

**CITY OF MASSILLON
ENGINEERING DEPARTMENT
STARK COUNTY, OHIO
LINCOLN WAY EAST RESURFACING REHAB. PHASE III
OPWC No. CS08A**

PROJECT DESCRIPTION

RESURFACING AND REPLACEMENT OF PORTION
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

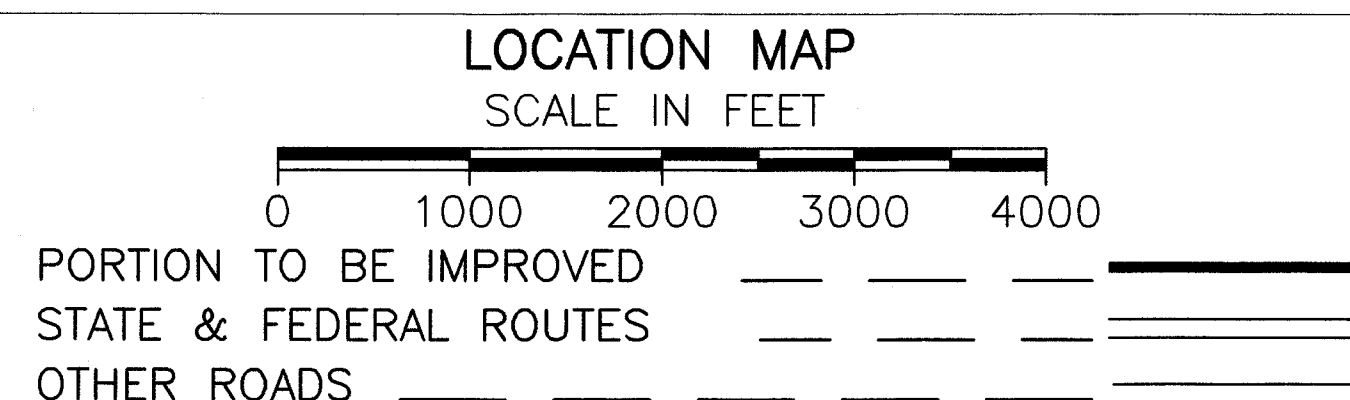
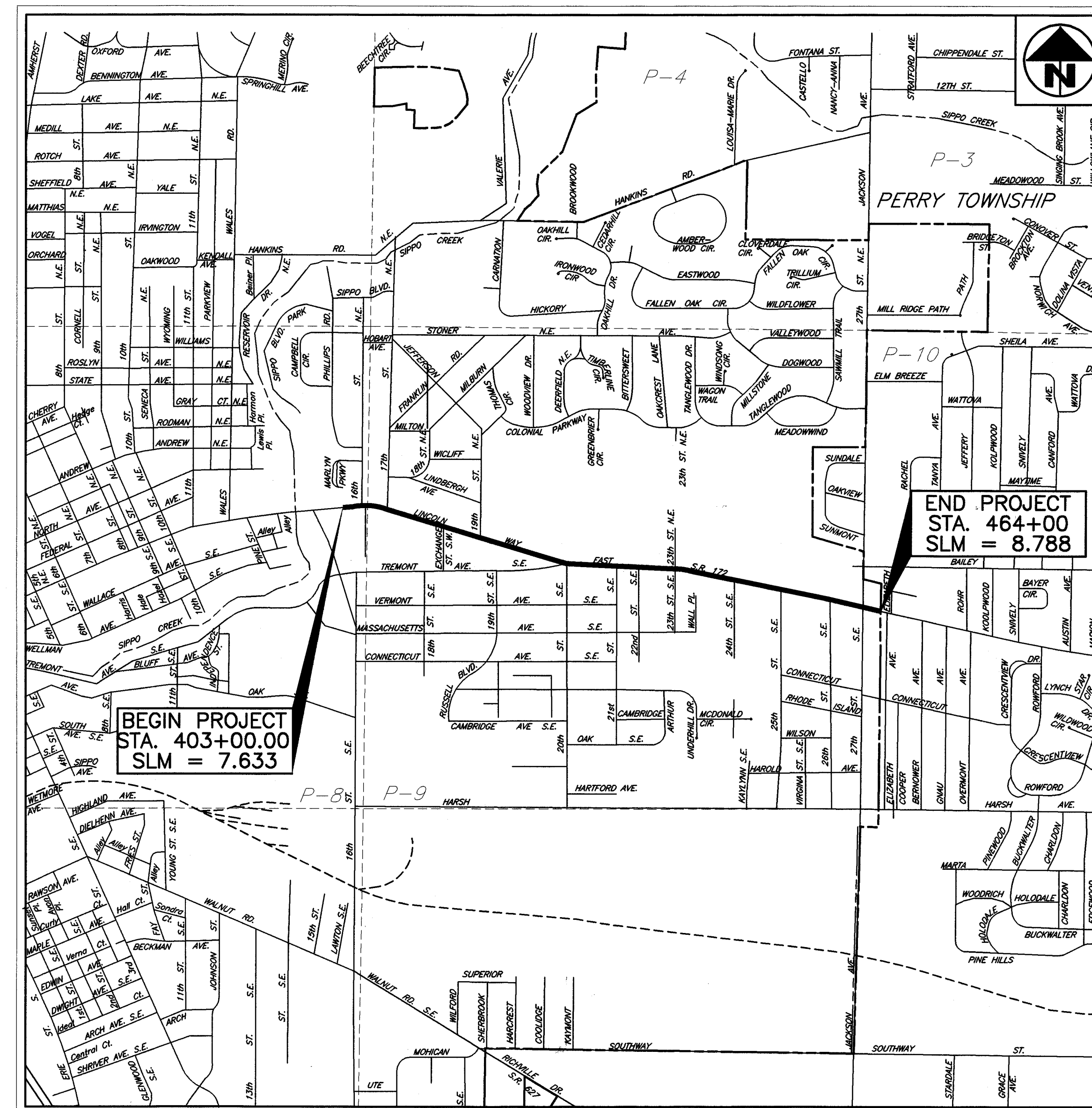
DESIGN FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

DESIGN EXCEPTION

NONE

CONVENTIONAL SIGNS

RIGHT OF WAY EXISTING: ———, PROPOSED: ———
COUNTY LINE
TOWNSHIP LINE
CORPORATION LINE
FENCE LINE EXISTING: —X—X—, PROPOSED: —X—X—
GUARDRAIL EXISTING: —O—O—, 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: —



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

**RT. 30 W. — RT. 30 E.
AT THE INDUSTRIAL CROSSROADS OF OHIO
RT. 21
THE CITY OF MASSILLON, OHIO
Mayor
FRANCIS H. CICCHINELLI, Jr.**

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DRAINAGE DETAILS 9

APPROVALS

DIRECTOR OF PUBLIC SAFETY AND SERVICE ALAN W. CLIMER DATE
CITY ENGINEER JAMES J. BENEKOS, P.E., P.S. 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
STEVE HAMIT, P.E. SENIOR COLLECTION SYSTEMS ENGINEER
JOE ULRICH WASTE WATER TREATMENT PLANT MANAGER
JOHN FERRERO LAW DIRECTOR
DOLORES B. LOOMIS AUDITOR
SANDRA AEGERTER TREASURER
SHARON K. HOWELL CLERK OF COUNCIL

COUNCIL

DAVID A. SMITH PRESIDENT
JAMES H. ROHR 1st WARD
WILLIAM L. KRAFT 2nd WARD
DALE A. WALTERHOUSE 3rd WARD
WILLIAM POOLE 4th WARD
GLENN E. GAMBER 5th WARD
PAUL F. LAMBERT 6th WARD

COUNCIL AT LARGE

BILL H. HAMIT
TIM BRYAN
NANCY J. HALTER

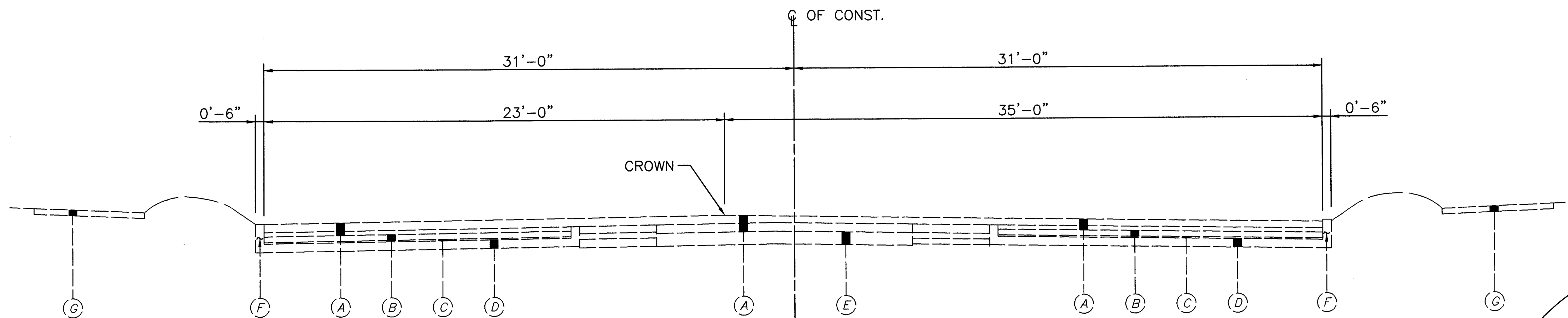
AT 30 W. RT. 30 E.
AT THE INDUSTRIAL CROSSROADS OF OHIO
RT. 21
THE CITY OF MASSILLON, OHIO

ELECTRONIC FILE NAME: LWEGTA.DWG
DRAWN BY: F. Werner
ACCOUNT # P-362
DATE: Aug. 04, 1997
OPWC # CS08A

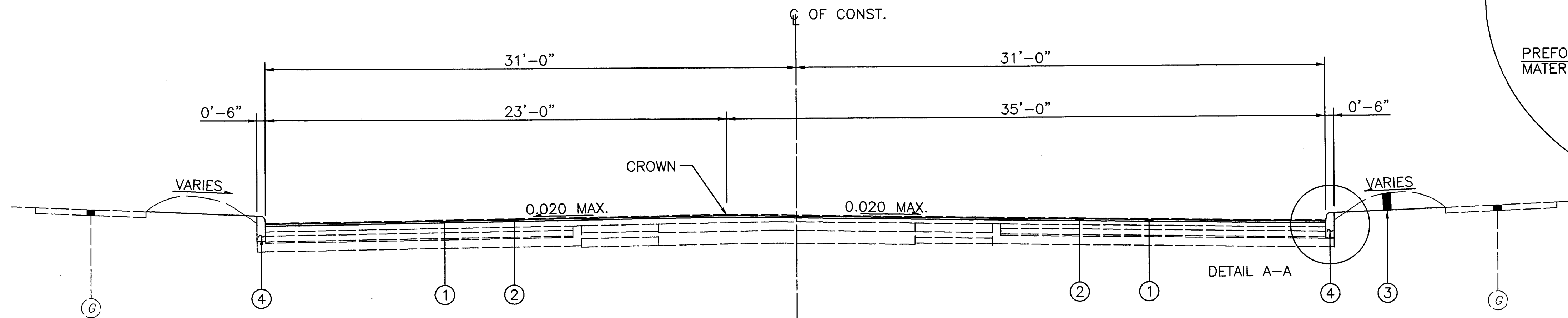
LINCOLN WAY EAST RESURFACING - TITLE SHEET

City of Massillon, Ohio
Francis H. Cicchinelli, Jr.
Mayor

1

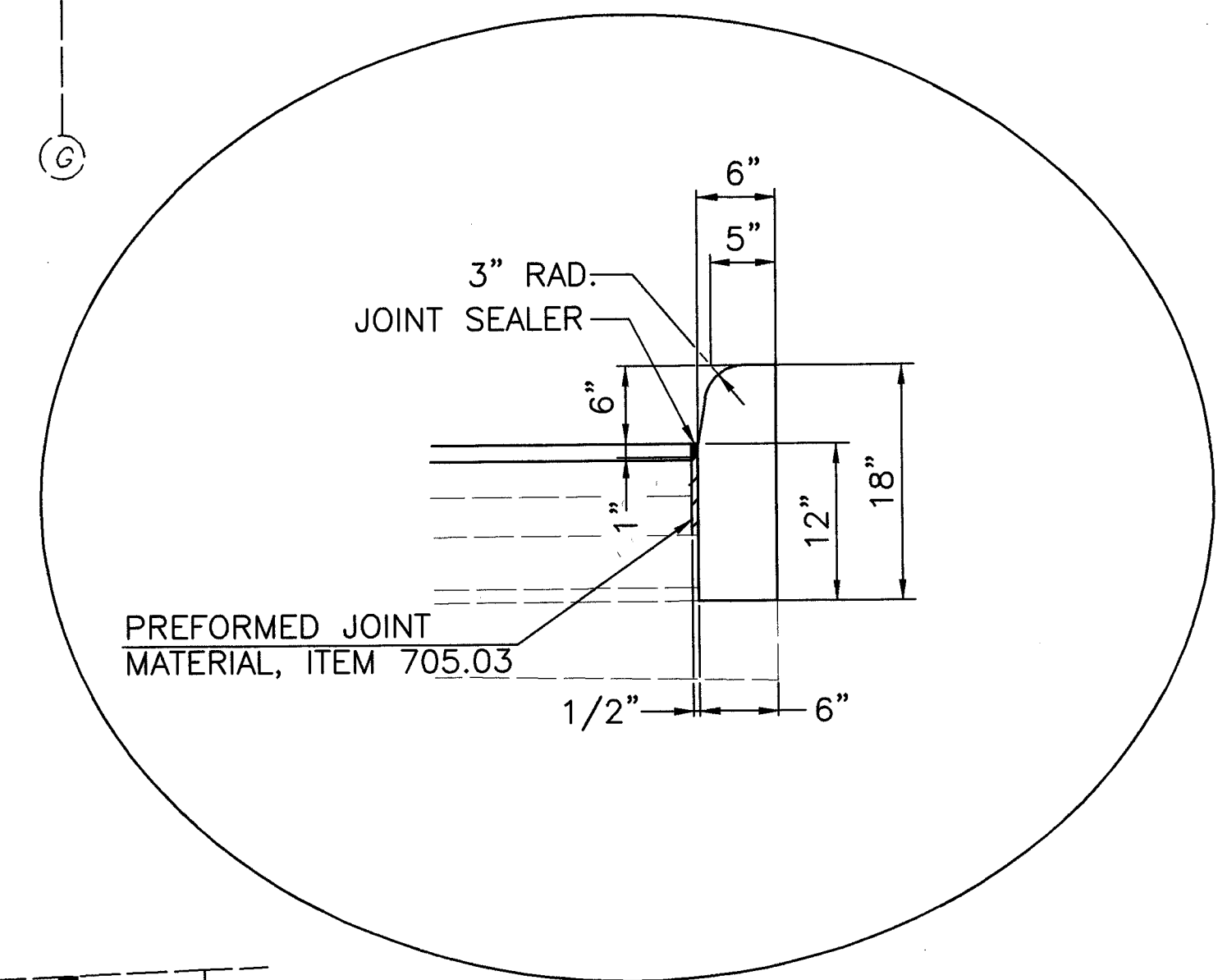


EXISTING TYPICAL SECTION

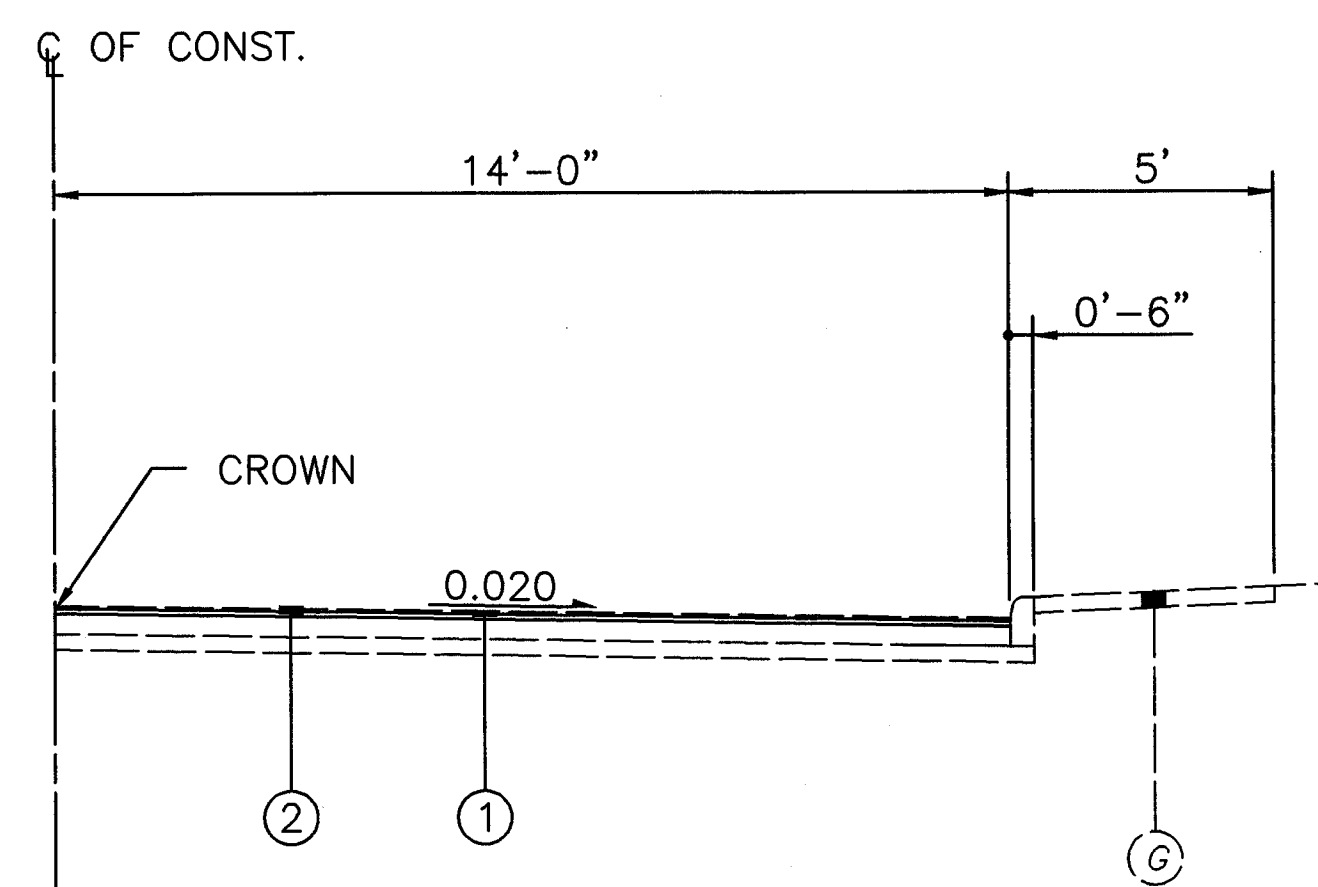


PROPOSED RESURFACING TYPICAL SECTION - LINCOLN WAY EAST

STA. 404+00.00 TO STA. 463+00.00 = 5,900 L.F.

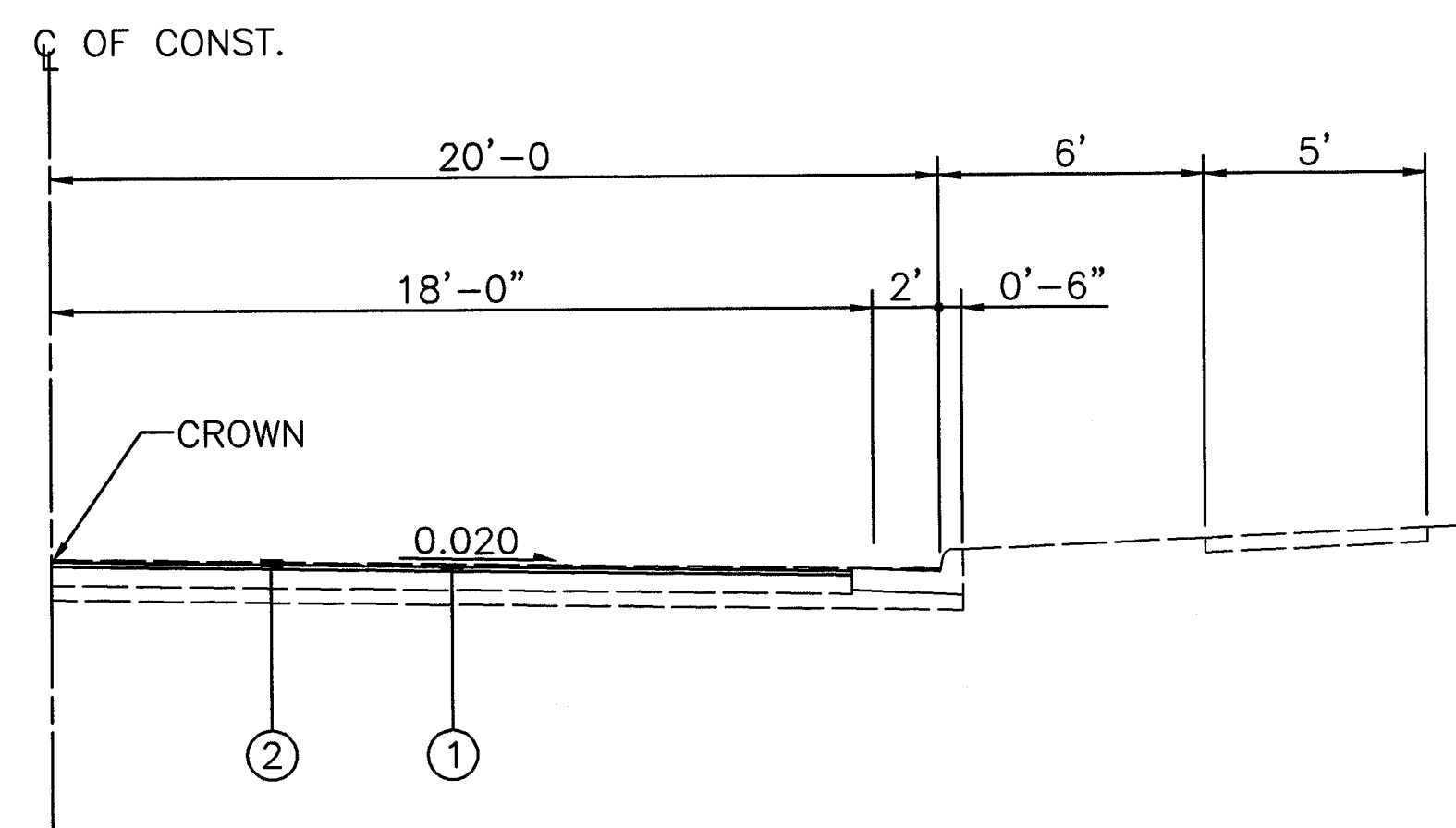


DETAIL A-A



PROPOSED RESURFACING TYPICAL SECTION - 16th. STREET N.E. SYMMETRICAL

STA. 10+31 TO STA. 12+00 = 169 L.F.



PROPOSED RESURFACING TYPICAL SECTION - 23rd. STREET N.E. SYMMETRICAL

STA. 9+81 TO STA. 11+00 = 119 L.F.

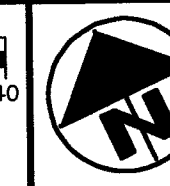
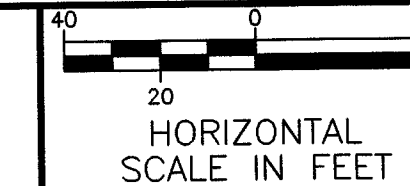
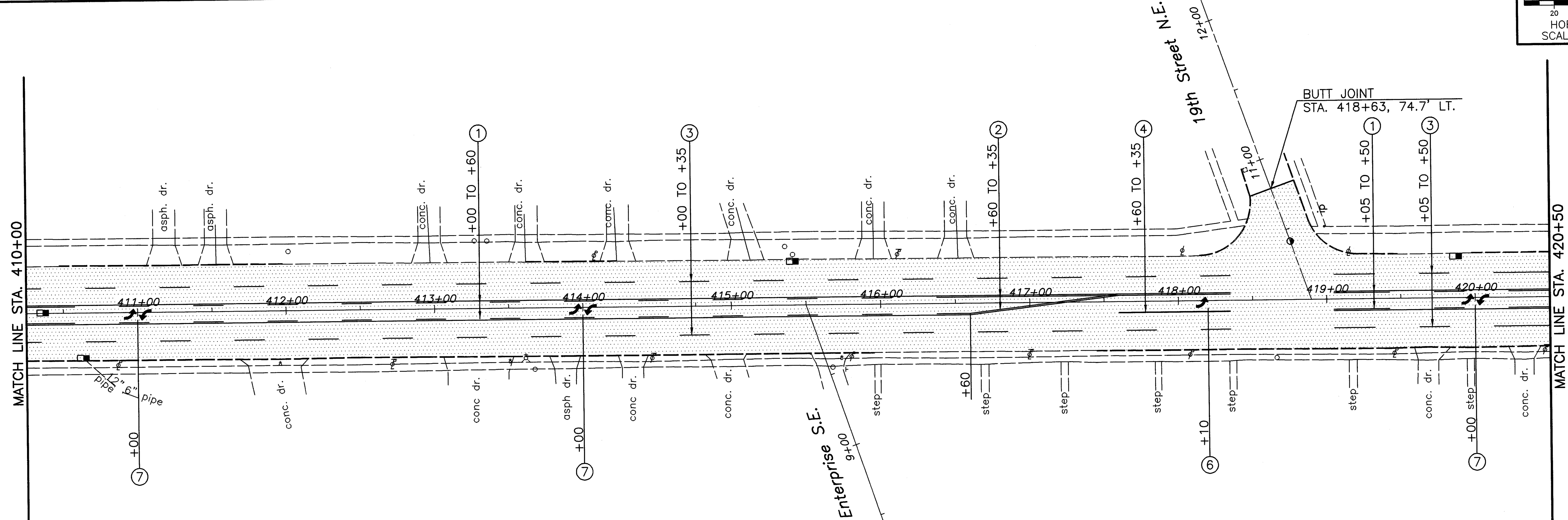
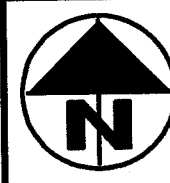
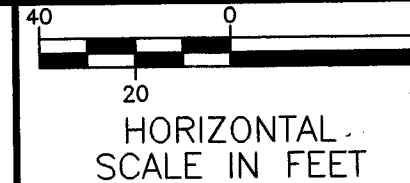
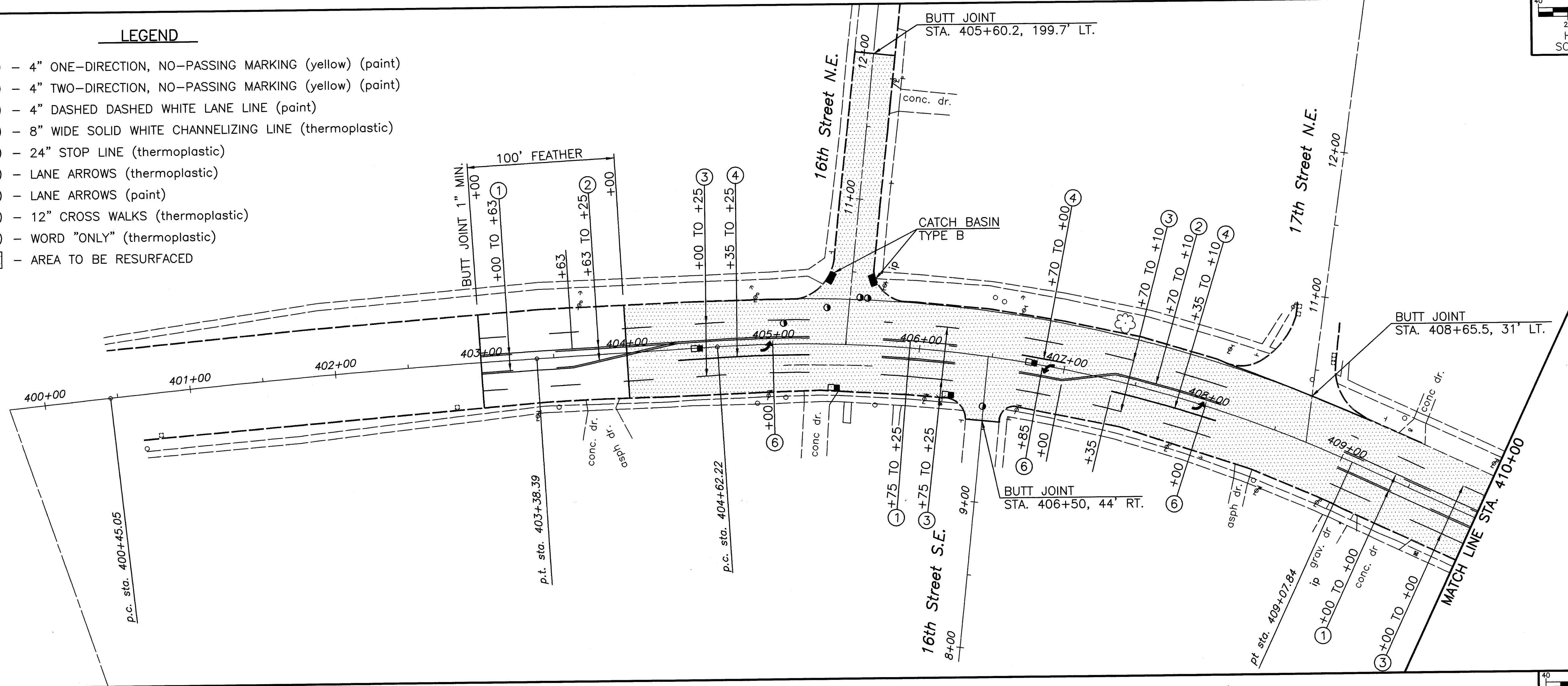
EXISTING LEGEND

- (A) ASPHALT
- (B) 4" REPPRESSED BRICK-BITUMINOUS FILLER
- (C) 1" SAND BED
- (D) 6" CONCRETE
- (E) 9" WATER BOUND MACADAM
- (F) EXISTING CURB
- (G) CONCRETE WALK

PROPOSED LEGEND

- (1) ITEM 254-2" PAVEMENT PLANNING
- (2) ITEM 404-1 1/2" ASPHALT SURFACE W/ 3% LATEX
- (3) ITEM 201-CLEARING AND GRUBBING
- (4) ITEM 609-CAST IN PLACE CONCRETE CURB-6" x 18"
- (5) ITEM 407-TACK COAT

- LEGEND**
- ① - 4" ONE-DIRECTION, NO-PASSING MARKING (yellow) (point)
 - ② - 4" TWO-DIRECTION, NO-PASSING MARKING (yellow) (point)
 - ③ - 4" DASHED DASHED WHITE LANE LINE (point)
 - ④ - 8" WIDE SOLID WHITE CHANNELIZING LINE (thermoplastic)
 - ⑤ - 24" STOP LINE (thermoplastic)
 - ⑥ - LANE ARROWS (thermoplastic)
 - ⑦ - LANE ARROWS (point)
 - ⑧ - 12" CROSS WALKS (thermoplastic)
 - ⑨ - WORD "ONLY" (thermoplastic)
 - ▨ - AREA TO BE RESURFACED



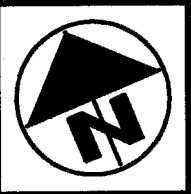
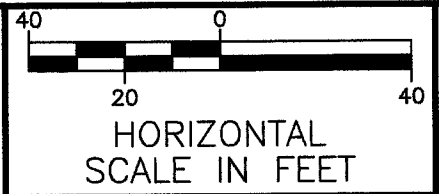
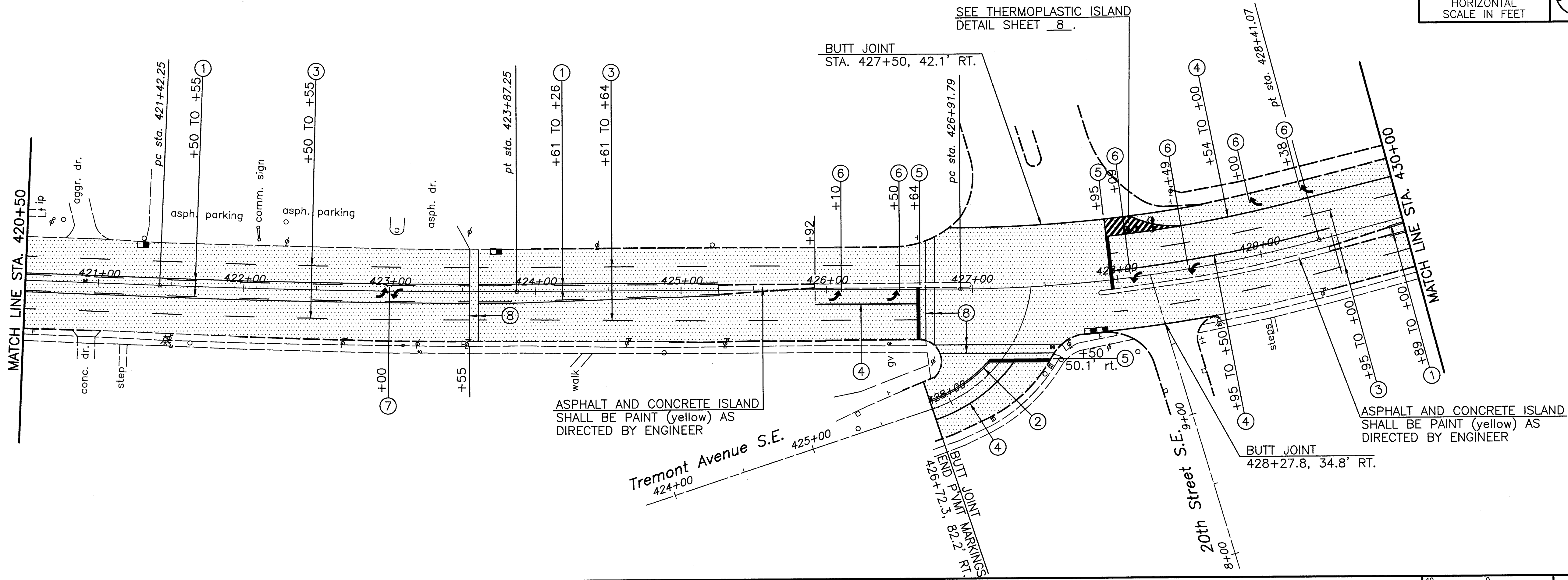
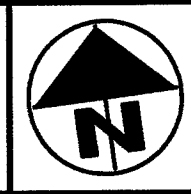
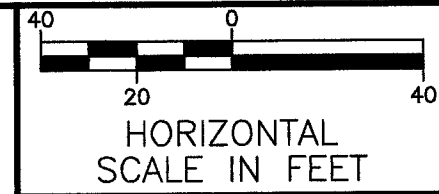
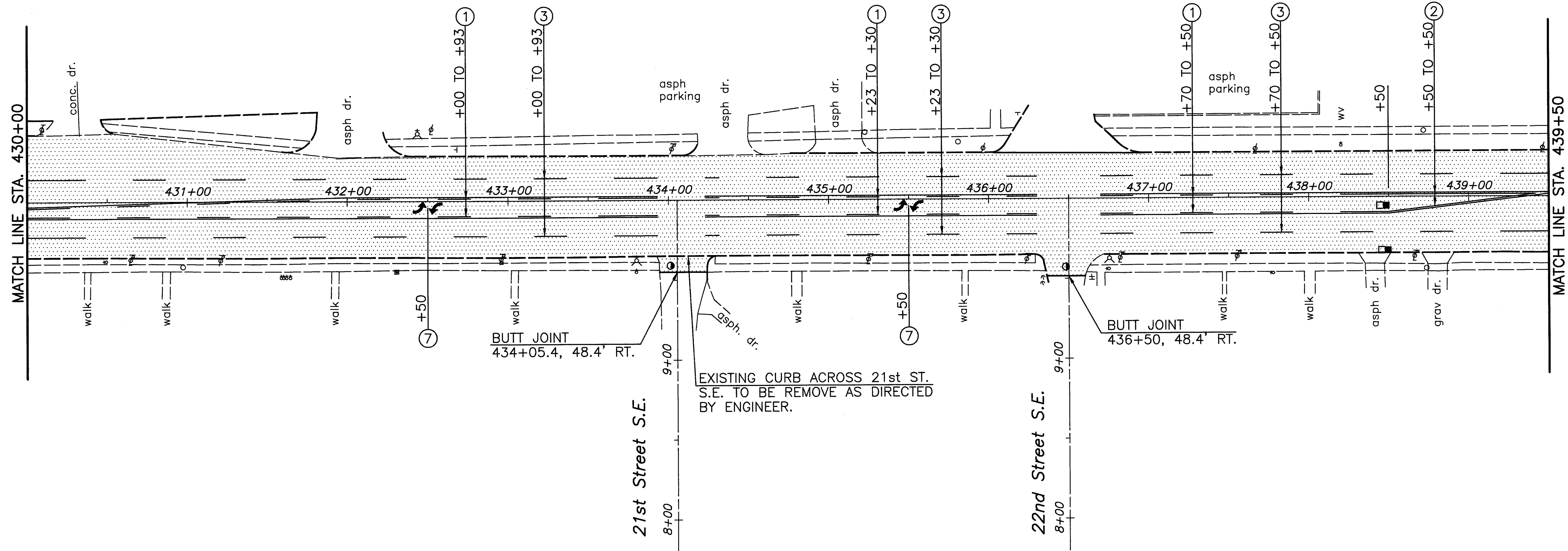
LINCOLN WAY EAST - PLAN
 STA. 400+00 TO STA. 420+50
 City of Massillon
 Stark County, Ohio

City of Massillon, Ohio
 Francis H. Cicchinelli, Jr.
 Mayor

DRAWN BY
 F. Werner
DATE
 Aug. 04, 1997

ELECTRONIC FILE NAME
 LWEGPA.DWG
ACCOUNT NUMBER
 P-362

THE CITY OF MASSILLON, OHIO
 DEPARTMENT OF PUBLIC WORKS
 100 N. MAIN ST.
 MASSILLON, OHIO 44860



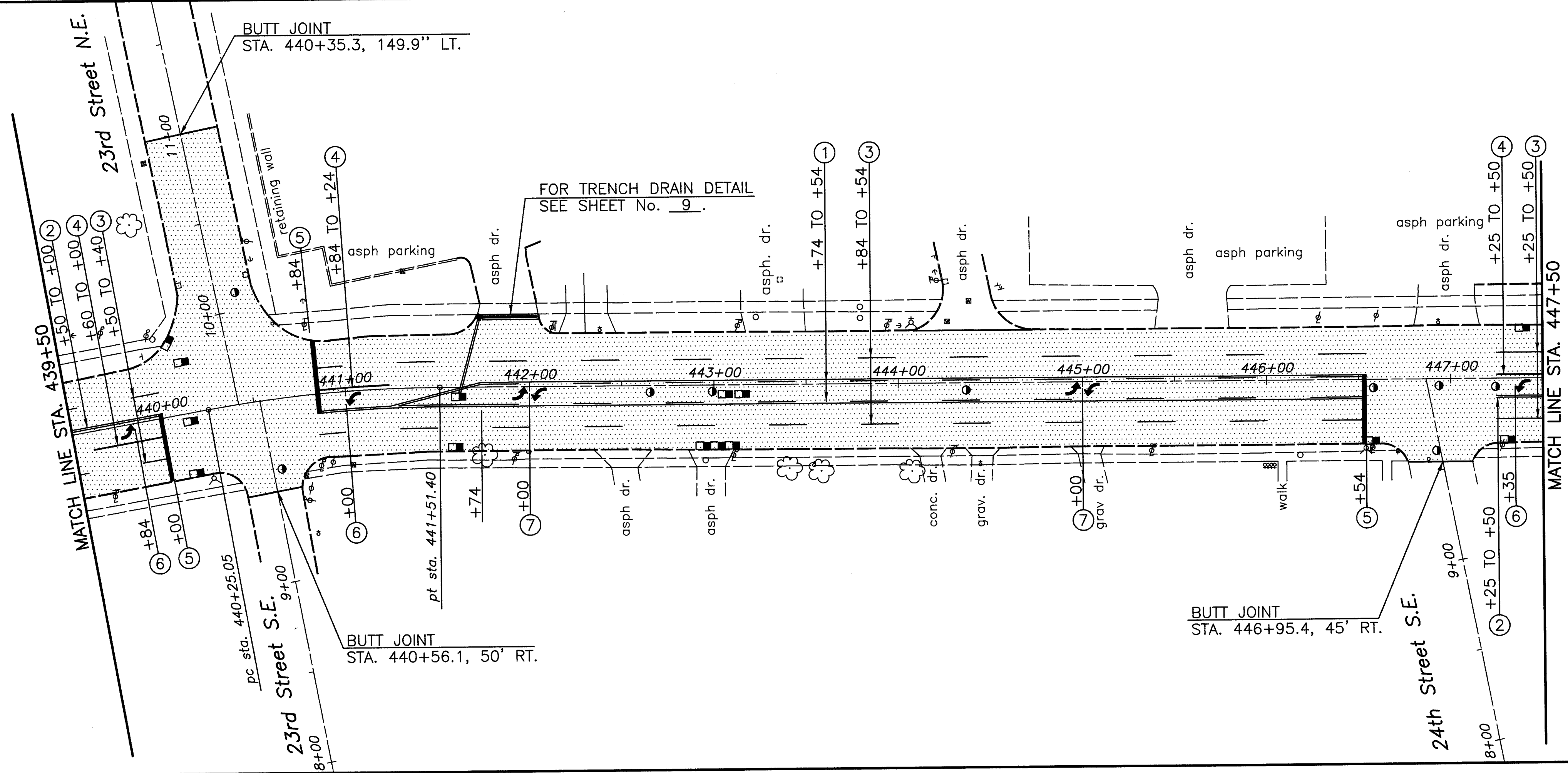
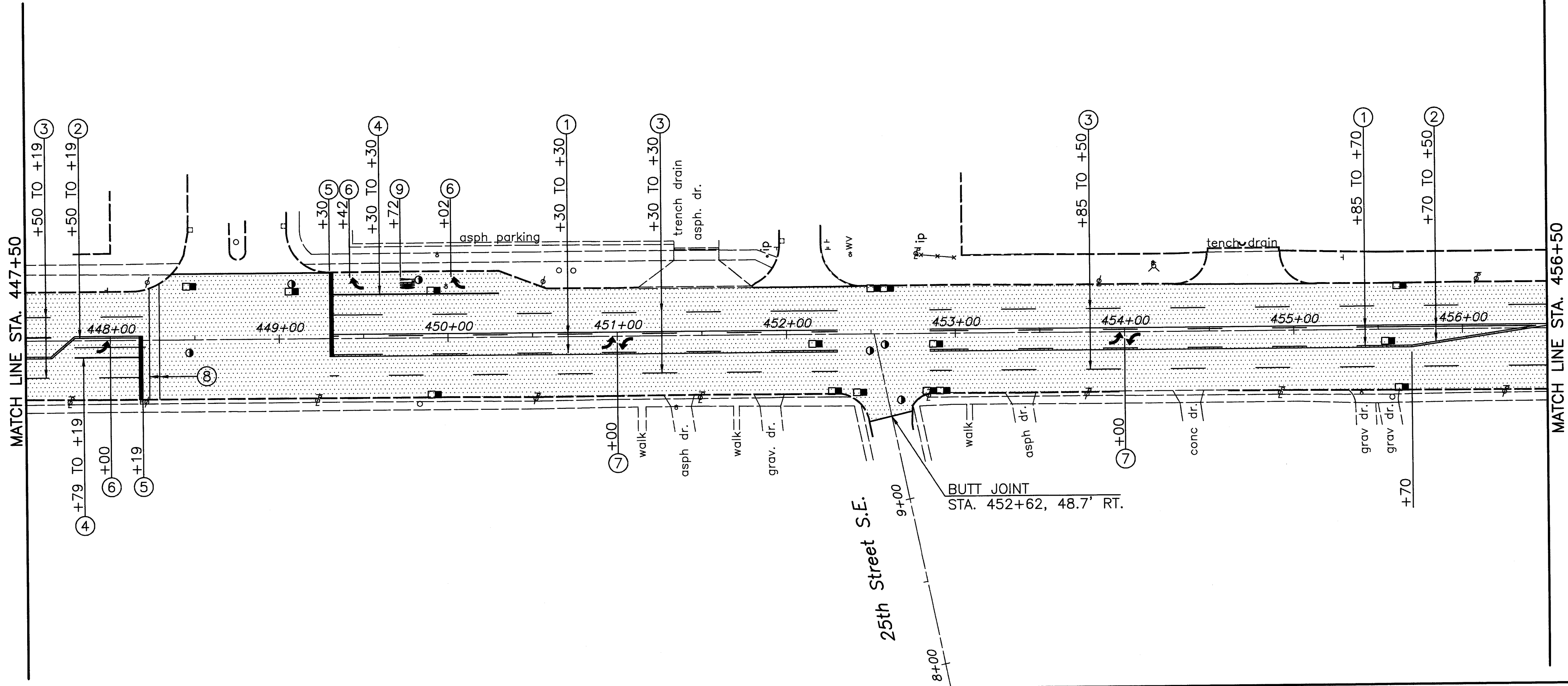
LINCOLN WAY EAST - PLAN
STA. 420+50 TO STA. 439+50
City of Massillon,
Stark County, Ohio

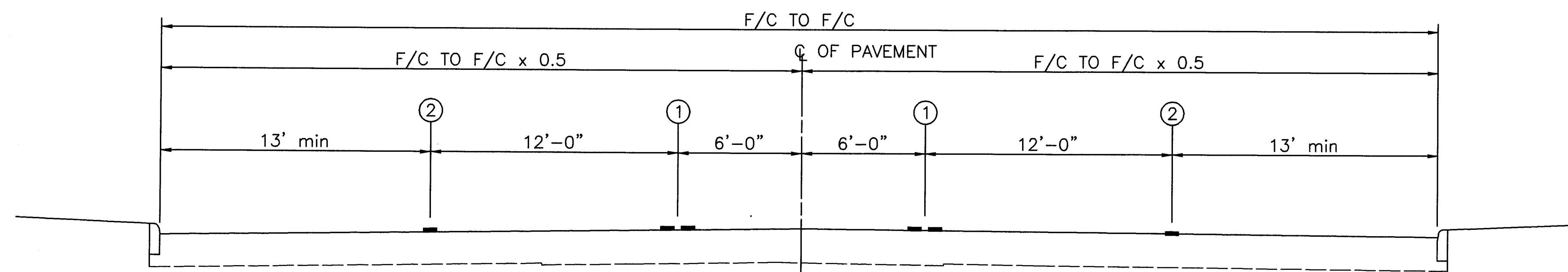
City of Massillon, Ohio
Francis H. Cicchinelli, Jr.
Mayor

DRAWN BY
F. Werner
DATE
Aug. 04, 1997

ELECTRONIC FILE NAME:
LWECPS.DWG
ACCOUNT NUMBER
P-362

THE CITY OF MASSILLON, OHIO
OFFICE OF THE CITY ENGINEER
1111 N. WALTON ST.
MASSILLON, OHIO 44864-1000

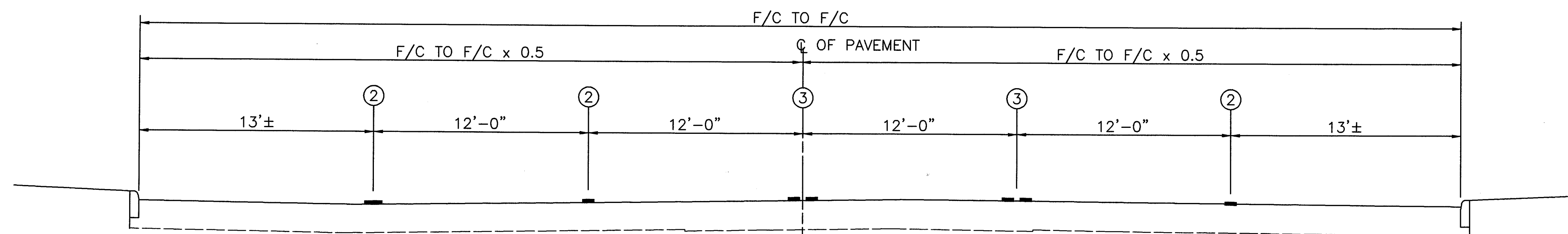




PROPOSED PAVEMENT MARKINGS TYPICAL SECTION - 5-LANE LINCOLN WAY EAST

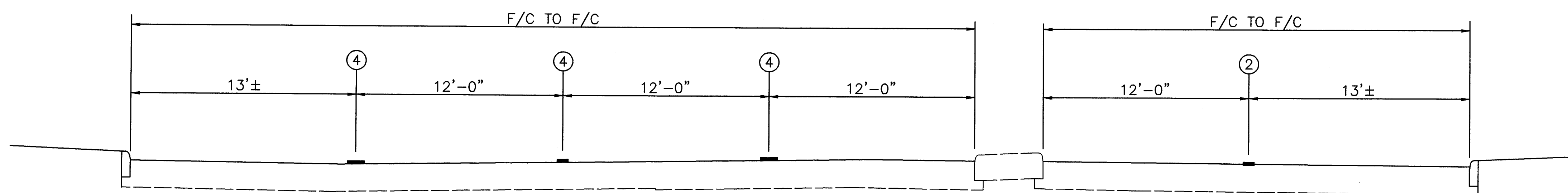
STA. 403+00 TO STA. 403+63
STA. 405+75 TO STA. 406+25
STA. 409+00 TO STA. 416+60
STA. 419+05 TO STA. 425+26
STA. 429+89 TO STA. 433+93

STA. 434+23 TO STA. 436+30
STA. 436+70 TO STA. 438+50
STA. 441+74 TO STA. 446+54
STA. 450+50 TO STA. 452+30
STA. 452+85 TO STA. 455+70



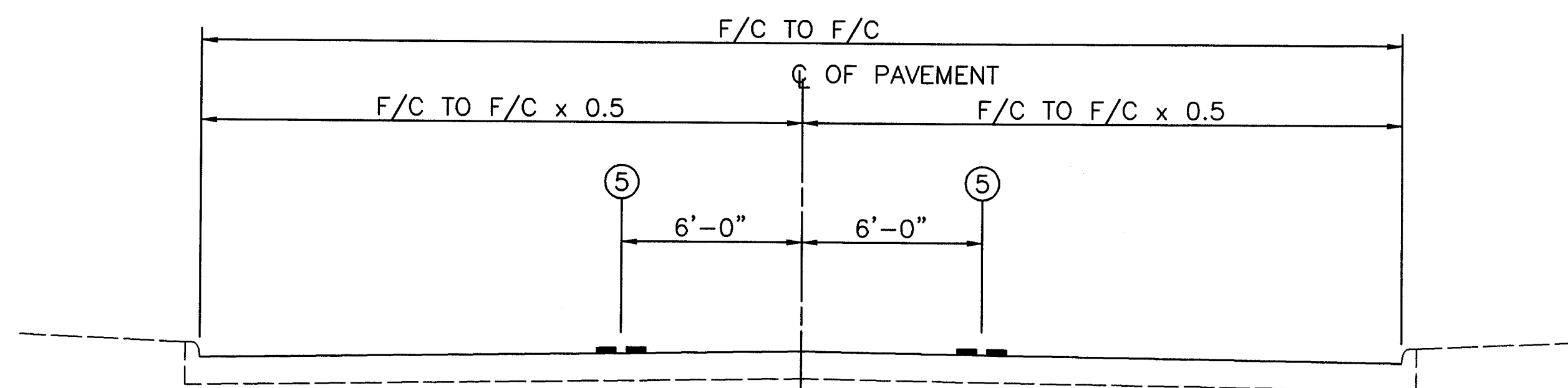
PROPOSED PAVEMENT MARKINGS TYPICAL SECTION - 6-LANE LINCOLN WAY EAST

STA. 449+30 TO STA. 450+30

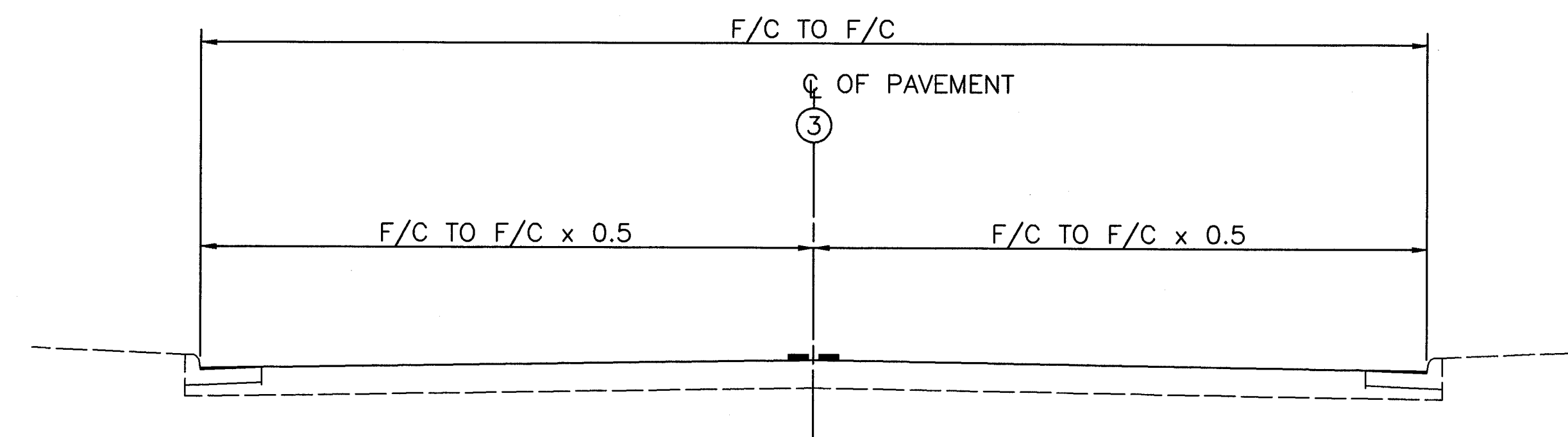


PROPOSED PAVEMENT MARKINGS TYPICAL SECTION - 6-LANE W/ ISLAND LINCOLN WAY EAST

STA. 427+95 TO STA. 429+50
STA. 425+92 TO STA. 426+64 (MIRROR)



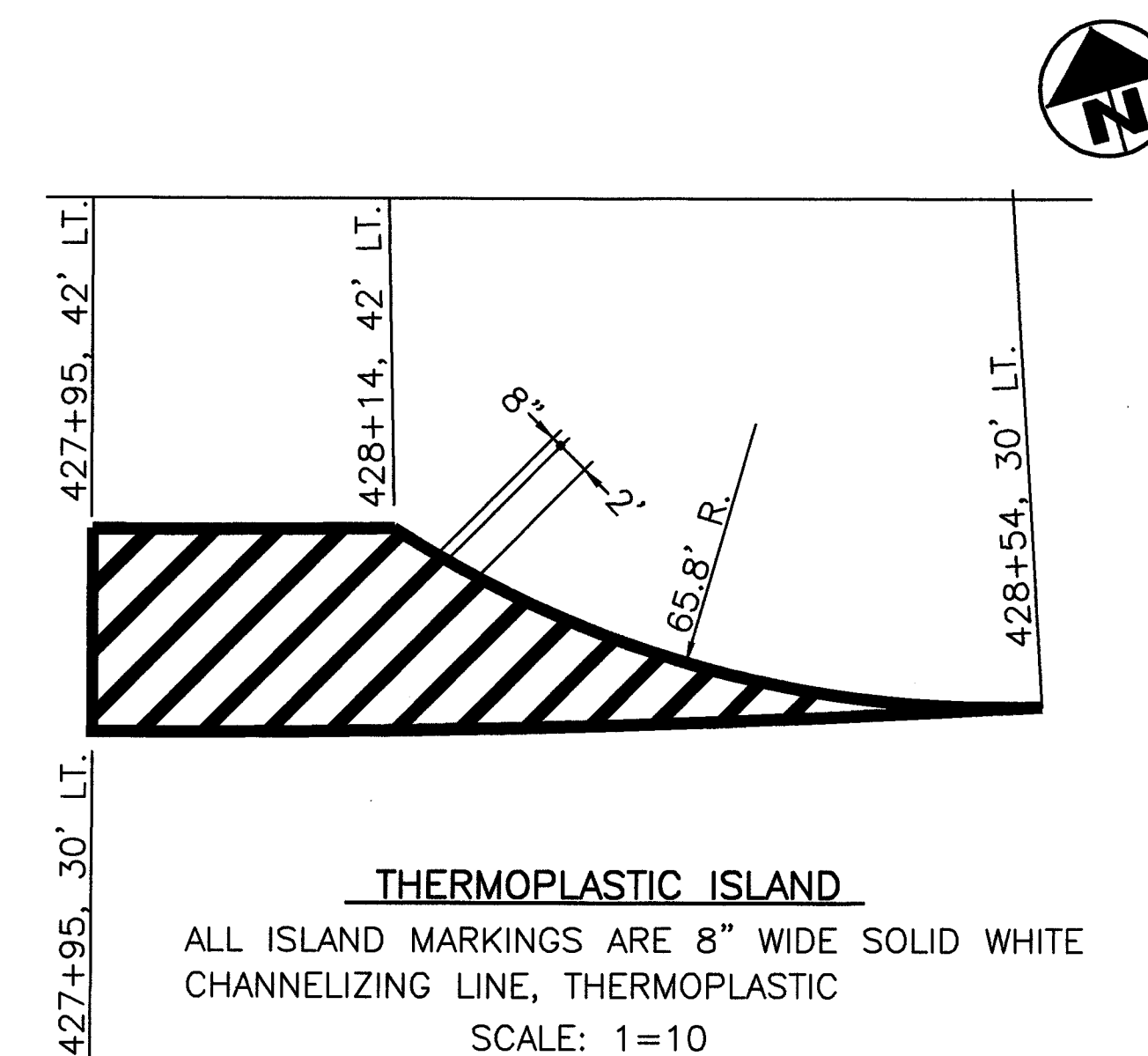
PROPOSED PAVEMENT MARKING TYPICAL SECTION - 3-LANE SIDE ROADWAY



PROPOSED PAVEMENT MARKING TYPICAL SECTION - 2-LANE SIDE ROADWAY

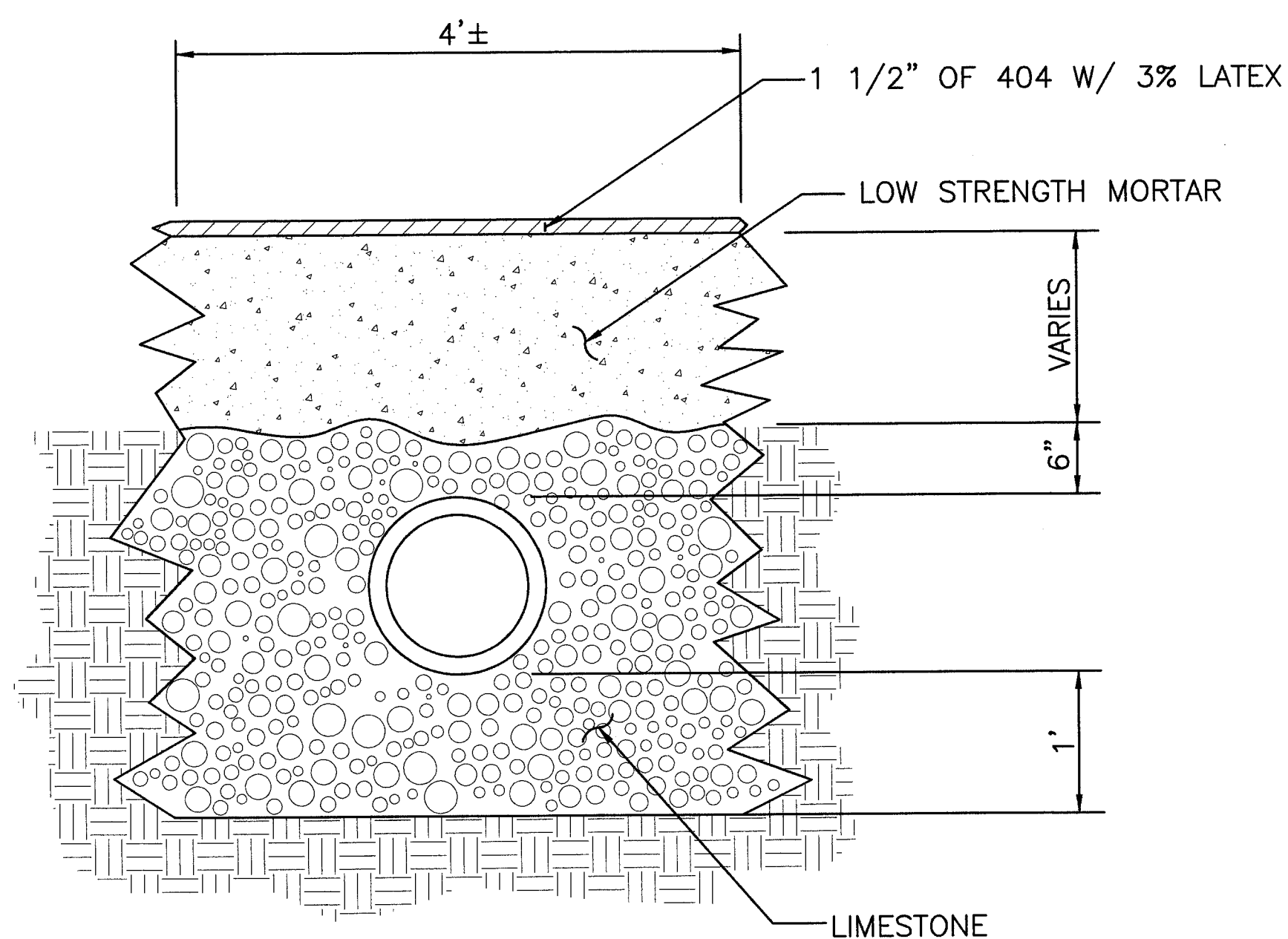
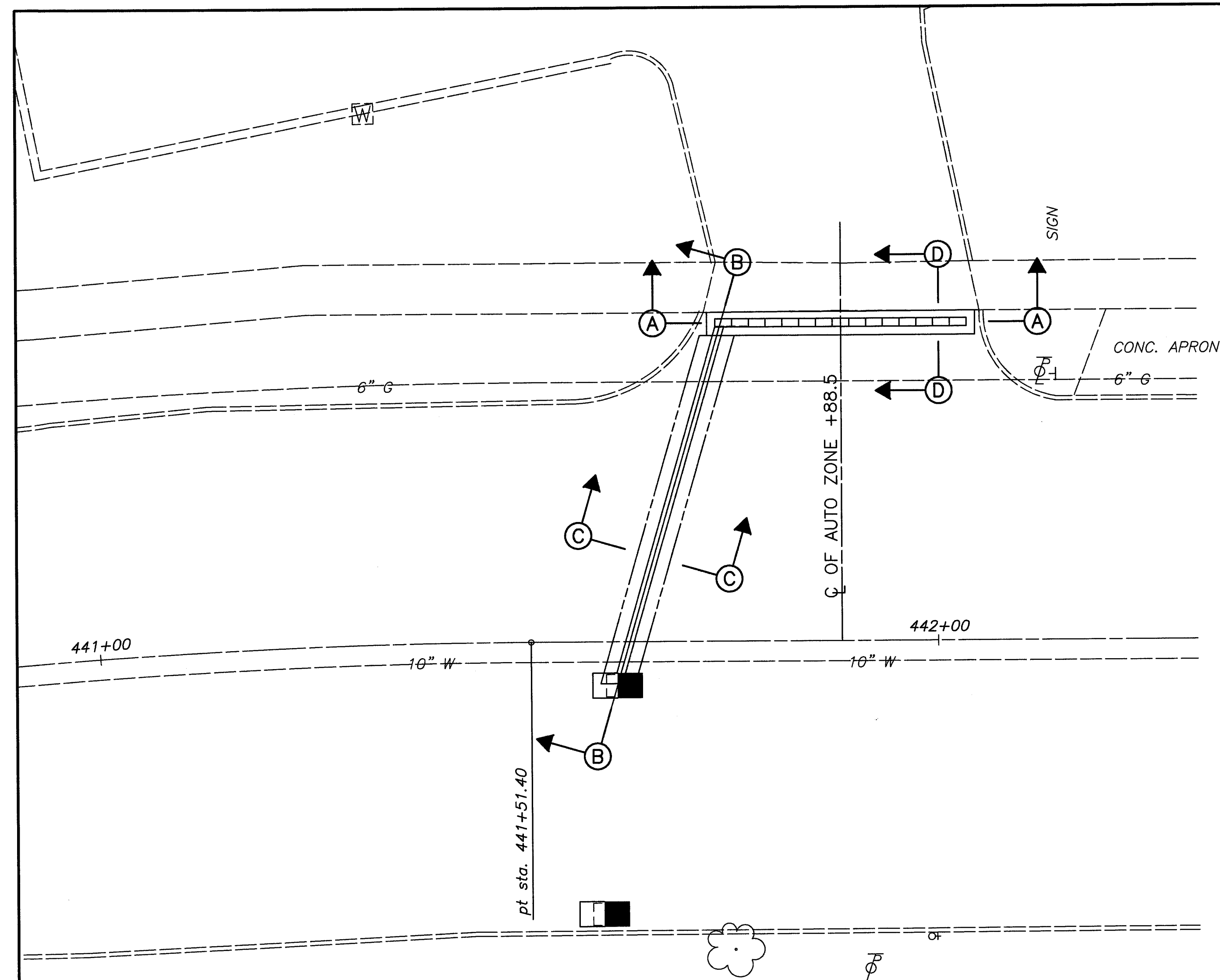
PROPOSED LEGEND

- ① ONE-DIRECTIONAL, NO-PASSING MARKING (yellow) PAINT
- ② DASHED WHITE LANE LINE, PAINT
- ③ TWO-DIRECTION, NO-PASSING MARKING (yellow), PAINT
- ④ 8" WIDE SOLID WHITE CHANNELIZING LINE, THERMOPLASTIC
- ⑤ TWO-DIRECTION, NO-PASSING MARKING (yellow) PAINT OR DASHED WHITE LANE LINE THERMOPLASTIC ACCORDING TO PLAN

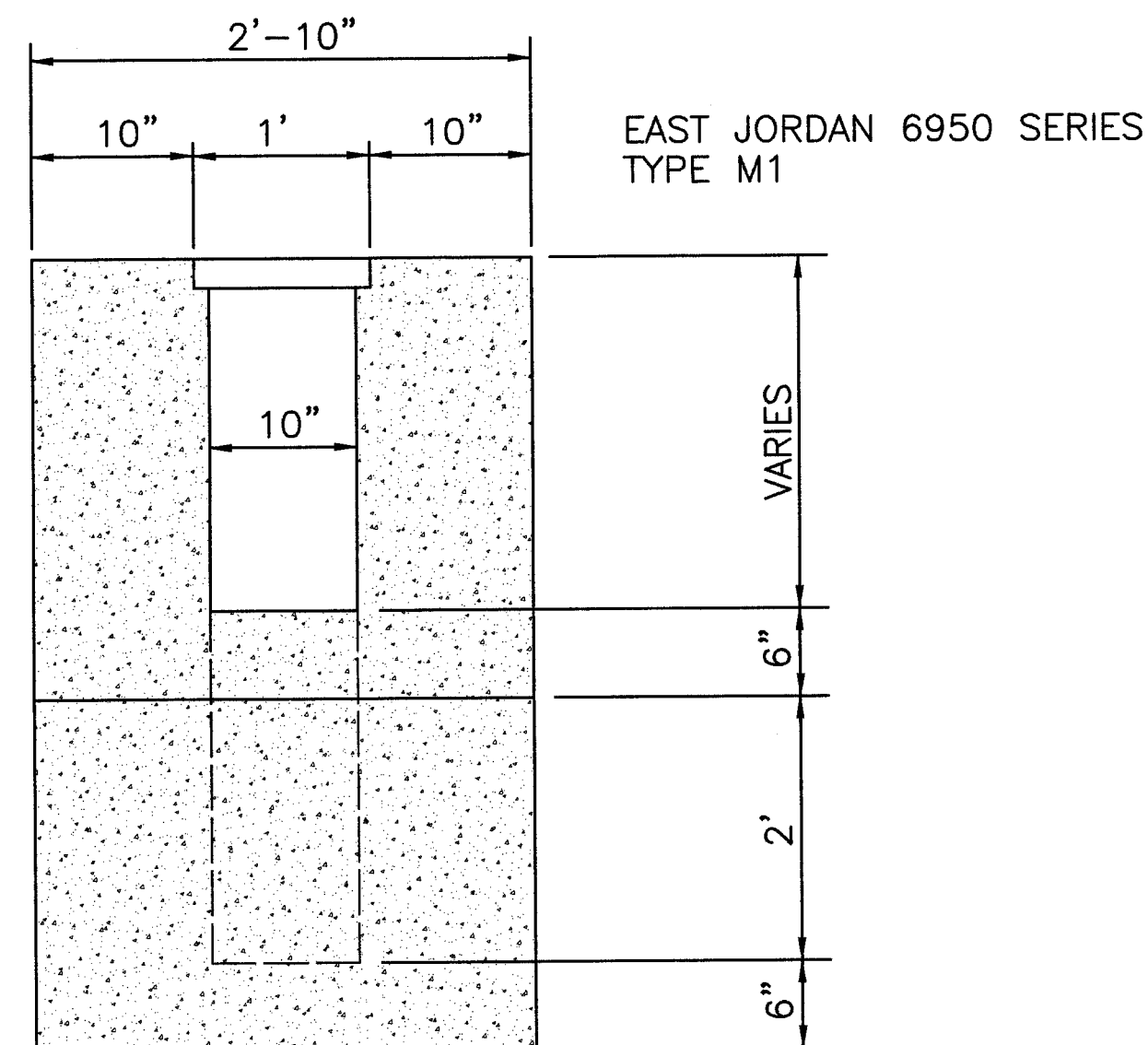


THERMOPLASTIC ISLAND

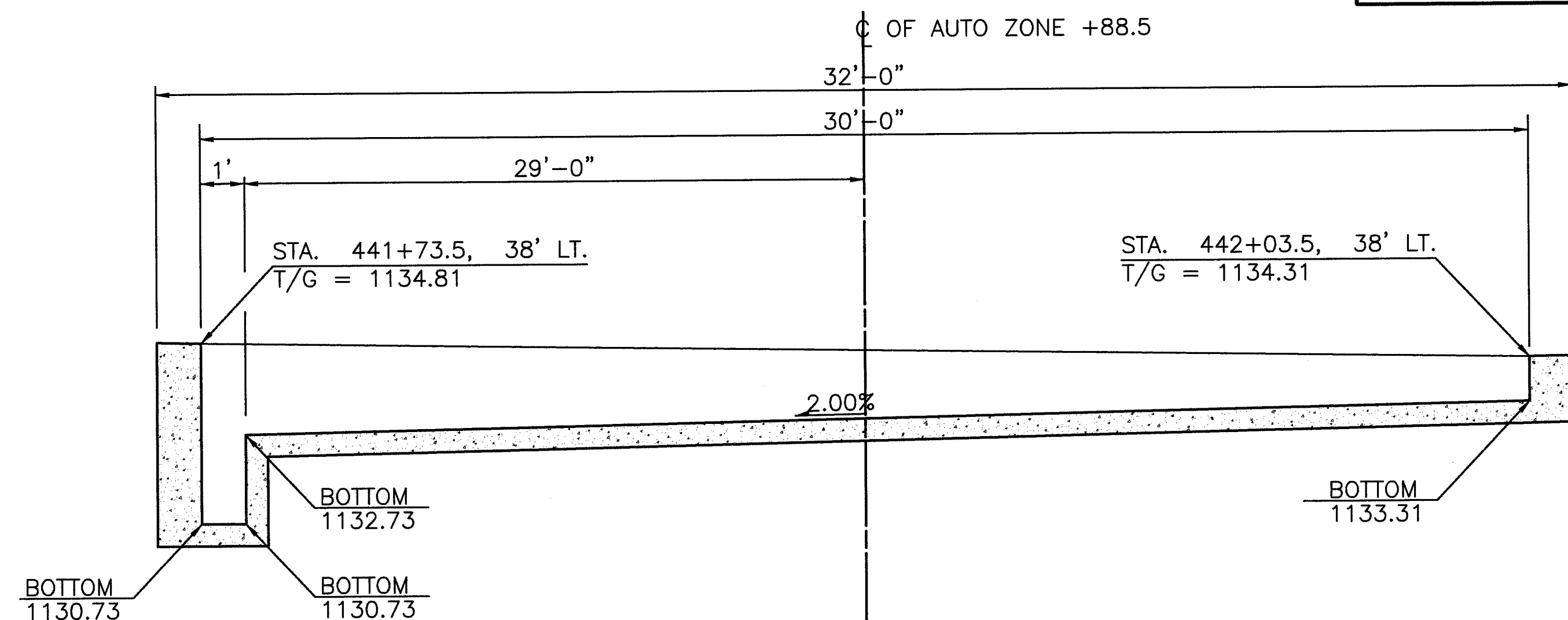
ALL ISLAND MARKINGS ARE 8" WIDE SOLID WHITE CHANNELIZING LINE, THERMOPLASTIC
SCALE: 1=10



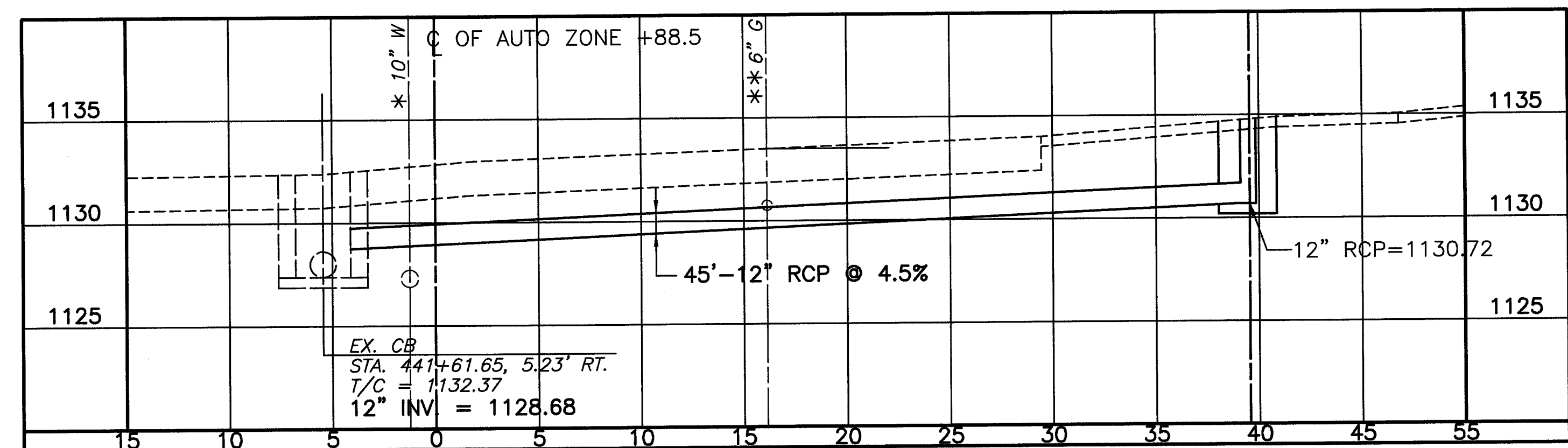
SECTION C-C
SCALE: 1=1



SECTION D-D
SCALE: 1=1
(SEE NOTE THIS PAGE)



SECTION A-A
NOT TO SCALE



SECTION B-B
SCALE: 1=5

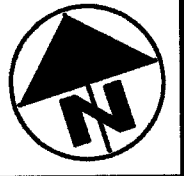
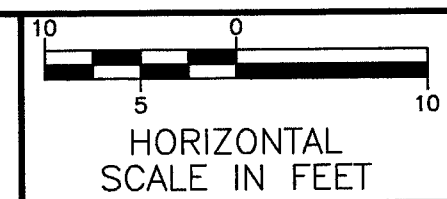
LEGEND:

- * - ASSUMED DEPTH OF 10" WATER LINE 4' TO 5' OF COVER OVER TOP OF PIPE
- ** - ASSUMED DEPTH OF 6" GAS LINE 2 1/2' TO 3' OF COVER OVER TOP OF PIPE

NOTE:

THE CONTRACTOR IS TO PROVIDE SHOP DRAWINGS FOR THE TRENCH DRAIN TO APPROVED BY THE CITY OF MASSILLON ENGINEER. SAID SHOP DRAWING SHOULD INCLUDE A REBAR SCHEDULE, THICKNESS OF WALLS AND BOTTOM ALONG WITH A STATE OF OHIO REGISTERED PROFESSIONAL ENGINEER STAMP.

THE GRATE SPECIFIED IS AN EAST JORDAN 6950 SERIES TYPE M1 AN OTHER GRATE MAYBE USED BUT MUST ACCOMPANY SHOP DRAWING AT TIME OF SUBMITTED.



THE CITY OF MASSILLON, OHIO
City of Massillon, Ohio
Francis H. Cicchinelli, Jr.
Mayor

ELECTRONIC FILE NAME: LWCDA.DWG
DRAWN BY: F. Werner
DATE: Aug. 04, 1997
ACCOUNT NUMBER: P-362

LINCOLN WAY EAST - TRENCH DRAIN DETAILS
STA. 400+00 TO STA. 420+00
City of Massillon,
Stark County, Ohio

City of Massillon, Ohio
Francis H. Cicchinelli, Jr.
Mayor