

CITY OF MASSILLON

CITY ENGINEER DEPARTMENT

STARK COUNTY, OHIO

AMHERST RD. N.E. REHAB.

PROJECT DESCRIPTION

RESURFACING OF EXISTING PAVEMENT WITH
NEW SIDEWALK AND NEW CURB. REPLACEMENT
OF THE EXISTING STORM SEWER IN SELECTED
LOCATIONS.

DESIGN DESIGNATION

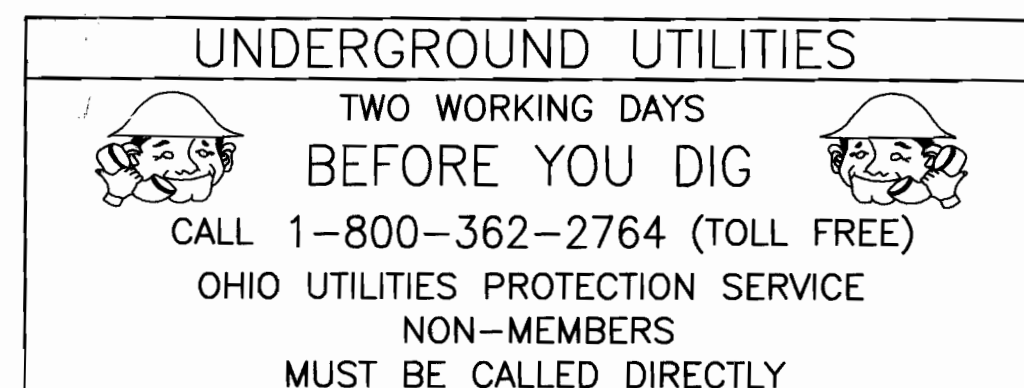
CURRENT ADT (1999) _____ N/A
DESIGN YEAR ADT (2019) _____ N/A
DESIGN HOURLY VOLUME (2019) _____ N/A
DIRECTIONAL DISTRIBUTION _____ N/A
TRUCKS (24 HOUR B&C) _____ N/A
DESIGN SPEED _____ 35 MPH
LEGAL SPEED _____ 35 MPH
DESIGN FUNCTIONAL CLASSIFICATION - N/A

DESIGN EXCEPTION

NONE

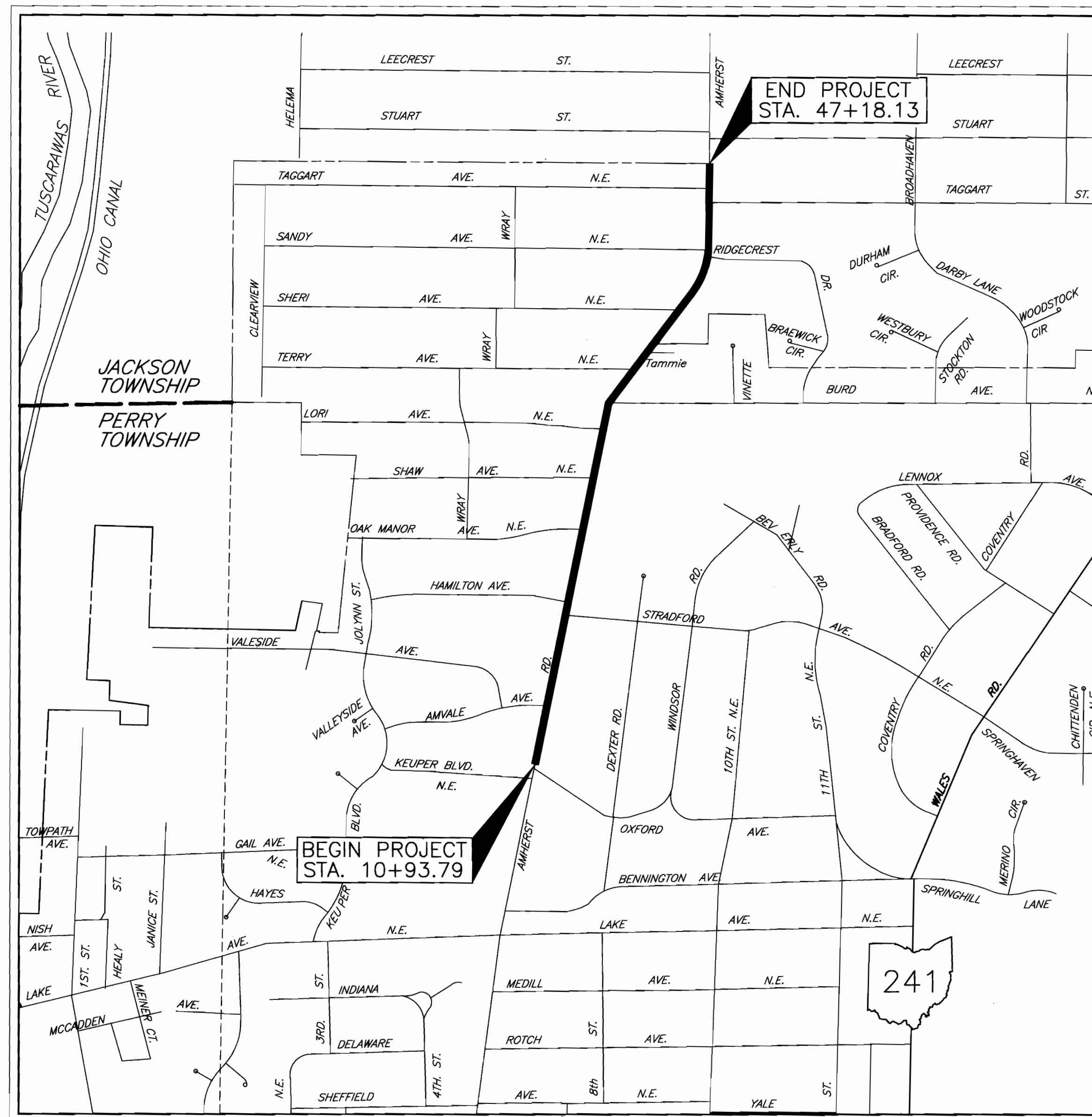
CONVENTIONAL SIGNS

RIGHT OF WAY EXISTING: _____, PROPOSED: _____
COUNTY LINE
TOWNSHIP LINE
CORPORATION LINE
FENCE LINE EXISTING:  , PROPOSED:  
GUARDRAIL EXISTING:  , PROPOSED:  
MANHOLES EXISTING: , PROPOSED: , ADJUSTED: 
CATCH BASINS EXISTING: , PROPOSED: , ADJUSTED: 
SIGNS 1-POST: , 2-POST: , 3-POST: 
EXISTING POLES POWER: , TELEPHONE , LIGHT , SPAN 
PROPOSED POLES POWER: , TELEPHONE , LIGHT , SPAN 
EXIST. UTILITIES VALVE: , HYDRANT: , METERS:  / , GUY: 



PLAN PREPARED BY:

CITY OF MASSILLON
Engineering Department



LOCATION MAP

PORTION TO BE IMPROVED _____
STATE & FEDERAL ROUTES _____
OTHER ROADS _____

RT. 30 W. — RT. 30 E.
AT THE INDUSTRIAL CROSSROADS OF OHIO
RT. 21

THE CITY OF MASSILLON, OHIO
Mayor
FRANCIS H. CICCHINELLI, Jr.

INDEX OF SHEETS:

TITLE SHEET 1A
TYPICAL SECTIONS 1
PLAN 2
STORM SEWER DETAIL 3

APPROVALS

DIRECTOR OF PUBLIC SAFETY AND SERVICE ALAN W. CLIMER

DATE

James J. Benekos

CITY ENGINEER

JAMES J. BENEKOS, P.E., P.S.

7/27/99
DATE

OFFICIALS

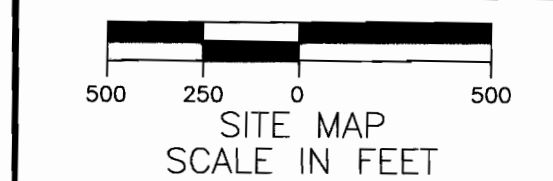
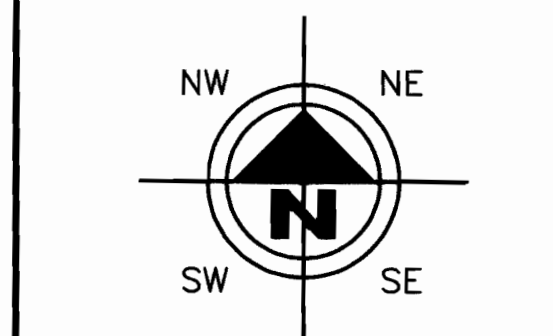
FRANCIS H. CICCHINELLI, Jr. MAYOR
ALAN W. CLIMER DIRECTOR OF PUBLIC SAFETY AND SERVICE
JAMES J. BENEKOS, P.E., P.S. CITY ENGINEER
JOE ULRICH WASTE WATER TREATMENT PLANT MANAGER
JOHN D. FERRERO JR. LAW DIRECTOR/PROSECUTOR
DOLORES B. LOOMIS AUDITOR
BILL H. HAMIT TREASURER
SHARON K. HOWELL CLERK OF COUNCIL

COUNCIL

DENNIS HARWIG PRESIDENT
JAMES H. ROHR 1st WARD
BILL AMAN 2nd WARD
CHARLIE A. TRIBETT 3rd WARD
WILLIAM POOLE 4th WARD
GLENN E. GAMBER 5th WARD
PAUL F. LAMBERT 6th WARD

COUNCIL AT LARGE

MIKE LOUDIANA
TIM BRYAN
NANCY J. HALTER



DRAWN BY:	CHECKED BY:
FPW	SDH
DATE:	DATE:
Dec. 30, 1998	Feb. 26, 1999

Amherst Rd. N.E. Rehab.

Title Sheet
City of Massillon
Stark County, Ohio

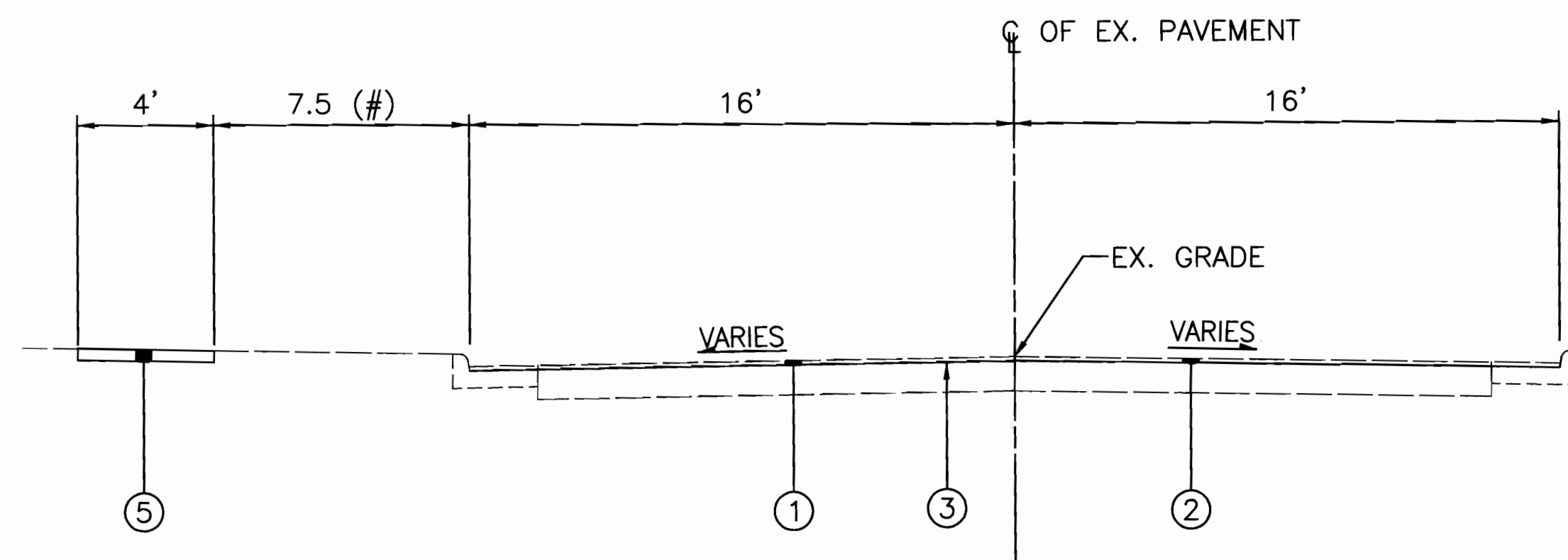
RT. 30 W. — RT. 30 E.
AT THE INDUSTRIAL CROSSROADS OF OHIO
RT. 21
THE CITY OF MASSILLON, OHIO

Francis H. Cicchinelli, Jr.
Mayor

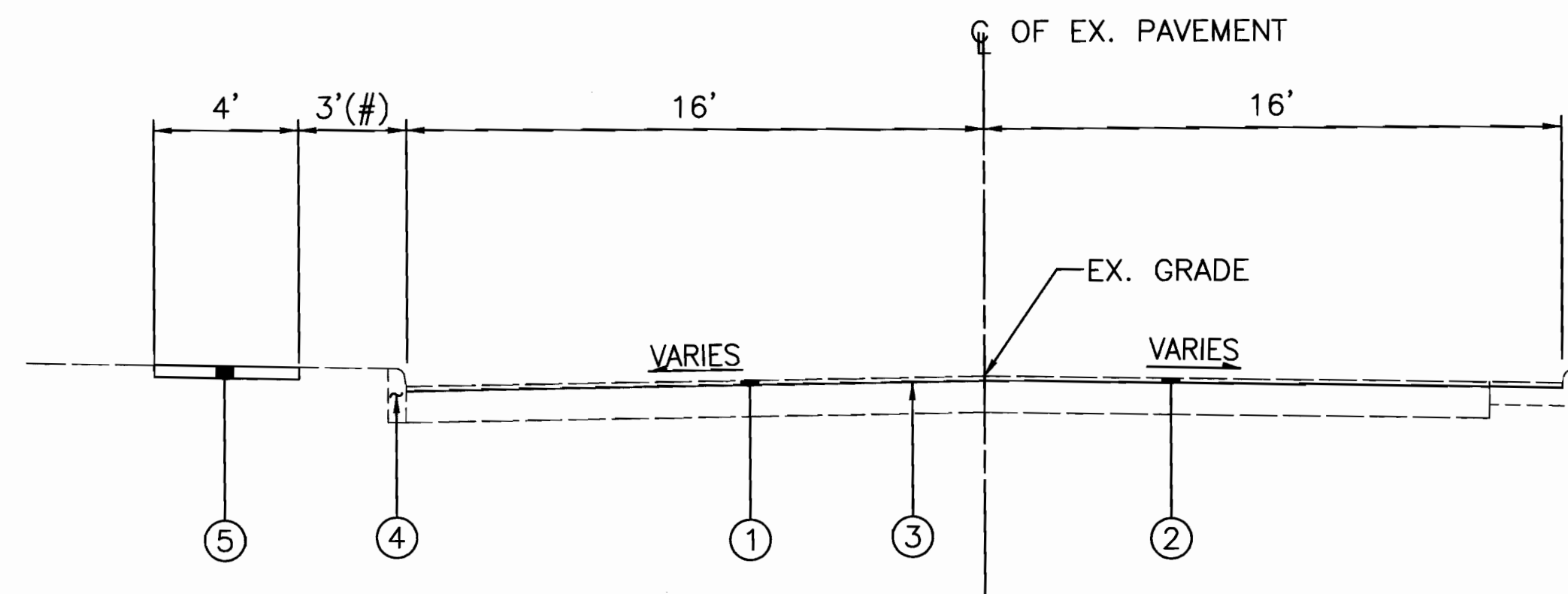
REVISIONS:	
DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99ST0404.DWG

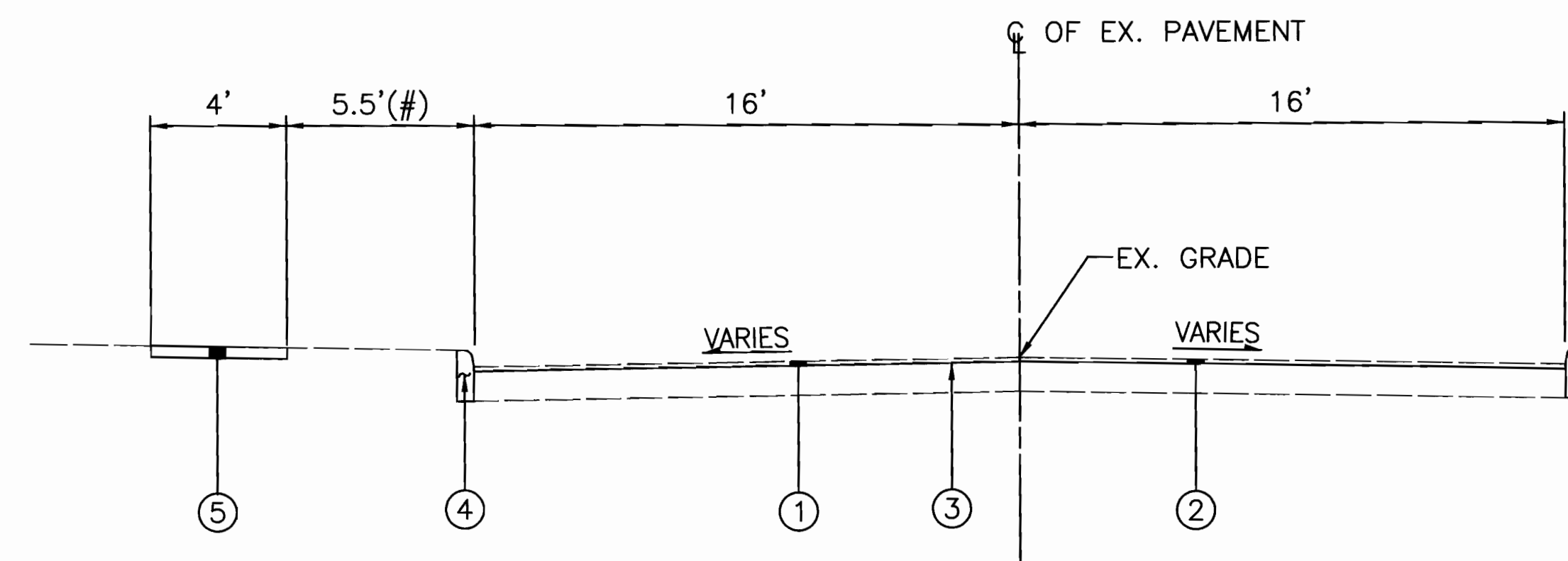
ACCOUNT NUMBER
99ST04



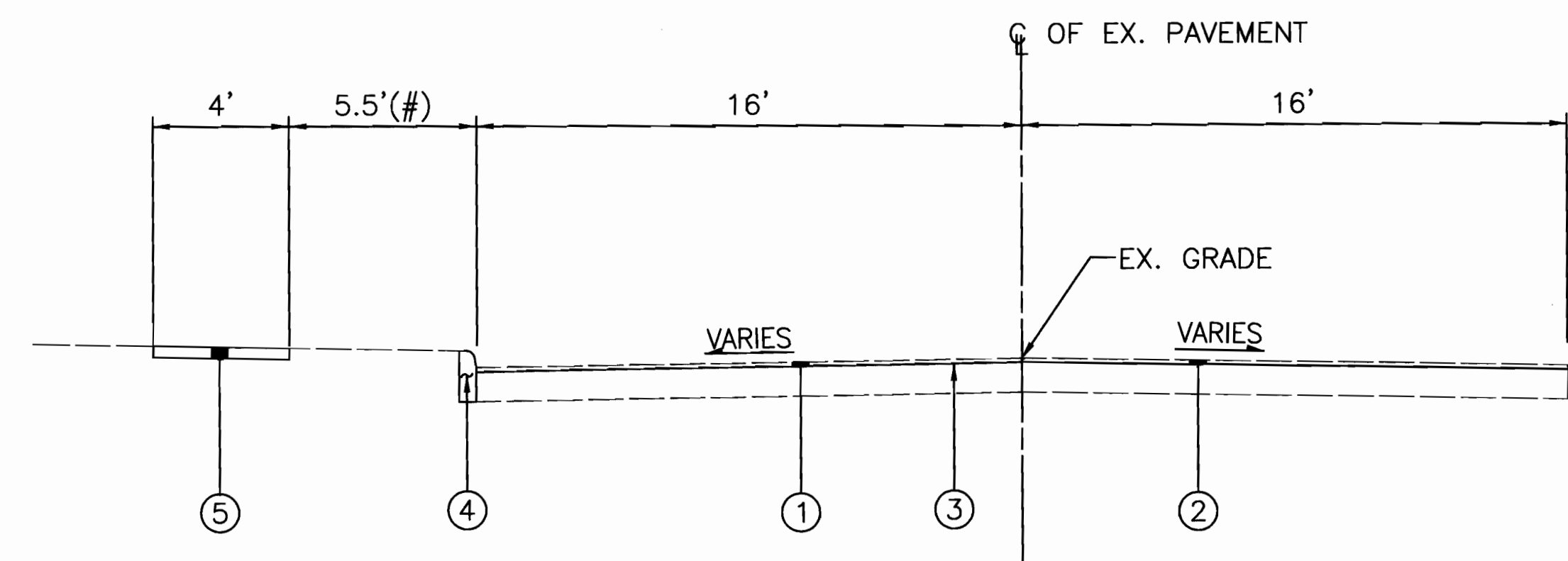
AMHERST RD. RESURFACING TYPICAL SECTION
STA. 10+93.79 TO STA. 29+39



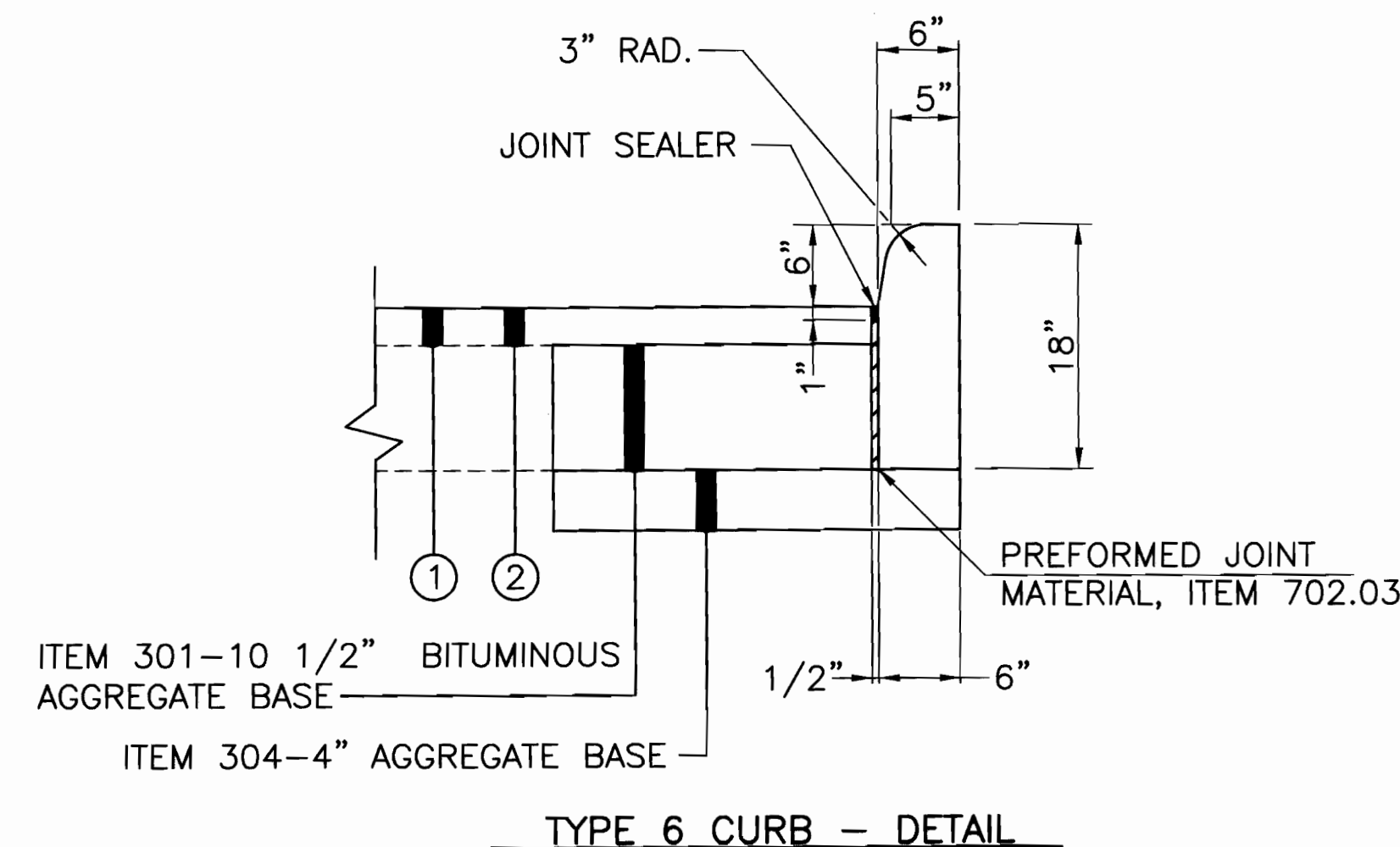
AMHERST RD. RESURFACING TYPICAL SECTION
STA. 29+39 TO STA. 33+47



AMHERST RD. RESURFACING TYPICAL SECTION
STA. 33+47 TO STA. 37+50



AMHERST RD. RESURFACING TYPICAL SECTION
STA. 37+50 TO STA. 48+18



TYPE 6 CURB - DETAIL

- LEGEND**
- ① - ITEM 404-1 1/2" ASPHALT CONCRETE, 3% LATEX
 - ② - ITEM 254-1 1/2" PAVEMENT PLANNING
 - ③ - ITEM 407-TACK COAT
 - ④ - ITEM 608-4' CONCRETE WALK
 - ⑤ - ITEM 609-TYPE 6 CURB
 - (#) - 7.5' FROM STA. 10+93.79 TO STA. 14+72.63
6.5' FROM STA. 15+09.55 TO STA. 20+46.92
6.5' FROM STA. 20+81.87 TO STA. 24+54.90
7.0' FROM STA. 25+04.03 TO STA. 27+45.89
3.0' FROM STA. 27+83.52 TO STA. 30+22.44
0.5' FROM STA. 30+69.70 TO STA. 33+98.14
5.5' FROM STA. 34+45.51 TO STA. 37+95.37
5.5' FROM STA. 38+41.55 TO STA. 41+83.70
5.5' FROM STA. 42+26.71 TO STA. 45+33.93
5.5' FROM STA. 45+73.62 TO STA. 47+18.13

CALCULATIONS

ITEM 254 PAVEMENT PLANNING

(Sta. 11+63.25 to Sta. 12+24.08) (60.83)[(40+32) /2] (1/9)	243.32 SQ YD
(Sta. 12+24.08 to Sta. 47+18.13) (3494.05) (32) (1/9)	12423.29 SQ YD
(Intersections of Terry Ave, Sheri Ave., and Taggart Ave.) [(31+71) /2] (25) (1/9) (3)	425 SQ YD
TOTAL ITEM 254 =	13091.61 Sq. Yd.
USED:	13100 Sq. Yd.

ITEM 404 ASPHALT CONCRETE, 3% LATEX

(Sta. 11+63.25 to Sta. 12+24.08) (60.83)[(40+32) /2] (1.5/12) (1/27)	10.14 CU YD
(Sta. 12+24.08 to Sta. 47+18.13) (3494.05) (32) (1.5/12) (1/27)	517.64 CU YD
(Intersections of Terry Ave, Sheri Ave., and Taggart Ave.) [(31+71) /2] (25) (1.5/12) (1/27) (3)	17.71 CU YD
TOTAL ITEM 404 =	545.49 Cu. Yd.
USED:	550 Cu. Yd.

ITEM 407 TACK COAT

(Sta. 11+63.25 to Sta. 12+24.08) (60.83) [(40+32) /2] (0.08) (1/9)	19.47 GAL
(Sta. 12+24.08 to Sta. 47+18.13) (3494.05) (32) (0.08) (1/9)	993.86 GAL
TOTAL ITEM 407 =	1013.33 GAL
USED:	1015 GAL

ITEM 452 6" PLAIN PORTLAND CEMENT CONCRETE

D-1 [(13.5) (18)] + [(4.5) (3)] (1/9)	28.50 SQ YD
D-2 [(13.5) (11)] + [(4.5) (3)] (1/9)	18.00 SQ YD
D-3 [(13.5) (17)] + [(4.5) (3)] (1/9)	27.00 SQ YD
D-4 [(13.5) (8.5)] + [(4.5) (3)] (1/9)	14.25 SQ YD
D-5 [(13.5) (10)] + [(4.5) (3)] (1/9)	16.50 SQ YD
D-6 [(13.5) (12)] + [(4.5) (3)] (1/9)	19.50 SQ YD
D-7 [(13.5) (11)] + [(4.5) (3)] (1/9)	18.00 SQ YD
D-8 [(13.5) (23)] + [(4.5) (3)] (1/9)	36.00 SQ YD
D-9 [(13.5) (11)] + [(4.5) (3)] (1/9)	18.00 SQ YD
D-10 [(13.5) (10)] + [(4.5) (3)] (1/9)	16.50 SQ YD
D-11 [(13.5) (16)] + [(4.5) (3)] (1/9)	25.50 SQ YD
D-12 [(13.5) (11)] + [(4.5) (3)] (1/9)	18.00 SQ YD
D-13 [(13.5) (17)] + [(4.5) (3)] (1/9)	27.00 SQ YD
D-11 [(13.5) (19.5)] + [(4.5) (3)] (1/9)	30.75 SQ YD

TOTAL ITEM 452 = 313.50 SQ YD
USED: 315 SQ YD

ITEM 608 4' CONCRETE WALK

(Sta. 10+93.79 to Sta. 14+72.63) (378.84) (4)	1515.36 SQ FT.
(Sta. 15+09.55 to Sta. 20+46.92) (537.37) (4)	2149.48 SQ FT.
(Sta. 20+81.87 to Sta. 24+54.90) (373.03) (4)	1492.12 SQ FT.
(Sta. 25+04.03 to Sta. 27+45.89) (241.87) (4)	967.48 SQ FT.
(Sta. 27+83.52 to Sta. 30+22.87) (239.35) (4)	957.40 SQ FT.
(Sta. 30+69.70 to Sta. 33+99.65) (329.95) (4)	1319.80 SQ FT.
(Sta. 34+45.51 To Sta. 37+95.37) (349.86) (4)	1399.44 SQ FT.
(Sta. 38+41.55 to Sta. 41+81.49) (339.94) (4)	1359.76 SQ FT.
(Sta. 42+26.72 to Sta. 45+33.93) (307.21) (4)	1228.84 SQ FT.
(Sta. 45+73.62 to Sta. 47+18.13) (144.51) (4)	578.04 SQ FT.

TOTAL ITEM 608 = 12967.72 SQ FT
USED: 12968 SQ FT

ITEM 609 CAST IN PLACE CONCRETE CURB - 6" X 18"

Left	
Sta. 12+28.64 to Sta. 13+04.64	76.00 LIN FT
NW Intersection return of Amherst Rd. NE/Terry Ave. NE	34.92 LIN FT
Sta. 34+66.61 to Sta. 37+81.98	315.37 LIN FT
Sta. 38+57.36 to Sta. 41+68.05	310.69 LIN FT
SW Intersection return of Amherst Rd. NE/Sandy Ave. NE	36.33 LIN FT
NW Intersection return of Amherst Rd. NE/Taggart Ave. NE	39.16 LIN FT
Sta. 45+91.47 to Sta. 47+18.13	126.66 LIN FT
Right	
Sta. 33+47.74 to Sta. 36+50.32	302.58 LIN FT

TOTAL ITEM 609 = 1241.71 LIN FT
USED: 1242 LIN FT

Amherst Rd. N.E. Rehab.

Proposed Typical Sections
City of Massillon
Stark County, Ohio

THE CITY OF MASSILLON, OHIO

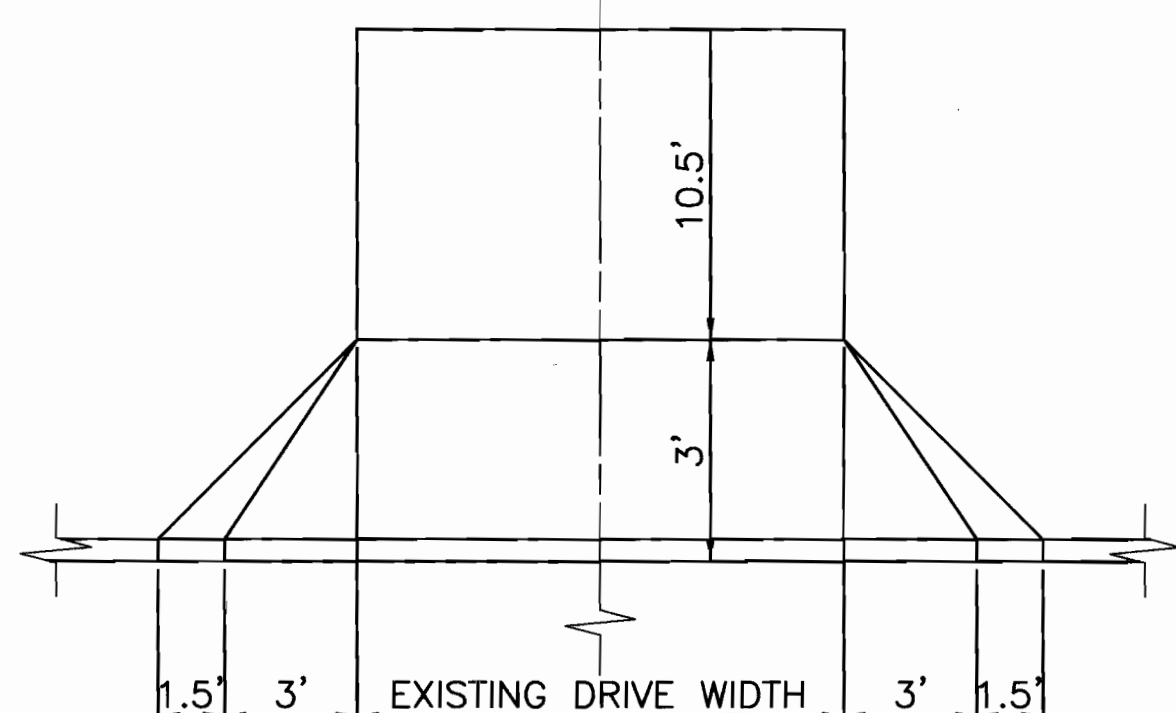
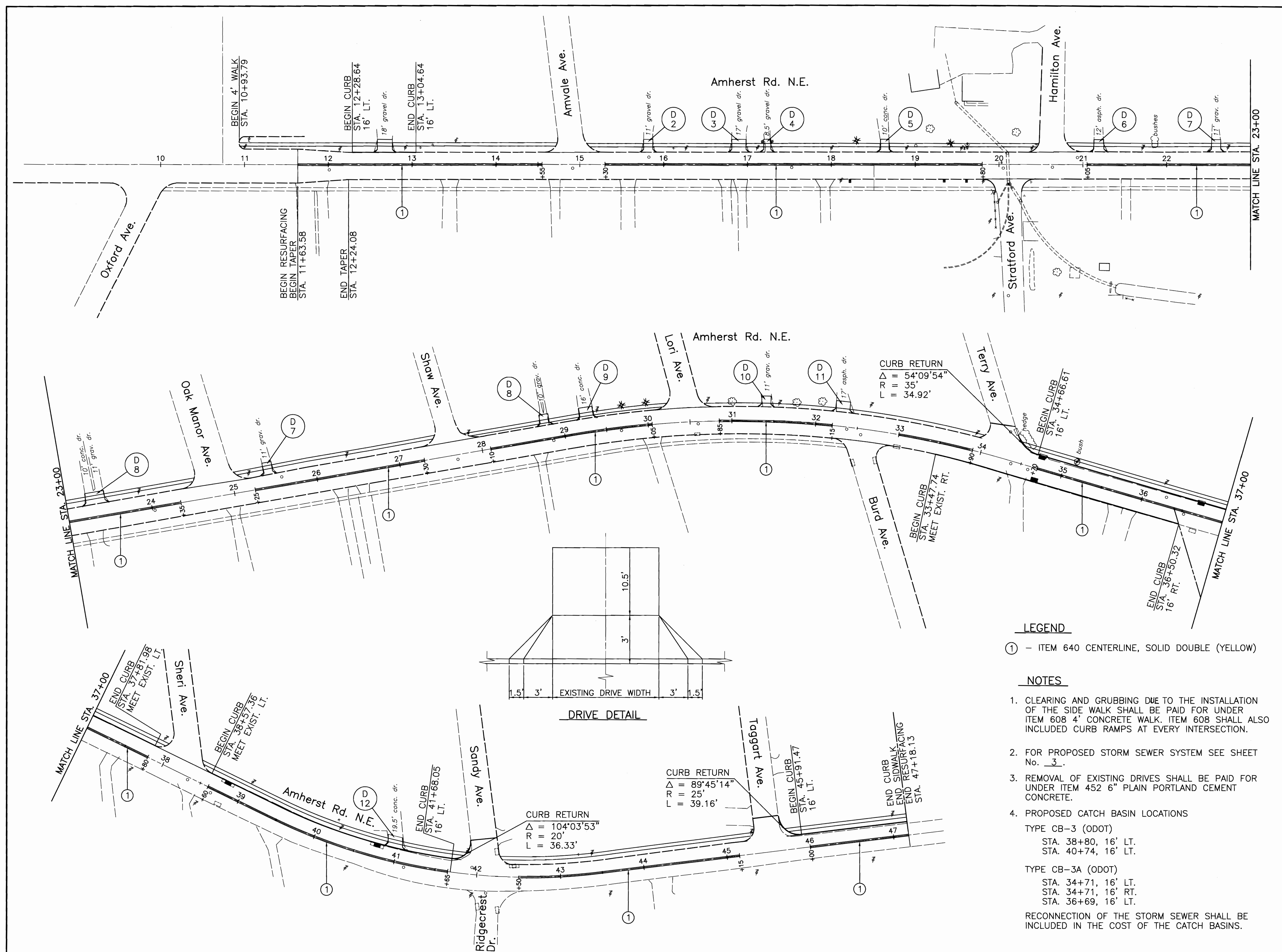
Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:	
DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99ST0401.DWG

ACCOUNT NUMBER
99ST04

1 / 3



- LEGEND**
- ① - ITEM 640 CENTERLINE, SOLID DOUBLE (YELLOW)
- NOTES**
- CLEARING AND GRUBBING DUE TO THE INSTALLATION OF THE SIDE WALK SHALL BE PAID FOR UNDER ITEM 608 4' CONCRETE WALK. ITEM 608 SHALL ALSO INCLUDED CURB RAMPS AT EVERY INTERSECTION.
 - FOR PROPOSED STORM SEWER SYSTEM SEE SHEET No. 3.
 - REMOVAL OF EXISTING DRIVES SHALL BE PAID FOR UNDER ITEM 452 6" PLAIN PORTLAND CEMENT CONCRETE.
 - PROPOSED CATCH BASIN LOCATIONS
TYPE CB-3 (ODOT)
STA. 38+80, 16' LT.
STA. 40+74, 16' LT.
TYPE CB-3A (ODOT)
STA. 34+71, 16' LT.
STA. 34+71, 16' RT.
STA. 36+69, 16' LT.
RECONNECTION OF THE STORM SEWER SHALL BE INCLUDED IN THE COST OF THE CATCH BASINS.

HORIZONTAL SCALE IN FEET

DRAWN BY: FPW
CHECKED BY: SDH

DATE: July 12, 1999
DATE: July 13, 1999

Amherst Rd. N.E. Rehab.

Amherst Rd. NE Resurfacing, Curb/Walk Location, and Striping Plan
City of Massillon
Stark County, Ohio

RT. 30 W. - RT. 30 E.
AT THE INDUSTRIAL RT. 21 CROSSROADS OF OHIO

THE CITY OF MASSILLON, OHIO

Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:	
DATE	DESCRIPTION

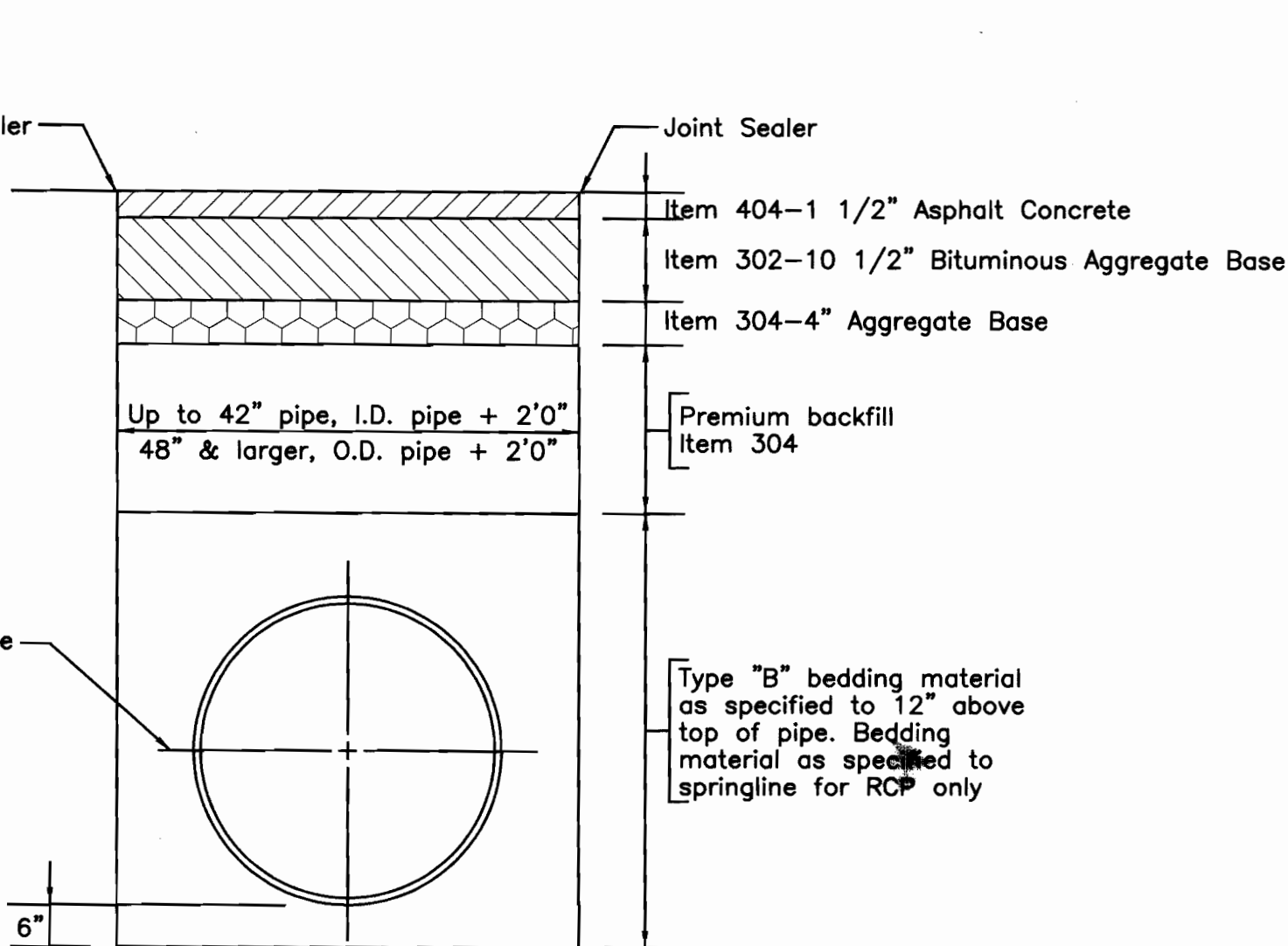
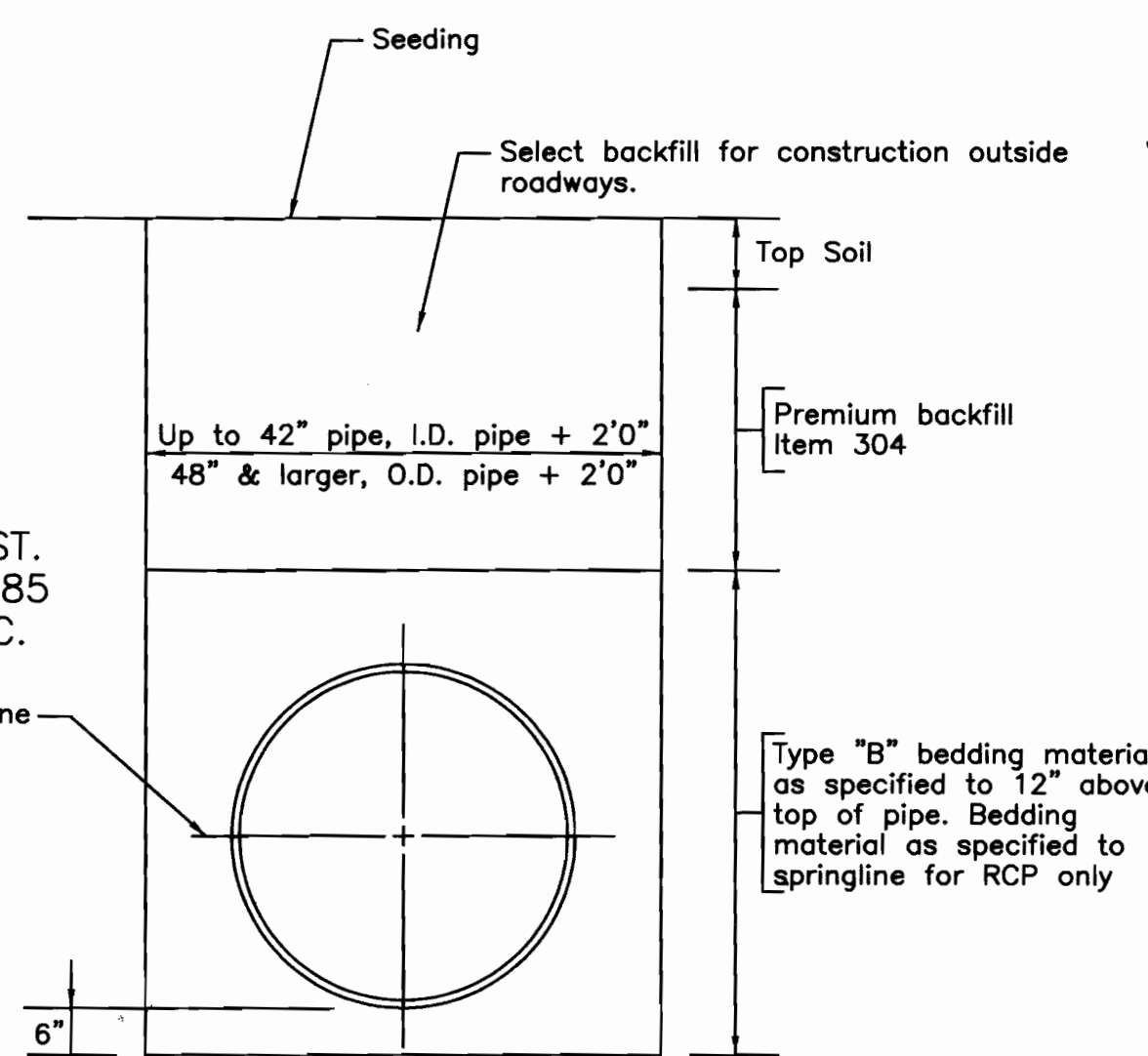
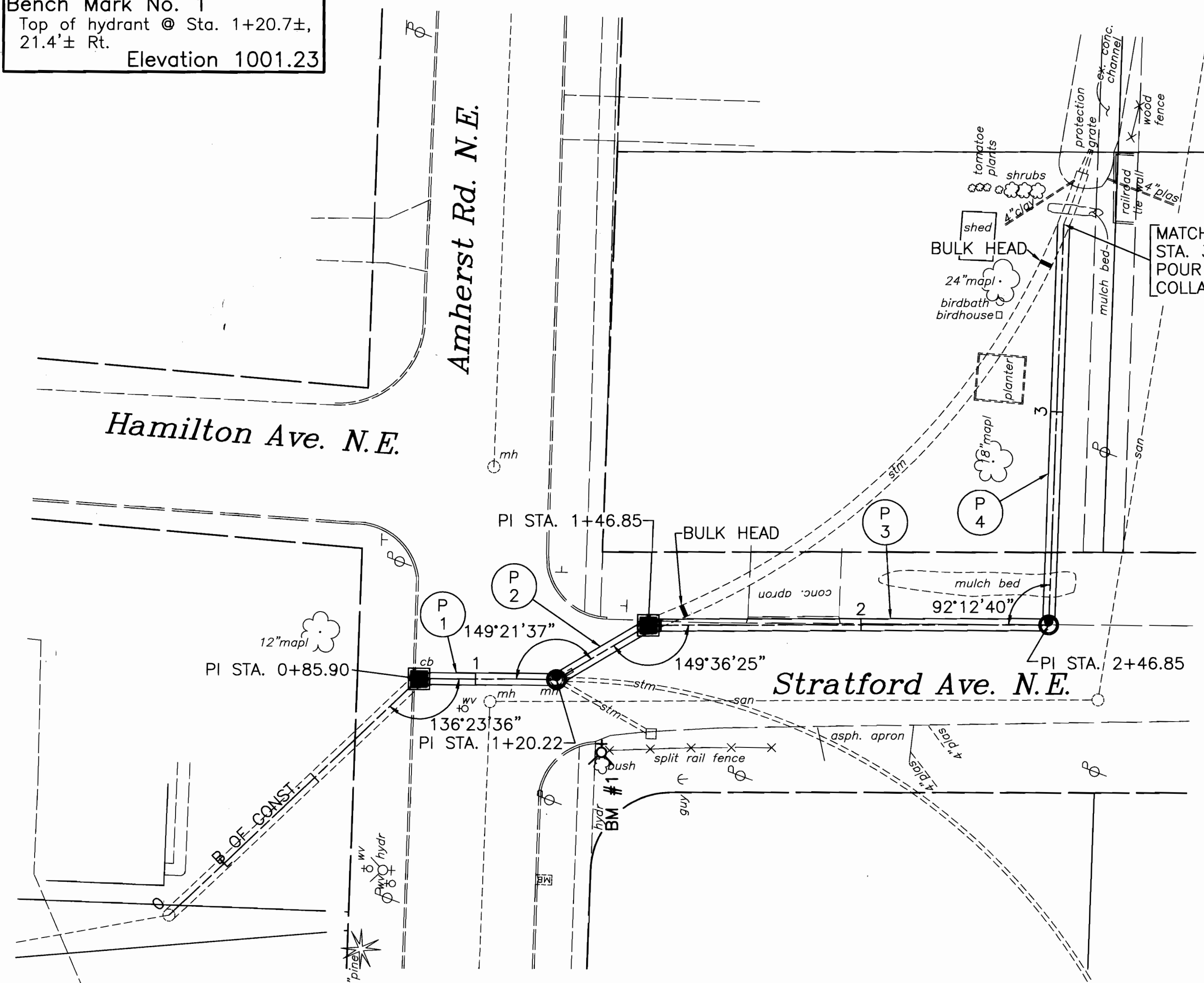
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ACCOUNT NUMBER
98ST04

2

3

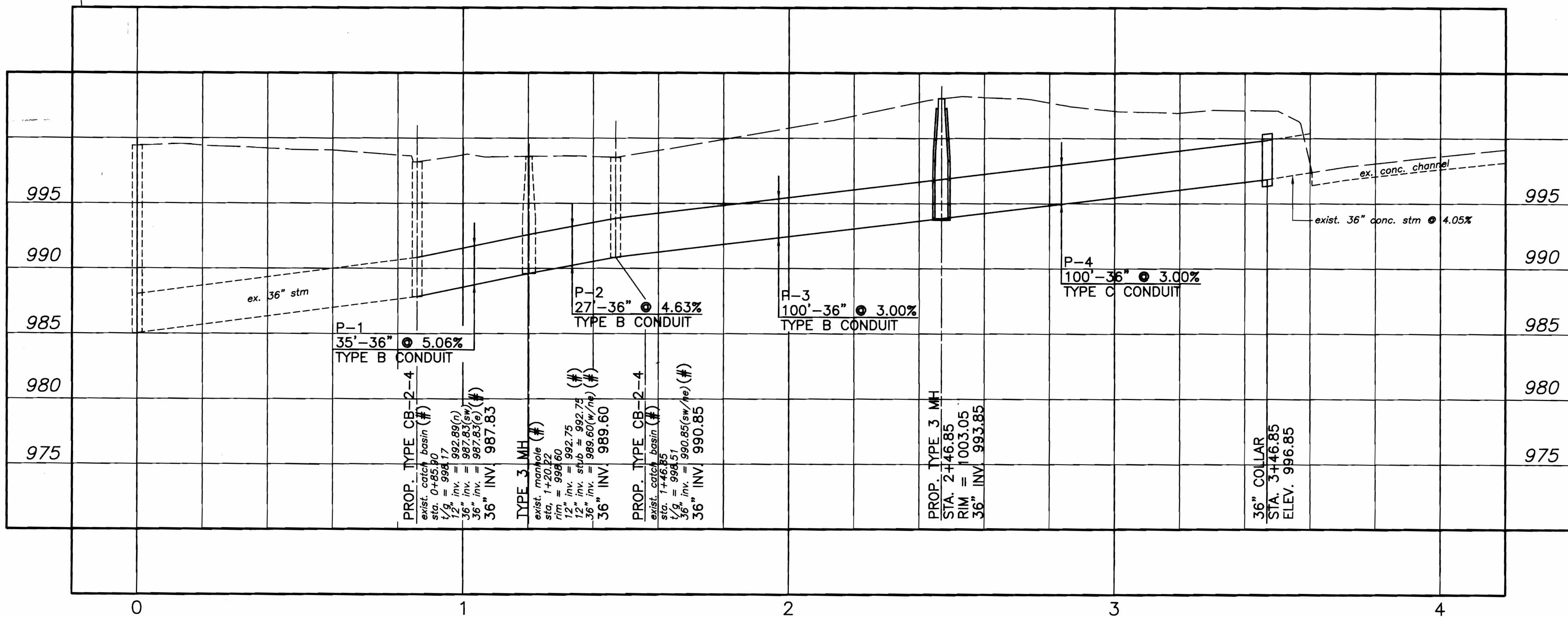
Bench Mark No. 1
Top of hydrant @ Sta. 1+20.7±,
21.4'± Rt. Elevation 1001.23



BEDDING AND TRENCH DETAIL
TYPE "B" BEDDING

BEDDING AND TRENCH DETAIL
TYPE "B" BEDDING

REF. No.	STATION		SIDE	202	202	202	202	603	603	604	604	604
				PIPE REMOVED	BULK HEAD	MANHOLE REMOVED	CATCH BASIN REMOVED	36" CONDUIT TYPE B	36" CONDUIT TYPE C	MANHOLE TYPE 3	CATCH BASIN TYPE 2-4	CONC. COLLAR
	FROM	TO		L.F.	EACH	EACH	EACH	EACH	EACH	L.F.	L.F.	EACH
P1	0+85.90	1+20.22	CL	35			1	35			1	
P2	1+20.22	1+46.85	CL	27		1		39		1		
P3	1+46.85	2+46.85	CL	10	1			100			1	
P4	2+46.85	3+46.85	CL	10	1				100	1		1
TOTAL				82	2	1	1	174	100	2	2	1



NOTES:

- ALL EXISTING PIPE REMOVAL SHALL BE INCLUDED IN THE PRICE OF ITEM 603 TYPE B AND C CONDUIT.
- ALL CATCH BASIN AND MANHOLE REMOVAL SHALL BE INCLUDED IN ITEM 604 MANHOLE AND CATCH BASIN

LEGEND:

- (#) - DENOTES EXISTING TO BE REMOVED
● - PROPOSED TYPE MH-3 (ODOT)
■ - PROPOSED TYPE CB-2-4 (ODOT)

Amherst Rd. N.E. Rehab.

Proposed Storm Sewer Replacement
City of Massillon
Stark County, Ohio

RT. 30 W. - RT. 30 E.
AT THE INDUSTRIAL CROSSROADS OF OHIO
RT. 21
THE CITY OF MASSILLON, OHIO

Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:

DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99ST0403.DWG

ACCOUNT NUMBER
99ST04