

CITY OF MASSILLON, OHIO

LOWRY - PRICE

NEIGHBORHOOD DEVELOPMENT PROGRAM

OHIO PROJECT NO. A-15

ARCHITECTS • ENGINEERS
1900 EUCLEID AVE., CLEVELAND, OHIO 44115

MADISON • MADISON • INTERNATIONAL

MARK ROSS.....MAYOR
BLASE SPARMA.....SAFETY SERVICE DIR.
ROBERT WAGONER.....CITY ENGINEER

GENERAL NOTES

REMOVAL OF TREES AND STUMPS

ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECTS SHALL BE REMOVED UNDER THE LUMP SUM PRICE BID FOR ITEM 201 CLEARING AND GRUBBING. THE CITY OF MASSILLON RESERVES THE RIGHT TO ORDER THE REMOVAL OF ADDITIONAL TREES OR STUMPS OUTSIDE OF THE LIMITS OF CONSTRUCTION BUT WITHIN THE RIGHT OF WAY AND OR EASEMENT LINES. PAYMENT FOR THE REMOVAL OF THESE ADDITIONAL TREES OR STUMPS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201 CLEARING AND GRUBBING.

UNDERGROUND UTILITIES

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS HAVE BEEN OBTAINED FROM AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, BUT THE CITY OF MASSILLON DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS.

ESTIMATE QUANTITIES

SPECIFIC LOCATIONS AND USAGE OF ESTIMATED QUANTITIES SET UP ON THESE PLANS TO BE USED "AS DIRECTED BY THE ENGINEER" SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

CONNECTION TO EXISTING PIPE

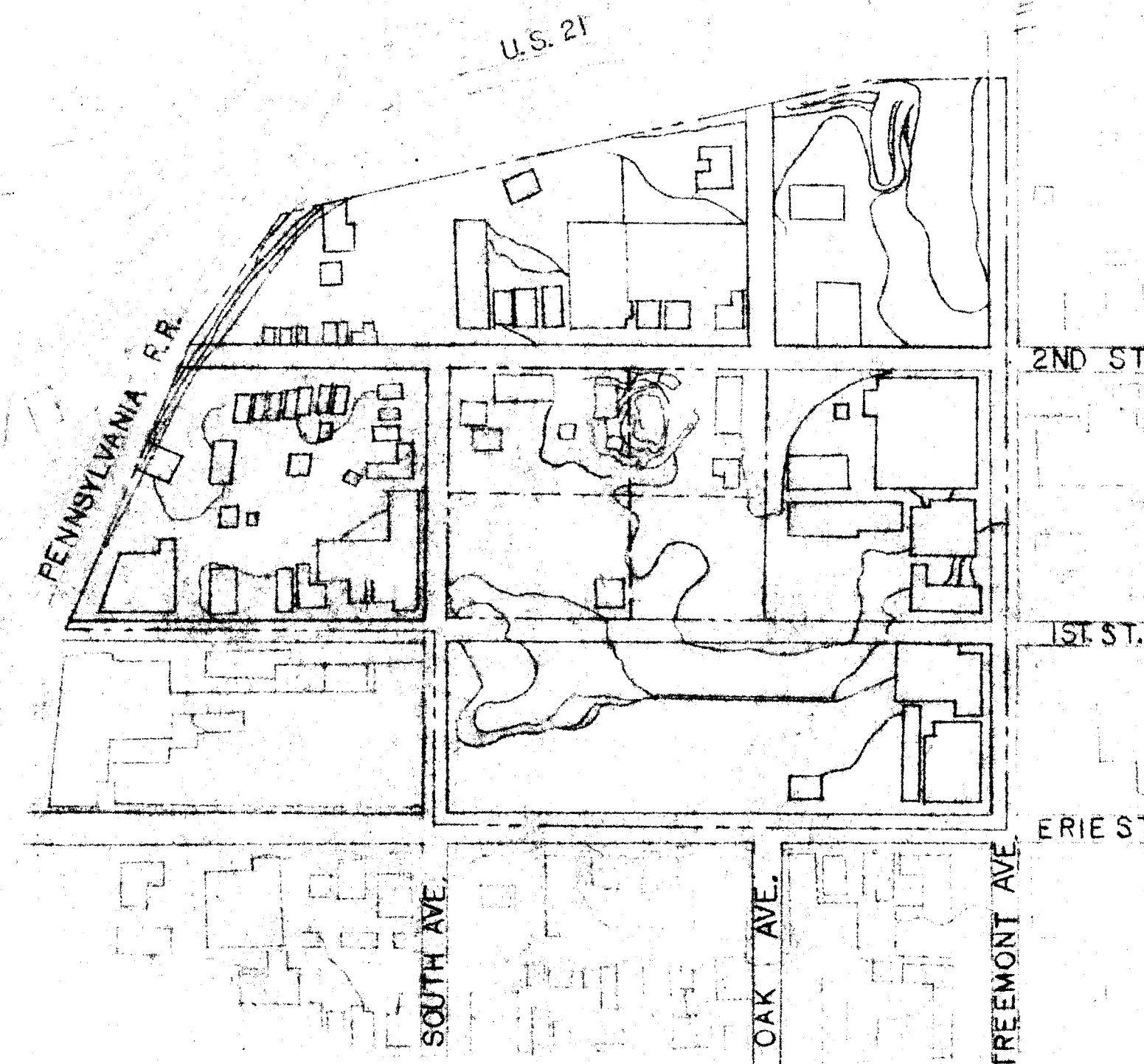
AT PLACES WHERE THE PLANS PROVIDE FOR PROPOSED PIPE TO BE CONNECTED TO EXISTING PIPE, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE EXISTING PIPE BOTH AS TO THE LINE AND GRADE BEFORE HE STARTS TO LAY THE PROPOSED PIPE. THE COST OF THIS OPERATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT 803 CONDUIT ITEM.

MAINTENANCE OF SEWER FLOWS

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO MAINTAIN AT ALL TIMES SEWER FLOWS THROUGH EXISTING FACILITIES TO REMAIN IN PLACE AND THROUGH EXISTING FACILITIES TO BE REPLACED UNTIL NEW FACILITIES ARE COMPLETED AND PLACED INTO USE. PAYMENT FOR ANY ADDITIONAL COSTS INVOLVED IN MAINTAINING THESE FLOWS BY PUMPING OR BY ANY OTHER MEANS APPROVED BY THE ENGINEER SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE RESPECTIVE ITEMS OF 803 CONDUIT.

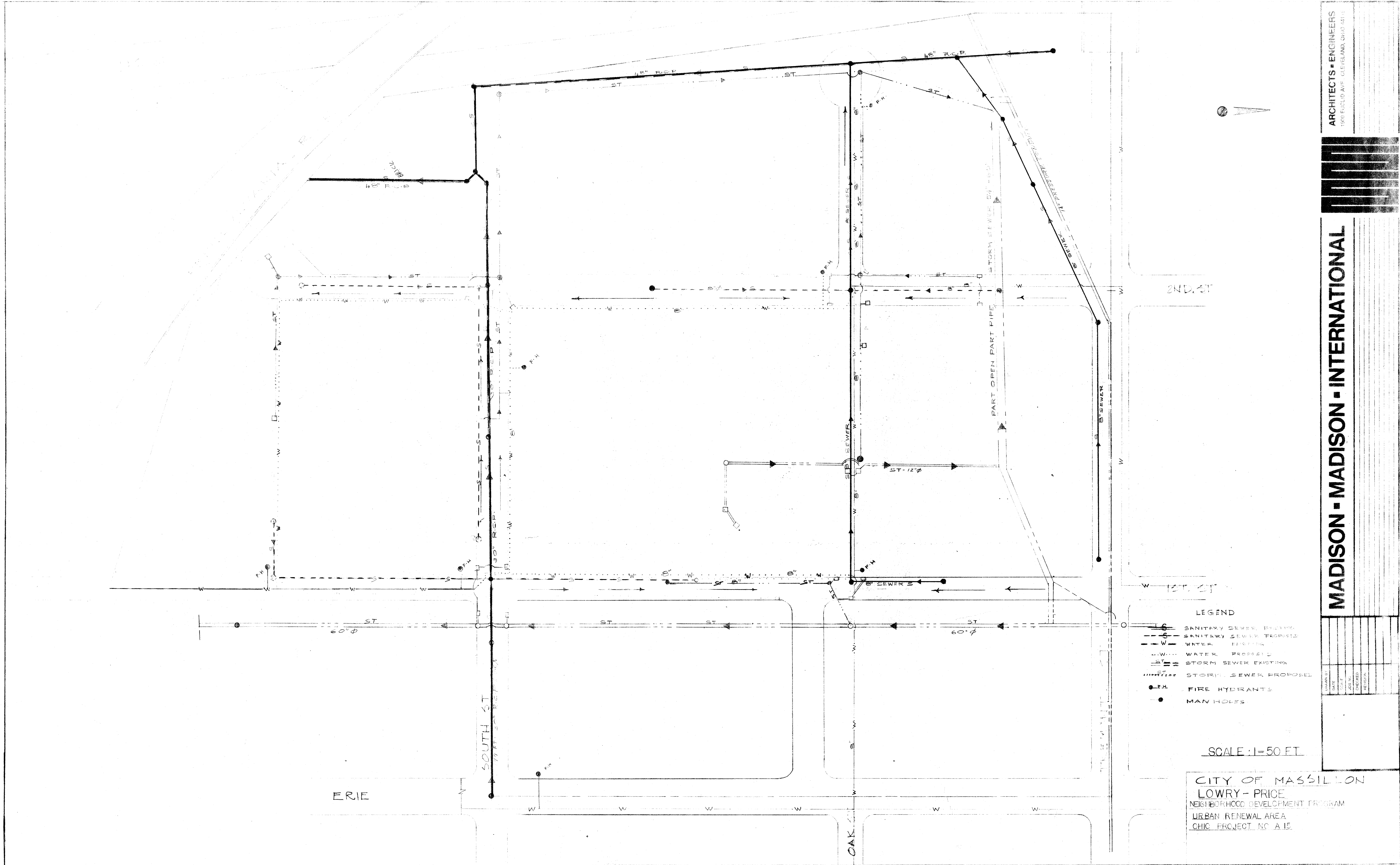
REMOVAL OF EXISTING PIPE

THE REMOVAL OF ALL EXISTING PIPE DRAINS WHICH WOULD NORMALLY BE REMOVED IN VARIOUS EXCAVATION ITEMS SHALL BE INCLUDED FOR PAYMENT IN THE UNIT PRICE BID FOR THE RESPECTIVE EXCAVATION ITEM, UNLESS OTHERWISE NOTED IN THE PLANS.



GENERAL NOTES CONT'D

- TOTAL THICKNESS OF PAVEMENT TO BE USED IS 2 1/2" - 404.
1. PROVIDE OPENINGS FOR DOWN SPOUTS IN EACH LOT OR AS DIRECTED BY ENGINEER, ALSO ADDITIONAL OPENING, INCLUDE IN CURB PRICE.
 2. ALL CONC. WORK TO BE 6 BAG MIX AND LIMESTONE AGGREGATE.
 3. EDGE OF OLD PAVEMENT MUST NOT BE REMOVED WHEN EXCAVATING FOR BASE, IF REMOVED IT SHALL BE REPLACED WITH CONCRETE AS DIRECTED BY ENGINEER AT CONTRACTORS OWN EXPENSE.
 4. CYLINDER TESTS ARE TO BE TAKEN AS ORDERED BY ENGINEER. CONTRACTOR IS TO FURNISH ALL NECESSARY CYLINDERS FOR TESTS AND TO PROVIDE ADEQUATE STORAGE OF TEST CONES UNTIL TAKEN TO TESTING LABORATORY BY CONTRACTOR. TEST TO BE PAID BY CONTRACTOR.
 5. ALL EXISTING SANITARY DITCHES RECOMPACTED AS REQUIRED BY ENGINEER.
 6. ALL MATERIALS 30% 40% CONCRETE ETC. AND METHODS OF APPLICATION, CONSTRUCTION ETC. USED ON THIS JOB MUST MEET THE LATEST STATE OF OHIO DEPT. OF HIGHWAYS SPECIFICATIONS.
 7. ALL DITCHES TO BE COMPACTED PER SPECIFICATIONS. IF UNSUITABLE MATERIAL IS ENCOUNTERED, DITCHES TO BE FILLED WITH SUITABLE MATERIAL AT ENGINEER SPECIFICATIONS.
 8. CONTRACTOR SHALL PAY THE CITY'S INSPECTORS FOR ALL WORK BEFORE 7:30 A.M. AND AFTER 4:00 P.M. MONDAY THRU FRIDAY AND ALL HOURS ON SATURDAY, SUNDAY OR HOLIDAYS AT TIME AND ONE HALF THE RATE IN THE CITY'S WAGE ORD. THAT IS IN EFFECT.
 9. ON BARE BRICK USE SS-1 EMULSION WITH 5% RUBBER SOLIDS.
 10. 404 SHALL BE DRIVEWAY MIX WITH 6.5 TO 6.7% ASPHALT CONTENT.
 11. TREES THAT NEED REMOVAL WILL BE TOPPED BY POWER CO. REMAINDER OF TREE WILL BE REMOVED BY CONTRACTOR.
 12. STREET SIGNS, STOP SIGNS DAMAGED BY CONTRACTOR TO BE REPLACED BY CONTRACTOR AT HIS EXPENSE.
 13. ALL HYDRANTS & WATER BOXES TO BE REPLACED BY OTHERS.



TREMONT

AVENUE

SW

80'

BENCH MARK
TOP OF HYDRANT @ N.W. CORNER
SECOND STREET & TREMONT AVENUE
ELEV. 937.41

N43°13'30"E

CENTERLINE

CURB LINE

N43°34'34"E

UTILITY MAN

8" SANITARY SEWER

936.5

936.3

936.1

9'x13' REINFORCED CONCRETE CONDUIT
APPROXIMATE LOCATION

8" SANITARY SEWER

COULD NOT LOCATE
IN FIELD

SPW M.H.
TIC 333.24 FL. 921.81

TOP OF CHANNEL WALL

CONCRETE CHANNEL

TOP OF CHANNEL WALL

48" C.M.P. STORM SEWER

66'

SW

ST

SECOND

STORM SEWER CHANNEL
(APPROXIMATE SIZE & LOCATION)

TOP OF BRIDGE
935.72

12" STORM SEWER

U.S. RT. 21

48" SAN SEWER TRUNK LINE

OAK

AVENUE

SW

66'

BENCH MARK
TOP OF HYDRANT @ S.W. CORNER
SECOND STREET & OAK AVENUE
ELEV. 935.28

S69°27'44"W

323.93'

N43°20'48"E

STORM M.H.
TIC 333.04 FL. 928.74

SEE SHEET 4 OF 4

SEE SHEET 3 OF 4