CITY OF MASSILLON ENGINEERING DEPARTMENT

STARK COUNTY, OHIO LINCOLN WAY EAST RESURFACING REHAB. PHASE III

PROJECT DESCRIPTION

RESURFACING AND REPLACEMENT OF PORTITION OF EXISTING CURB IN DESIGNATED SECTIONS.

ON LINCOLN WAY EAST FROM

SLM = 7.633 TO SLM = 8.788

DESIGN DESIGNATION

CURRENT ADT (1997)	23,850
DESIGN YEAR ADT (2017)	27,000
DESIGN HOURLY VOLUME (2017)	27,000
DIRECTIONAL DISTRIBUTION	70%
TRUCKS (24 HOUR B&C)	10%
DESIGN SPEED	35 MPH
LEGAL SPEED	35 MPH
No.	

DESIGN EXCEPTION

DESIGN FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

NONE

CONVENTIONAL SIGNS

RIGHT OF WAY • • • EXISTING: — PROPOSED: —	
COUNTY LINE • • • • — — — — — — — — — — — — — — —	
TOWNSHIP LINE • • • •	
CORPORATION LINE • •	
FENCE LINE • • • • EXISTING:	_
GUARDRAIL • • • • EXISTING: - , PROPOSED: -	-
MANHOLES • • • • • • EXISTING: ○ , PROPOSED: ● , ADJUSTED:	•
CATCH BASINS • • • • EXISTING: [], PROPOSED:, ADJUSTED: [
SIGNS • • • • • • • 1-POST:	
EXISTING POLES • • • • POWER: ϕ , TELEPHONE ϕ , LIGHT ϕ , SPAN	ϕ
PROPOSED POLES • • • POWER: $ otin 7$, TELEPHONE $ otin 7$, LIGHT $ otin 6$, SPAN	,
EXIST. UTILITIES • • • VALVE: ō , HYDRANT: 点 , METERS: M / 圆 , GUY:	: ←

UNDERGROUND UTILITIES

TWO WORKING DAYS

BEFORE YOU DIG

CALL 1-800-362-2764 (TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE

NON-MEMBERS

MUST BE CALLED DIRECTLY

PLAN PREPARED BY:

CITY OF MASSILLON Engineering Division

OPWC No. CS08A

LOCATION MAP SCALE IN FEET

THE CITY OF MASSILLON, OHIO

Mayor FRANCIS H. CICCHINELLI, Jr.

<u>INDEX OF SHEETS:</u>

<u>APPROVALS</u>

DIRECTOR OF PUBLIC SAFETY AND SERVICE ALAN W. CLIMER DATE

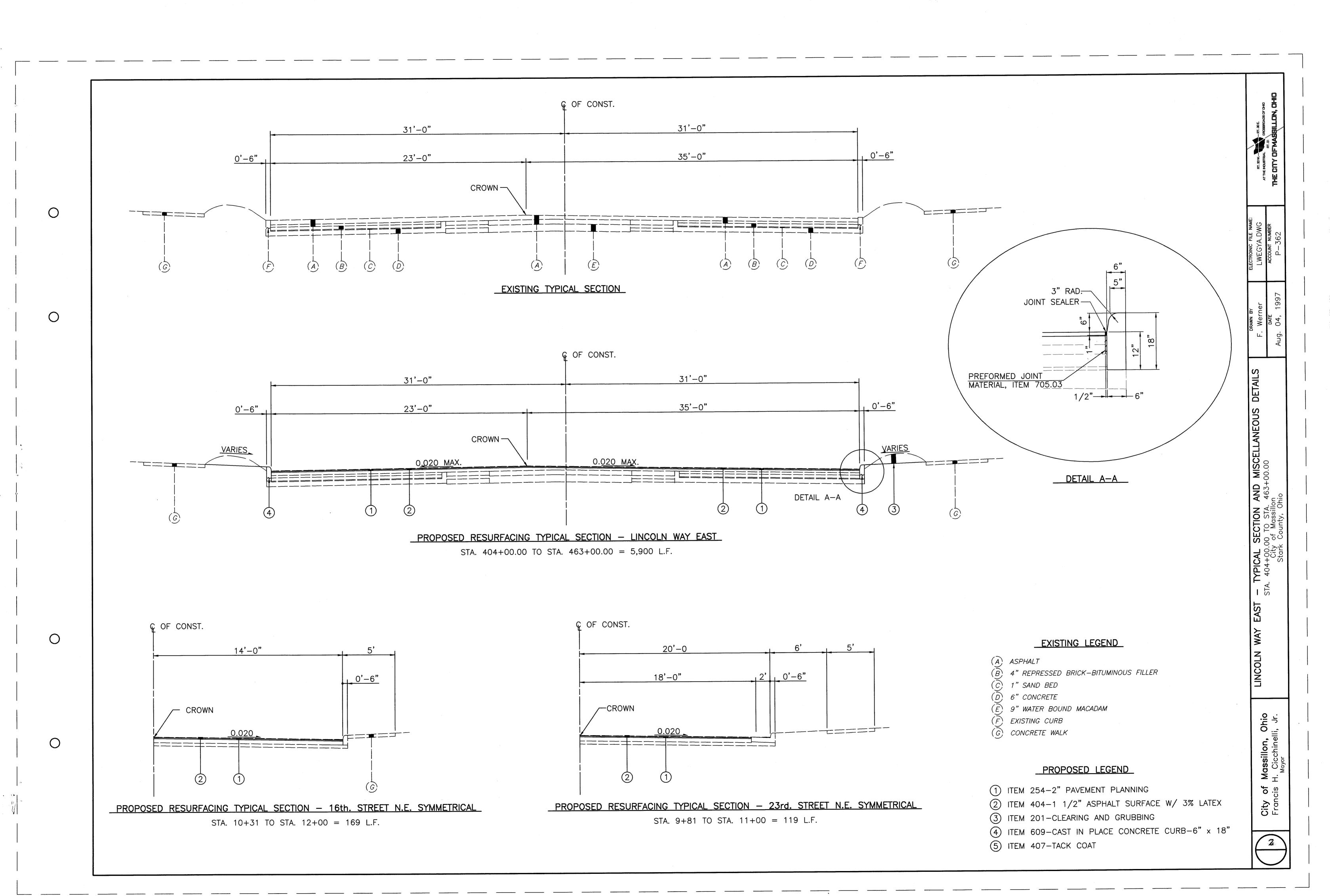
CITY ENGINEER JAMES J. BENEKOS, P.E., P.S. DATE

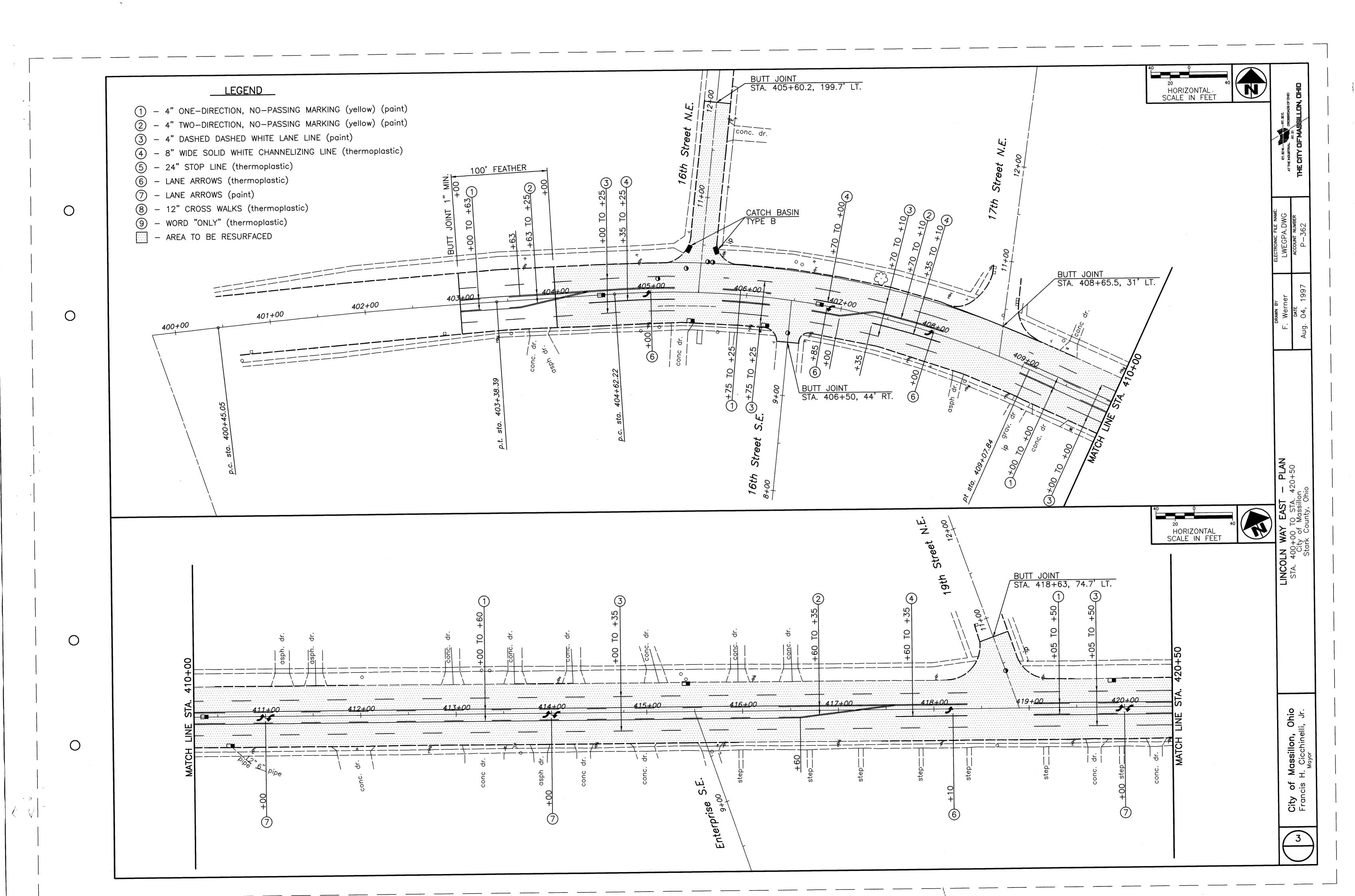
<u>OFFICIALS</u>

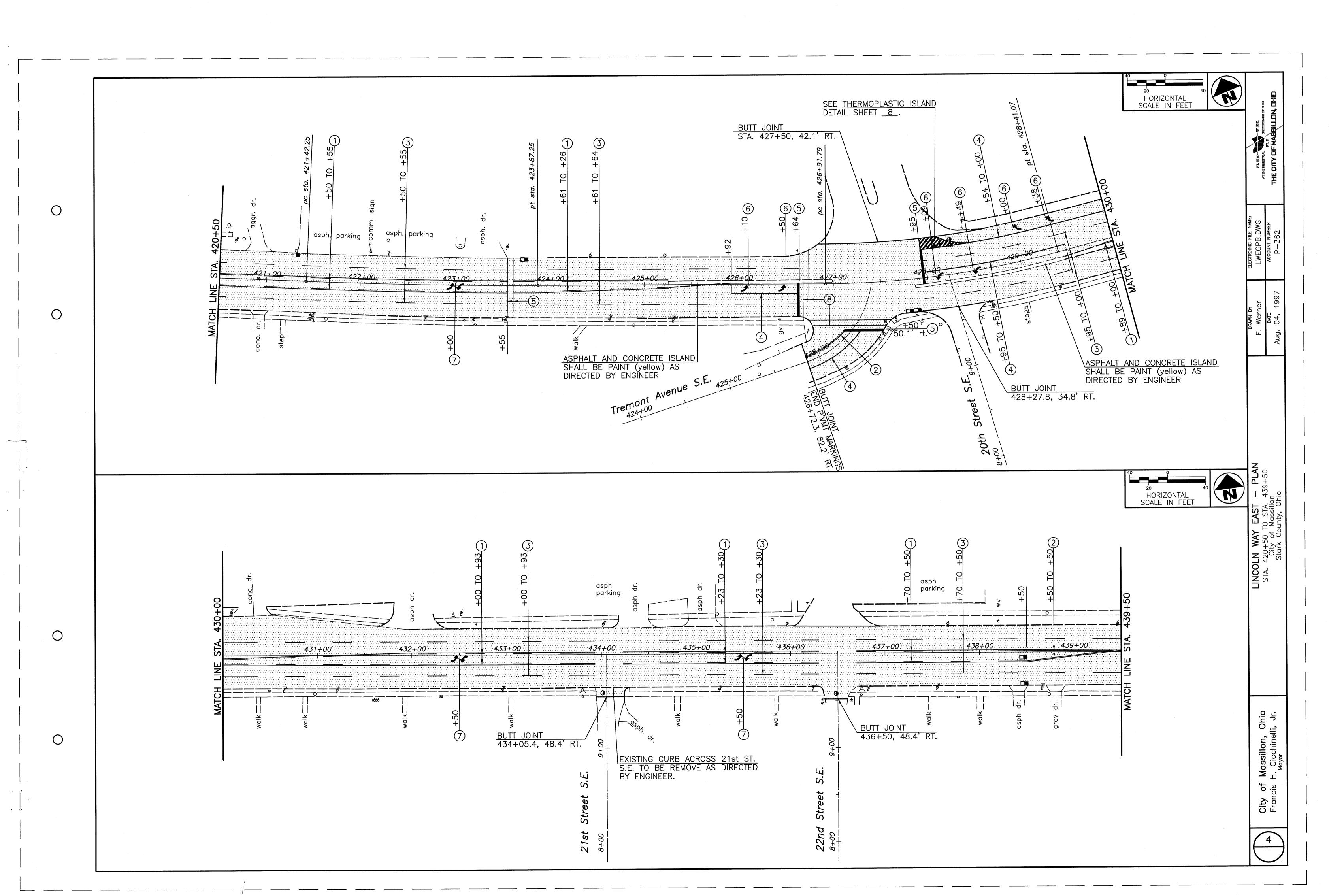
COUNCIL

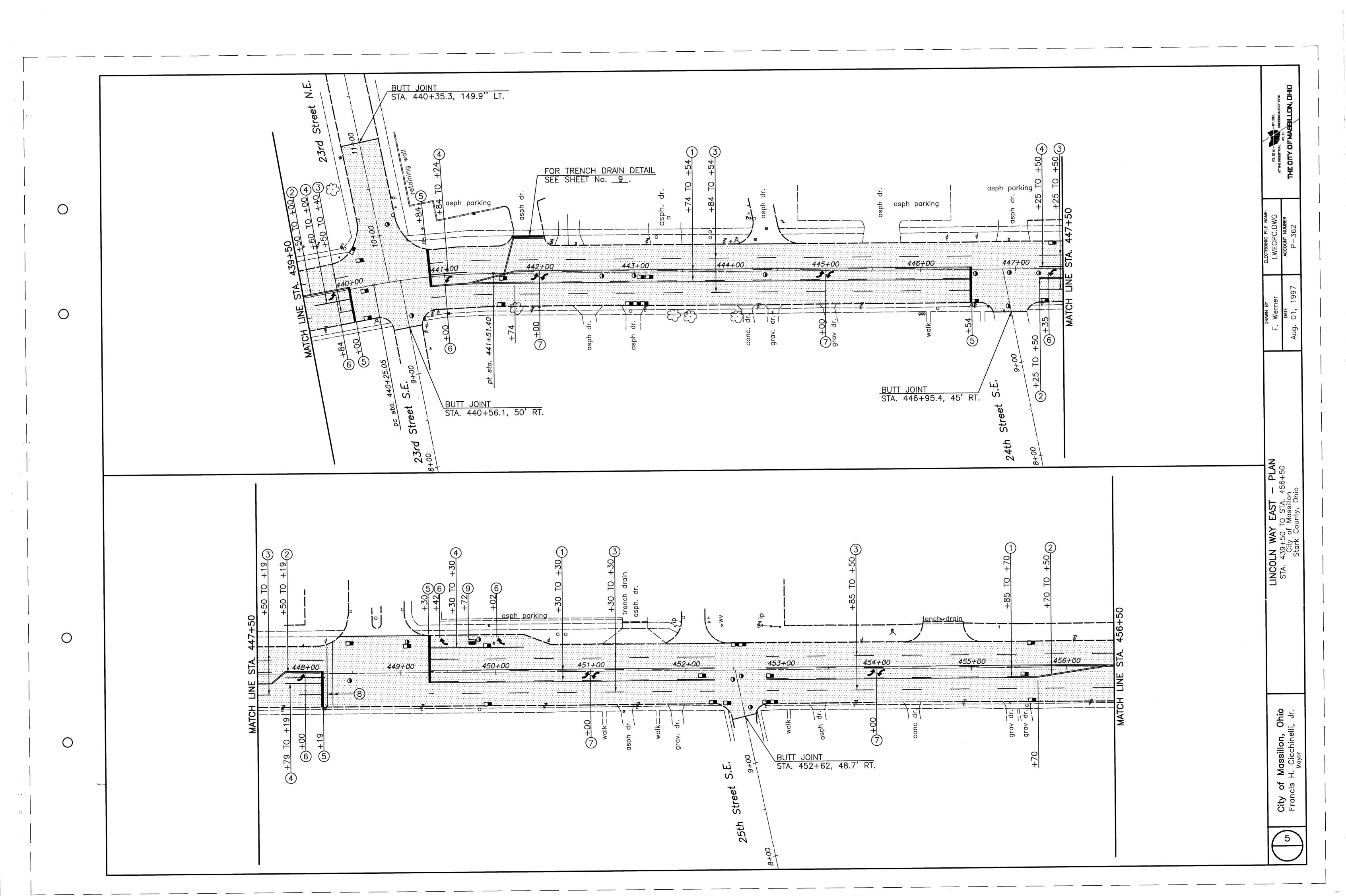
COUNCIL AT LARGE

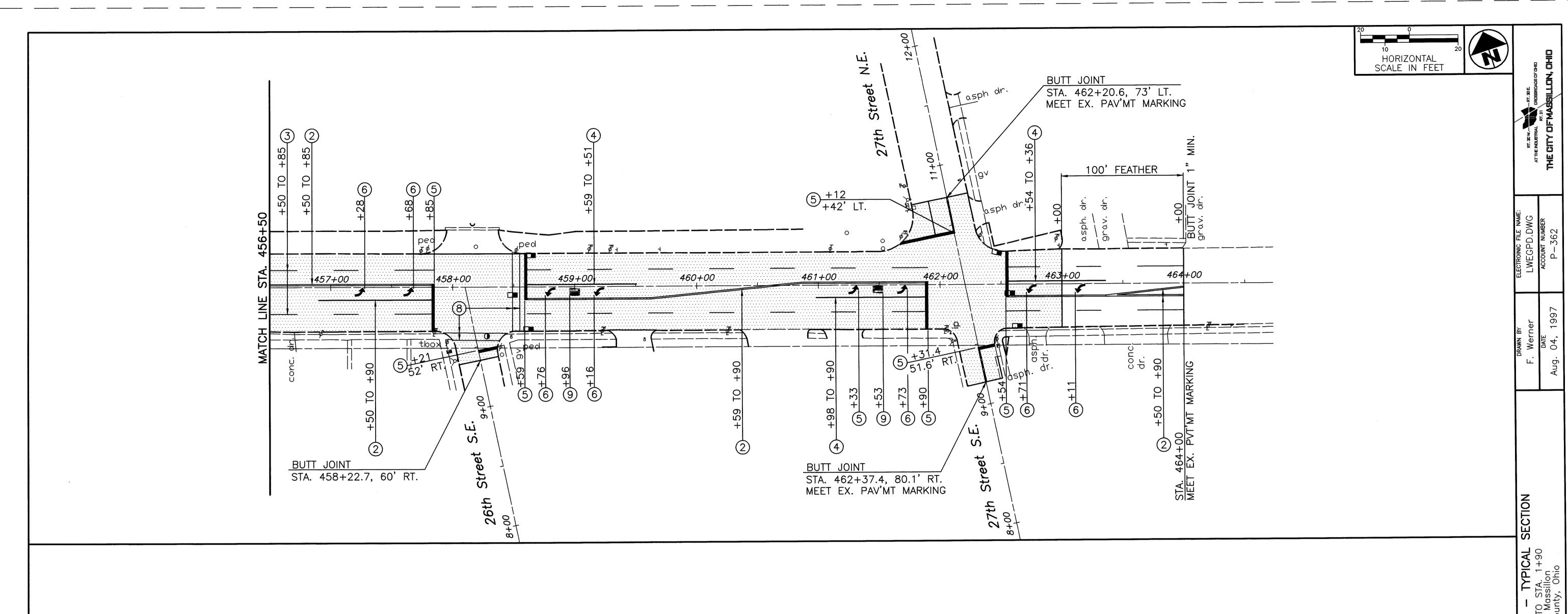
BILL H. HAMIT TIM BRYAN NANCY J. HALTER WAY

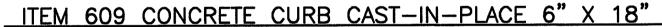












<u>IIEM</u>	609 (CONCRETE C	CORB CAS	I-IN-PL	ACE 0	<u> </u>			
NOR	TH					<u>SOUTH</u>			
404+00 TO 405+	20 =	120		40	4+00 T	0 406+15	=	215	
405+85 TO 408+	10 =	225		40	6+70 T	0 426+60	==	1990	
409+00 TO 418+	50 =	950		42	8+60 T	0 434+29	=	569	
419+00 TO 426+8	35 =	785		43	6+58 T	0 452+50	-	1592	
428+70 TO 434+	75 =	605		45	2+75 T	0 457+95	=	520	
442+07 TO 444+	10 =	203		46	3+00 T	0 463+40	=	40	
444+70 TO 448+	35 =	365		SO	OTH TO	TAL	=	4926 L	F.
452+36 TO 457+	33 =	547							
458+55 TO 461+	67 =	312							
462+50 TO 463+	00 =	50							
NORTH TOTAL	4444	4162 L.F.							
				44.00					
	NORTH TOTAL = 4162 L.F.								

= 4926 L.F.

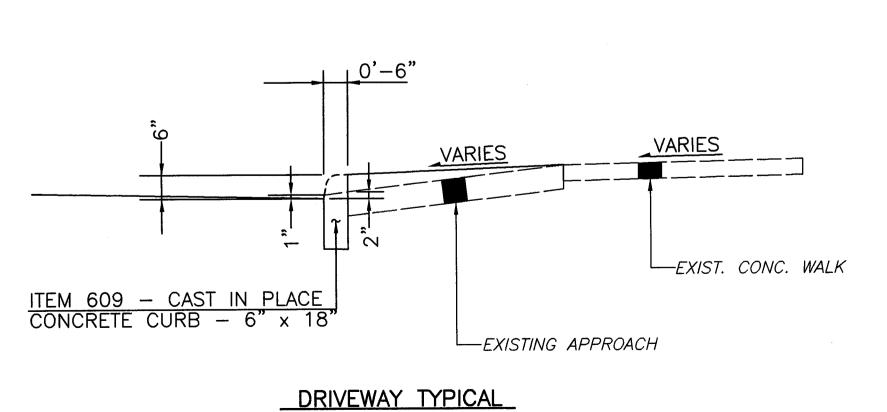
= 9088 L.F.

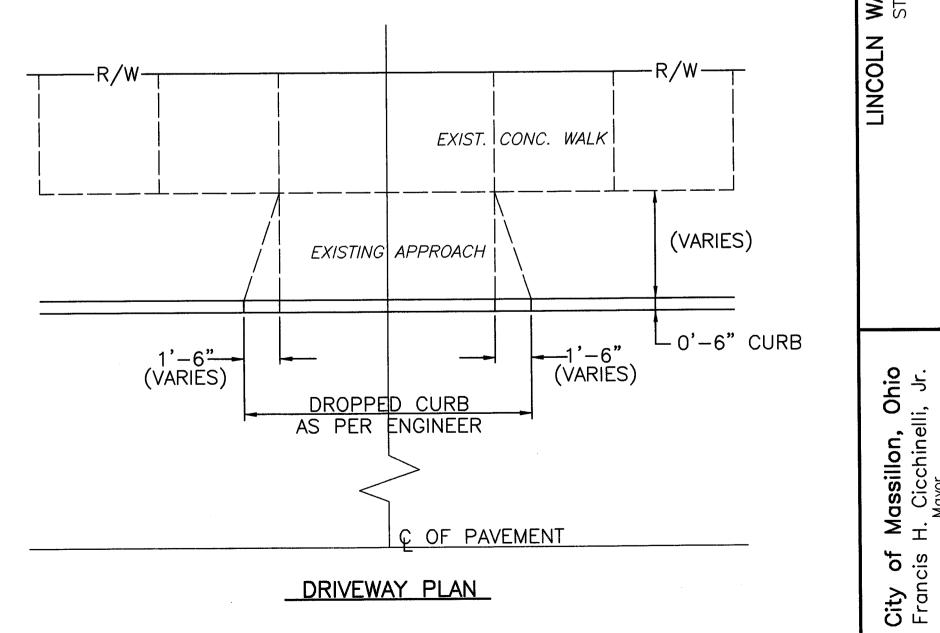
SOUTH TOTAL

GRAND TOTAL

0

0





GENERAL NOTES

ITEM 201, LAWN STRIP CLEARING & GRUBBING

SLOPE OF LAWN STRIP SHOULD BE 1/2" PER FOOT FROM THE FRONT OF SIDEWALK TO THE BACK OF CURB.

ITEM 404, ASPHALT CONCRETE 3% LATEX (SEE SPEC.)

CURB SEALING IS TO BE INCLUDED IN THE PRICE OF ITEM 404 THE FULL LENGTH OF PROJECT.

ITEM 604, CATCH BASIN GRATE

EXISTING CATCH BASINS SHALL BE MODIFIED BY REPLACING THE EXISTING GRATES WITH BICYCLE SAFE GRATES.

ITEM 604, CATCH BASIN AND MANHOLE CASTINGS (SEE SPEC.)

EXISTING CASTINGS MAY PROVE TO BE UNSUITABLE FOR THE REUSE, AS DETERMINED BY THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CASTINGS OF THE REQUIRED TYPE, SIZE, AND STRENGTH (HEAVY OR LIGHT DUTY) FOR THE PARTICULAR STRUCTURE IN QUESTION. ALL MATERIALS SHALL MEET ITEM 604 OF THE SPECIFICATIONS AND SHALL HAVE THE PRIOR APPROVAL OF THE ENGINEER

THE CONTRACTOR IS CAUTIONED TO USE EXTREME CARE IN THE REMOVAL, STORAGE AND REPLACEMENT OF ALL EXISTING CASTINGS. CASTINGS DAMAGED BY THE NEGLIGENCE OF THE CONTRACTOR, AS DETERMINED BY THE ENGINEER, SHALL BE REPLACED WITH THE PROPER NEW CASTINGS AT THE EXPENSE OF THE CONTRACTOR.

ITEM 603, RCP 12" STORM SEWER

NUMBER 57 LIMESTONE BEDDING SHALL BE INCLUDED IN THE COST OF THE PIPE.

ITEM 608, TYPE 1 & TYPE 2 CURB RAMPS

CURB RAMPS TO BE PLACED PER ENGINEERS DIRECTION. BACKFILLING AND PLACEMENT OF CURB RAMPS ALONG WITH ALL APPURTENANCES IS TO BE INCLUDED IN THE PRICE OF ITEM 608.

ITEM 609, CAST IN PLACE 6"X18" CONCRETE CURB

CURBING WILL BE REPLACED PER ENGINEERS DIRECTION. BACKFILLING AND CONCRETE CURB PLACEMENT ALONG WITH ALL APPURTENANCES IS TO BE INCLUDED IN ITEM 609.

ITEM 614, MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT OR THE COMPLETED PAVEMENT.

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.

THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL PLANS AND COORDINATION OF ALL STATE, MUNICIPAL. COUNTY, AND TOWNSHIP ROADS DURING CONSTRUCTION. THE TRAFFIC MAINTENANCE PLAN SHALL BE APPROVED BY THE CITY BEFORE IMPLEMENTATION.

ITEM 623, CONSTRUCTION STAKING

CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT.

ITEM 632, LOOP DETECTOR INSTALLATION

FOR PLACEMENT OF LOOP DETECTORS CONTACT JOHN HAUSER AT THE PUBLIC & SAFETY DEPARTMENT, 401 WALNUT ROAD S.W., (330) 833-5746.

ITEM 659, SEEDING AND MULCHING

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT.

ITEM 705, HOT APPLIED JOINT & CRACK SEALER

HOT APPLIED JOINT AND CRACK SEALER IS TO BE PLACED AT THE BOP/EOP AND AT ALL INTERSECTIONS.

BENCH MARKS

ALL BENCHMARKS ARE BASED ON REFERENCE BENCHMARKS PROVIDED BY THE CITY OF MASSILLON.

STATIONING

ALI STATIONING SHOWN IS REFERENCED TO THE BASELINE AS SHOWN.

EXISTING DATA

EACH CONTRACTOR SHALL VISIT THE SITE PERSONALLY TO ASCERTAIN THE NATURE OF THE WORK AND BECOME THOROUGHLY FAMILIARIZED WITH THE SITE PRIOR TO BID SUBMISSION.

EXISTING STRUCTURES, GRADES, PIPING, ETC. ARE INDICATED IN APPROXIMATE LOCATION ON THE

PLAN. INFORMATION SHOWN IS NOT GUARANTEED TO BE CORRECT AND COMPLETE. THE DATA SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR. THE EXISTENCE OF FACILITIES ABOVE OR BELOW GROUND, WHICH MAY NOT BE SHOWN, WILL NOT BE A BASIS FOR A CLAIM FOR EXTRA WORK.

EXISTING UNDERGROUND UTILITIES SHOWN ARE RECORDS PROVIDED BY UTILITY COMPANIES AND ARE

APPROXIMATE ONLY. SERVICE LATERALS ARE NOT SHOWN.

IT IS THE RESPONSIBILITY OF CONTRACTOR TO NOTIFY THE CITY, PRIOR TO BID OPENING, OF ANY NON-CONFORMING OR CONFLICTING INFORMATION.

EXISTING ROOF DRAINS, FOOTER DRAINS, OR YARD DRAINS, DISTURBED BY THE WORK, SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS BY CONNECTING A CONDUIT THROUGH THE CURB OR INTO A DRAINAGE STRUCTURE. THE LOCATION, TYPE, SIZE AND GRADE OF THE NEW CONDUIT REQUIRED TO REPLACE OR EXTEND THE EXISTING DRAIN WILL BE DETERMINED BY THE ENGINEER. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

CONSTRUCTION SPECIFICATIONS & STANDARDS

ALL CONSTRUCTION TO BE CITY OF MASSILLON SPECIFICATIONS AND STANDARDS, THE LATEST EDITION OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIAL SPECIFICATIONS AND FOLLOW ALL OSHA AND ADA REGULATIONS AND REQUIREMENTS.

SAFETY PROCEDURES

CONTRACTORS SHALL COMPLY WITH ALL FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REQUIREMENTS DURING ALL PHASES OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO AN OSHA COMPETENT TRAINED PERSON ON THE JOB AT ALL TIMES.

CONTRACTOR AVAILABILITY

THE CONTRACTOR SHALL SUPPLY THE ENGINEER WITH A 24 HOUR PHONE NUMBER WHERE THE CONTRACTOR. SHALL BE AVAILABLE FOR EMERGENCIES.

PRESERVATION OF PRIVATE PROPERTY

THE CONTRACTOR SHALL PERFORM WORK AS TO NOT DISTURB, DAMAGE OR DESTROY ANY MAILBOX, PAPER BOX, TELEPHONE OR POWER POLES, SIGNS, LANDSCAPING ITEMS, ETC. ANY ITEM DAMAGED OR DESTROYED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ANY ITEM DISTURBED OR IN CONFLICT WITH THE WORK TO BE PERFORMED SHALL BE REMOVED AND RESET AT THE CONTRACTOR'S EXPENSE. PRIOR ENGINEER APPROVAL IS REQUIRED BEFORE ANY OF THE ABOVE ITEMS ARE PERFORMED.

PRESERVATION OF PROPERTY CORNERS AND SURVEY MARKERS

THE CONTRACTOR SHALL PRESERVE ALL CORNERSTONES, IRON PINS, CONCRETE MONUMENTS, OR ANY TYPE OF LAND MONUMENT. HE SHALL HAVE ALL LAND MONUMENTS IN THE PROXIMITY OF THE WORK REFERENCED. HE SHALL REPLACE DESTROYED OR DAMAGED MONUMENTS AND SHALL FURNISH A CERTIFICATION BY AN OHIO REGISTERED SURVEYOR THAT THE MONUMENTS HAVE BEEN RESTORED.

EXCAVATED MATERIAL

ALL EXCAVATED MATERIAL AND ALL MATERIAL USED IN CONSTRUCTION OF THE WORK SHALL BE PILED IN A MANNER THAT WILL NOT ENDANGER THE WORK AND THAT WILL LEAVE DRIVEWAYS OR OTHER CONTROLS UNOBSTRUCTED AND ACCESSIBLE WHILE THE WORK IS BE COMPLETED. SATISFACTORY PROVISIONS SHALL BE MADE FOR STREET DRAINAGE, AND NATURAL WATERCOURSES SHALL NOT OBSTRUCTED. DURING THE PROGRESS OF THE WORK, ALL MATERIAL PILES SHALL BE KEPT TRIMMED UP AND MAINTAINED IN A NEAT MANNER. ALL EXCAVATED WASTE MATERIAL SHALL BE REMOVED FROM THE PROJECT SITE, AS DIRECTED BY THE ENGINEER. THE WASTE SITE IS TO BE PROVIDED BY THE CONTRACTOR AT NO COST TO THE CITY, UNLESS OTHERWISE NOTED IN THE SPEC.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY ENGINEER, REPRESENTATIVES OF THE CITY AND THE CONTRACTOR SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE FIELD INSPECTION SHALL BE KEPT IN WRITING BY THE CITY.

PRESERVATION OF EXISTING UTILITY SERVICES

ANY EXISTING WATER LINE, SANITARY SEWER, STORM SEWER, GAS LINE OR OTHER UTILITY IN OR OUTSIDE OF THE CONSTRUCTION LIMITS, DAMAGED DURING CONSTRUCTION OF THE PROPOSED PROJECT, WILL BE REPLACED AT THAT CONTRACTORS EXPENSE.

UTILITIES NOTIFICATION

AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN AN AREA WHICH MAY INVOLVE UNDERGROUND UTILITY FACILITIES, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITY PROTECTION SERVICE (1-800-362-2764) AND THE OWNERS OF EACH UNDERGROUND UTILITY FACILITY SHOWN IN THE PLANS. THE OWNER OF THE UNDERGROUND UTILITY FACILITY SHALL, WITHIN 48 HOURS, EXCLUDING SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS, AFTER NOTICE IS RECEIVED, STAKE, MARK OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND UTILITY FACILITIES IN THE CONSTRUCTION AREA IN SUCH A MANNER AS TO INDICATE THEIR COURSE TOGETHER WITH THE APPROXIMATE DEPTH AT WITCH THEY WERE INSTALLED. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO DAYS AHEAD OF THE PLANNED CONSTRUCTION.

UTILITIES AND PUBLIC SERVICE CORPORATIONS

THE CONTRACTOR SHALL NOTIFY AT LEAST 48 HOURS BEFORE BREAKING GROUND ALL PUBLIC SERVICE CORPORATIONS HAVING WIRE POLES, PIPES, CONDUITS OR OTHER STRUCTURES THAT MAY BE AFFECTED BY THIS OPERATION.

A. THE UTILITIES WITHIN THE LIMITS OF THIS PROJECT ARE (BUT NOT LIMITED TO) AS FOLLOWS:

AMERITECH 50 W.BOWERY, 6TH FLOOR AKRON, OH 44308 800-290-2242 RICK MARSILI

MB OPERATING

104 6TH ST. S.W.

WATER COMPANY P.O. BOX 584 MASSILLON, OH 44648 (330) 833-4156

CONSUMER OHIO

MASSILLON, OH 44545 (330) 833-3141 MASSILLON CABLE TV P.O. BOX 814 MASSILLON, OH 44648

OHIO EDISON

STARK DIVISION

2600 S. ERIE ST.

CANTON, OH 44702 (330) 456-2454 CITY OF MASSILLON SANITARY SEWER ONE JAMES DUNCAN PLAZA

MASSILLON, OH 44646

(330) 830-1722

THE EAST OHIO GAS COMPANY 4725 SOUTHWAY ST. S.W. CANTON, OH 44706 (216) 478-3142 NANCY KOVACH

AT&T COMMUNICATIONS

DENVER, CO 80205-3601

2535 E. 40TH AVE.

(800) 852-3786

(330) 8334134

NORTHEAST OHIO NATURAL GAS CORP.
1425 N. WOOSTER AVE.
STRASBURG, OH 44680-9766
(330) 878-5589

NOTIFICATION OF SAFETY FORCES

THE CONTRACTOR SHALL NOTIFY THE CITY OF MASSILLON FIRE DEPARTMENT, MASSILLON POLICE DEPARTMENT, LOCAL (MASSILLON & PERRY) SCHOOL DISTRICT TRANSPORTATION SUPERVISOR, AND THE PUBLIC SAFETY & SERVICE DIRECTOR AT LEAST 48 HOURS IN ADVANCE OF ANY STREET CLOSING TRAFFIC CHANGE.

FINAL APPROVAL

A VIDEO TAPE WILL BE MADE BY THE CONTRACTOR AND SUBMITTED TO THE CITY PRIOR TO THE PROJECT COMMENCING. AFTER THE FINAL INVOICE IS RECEIVED THE SITE WILL BE VIDEO TAPED AGAIN BY THE CONTRACTOR. ANY DISCREPANCIES WILL BE RESOLVED PRIOR TO FINAL PAYMENT.

COST OF THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

CITY OF MASSILLON
Francis H. Cicchinelli, Jr.

REHA! NOTE!

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