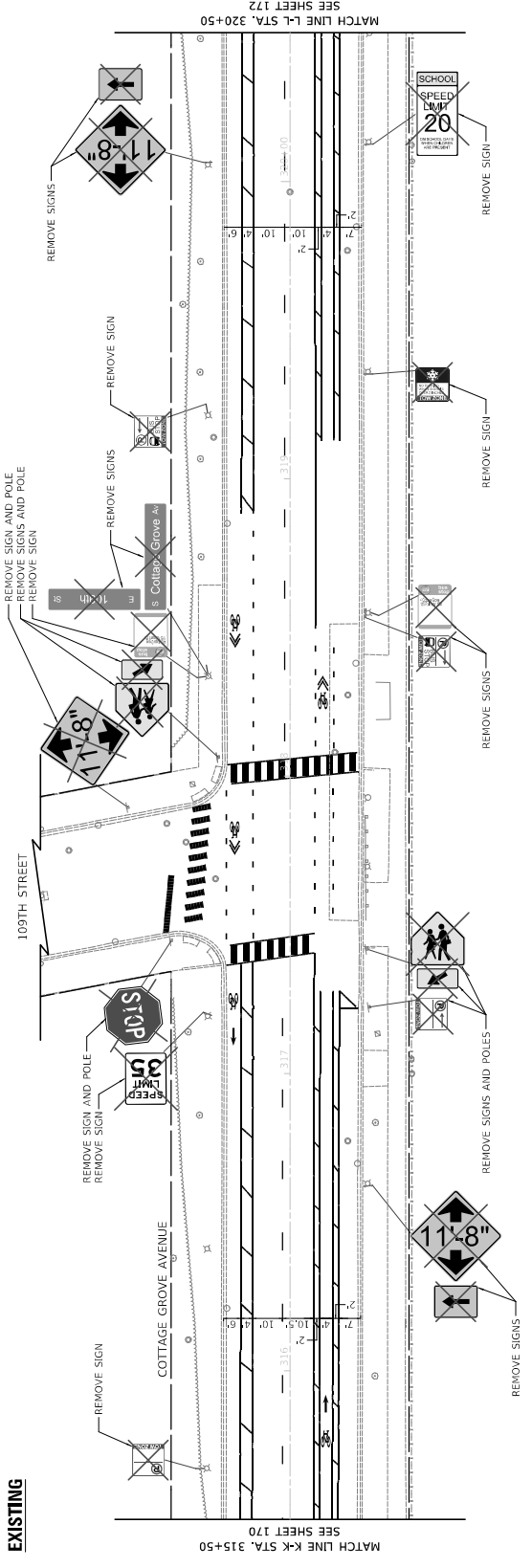
- CITA NOTES**
- CITA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CITA. CONTRACTOR SHALL CONTACT CITA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED SIGNING REVISIONS/CHANGES AND SIGN FABRICATION.



DRAWN: CUB	SECTION NO. 545451	PROJECT NO. 545451	DRAWING NO. PMK-11
CHECKED: BJB	SCALE: 1"=20'	SECTION NO. 545451	SHEET NO. 170
APPROVED: MIF			
DATE: 10/27/2023			
REVISION BY:			
DATE:			
DESCRIPTION:			
30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.8900 - Fax: 312.726.8911 www.civiltech.com			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS			
PAVEMENT MARKING AND SIGNAGE PLAN			



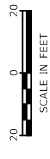
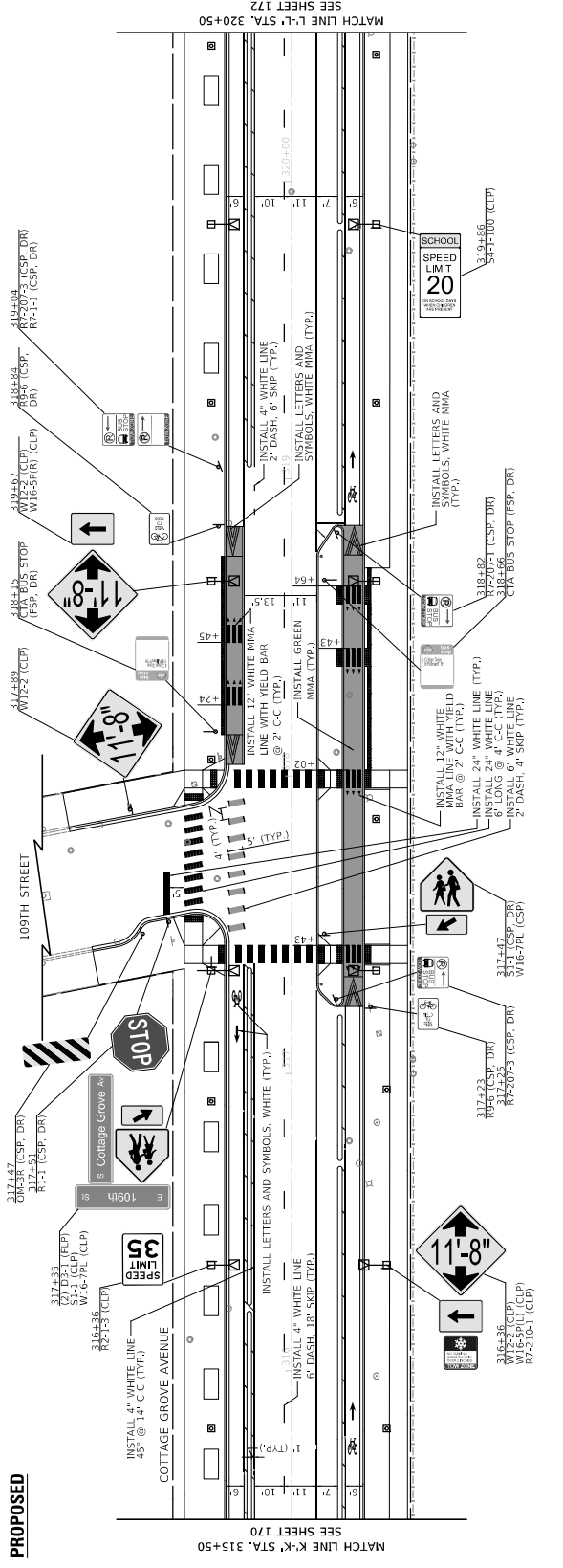
NOTES
 1. WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED OR BEST PRACTICE PAVEMENT MARKING CONFIGURATIONS, THE EXISTING MARKINGS SHALL BE REMOVED AND REPLACED AS PAVEMENT MARKING REMOVAL - WATERBLASTING, REMOVAL OF EXISTING PAVEMENT MARKINGS IN CONNECTION WITH ANY OTHER ITEM WILL BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.



LEGEND
 CSP = CENTER MOUNT SIGN POLE
 FSP = FLAG MOUNT SIGN POLE
 ELP = END MOUNT SIGN POLE
 CLP = CENTER MOUNT LIGHT POLE
 CVD = CENTER MOUNT VADUCT COLUMN
 CMA = CENTER MOUNT MAST ARM
 DG = NEW POLE, DIG METHOD
 DR = NEW POLE, DRILL METHOD

NOTES
 1. SIGNAGE LOCATIONS AND MEANS OF INSTALLATION SHALL BE AS SHOWN ON THESE PLANS UNLESS DIRECTED BY THE ENGINEER.
 2. ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE PAINT.
 3. PAVEMENT MARKINGS OTHER THAN THOSE BEING INSTALLED ON THIS PROJECT SHALL BE MOUNTED AT 30° ANGLE. ALL OTHER MARKINGS SHALL BE MOUNTED AT 90° ANGLE. SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.

CTA NOTES
 1. CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED PAVING REVISIONS/CHANGES AND SIGN FABRICATION.

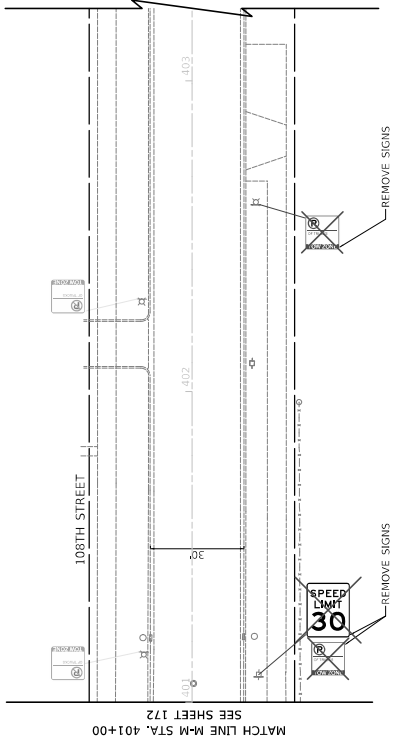


DRAWING NO. PMK-12			SECTION NO.			PROJECT NO. 50451		
SHEET NO. 171			PAVEMENT MARKING AND SIGNAGE PLAN					
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS			SCALE: 1"=20'		
DRAWN: CMB	CHECKED: B/B	APPROVED: M/F	DATE: 10/27/2023	REVISED BY:	DATE:	DESCRIPTION:		
30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5939 - Fax: 312.726.8571 www.chicago.gov								



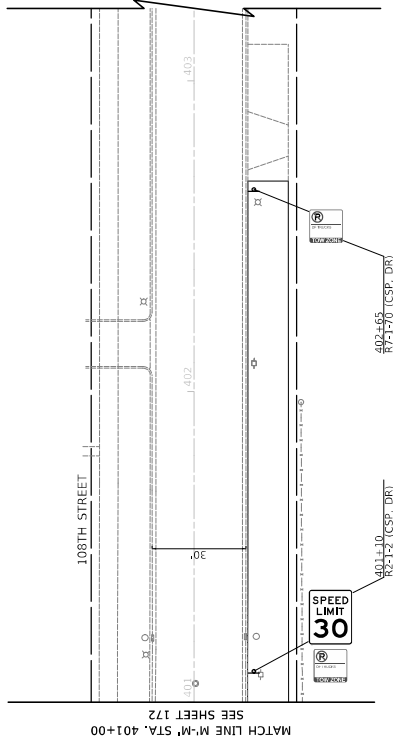
NOTES

- 1. WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL MARKINGS, ALL EXISTING MARKINGS SHALL BE REMOVED AND WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING, REMOVAL OF EXISTING PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL MARKINGS SHALL BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.



EXISTING

PROPOSED



LEGEND

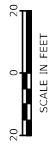
- CSP = CENTER MOUNT SIGN POLE
- FSP = FLAG MOUNT SIGN POLE
- CFP = CENTER MOUNT FLAG POLE
- FLP = FLAG MOUNT FLAG POLE
- CVD = CENTER MOUNT VADUCT COLUMN
- CMA = CENTER MOUNT MAST ARM
- DG = NEW POLE, DIG METHOD
- DR = NEW POLE, DRILL METHOD

NOTES

- 1. SIGNAGE LOCATIONS AND MEANS OF INSTALLATION SHALL BE AS DIRECTED BY THE ENGINEER.
- 2. ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- 3. PAVEMENT MARKINGS OTHER THAN STOP SIGNS TO BE MOUNTED AT 30° ANGLE. ALL OTHER SIGNS TO BE MOUNTED AT 90° ANGLE. SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.

CTA NOTES

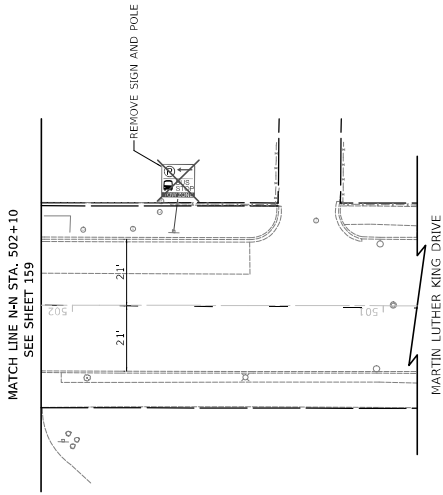
- 1. CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED PAVING REVISIONS/CHANGES AND SIGN FABRICATION.



SCALE IN FEET

PROJECT NO. 545451	SECTION NO.	SCALE: 1"=20'	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	PAVEMENT MARKING AND SIGNAGE PLAN	DRAWING NO. PMK-14
SHEET NO. 173					SHEET NO. 173
CITY OF CHICAGO		DEPARTMENT OF TRANSPORTATION		DIVISION OF PROJECT DEVELOPMENT	
30 N. LaSalle St., Suite 2220 - Chicago, Illinois 60602 Tel: 312.726.2500 P. Fax: 312.726.8571 www.ctdvr.com		CIVILTECH			
DRAWN: CHB	CHECKED: BJB	APPROVED: MIF	REVISED BY:	DATE:	DESCRIPTION:
DATE: 10/27/03					

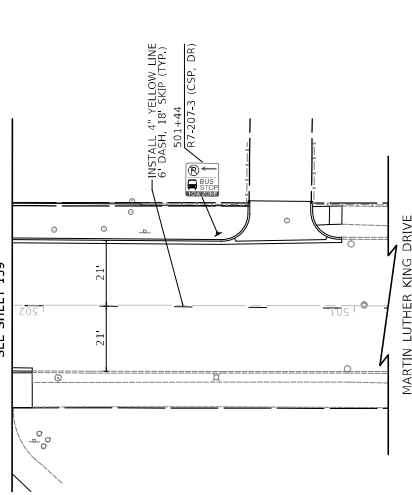
EXISTING



MATCH LINE N-N STA. 502+10
SEE SHEET 159

MARTIN LUTHER KING DRIVE

PROPOSED



MATCH LINE N-N STA. 502+10
SEE SHEET 159

MARTIN LUTHER KING DRIVE

NOTES

- WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL MARKINGS, EXISTING MARKINGS SHALL BE REMOVED AND WILL BE PAID AS PAVEMENT MARKING REMOVAL - WATERBLASTING, REMOVAL OF EXISTING PAVEMENT MARKINGS IN WORK AREAS WHICH DO NOT CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC CONTROL MARKINGS SHALL BE CONSIDERED INCIDENTAL TO THE HMA SURFACE OR PAVEMENT REMOVAL ITEM AND WILL NOT BE PAID SEPARATELY.

LEGEND

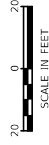
- CSP = CENTER MOUNT SIGN POLE
- FSP = FLAG MOUNT SIGN POLE
- CFP = CENTER MOUNT FLAG POLE
- FLP = FLAG MOUNT FLAG POLE
- CDP = CENTER MOUNT DRUM COLUMN
- CMA = CENTER MOUNT MAST ARM
- DR = NEW POLE, DRILL METHOD

NOTES

- SIGNAGE LOCATIONS AND MEANS OF INSTALLATION SHALL BE AS SHOWN AND SHALL BE CHANGED AS DIRECTED BY THE ENGINEER.
- ALL PAVEMENT MARKINGS INSTALLED ON HMA ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT MARKINGS INSTALLED ON PCC ARE TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- PAVEMENT MARKINGS SHALL BE MOUNTED AT 30° ANGLE, ALL OTHER SIGNS TO BE MOUNTED AT 90° ANGLE. SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT FIELD MANUAL FOR SIGN INSTALLATION AND PLAN DETAILS.

CTA NOTES

- CTA BUS STOP SIGNS ARE FABRICATED AND INSTALLED BY THE CTA. CONTRACTOR SHALL CONTACT CTA AT LEAST 14 DAYS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP RELATED PAVING REVISIONS/CHANGES AND SIGN FABRICATION.



SCALE IN FEET

DRAWING NO. PMK-15		PROJECT NO. 5J-5451	
SHEET NO. 174		SECTION NO.	
PAVEMENT MARKING AND SIGNAGE PLAN			
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS		CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	
30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.chicago.gov			
CIVILTECH			
DRAWN: CUB	DATE:	REVISION:	DESCRIPTION:
CHECKED: B/B			
APPROVED: M/F			
DATE: 10/27/2023			

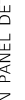
D1-1C
BIKE ROUTE SIGN
VARIES X 6"
REFLECTIVE, SINGLE SIDED
QTY: 1



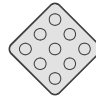
D3-1
STREET NAME SIGN
VARIES X 6 3/4"
REFLECTIVE, DOUBLE SIDED
QTY: 9



D3-2 SPECIAL
STREET NAME SIGN
72" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 2



OM1-1
TYPE I OBJECT MARKER
18" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 5



D11-1
BIKE ROUTE
24" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 2



M7-1
ARROW PLAQUE (LEFT FACING)
12" X 9"
REFLECTIVE, SINGLE SIDED
QTY: 1



M7-2
UPWARD DIAGONAL LEFT
ARROW PLAQUE
12" X 9"
REFLECTIVE, SINGLE SIDED
QTY: 1



OM-3R
TYPE III OBJECT MARKER
12" X 36"
REFLECTIVE, SINGLE SIDED
QTY: 3



R1-1
STOP
30" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 8



R2-1-0
SPEED LIMIT 20
24" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 2



R2-1-2
SPEED LIMIT 30
24" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 3



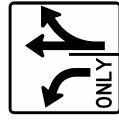
R2-1-3
SPEED LIMIT 35
24" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 2



R3-5R
MANDATORY MOVEMENT LANE
CONTROL
30" X 36"
REFLECTIVE, SINGLE SIDED
QTY: 1



R3-8 (SPECIAL)
INTERSECTION LANE CONTROL
36" X 36"
REFLECTIVE, SINGLE SIDED
QTY: 1



R3-17
BIKE LANE
30" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 3



R4-7
KEEP RIGHT
24" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 8



R5-1
DO NOT ENTER
30" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 5



R5-2-2
NO TRUCKS OVER 5 TONS
GROSS WEIGHT
24" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 5



R6-2R
ONE WAY RIGHT
18" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 5



R6-2L
ONE WAY LEFT
18" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 5



R7-1-1
NO PARKING RIGHT ARROW
TOW ZONE
18" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 15



R7-1-3
NO PARKING LEFT ARROW
TOW ZONE
18" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 12



R7-1-4
NO PARKING TOW ZONE
18" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 19



R7-1-70
NO PARKING OF TRUCKS
TOW ZONE
18" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 2



R7-5-14
ONE HOUR PARKING
9AM-6PM MON-SAT
18" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 1



R7-207-1
BUS STOP RIGHT ARROW
TOW ZONE
18" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 8



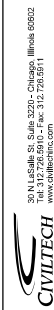
R7-207-3
BUS STOP LEFT ARROW
TOW ZONE
18" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 10



R7-210-1
SNOW ROUTE NO PARKING
TOW ZONE
18" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 8



DRAWN: CHB	DATE: 10/27/2023	REVISION: REVISED BY: DATE: _____	DESCRIPTION:
CHECKED: BJB			
APPROVED: MIF			
DATE: 10/27/2023			



30 N. LaSalle St. Suite 3200 - Chicago, Illinois 60602
Tel: 312.726.8910 - Fax: 312.726.8911
www.civiltech.com

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND
COTTAGE GROVE AVENUE
IMPROVEMENTS

SCALE: N.T.S.
SECTION NO.: _____
PROJECT NO.: 545451

DRAWING NO.: PMK-16
SHEET NO.: 175

NOT SCALE

DO NOT STOP ON TRACKS



LEFT ON GREEN ARROW ONLY

RIGHT ON GREEN ARROW ONLY

STOP HERE ON RED

DO NOT BLOCK INTERSECTION

DO NOT BLOCK DRIVEWAY

R8-8
DO NOT STOP ON TRACKS
24" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 4

R9-5
BIKES MAY USE PED SIGNAL
12" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 1

R9-6
BIKES YIELD TO PEDS
8" X 12"
REFLECTIVE, SINGLE SIDED
QTY: 10

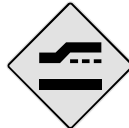
R10-5
LEFT ON GREEN ARROW ONLY
24" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 4

R10-5A
RIGHT ON GREEN ARROW ONLY
24" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 2

R10-6A
STOP HERE ON RED
24" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 1

R10-7
DO NOT BLOCK INTERSECTION
24" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 1

R10-7 SPECIAL
DO NOT BLOCK DRIVEWAY
24" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 1



R10-10B
BIKE SIGNAL
18" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 2

R10-11B
NO TURN ON RED
24" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 4

R10-15R SPECIAL
TURNING VEHICLES YIELD TO BIKES AND PEDESTRIANS
30" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 2

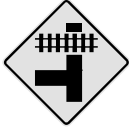
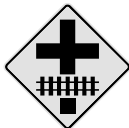
S1-1
SCHOOL CROSSING
30" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 2

S4-1-100
SCHOOL SPEED LIMIT 100
24" X 48"
REFLECTIVE, SINGLE SIDED
QTY: 4

W1-8L
LEFT ALIGNMENT
18" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 3

W4-2R
LANE ENDS
36" X 36"
REFLECTIVE, SINGLE SIDED
QTY: 1

W5-4a
PATH NARROWS
30" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 1



W10-2
GRADE CROSSING ADVANCE WARNING
30" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 2

W10-4
GRADE CROSSING ADVANCE WARNING
30" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 1

W11-2
PEDESTRIAN CROSSING
36" X 36"
REFLECTIVE, SINGLE SIDED
QTY: 24

W12-2
13'-0" CLEARANCE
36" X 36"
REFLECTIVE, SINGLE SIDED
QTY: 4

W12-2
11'-8" CLEARANCE
36" X 36"
REFLECTIVE, SINGLE SIDED
QTY: 3

W16-5P(R)
ARROW PLAQUE (RIGHT FACING)
24" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 2

W16-5P(L)
ARROW PLAQUE (LEFT FACING)
18" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 1

W16-7PR
DOWNWARD DIAGONAL RIGHT
ARROW PLAQUE
12" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 10

W16-7PL
DOWNWARD DIAGONAL LEFT
ARROW PLAQUE
12" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 14

W16-9P
AHEAD PLAQUE
12" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 7

W17-1 (SPECIAL)
RAISED INTERSECTION AHEAD
36" X 36"
REFLECTIVE, SINGLE SIDED
QTY: 2

W25-1
TRAFFIC SIGNAL EXTENDED GREEN
24" X 30"
REFLECTIVE, SINGLE SIDED
QTY: 4

SS-1
SAFE SCHOOL ZONE WARNING
18" X 24"
REFLECTIVE, SINGLE SIDED
QTY: 1

SPECIAL
CAUTION WALK TIME SHORTENED
WHEN TRAIN APPROACHES
18" X 18"
REFLECTIVE, SINGLE SIDED
QTY: 10



DRAWN: CHB	CHECKED: BJB	APPROVED: MIF	DATE: 10/27/2023	REVISED BY:
DESCRIPTION:	DATE:	REVISED BY:	DATE:	REVISED BY:
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			30 N. LaSalle St. Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5900 - Fax: 312.726.8571 www.chicago.gov	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			PROPOSED SIGNAGE LEGEND	DRAWING NO: PMK-17 SHEET NO: 176
SCALE: N.T.S.		SECTION NO.		PROJECT NO. 545451



CTA BUS STOP (TO BE
INSTALLED BY OTHERS)
111. 111TH/KING DRIVE
18" X 24"
REFLECTIVE, DOUBLE SIDED
QTY: 1



CTA BUS STOP (TO BE
INSTALLED BY OTHERS)
4 COTTAGE GROVE, 111A PULLMAN
SHUTTLE, 115 PILLMAN/115TH
18" X 24"
REFLECTIVE, DOUBLE SIDED
QTY: 2



CTA BUS STOP (TO BE
INSTALLED BY OTHERS)
4 COTTAGE GROVE, 115
PULLMAN/115TH
18" X 24"
REFLECTIVE, DOUBLE SIDED
QTY: 7



CTA BUS STOP (TO BE
INSTALLED BY OTHERS)
111A
PULLMAN SHUTTLE
18" X 24"
REFLECTIVE, DOUBLE SIDED
QTY: 5

DRAWN:	CHB				
CHECKED:	BFB				
APPROVED:	MFB				
DATE:	10/27/2023	REVIEWED BY:		DATE:	

DESCRIPTION:	
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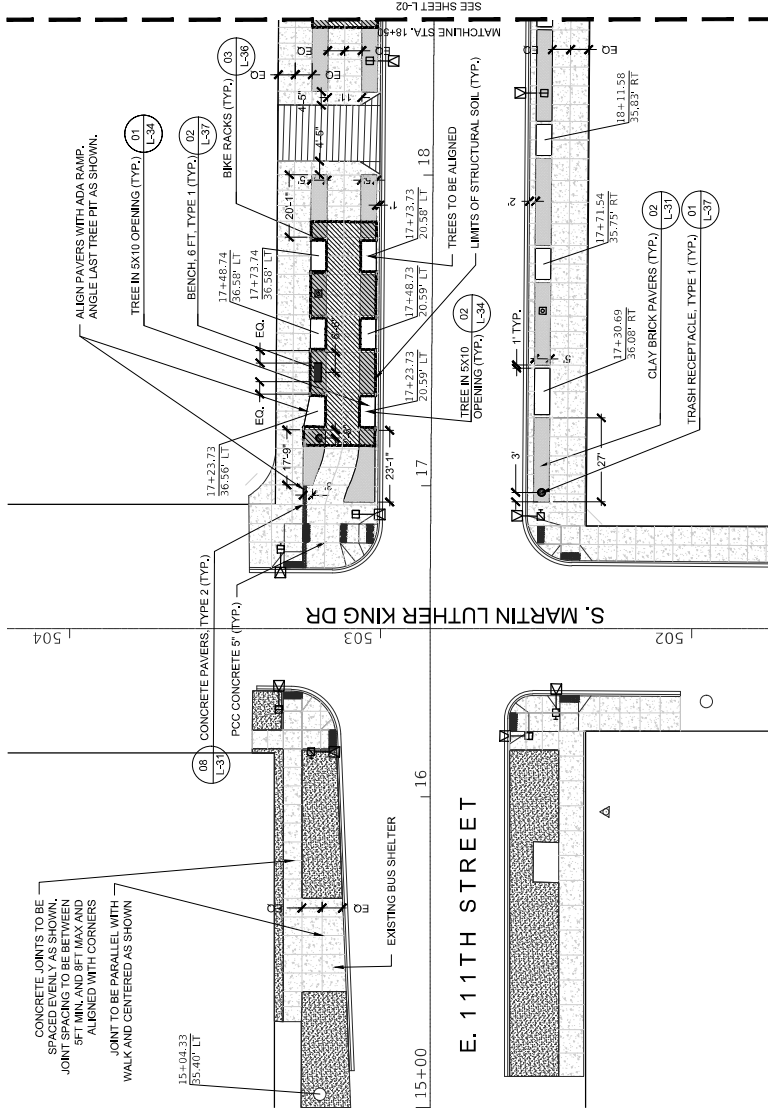
CIVILTECH
30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602
Tel: 312.726.5910 - Fax: 312.726.8571
www.civiltech.com

**CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT**

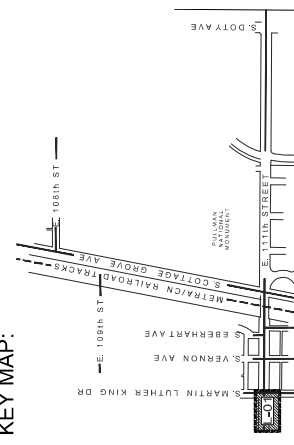
**111TH STREET AND
COTTAGE GROVE AVENUE
IMPROVEMENTS**

SCALE: N.T.S. SECTION NO. PROJECT NO. 540450

DRAWING NO. **PMK-18**
SHEET NO. 177

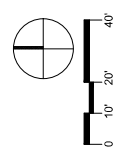


KEY MAP:



LEGEND

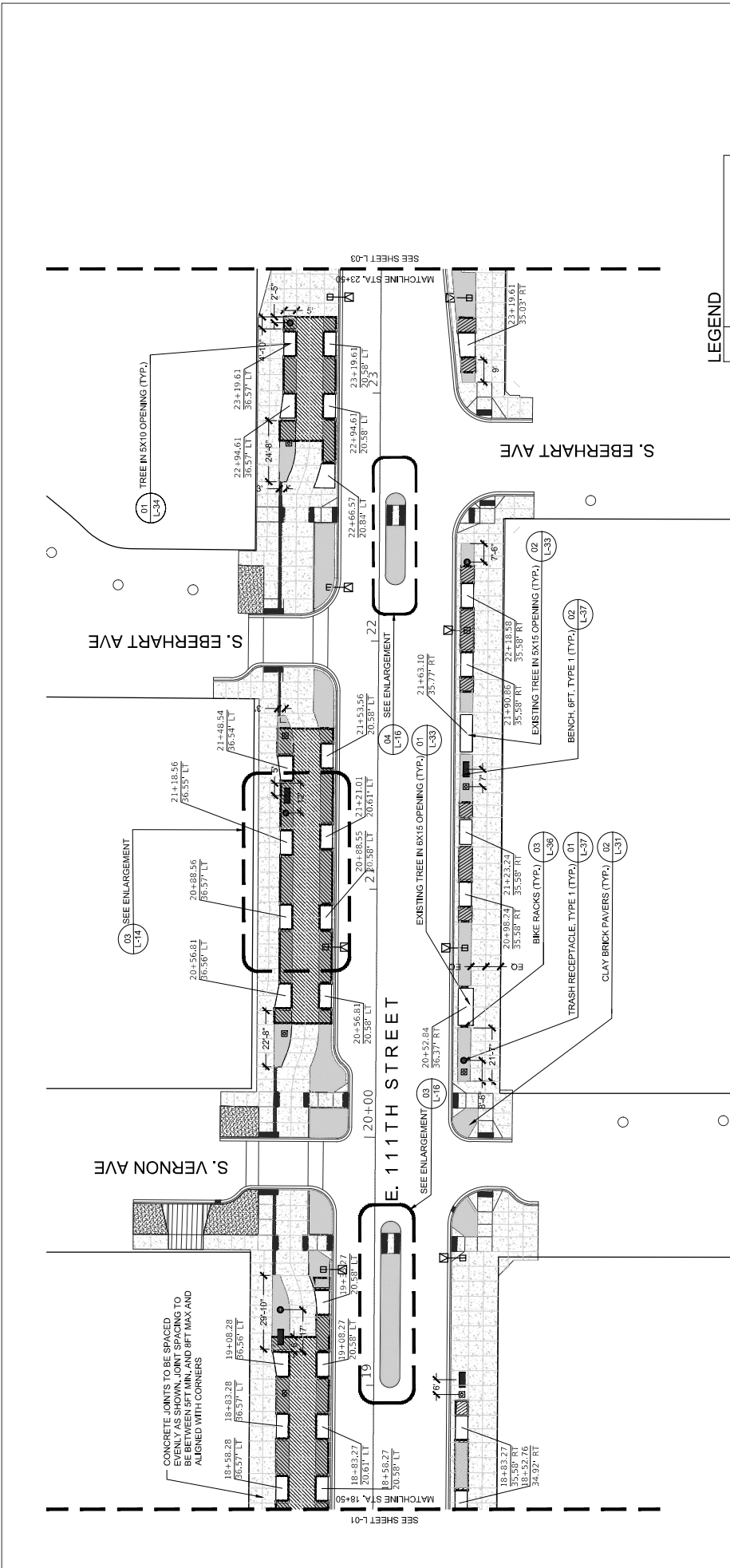
- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 6 FT., TYPE 1
- BENCH, 6 FT., TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT
- STRUCTURAL SOIL



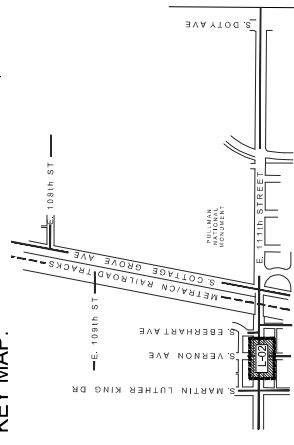
DRAWN: P.H., D.M., M.A.	DATE: 10/27/2023	REVISIONS:	DESCRIPTION:	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111th STREET AND COTTAGE GROVE AVENUE LANDSCAPE IMPROVEMENT	LANDSCAPE PLANS HARDSCAPE LAYOUT	DRAWING NO.: L-01 SHEET NO.: 181 PROJECT NO.: 544-510 SECTION NO.:
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30 N. LaSalle St., Suite 2624 - Chicago, Illinois 60602
Tel: 312.726.5910 - Fax: 312.726.5911
www.chicago.gov

CIVILICA



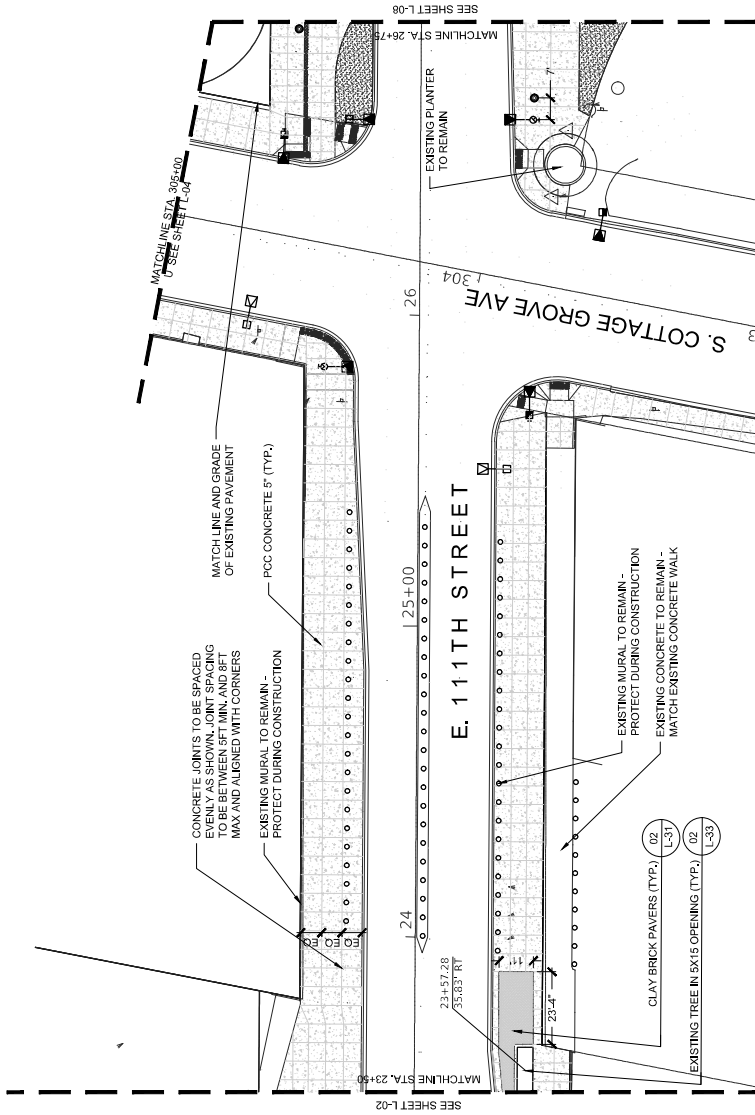
KEY MAP:



LEGEND

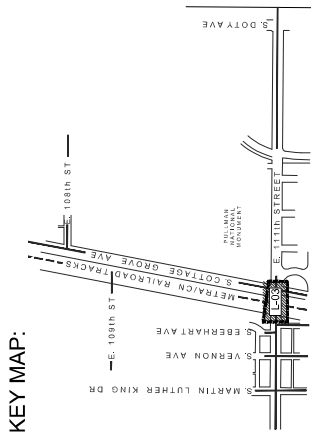
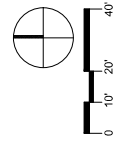
(Symbol: Circle with dot)	TREE - EXISTING TO REMAIN
(Symbol: Circle with cross)	TREE - PROPOSED
(Symbol: Circle with vertical line)	TRASH RECEPTACLE, TYPE 1
(Symbol: Square with vertical lines)	BIKE RACKS
(Symbol: Square with horizontal lines)	ROADWAY LIGHT
(Symbol: Square with diagonal lines)	PEDESTRIAN LIGHT
(Symbol: Square with horizontal lines)	BENCH, 6FT, TYPE 1
(Symbol: Square with horizontal lines)	BENCH, 6FT, TYPE 2
(Symbol: Square with diagonal lines)	CONCRETE PAVERS, TYPE 1
(Symbol: Square with diagonal lines)	CONCRETE PAVERS, TYPE 2
(Symbol: Square with diagonal lines)	CLAY BRICK PAVERS
(Symbol: Square with diagonal lines)	P.C.C. CONCRETE
(Symbol: Square with diagonal lines)	SODDING, SALT TOLERANT
(Symbol: Square with diagonal lines)	STRUCTURAL SOIL

DRAWN: P.H.L./D.M. (M)	DATE:	REVISIONS:	DESCRIPTION:
CHECKED: B.B.F.	DATE:		
APPROVED: M.F.	DATE:		
DATE: 10/27/2023	REVISED BY:		
CIVILTRAC			
30 N. LaSalle St., Suite 2624 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.5911 www.civiltrac.com			
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			
111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT			
LANDSCAPE PLANS HARDSCAPE LAYOUT			
DRAWING NO. L-02	PROJECT NO. 544-510	SECTION NO.	
SHEET NO. 152			

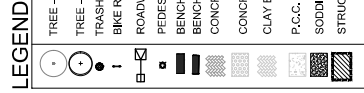
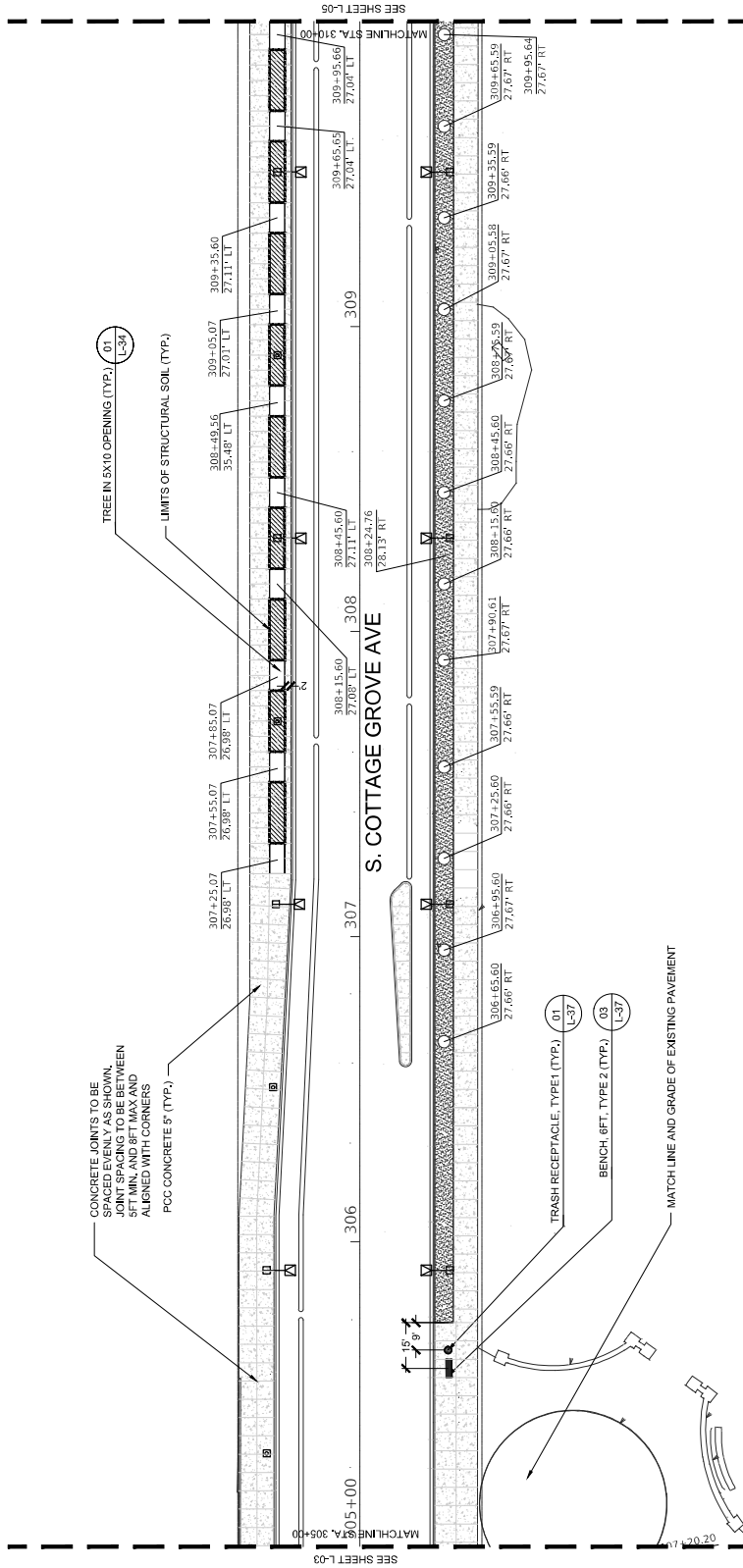


LEGEND

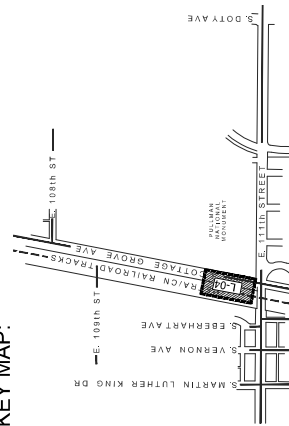
○	TREE - EXISTING TO REMAIN
○	TREE - PROPOSED
□	TRASH RECEPTACLE, TYPE 1
□	BIKE RACKS
□	ROADWAY LIGHT
□	PEDESTRIAN LIGHT
□	BENCH, 8FT, TYPE 1
□	BENCH, 8FT, TYPE 2
□	CONCRETE PAVERS, TYPE 1
□	CONCRETE PAVERS, TYPE 2
□	CLAY BRICK PAVERS
□	P.C.C. CONCRETE
□	SODDING, SALT TOLERANT
□	STRUCTURAL SOIL



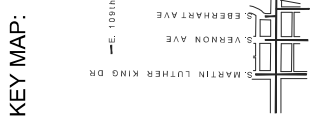
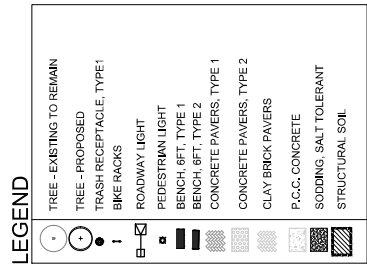
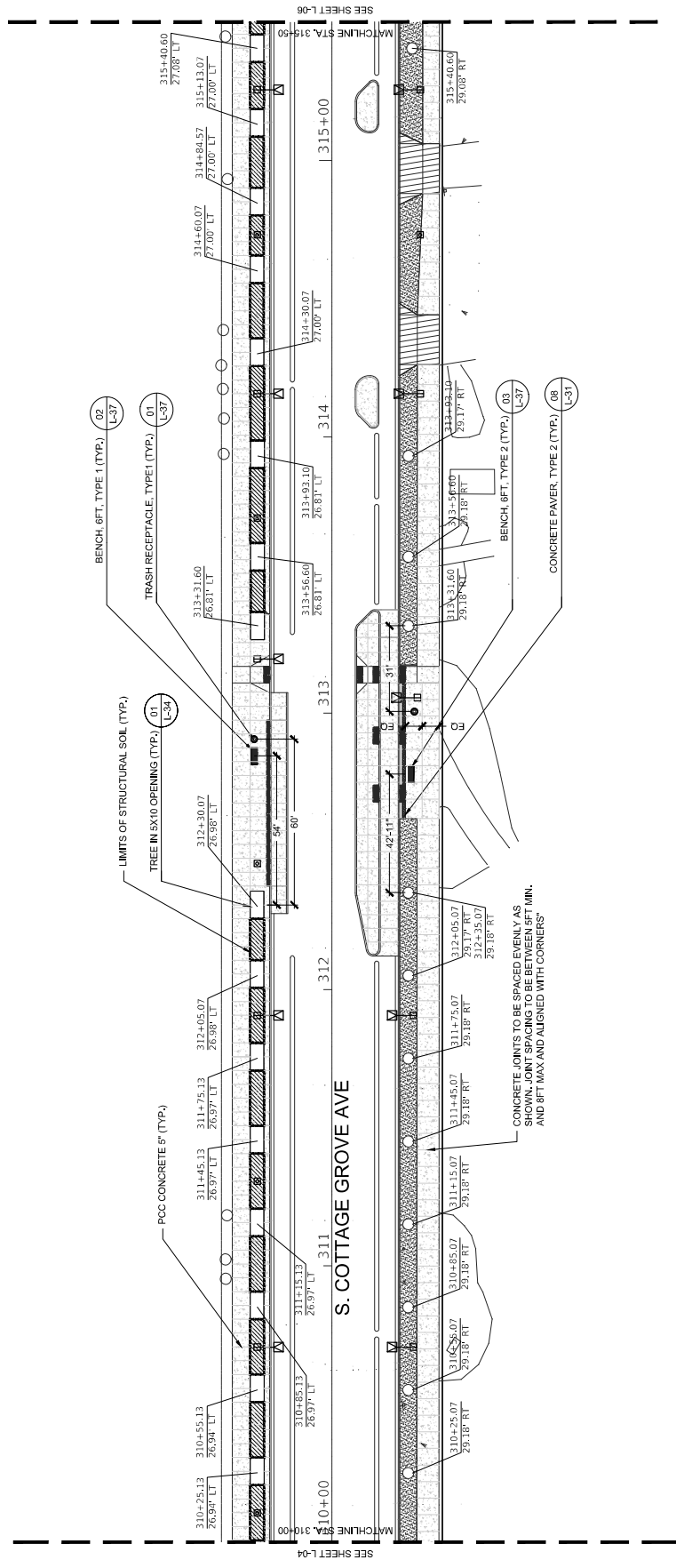
DRAWN: P.H., D.M., M.A.	DESCRIPTION	DATE	REVISOR	DATE
CHECKED: B.B.				
APPROVED: M.F.				
DATE: 10/27/2023				
30 N. LaSalle St., Suite 2624 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.5911 www.civitrack.com				
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		111th STREET AND COTTAGE GROVE AVENUE LANDSCAPE IMPROVEMENT		
LANDSCAPE PLANS HARDSCAPE LAYOUT		DRAWING NO. L-03 SHEET NO. 183		
SCALE: 1" = 20'-0"		PROJECT NO. 544-510 SECTION NO.		



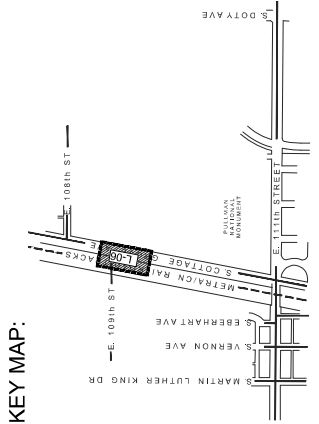
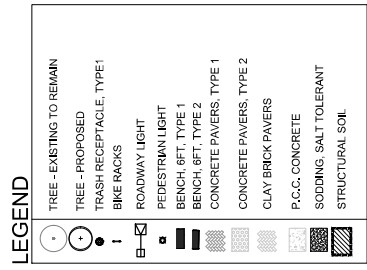
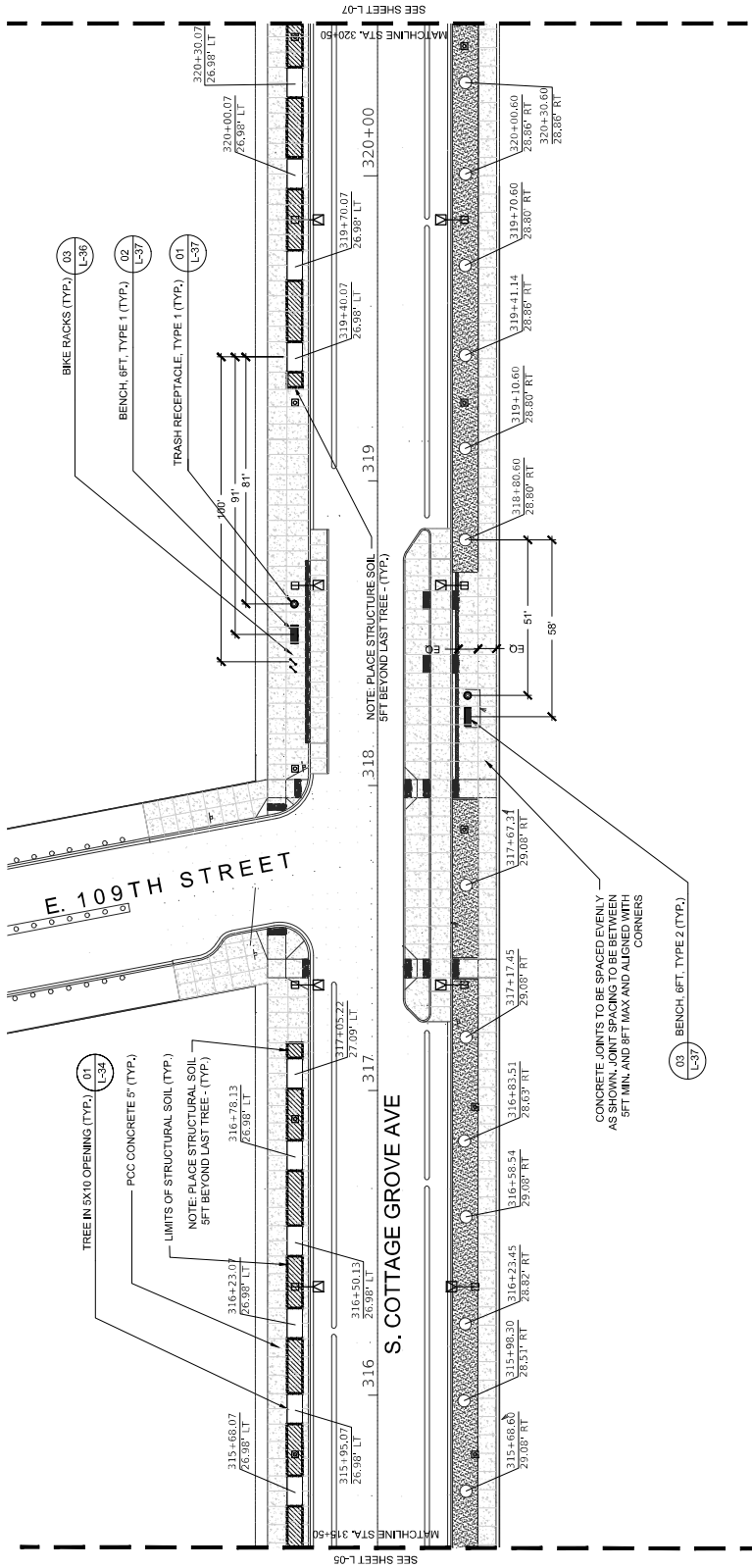
KEY MAP:



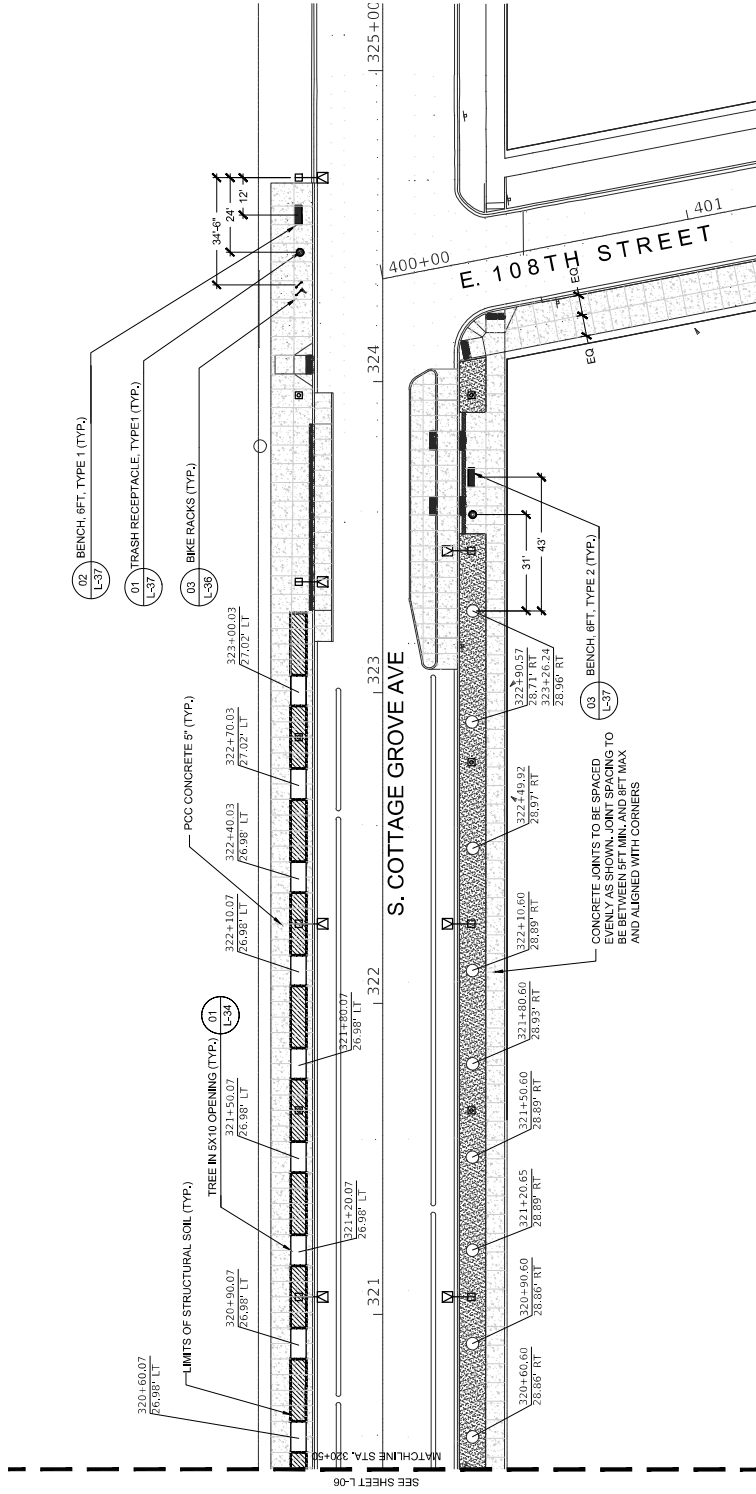
DRAWN: P.H.L., D.M.K., M.A.	DATE	DESCRIPTION		30 N. LaSalle St., Suite 2624 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.5911 www.civiltrac.com	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	PROJECT NO. 544-510 SECTION NO.	DRAWING NO. L-04	SHEET NO. 184
CHECKED: B.B.B.	DATE	DESCRIPTION							
APPROVED: M.J.F.	DATE	DESCRIPTION							
DATE: 10/27/2023	REVISD BY	DATE							



DRAWN: P.H.L./D.K. (M)	DATE: 10/27/2023	REVISIONS:	DESCRIPTION:
CHECKED: B.B.	DATE:	REVISIONS:	DESCRIPTION:
APPROVED: M.J.F.	DATE:	REVISIONS:	DESCRIPTION:
PROJECT NO. 544-510	SECTION NO. 185	DRAWING NO. L-05	
CITY OF CHICAGO		DEPARTMENT OF TRANSPORTATION	
DIVISION OF PROJECT DEVELOPMENT		111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	
30 N. LaSalle St. Suite 2624 - Chicago, Illinois 60602		LANDSCAPE PLANS	
Tel: 312.726.5910 - Fax: 312.726.5911		HARDSCAPE LAYOUT	
www.chicago.gov		PROJECT NO. 544-510	
DRAWING NO. L-05		SECTION NO. 185	

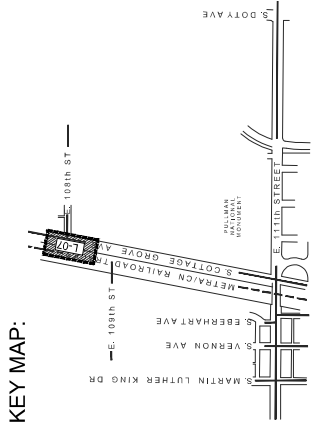
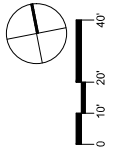


DRAWN: P.H., D.K., M.A. CHECKED: B.B. APPROVED: M.F. DATE: 10/27/2023	REVISIONS BY: DATE	DESCRIPTION	<p>30 N. LaSalle St., Suite 2624 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.5911 www.civitrack.com</p>	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	LANDSCAPE PLANS HARDSCAPE LAYOUT	DRAWING NO. L-06 SHEET NO. 186	SECTION NO. PROJECT NO. 544510
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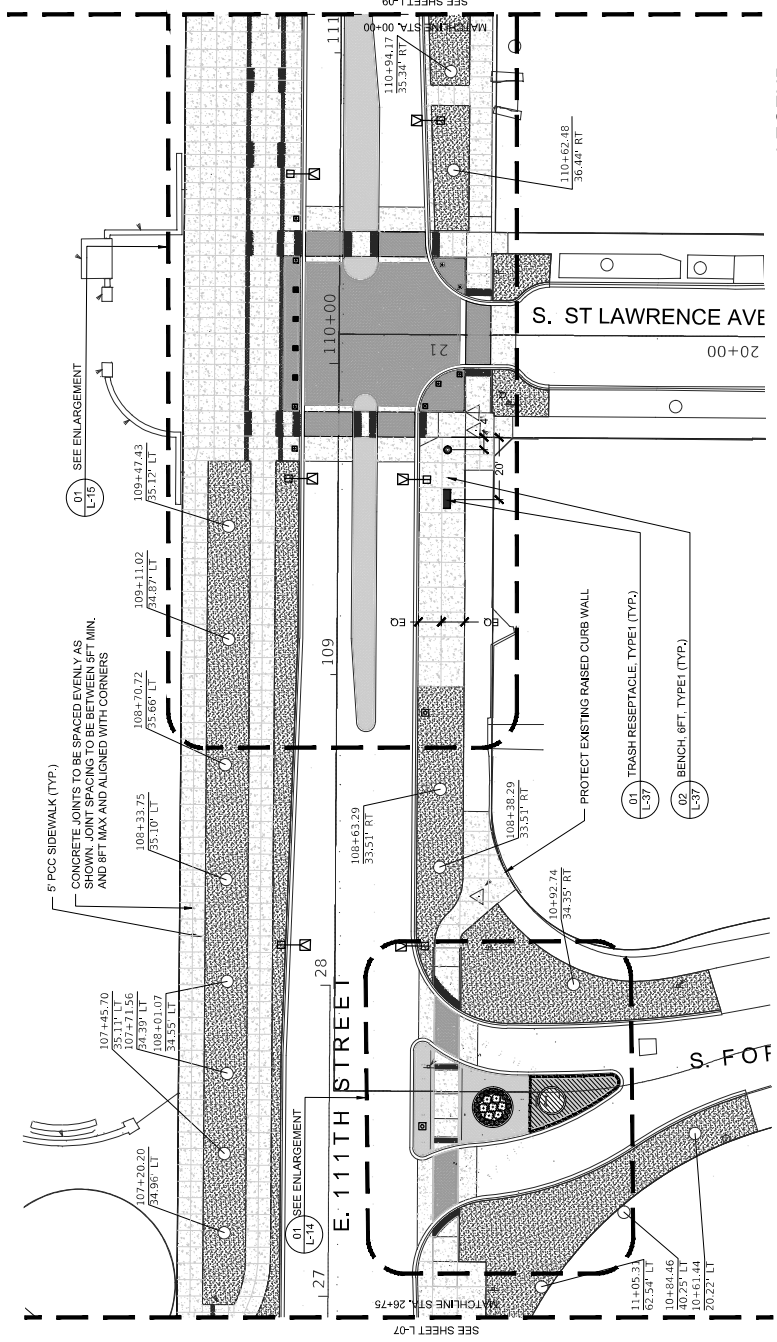
LEGEND

(+)	TREE - EXISTING TO REMAIN
(-)	TREE - PROPOSED
(TR)	TRASH RECEPTACLE, TYPE 1
(BR)	BIKE RACKS
(RL)	ROADWAY LIGHT
(PL)	PEDESTRIAN LIGHT
(B1)	BENCH, 6FT, TYPE 1
(B2)	BENCH, 6FT, TYPE 2
(CP1)	CONCRETE PAVERS, TYPE 1
(CP2)	CONCRETE PAVERS, TYPE 2
(CBP)	CLAY BRICK PAVERS
(PCC)	P.C.C. CONCRETE
(S)	SODDING, SALT TOLERANT
(SS)	STRUCTURAL SOIL



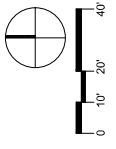
KEY MAP:

DRAWN: P.H.L./D.K./M.A.	DATE:	10/27/2023	REVISIONS:	DESCRIPTION:
CHECKED:	BIB			
APPROVED:	MJF			
DATE:	10/27/2023			
30 N. LaSalle St., Suite 2624 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.5911 www.civitrack.com				
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		1114 S. STREET AND COTTAGE GROVE AVENUE IMPROVEMENT		
LANDSCAPE PLANS HARDSCAPE LAYOUT			DRAWING NO. L-07	
SCALE: 1" = 20'-0"			SECTION NO. 187	
PROJECT NO. 544-510				

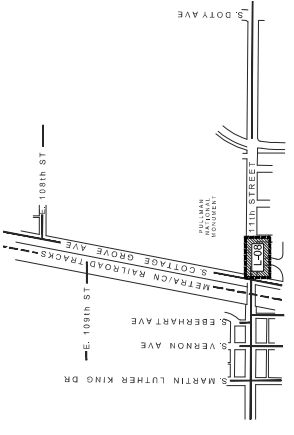


LEGEND

- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 6FT, TYPE 1
- BENCH, 6FT, TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT
- STRUCTURAL SOIL

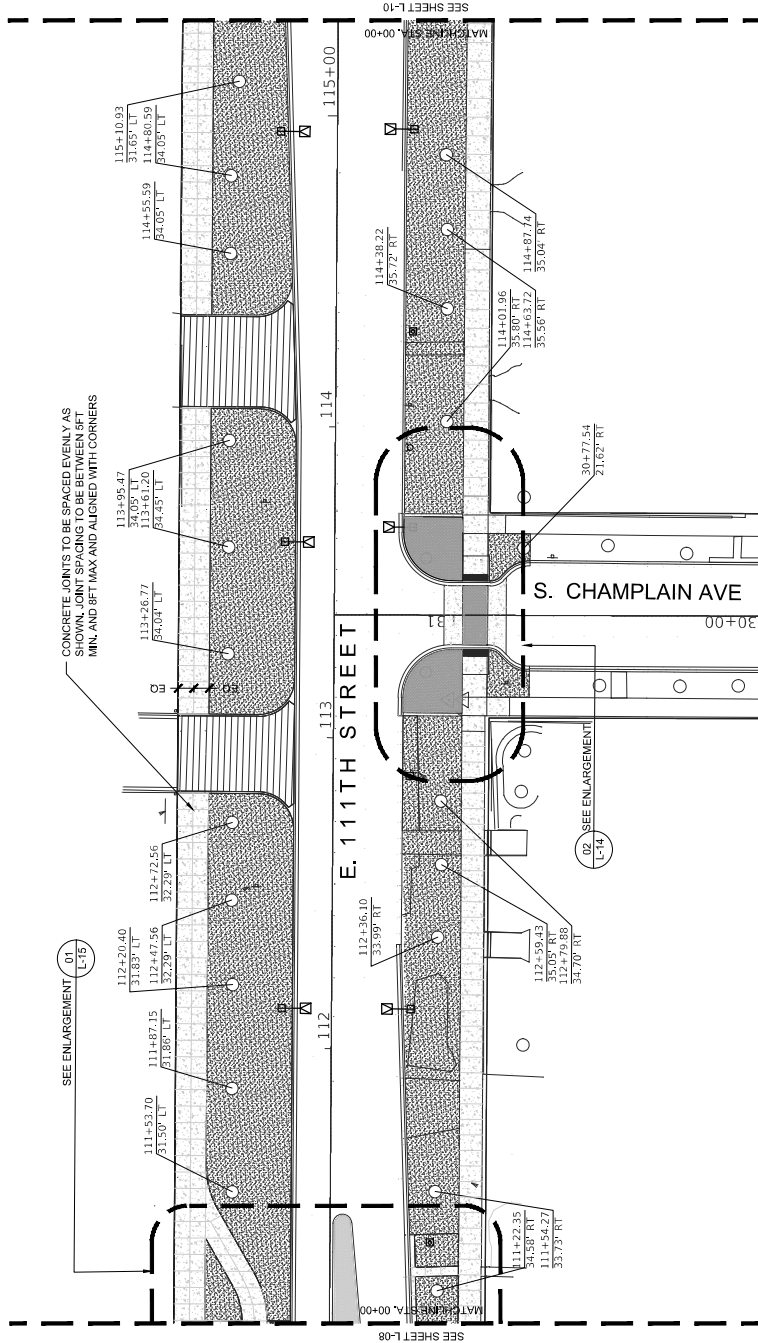


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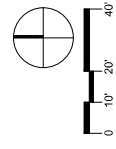
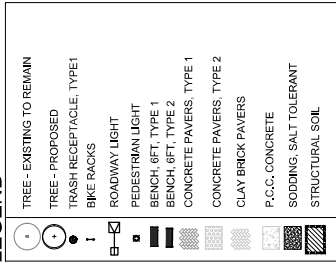


DRAWN: P.H.L. / D.M. / M.A.	DESCRIPTION:	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	LANDSCAPE PLANS HARDSCAPE LAYOUT	DRAWING NO. L-08
CHECKED: B.B.B.	DATE:	30 N. LaSalle St. Suite 2624 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.5911 www.chicagotransit.com	SECTION NO.:	PROJECT NO. 544-510	SHEET NO. 188
APPROVED: M.J.F.	REVISOR BY:				
DATE: 10/27/2023	REVISIONS:				

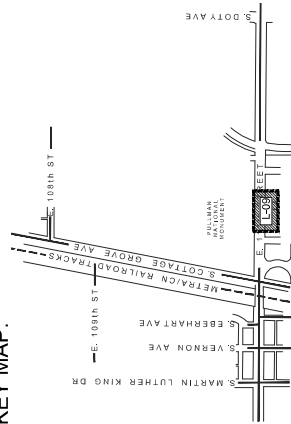
NOT DATE: 10/27/2023



LEGEND

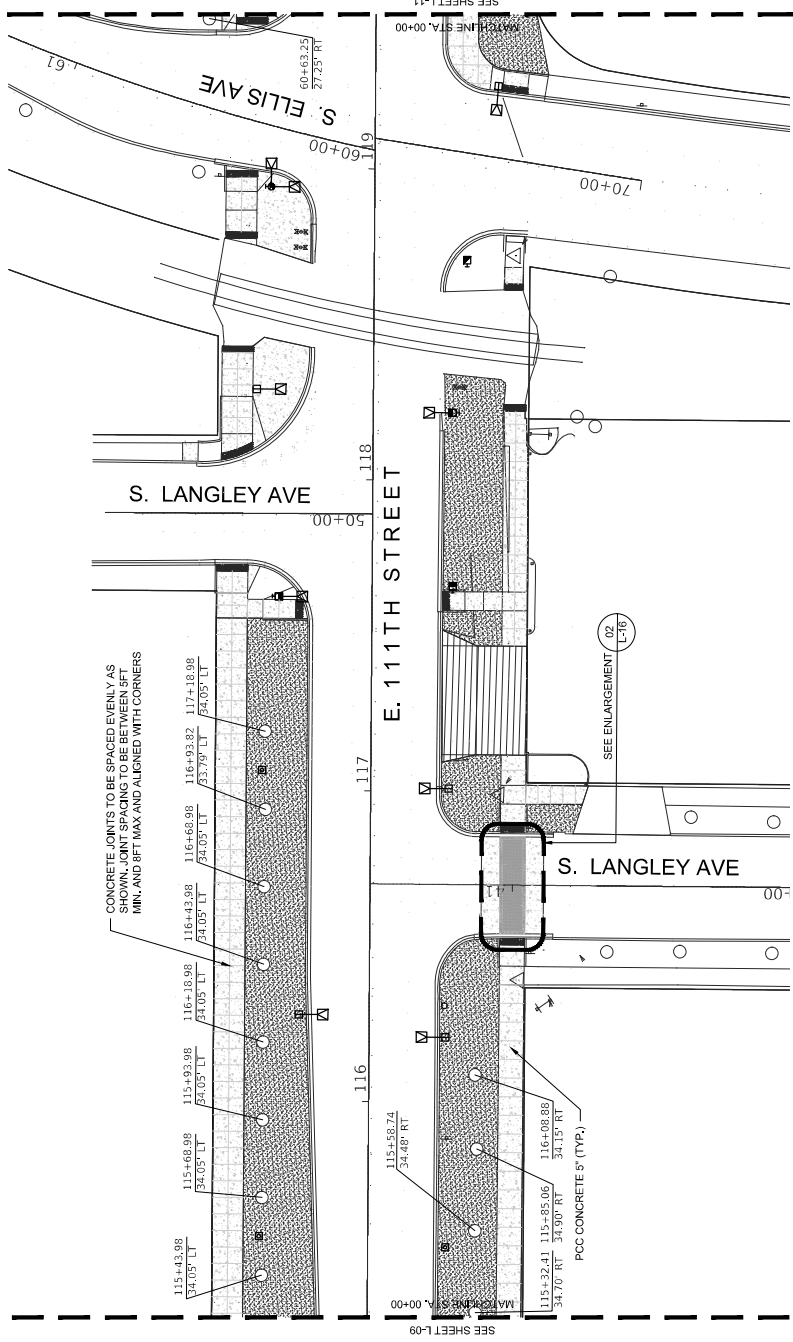


KEY MAP:



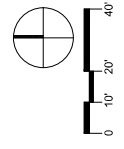
DRAWN: P.H., J.D.K., M.A.	REVISIONS:	DATE:	DESCRIPTION:
CHECKED: B.B.			
APPROVED: M.F.			
DATE: 10/27/2023	REVISED BY:	DATE:	
 CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			
111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT			
LANDSCAPE PLANS HARDSCAPE LAYOUT			DRAWING NO. L-09 SHEET NO. 189
SCALE: 1" = 20'-0"			SECTION NO.: PROJECT NO. 544-510

NOT DATE
FILE NAME

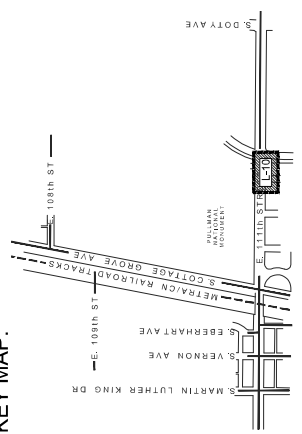


LEGEND

	TREE - EXISTING TO REMAIN
	TREE - PROPOSED
	TRASH RECEPTACLE, TYPE 1
	BIKE RACKS
	ROADWAY LIGHT
	PEDESTRIAN LIGHT
	BENCH, 8FT, TYPE 1
	BENCH, 8FT, TYPE 2
	CONCRETE PAVERS, TYPE 1
	CONCRETE PAVERS, TYPE 2
	CLAY BRICK PAVERS
	P.C.C. CONCRETE
	SODDING, SALT TOLERANT
	STRUCTURAL SOIL

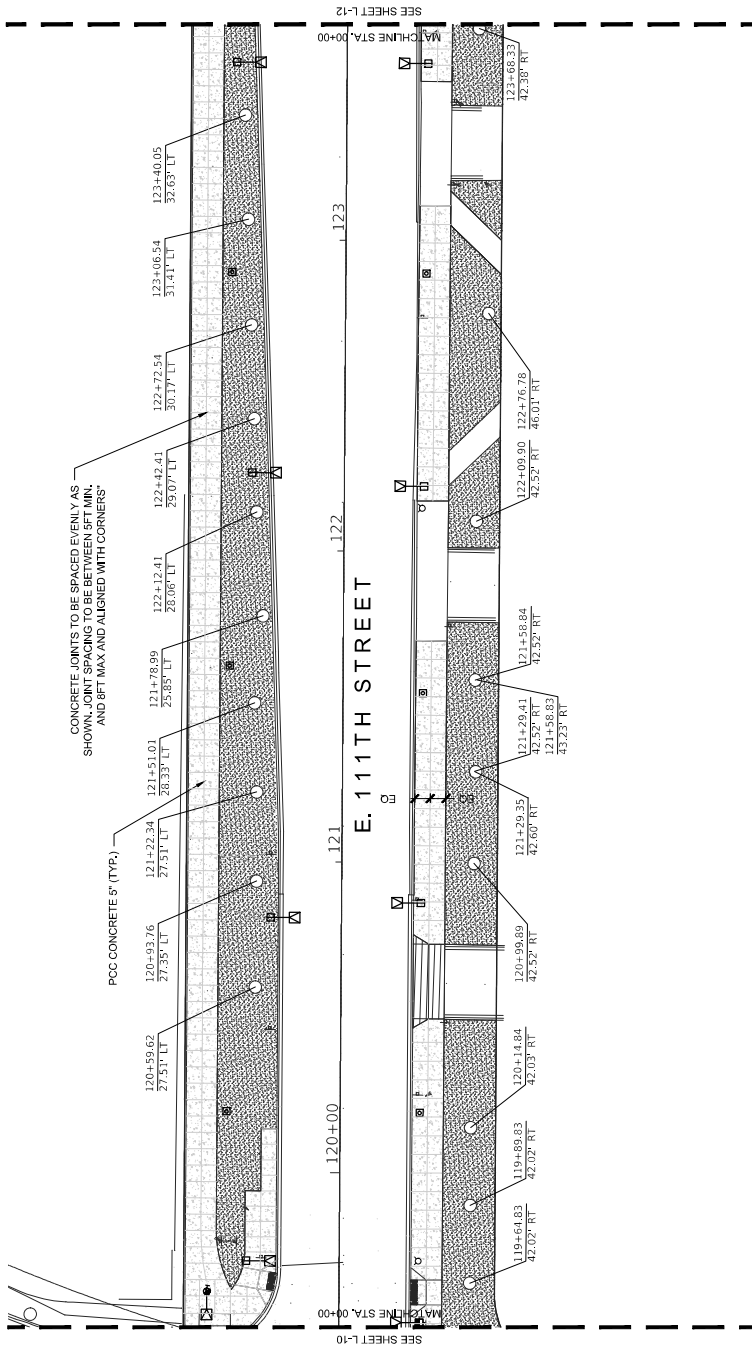


KEY MAP:



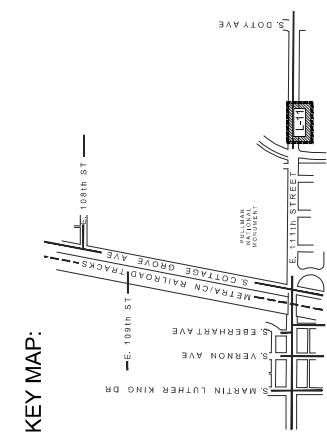
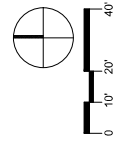
DRAWN: PHL, IDK, MA CHECKED: BJB APPROVED: MJF DATE: 10/27/2023	REVISIONS: DATE: _____ REVISED BY: _____ DESCRIPTION: _____	<p>30 N. LaSalle St. Suite 2024 - Chicago, Illinois 60602 Tel: 312.726.5910 • Fax: 312.726.5911 www.civitech.com</p>	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	LANDSCAPE PLANS HARDSCAPE LAYOUT	DRAWING NO. L-10	SHEET NO. 190	PROJECT NO. S44-S10 SECTION NO. _____
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NOT DATE

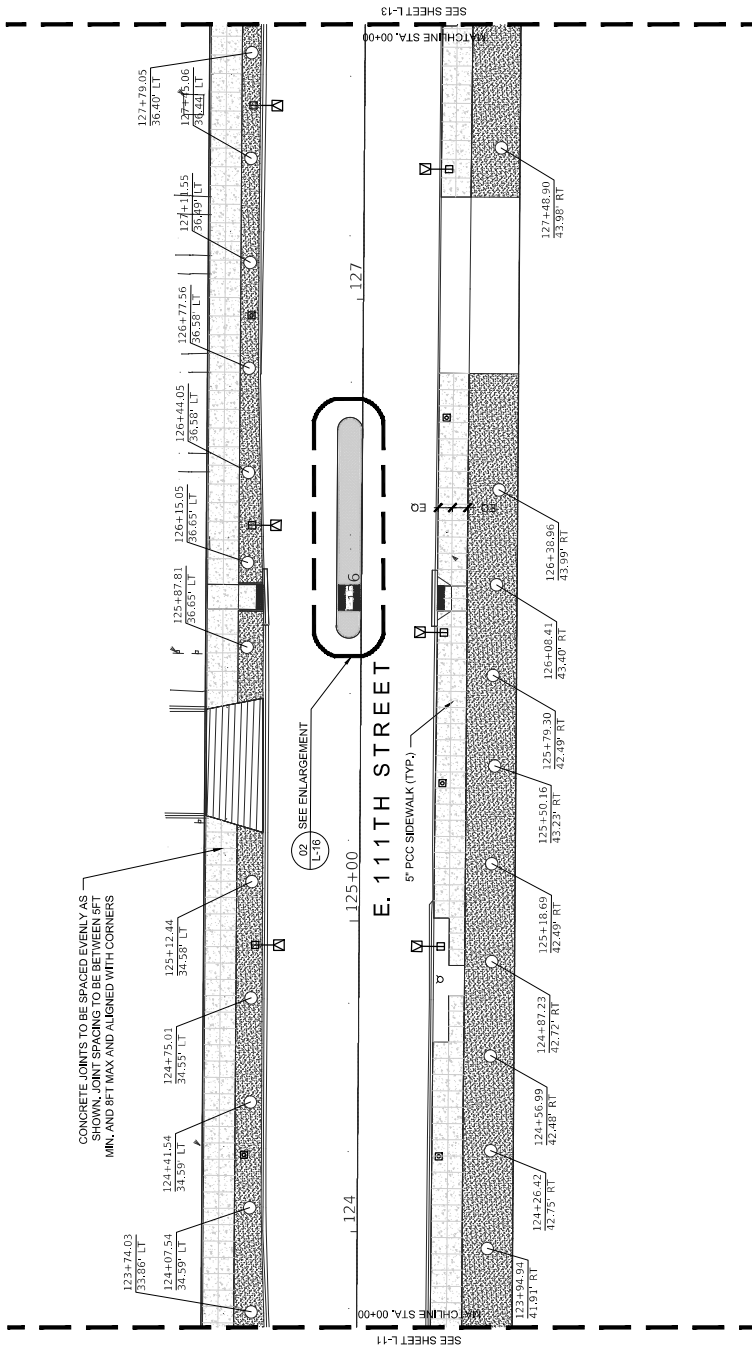


LEGEND

- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 8FT, TYPE 1
- BENCH, 8FT, TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT
- STRUCTURAL SOIL

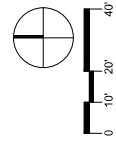


DRAWN: P.H., I.D.K., M.A.	DATE: 10/27/2023	REVISIONS:	DESCRIPTION:
CHECKED: B.B.	DATE:	REVISIONS:	DESCRIPTION:
APPROVED: M.J.F.	DATE:	REVISIONS:	DESCRIPTION:
PROJECT NO. 544-510	SECTION NO. _____	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	
LANDSCAPE PLANS HARDSCAPE LAYOUT		111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	
DRAWING NO. L-11	SCALE: 1" = 20'-0"		
SHEET NO. 191	PROJECT NO. 544-510		

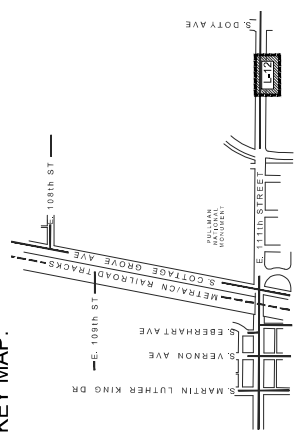


LEGEND

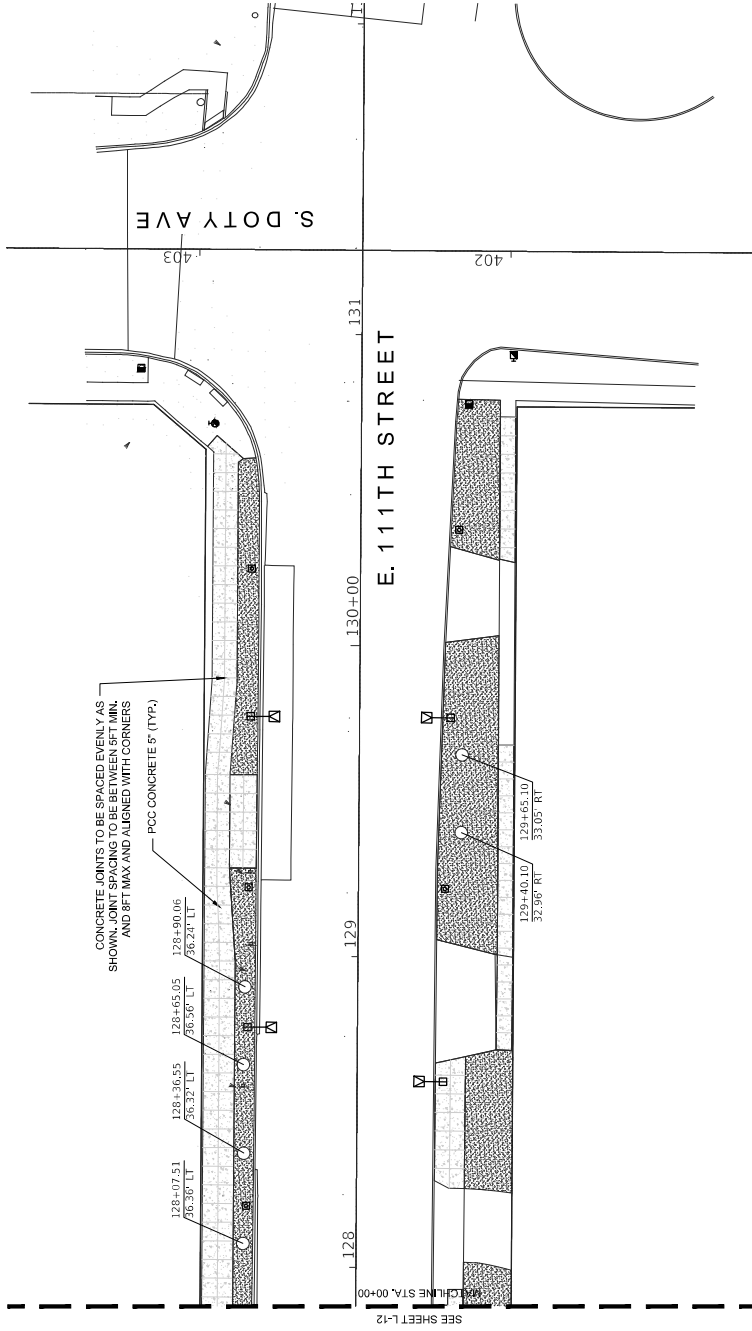
- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 6FT, TYPE 1
- BENCH, 6FT, TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT
- STRUCTURAL SOIL



KEY MAP:

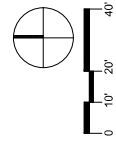


DRAWN: P.H., D.M., M.A.	DESCRIPTION	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	LANDSCAPE PLANS HARDSCAPE LAYOUT	DRAWING NO. L-12
CHECKED: B.B.	DATE	30 N. LaSalle St., Suite 2624 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.5911 www.chicago.gov	SECTION NO.	PROJECT NO. 544-510	SHEET NO. 192
APPROVED: M.F.	REVISOR				
DATE: 10/27/2023	REVISOR				

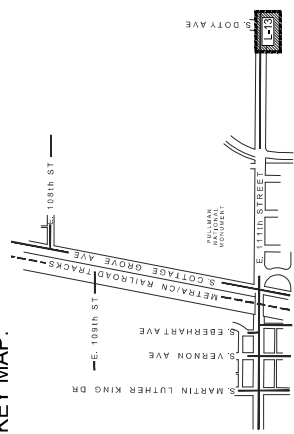


LEGEND

●	TREE - EXISTING TO REMAIN
○	TREE - PROPOSED
□	TRASH RECEPTACLE, TYPE 1
□	BIKE RACKS
□	ROADWAY LIGHT
□	PEDESTRIAN LIGHT
□	BENCH, 6FT, TYPE 1
□	BENCH, 6FT, TYPE 2
□	CONCRETE PAVERS, TYPE 1
□	CONCRETE PAVERS, TYPE 2
□	CLAY BRICK PAVERS
□	P.C.C. CONCRETE
□	SODDING, SALT TOLERANT
□	STRUCTURAL SOIL



KEY MAP:



CONCRETE JOINTS TO BE SPACED EVENLY AS SHOWN. JOINT SPACING TO BE BETWEEN 5FT MIN. AND 8FT MAX. AND ALIGNED WITH CORNERS

POCC CONCRETE 5' (TYP.)

128+07.51
36.30' LT

128+36.55
36.32' LT

128+65.05
36.30' LT

128+90.06
36.24' LT

129
32.98' RT

130+00.10
33.05' RT

130+35.10
33.05' RT

131
32.98' RT

1402

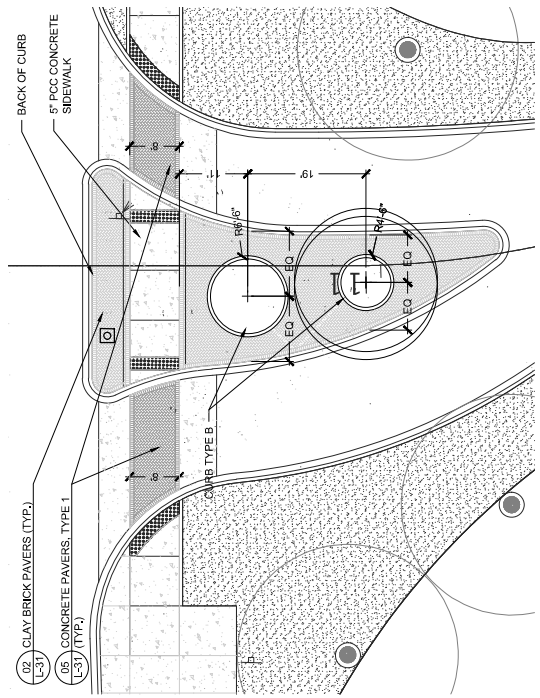
1403

E. 111TH STREET

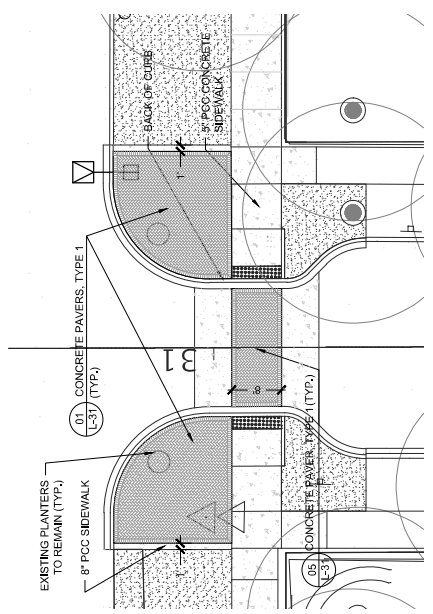
S. DOTY AVE

SEE SHEET L-12

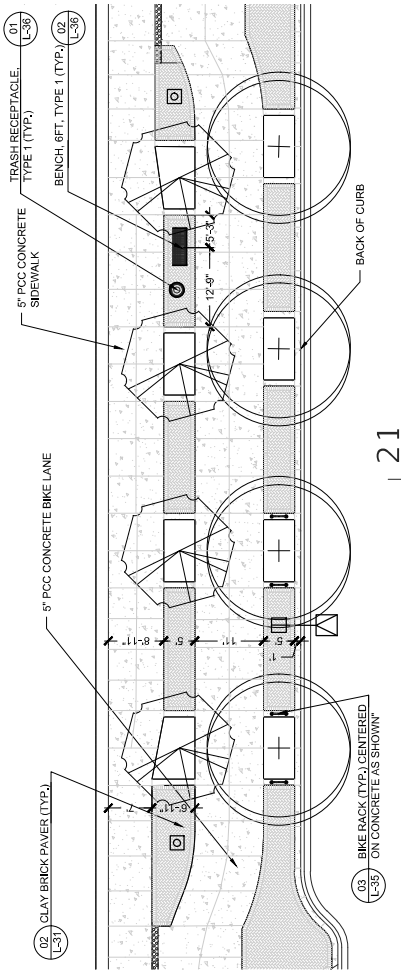
DRAWN: P.H., D.M., M.A.	DATE: 10/27/2023	REVISIONS:	DESCRIPTION:
CHECKED: B.B.	DATE:	REVISOR:	
APPROVED: M.J.F.	DATE:	REVISOR:	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT		
30 N. LaSalle St., Suite 2624 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.5911 www.chicago.gov		PROJECT NO. 544-510	
CIVILICA		SECTION NO. _____	
DRAWING NO. L-13		SHEET NO. 193	



01 ENLARGEMENT - S. FORRESTVILLE AVE
SCALE: 1" = 10'-0"



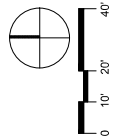
02 ENLARGEMENT - S. CHAMPLAIN AVE
SCALE: 1" = 10'-0"



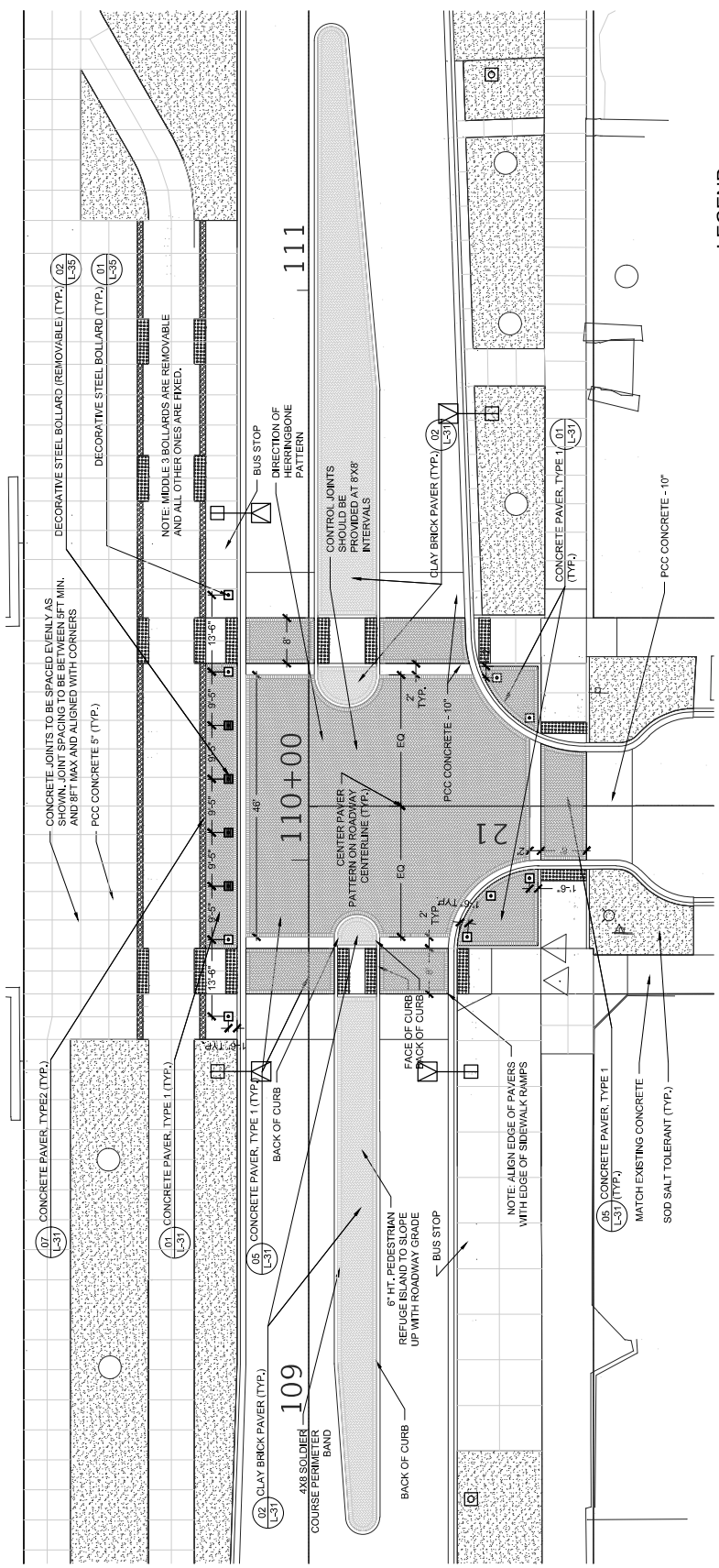
03 ENLARGEMENT - E. 111TH STREET
SCALE: 1" = 10'-0"

LEGEND

- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 6 FT., TYPE 1
- BENCH, 6 FT., TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT
- STRUCTURAL SOIL

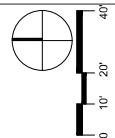


DRAWN: P.H., D.M., M.A.	SECTION NO.	PROJECT NO. 544-510	DRAWING NO.
CHECKED: B.B.	SECTION NO.		L-14
APPROVED: M.F.	SECTION NO.		SHEET NO.
DATE: 10/27/2023	SECTION NO.		194
REVISIONS:	DESCRIPTION:	LANDSCAPE PLANS	
		HARDSCAPE ENLARGEMENT LAYOUT	
		CITY OF CHICAGO	111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT
		DEPARTMENT OF TRANSPORTATION	
		DIVISION OF PROJECT DEVELOPMENT	
		30 N. LaSalle St., Suite 2624 - Chicago, Illinois 60602	
		Tel: 312.726.5910 - Fax: 312.726.5911	
		www.chicagotransit.com	



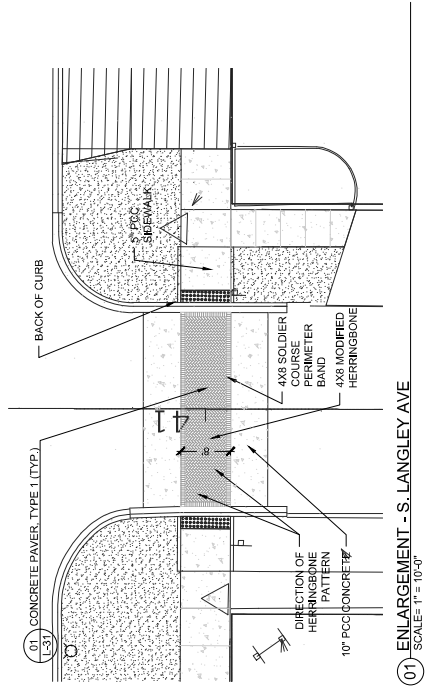
LEGEND

○	TREE - EXISTING TO REMAIN
○	TREE - PROPOSED
○	TRASH RECEPTACLE, TYPE 1
○	BIKE RACKS
○	ROADWAY LIGHT
○	PEDESTRIAN LIGHT
○	BENCH, 6FT, TYPE 1
○	BENCH, 6FT, TYPE 2
○	CONCRETE PAVERS, TYPE 1
○	CONCRETE PAVERS, TYPE 2
○	CLAY BRICK PAVERS
○	P.C.C. CONCRETE
○	SODDING, SALT TOLERANT
○	STRUCTURAL SOIL

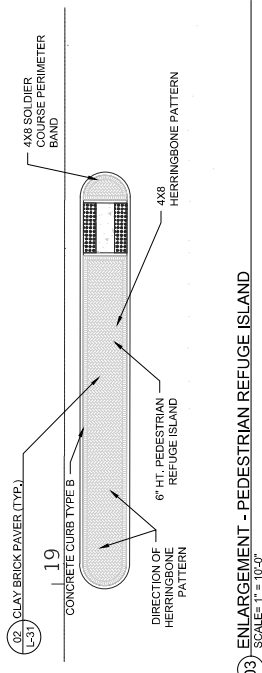


01 ENLARGEMENT - S. ST. LAWRENCE AVE
SCALE = 1" = 10'-0"

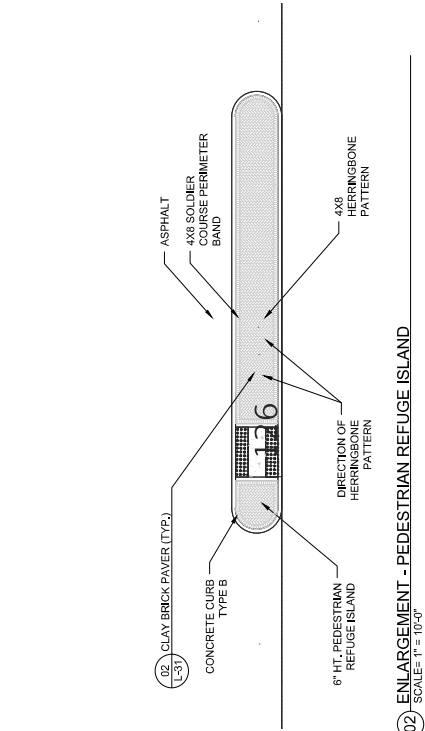
DRAWN: P.H., D.M., M.A.	CITY OF CHICAGO	LANDSCAPE PLANS	DRAWING NO.
CHECKED: B/B	DEPARTMENT OF TRANSPORTATION	HARDSCAPE ENLARGEMENT	L-15
APPROVED: M/F	DIVISION OF PROJECT DEVELOPMENT	111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	SHEET NO.
DATE: 10/27/2023			196
REVISIONS:			SECTION NO. 544-50
DATE			PROJECT NO. 544-50
REVISOR			
DESCRIPTION			



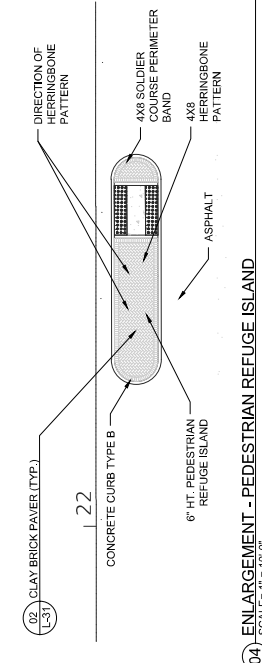
01 ENLARGEMENT - S. LANGLEY AVE
SCALE: 1" = 10'-0"



02 ENLARGEMENT - PEDESTRIAN REFUGE ISLAND
SCALE: 1" = 10'-0"



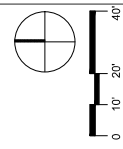
02 ENLARGEMENT - PEDESTRIAN REFUGE ISLAND
SCALE: 1" = 10'-0"



04 ENLARGEMENT - PEDESTRIAN REFUGE ISLAND
SCALE: 1" = 10'-0"

LEGEND

- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 8FT., TYPE 1
- BENCH, 8FT., TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT
- STRUCTURAL SOIL



DRAWN: P.H., J.D.K., M.A.	DATE:	REVISION BY:	DESCRIPTION:
CHECKED: B.B.	DATE:	REVISION BY:	DESCRIPTION:
APPROVED: M.F.	DATE:	REVISION BY:	DESCRIPTION:
DATE: 10/27/2023			

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

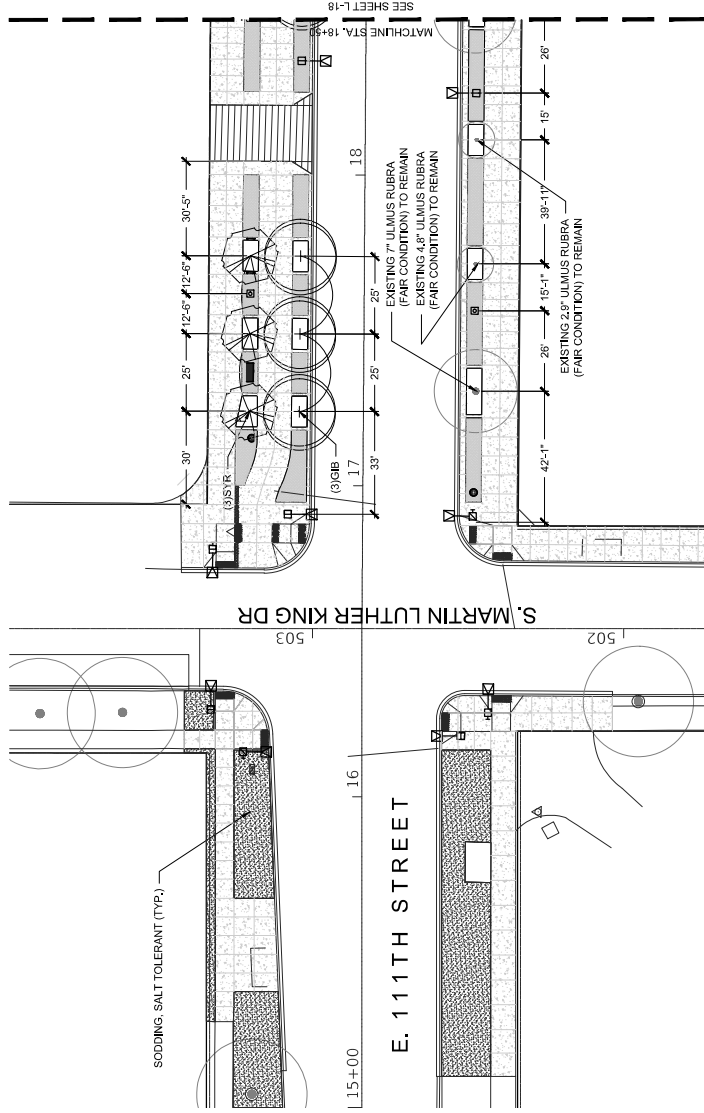


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www.civitrack.com

11th STREET AND COTTAGE PLACE VENUE IMPROVEMENT

LANDSCAPE PLANS
HARDSCAPE ENLARGEMENT LAYOUT

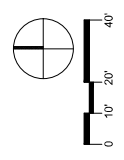
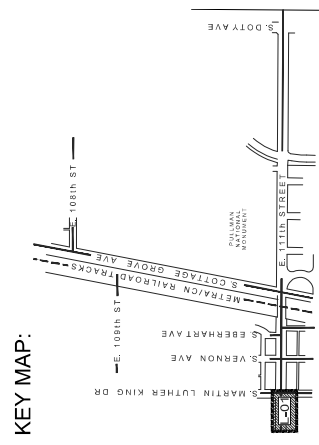
DRAWING NO. L-16
SHEET NO. 196
PROJECT NO. 544-510
SECTION NO.

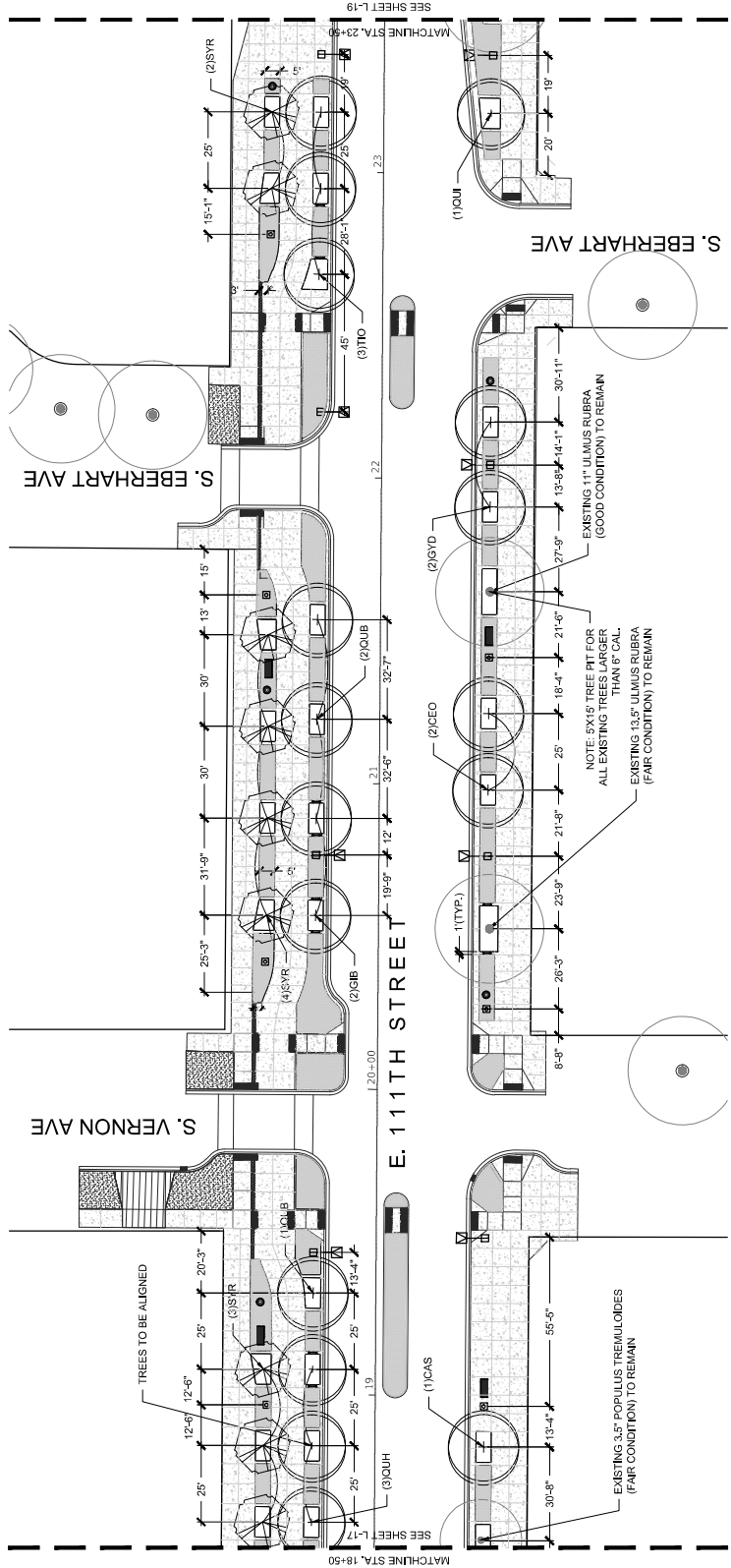


LEGEND

- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 8FT, TYPE 1
- BENCH, 8FT, TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT
- STRUCTURAL SOIL

Plant Code	Qty	Size	Botanical Name	Common Name	Comments
GIB	3	12.5'-3' CAL.	GINCGO TREE	SHADE TREES	MALE ONLY
SYR	3	12.5'-3' CAL.	STRONGA RETICULATA 'YORK SILK'	ORNAMENTAL TREES	YORK SILK JAPANESE ELAC





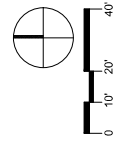
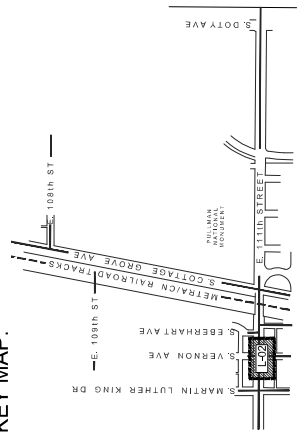
LEGEND

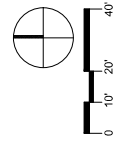
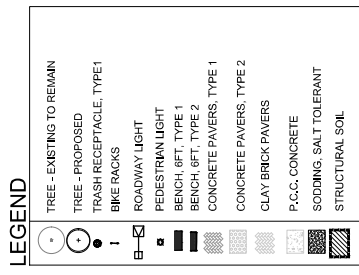
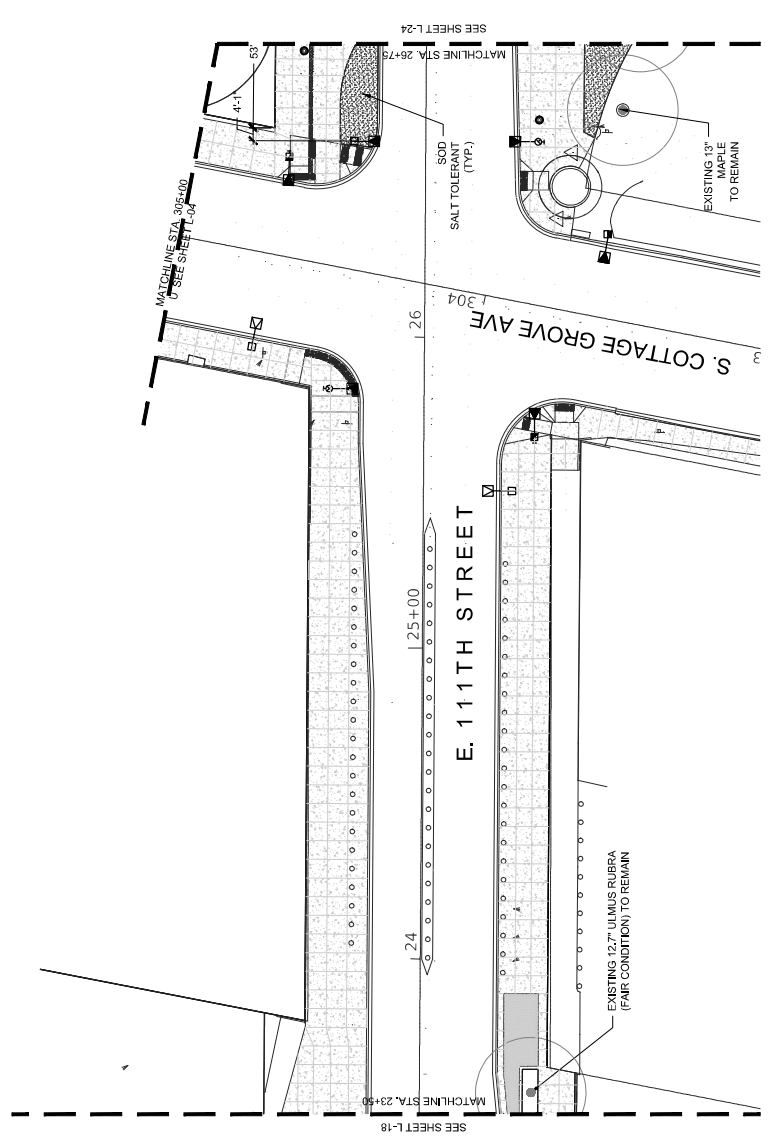
- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 6FT, TYPE 1
- BENCH, 6FT, TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT
- STRUCTURAL SOIL

Collage Grove and 111th (Sheet L-18)

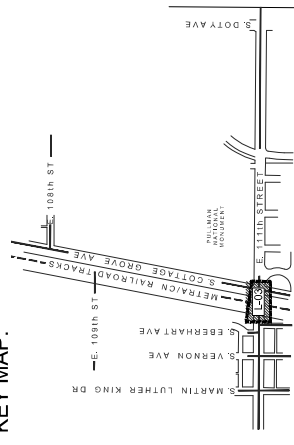
Plant Code	Qty	Size	Botanical Name	Shade Tree	Common Name	Comments
CEO	1	2.5'-3' CAL	CATALPA SPECIOSA	NORTHERN CATALPA		
CEO	2	2.5'-3' CAL	CELIS OCCIDENTALIS 'CHICAGO LAND'	CHICAGO LAND HAZELBERRY		
GB	2	2.5'-3' CAL	GINKGO BILOBA	GINKGO TREE		MALE ONLY
GOD	2	2.5'-3' CAL	GYNOCARDIUS DIOCOS	KENTUCKY COFFEE TREE		
QIB	3	2.5'-3' CAL	QUERCUS ILEX	SLIP OAK		
QIB	1	2.5'-3' CAL	QUERCUS SAMAMERLI 'CLEMONS'	HERITAGE OAK		
QIB	1	2.5'-3' CAL	QUERCUS INBRICATA	SHINGLE OAK		
TIO	3	2.5'-3' CAL	TILIA TOMENTOSA 'GREEN MOUNTAIN'	GREEN MOUNTAIN BASSWOOD		
					Ornamental Trees	
SYR	9	2.5'-3' CAL	SYRINGA RETICULATA 'YORK SUE'	YORK SUE JAPANESE LILAC		

KEY MAP:

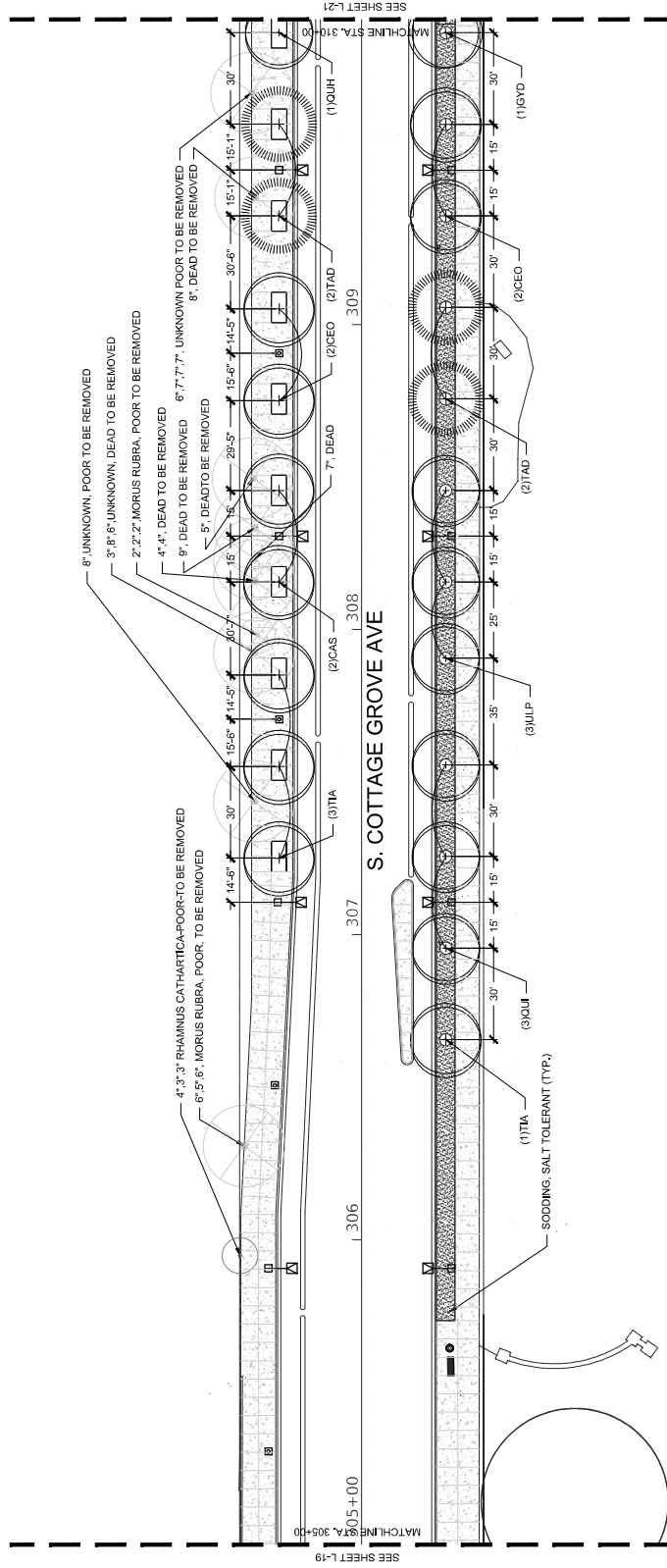




KEY MAP:



DRAWN: P.H., D.K., M.A.	DESCRIPTION:	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	DRAWING NO. L-19
CHECKED: B/B	DATE:	30 N. LaSalle St., Suite 2624 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.5911 www.chicagotransit.com	SECTION NO.	SHEET NO. 199
APPROVED: M/J	REVISED BY:		PROJECT NO. 544-510	
DATE: 10/27/2023				

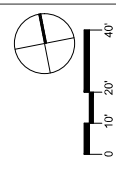
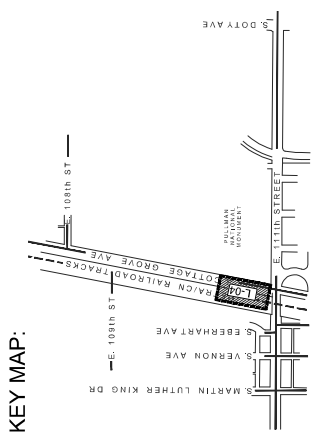


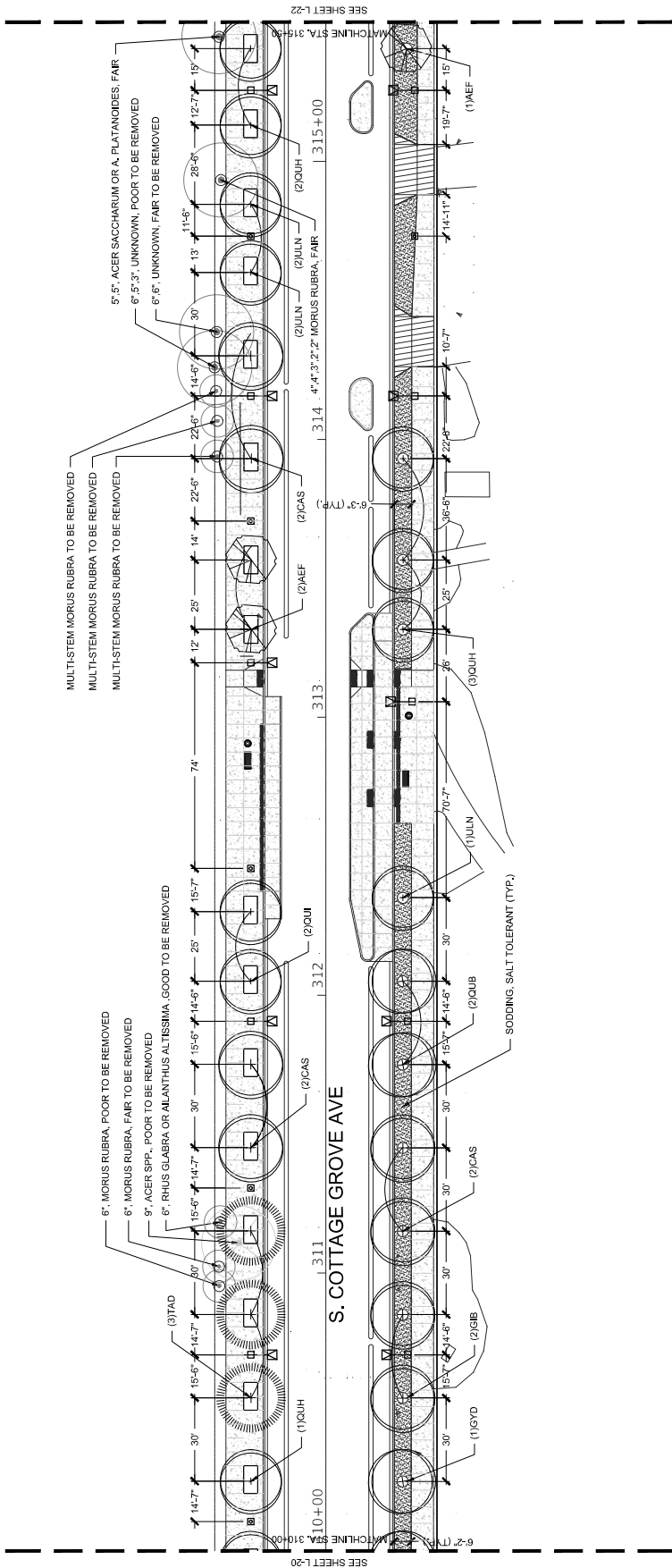
LEGEND

- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 8FT, TYPE 1
- BENCH, 8FT, TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT
- STRUCTURAL SOIL

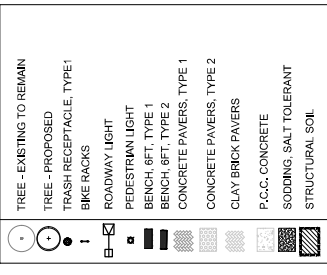
College Grove and LTH (Sheet L-20)

Plant Code	Qty	Size	Botanical Name	Shade Trees	Common Name	Comments
QAS	2	2.5'-3' CAL.	QUERCUS ALBA	NORTHERN CATALPA	WHITE OAK	
QOD	1	2.5'-3' CAL.	QUERCUS DORSTII	CHICKADEE	WHITE OAK	
QUH	1	2.5'-3' CAL.	QUERCUS HENRICI	HENRICY COFFEEBERRY	WHITE OAK	
QUJ	3	2.5'-3' CAL.	QUERCUS JAMAICANA	HERITAGE OAK	WHITE OAK	
TAD	4	2.5'-3' CAL.	TAXODIUM DISTICHUM	SHINGLE OAK	WHITE OAK	
TBA	4	2.5'-3' CAL.	TILIA AMERICANA	BAIRD CYPRESS	AMERICAN BASSWOOD	
ULP	3	1.5'-3' CAL.	ULMUS PARVIFOLIUS	PARROT TREE		





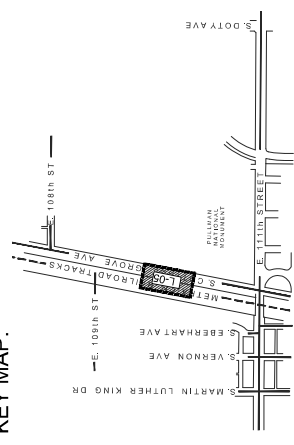
LEGEND

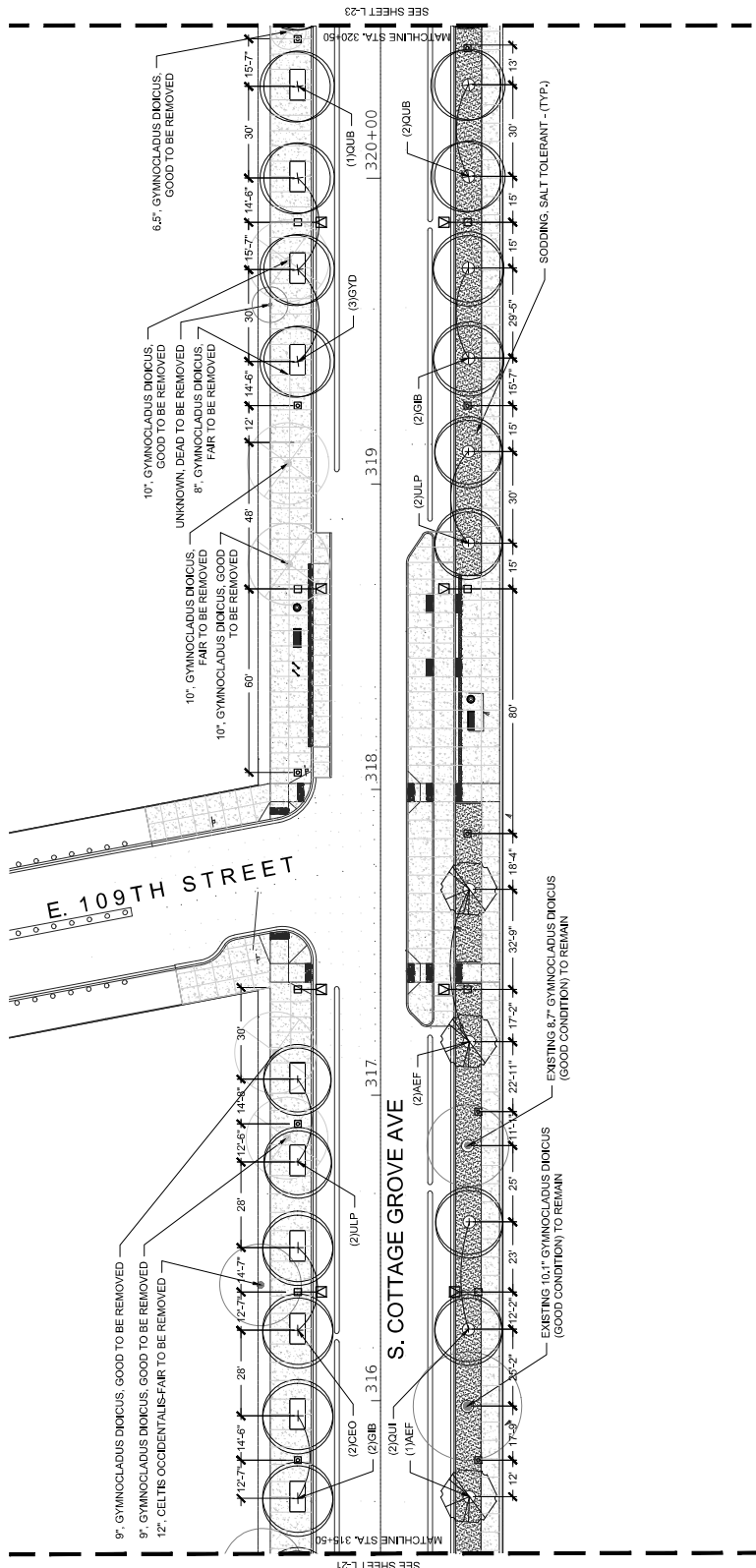


Collared Grove and 11th (Sheet L-21)

Plant Code	Qty	Size	Botanical Name	Shade Trees	Common Name	Comments
CAS	6	2.5'-3' CAL	CATALPA SPECIOSA	NORTHERN CATALPA		
GB	2	2.5'-3' CAL	GINKGO BILOBA	GINKGO TREE		MALE ONLY
QUB	2	2.5'-3' CAL	QUERCUS BICOLOR	SWAMP WHITE OAK		
QUB	6	2.5'-3' CAL	QUERCUS X MACDANIELI 'CLEMONS'	HERITAGE OAK		
QUB	2	2.5'-3' CAL	QUERCUS IMBRICATA	SHINGLE OAK		
TAD	3	2.5'-3' CAL	TAXODIUM DISTICHUM	BALD CYPRESS		
UN	3	2.5'-3' CAL	UNIDENTIFIED NEW HORIZON	NEW HORIZON ELM		
AEF	3	2.5'-3' CAL	AESCALUS FLAVA	YELLOW BUCKEYE		

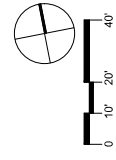
KEY MAP:





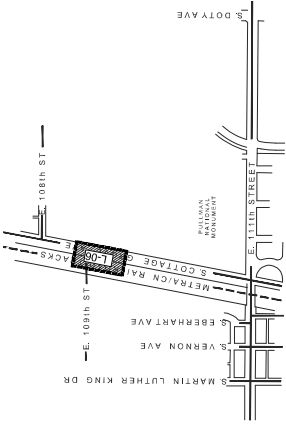
LEGEND

- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 8FT, TYPE 1
- BENCH, 8FT, TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT STRUCTURAL SOIL

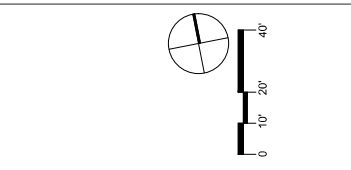
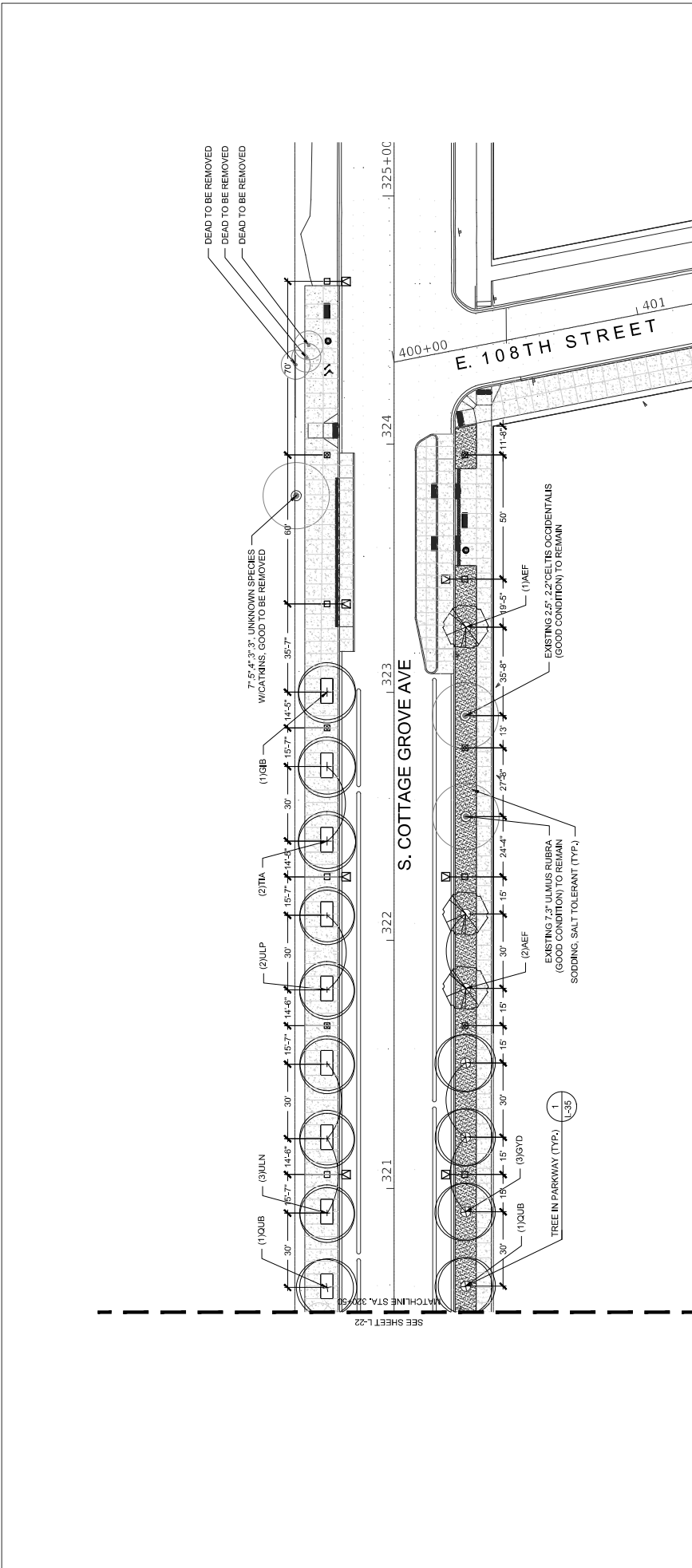


Plant Code	Qty	Size	Botanical Name	Common Name	Comments
CEO	2	2.5'-3' CAL	CEITIS OCCIDENTALIS 'CHICAGO LIND'	CHICAGO LIND HICKBERRY	
GOB	3	2.5'-3' CAL	GYMNOCLADUS DIOICUS	GYMNOCLADUS	MALE ONLY
QUB	3	2.5'-3' CAL	QUERULUS BICOLOR	SWAMP WHITE OAK	
QUP	2	2.5'-3' CAL	QUERULUS IMBRICATA	SHINGLE OAK	
UP	4	2.5'-3' CAL	ULMUS X PATRIOT	PATRIOT ELM	
AEF	3	2.5'-3' CAL	AMELUS FLAVA	YELLOW BUCKEYE	

KEY MAP:



DRAWN: P.H., D.M., M.A.	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	LANDSCAPE PLANS PLANTING LAYOUT	DRAWING NO. L-22
CHECKED: B.B.			SHEET NO. 202
APPROVED: M.F.			PROJECT NO. 544-510
DATE: 10/27/2023	REVISIONS:	SECTION NO.	
	DESCRIPTION:		

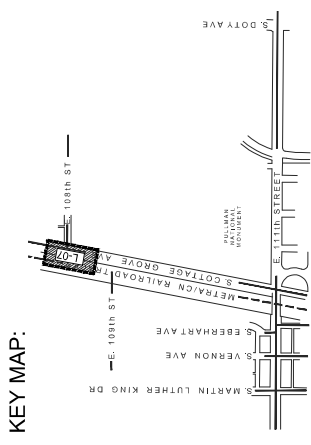


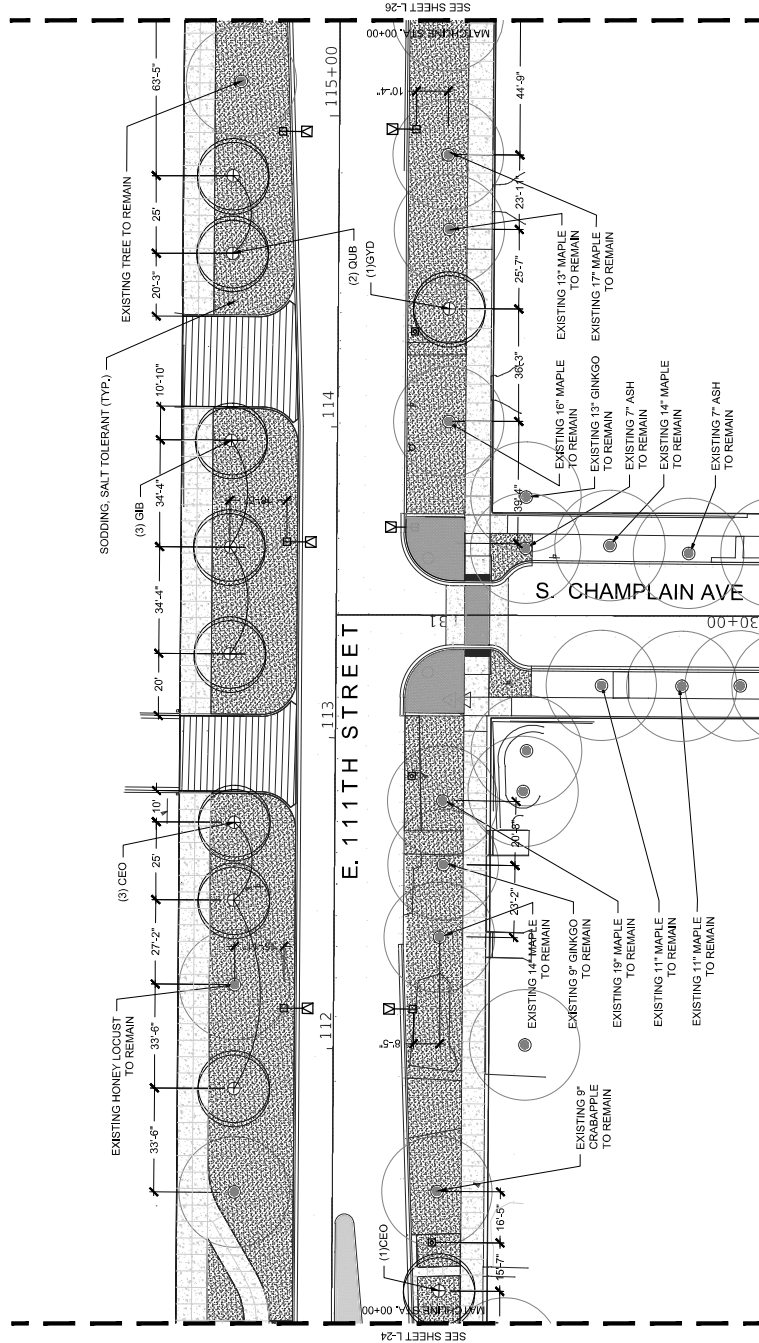
LEGEND

- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 6FT, TYPE 1
- BENCH, 6FT, TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT
- STRUCTURAL SOIL

College Grove and 111th (Sheet L-23)

Plant Code	Qty	Size	Botanical Name	Common Name	Shade Trees	Comments
GB	1	2.5'-3' CAL	GRANOSA BIRCH	GRANOSA TREE		MALE ONLY
QUB	3	2.5'-3' CAL	QUERCUS BICOLO	CHESTNUT		
TIA	2	2.5'-3' CAL	QUERCUS BICOLO	SWAMP WHITE OAK		
UEN	3	2.5'-3' CAL	TILIA AMERICANA	AMERICAN BASSWOOD		
ULP	2	2.5'-3' CAL	ULMUS X NEW HORIZON	NEW HORIZON ELM		
AEF	3	2.5'-3' CAL	ULMUS X PATRIOT	PATRIOT ELM	Ornamental Tree	
				YELLOW BUCKEYE		



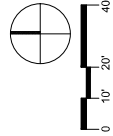
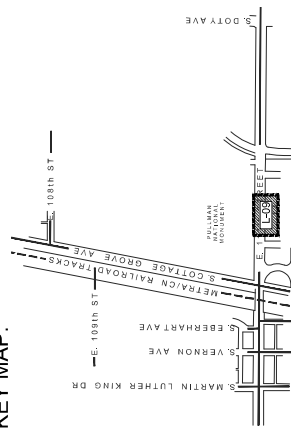


LEGEND

- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- TRASH RECEPTACLE, TYPE 1
- BIKE RACKS
- ROADWAY LIGHT
- PEDESTRIAN LIGHT
- BENCH, 6FT., TYPE 1
- BENCH, 6FT., TYPE 2
- CONCRETE PAVERS, TYPE 1
- CONCRETE PAVERS, TYPE 2
- CLAY BRICK PAVERS
- P.C.C. CONCRETE
- SODDING, SALT TOLERANT
- STRUCTURAL SOIL

Plant Code	Qty	Size	Botanical Name	Shade Tree	Common Name	Comments
CEO	4	2.5' 3" CAL.	ULMUS AMERICANUS	CHICAGO	AMERICAN BIRCH	
CEO	4	2.5' 3" CAL.	FRAXINUS AMERICANA	CHICAGO	HAWTHORN	
GB	3	2.5' 3" CAL.	QUERCUS BILBOA	CHICAGO	BALTIMORE OAK	MALE ONLY
GVD	1	2.5' 3" CAL.	QUERCUS DIROCA	CHICAGO	RED BELLIED OAK	
QUR	2	2.5' 3" CAL.	QUERCUS BICOLOR	CHICAGO	SWAMP WHITE OAK	

KEY MAP:



DRAWN: P.H., D.M., M.A.	CITY OF CHICAGO	111th STREET AND S. CHAMPLAIN AVENUE	LANDSCAPE PLANS	DRAWING NO. L-25
CHECKED: B.B.	DEPARTMENT OF TRANSPORTATION	COTTAGE GROVE VENUE IMPROVEMENT	PLANTING LAYOUT	SHEET NO. 205
APPROVED: M.F.	DIVISION OF PROJECT DEVELOPMENT			PROJECT NO. 544-510
DATE: 10/27/2023				SECTION NO. 205

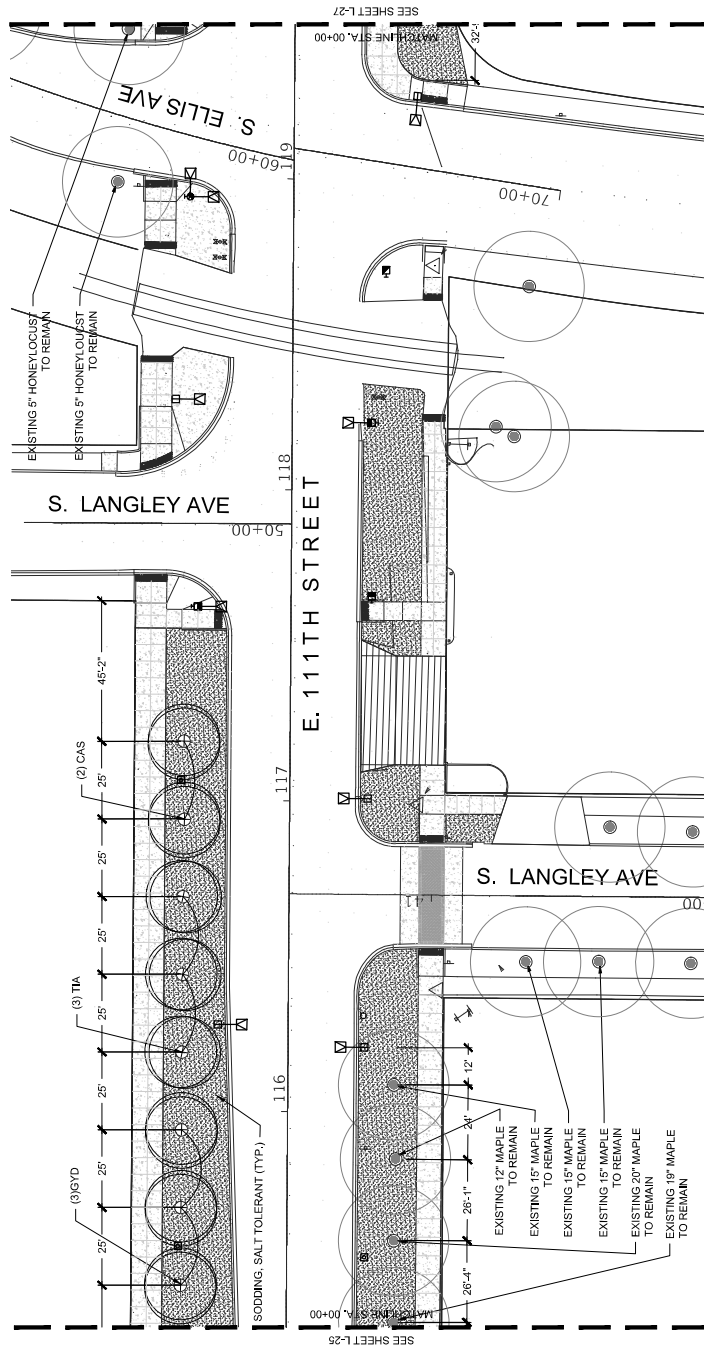
30 N. LaSalle St., Suite 2624 - Chicago, Illinois 60602
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CIVILTRAC

DRAWN: P.H., D.M., M.A.
CHECKED: B.B.
APPROVED: M.F.
DATE: 10/27/2023

REVISIONS:

NO.	DATE	DESCRIPTION

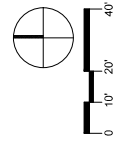
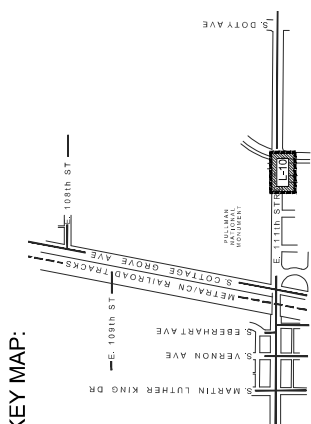


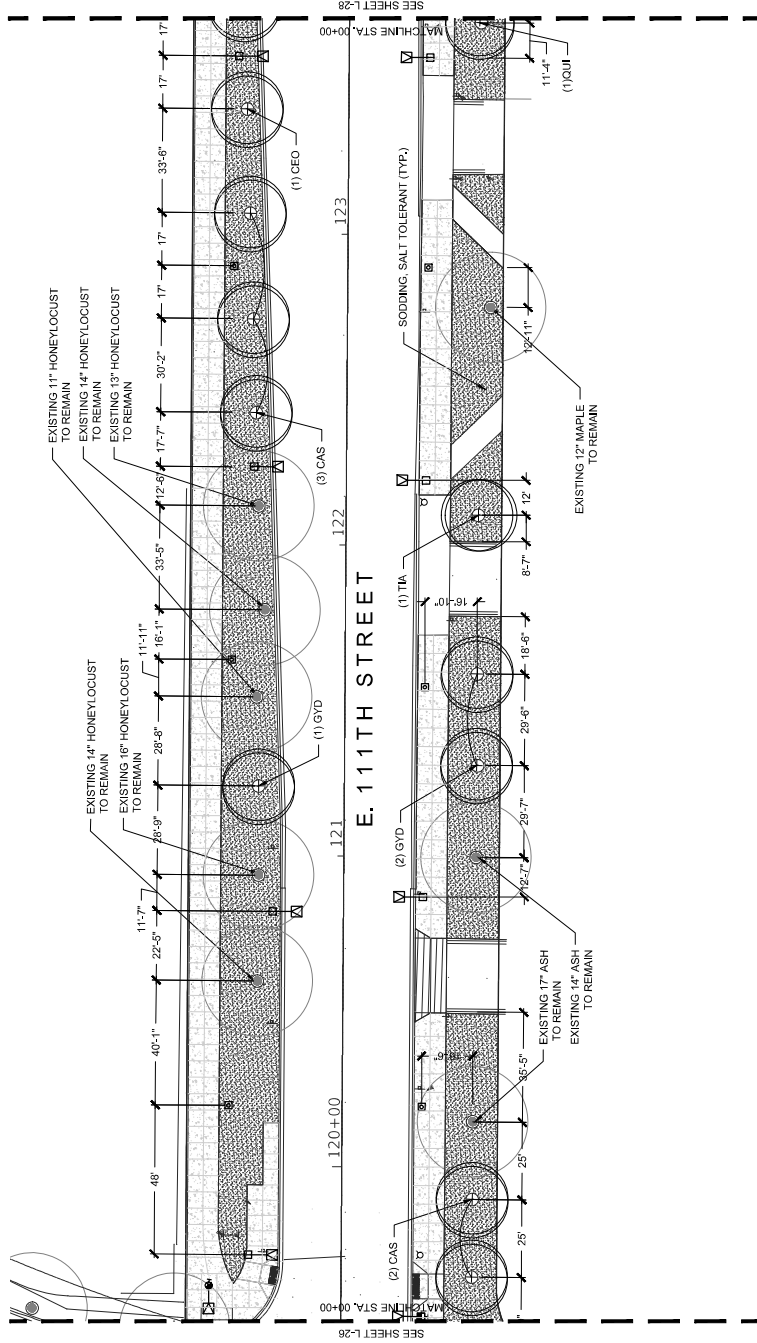
LEGEND

	TREE - EXISTING TO REMAIN
	TREE - PROPOSED
	TRASH RECEPTACLE, TYPE 1
	BIKE RACKS
	ROADWAY LIGHT
	PEDESTRIAN LIGHT
	BENCH, 6FT, TYPE 1
	BENCH, 6FT, TYPE 2
	CONCRETE PAVERS, TYPE 1
	CONCRETE PAVERS, TYPE 2
	CLAY BRICK PAVERS
	P.C.C. CONCRETE
	SODDING, SALT TOLERANT
	STRUCTURAL SOIL

College Grove and 111th (Sheet L-26)

Plant Code	Qty	Size	Botanical Name	Shade Trees	Common Name	Comments
GS	2	2.5'-3'CAL	CATALPA SPECIOSA		NORTHERN CATALPA	
TA	3	2.5'-3'CAL	TRIALIA AMERICANA		AMERICAN BASSWOOD	



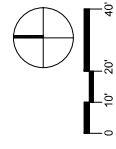
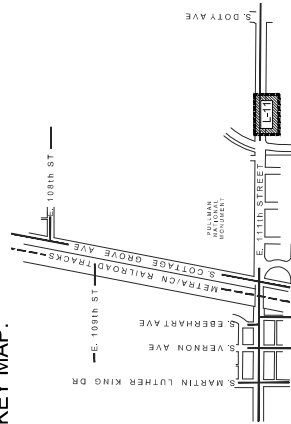


LEGEND

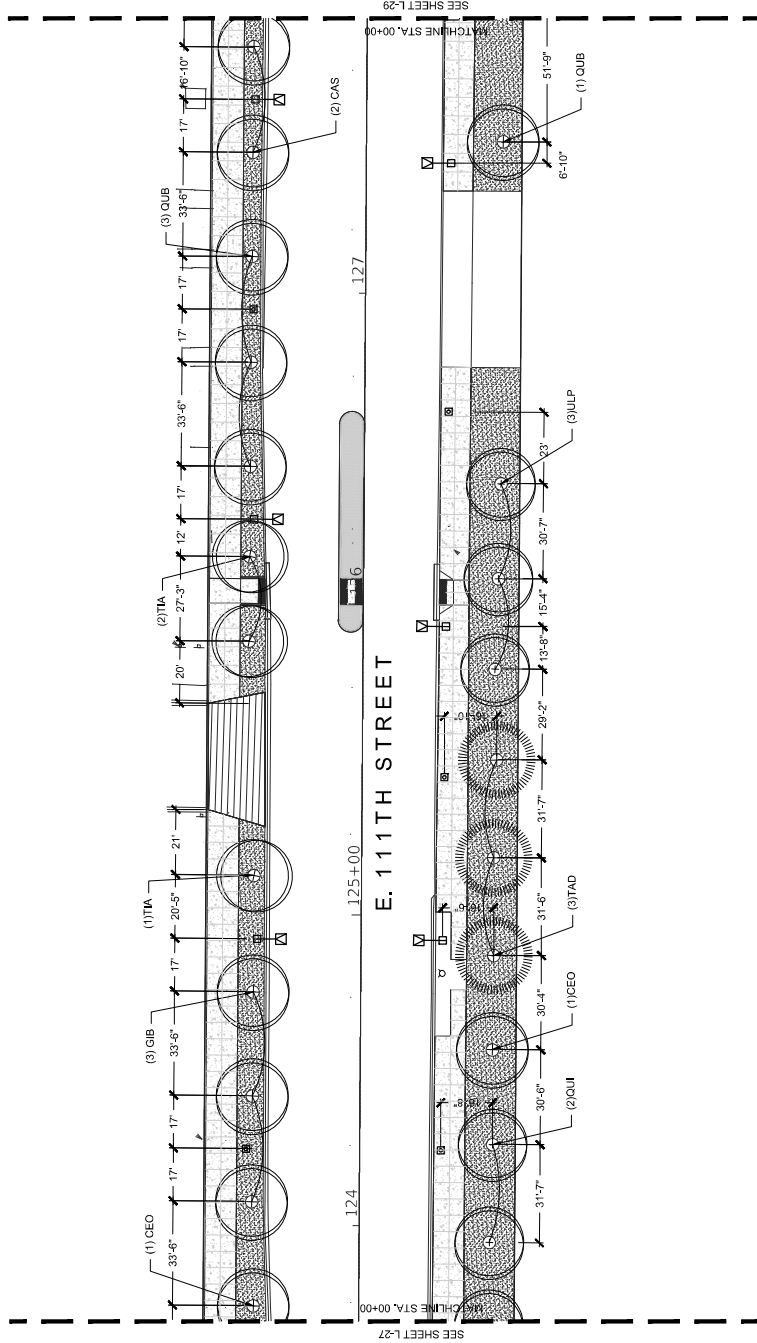
	TREE - EXISTING TO REMAIN
	TREE - PROPOSED
	TRASH RECEPTACLE, TYPE 1
	BIKE RACKS
	ROADWAY LIGHT
	PEDESTRIAN LIGHT
	BENCH, 8FT, TYPE 1
	BENCH, 8FT, TYPE 2
	CONCRETE PAVERS, TYPE 1
	CONCRETE PAVERS, TYPE 2
	CLAY BRICK PAVERS
	P.C.C. CONCRETE
	SODDING, SALT TOLERANT
	STRUCTURAL SOIL

Plant Code	Qty	Size	Botanical Name	Shade Trees	Common Name	Comments
CAS	5	2.0'-3'CAL	FRAXINUS AMERICANA		AMERICAN ASH	
CAS	3	2.0'-3'CAL	FRAXINUS AMERICANA		AMERICAN ASH	
G'D	3	2.0'-3'CAL	GLYCYRRHIZA GLABRA		GLYCYRRHIZA	
Q'U	1	2.0'-3'CAL	QUERCUS IMBRICATA		SHINGLE OAK	
T'IA	1	2.0'-3'CAL	TILIA AMERICANA		AMERICAN BASWOOD	

KEY MAP:

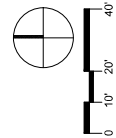


DRAWN: P.H., D.M., M.A.	CITY OF CHICAGO	DEPARTMENT OF TRANSPORTATION	111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	DRAWING NO. L-27	SHEET NO. 207
CHECKED: B.B.	30 N. LaSalle St. Suite 2624 - Chicago, Illinois 60602	DIVISION OF PROJECT DEVELOPMENT		PROJECT NO. 544-510	
APPROVED: M.J.F.	Tel: 312.726.5910 - Fax: 312.726.5911			SECTION NO.	
DATE: 10/27/2023	www.chicagotransit.com			SCALE: 1" = 20'-0"	
REVISED BY:					
DATE:					
DESCRIPTION:					



LEGEND

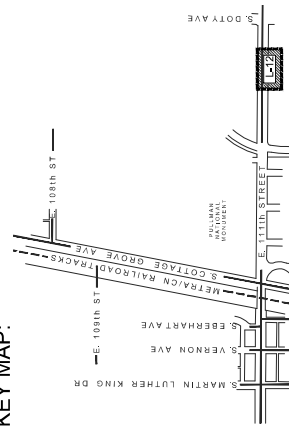
- TREE - EXISTING TO REMAIN
- TREE - PROPOSED
- ☒ TRASH RECEPTACLE, TYPE 1
- ☒ BIKE RACKS
- ☒ ROADWAY LIGHT
- ☒ PEDESTRIAN LIGHT
- ☒ BENCH, 6FT, TYPE 1
- ☒ BENCH, 6FT, TYPE 2
- ☒ CONCRETE PAVERS, TYPE 1
- ☒ CONCRETE PAVERS, TYPE 2
- ☒ CLAY BRICK PAVERS
- ☒ P.C.C. CONCRETE
- ☒ SODDING, SALT TOLERANT
- ☒ STRUCTURAL SOIL

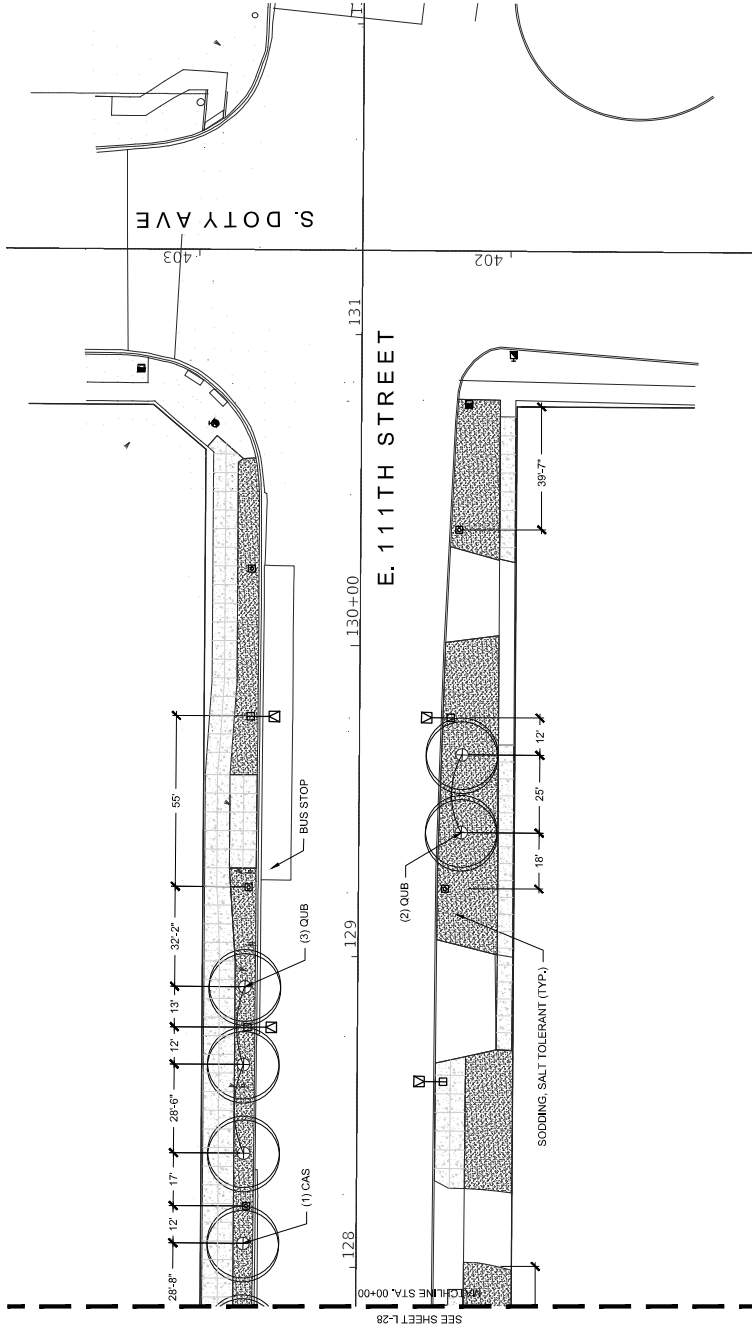


College Grove and 111th (Sheet L-28)

Plant Code	Qty	Size	Botanical Name	Shade Tree	Common Name	Comments
CAS	2	2.5'-3' CAL.	CATALPA SPECIOSA	NORTHERN CATALPA		
CEO	7	2.5'-3' CAL.	CELTIS OCCIDENTALIS 'CHICAGOLAND'	CHICAGOLAND HACKBERRY		
GB	3	2.5'-3' CAL.	GINKGO BILBOA	GINKGO TREE	MALE ONLY	
QUB	4	2.5'-3' CAL.	QUERCUS BICOLOR	SWAMP WHITE OAK		
TAD	3	2.5'-3' CAL.	TAXODIUM DISTICHUM	BALD CYPRESS		
TIA	3	2.5'-3' CAL.	TILIA AMERICANA	AMERICAN BASSWOOD		
LUP	3	2.5'-3' CAL.	LUNARIA PATRIOT	PATRIOT ELM		

KEY MAP:



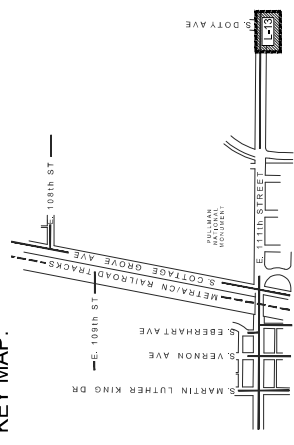


LEGEND

	TREE - EXISTING TO REMAIN
	TREE - PROPOSED
	TRASH RECEPTACLE, TYPE 1
	BIKE RACKS
	ROADWAY LIGHT
	PEDESTRIAN LIGHT
	BENCH, 6FT, TYPE 1
	BENCH, 6FT, TYPE 2
	CONCRETE PAVERS, TYPE 1
	CONCRETE PAVERS, TYPE 2
	CLAY BRICK PAVERS
	P.C.C. CONCRETE
	SODDING, SALT TOLERANT
	STRUCTURAL SOIL

College Grove and 111th (Sheet L-29)			
Plant Code	Qty	Size	Common Name
CAS	1	2 1/2' - 3' GAL	NORTHERN CRATAEGUS
QUB	3	1 1/2' - 2' GAL	SWAMP WHITE OAK

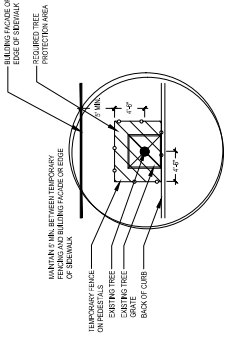
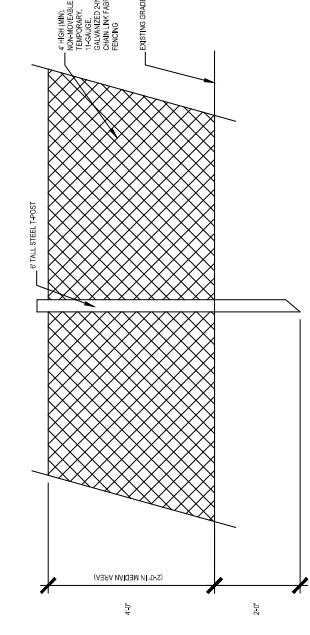
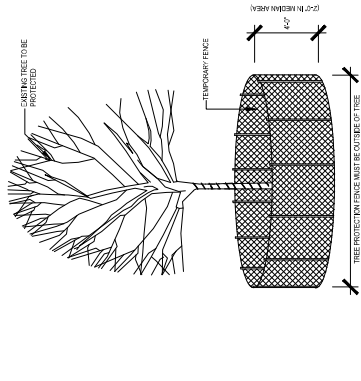
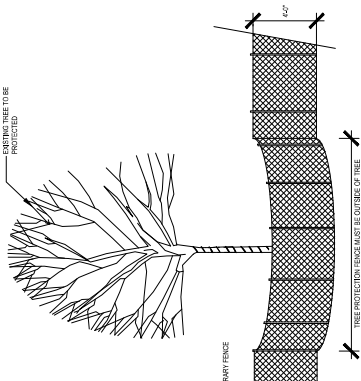
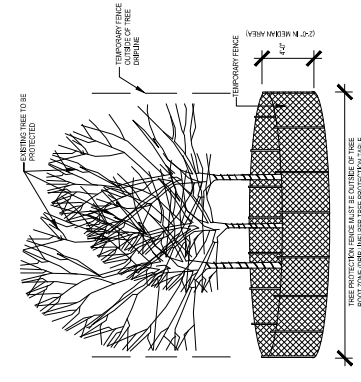
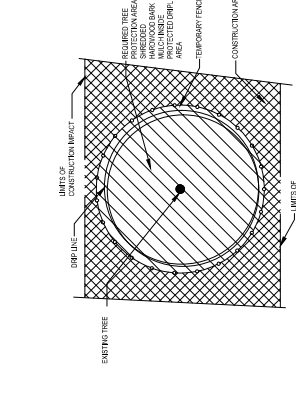
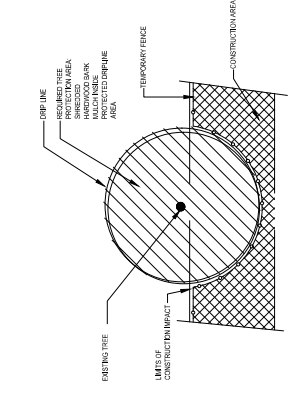
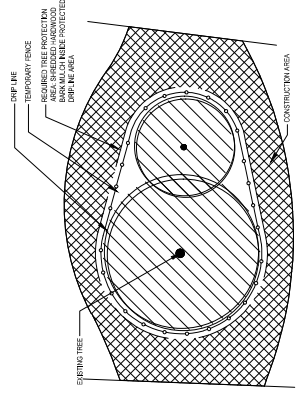
KEY MAP:



DRAWN: P.H., D.M., M.A.	DRAWING NO. L-29	SECTION NO. 209
CHECKED: B.B.	PROJECT NO. 544-510	
APPROVED: M.F.	111th STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	
DATE: 10/27/2023	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	
REVISIONS:		
DATE	DATE	DESCRIPTION



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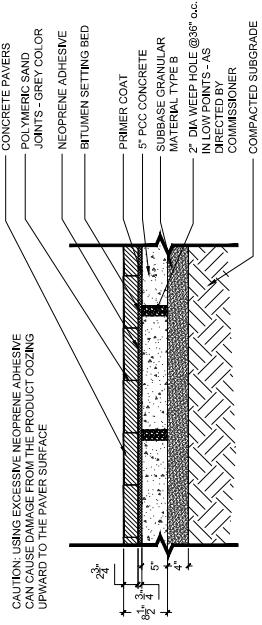
1 TREE PROTECTION

DRAWN: P.H.M.A.	CITY OF CHICAGO DEPARTMENT OF CITY DEVELOPMENT	1114 TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	LANDSCAPE DETAILS TREE PROTECTION	DRAWING NO. L-30
CHECKED: B.B.				SHEET NO. 210
APPROVED: M.F.				PROJECT NO. 54-451
DATE: 10/27/2023				SECTION NO.
REVISION BY	DATE	DESCRIPTION	SCALE/NOTES	

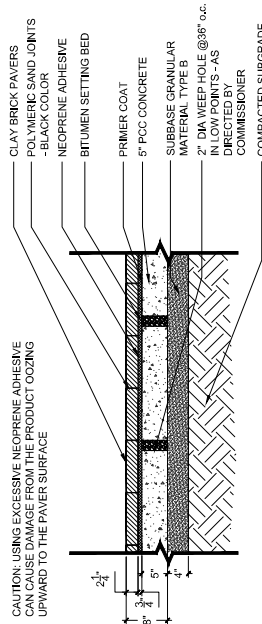


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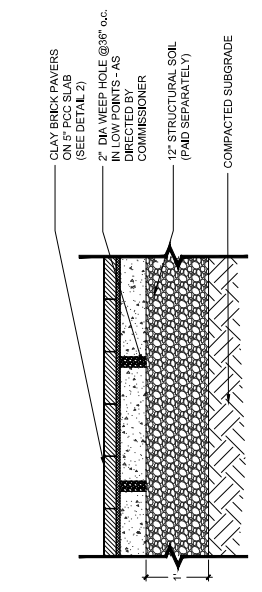
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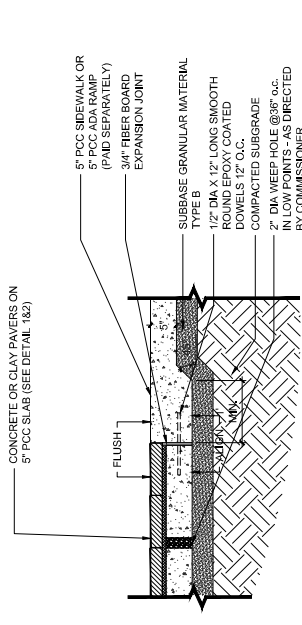
01 CONCRETE PAVERS - ON 5" PCC
SCALE: 1" = 1'-0"



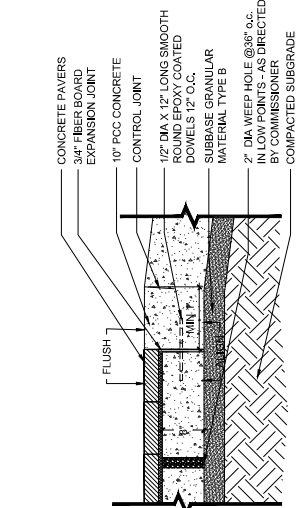
02 CLAY BRICK PAVERS - ON 5" PCC
SCALE: 1" = 1'-0"



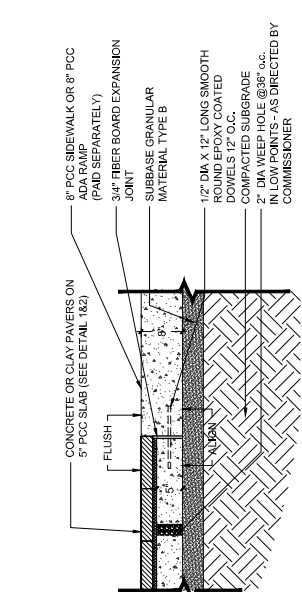
03 CLAY BRICK PAVERS - ON 5" PCC W/ STRUCTURAL SOIL
SCALE: 1" = 1'-0"



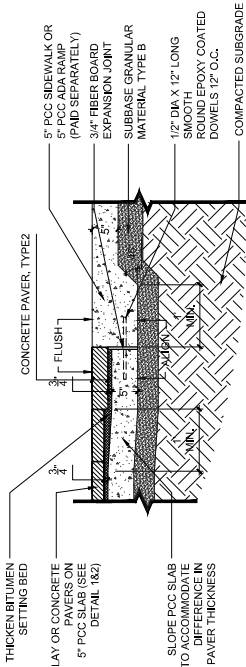
04 PAVERS - ADJACENT TO 5" PCC SIDEWALK
SCALE: 1" = 1'-0"



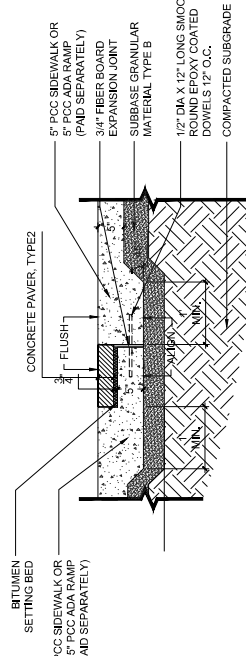
05 CONCRETE PAVERS - IN ROADWAY
SCALE: 1" = 1'-0"



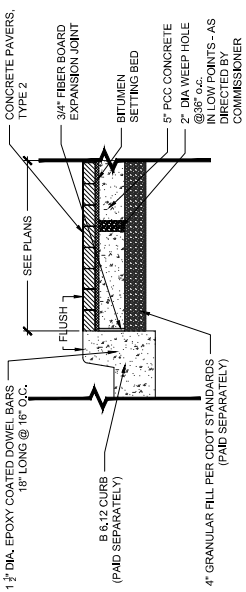
06 PAVERS - ADJACENT TO 8" PCC SIDEWALK
SCALE: 1" = 1'-0"



07 PAVERS - ADJACENT TO DIRECTIONAL CONCRETE PAVER
SCALE: 1" = 1'-0"



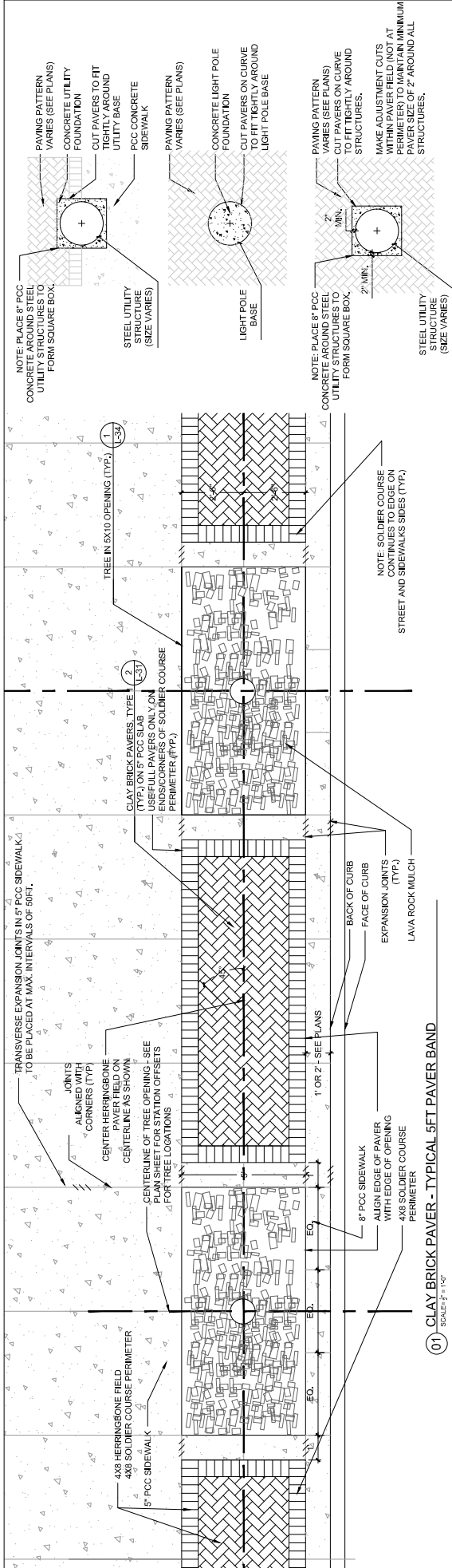
08 PAVERS - ADJACENT TO 5" PCC SIDEWALK / ADA RAMP
SCALE: 1" = 1'-0"



09 PAVERS - ADJACENT TO ROADWAY CURB
SCALE: 1" = 1'-0"

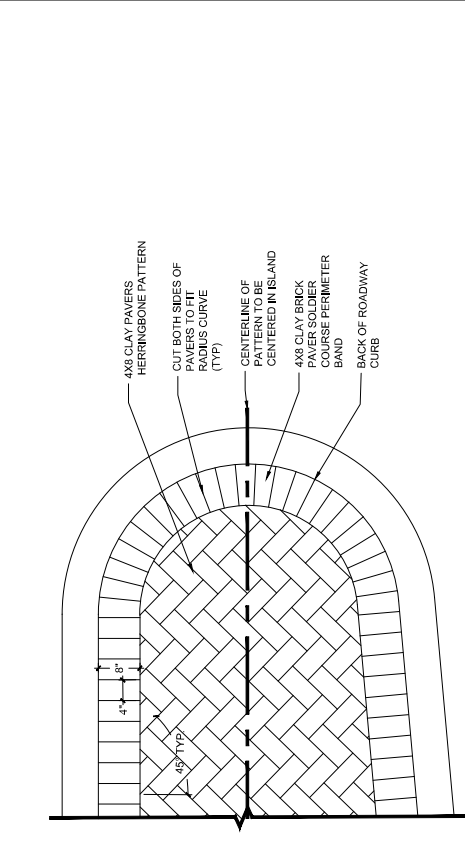
DRAWN:	P.H.I.M.A.	DATE:	10/27/2023	REVISION:	DESCRIPTION:
CHECKED:	B.B.				
APPROVED:	M.F.				
DATE:					

 CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	1111 STREET AND COTTAGE STREET AVENUE IMPROVEMENT	LANDSCAPE DETAILS PAVER SECTIONS	DRAWING NO. L-31 SHEET NO. 211
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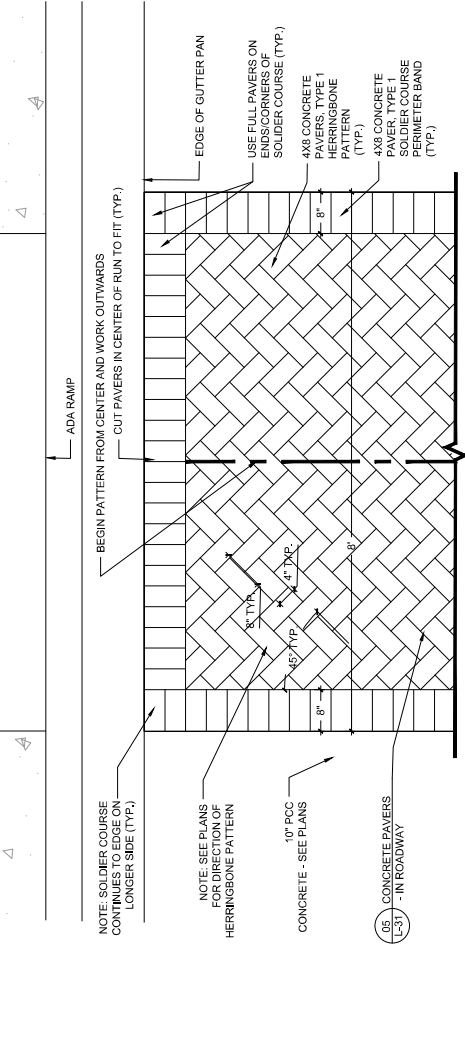


01 CLAY BRICK PAVEMENT - TYPICAL 5FT. PAVEMENT BAND
SCALE: 1/4" = 1'-0"

02 PAVERS AT LIGHT POLES AND STEEL UTILITY LIDS - PLAN
SCALE: 1/4" = 1'-0"

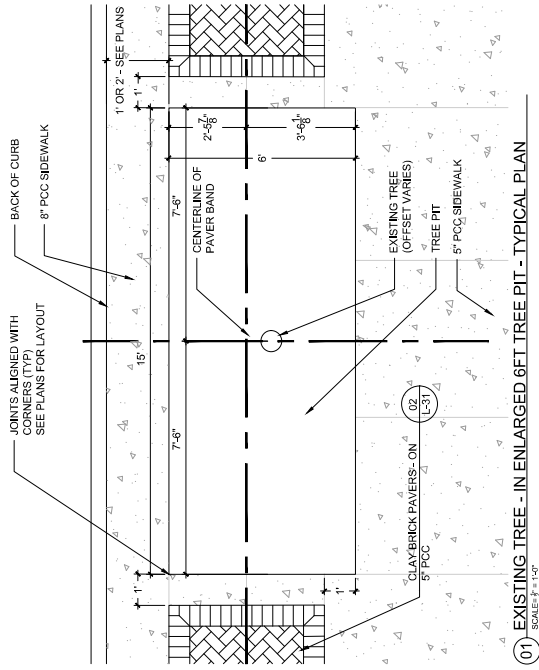


04 PAVEMENT DETAIL FOR PEDESTRIAN REFUGE ISLAND TYPICAL LAYOUT
SCALE: 1/4" = 1'-0"

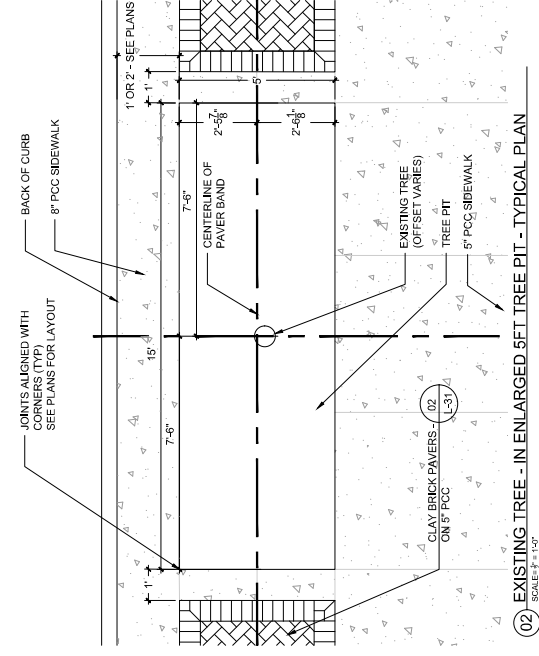


03 CONCRETE PAVEMENT: CROSSWALK TYPICAL LAYOUT
SCALE: 1/4" = 1'-0"

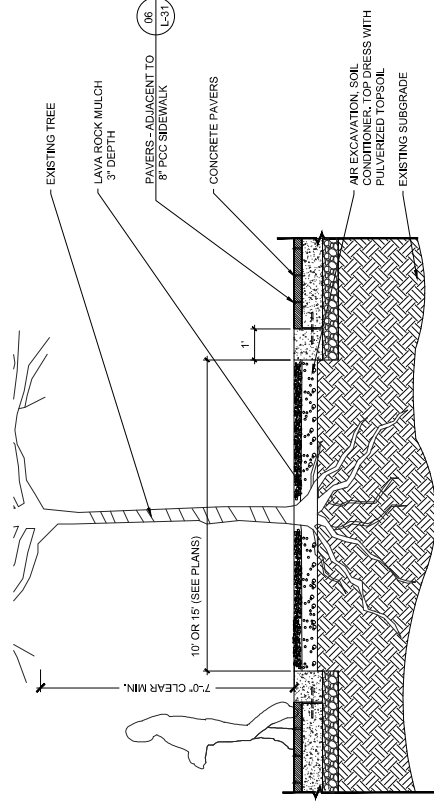
DRAWN: P.H.M.A.	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE STREET AVENUE IMPROVEMENT	LANDSCAPE DETAILS PAVEMENT AND TREE PIT LAYOUTS	DRAWING NO. L-32
CHECKED: B.B.				SHEET NO. 212
APPROVED: M.F.				PROJECT NO. 54H450
DATE: 10/27/2023				SECTION NO.
REVISED BY				
DATE				
DESCRIPTION				



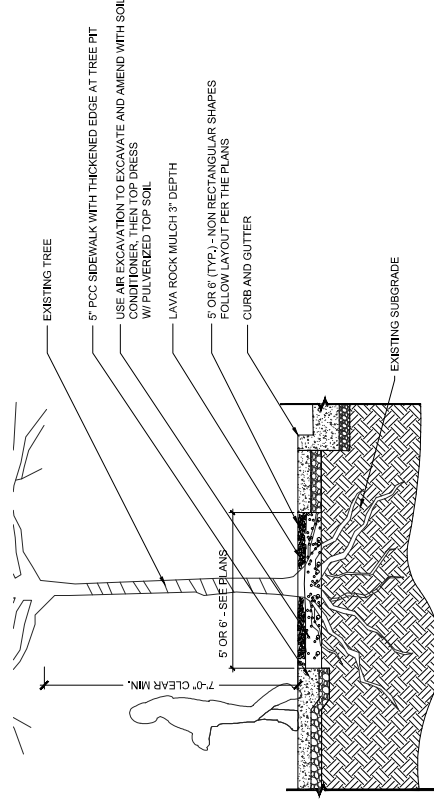
01 EXISTING TREE - IN ENLARGED 6FT TREE PIT - TYPICAL PLAN
SCALE: 1/4" = 1'-0"



02 EXISTING TREE - IN ENLARGED 5FT TREE PIT - TYPICAL PLAN
SCALE: 1/4" = 1'-0"



03 EXISTING TREE - IN ENLARGED TREE PIT - SECTION
SCALE: 1/4" = 1'-0"



04 EXISTING TREE - IN ENLARGED TREE PIT - SECTION
SCALE: 1/4" = 1'-0"

DRAWN:	P.H.I.M.A.
CHECKED:	B.B.B.
APPROVED:	M.F.
DATE:	10/27/2023

REVISED BY:	DATE:	DESCRIPTION:



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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

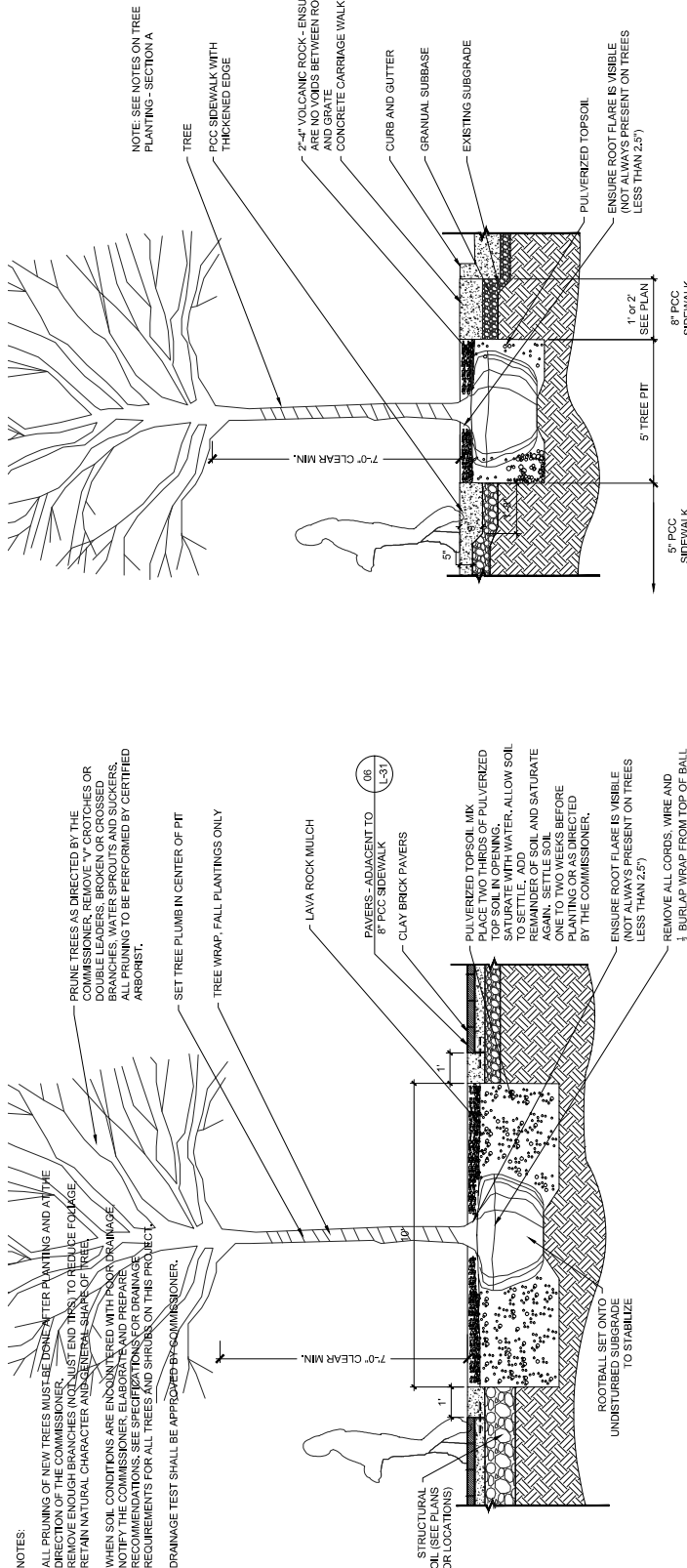
1114 STREET AND
COTTAGE CORNER AVENUE
IMPROVEMENT

LANDSCAPE DETAILS
TREE PIT SECTIONS

PROJECT NO. 54450
SECTION NO.

DRAWING NO.
L-33
SHEET NO.
213

NOT EXISTING



NOTES:

ALL PRUNING OF NEW TREES MUST BE DONE AFTER PLANTING AND AT THE DIRECTION OF THE COMMISSIONER.

REMOVE ENOUGH BRANCHES (NOT JUST END TIPS) TO REDUCE FOLIAGE DENSITY TO MAINTAIN NATURAL CHARACTER AND GENERAL SHAPE OF TREE.

WHEN SOIL CONDITIONS ARE ENCOUNTERED WITHIN TREE PIT, THE COMMISSIONER SHALL PROVIDE SPECIFICATIONS FOR DRAINAGE REQUIREMENTS FOR ALL TREES AND SHRUBS ON THIS PROJECT.

DRAINAGE TEST SHALL BE APPROVED BY COMMISSIONER.

PRUNE TREES AS DIRECTED BY THE COMMISSIONER. REMOVE "V" CROTCHES OR DOUBLE LEADERS, BROKEN OR CROSSED BRANCHES, WATER SPROUTS AND SUCKERS. ALL PRUNING TO BE PERFORMED BY CERTIFIED ARBORIST.

SET TREE PLUMB IN CENTER OF PIT.

TREE WRAP - FALL PLANTINGS ONLY.

7'-0" CLEAR MIN.

STRUCTURAL SOIL (SEE PLANS FOR LOCATIONS)

1'

1'

1'

7'-0" CLEAR MIN.

ROOT BALL SET ON TO UNDISTURBED SUBGRADE TO STABILIZE

PAVERS - ADJACENT TO 06 L-31

8" PCC SIDEWALK

CLAY BRICK PAVERS

8" PCC SIDEWALK

8" PCC SIDEWALK

LAVA ROCK MULCH

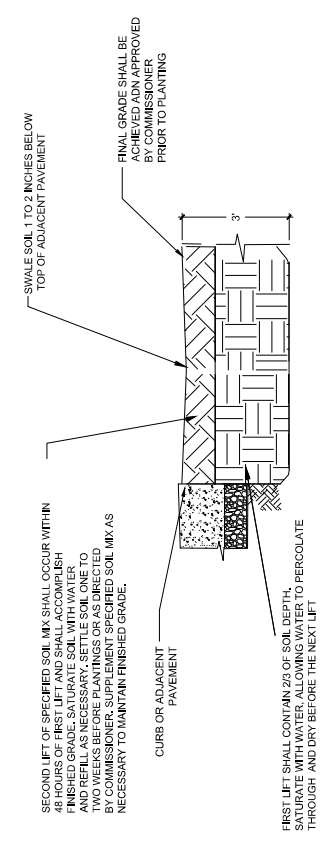
1' OF PULVERIZED TOP SOIL IN OPENING. ALLOW SOIL TO SETTLE. ADD REMAINDER OF SOIL AND SATURATE WITH WATER. SETTLE SOIL BEFORE PLANTING OR AS DIRECTED BY THE COMMISSIONER.

ENSURE ROOT FLARE IS VISIBLE (NOT ALWAYS PRESENT ON TREES LESS THAN 2.5')

REMOVE ALL CORDS, WIRE AND BURLAP WRAP FROM TOP OF BALL PRIOR TO BACKFILLING

01 TREE PLANTING - IN 5X10 TREE PIT - SECTION A
SCALE: 1/2" = 1'-0"

02 TREE PLANTING - IN 5X10 TREE PIT - SECTION B
SCALE: 1/2" = 1'-0"



CURB OR ADJACENT PAVEMENT

3"

SECOND LIFT OF SPECIFIED SOIL MIX SHALL OCCUR WITHIN 48 HOURS OF FIRST LIFT AND SHALL ACCOMPLISH FINISHED GRADE. SATURATE SOIL WITH WATER AND REFILL AS NECESSARY. SETTLE SOIL ONE TO TWO TIMES BEFORE PLANTINGS OR AS DIRECTED BY COMMISSIONER TO MAINTAIN FINISHED GRADE. NECESSARY TO MAINTAIN FINISHED GRADE.

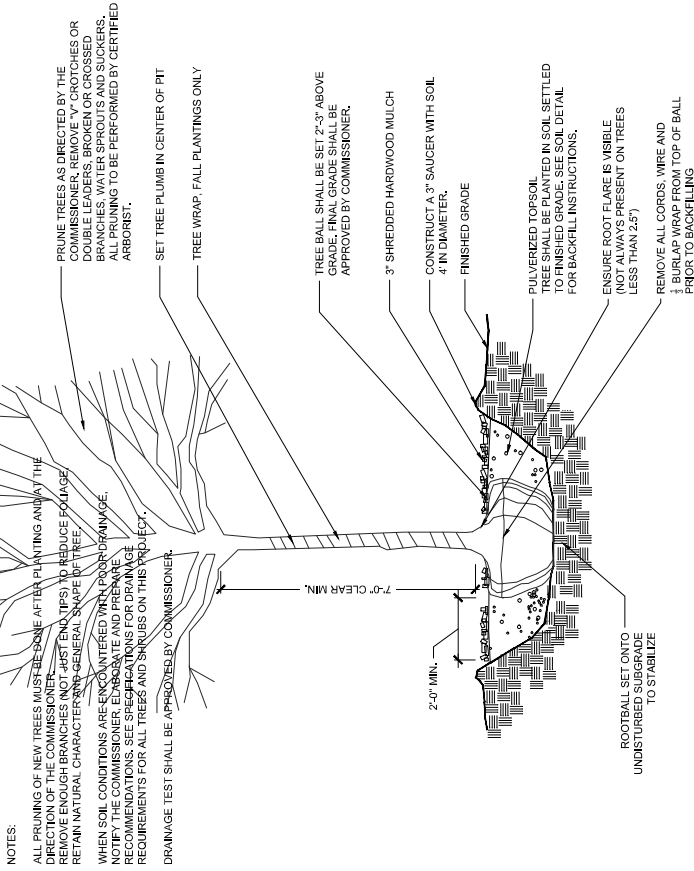
FINAL GRADE ADJ. APPROVED BY COMMISSIONER PRIOR TO PLANTING

SWALE SOIL 1 TO 2 INCHES BELOW TOP OF ADJACENT PAVEMENT

FIRST LIFT SHALL CONTAIN 2/3 OF SOIL DEPTH. SATURATE WITH WATER ALLOWING WATER TO PERCOLATE THROUGH AND DRY BEFORE THE NEXT LIFT

03 SOIL DETAIL - SECTION
SCALE: 1/2" = 1'-0"

DRAWN: P.H.M.A.	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENT	LANDSCAPE DETAILS PLANTING	DRAWING NO. L-34
CHECKED: B.B.				SHEET NO. 214
APPROVED: M.F.				SECTION NO. _____
DATE: 10/27/2023				SCALE: _____
REVISED BY:				PROJECT NO. S-14-150
DATE:				



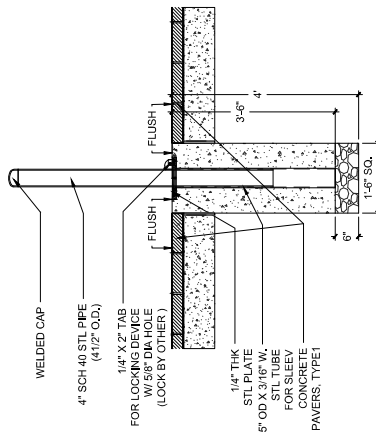
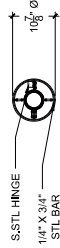
(01) TREE PLANTING - IN GRASS PARKWAY - SECTION
SCALE: 1" = 1'-0"

College Grove and 111th - Master Plant Schedule

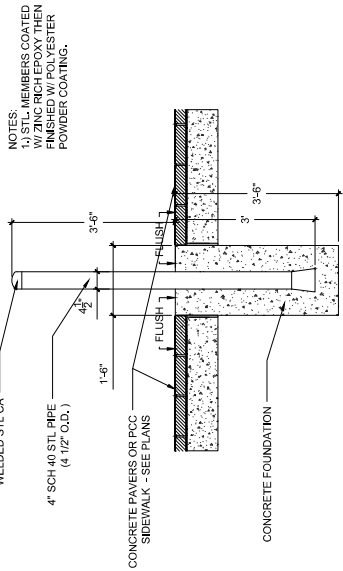
Plant Code	Qty	Size	Botanical Name	Common Name	Comments
GAS	19	2.5'-3' CAL	CATALPA SPECIOSA	NORTHERN CATALPA	
GOO	17	2.5'-3' CAL	CELTIS OCCIDENTALIS 'CHICAGO LAND'	CHICAGO LAND HICKBERRY	
GOB	18	2.5'-3' CAL	CELTIS OCCIDENTALIS 'BROOKLYN'	BROOKLYN HICKBERRY	
GOY	18	2.5'-3' CAL	CELTIS OCCIDENTALIS 'BROOKLYN'	KENTUCKY COFFEE TREE	MALE ONLY
QW8	23	2.5'-3' CAL	QUERULUS BICOLOR	SWAMP WHITE OAK	
QW9	10	2.5'-3' CAL	QUERULUS X MACDONALDII 'CLEMONS'	HERITAGE OAK	
QW1	11	2.5'-3' CAL	QUERULUS IMBRICATA	SINGLE OAK	
QW2	12	2.5'-3' CAL	QUERULUS IMBRICATA	SHINGLE OAK	
TAA	13	2.5'-3' CAL	TAXUS AMERICANA	AMERICAN BASSWOOD	
TOD	3	2.5'-3' CAL	TILIA TOMENTOSA 'GREEN MOUNTAIN'	GREEN MOUNTAIN BASSWOOD	COLUMNAR FORM
UN1	6	2.5'-3' CAL	ULMUS X 'NEW HORIZON'	NEW HORIZON ELM	
UNP	12	2.5'-3' CAL	ULMUS X 'PATRIOT'	PATRIOT ELM	
AKS	9	3'-5' CAL	ASCLEPIAS SYRIACA	MONARDELLA	
SYR	12	2.5'-3' CAL	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE LILAC	
DHL	7	5 GALL	DIERVILLA LONICERA	DWARF MONARDELLA	
HER	19	5 GALL	HEMEROCALLIS 'JOSY RETURNS'	JOSY RETURNS DAILY	

(02) MASTER PLAN LIST
SCALE: 1" = 1'-0"

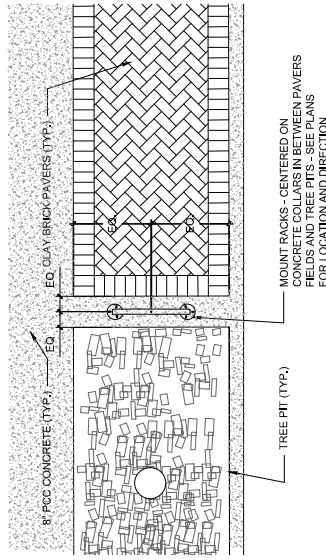




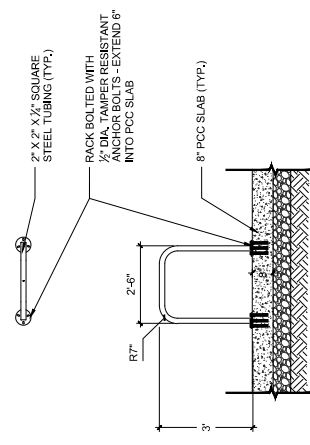
02 DECORATIVE STEEL BOLLARD - REMOVABLE
SCALE= 3/4\"/>



01 DECORATIVE STEEL BOLLARD
SCALE= 3/4\"/>



04 BIKE RACK TYPICAL - LAYOUT
SCALE= 1/2\"/>



03 BIKE RACK - SECTION
SCALE= 1/2\"/>

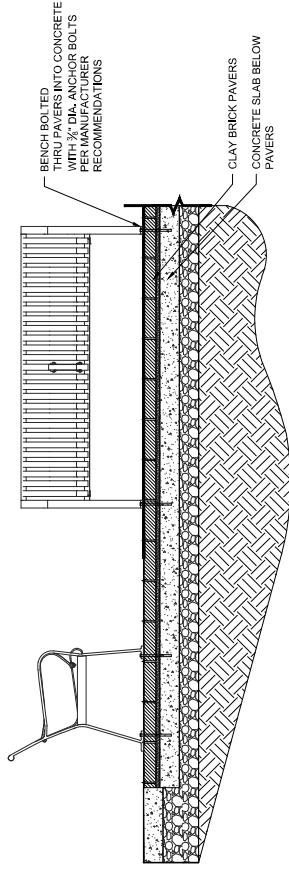
DRAWN: P.H.I.M.A.	PROJECT NO. 54-1450	SECTION NO.	DRAWING NO. L-36
CHECKED: B.B.	111TH STREET AND COTTAGE SQUARE AVENUE	SCALE	SHEET NO. 216
APPROVED: M.F.	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	LANDSCAPE DETAILS STREET FURNITURE	
DATE: 10/27/2023			

30 N. LaSalle St. Suite 2624 - Chicago, Illinois 60602
Tel: 312.726.5910 - Fax: 312.726.5911
www.chicagobike.com

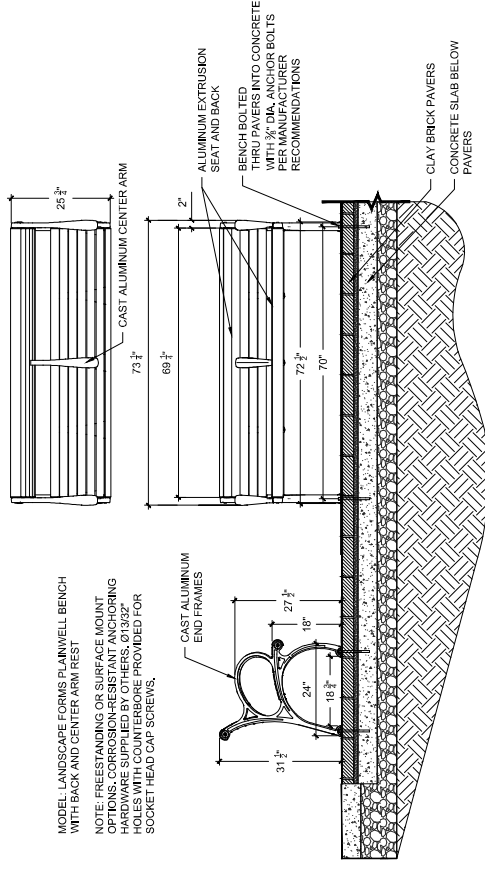


REVISION	DATE	DESCRIPTION

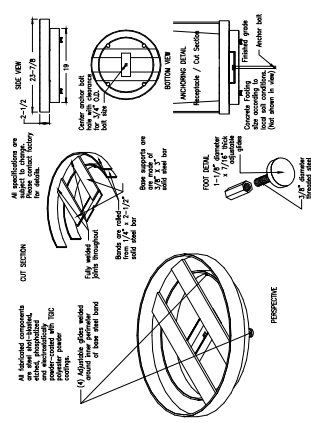
MODEL: VICTOR STANLEY RIBBON SERIES RB-28 WITH CENTER ARMREST



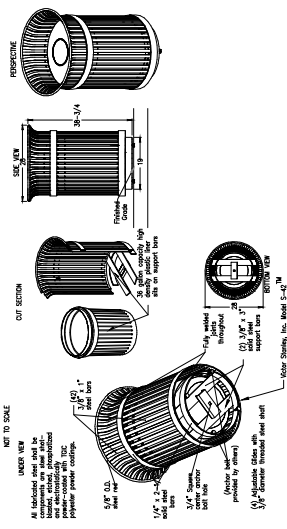
02 BENCH, 6FT, TYPE 1
SCALE: NTS



03 BENCH, 6FT, TYPE 2
SCALE: NTS



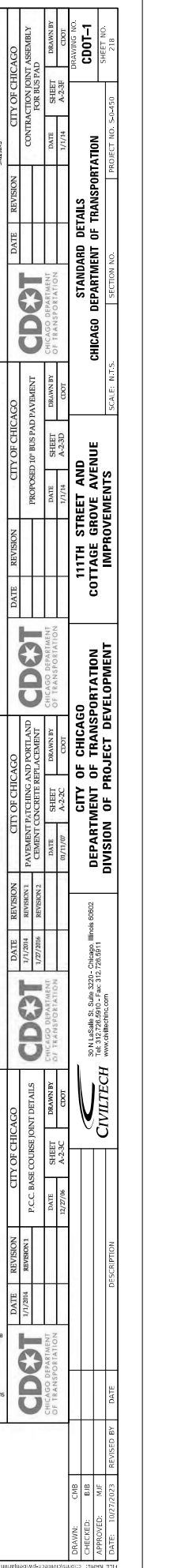
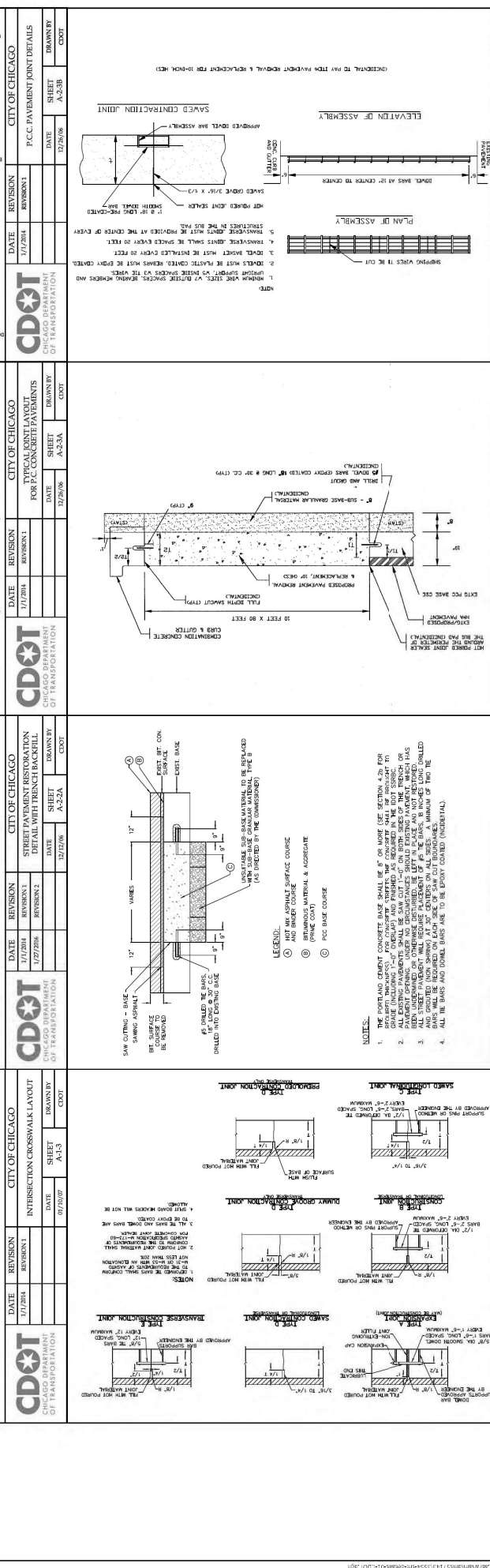
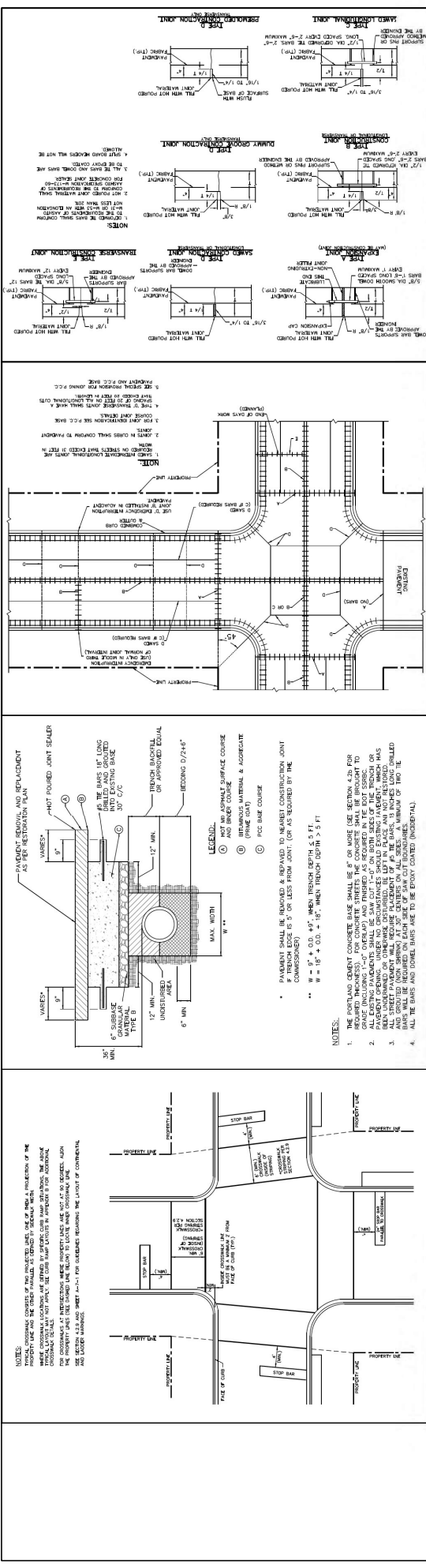
01 TRASH RECEPTACLE, TYPE 1
SCALE: NTS

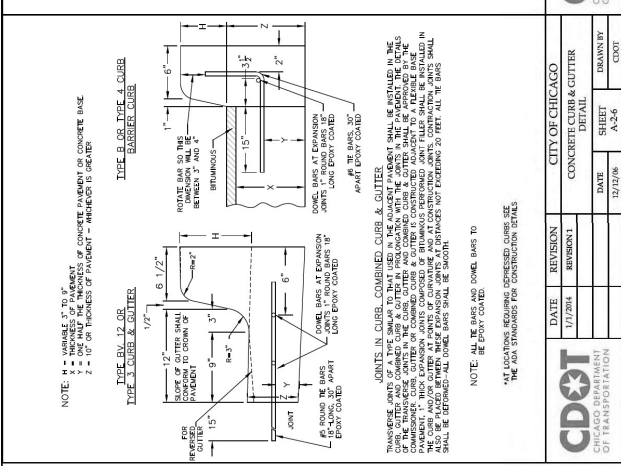
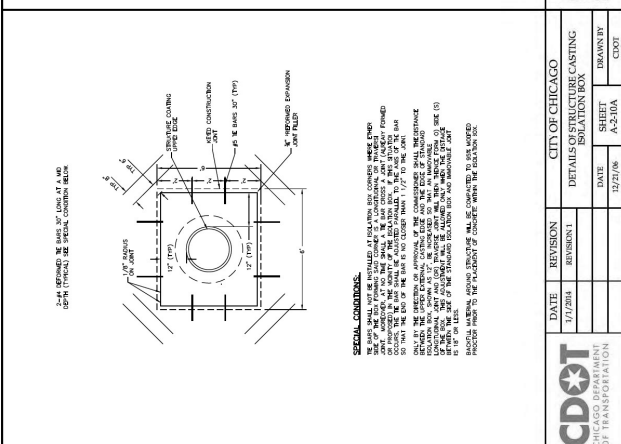
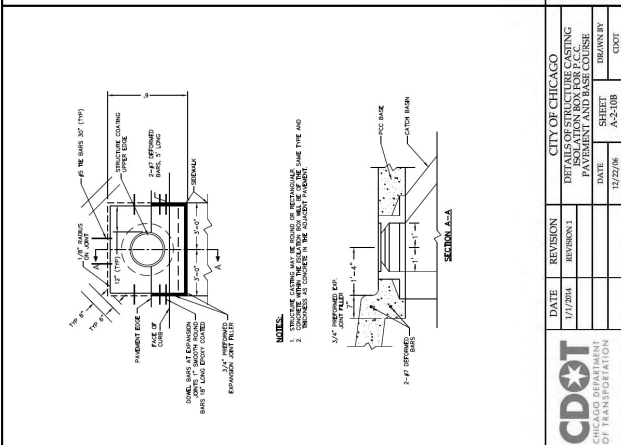
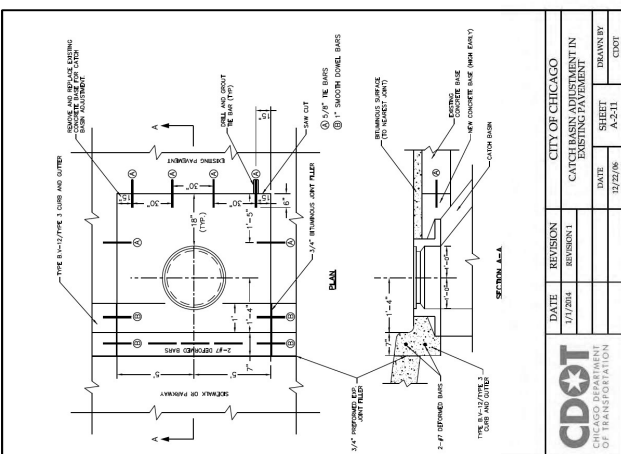


02 TRASH RECEPTACLE, TYPE 2
SCALE: NTS

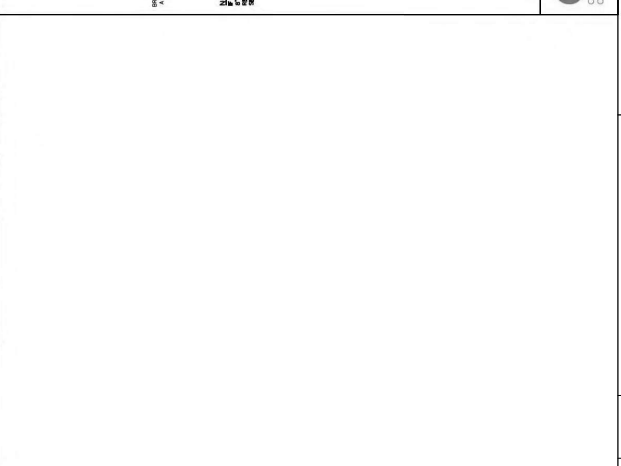
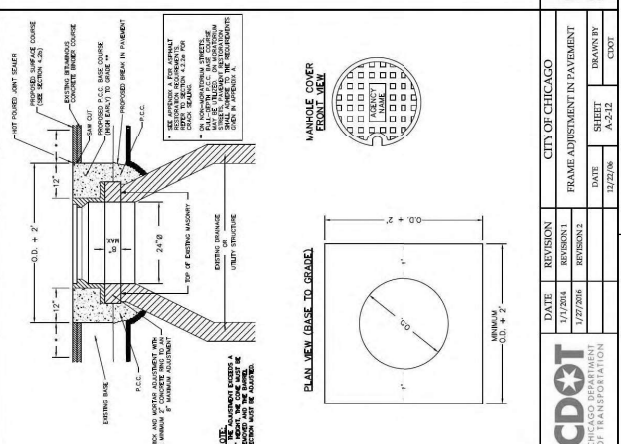
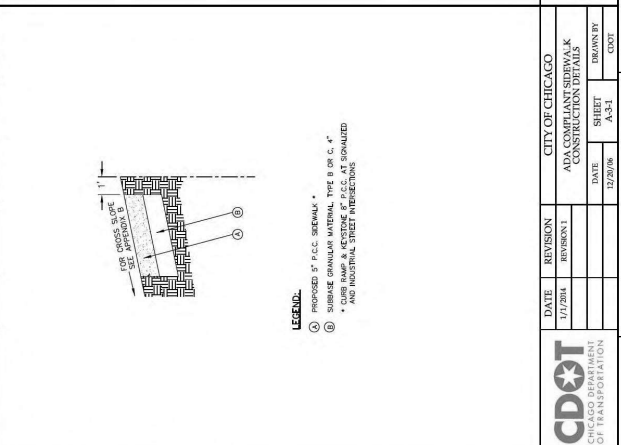
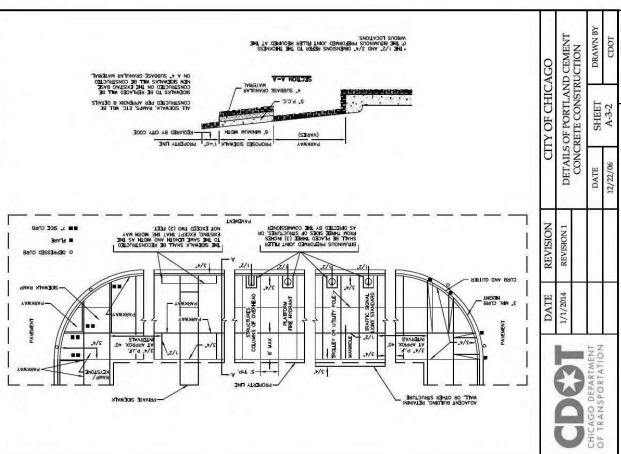
DRAWN: PH/MA	CITY OF CHICAGO	111TH STREET AND COTTAGE GROVE AVENUE	LANDSCAPE DETAILS	DRAWING NO. L-37
CHECKED: B/B	DEPARTMENT OF TRANSPORTATION	COTTAGE GROVE AVENUE IMPROVEMENT	STREET FURNITURE	SHEET NO. 217
APPROVED: M/F	DIVISION OF PROJECT DEVELOPMENT			
DATE: 10/27/2023				PROJECT NO. 54450
REVISED BY:				SECTION NO.
				SCALE:

NOT FOR CONSTRUCTION





DATE	REVISION	CITY OF CHICAGO
1/7/2014	REVISION 1	CONCRETE CURB & GUTTER DETAIL
12/2/06	REVISION 1	DATE SHEET DRAWN BY
		A-2-6 CDDT

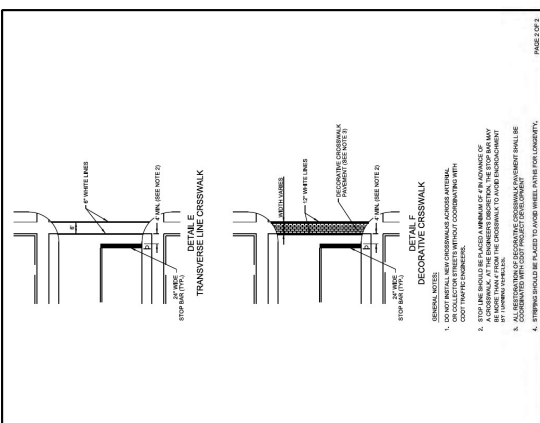
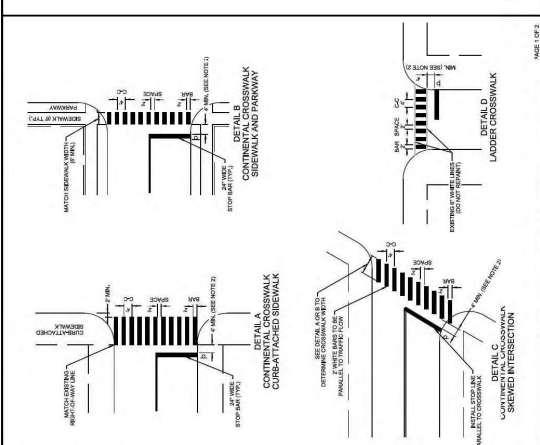
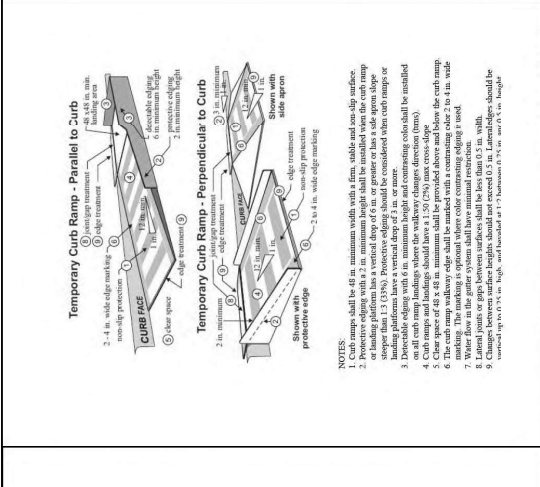
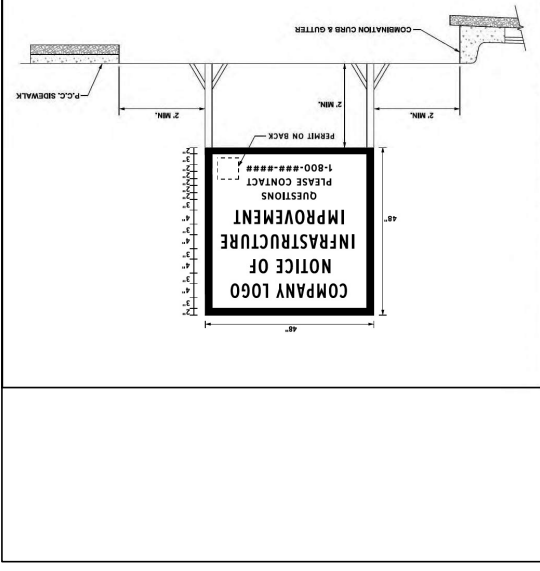


DATE	REVISION	CITY OF CHICAGO
1/7/2014	REVISION 1	CONCRETE CURB & GUTTER DETAIL
12/2/06	REVISION 1	DATE SHEET DRAWN BY
		A-2-6 CDDT

DATE	REVISION	CITY OF CHICAGO
1/7/2014	REVISION 1	CONCRETE CURB & GUTTER DETAIL
12/2/06	REVISION 1	DATE SHEET DRAWN BY
		A-2-6 CDDT

DATE	REVISION	CITY OF CHICAGO
1/7/2014	REVISION 1	CONCRETE CURB & GUTTER DETAIL
12/2/06	REVISION 1	DATE SHEET DRAWN BY
		A-2-6 CDDT

DRAWN: CUB CHECKED: BJB APPROVED: MIF DATE: 10/27/2023	REVISION BY: DATE REVISION BY: DATE REVISION BY: DATE	PROJECT NO. 545451 SECTION NO.	SHEET NO. 219
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		CHICAGO DEPARTMENT OF TRANSPORTATION STANDARD DETAILS COTTAGE GROVE AVENUE IMPROVEMENTS CDOT-2	
30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.chicago.gov		SCALE: N.T.S.	

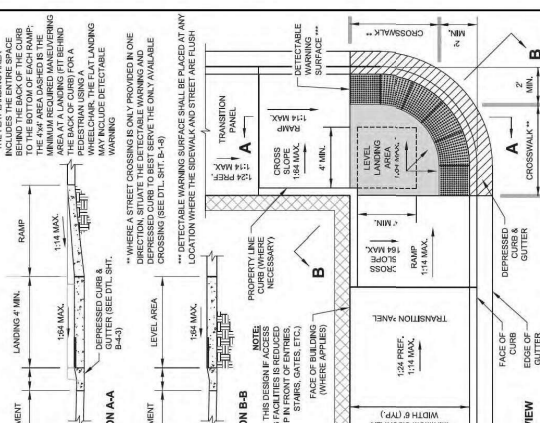
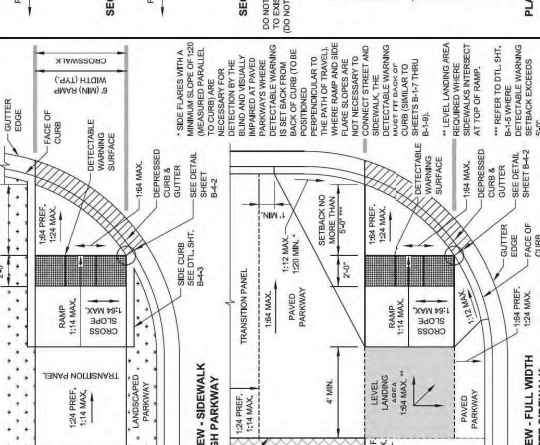
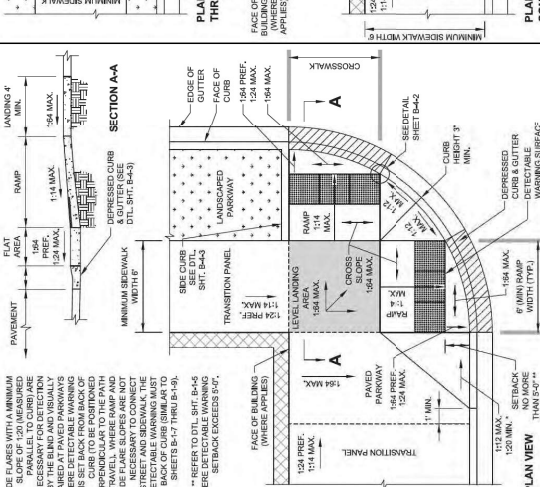
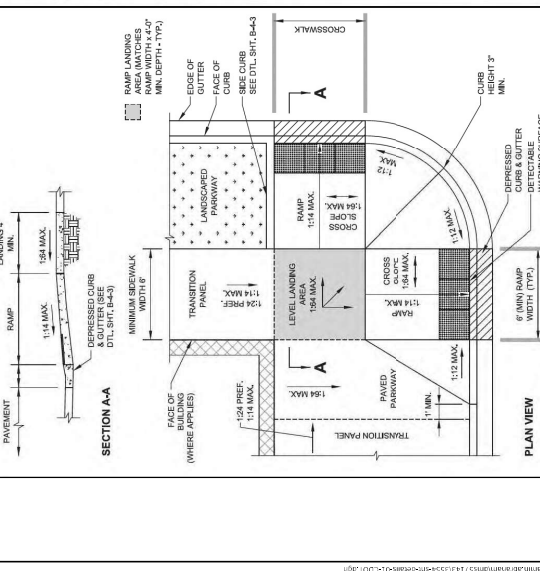


DATE	REVISION	CITY OF CHICAGO	DATE	REVISION	CITY OF CHICAGO
1/7/2014	REVISION 1	CDOT	1/7/2014	REVISION 1	CDOT
07/30/07	REVISION 1	CDOT	06/29/12	REVISION 1	CDOT

DATE	REVISION	CITY OF CHICAGO	DATE	REVISION	CITY OF CHICAGO
07/30/07	REVISION 1	CDOT	07/30/07	REVISION 1	CDOT
07/30/07	REVISION 1	CDOT	07/30/07	REVISION 1	CDOT

DATE	REVISION	CITY OF CHICAGO	DATE	REVISION	CITY OF CHICAGO
07/30/07	REVISION 1	CDOT	07/30/07	REVISION 1	CDOT
07/30/07	REVISION 1	CDOT	07/30/07	REVISION 1	CDOT

DATE	REVISION	CITY OF CHICAGO	DATE	REVISION	CITY OF CHICAGO
07/30/07	REVISION 1	CDOT	07/30/07	REVISION 1	CDOT
07/30/07	REVISION 1	CDOT	07/30/07	REVISION 1	CDOT



DATE	REVISION	CITY OF CHICAGO	DATE	REVISION	CITY OF CHICAGO
1/7/2014	REVISION 1	CDOT	1/7/2014	REVISION 1	CDOT
07/30/07	REVISION 1	CDOT	07/30/07	REVISION 1	CDOT

DATE	REVISION	CITY OF CHICAGO	DATE	REVISION	CITY OF CHICAGO
07/30/07	REVISION 1	CDOT	07/30/07	REVISION 1	CDOT
07/30/07	REVISION 1	CDOT	07/30/07	REVISION 1	CDOT

DATE	REVISION	CITY OF CHICAGO	DATE	REVISION	CITY OF CHICAGO
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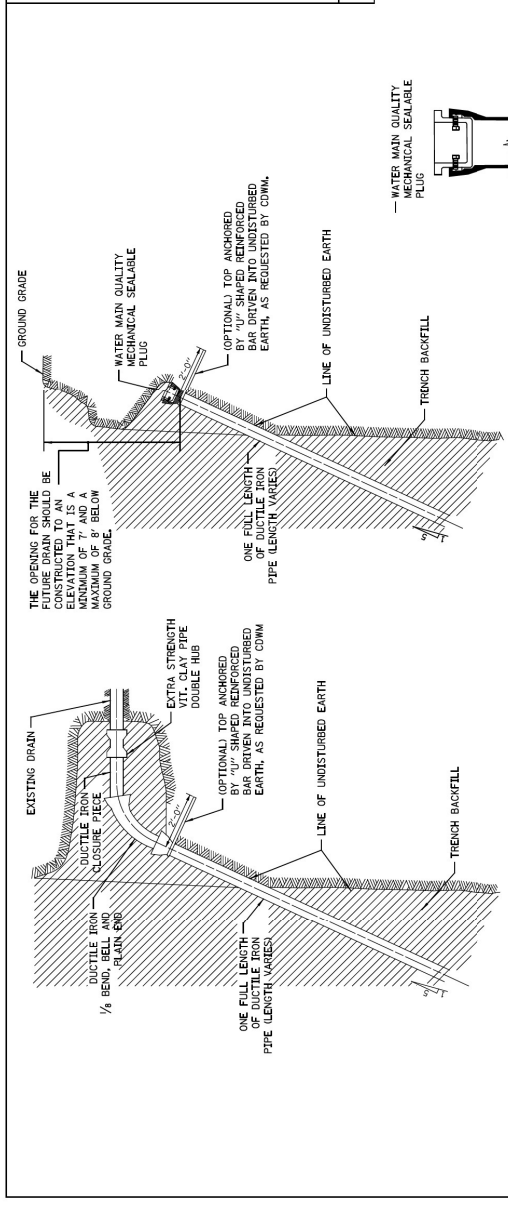
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07/30/07	REVISION 1	CDOT	07/30/07	REVISION 1	CDOT
07/30/07	REVISION 1	CDOT	07/30/07	REVISION 1	CDOT

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
STANDARD DETAILS
CDOT-3
SHEET NO. 5-451

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
STANDARD DETAILS
CDOT-3
SHEET NO. 5-451

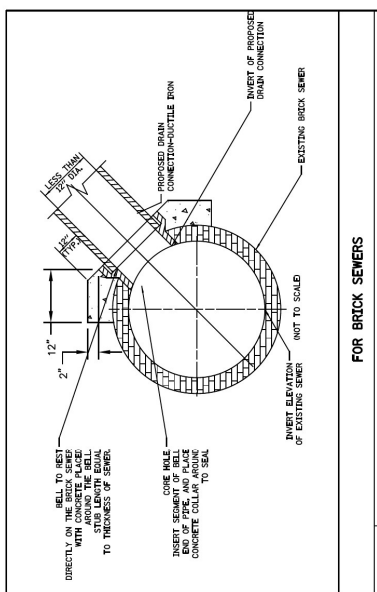
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
STANDARD DETAILS
CDOT-3
SHEET NO. 5-451

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
STANDARD DETAILS
CDOT-3
SHEET NO. 5-451

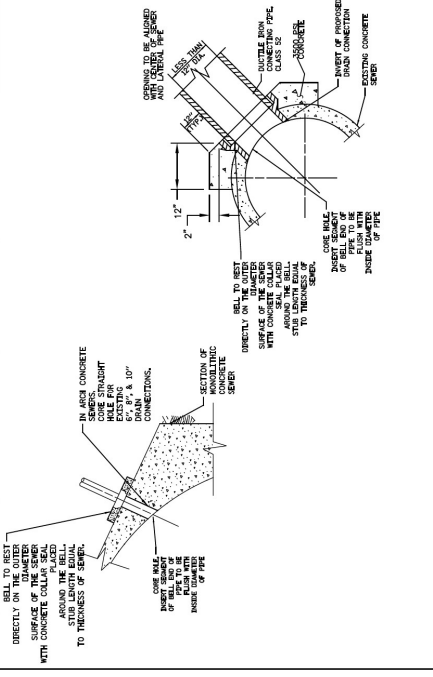


TYPICAL DRAIN CONNECTIONS FOR EXISTING DRAINS

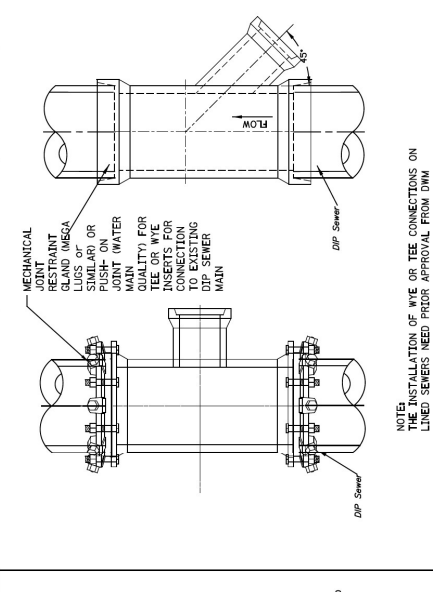
TYPICAL DRAIN STACKS FOR FUTURE USE



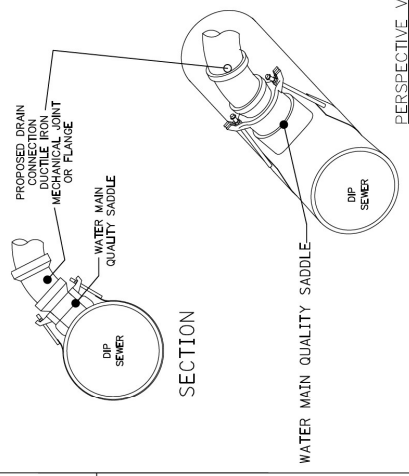
FOR BRICK SEWERS



FOR CONCRETE SEWERS



DIP TO DIP SEWER CONNECTION (10' OR GREATER)



NOTE:
MINIMUM OF 6", 8", AND 10" DRAINS CONNECTIONS CAN BE CORED INTO MINIMUM 12", 15", AND 18" DIP SEWERS, USING A WATERMAIN QUALITY SADDLE, RESPECTIVELY. TEE OR TEE WITH NON-SHEAR COLLARS ENCASED IN CONCRETE.

DIP TO DIP SEWER CONNECTION (10" OR LESS)

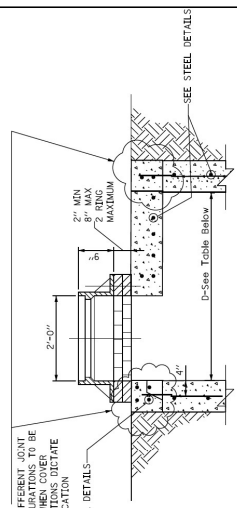
- GENERAL NOTES:**
1. DUCTILE IRON PIPE MUST BE BELL END WITH PUSH-ON JOINTS CONFORMING TO ANSI SPECIFICATIONS A21.51 WITH CLASS 52 THICKNESS.
 2. ALL DUCTILE IRON PIPE AND FITTINGS MUST BE ENCASED IN POLYETHYLENE TUBING BEFORE BEING INSTALLED
 3. CONNECTIONS TO SEWERS SHALL BE A MINIMUM OF 4 FEET APART.

PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN	CHECKED	DATE	BY
30						
75						
90						
100						

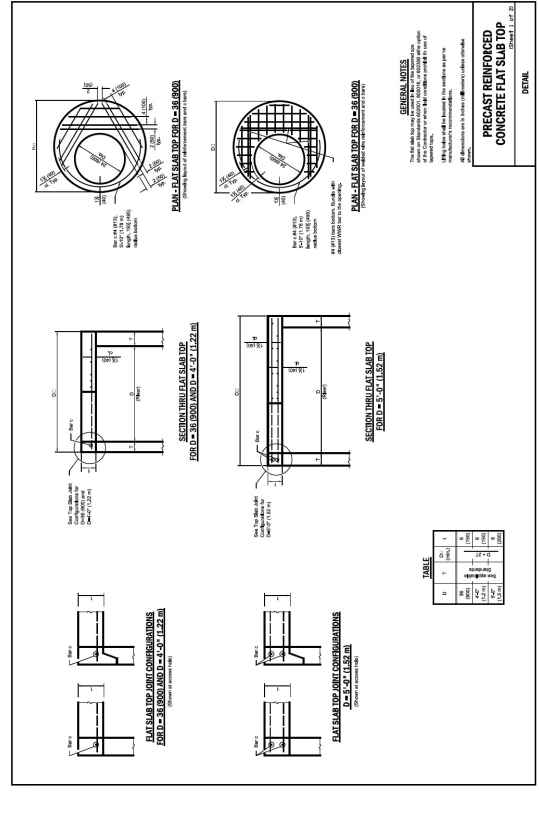
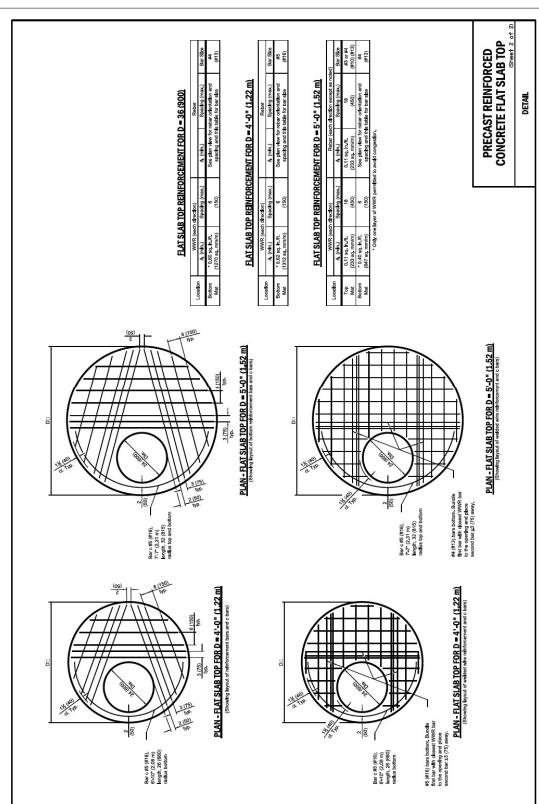
DUPLICATE IRON PIPE DRAIN CONNECTIONS

BULLETIN _____ OF _____ PN _____

NOTE: PRESENT ONLY CONFIGURATIONS TO BE USED WHEN COVER MODIFICATION IS REQUIRED. SEE STEEL DETAILS.



STANDARD FLAT TOP SLAB FOR CATCH BASINS



NOTES:
 FLAT TOP SLAB APPLICATION CAN ONLY BE USED WITH WRITTEN PERMISSION FROM CDWM.
 USE LATEST IDOT DETAIL #622601-06,
 AS REFERENCED ON THE IDOT WEBSITE.

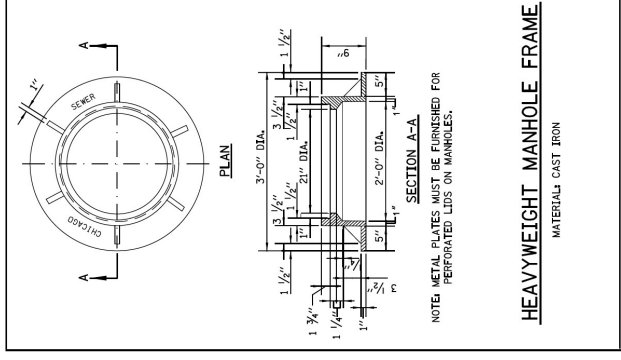
STANDARD REVISIONS	DATE	PERCENT COMPLETE	DATE	CITY OF CHICAGO	DATE
1	4/22/21	75		DEPARTMENT OF WATER MANAGEMENT	
2		75		BUREAU OF ENGINEERING SERVICES	
3		50		FLAT TOP SLAB DETAILS	
4		50			
5		50			
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49		50			
50		50			

CDWM Job No. 42202142-3E3A

DRAWN: CUB	CHECKED: B/B	APPROVED: M/F	DATE: 10/27/23	REVISED BY:	DATE:
<p>11TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS</p> <p>CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</p> <p>STANDARD DETAILS CHICAGO DEPARTMENT OF WATER MANAGEMENT</p> <p>CDWM-3 SHEET NO. 275</p>					

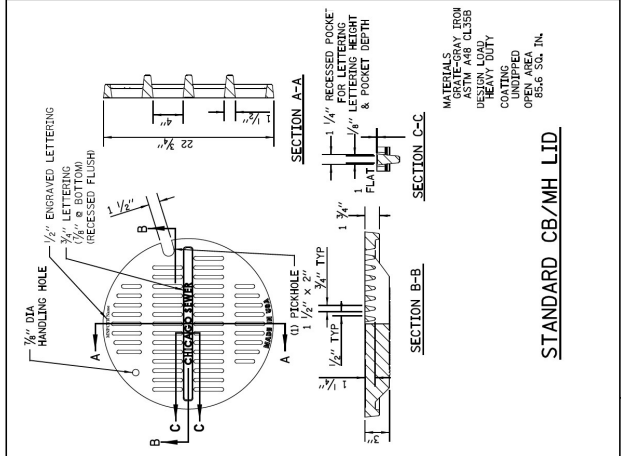
30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602
 Tel: 312.726.5910 P: Fax: 312.726.8571
 www.cdwm.com

CIVILTECH



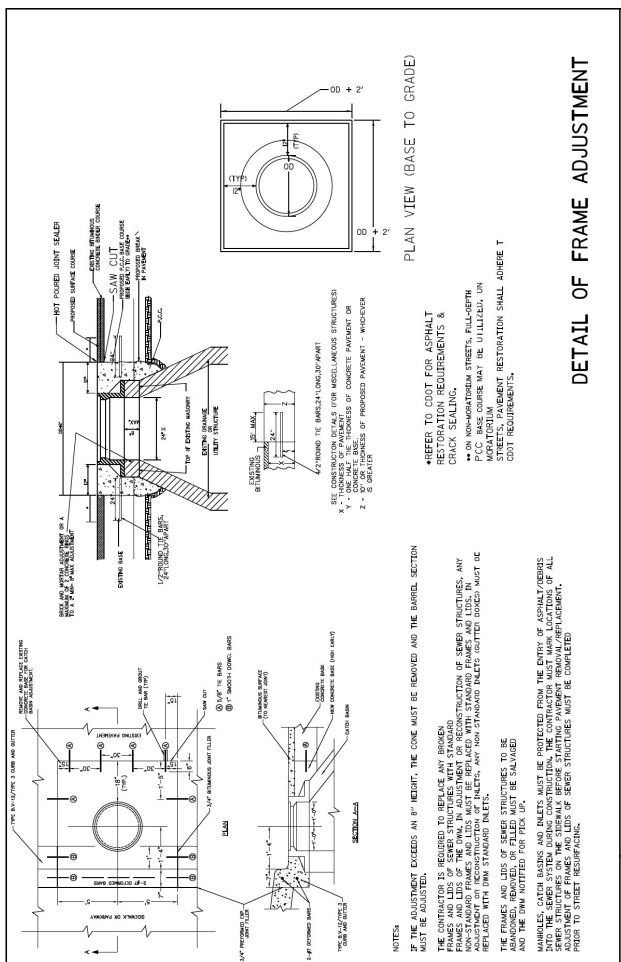
HEAVYWEIGHT MANHOLE FRAME
MATERIAL: CAST IRON

NOTE: METAL PLATES MUST BE FINISHED FOR PERFORATED LIDS ON MANHOLES.



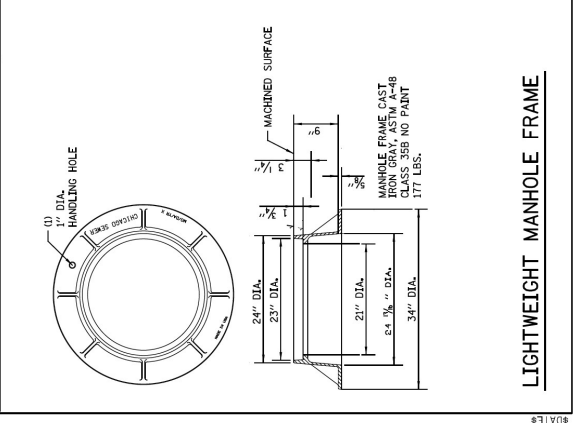
STANDARD CB/MH LID

MATERIALS:
CAST IRON
ASTM A48 CLASS
DESIGN LOAD
HEAVY DUTY
CONFINED
OPEN AREA
85.6 SQ. IN.



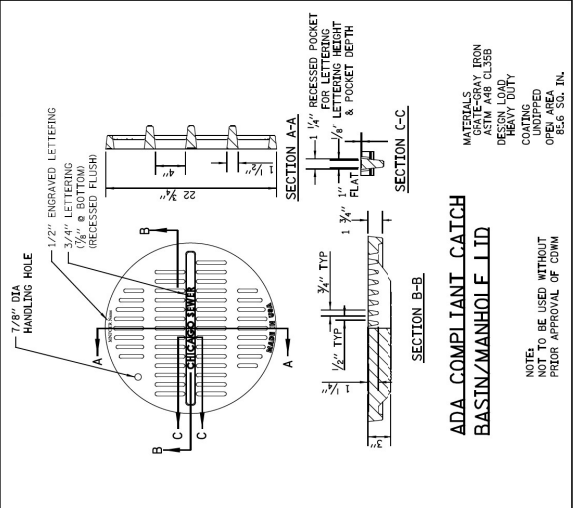
DETAIL OF FRAME ADJUSTMENT

REFER TO COOT FOR ASPHALT REPAIR REQUIREMENTS & DETAILS.
 * ON NON-UNIFORM STREETS, FULL-DEPTH P.C.C. BASE COURSE MAY BE UTILIZED, UNLESS OTHERWISE SPECIFIED IN THE SPECIAL REQUIREMENTS SECTION.
 COOT REQUIREMENTS.



LIGHTWEIGHT MANHOLE FRAME

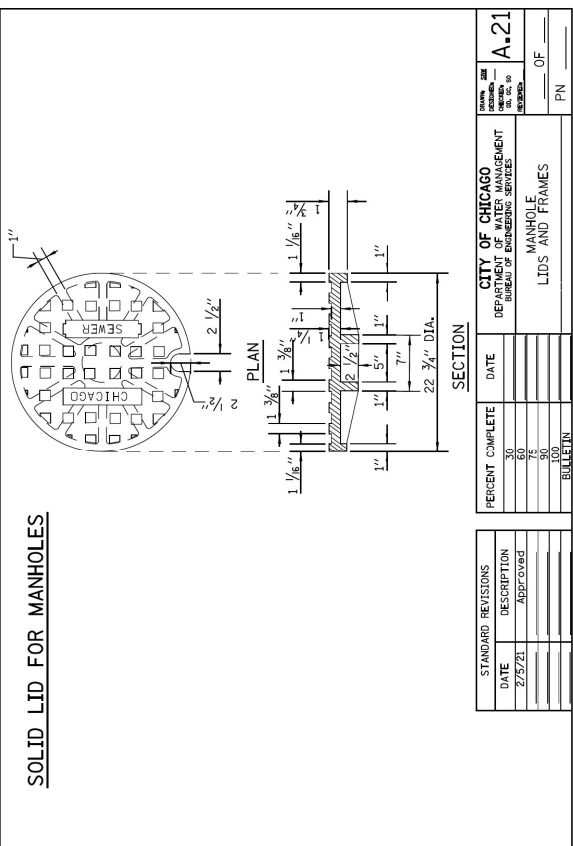
MATERIAL: CAST IRON
ASTM A48 CLASS 35B
NO PAINT
177 LBS.



ADA COMPLIANT CATCH BASIN/MANHOLE LID

MATERIALS:
CAST IRON
ASTM A48 CLASS
DESIGN LOAD
HEAVY DUTY
CONFINED
OPEN AREA
85.6 SQ. IN.

NOTE:
NOT TO BE USED WITHOUT PRIOR APPROVAL OF CDOT



SOLID LID FOR MANHOLES

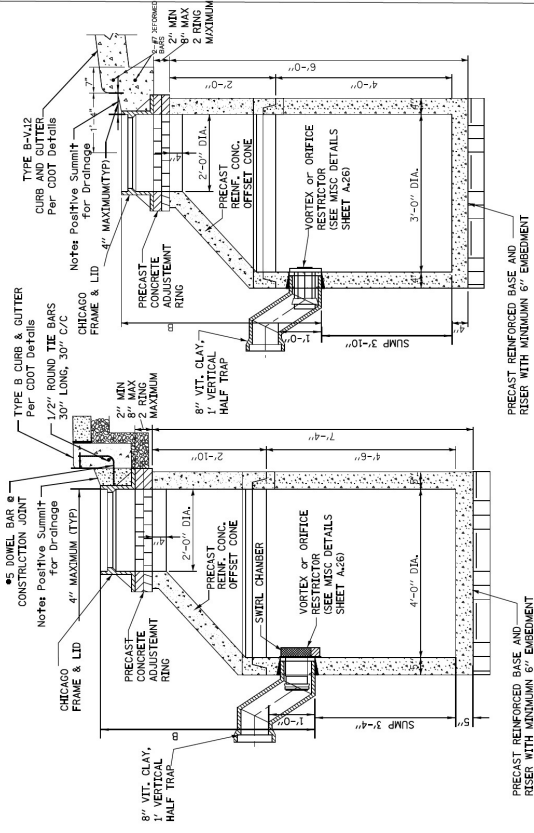
SECTION

STANDARD REVISIONS	DATE	DESCRIPTION
1	2/25/21	APPROVED

PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES
50		
75		
90		
100		

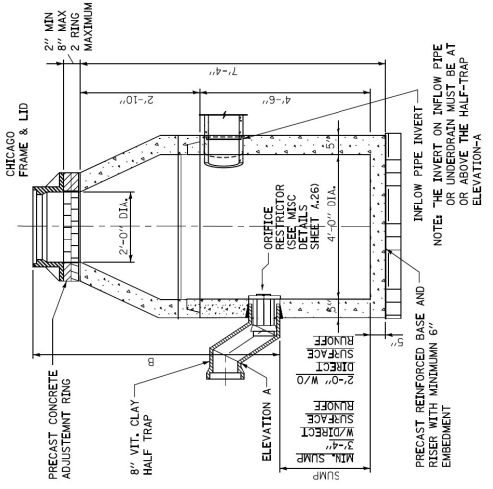
DRIVEN	DATE	BY
AS BUILT		
AS BUILT		
AS BUILT		
AS BUILT		

STANDARD DRAINAGE STRUCTURES FOR PUBLIC STREETS



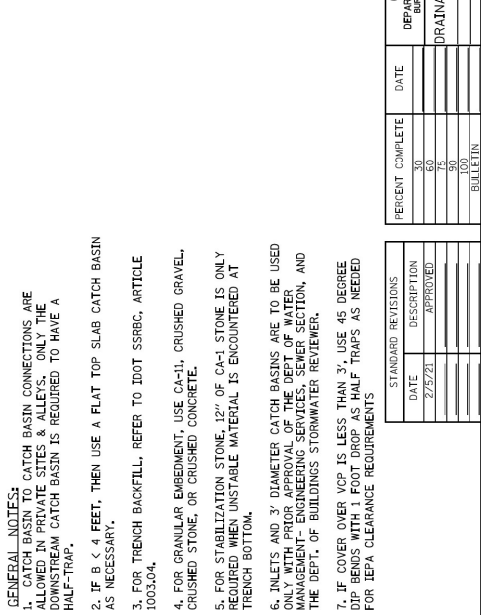
STANDARD CATCH BASIN-4" DIA.

STANDARD DRAINAGE STRUCTURES FOR PUBLIC ALLEYS



STANDARD CATCH BASIN-3" DIA.

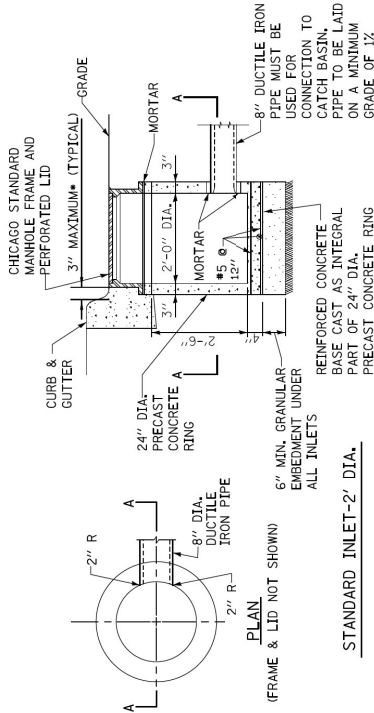
STANDARD DRAINAGE STRUCTURES FOR PUBLIC ALLEYS



CATCH BASIN-ORIFICE RESTRICTOR N.T.S.

GENERAL NOTES:

- CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.
- IF B < 4 FEET, THEN USE A FLAT TOP SLAB CATCH BASIN AS NECESSARY.
- FOR TRENCH BACKFILL, REFER TO IDOT SSRBC, ARTICLE 1003.04.
- FOR GRANULAR EMBEDMENT, USE CA-1, CRUSHED GRAVEL, CRUSHED STONE, OR CRUSHED CONCRETE.
- FOR STABILIZATION STONE, 12" OF CA-1 STONE IS ONLY REQUIRED WHEN UNSTABLE MATERIAL IS ENCOUNTERED AT TRENCH BOTTOM.
- INLETS AND 3" DIAMETER CATCH BASINS ARE TO BE USED FOR ALL BUILDINGS. ALL BUILDINGS SHALL BE OPEN FOR THE MANAGEMENT ENGINEERING SERVICES DEPARTMENT, AND THE DEPT. OF BUILDINGS STORMWATER REVIEWER.
- IF COVER OVER VCP IS LESS THAN 3', USE 45 DEGREE DIP BENDS WITH 1 FOOT DROP AS HALF TRAPS AS NEEDED FOR IEPA CLEARANCE REQUIREMENTS.



STANDARD INLET-2" DIA.

- GENERAL NOTES:**
- CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.
 - IF B < 4 FEET, THEN USE A FLAT TOP SLAB CATCH BASIN AS NECESSARY.
 - FOR TRENCH BACKFILL, REFER TO IDOT SSRBC, ARTICLE 1003.04.
 - FOR GRANULAR EMBEDMENT, USE CA-1, CRUSHED GRAVEL, CRUSHED STONE, OR CRUSHED CONCRETE.
 - FOR STABILIZATION STONE, 12" OF CA-1 STONE IS ONLY REQUIRED WHEN UNSTABLE MATERIAL IS ENCOUNTERED AT TRENCH BOTTOM.
 - INLETS AND 3" DIAMETER CATCH BASINS ARE TO BE USED FOR ALL BUILDINGS. ALL BUILDINGS SHALL BE OPEN FOR THE MANAGEMENT ENGINEERING SERVICES DEPARTMENT, AND THE DEPT. OF BUILDINGS STORMWATER REVIEWER.
 - IF COVER OVER VCP IS LESS THAN 3', USE 45 DEGREE DIP BENDS WITH 1 FOOT DROP AS HALF TRAPS AS NEEDED FOR IEPA CLEARANCE REQUIREMENTS.

STANDARD REVISIONS		DATE	DESCRIPTION	BY	CHECKED
NO.	DATE				
1	2/25/21		REVISED		
2					
3					
4					
5					
6					
7					
8					
9					
10					

CITY OF CHICAGO		DATE	DEPARTMENT OF WATER MANAGEMENT	BUREAU OF ENGINEERING SERVICES	DRAWN BY	CHECKED
NO.	DATE					
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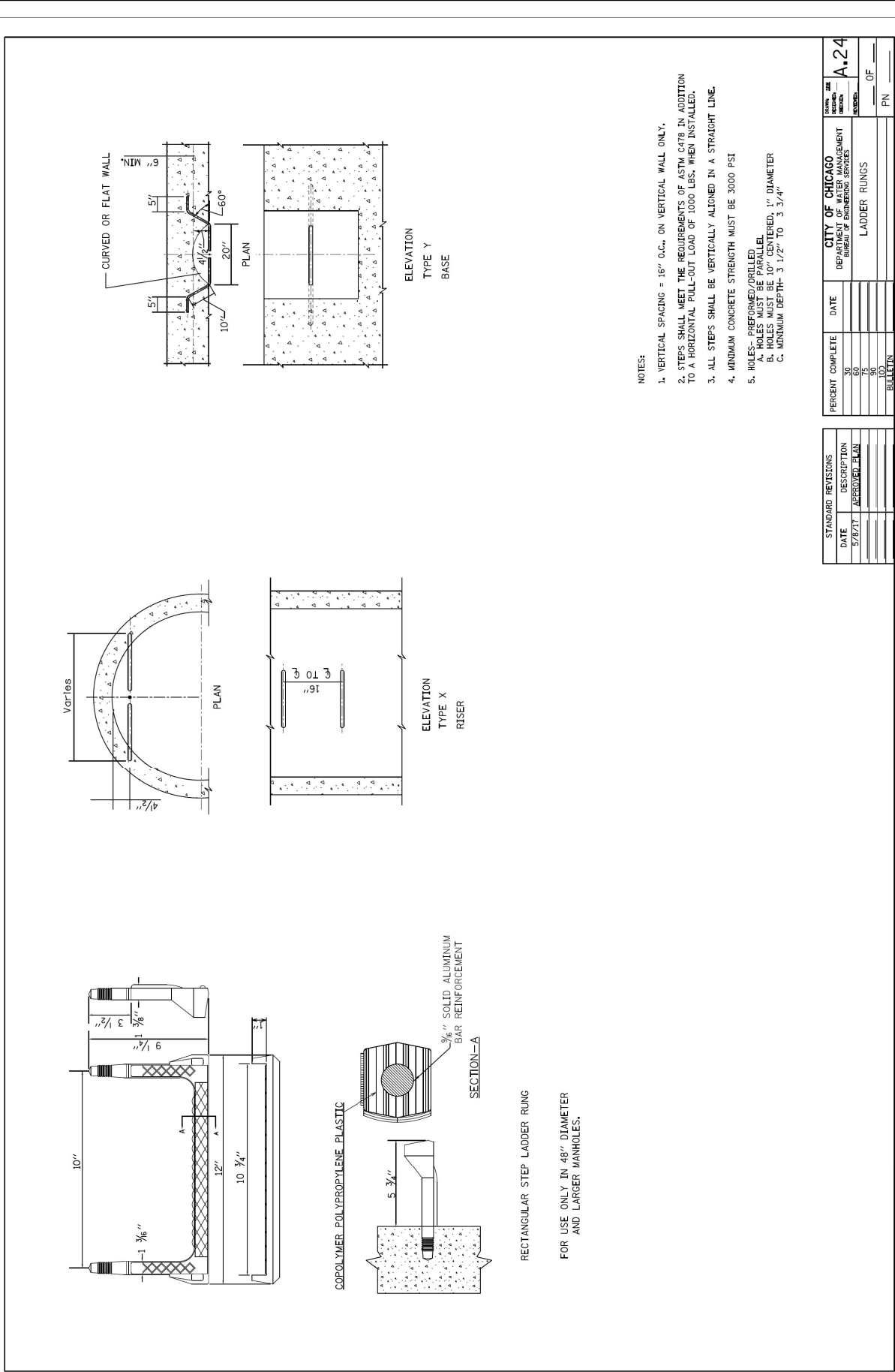
CITY OF CHICAGO		DATE	DEPARTMENT OF WATER MANAGEMENT	BUREAU OF ENGINEERING SERVICES	DRAWN BY	CHECKED
NO.	DATE					
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CITY OF CHICAGO		DATE	DEPARTMENT OF WATER MANAGEMENT	BUREAU OF ENGINEERING SERVICES	DRAWN BY	CHECKED
NO.	DATE					
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CITY OF CHICAGO		DATE	DEPARTMENT OF WATER MANAGEMENT	BUREAU OF ENGINEERING SERVICES	DRAWN BY	CHECKED
NO.	DATE					
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DATE	REVISED BY	DESCRIPTION
10/27/2023		



STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	
DATE	DESCRIPTION	30		REVISION	BY
5/27/17	APPROVED PLAN	75			
		90			
		100			
		BULLETIN		PN	

SCALE: INT.S.	SECTION NO.	PROJECT NO. 545451
STANDARD DETAILS		
CHICAGO DEPARTMENT OF WATER MANAGEMENT		
DRAWING NO. COWM-6		
SHEET NO. 278		

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

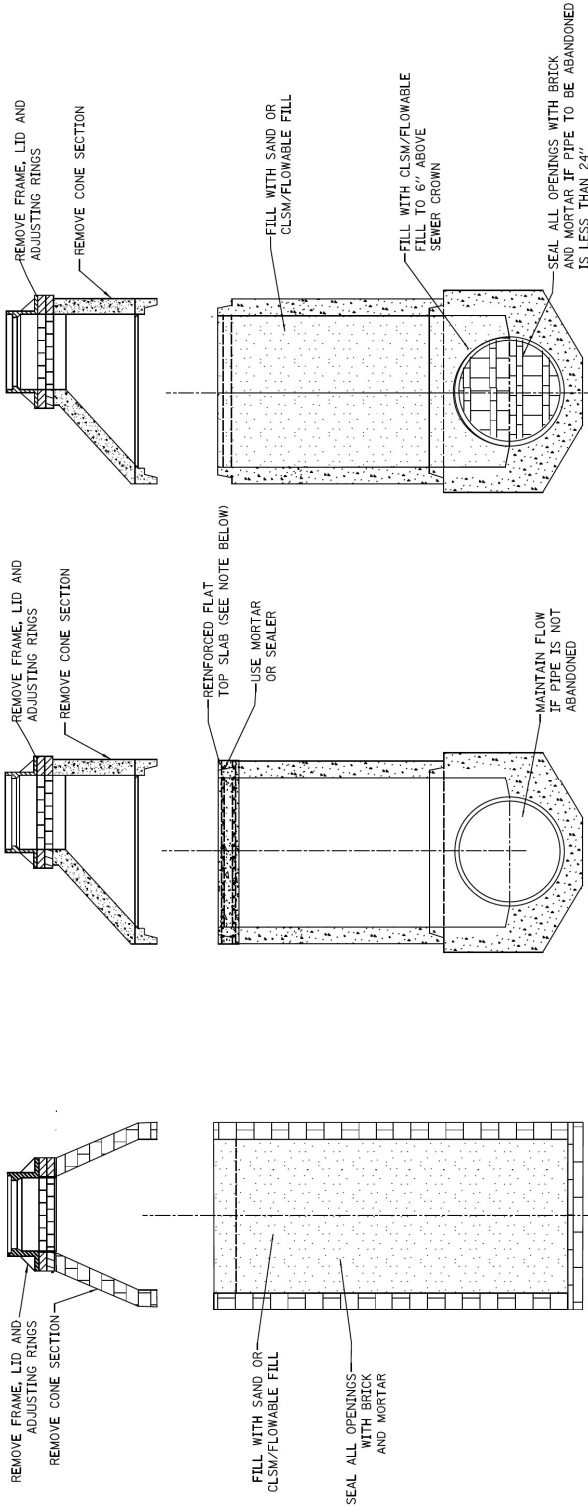
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT

30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602
Tel: 312.726.5910 - Fax: 312.726.8571
www.cityofchicago.org

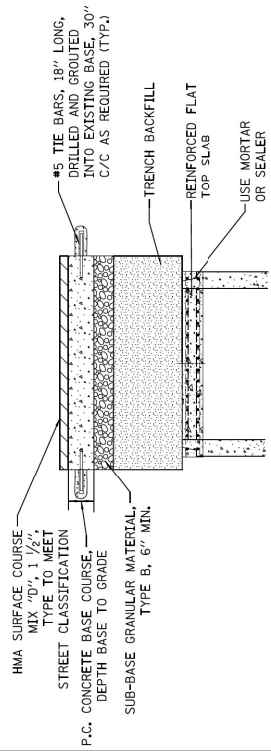
CIVILTECH

DATE: 10/27/2023 REVISED BY: DATE: DESCRIPTION:

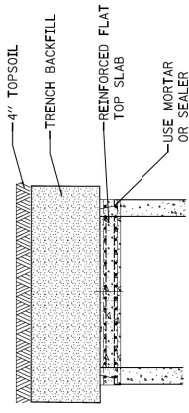


ABANDON CATCH BASIN

ABANDON MANHOLES



IN PAVEMENT AREA



IN LANDSCAPE AREA

NOTE
 REINFORCED FLAT TOP SLAB,
 SEE IDOT STD. 602601-03 OR CURRENT
 MODIFIED WITH NO ACCESS HOLE

STANDARD REVISIONS	
DATE	DESCRIPTION
10/27/23	APPROVED PLAN

PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN BY M. J. [unreadable]	CHECKED BY [unreadable]
30				
75				
90				
BULLETIN				
ABANDONED SEWER STRUCTURE DETAILS			PN	

DRAWING NO. **CDWM-7**
 SHEET NO. **279**
 PROJECT NO. **540451**
 SECTION NO.

STANDARD DETAILS
CHICAGO DEPARTMENT OF WATER MANAGEMENT

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

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 Tel: 312.726.5900 P. Fax: 312.726.8571
 www.chicagotransit.com

CIVILTECH

DRAWN	CHEKED	APPROVED	DATE	DESCRIPTION
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	M/F			

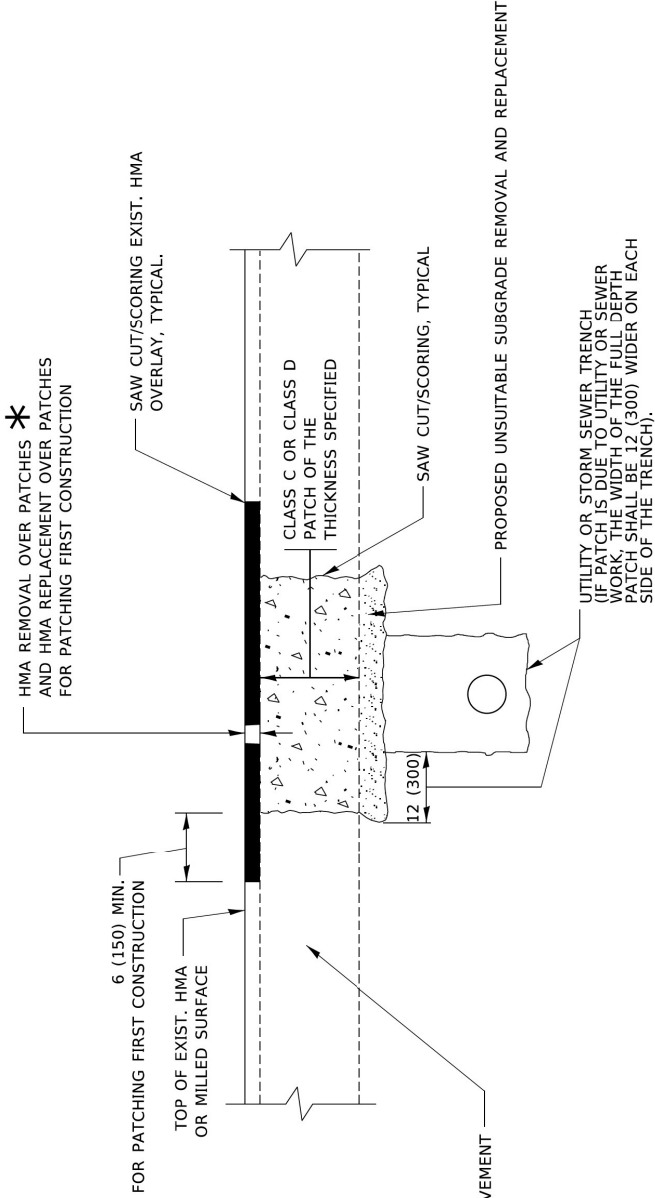
METHOD OF MEASUREMENT

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.

DESIGNED BY	R. SHAIH	REVISED	R. SHAIH 01-31-2017
CHECKED BY	K. SINGH 03-27-2017	REVISED	K. SINGH 03-27-2017
DATE	10-23-2014	REVISED	K. SMITH 02-20-2022

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO.

DRAWING NO.	PROJECT NO.	SECTION NO.
DT-1	54-451	
SHEET NO.		
230		

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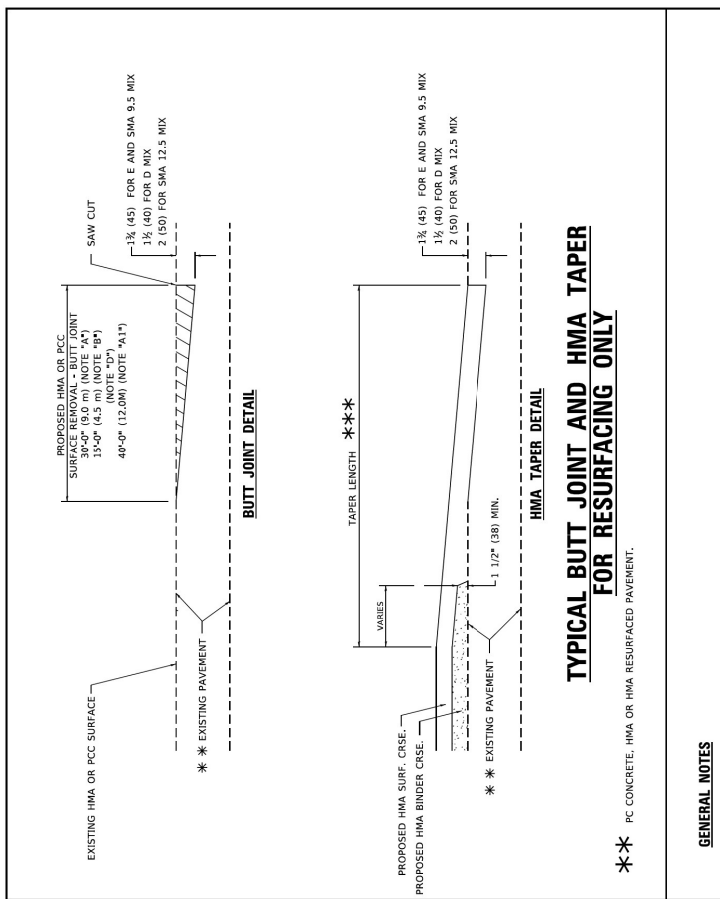
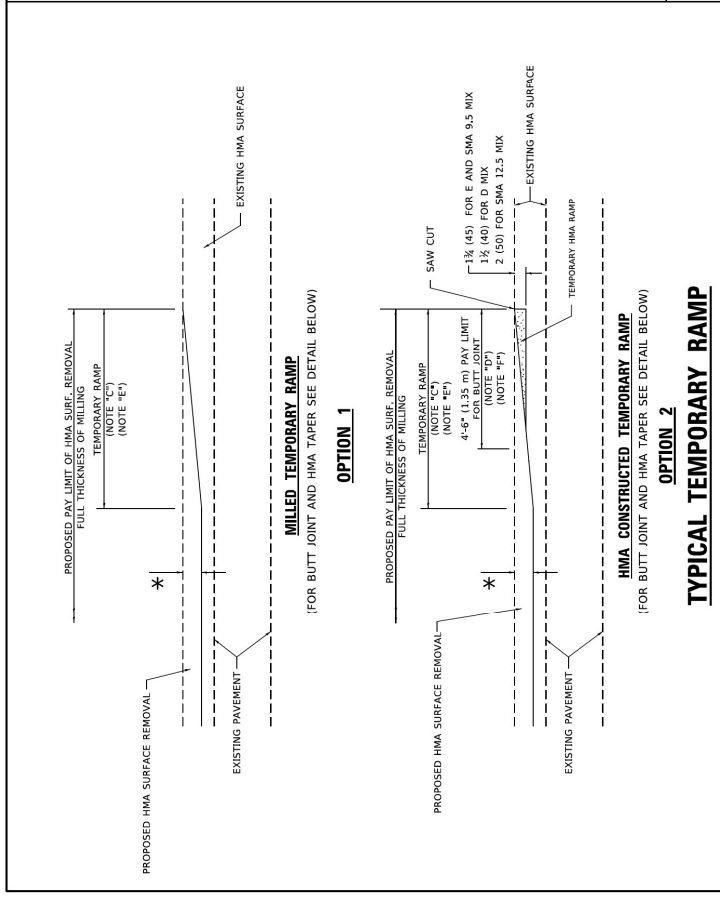
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND
COTTAGE GROVE AVENUE
IMPROVEMENTS

IDOT DISTRICT 1 DETAILS
PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)

DRAWN:	CHB	DATE:	10/27/2023
CHECKED:	BIB	REVISED BY:	
APPROVED:	MIF		

FILE NAME:	111ST-23-0001-22-0001.dwg
MODEL PATH:	\\s010101\p01\111st-23-0001-22-0001.dwg



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL - BUTT JOINT".

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) 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.

MODEL: 08148
FILE NAME: 10060022-10061022.dwg

DRAWN:	CWB
CHECKED:	B/B
APPROVED:	M/F
DATE:	10/27/2023
REVISION BY:	DATE
DESCRIPTION:	

DESIGNED BY:	M. DE YONG	REVISED BY:	A. JARAS 02/21/2017
CHECKED BY:	N. BORG 01/20/2017	REVISED BY:	N. BORG 01/20/2017
DATE:	06/13/200	REVISED BY:	K. SMITH 02/20/222

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET: 1	OF: 1	SHEETS: STA. TO STA.
SECTION		CONTRACT NO.	
DATE		PROJECT NO.	

1007 DISTRICT 11 DETAILS
BUTT JOINT AND HMA TAPER DETAILS (BD-32)

111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
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CIVILTECH

DRAWING NO. **DT-2**
SHEET NO. 231

PROJECT NO. 5045491
SECTION NO.

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

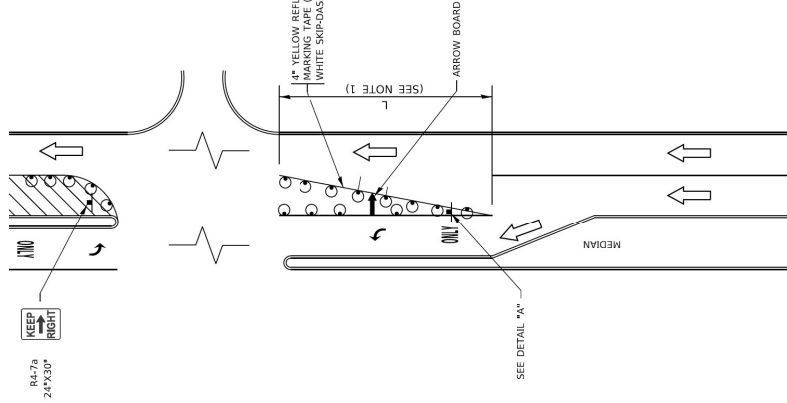


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

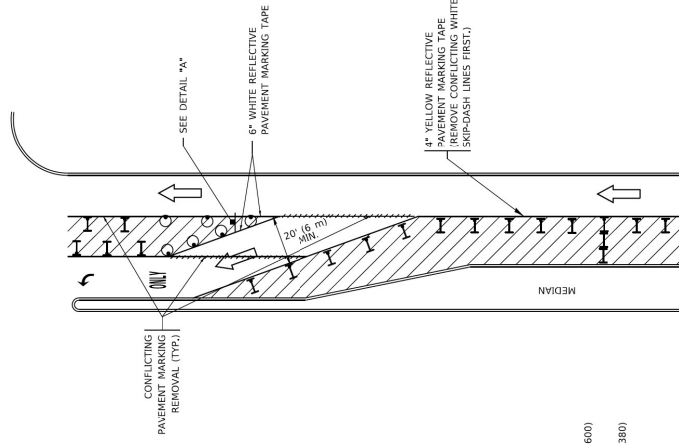
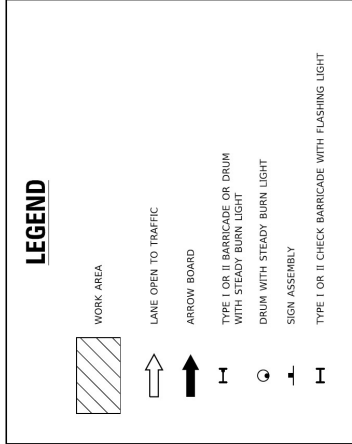


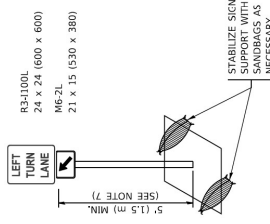
FIGURE 2



LEGEND

NOTES:

1. A) WHEN "L" IS \leq 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.
CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (7.10) IN HEIGHT.
2. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. 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.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN UNDER THIS CONDITION. "RIGHT TURN LANE" R3-100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET ACRIP 350 OR MASH PRE-REQUIREMENTS.
7. 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.



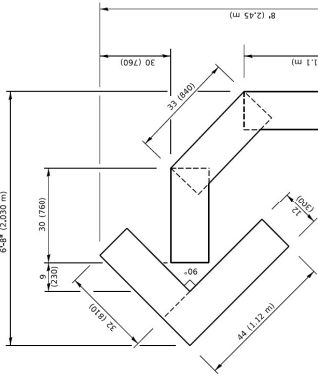
DETAIL A

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

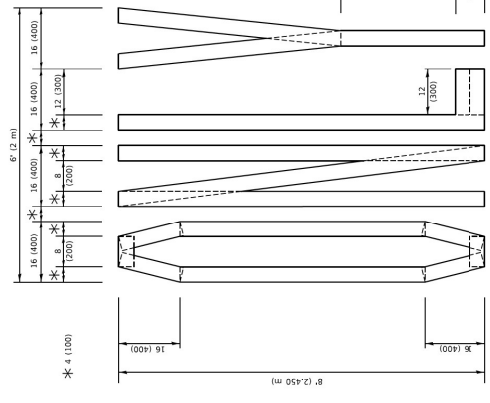
DESIGNED - T. RAMMAGHER 05-08-2014	REVISED - C. BORD 01-14-09	STATE OF ILLINOIS	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
CHECKED - A. HOSSEIN 10-12-06	REVISED - A. SENEZ 07-10-13	COUNTY	TC-14
DATE - T. RAMMAGHER 01-08-2000	REVISED - A. SENEZ 07-10-13	SECTION	ILLINOIS (REG. AND PERMIT)
		SHEET NO.	CONTRACT NO.
		OF 1 SHEETS	STA. TO STA.
		SCALE: NONE	

DRAWN: CHB	REVISION:	DATE:	DESCRIPTION:
CHECKED: B/B			
APPROVED: M/F			
DATE: 10/27/02			

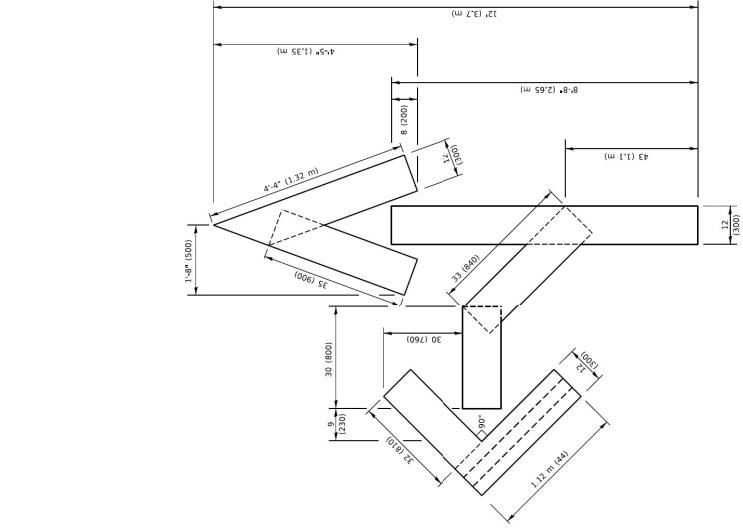
PROJECT NO.	14121029
DRAWING NO.	DI-4
SHEET NO.	233
PROJECT NO. (S-451)	
SECTION NO.	
SCALE: N.T.S.	
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	
111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
DOT DISTRICT 1 DETAILS	



QUANTITY
 4 (100) LINE = 45.5 sq. ft. (4.21 sq. m)
 15.2 sq. ft. (1.41 sq. m)

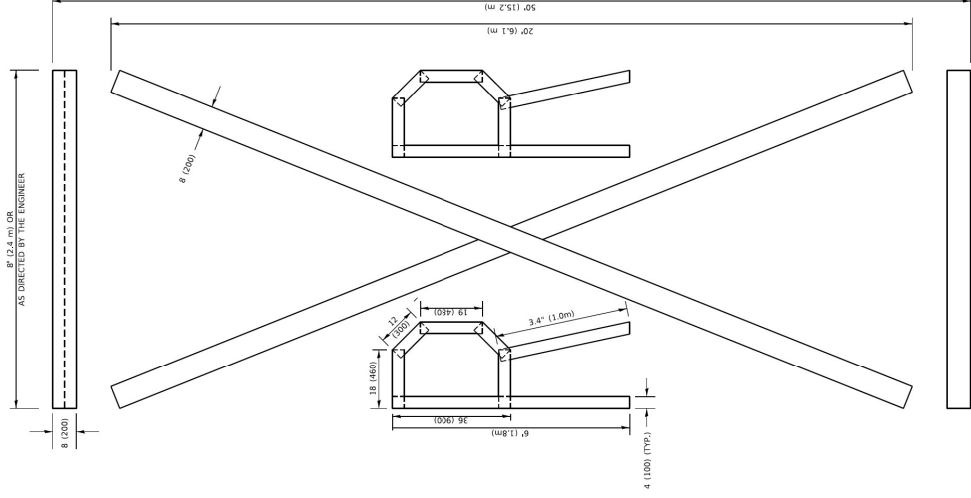


QUANTITY
 4 (100) LINE = 64.1 sq. ft. (5.95 sq. m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 sq. ft. (7.64 sq. m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN 1/4" INCHES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 sq. ft. (20.97 sq. m)
 75.3 sq. ft. (6.99 sq. m)

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

USER NAME	10/00/01	DESIGNED	T. BOMMACHEN 03/27/08
NOT SCALE	AS SHOWN 1/4"	CHECKED	E. GONZALEZ 02/24/08
NOT DATE	3/4/03	DATE	09/18/04

SCALE	NONE	SHEET	1	OF	3	SHEETS	STA.	TO	STA.
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SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
F.A. R.T.E.	SECTION	COUNTY	ROUTE
TC-16	ILLINOIS	ITD	AD

TOTAL SHEETS		CONTRACT NO.	
3	1	110000	110000

DRAWN:	CHB
CHECKED:	B/B
APPROVED:	M/F
DATE:	10/27/02

REVISED BY	DATE	DESCRIPTION

CIVILTECH
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 Tel: 312.726.8910 - Fax: 312.726.8911
 www.civiltech.com

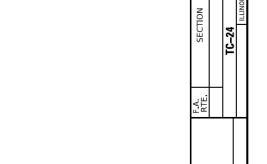
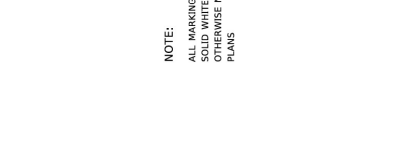
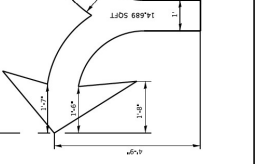
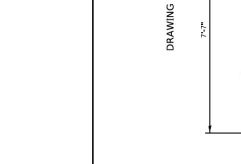
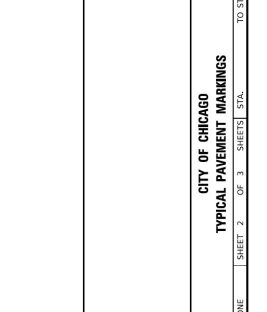
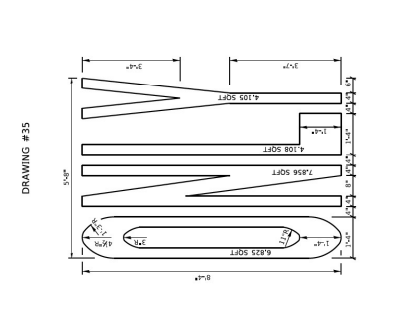
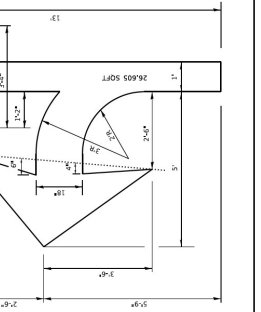
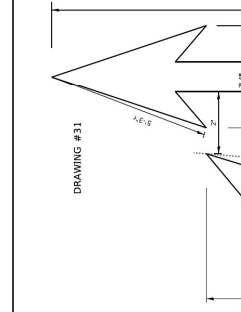
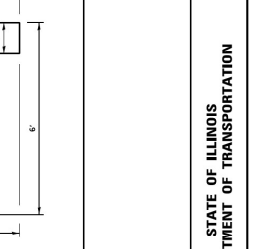
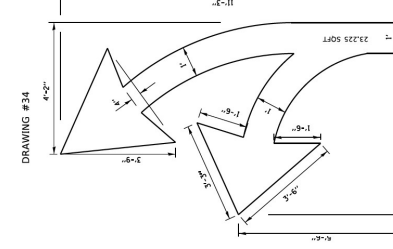
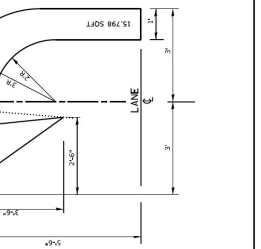
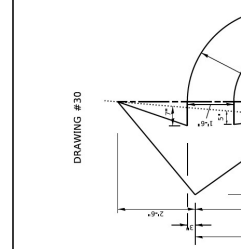
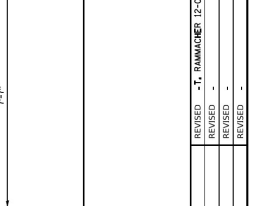
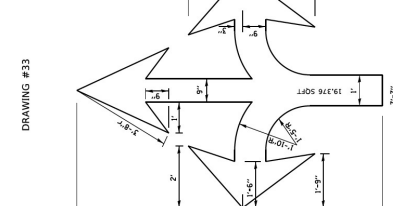
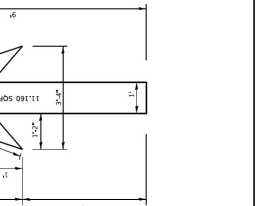
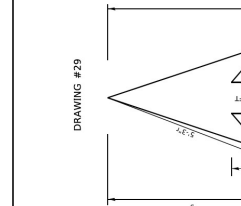
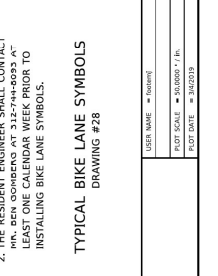
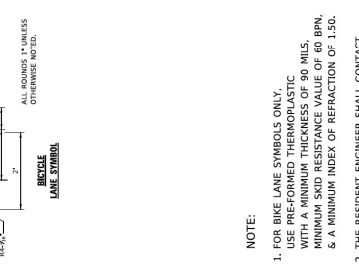
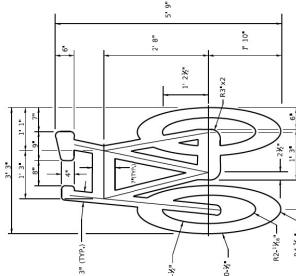
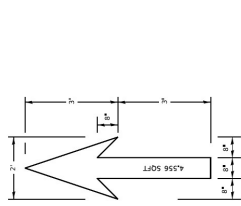
CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND
COTTAGE GROVE AVENUE
IMPROVEMENTS

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)

DRAWING NO. **DT-5**
 SHEET NO. 234

PROJECT NO. S-0451
 SECTION NO.



NOTE:
ALL MARKINGS SHALL BE
GOLD WHITE UNLESS
OTHERWISE NOTED IN THE
PLANS

NOTE:
1. FOR BIKE LANE SYMBOLS ONLY,
USE PRE-FORMED THERMOPLASTIC
WITH A MINIMUM THICKNESS OF 90 MILS,
MINIMUM SKID RESISTANCE VALUE OF 60 BPN,
& A MINIMUM INDEX OF REFRACTION OF 1.50.
2. THE RESIDENT ENGINEER SHALL CONTACT
M.P. SEN COOPER AT 312-744-9923 AT
LEAST ONE CALENDAR WEEK PRIOR TO
INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS
DRAWING #28

DESIGNED BY	REVISED BY	DATE	DESIGNED BY	REVISED BY	DATE
USER NAME	PROJECT NAME	PROJECT NO.	PROJECT NO.	PROJECT NO.	PROJECT NO.
CITY OF CHICAGO STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			CITY OF CHICAGO STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
TYPICAL PAVEMENT MARKINGS			TYPICAL PAVEMENT MARKINGS		
SHEET 2 OF 3			SHEET 2 OF 3		
SCALE: NONE			SCALE: INT.S.		
SECTION			SECTION		
CONTRACT NO.			CONTRACT NO.		
TOTAL SHEETS			TOTAL SHEETS		
COUNT			COUNT		

CIVILTECH
 30 N. LaSalle St. Suite 3200 - Chicago, Illinois 60602
 Tel: 312.726.5919 - Fax: 312.726.8571
 www.civiltech.com

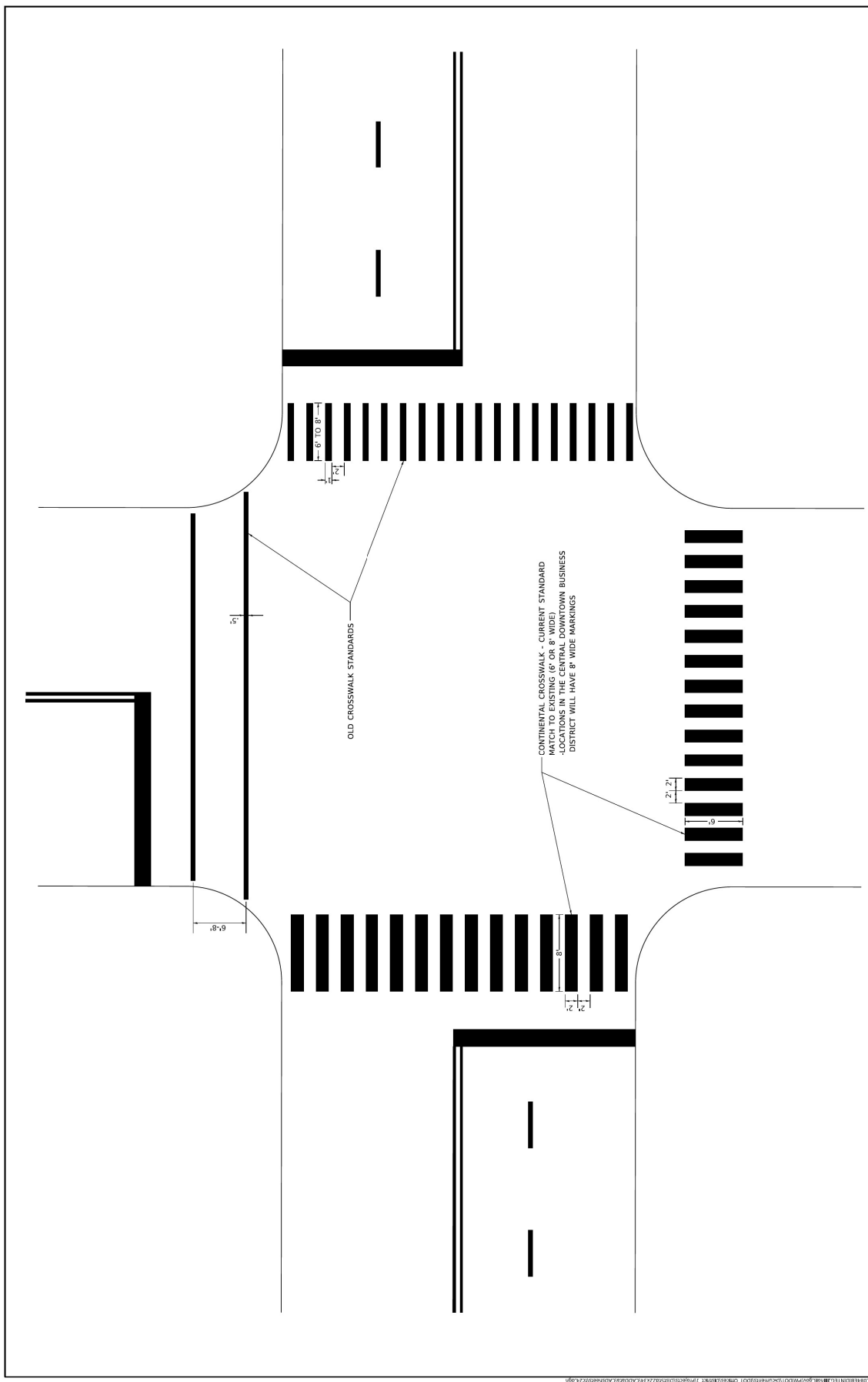
DRAWN: CUB
 CHECKED: BJB
 APPROVED: MIF
 DATE: 10/27/2023

DRAWING NO.
DI-7
 SHEET NO.
 236

PROJECT NO. S-0451
 SECTION NO.

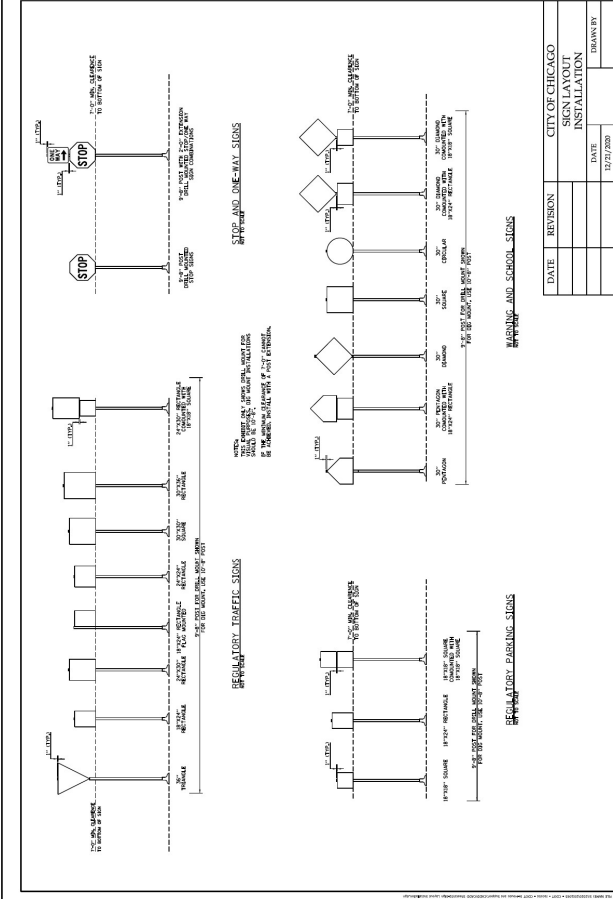
**111TH STREET AND
 COTTAGE GROVE AVENUE
 IMPROVEMENTS**

**IDOT DISTRICT 1 DETAILS
 CITY OF CHICAGO
 TYPICAL PAVEMENT MARKINGS (TC-24) (1 OF 3)**

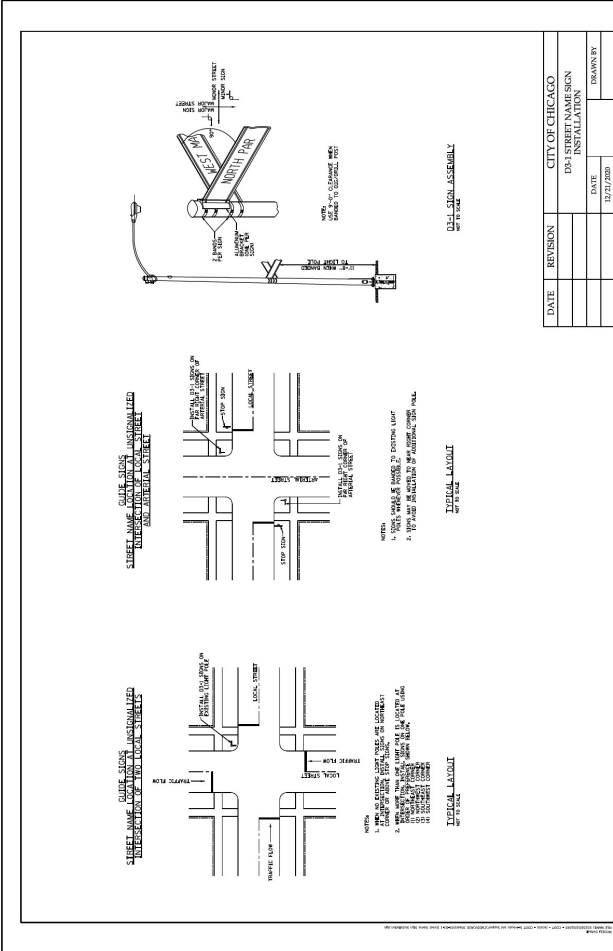


DRAWN: CUB CHECKED: B/B APPROVED: M/F DATE: 10/27/2023	USER NAME: [redacted] PLOT SCALE: 1/8"=1'-0" PLOT DATE: 3/4/2019	DESIGNED: [redacted] CHECKED: [redacted] DATE: [redacted]	REVISIONS: 1. R. RAMMACHEI 12-27-20 2. [redacted] 3. [redacted]	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS SCALE: NONE SHEET 3 OF 3 SHEETS STA. TO STA.	SECTION TC-24 COUNTY CONTRACT NO.	TOTAL SHEETS: [redacted] SHEETS: [redacted]
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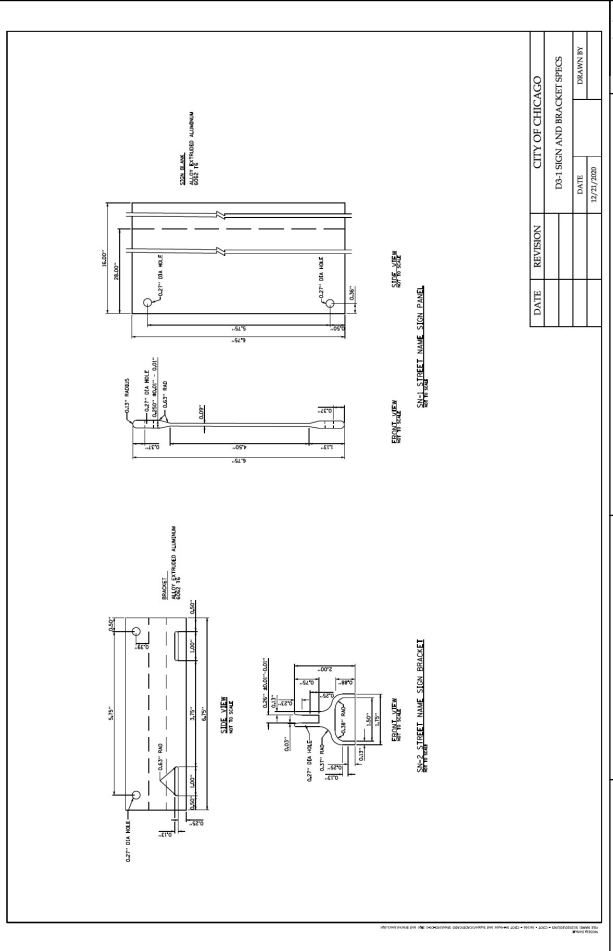
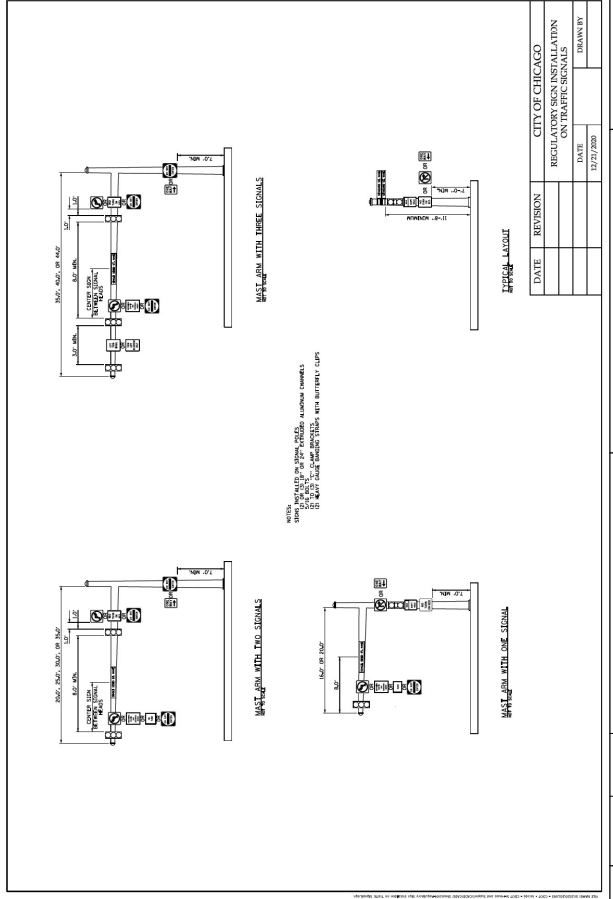
MODEL: [redacted]
 FILE NAME: [redacted]
 PROJECT NO. 545451
 SECTION NO. [redacted]
 SCALE: INT.S.
 CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF PROJECT DEVELOPMENT
 30 N. LaSalle St., Suite 3220 - Chicago, Illinois 60602
 Tel: 312.726.5916 - Fax: 312.726.8571
 www.idot.state.il.gov



DATE	REVISION	CITY OF CHICAGO SIGN LAYOUT INSTALLATION	DRAWN BY



DATE	REVISION	CITY OF CHICAGO D-4 STREET NAME SIGN INSTALLATION	DRAWN BY



DATE	REVISION	CITY OF CHICAGO REGULATORY SIGN INSTALLATION ON TRAFFIC SIGNALS	DRAWN BY

DATE	REVISION	CITY OF CHICAGO D-4 SIGN AND BRACKET SPKS	DRAWN BY

DRAWN:	CUB							
CHECKED:	BIB							
APPROVED:	MIF							
DATE:	10/27/2023							

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 30 N. LaSalle St., Suite 3200 - Chicago, Illinois 60602
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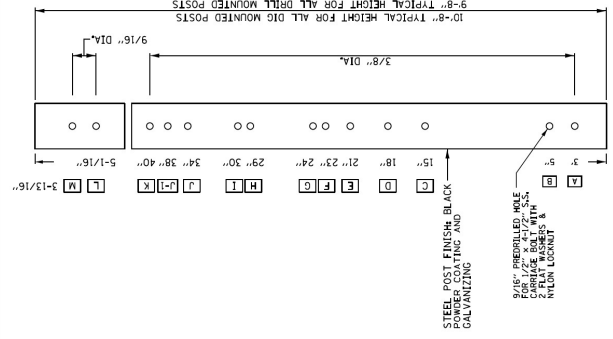
CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

111TH STREET AND
COTTAGE GROVE AVENUE
IMPROVEMENTS

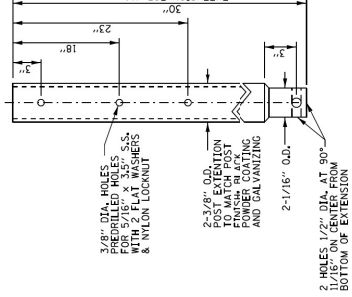
SIGNING DETAILS

SECTION NO. SECTION INTS. PROJECT NO. 540451

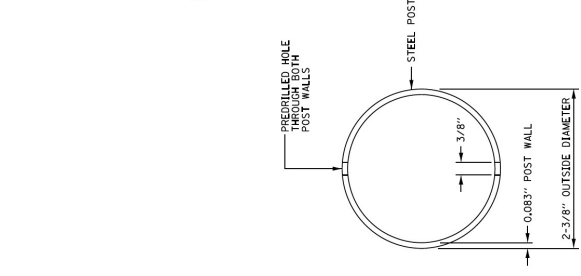
DRAWING NO. SD-1 SHEET NO. 2/3



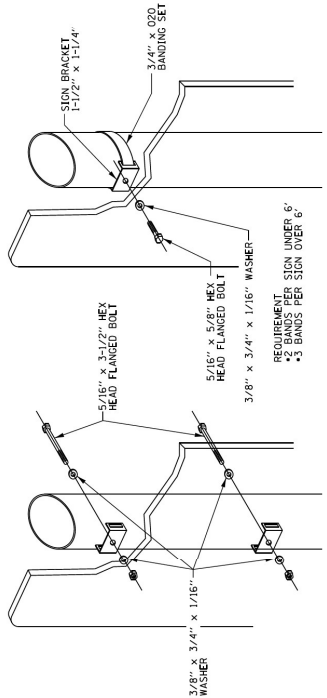
① ELEVATION: SIGN POST
NOT TO SCALE



SECTION: DRILLED POST EXTENSION
NOT TO SCALE



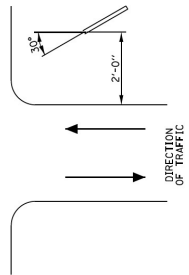
② SECTION: SIGN POST
NOT TO SCALE



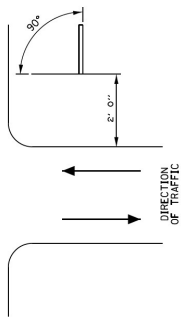
LIGHT STANDARD ASSEMBLY

2-3/8\"/>

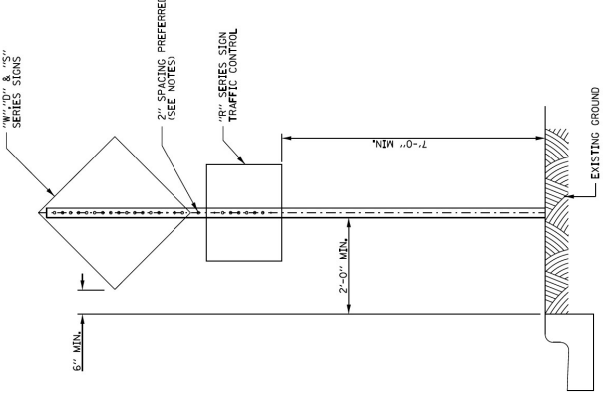
CENTER MOUNTED SIGN ASSEMBLY
NOT TO SCALE



MOUNTING DETAIL
FOR TRAFFIC CONTROL SIGNS WITH DIRECTIONAL ARROWS



TYPICAL MOUNTING DETAIL
SIGN MOUNTING DETAILS
NOT TO SCALE



CENTER MOUNTED SIGN INSTALLATION
NOT TO SCALE

DATE	REVISION	CITY OF CHICAGO
		SIGN POST MOUNTING AND INSTALLATION DETAILS
	DATE	DRAWN BY
	12/21/2020	

NOTE:
2\"/>

DRAWN:	CUB
CHECKED:	BIB
APPROVED:	MIF
DATE:	10/27/2023

REVISION	DATE	DESCRIPTION
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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

30 N. LaSalle St., Suite 2220 - Chicago, Illinois 60602
Tel: 312.726.5916 - Fax: 312.726.8571
www.chicago.gov

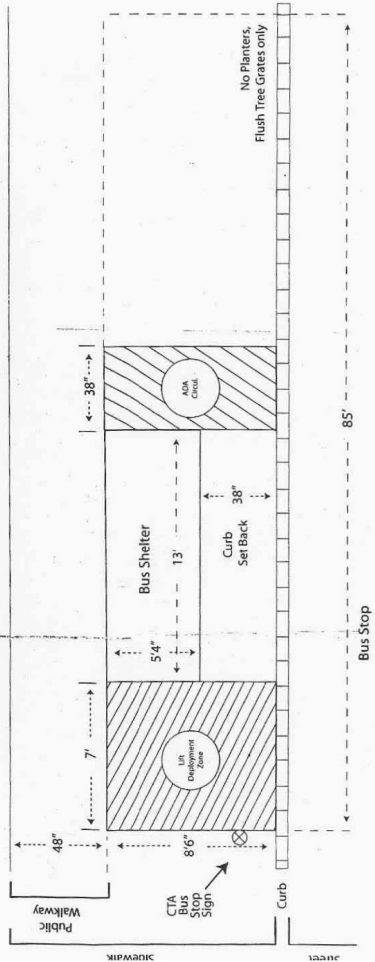
11TH STREET AND
COTTAGE GROVE AVENUE
IMPROVEMENTS

SIGNING DETAILS

DRAWING NO.
SD-2
SHEET NO.
239

MODEL: CHM01 File Name: S:\2020\0805 - CDDT - Icons - CDDT Inhouse and Supercenter\CADD\Sheet\Sign Mounting and Installation Drawings

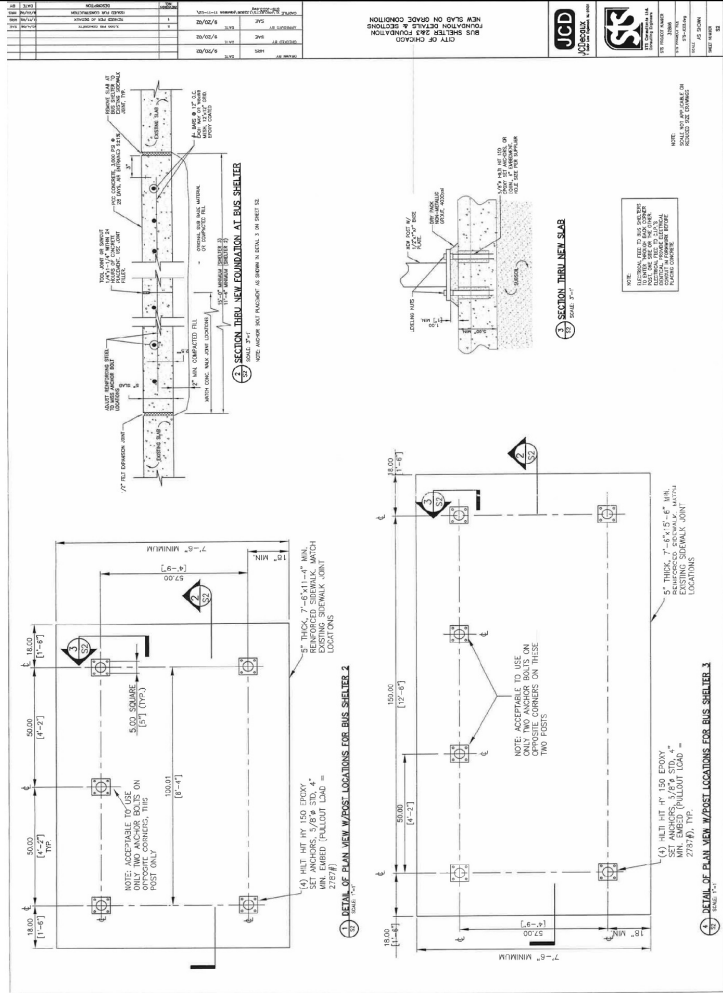
JCDecaux Bus Shelter Installation



Standard Bus Shelter Installation	Sidewalk Width	Curb Set Back	Bus Shelter length	Bus Shelter depth	Public Way depth	Note
Exception #1	12' - 6" or more	38"	13' or 9'	5' - 4"	48" or more	Limited to 13' shelter only as one back glass panel removed for ADA
Exception #2	10' - 10" to 12' - 6"	18"	13' or 9'	5' - 4"	48"	Limited to public/open space uses beyond property line
	10' - 5" to 10' - 10"	48" or more	13' or 9'	5' - 4"	Same as Curb Set Back	

NOTE #1 = Set Back measured from back of the curb joint (or from the edge of the sidewalk if there is no curb)

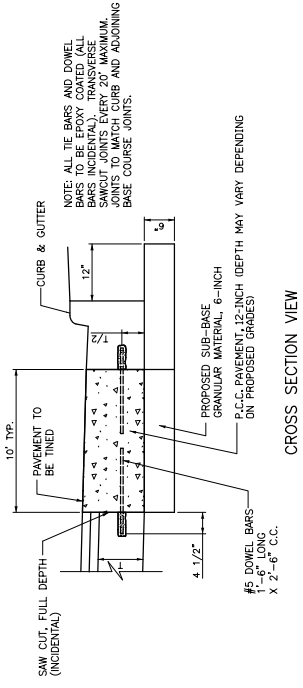
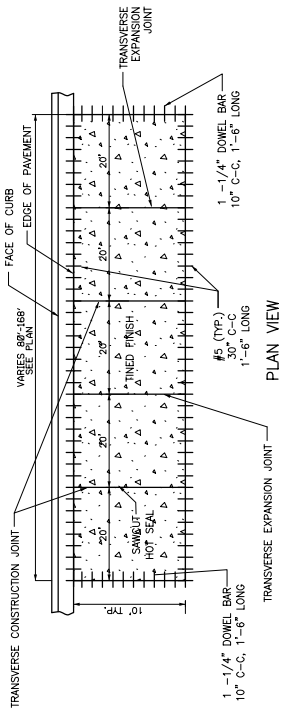
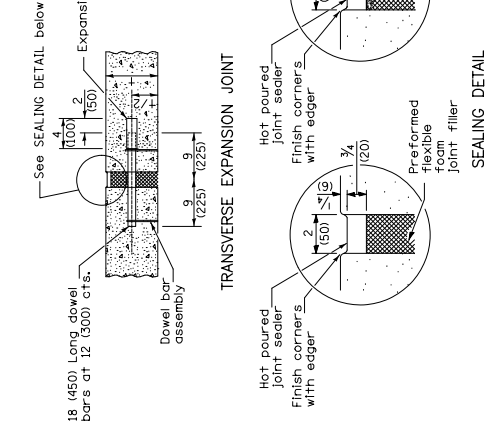
NOTE #2 = No planters within the 85' bus stop except for trees with flush tree grates



NOTE: EXISTING BUS SHELTERS SHALL BE REMOVED AND REINSTALLED BY THE CHICAGO TRANSIT AUTHORITY AND/OR JC DECAUX PERSONNEL AT THE LOCATIONS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE COMMISSIONER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THIS WORK WITH THE CHICAGO TRANSIT AUTHORITY, JC DECAUX, AND THE COMMISSIONER. P.C.C. SIDEWALKS IN THE BUS SHELTER LOCATIONS MUST BE REINFORCED AS SHOWN IN THE ABOVE DETAILS. REQUIRED REINFORCEMENT IS INCIDENTAL TO SIDEWALK ITEM.

DOWEL BAR TABLE	
PAVEMENT THICKNESS	DOWEL BAR DIAMETER
8 (200) or greater	1/2 (38)
7 (175) thru 7.99 (199)	1/4 (32)
Less than 7 (175)	1 (25)

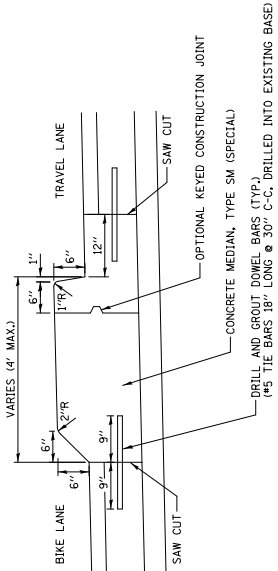
* Expansion caps shall be installed on the exposed end of each dowel bar. The height of the cap above the joint filler material has been installed.



NOTE: ALL TIE BARS AND DOWEL BARS TO BE EPOXY COATED (ALL BARS INCIDENTALLY). TRANSVERSE JOINTS TO MATCH CURE AND ADJOINING BASE COURSE JOINTS.

CROSS SECTION VIEW

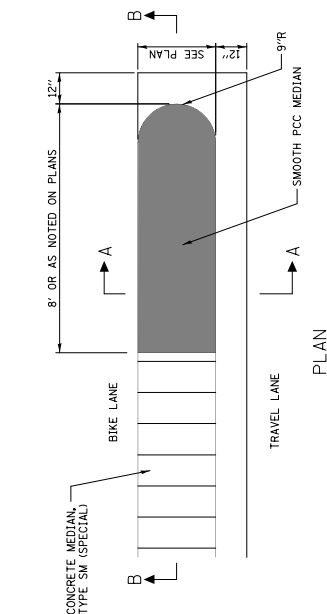
DRAWING NO.	DET-2
SHEET NO.	243
PROJECT NO.	540451
SECTION NO.	
SCALE: N.T.S.	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT	111TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS
30 N. LaSalle St. Suite 3220 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.cityofchicago.com	
CIVILTECH	
DESCRIPTION	
DRAWN: CURB	DATE:
CHECKED: B/B	REVISED BY:
APPROVED: M/F	DATE:
DATE: 10/27/02	



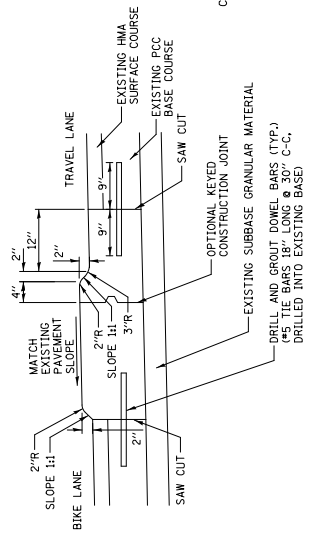
NOTES: 1. CONCRETE MEDIAN TYPE SM (SPECIAL) SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PREVIOUS EDITIONS OF THE STANDARD SPECIFICATIONS AND SECTION 606 OF THE STANDARD SPECIFICATIONS.

DETAILS FOR CONCRETE MEDIAN, TYPE SM (SPECIAL)

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR "CONCRETE MEDIAN, TYPE SM (SPECIAL)".



PLAN

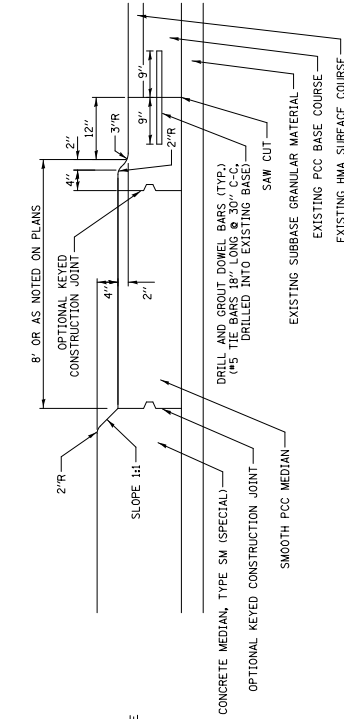


SECTION A-A

NOTES: 1. SMOOTH PCC MEDIAN AND CONCRETE MEDIAN TYPE SM (SPECIAL) SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STATE STANDARD 606301 AND SECTION 606 OF THE STANDARD SPECIFICATIONS.

DETAILS FOR CONCRETE MEDIAN, TYPE M-2.12 (SPECIAL)

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR "CONCRETE MEDIAN, TYPE M-2.12 (SPECIAL)".



SECTION B-B

DRAWING NO.	DET-7	DRAWING NO.	DET-7
CHECKED:	B/B	CHECKED:	B/B
APPROVED:	M/F	APPROVED:	M/F
DATE:	10/27/2023	DATE:	10/27/2023
REVISION BY:		REVISION BY:	
DESCRIPTION:		DESCRIPTION:	
CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT		11TH STREET AND COTTAGE GROVE AVENUE IMPROVEMENTS	
30 N. LaSalle St., Suite 2200 - Chicago, Illinois 60602 Tel: 312.726.5910 - Fax: 312.726.8571 www.chicago.gov		SCALE: N.T.S.	
CIVILTECH		SECTION NO.	
		PROJECT NO. 545451	
		SHEET NO. 248	