

FURNACE STREET:
LAKE AVE
KERSTETTER WAY

VARIOUS SIGN
LOCATIONS

LOCATION MAP

LATITUDE: N 41° 20' 59" LONGITUDE: W 82° 06' 12"

UNDERGROUND UTILITIES

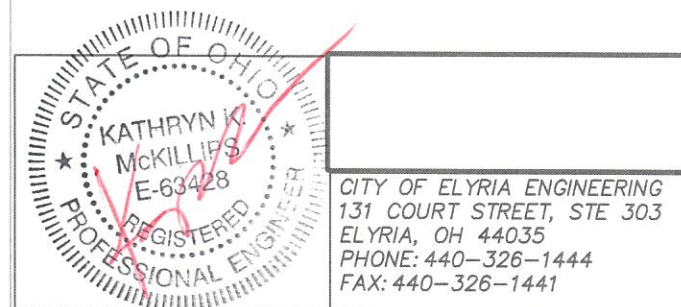
Contact Two Working Days
Before You Dig



OHIO811, 8-1-1, or 1-800-362-2764

(Non-members must be called directly)

STANDARD CONST. DWGS.	SUPP. SPECS
BP-7.1 7/21/2023	800 10-20-2023
	832 7/21/2023



CITY OF ELYRIA ENGINEERING
131 COURT STREET, STE 303
ELYRIA, OH 44035
PHONE: 440-326-1444
FAX: 440-326-1441

LOR-Elyria VAR TLCI Phase 6

PID NO. 122081

CITY OF ELYRIA
LORAIN COUNTY, OHIO

INDEX OF SHEETS

TITLE SHEET	1
GENERAL NOTES	2
GENERAL SUMMARY	3
PLAN	4-8
LIGHTING	9
SIGN SCHEDULE	10
NOTES AND DETAILS	11

PROJECT DESCRIPTION

IMPROVEMENT OF KERSTETTER WAY, FURNACE STREET, LAKE AVENUE AND OTHER VARIOUS POINT LOCATIONS WITH THE INSTALLATION OF SIGNAGE, PAVEMENT MARKINGS AND NEW UNDER BRIDGE WALL PACK LIGHTING..

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

DESIGN DESIGNATION

CURRENT ADT :.....N/A
DESIGN YEAR ADT :.....N/A
DESIGN HOURLY VOLUME :.....N/A
DIRECTIONAL DISTRIBUTION:.....N/A
TRUCKS (24 HOUR B&C):.....N/A
DESIGN SPEED:.....35 MPH
LEGAL SPEED:.....25 MPH
DESIGN FUNCTIONAL CLASSIFICATION:.....COLLECTOR
DESIGN EXCEPTIONS:.....NONE
DATE APPROVED:.....N/A

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: N/A (MAINTENANCE PROJECT)
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A (MAINTENANCE PROJECT)
NOTICE OF INTENT EARTH DISTURBED AREA: N/A (MAINTENANCE PROJECT)

I HERBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING OF TRAFFIC OF THE HIGHWAY EXCEPT AS NOTED ON SHEETS 3 AND THAT THE PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED Ka Re

DATE 7-28-25 MAYOR, CITY OF ELYRIA

APPROVED ashl

DATE 7/28/25 SAFETY SERVICE DIRECTOR

APPROVED Sei

DATE 7/25/25 CITY ENGINEER

SAM UNIQUE NO
NENJACUWR85

PID NO.
122081

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT

LOR-ELYRIA VAR TLCI PHASE 6 PROJECT

1
12

GENERAL

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

CHARTER COMMUNICATIONS
SPECTRUM
578 TERNES LN
ELYRIA, OHIO 44035
330-351-3373

COLUMBIA GAS
3101 NORTH RIDGE ROAD E.
LORAIN, OHIO 44055
440-240-6144
ATTN.: ADAM WOODIE

WINDSTREAM OHIO
560 TERNES AVE.
ELYRIA, OHIO 44035
440-329-4245

CITY OF ELYRIA ENGINEERING DEPT.
131 COURT ST.
ELYRIA, OHIO 44035
440-326-1444

OHIO EDISON
6326 LAKE AVE.
ELYRIA, OH 44035
440-326-3319
ATTN: NATALIE CAMP

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

THE CONTRACTOR SHALL LOCATE AND IDENTIFY ALL UTILITY CONFLICTS AND COORDINATE THE RELOCATION OF THESE UTILITIES WITH THE RESPECTIVE UTILITY COMPANY, INCLUDING SERVICE LATERALS.

ANY RELOCATION OF EXISTING UTILITIES SHALL BE COORDINATED WITH THE RESPECTIVE UTILITY COMPANY BY THE CONTRACTOR IN ADVANCE OF HIS WORK AS NOT TO INTERFERE WITH THE CONTRACTOR'S WORK.

ANY DAMAGE CAUSED TO THE PAVEMENT, DRIVES, DRAINAGE SYSTEMS, UNDERGROUND OR OVERHEAD UTILITIES, PIPE LINES OR LANDSCAPING, EITHER WITHIN THE RIGHT OF WAY, EASEMENTS OR ON ADJACENT PROPERTIES, SHALL BE FULLY RESTORED PROMPTLY BY THE CONTRACTOR WITH ALL RELATED COSTS BEING THE FULL RESPONSIBILITY OF THE CONTRACTOR.

THE CONTRACTOR IS TO HAND EXCAVATE, WITH EXTREME CAUTION, AREAS AROUND GAS SERVICE AND/OR MAINS WHERE THEY MAY BE IN CONFLICT. THUS EXPOSING THE SERVICE/MAIN AND DETERMINE IF IT IS IN CONFLICT. IF THERE IS A CONFLICT THE CONTRACTOR IS TO NOTIFY THE UTILITY AND COORDINATE ITS RELOCATION.

THE CONTRACTOR IS TO COORDINATE WITH OHIO EDISON FOR THE DISCONNECT OF POWER SUPPLY TO THE EXISTING LIGHTS IF APPLICABLE.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 7:00 PM AND 7:00 AM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

SURVEYING PARAMETERS

PROJECT CONTROL PARAMETERS ARE LOCATED BELOW. NO VERITCAL CONTROL WAS SET FOR THIS PROJECT.

CONTROL POINTS

CONTROL	NORTHING	EASTING	DESC.	STATION	OFFSET
100	619979.78	2076143.07	CL	2+00.00	0' LT
200	619568.37	2076137.84	CL	26+68.32	0' LT

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

EROSION CONTROL

ITEM 832 - EROSION CONTROL

A QUANTITY FOR EROSION CONTROL HAS BEEN PROVIDED BELOW TO BE USED BY THE CONTRACTOR.

ITEM 832 - EROSION CONTROL

100 EACH

COORDINATION

CONCRETE SIDEWALKS

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES DURING THE REPLACEMENT OF SIDEWALKS UNLESS APPROVAL THROUGH THE ENGINEER AND BUSINESS/PROPERTY OWNER IS GRANTED.

DOWNTOWN EVENTS

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS AND SPECIAL EVENTS:

NEW YEARS DAY INDEPENDENCE DAY THANKSGIVING
MARTIN LUTHER KING DAY LABOR DAY CHRISTMAS
MEMORIAL DAY

ELYRIA HIGH SCHOOL BAND APPRECIATION DAY (FRIDAY BEFORE MEMORIAL DAY)
ELYRIA HIGH SCHOOL GRADUATION
APPLE FESTIVAL (THIRD WEEKEND IN SEPTEMBER)
BEAUTIFICATION DAY HALLOWEEN PARADE KERSTETTER 5K RUN
CLEVELAND POPS CONCERT

OTHER EVENTS MAY BE POSSIBLE. CONTRACTOR SHALL VERIFY DATES/TIMES.

PAVEMENT MARKINGS

ITEM 644 - THERMOPLASTIC PAVEMENT MARKING

ITEM 644 - THERMOPLASTIC PAVEMENT MARKING

PER PLAN

MAINTAINING TRAFFIC, INCL. PEDESTRIAN

DETOUR NOTIFICATION

THE CONTRACTOR SHALL ADVISE THE CITY (440-326-1444) SEVEN (7) DAYS IN ADVANCE OF WHEN THE DETOUR ROUTES SHOULD BE IN EFFECT. ALL WORK ZONE DEVICES REQUIRED FOR DETOURS SHALL BE FURNISHED, ERECTED, MAINTAINED, AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR. PAYMENT FOR ALL WORK ASSOCIATED WITH THE DETOUR SHALL BE INCLUDED UNDER THE LUMP SUM BID FOR ITEM 614, MAINTENANCE OF TRAFFIC.

CLOSURE / DETOUR REQUIREMENTS

1. LIGHTING / ELECTRICAL CONDUIT WORK MAY REQUIRE CLOSURE OF KERSTETTER WAY.

2. CLOSURES MUST ALLOW ACCESS TO ALL BUSINESSES AND PROPERTIES WITHIN THE CLOSURE AREA.

4.SIDEWALKS SHALL BE CLOSED AND PEDESTRIANS DETOURED WHERE SIDEWALK WORK ARE TAKING PLACE.

DETOUR ROUTES: STREETS AVAILABLE FOR DETOUR, PREPARED AND SUBMITTED BY THE CONTRACTOR FOR CITY APPROVAL

CLOSURE OF KERSTETTER WAY - THE FOLLOWING STREETS MAY BE UTILIZED:
BROAD STREET
WEST AVENUE

ITEM 614 - MAINTAINING TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST REVISION, THE SPECIFICATIONS AND THE FOLLOWING:

1. THE CONTRACTOR SHALL INFORM THE CITY (440) 326-1444 SEVEN (7) DAYS PRIOR TO THE BEGINNING OF WORK.

2. BASED ON CONTRACTOR'S PROPOSED SCHEDULE FOR INSTALLING THE CONCRETE SIDEWALKS, CONTRACTOR SHALL SUBMIT A SIDEWALK CLOSURE TIMELINE AND A LIST OF THE SIDEWALK AREAS THAT WILL BE CONSTRUCTED DURING THE PROPOSED CLOSURE FOR APPROVAL BY THE ENGINEER. PEDESTRIAN WALKWAY CLOSURES SHALL BE CLEARLY MARKED WITH SIGNAGE STATING SIDEWALK IS CLOSED. ADDITIONAL SIGNAGE MAY BE NEEDED TO PROVIDE DIRECTION FOR PEDESTRIAN DETOURS. PEDESTRIAN TRAFFIC SHALL BE MAINTAINED TO ALL BUSINESSES THROUGHOUT THE PROJECT UNLESS ALTERNATE ARRANGEMENTS ARE MADE AND APPROVED BY THE PROPERTY/BUSINESS OWNER AND THE CITY.

3. CONES SHALL NOT BE ACCEPTABLE TRAFFIC CONTROL DEVICES FOR LANE RESTRICTIONS OR LANE REDUCTIONS THAT ARE IN OPERATION ONE-HALF HOUR AFTER SUNSET OR ONE HALF-HOUR BEFORE SUNRISE. ALL NIGHTTIME LANE RESTRICTIONS SHALL REQUIRE DRUMS OR BARRICADES AT A MAXIMUM SPACING OF FIFTY (50) FEET. WEIGHTED CHANNELIZERS MAY BE USED IN ACCORDANCE WITH THE STANDARD CONSTRUCTION DRAWINGS.

4. THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND SUBSEQUENTLY REMOVE ALL FLAGS, BARRICADES, SIGNS, SIGN SUPPORTS AND FURNISH AND MAINTAIN ALL FLAGGERS, WATCHERS AND INCIDENTALS RELATED THERETO.

5. WHEN POSSIBLE, ALL UTILITY CROSSINGS SHALL BE IMMEDIATELY BACK FILLED WITH APPROVED MATERIAL. IN THE EVENT THAT A TRENCH CROSSING CANNOT BE IMMEDIATELY BACK FILLED WITH APPROVED MATERIAL, THE TRENCH MUST BE PLATED.

6. NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS AND SPECIAL EVENTS:

NEW YEARS DAY INDEPENDENCE DAY THANKSGIVING
MARTIN LUTHER KING DAY LABOR DAY CHRISTMAS
MEMORIAL DAY

ELYRIA HIGH SCHOOL BAND APPRECIATION DAY (FRIDAY BEFORE MEMORIAL DAY)
ELYRIA HIGH SCHOOL GRADUATION
APPLE FESTIVAL (THIRD WEEKEND IN SEPTEMBER)
BEAUTIFICATION DAY HALLOWEEN PARADE KERSTETTER 5K RUN
CLEVELAND POPS CONCERT

OTHER EVENTS MAY BE POSSIBLE. CONTRACTOR SHALL VERIFY DATES/TIMES.

IN ADDITION TO OPENING LANE TRAFFIC, NO EXCAVATED SIDEWALK AREAS SHALL EXIST DURING THE SPECIAL EVENTS.

7. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES AT THE BEGINNING AND ENDING POINTS OF THE WORK. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

8. THE CONTRACTOR SHALL KEEP IN PLACE THE EXISTING STOP SIGNS AND STREET NAME SIGNS DURING CONSTRUCTION UNTIL PROPOSED WORK CONSTITUTES THE REMOVAL OF SAID SIGNS. ALL OTHER SIGNS AND POSTS SHALL BE REMOVED AND DISPOSED OF.

9. LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 5 CONSECUTIVE CALENDAR DAYS FOR EACH CLOSURE, WHEN THROUGH TRAFFIC MAY BE DETOURED AS STATED. A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF \$250 PER DAY FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

THE ALLOWED CLOSURES SHOWN ON SHEET 3 ARE TO BE USED BY THE CONTRACTOR FOR CONSTRUCTION OF CONCRETE CROSSWALKS.

ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED FOR THE MAINTENANCE OF TRAFFIC ON THIS PROJECT:

ITEM 614 - MAINTAINING TRAFFIC

LUMP SUM

CONTRACT NUMBER
XX-XX-E

DATE
07/2025

CHECKED
KMM

DRAWN
KMM

LOR-ELYRIA TLCI
PHASE 6

GENERAL NOTES

DETOUR NOTIFICATION

THE CONTRACTOR SHALL ADVISE THE CITY (440-326-1444) SEVEN (7) DAYS IN ADVANCE OF WHEN THE DETOUR ROUTES SHOULD BE IN EFFECT. ALL WORK ZONE DEVICES REQUIRED FOR DETOURS SHALL BE FURNISHED, ERECTED, MAINTAINED, AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR. PAYMENT FOR ALL WORK ASSOCIATED WITH THE DETOUR SHALL BE INCLUDED UNDER THE LUMP SUM BID FOR ITEM 614, MAINTENANCE OF TRAFFIC.

CLOSURE / DETOUR REQUIREMENTS

1. LIGHTING / ELECTRICAL CONDUIT WORK MAY REQUIRE CLOSURE OF KERSTETTER WAY.
2. CLOSURES MUST ALLOW ACCESS TO ALL BUSINESSES AND PROPERTIES WITHIN THE CLOSURE AREA.
- 4.SIDEWALKS SHALL BE CLOSED AND PEDESTRIANS DETOURED WHERE SIDEWALK WORK ARE TAKING PLACE.

DETOUR ROUTES: STREETS AVAILABLE FOR DETOUR, PREPARED AND SUBMITTED BY THE CONTRACTOR FOR CITY APPROVAL

CLOSURE OF KERSTETTER WAY – THE FOLLOWING STREETS MAY BE UTILIZED:
BROAD STREET
WEST AVENUE

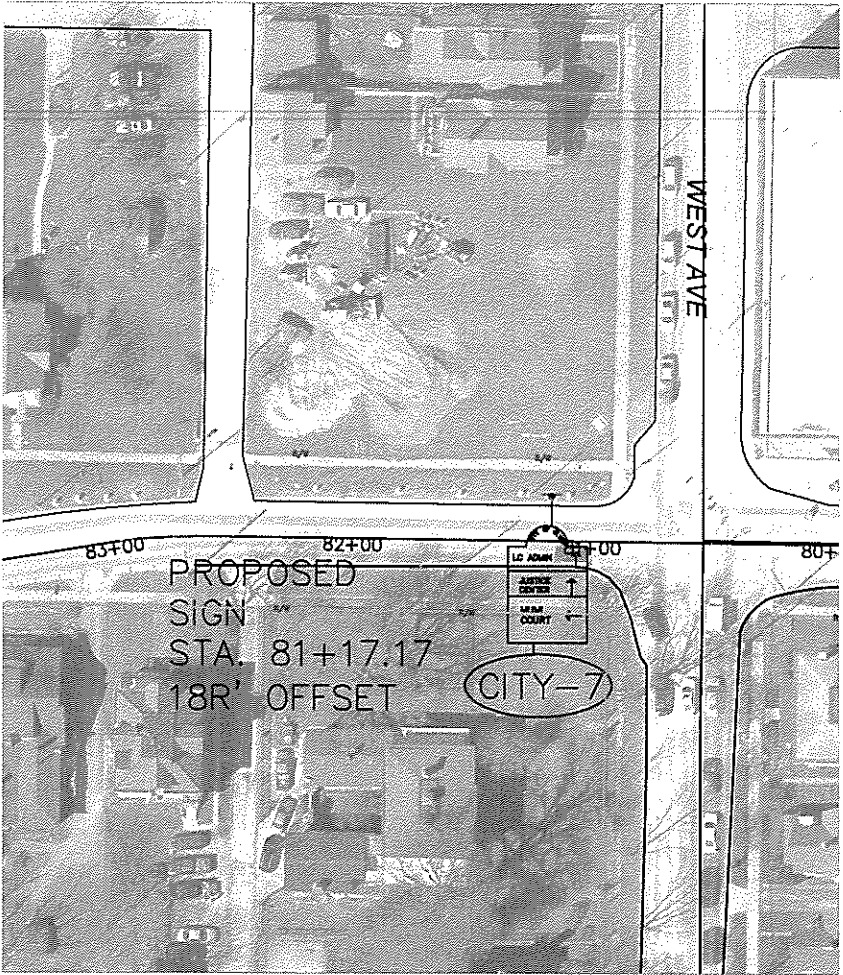
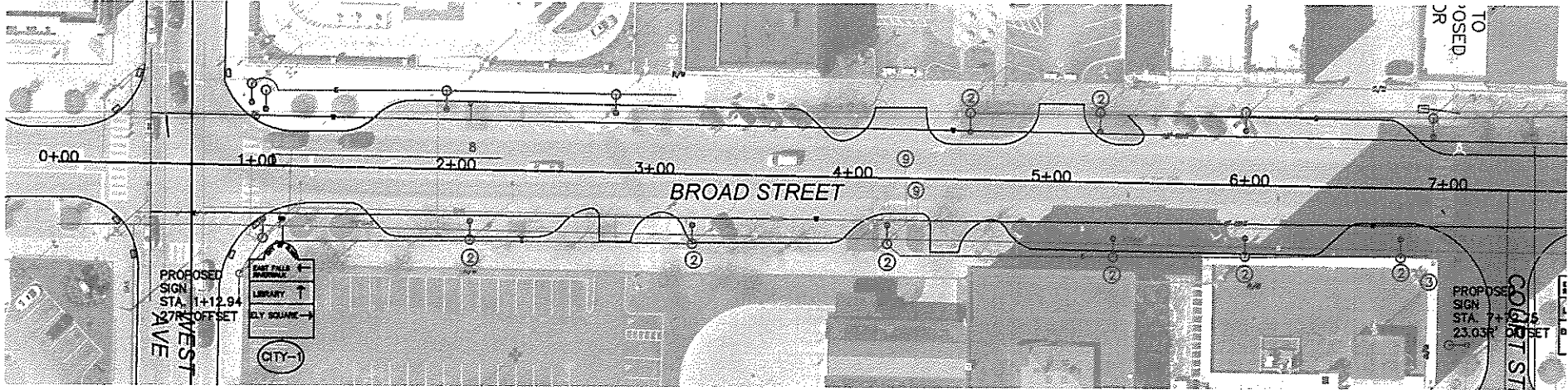
SHEET NUMBER						PARTICIPATION		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	ITEM NO.
4	5	6	7	8	9	01/5<2/01	100% CITY						
												ROADWAY	
	2400					2400		202	30000	2400	SF	WALK REMOVED	1
	2400					2400		608	13001	2400	SF	CONCRETE WALK, AS PER PLAN	2
												EROSION CONTROL	
								832	30000	100	EACH	EROSION CONTROL	3
												LIGHTING	
					10	10		625	27503	10	EACH	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN	4
					1	1		625	00480	1	EACH	CONNECTION, UNFUSED PERMANENT	5
					275	275		625	23400	275	FT	NO. 10AWG POLE AND BRACKET CABLE	6
					60	60		625	23302	60	FT	NO. 6AWG DISTRIBUTION CABLE	7
					1	1		625	31600	1	EACH	PULL BOX, 725.12, 18" (LIGHTING)	8
					285	285		625	25100	285	FT	CONDUIT, 1", 725.04	9
					120	120		625	29000	120	FT	TRENCH	10
					120	120		625	36000	120	FT	PLASTIC CAUTION TAPE	11
												TRAFFIC CONTROL	
	36	48	72			156		630	03100	156	FT	GROUND MOUNTED SUPPORT, NO. 3, INCL. SUPPORT ANCHOR	12
			36			36		630	80101	36	SF	SIGN, FLAT SHEET, AS PER PLAN	13
98	42	56		160		356		630	SPECIAL	356	SF	SIGN, WAYFINDING, AS PER PLAN	14
7						7		630	SPECIAL	7	EACH	SIGN POST, DECORATIVE	15
				84				630	06401	84	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7, PER PLAN	16
			20			20		644	19000	20	EACH	SHARED LANE SYMBOL	17
												MAINTENANCE OF TRAFFIC	
								614	11000	1	LS	MAINTAINING TRAFFIC	18
												MISCELLANEOUS	
								624	10000	1	LS	MOBILIZATION	19
2						2		690	50560	2	EACH	SPECIAL - BICYCLE RACK, AS PER PLAN	20

CONTRACT NUMBER XX-XX-E		DATE 07/2025	
DRAWN KKM	CHECKED XX		

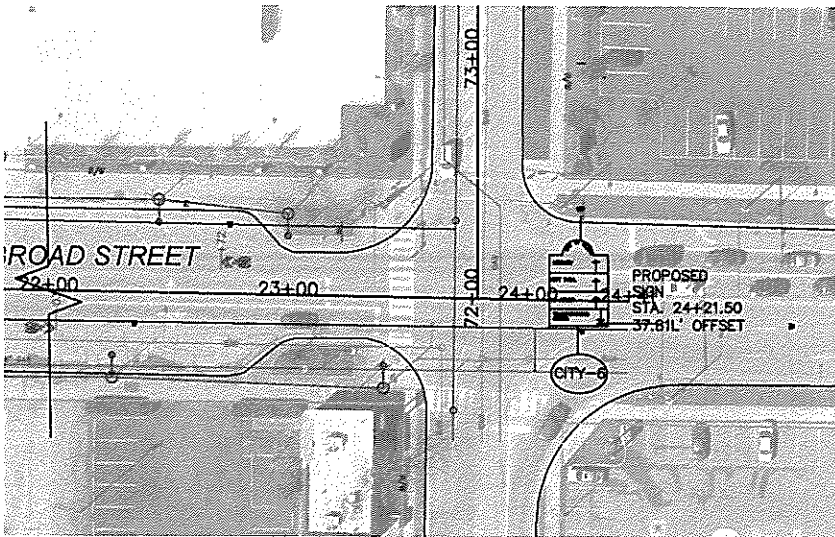
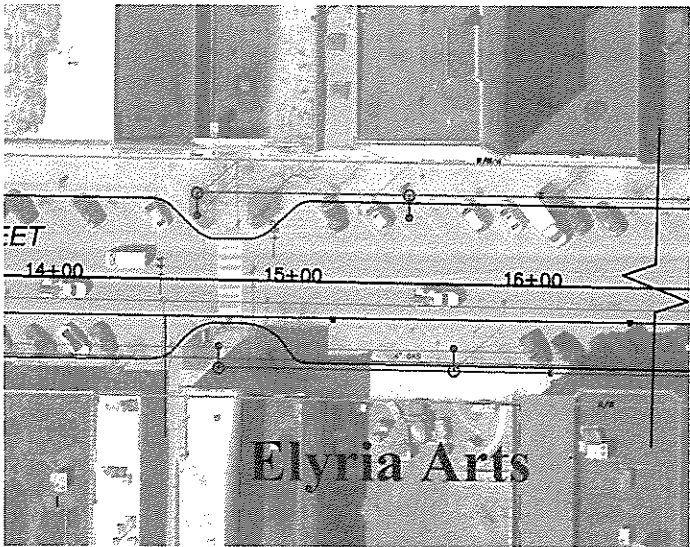
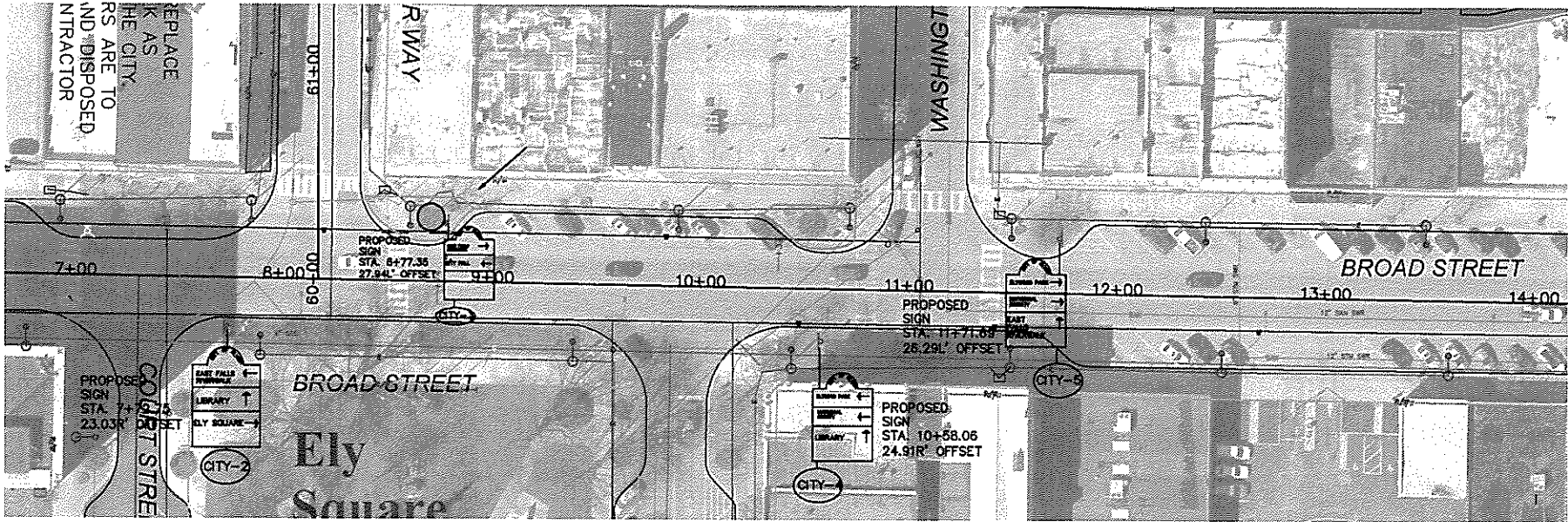
LOR-ELYRIA TLCI
PHASE 6

MAINTENANCE OF TRAFFIC
GENERAL SUMMARY

KM-TLCI 6 model 041025.dwg

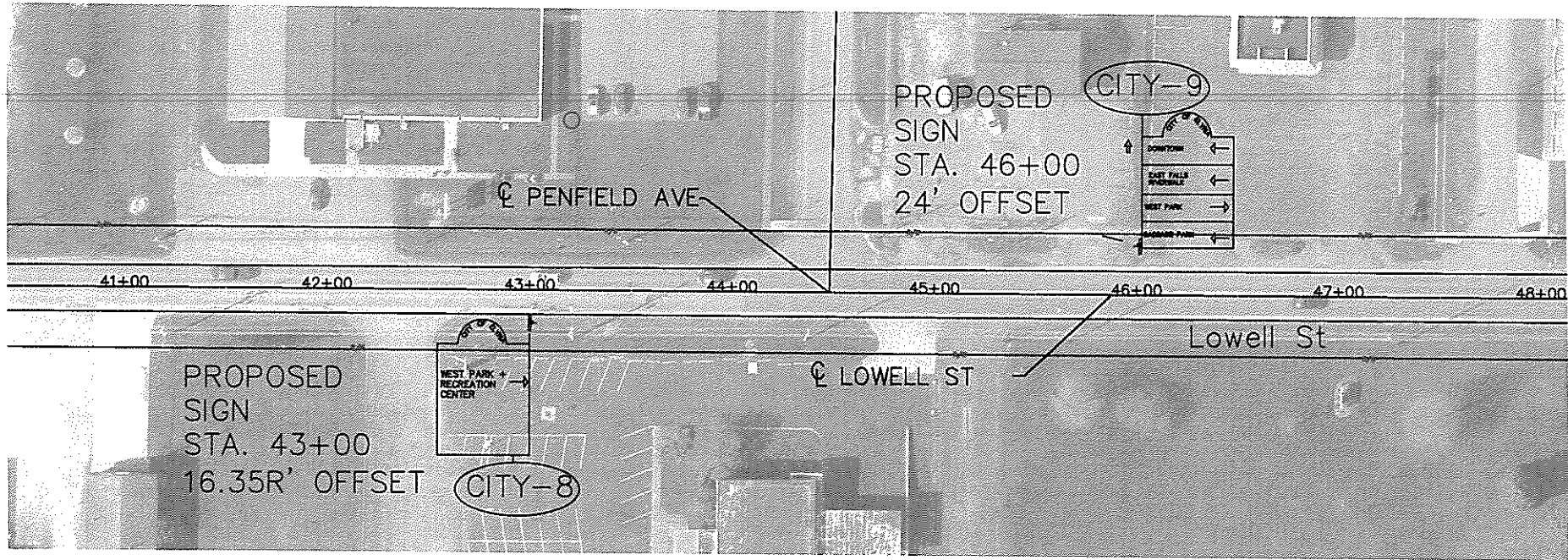


3RD STREET

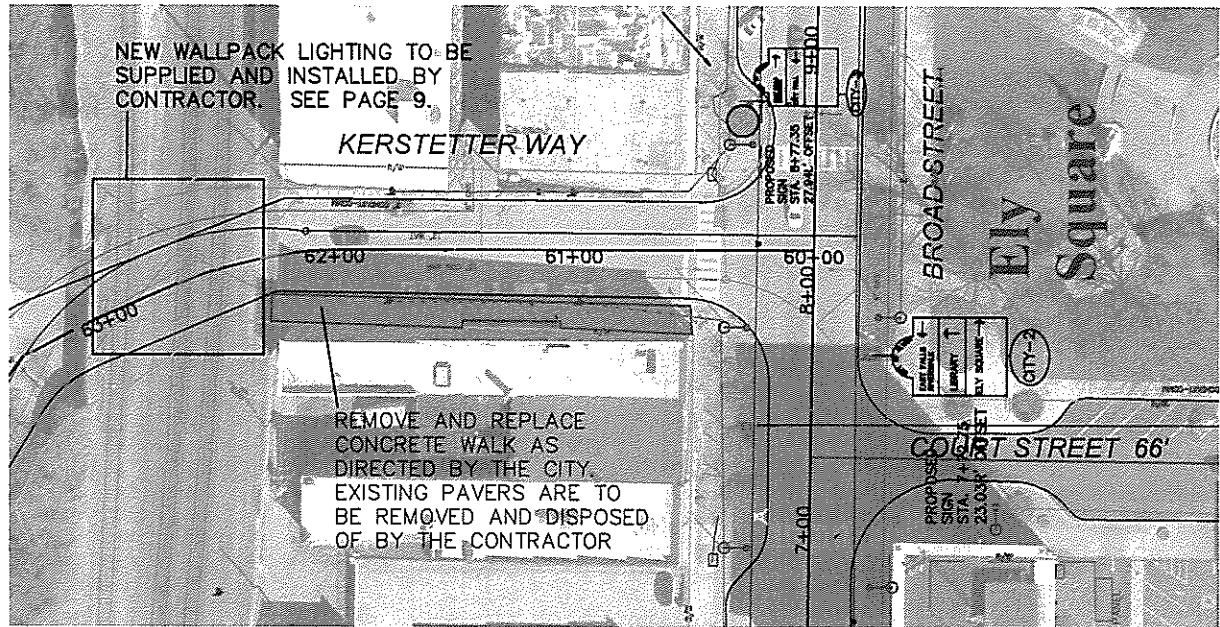


BROAD STREET

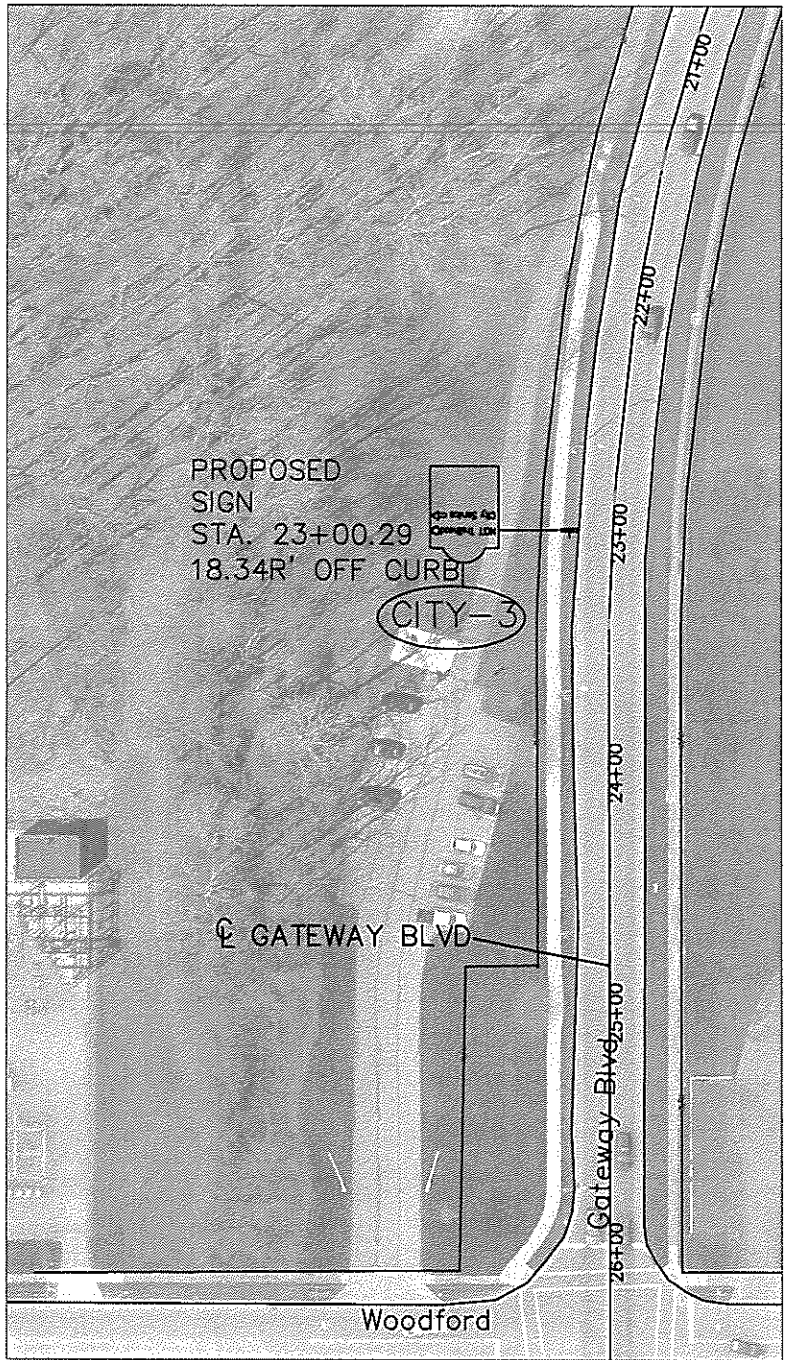
SHEET NUMBER					PARTICIPATION		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	ITEM NO.	
4	5	6	7	8	9	01/5-2/OT	100% CITY						
	2400					2400		202	30000	2400	SF	ROADWAY WALK REMOVED	1
	2400					2400		608	13001	2400	SF	CONCRETE WALK, AS PER PLAN	2
								832	30000	100	EACH	EROSION CONTROL EROSION CONTROL	3
								</					



Lowell Street

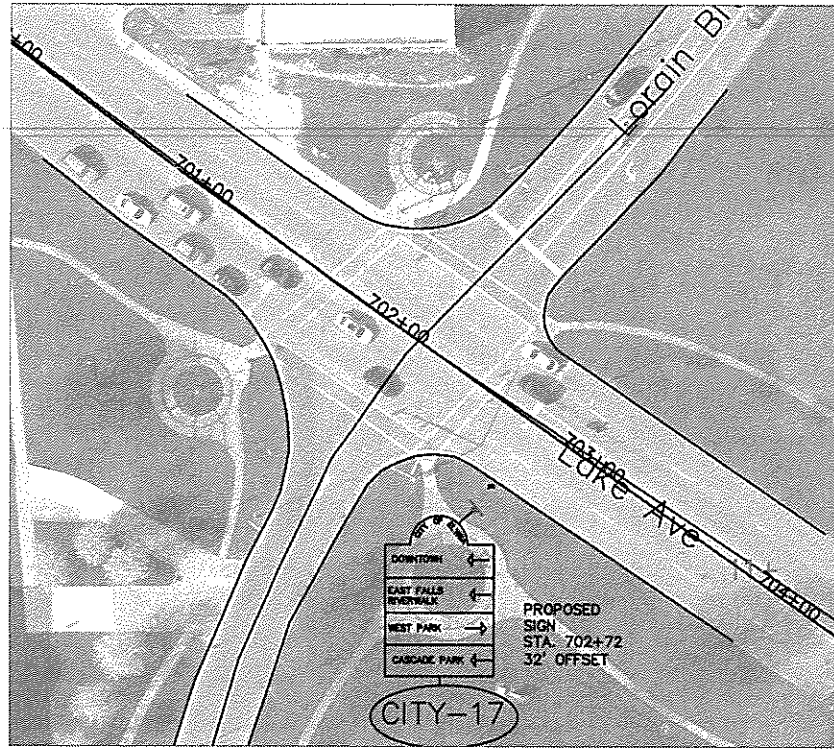


Kerstetter Way

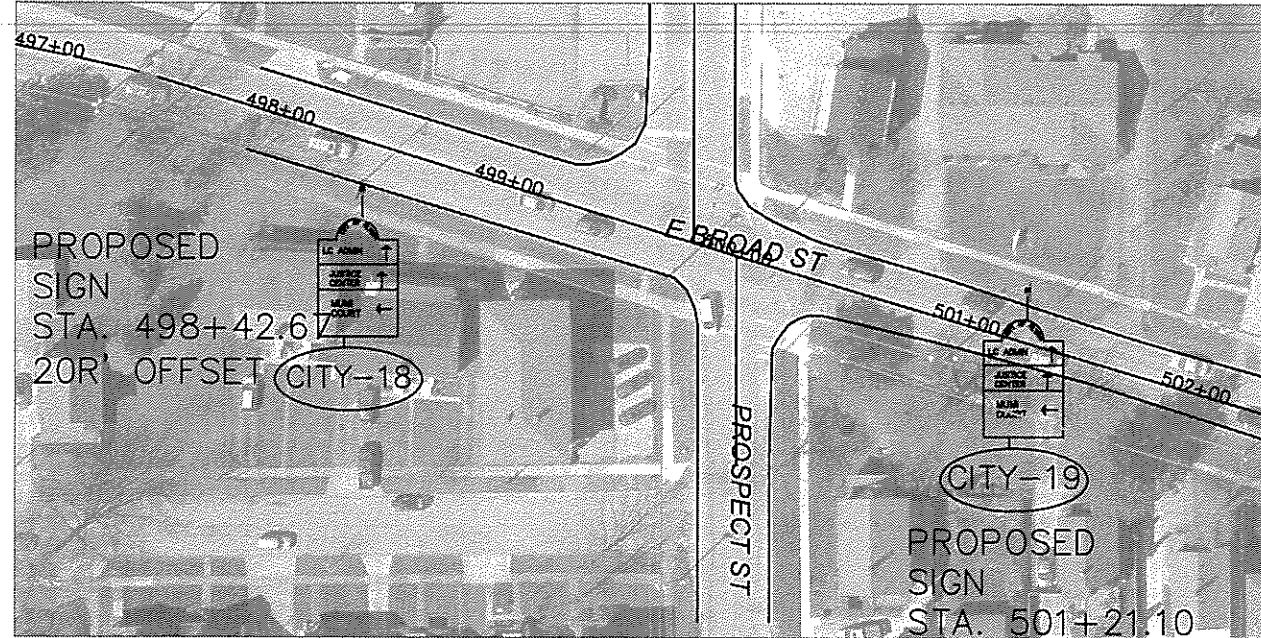


Gateway Blvd

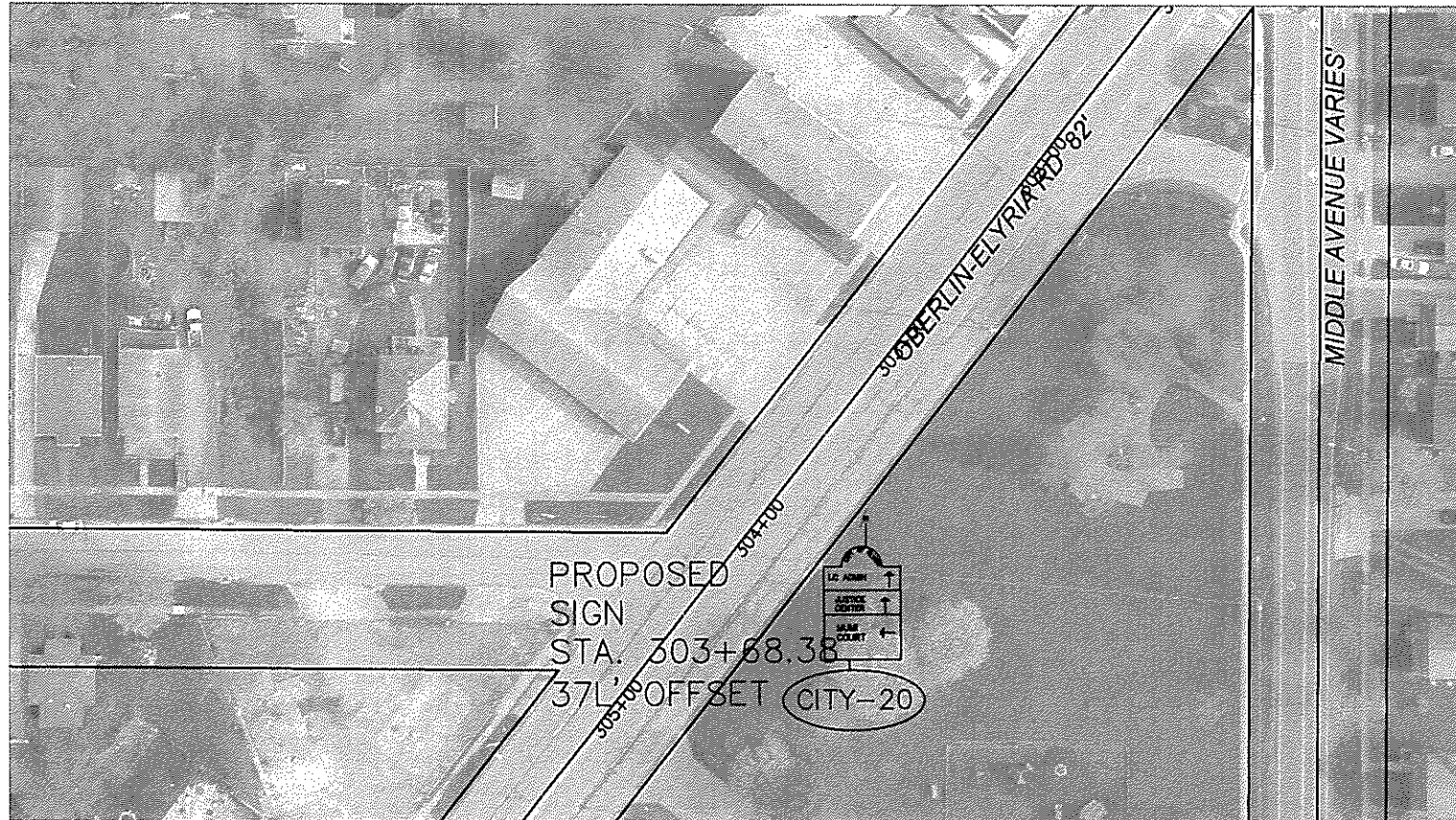
TLCI 6 model 041025.dwg



LAKE AVENUE



E BROAD STREET



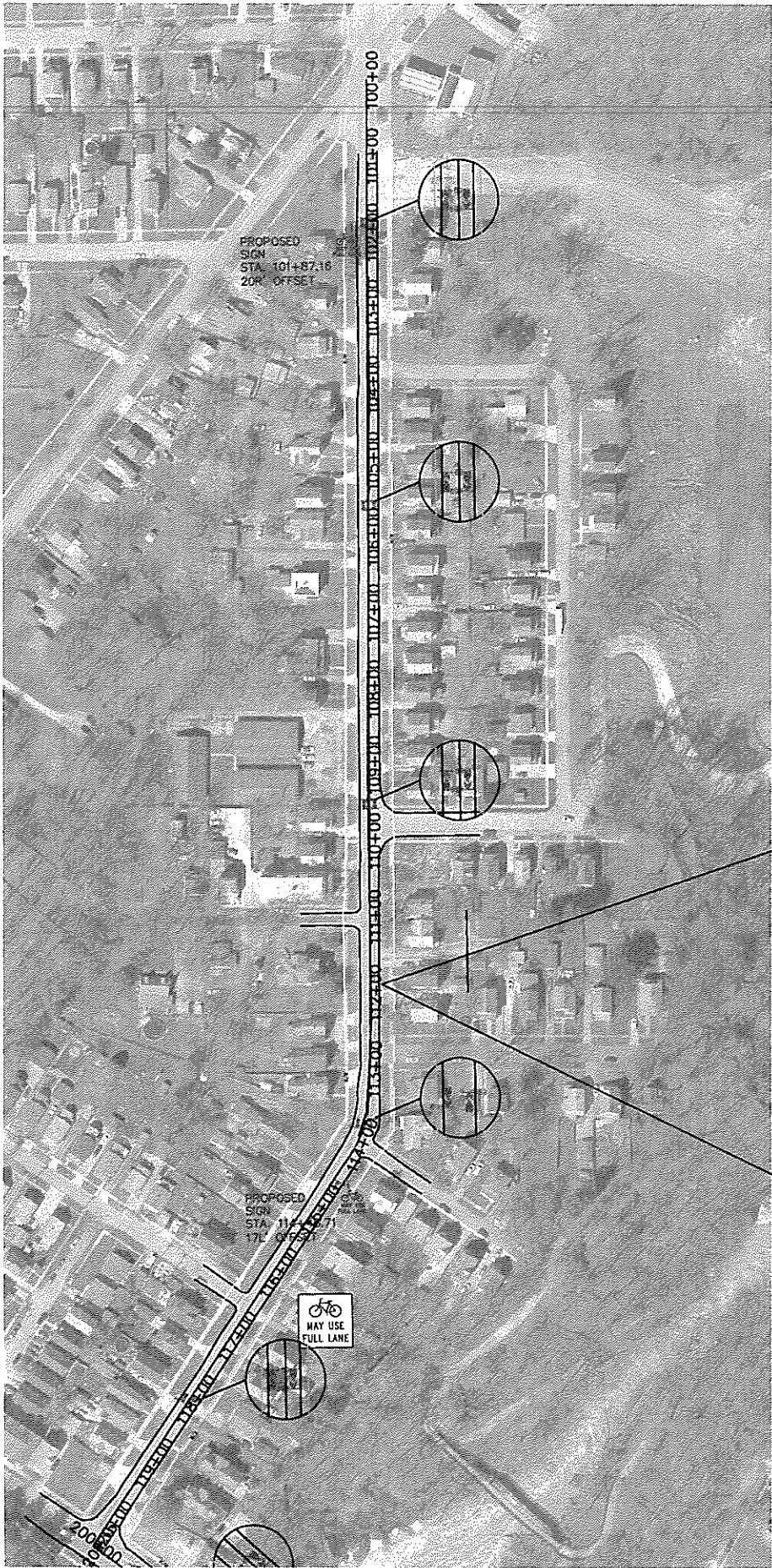
OBERLIN-ELYRIA RD



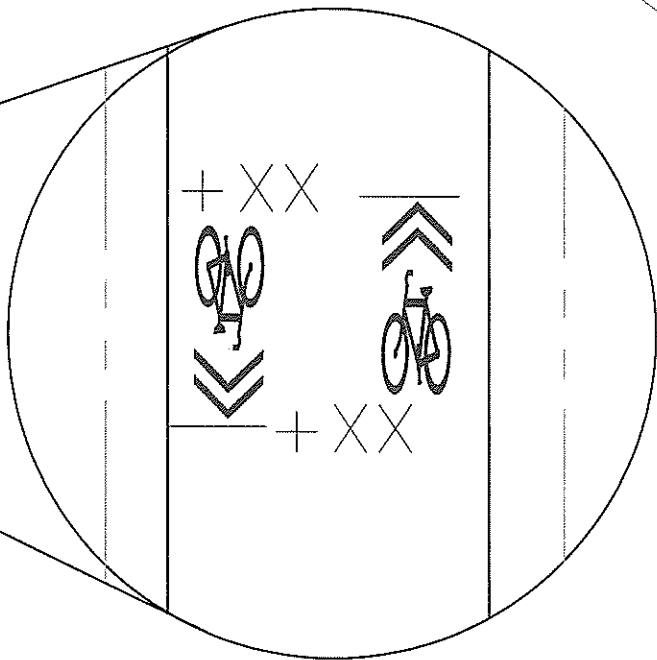
CONTRACT NUMBER	25-XX-E
DRAWN	KKM
CHECKED	KKM
DATE	07/2025

LOR-ELYRIA VAR TLCI PHASE
6

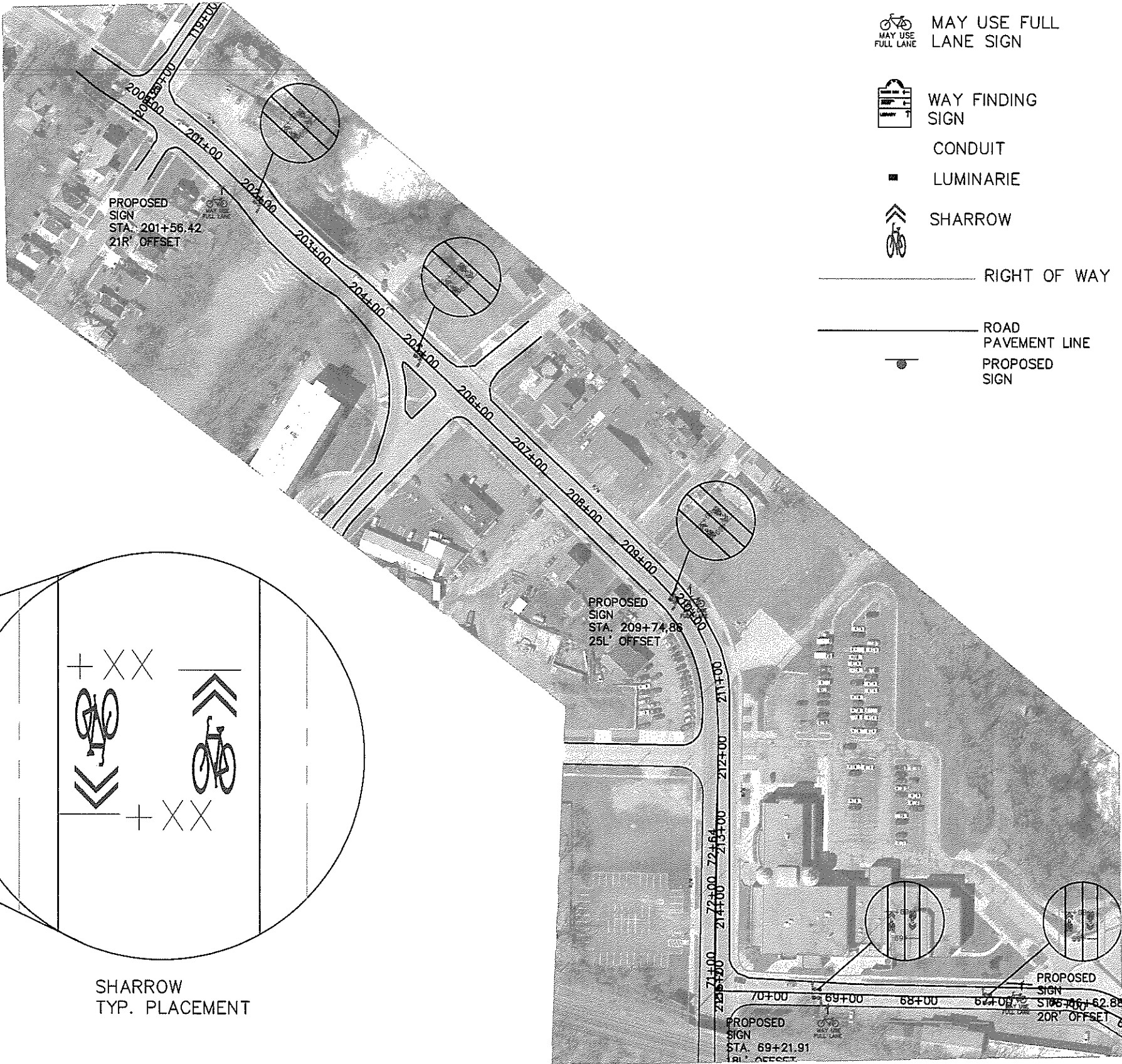
PLAN
BROAD STREET, LAKE AVE, OBERLIN-ELYRIA



FURNACE STREET
NOT TO SCALE



SHARROW
TYP. PLACEMENT



LAKE AVE, WEST AVE, KERSTETTER WAY

NOT TO SCALE

LEGEND



MAY USE FULL
LANE SIGN



WAY FINDING
SIGN

CONDUIT

LUMINARIE



SHARROW

RIGHT OF WAY

ROAD
PAVEMENT LINE
PROPOSED
SIGN

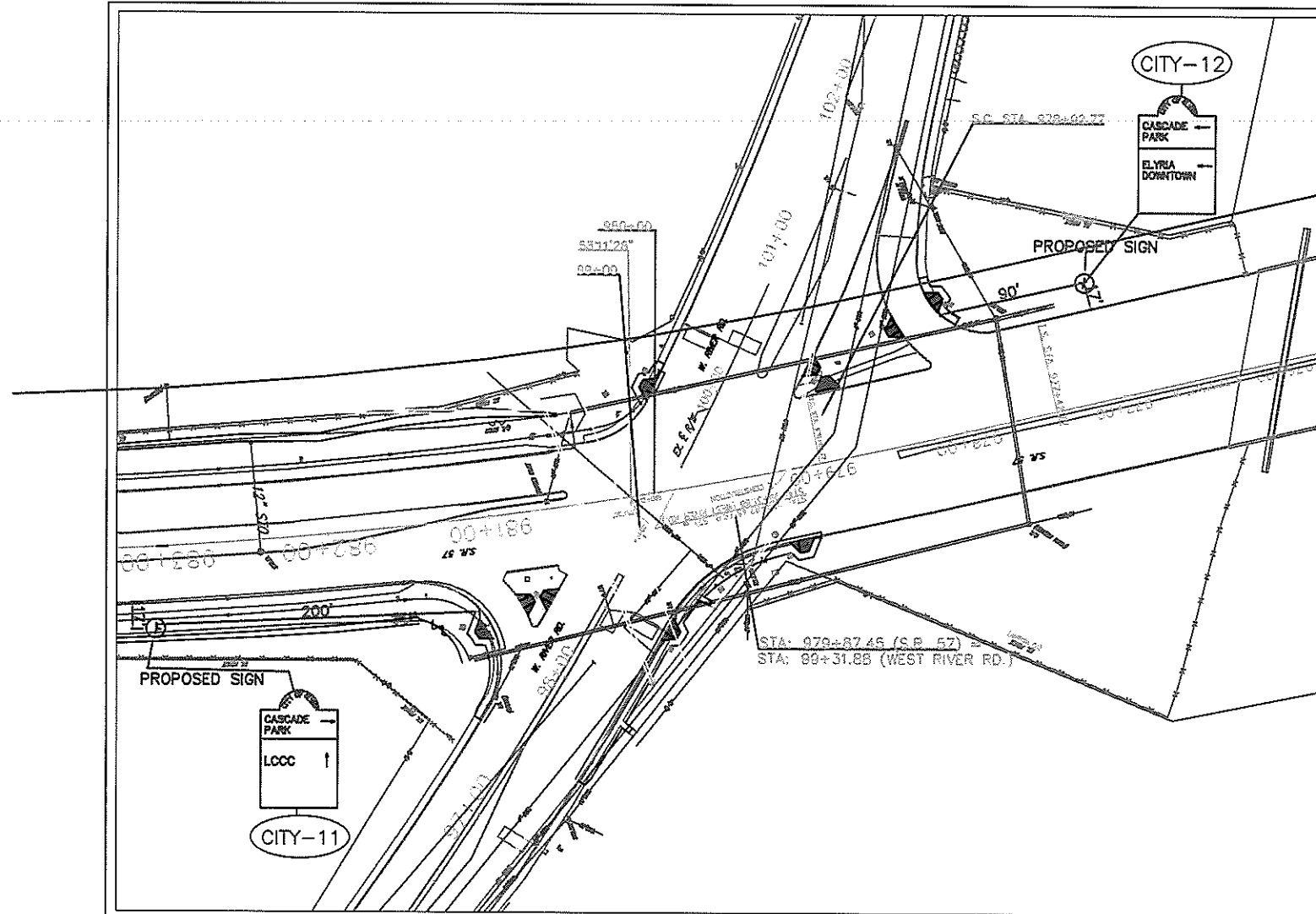


CONTRACT NUMBER
XX-XX-E

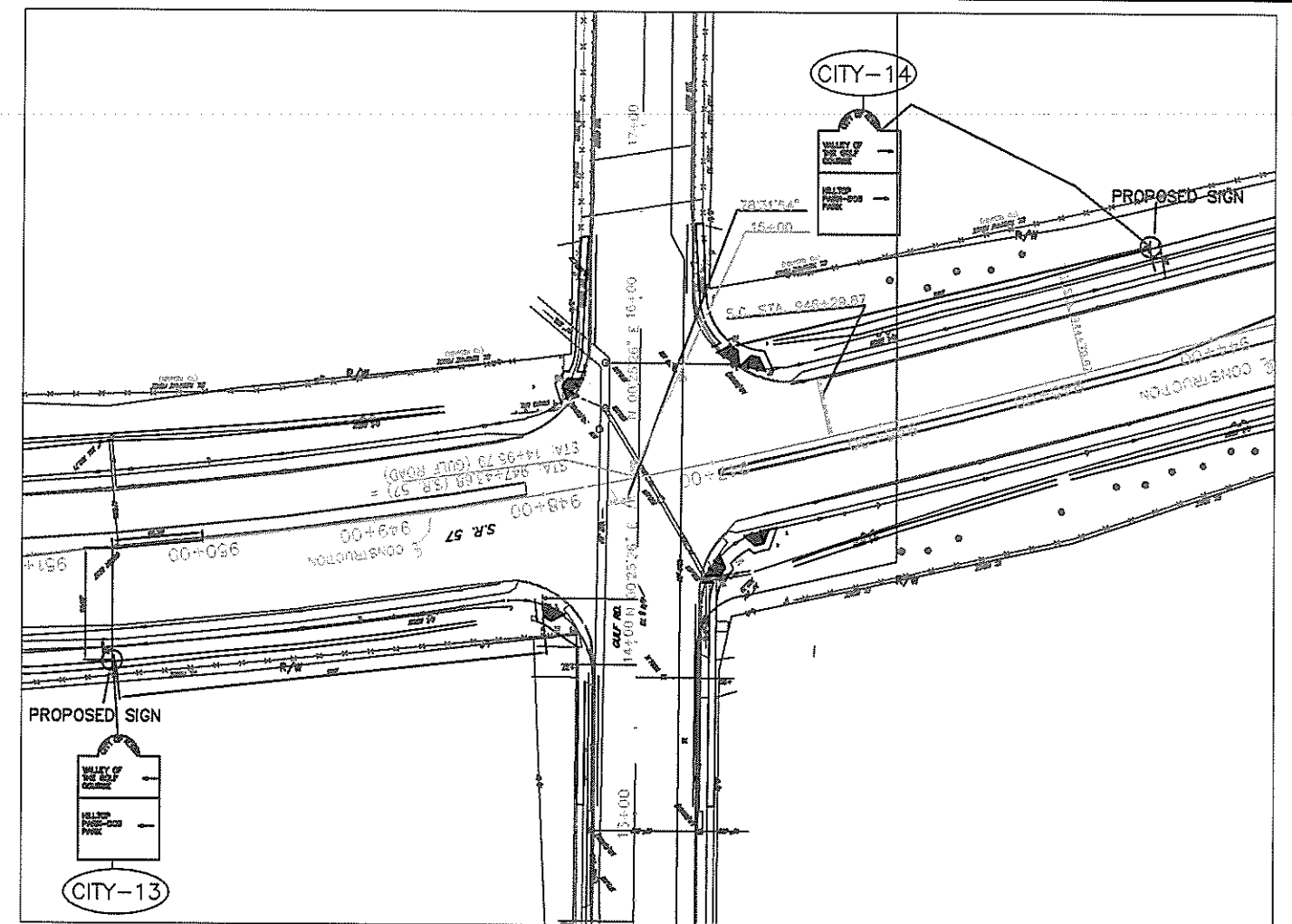
DRAWN	CHECKED	DATE
AC	KKM	07/2025

LOR-ELYRIA VAR TLCI
PHASE 6

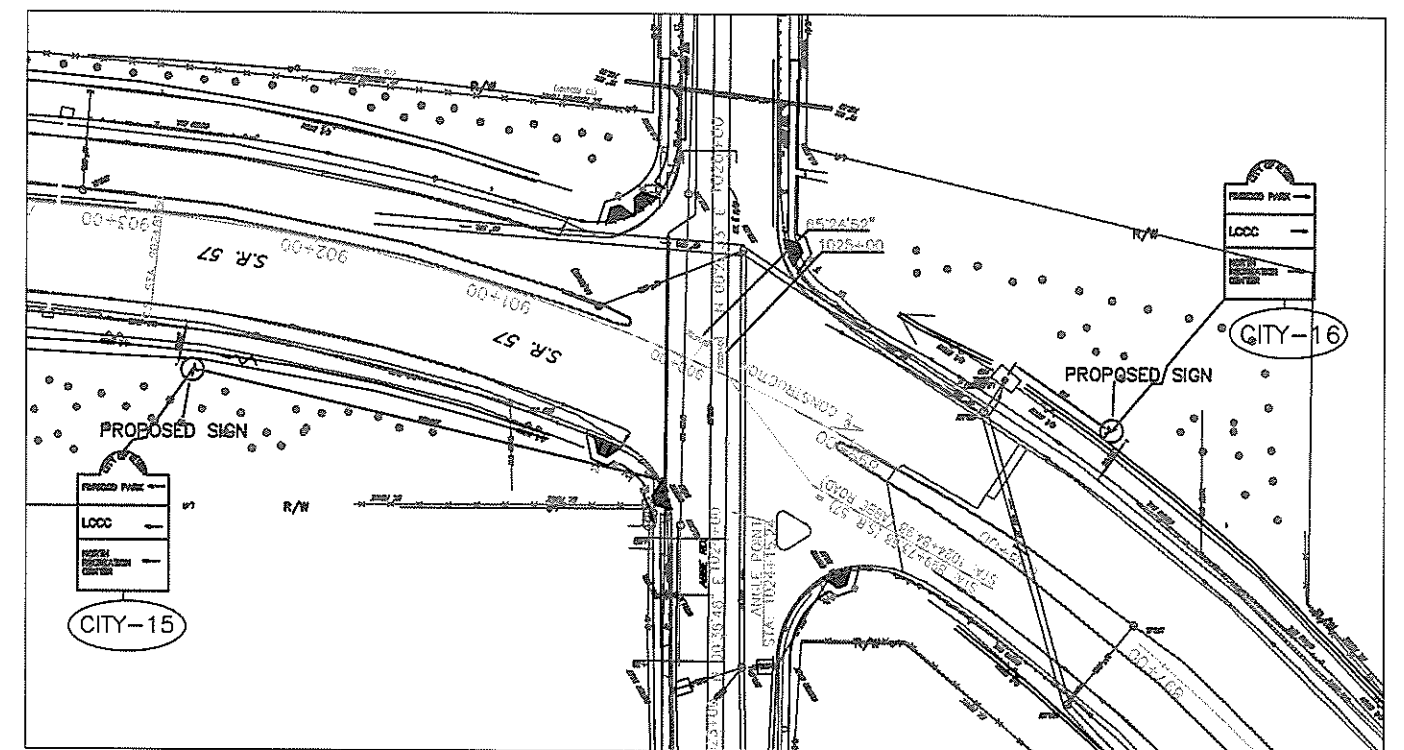
PLAN
FURNACE ST, KERSTETTER WAY, WEST AVE,
LAKE AVE



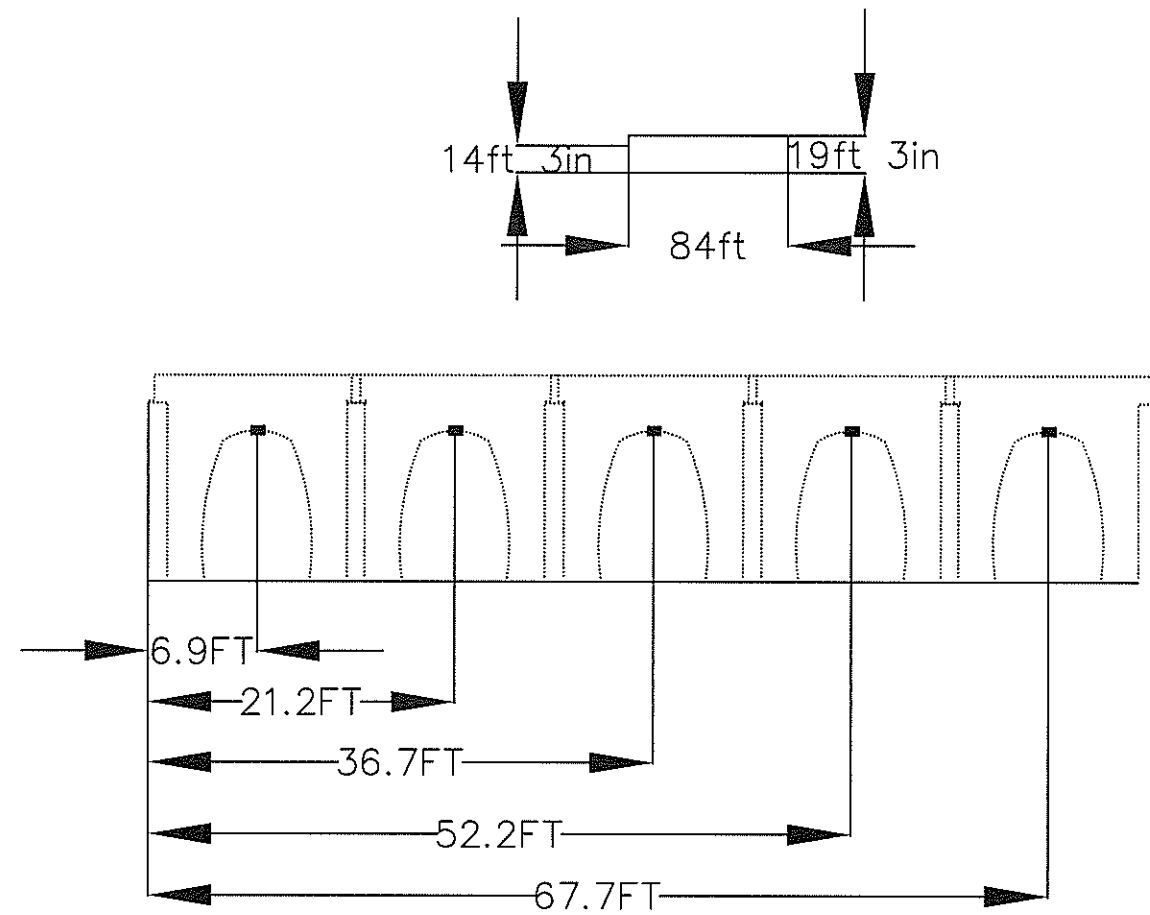
SR 57 AND WEST RIVER RD



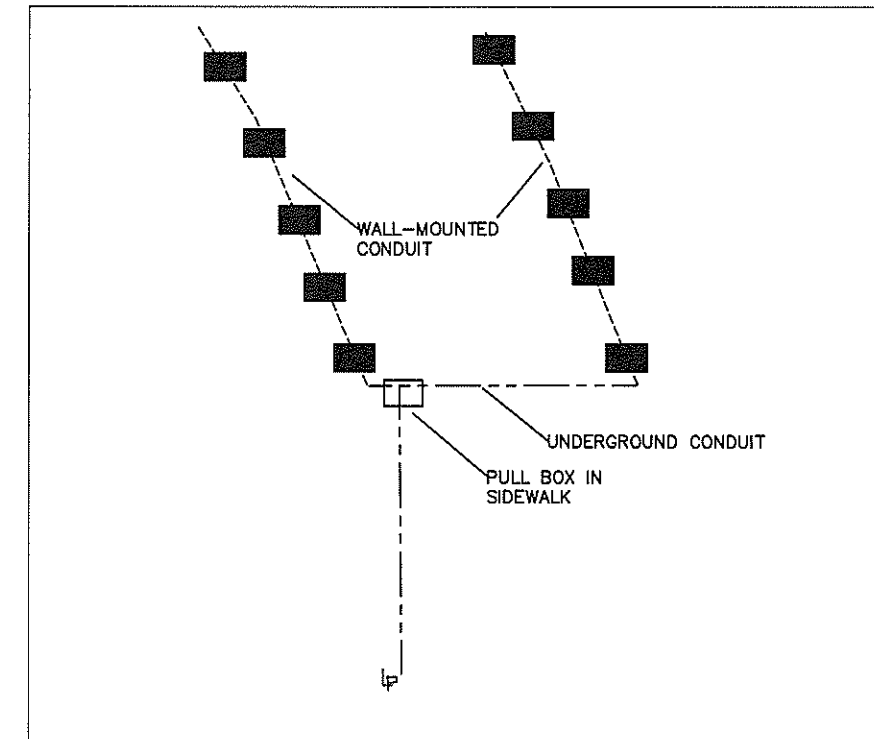
SR 57 AND GULF RD



SR 57 AND ABBE RD N



WEST AND EAST WALLS



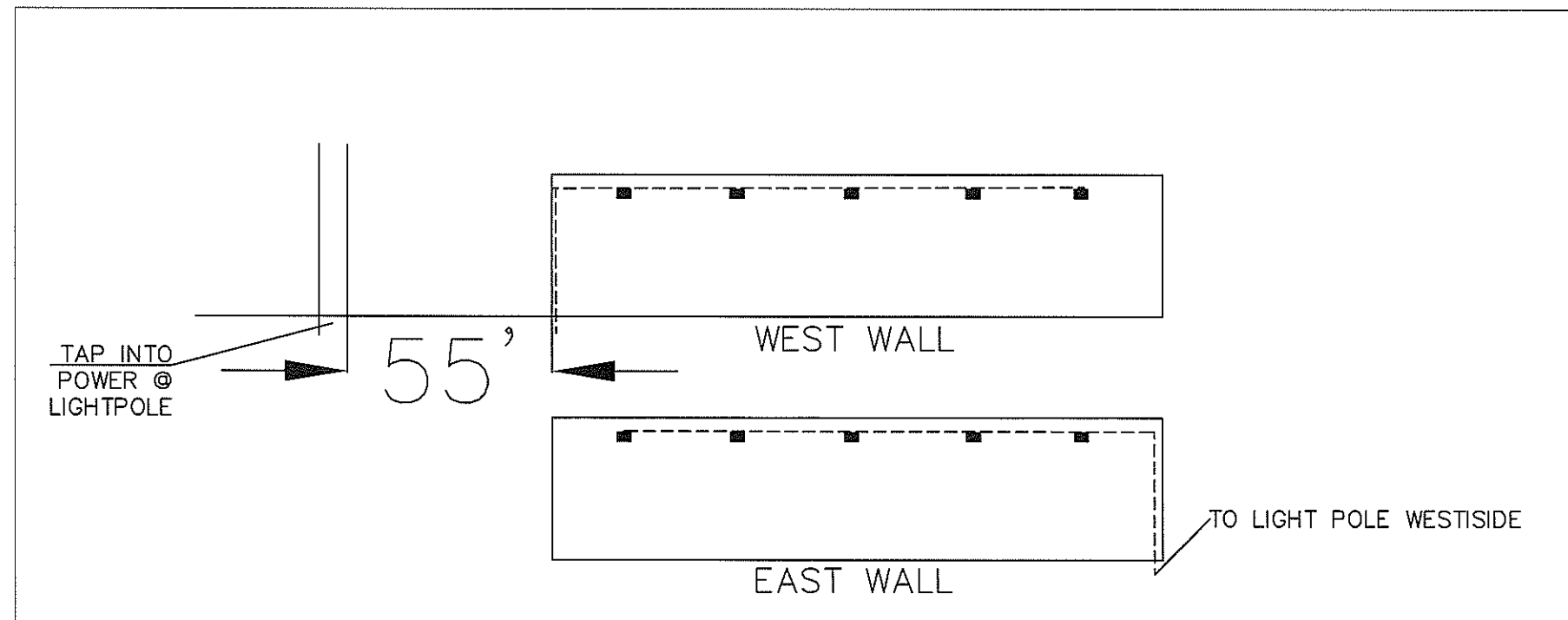
PLAN VIEW

POWER SUPPLY AND LUMINAIRES

1. EXISTING WALLPACK LUMINAIRES ARE TO REMAIN. NEW LUMINAIRES ARE TO BE INSTALLED ON CONCRETE WALLS ABOVE SIDEWALK.
2. NEW LUMINAIRES SHALL PROVIDE MINIMUM 5000 LUMENS EACH. SHALL BE VANDAL RESISTANT.
3. CONDUIT TO BE SECURED ALONG UPPER WALL. EAST WALL CONDUIT TO BE TRENCHED ACROSS SIDEWALK AND ROAD PAVEMENT. TRENCH REPAIR TO BE IN-KIND AND PER CITY STANDARD..
4. CONDUIT AND WIRING TO BE TRENCHED TO THE LIGHT POLE ON KERSTETTER. CONTRACTOR TO TAP POWER AT POLE. COORDINATE WITH CITY ELECTRICIANS.

QUANTITIES SHALL BE PAID USING THE FOLLOWING ITEMS:

ITEM 625, CONDUIT, 1"	285 FT
ITEM 625, NO 10 AWG	275 FT
ITEM 625, NO 6 AWG	60 FT
ITEM 625, PULL BOX	1 EACH
ITEM 625, TRENCH	120 FT
ITEM 625, PLASTIC CAUTION TAPE	120 FT
ITEM 625, LUMINAIRE	10 EA



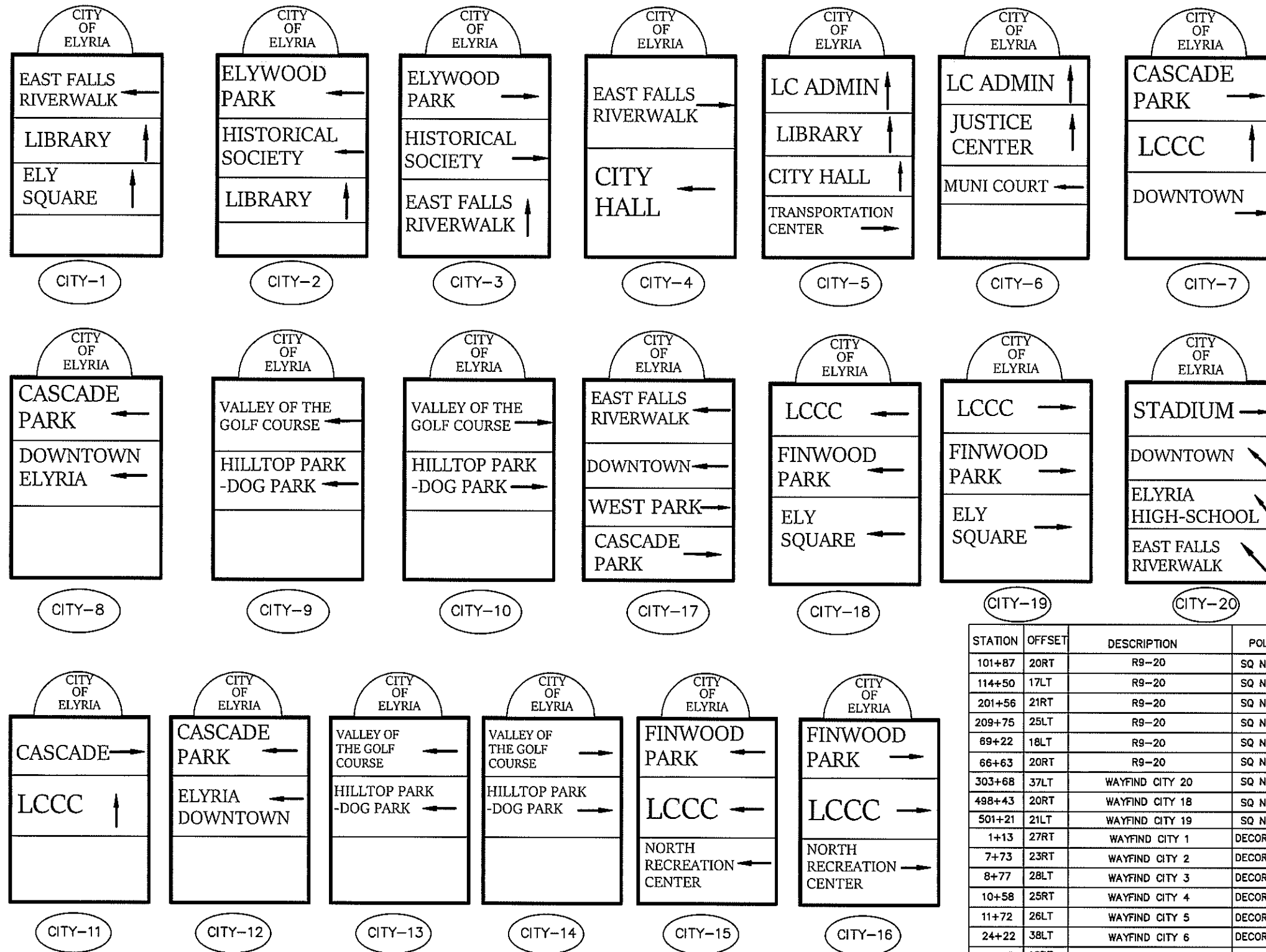
ELEVATION VIEW



CONTRACT NUMBER	25-XX-E
CHECKED	KWM
DATE	07/2025
DRAWN	AC
NOT TO SCALE	

LOR-ELYRIA VAR TLCI
PHASE 6

LIGHTING AND WIRING PLAN



STATION	OFFSET	DESCRIPTION	POLE	PAGE NO.
101+87	20RT	R9-20	SQ NO.3	8/12
114+50	17LT	R9-20	SQ NO.3	8/12
201+56	21RT	R9-20	SQ NO.3	8/12
209+75	25LT	R9-20	SQ NO.3	8/12
69+22	18LT	R9-20	SQ NO.3	8/12
66+63	20RT	R9-20	SQ NO.3	8/12
303+68	37LT	WAYFIND CITY 20	SQ NO.3	7/12
498+43	20RT	WAYFIND CITY 18	SQ NO.3	7/12
501+21	21LT	WAYFIND CITY 19	SQ NO.3	7/12
1+13	27RT	WAYFIND CITY 1	DECORATIVE	5/12
7+73	23RT	WAYFIND CITY 2	DECORATIVE	5/12
8+77	28LT	WAYFIND CITY 3	DECORATIVE	5/12
10+58	25RT	WAYFIND CITY 4	DECORATIVE	5/12
11+72	26LT	WAYFIND CITY 5	DECORATIVE	5/12
24+22	38LT	WAYFIND CITY 6	DECORATIVE	5/12
81+17	18RT	WAYFIND CITY 7	DECORATIVE	5/12
43+00	16RT	WAYFIND CITY 8	SQ NO.3	6/12
46+00	24LT	WAYFIND CITY 9	SQ NO.3	6/12
23+00	18RT	WAYFIND CITY 10	SQ NO.3	6/12
702+72	44RT	WAYFIND CITY 17	SQ NO.3	7/12
6+51	44RT	WAYFIND CITY 11	S4X77	6/12
26+76	44RT	WAYFIND CITY 12	S4X77	6/12
53+65	44RT	WAYFIND CITY 13	S4X77	6/12
22+61	44RT	WAYFIND CITY 14	S4X77	6/12
50+78	44RT	WAYFIND CITY 15	S4X77	6/12
9+78	44RT	WAYFIND CITY 16	S4X77	6/12

CONTRACT NUMBER	25-XX-E	DATE	06/2025
DRAWN	KKM	CHECKED	KKM

LOR-ELYRIA TLCI
PHASE 6

SIGN SCHEDULE

1. THIS ITEM SHALL INCLUDE REPLACING BRICK PAVERS AND SIDEWALK REMOVED ON KERSTETTER WAY.

THIS PROVISION SHALL INCLUDE MEASUREMENT OF THE ACTUAL SQUARE FEET OF THE WALK CONSTRUCTED AND APPROVED AND SQUARE FEET OF WALK REMOVED (INCLUDES PAVERS). FINAL QUANTITIES WILL BE DETERMINED FROM THE ENGINEER'S FINAL MEASUREMENT.

ALL COSTS TO PERFORM CONCRETE WALK WORK INCLUDING ALL MATERIALS, EQUIPMENT, TOOLS, SAW CUTTING, LABOR, EXCAVATION, COMPACTED 304 BACKFILL AS NEEDED AND ALL INCIDENTAL AND ASSOCIATED COSTS SHALL BE PAID FOR UNDER 608 CONCRETE WALK, 6".

ALL COSTS TO PERFORM CONCRETE WALK REMOVED INCLUDING ALL MATERIALS, EQUIPMENT, TOOLS, SAW CUTTING, LABOR, EXCAVATION, DISPOSAL AND ALL INCIDENTAL AND ASSOCIATED COSTS SHALL BE PAID FOR UNDER 608 WALK REMOVED.

1. 5-LOOP 10 GAUGE STEEL BICYCLE RACK SHALL BE SUPPLIED AND GROUND MOUNTED. LOOP BAR SHALL BE A MINIMUM OF 2 3/8 INCH IN DIAMETER, POWDERED COATED, BLACK IN COLOR,

ALL COSTS TO PERFORM THE ABOVE STATED WORK INCLUDING ALL MATERIALS, EQUIPMENT, TOOLS, LABOR, AND ALL INCIDENTAL AND ASSOCIATED COSTS SHALL BE PAID FOR UNDER 690, SPECIAL - BICYCLE RACK.

FINAL SIGN LOCATIONS ARE TO BE CONFIRMED WITH CITY STAFF.
PROOFS TO BE APPROVED BEFORE PRODUCTION.
SHOP DRAWINGS FOR DECORATIVE POSTS AND BRACKETS MUST BE APPROVED PRIOR TO PRODUCTION.

1. SIGNS SHALL BE R9-20

2. BASIS OF PAYMENT
ALL COSTS TO PERFORM THE ABOVE STATED WORK INCLUDING ALL MATERIALS, EQUIPMENT, TOOLS, LABOR, AND ALL INCIDENTAL AND ASSOCIATED COSTS SHALL BE PAID FOR UNDER 630, SIGN, FLAT SHEET, AS PER PLAN. PER SF.

1. SIGN DIMENSIONS TO BE 30"x48", 4-INCH LETTERS. OR 48"x72", 6-INCH LETTERS. TEXT SHALL BE SIMILAR TO EXAMPLES. PROOF SHALL BE APPROVED BY THE ENGINEER PRIOR TO PRODUCTION. EACH SIGN WILL DISPLAY VARYING DESTINATIONS. SIGN BACKGROUND TO BE BLUE WITH WHITE LETTERING.

2. DOWNTOWN SIGNS WITH DECORATIVE POSTS ARE TO BE BLACK ON THE BACK SIDE

5. SIGN MATERIAL SHALL MEET 700.11

ALL COSTS TO PERFORM THE ABOVE STATED WORK INCLUDING ALL MATERIALS, EQUIPMENT, TOOLS, LABOR, AND ALL INCIDENTAL AND ASSOCIATED COSTS SHALL BE PAID FOR UNDER 630, SIGN, WAYFINDING, AS PER PLAN. PER SF.

ITEM 050 - SIGN POST, DECORATIVE, AS PER PLAN

1. SIGNS LOCATED WITHIN THE DOWNTOWN AREA SHALL BE POSTED ON DECORATIVE SIGN POLES.

2. SIGN POSTS SHALL BE BLACK ALUMINUM

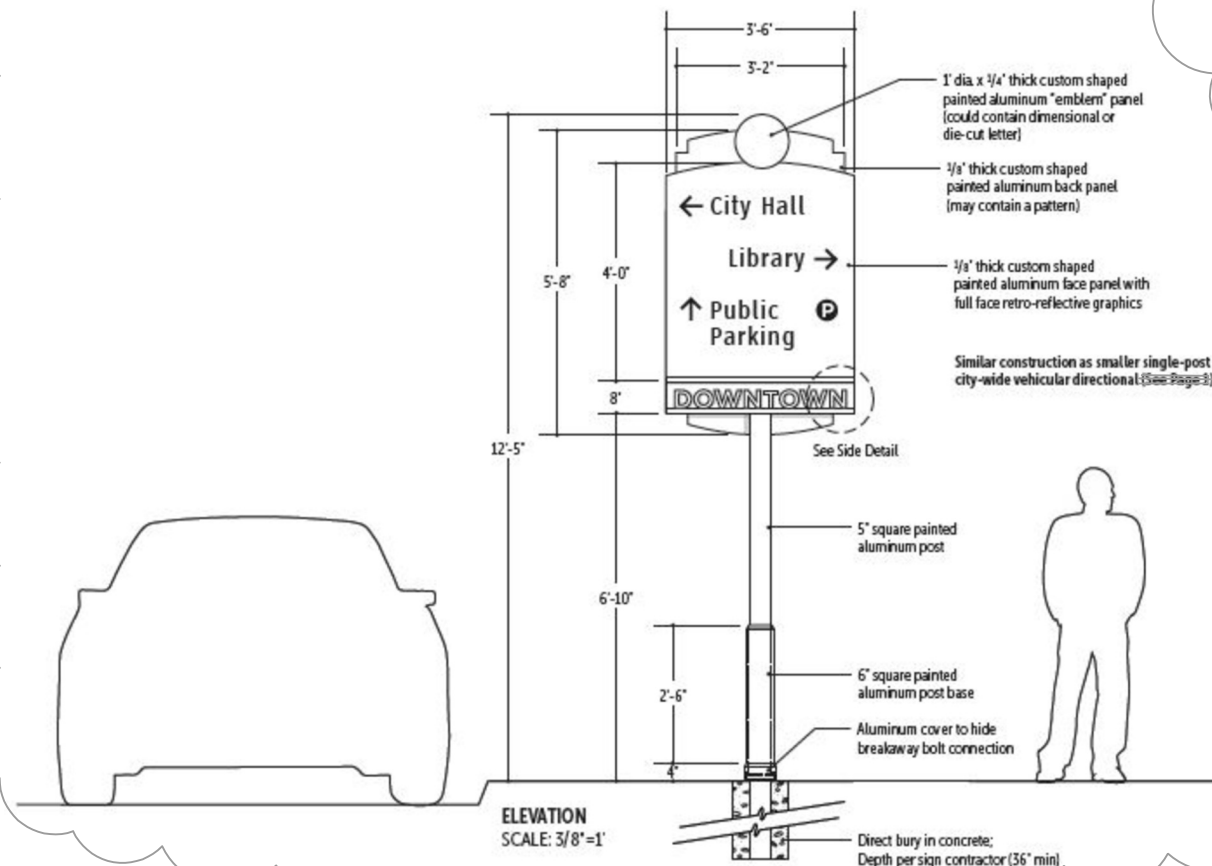
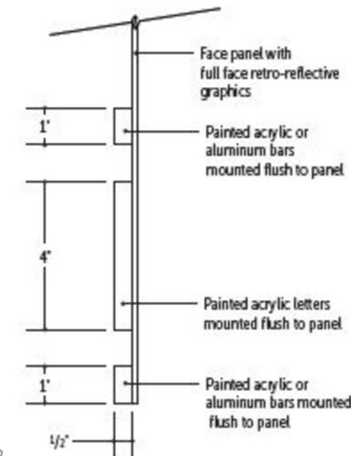
ALL MATERIALS, EQUIPMENT, TOOLS, LABOR, AND ALL INCIDENTAL AND ASSOCIATED COSTS SHALL BE PAID FOR UNDER 630, SIGN POST, DECORATIVE, AS PER PLAN. PER EACH

1. ALL SQUARE STOCK SIGN POSTS SHALL BE BLACK IN COLOR

2. BASIS OF PAYMENT. ALL COSTS TO PERFORM THE ABOVE STATED WORK INCLUDING ALL MATERIALS, EQUIPMENT, TOOLS, LABOR, AND ALL INCIDENTAL AND ASSOCIATED COSTS SHALL BE PAID FOR UNDER 630, GROUND MOUNTED SUPPORT NO 3, AS PER PLAN, PER FT

1. ALL BEAM SIGN POSTS SHALL BE BLACK IN COLOR

2. BASIS OF PAYMENT: ALL COSTS TO PERFORM THE ABOVE STATED WORK INCLUDING ALL MATERIALS, EQUIPMENT, TOOLS, LABOR, AND ALL INCIDENTAL AND ASSOCIATED COSTS SHALL BE PAID FOR UNDER 630, GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7 AS PER PLAN, PER FT



1. Sign faces & all exposed metal components are to be aluminum.
2. Sign contractor shall be responsible for design and engineering of supports, anchors and miscellaneous steel or metal required for installation.
3. The sign contractor must submit stamped engineering drawings for all gateway signs, plus any additional signs deemed necessary by City requirements. The sign contractor's structural engineer shall be licensed in the State of Ohio and certify all connections and support details.
4. Mechanical fasteners to be stainless steel on all sign components.
5. Isolate dissimilar materials as required.
6. Field dimensions shall be taken by the sign contractor prior to preparation of shop drawings and fabrication where possible. It is the responsibility of the sign contractor to site verify all sign locations for accuracy, fit, and potential obstacles. Sign contractor shall notify appropriate person(s) of any issues, discrepancies and potential obstacles per the attached Performance Specifications, contract or specified communication process.
7. It is the responsibility of the sign contractor to contact OUPS and verify locations of underground utilities.
8. Sign contractor must obtain all permits and field inspection approvals necessary to complete work per city requirements. All sign locations need to be located and staked by sign contractor and approved by city prior to installation.
9. Masonry dimensions are approximate; sign contractor to verify and adjust as needed. Final dimensions must appear on shop drawings for review and approval.
10. Sign contractor must clean and seal masonry to prevent moisture, discoloration and other defects due to weather and environmental conditions.
11. Sign contractor must submit brick, stone, and mortar samples for review and approval.
12. Sign contractor shall follow any additional requirements presented in the attached Performance Specifications and Design Intent Documents.

**This drawing is provided as a base guideline for bidding purposes. Final shapes, graphics, colors, installation conditions, etc. to be determined.*

QUANTITY (7) in concrete

STATION	QUANTITY	DESCRIPTION	PG NO
101+87	2	SHARROWS	7/12
105+58	2	SHARROWS	7/12
109+51	2	SHARROWS	7/12
113+70	2	SHARROWS	7/12
118+06	2	SHARROWS	7/12
202+04	2	SHARROWS	7/12
205+01	2	SHARROWS	7/12
209+72	2	SHARROWS	7/12
69+37	2	SHARROWS	7/12
67+09	2	SHARROWS	7/12

PAVEMENT MARKING SCHEDULE