

CITY OF MASSILLON
CITY ENGINEER DEPARTMENT
STARK COUNTY, OHIO
Canal View Street Scape Plans

PROJECT DESCRIPTION

RESURFACING OF EXISTING PAVEMENT WITH
NEW SIDEWALK AND NEW CURB. REPLACEMENT
OF THE STREET LIGHTING AND TRAFFIC CONTROL
DEVICES.

DESIGN DESIGNATION

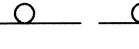
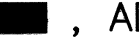
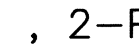
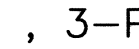
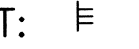
CURRENT ADT (1999) _____ N/A
DESIGN YEAR ADT (2019) _____ N/A
DESIGN HOURLY VOLUME (2019) _____ N/A
DIRECTIONAL DISTRIBUTION _____ N/A
TRUCKS (24 HOUR B&C) _____ N/A
DESIGN SPEED _____ 25 MPH
LEGAL SPEED _____ 25 MPH

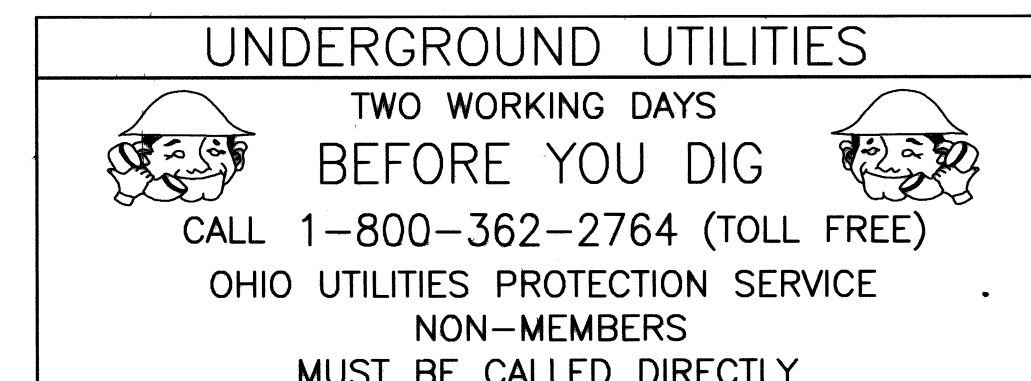
DESIGN FUNCTIONAL CLASSIFICATION - N/A

DESIGN EXCEPTION

NONE

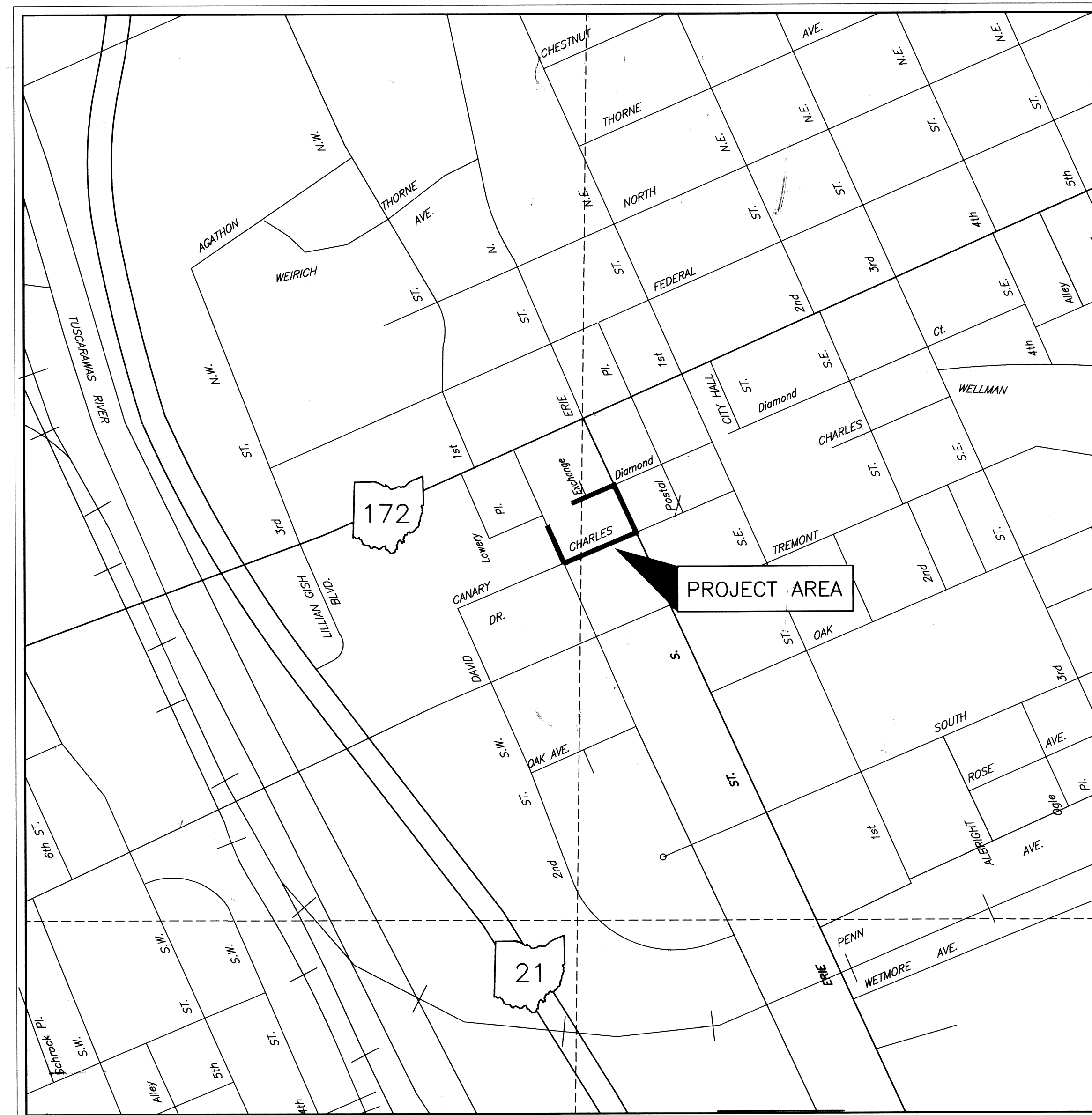
CONVENTIONAL SIGNS

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. CICCINELLI, JR.

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APPROVALS

DIRECTOR OF PUBLIC SAFETY AND SERVICE ALAN W. CLIMER

DATE

James J. Benekos
CITY ENGINEER

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

4/18/22
DATE

OFFICIALS

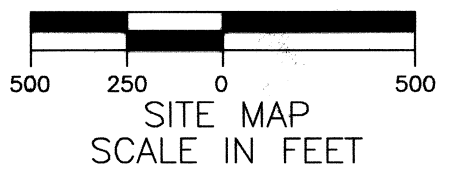
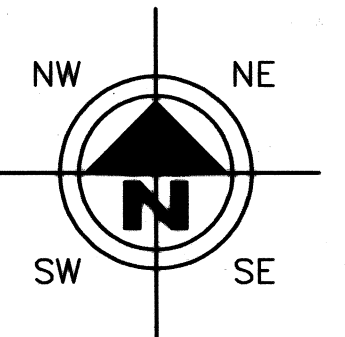
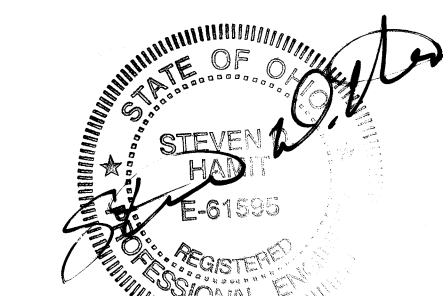
FRANCIS H. CICCINELLI, Jr. MAYOR
ALAN W. CLIMER DIRECTOR OF PUBLIC SAFETY AND SERVICE
JAMES J. BENEKOS, P.E., P.S. CITY ENGINEER
JOE ULRICH WASTE WATER TREATMENT PLANT MANAGER
JOHN D. FERRERO JR. LAW DIRECTOR/PROSECUTOR
DOLORES B. LOOMIS AUDITOR
BILL H. HAMIT TREASURER
SHARON K. HOWELL CLERK OF COUNCIL

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: FPW	CHECKED BY: SDH
DATE: Aug. 25, 1999	DATE: Aug. 26, 1999

Canal View Street Scape Plans

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:
99GM0101.DWG

ACCOUNT NUMBER
99GM01

UTILITIES

LISTED BELOW ARE ALL KNOWN UTILITIES LOCATED WITHIN THE CITY CORPORATION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

AMERITECH 50 W.BOWERY, 6TH FLOOR AKRON, OH 44308 800-290-2242 RICK MARSILI	CONSUMER OHIO WATER COMPANY P.O. BOX 584 MASSILLON, OH 44648 (330) 833-4156	OHIO EDISON STARK DIVISION 2600 S. ERIE ST. MASSILLON, OH 44545 (330) 833-3141
MB OPERATING P.O. BOX 21310 CANTON, OH 44701-1310 (330) 456-2454	AT&T COMMUNICATIONS 2535 E. 40TH AVE. DENVER, CO 80205-3601 (800) 852-3786	MASSILLON CABLE TV P.O. BOX 814 MASSILLON, OH 44648 (330) 8334134
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 (330) 478-3142 NANCY KOVACH	NORTHEAST OHIO NATURAL GAS CORP. 1425 N. WOOSTER AVE. STRASBURG, OH 44680-9766 (330) 878-5589

THE CONTRACTOR SHALL NOTIFY ALL UTILITIES 48 HOURS PRIOR TO ANY WORK.

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

OUPS - 1-800-362-2764

DATUM ELEVATION

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

STATIONING

ALL STATIONING SHOWN IS REFERENCED TO THE BASELINE AS SHOWN.

ITEM 623. CONSTRUCTION STAKING

CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND UPON COMPLETION OF PROJECT AS-BUILT DRAWINGS ARE REQUIRED.

THIS WORK SHALL INCLUDE ALL LABOR AND MATERIALS.

THIS WORK IS TO BE UNDER ITEM 623 CONSTRUCTION STAKING.

ITEM 609. CAST IN PLACE 6”X18” CONCRETE CURB

GRANULAR BEDDING, BACKFILLING AND CONCRETE CURB PLACEMENT ALONG WITH ALL APPURTENANCES IS TO BE INCLUDED IN ITEM 609.

ITEM 207 TEMPORARY SOIL EROSION CONTROL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL AND SHALL MEET THE REQUIREMENTS OF 108.04.

ITEM 604. CATCH BASIN NO. 3. 3A

CATCH BASINS SHALL BE CONSTRUCTED IN CONFORMANCE WITH ITEM 604 EXCEPT THAT THE GRATES SHALL BE NEENAH NO. R-3289-C OR EAST JORDAN NO. 7350 OR APPROVED EQUALS. (UNLESS OTHERWISE SPECIFIED HERE IN)

ITEM 604. INLET SPECIAL

SAID ITEM SHALL BE INSTALLED PER MANUFACTURE’S INSTRUCTIONS AND TO THE SATISFACTION OF THE ENGINEER. AS TO INSURE POSITIVE DRAINAGE. (NEENAH – R-3305 OR EAST JORDON No. 7500 OR APPROVED EQUALS)

ITEM 604. TRENCH DRAIN

SAID ITEM SHALL BE INSTALLED PER MANUFACTURE’S INSTRUCTIONS AND TO THE SATISFACTION OF THE ENGINEER. AS TO INSURE POSITIVE DRAINAGE. (CHANNEL ABT INC. PART No. 850 W/GRATE ABT PART No. 854 OR APPROVED EQUALS)

ITEM 604. MANHOLE ADJUSTED TO GRADE

ALL MANHOLES WITH IN PROJECT LIMITS SHALL BE ADJUSTED TO GRADE WITH THE USE OF MORTAR AND NEW CASTING WITH LIDS AS PER SPECIFICATIONS.

CROSSING OR CONNECTING TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 603 CONDUIT ITEM.

MANHOLES, CATCH BASINS, INLETS AND PIPES REMOVED OR ABANDONED

ALL CASTING AND PIPES SHALL BE CAREFULLY REMOVED AND STORED WITHIN THE RIGHT-OF-WAY FOR SALVAGE BY THE CITY. CONTACT THE CITY OF MASSILLON STREET SUPERINTENDENT – MARK LIGHTFOOT AT 330-833-5746.

PAYMENT FOR ALL OF THE ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 202 ITEM.

ITEM 407. TACK COAT

THE RATE OF APPLICATION OF THE 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.08 GALLONS PER SQUARE YARD OF TACK COAT FOR ESTIMATING PURPOSES ONLY.

ITEM 408. BITUMINOUS PRIME COAT

THE RATE OF APPLICATION OF THE 408 PRIME COAT SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.40 GALLONS PER SQUARE YARD OF PRIME COAT FOR ESTIMATING PURPOSES ONLY.

ITEM SPEC. DECORATIVE LANDSCAPE WALL

DECORATIVE LANDSCAPE WALL TYPE SHALL BE APPROVED BY THE ENGINEER BEFORE CONSTRUCTION.

THE CONTRACTOR SHALL PERFORM WORK AS PER MANUFACTURERS SUGGESTED INSTALLATION.

ALL MATERIALS AND LABOR SHALL BE IN LUMP SUM BID.

THIS WORK SHALL BE PAID UNDER ITEM SPEC. DECORATIVE LANDSCAPE WALL

REVIEW OF SANITARY AND DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY OF MASSILLON AND THE CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES, 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 INSPECTION SHALL BE KEPT IN WRITING BY THE CITY OF MASSILLON.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION TESTED AND VIDEO TAPED INTERNALLY BEFORE THE PROJECT WILL BE ACCEPTED BY THE CITY OF MASSILLON.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR’S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 603 CONDUIT ITEMS.

NOTIFICATION OF SAFETY FORCES

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

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 TO BE COMPLETED. SATISFACTORY PROVISIONS

SHALL BE MADE FOR STREET DRAINAGE, AND NATURAL WATERCOURSES SHALL NOT TO BE 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 SPECIFICATIONS. ALONG WITH A LETTER FROM THE PROPOSED WASTE SITE OWNER PERMITTING SUCH AND HOLDING THE CITY HARMLESS.

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 THE CONTRACTORS EXPENSE.

SUBSURFACE CONDITIONS

IT IS THE OBLIGATION AND RESPONSIBILITY OF THE BIDDER TO MAKE HIS OWN INVESTIGATIONS OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL. THE BIDDER MAY EXAMINE THE RECORDS OF ALL BORINGS, TEST EXCAVATIONS AND OTHER SUBSURFACE INVESTIGATIONS, IF ANY, MADE SOLELY FOR DESIGN PURPOSES FOR THE OWNER. SAID BORINGS, TEST EXCAVATIONS AND OTHER SUBSURFACE INVESTIGATIONS, ARE NOT A PART OF THE CONTRACT DOCUMENTS, EXCEPT TO THE EXTENT THAT THE RESULTS THEREOF ARE SPECIFICALLY SHOWN ON THE PLANS OR INCLUDED IN THE SPECIFICATIONS AND ARE NOT WARRANTED TO SHOW THE ACTUAL SUBSURFACE CONDITIONS. THE CONTRACTOR AGREES THAT THEY WILL MAKE NO CLAIM AGAINST THE OWNER OR THE ENGINEER IF, IN CARRYING OUT THE WORK, HE FINDS THAT THE ACTUAL SUBSURFACE CONDITIONS ENCOUNTERED DO NOT CONFORM TO THOSE INDICATED BY SAID BORINGS, TEST EXCAVATIONS AND OTHER SUBSURFACE INVESTIGATIONS.

TRAFFIC CONTROL DEVICES

CONTRACTOR SHALL CONTACT THE CITY GARAGE (JOHN HAUSER) 832-1176 FOR THE SUPERVISION OF THE INSTALLATION OF ALL TRAFFIC CONTROL DEVICES

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 NON-CONFORMING OR CONFLICTING INFORMATION.

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.

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 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.

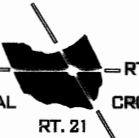
PRESERVATION OF PROPERTY CORNERS AND SURVEY MARKERS

THE CONTRACTOR SHALL PRESERVE ALL CORNERSTONES, IRON PINS, CONCRETE MONUMENTS 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.

Canal View Street Scape Plans

General Notes
City of Massillon
Stark County, Ohio

RT. 30 W.
AT THE INDUSTRIAL



RT. 30 E.
CROSSROADS OF OHIO

RT. 21

THE CITY OF MASSILLON, OHIO

Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:

DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99GM0102.DWG

ACCOUNT NUMBER
99GM01

SANITARY / STORM WORK

THE FOLLOWING CONDUIT TYPES MAY BE USED FOR SANITARY SEWER: 707.44 SDR35, 706.08, 706.03, 706.02 WITH JOINTS AS PER 706.11 OR 706.12.

THE FOLLOWING CONDUIT TYPES MAY BE USED FOR STORM SEWER WITH MORE THAN (1) ONE FOOT OF COVER: 707.42, 706.08, 706.02, WITH JOINTS AS PER 706.10 OR 706.11.

THE FOLLOWING CONDUIT TYPES MAY BE USED FOR STORM SEWER WITH LESS THAN (1) ONE FOOT OF COVER: 706.02 WITH JOINTS AS PER 706.10 OR 706.11

RESTORATION

FOR SANITARY SEWER INSTALLED, TESTED, AND ACCEPTED UP TO MAY 15TH OF ANY CALENDER YEAR, RESTORATION SHALL BE COMPLETE BY JUNE 30TH OF THAT YEAR. FOR INSTALLATION OF SANITARY SEWER TESTED AND ACCEPTED FROM MAY 15TH TO SEPTEMBER 30TH OF ANY CALENDAR YEAR, RESTORATION SHALL BE COMPLETE BY NOVEMBER 15TH OF THAT CALENDAR YEAR. FOR SANITARY SEWER INSTALLED, TESTED, AND ACCEPTED AFTER NOVEMBER 15TH OF ANY CALENDAR YEAR, RESTORATION SHALL BE COMPLETE BY MAY 15TH OF THE NEXT CALENDAR YEAR.

ALL SOIL AREAS DISTURBED BY THE CONTRACTOR SHALL BE TOPSOILED, SEEDED AND MULCHED. COST TO BE INCLUDED IN THE UNIT PRICE BID FOR EACH ITEM OF AFFECTED WORK. TOPSOIL, SEEDING AND MULCHING SHALL NOT BE A SEPERATE PAY ITEM. THIS INCLUDES BACKFILLING, SEEDING AND MULCHING ALONG THE EDGE OF ALL PAVEMENT RESTORATION.

PAVEMENT CROSSINGS WILL RECEIVE TYPE C PAVEMENT REPLACEMENT WITH FULL WIDTH PAVEMENT OVERLAY.

CONTRACTOR TO REPLACE ALL PAVEMENT MARKINGS. COST TO BE INCLUDED IN THE UNIT PRICE BID FOR PAVEMENT.

CONTRACTOR TO USE HOT APPLIED JOINT CRACK SEALER ON ASPHALT PAVEMENT AT ALL ENDS AND INTERSECTIONS.

ALL TRENCHES IN ROAD RIGHT OF WAY WILL RECEIVE FULL DEPTH PREMIUM GRANULAR BACKFILL.

MAINTENANCE OF TRAFFIC

THE CONTRACTOR SHALL SUPPLY A MAINTENANCE OF TRAFFIC PLAN TO THE CITY ENGINEER.

MAINTENANCE OF TRAFFIC PLAN MUST BE APPROVED BY THE CITY ENGINEER PRIOR TO ANY CONSTRUCTION COMMENCING.

ACCESSIBILITY TO PRIVATE PROPERTY

ACCESS TO ALL DRIVEWAYS AND PARKING AREAS WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED AT ALL TIMES EXCEPT WHILE LAYING THE SANITARY SEWER ACROSS THE DRIVE. THE TRENCH SHALL BE BACKFILLED AT THE END OF EACH WORK DAY TO PROVIDE ACCESS. THE CONTRACTOR MUST NOTIFY EACH PROPERTY OWNER AT LEAST 24 HOURS IN ADVANCE OF CUTTING THEIR DRIVEWAY.

FINAL APPROVAL

A VIDEO TAPE WILL BE MADE BY THE CONTRACTOR AND SUBMITTED TO THE CITY PRIOR TO THE PROJECT PRE-CONSTRUCTION MEETING. 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.

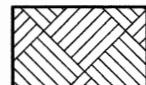
COST OF THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

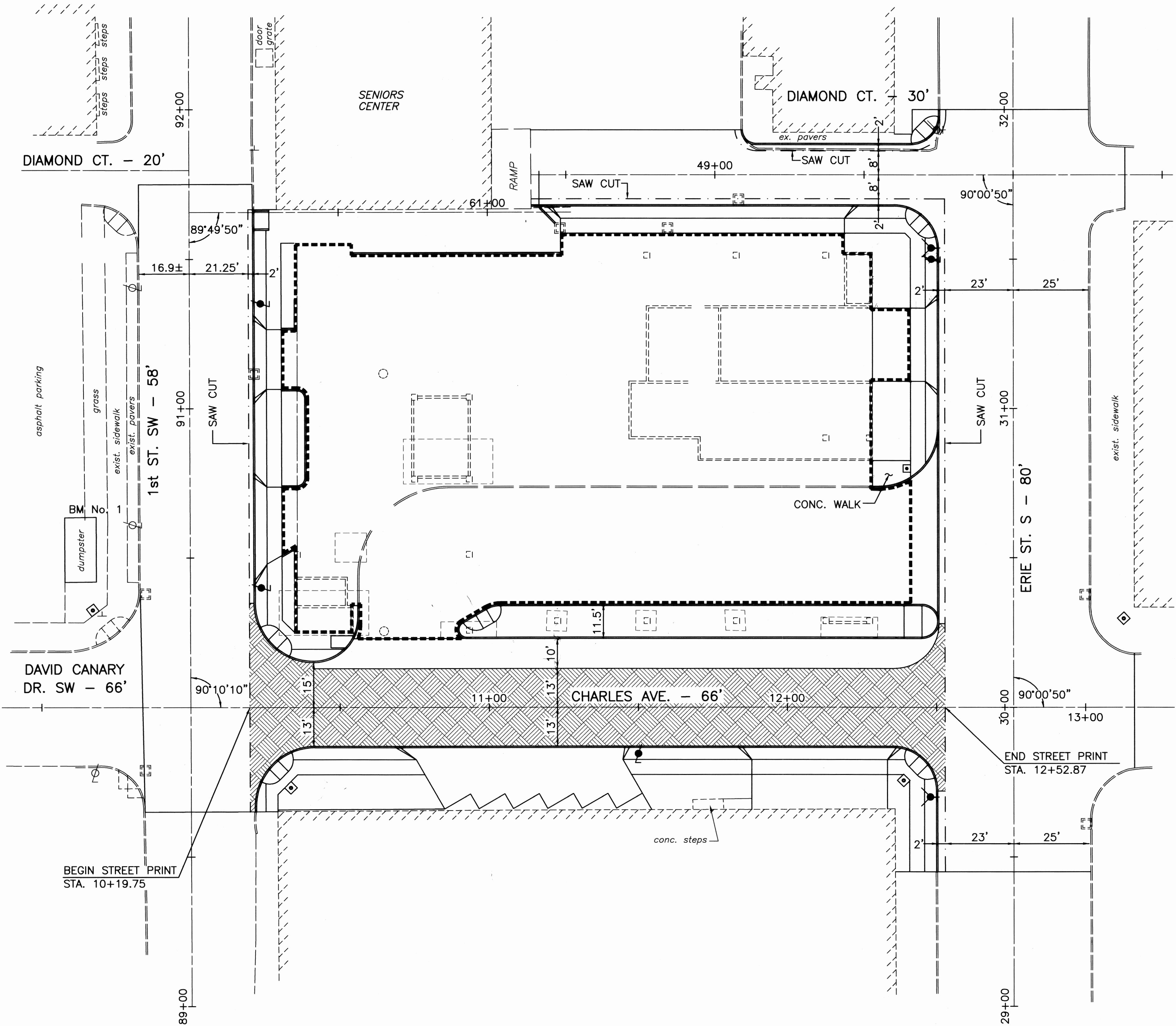
DEWATERING

IF THE CONTRACTORS MEANS OF INSTALLATION CAUSES ANY HARDSHIP DUE TO THE REMOVAL OF THE GROUND WATER THE CONTRACTOR MUST SUPPLY WATER TO THESE INDIVIDUALS UNTIL THAT TIME THE WATER TABLES SUBSIDES AND IS DEEMED PALATABLE.

ITEM 404 ASPHALT CONCRETE, STREET PRINT

THE CONTRACTOR SHALL BE LICENSED BY THE PROPER AUTHORITY AND LAY THE 404 IN A MONOLITHIC LIFT AT THE PROPER TEMPERATURE OF 110° F. THE IMPRINT SHALL BE MADE TO THE SATISFACTORY OF THE ENGINEER.

 - DENOTES THE AREA FOR AREA FOR ITEM 404 ASPHALT CONCRETE / STREET PRINT



Canal View Center Street Scape

General Notes
City of Massillon
Stark County, Ohio

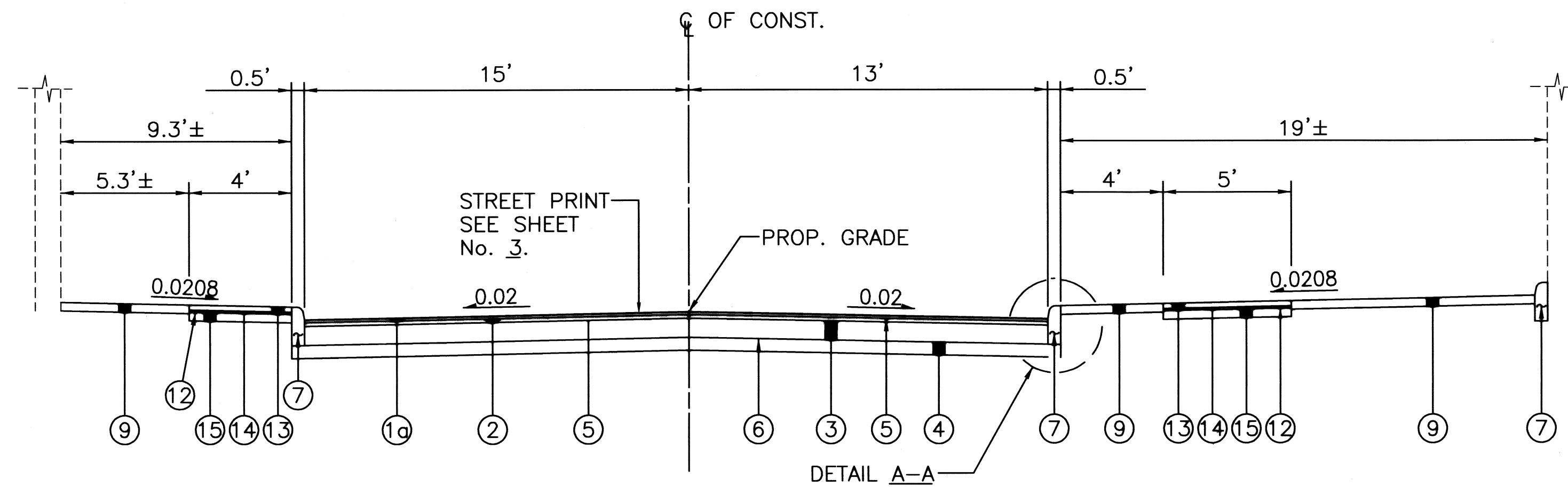
RT. 30 W. RT. 30 E.
AT THE INDUSTRIAL RT. 31
CROSSROADS OF OHIO
THE CITY OF MASSILLON, OHIO

Francis H. Cicchinelli, Jr.
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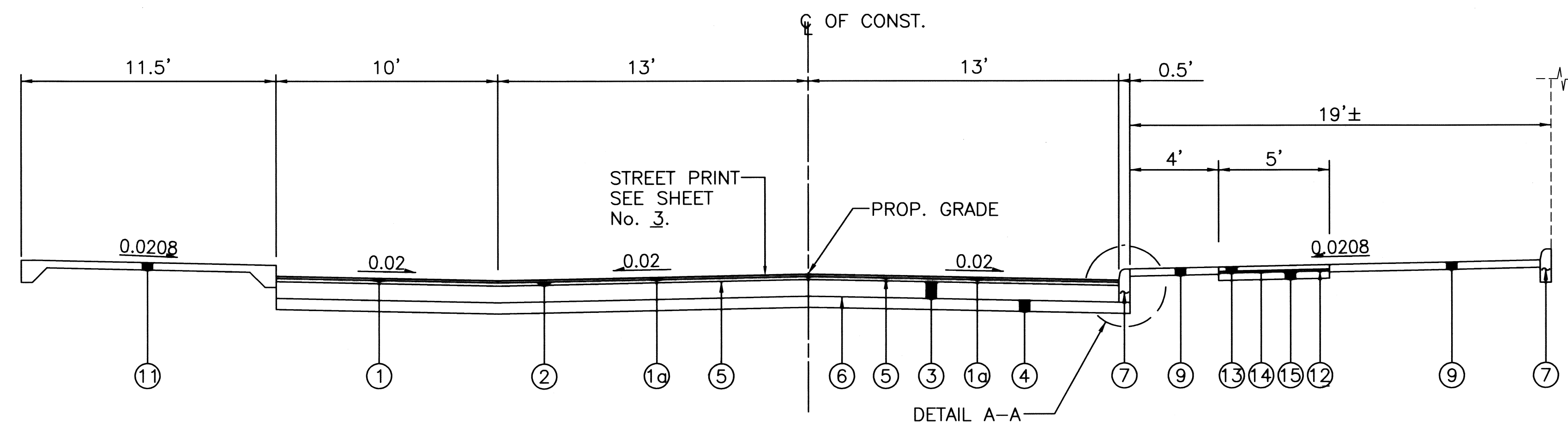
REVISIONS:	
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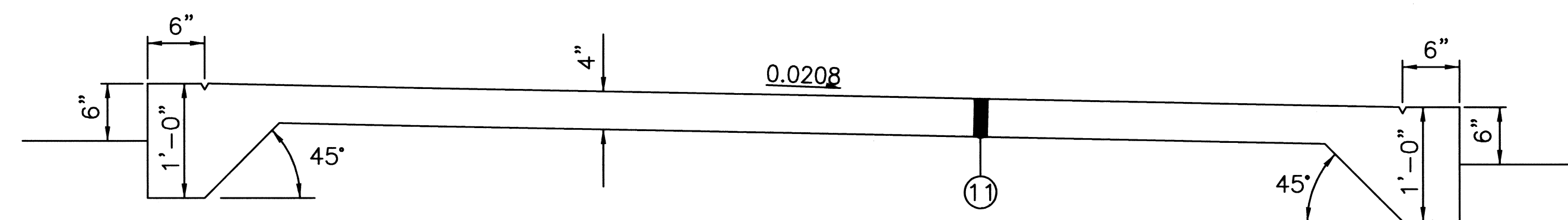
ACCOUNT NUMBER
99GM01



CHARLES ST. N.W. 60' R/W - PROPOSED TYPICAL SECTION
STA. 10+19.75 TO STA. 10+41.15



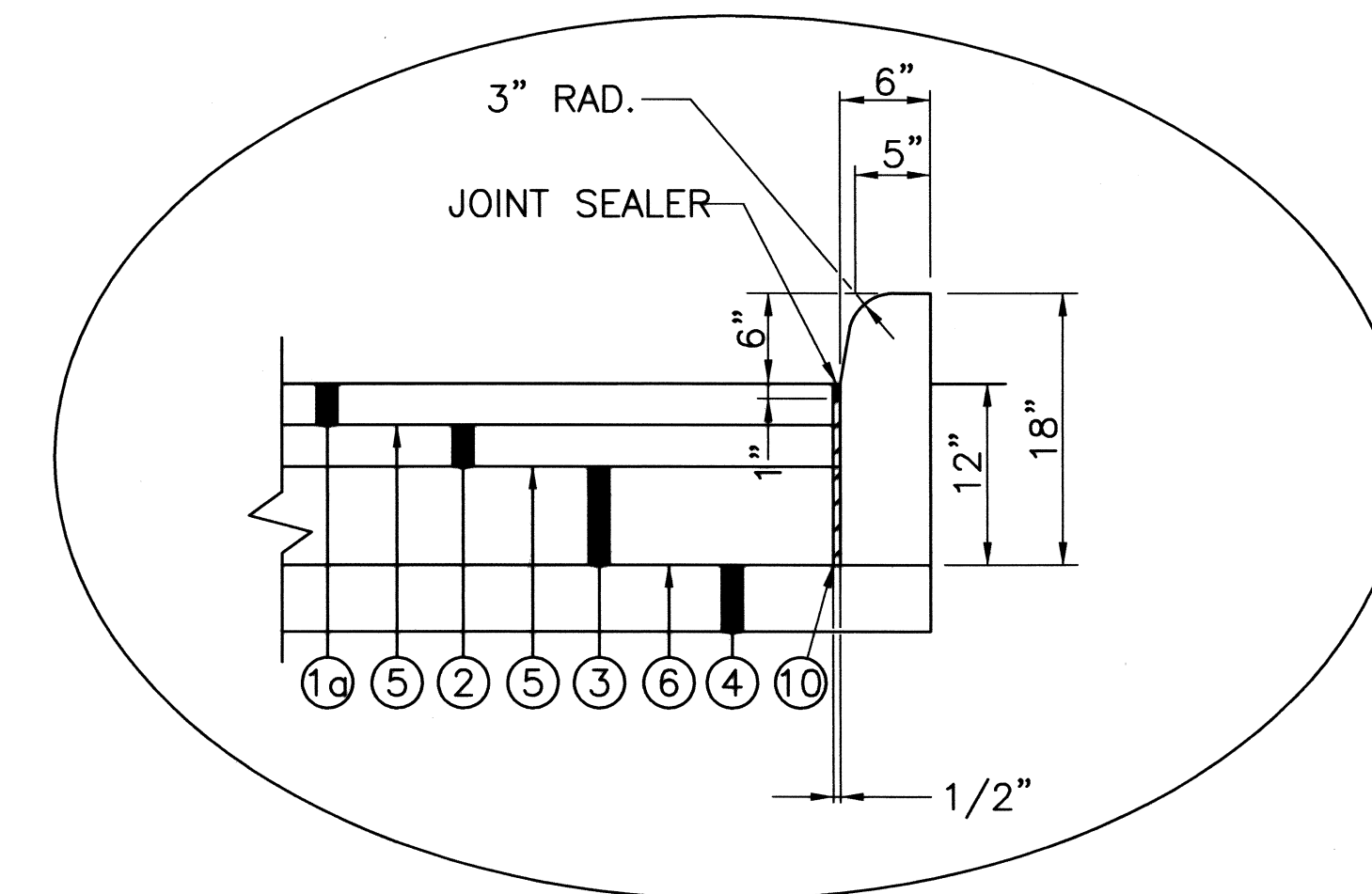
CHARLES ST. N.W. 60' R/W - PROPOSED TYPICAL SECTION
STA. 10+41.15 TO STA. 12+52.87



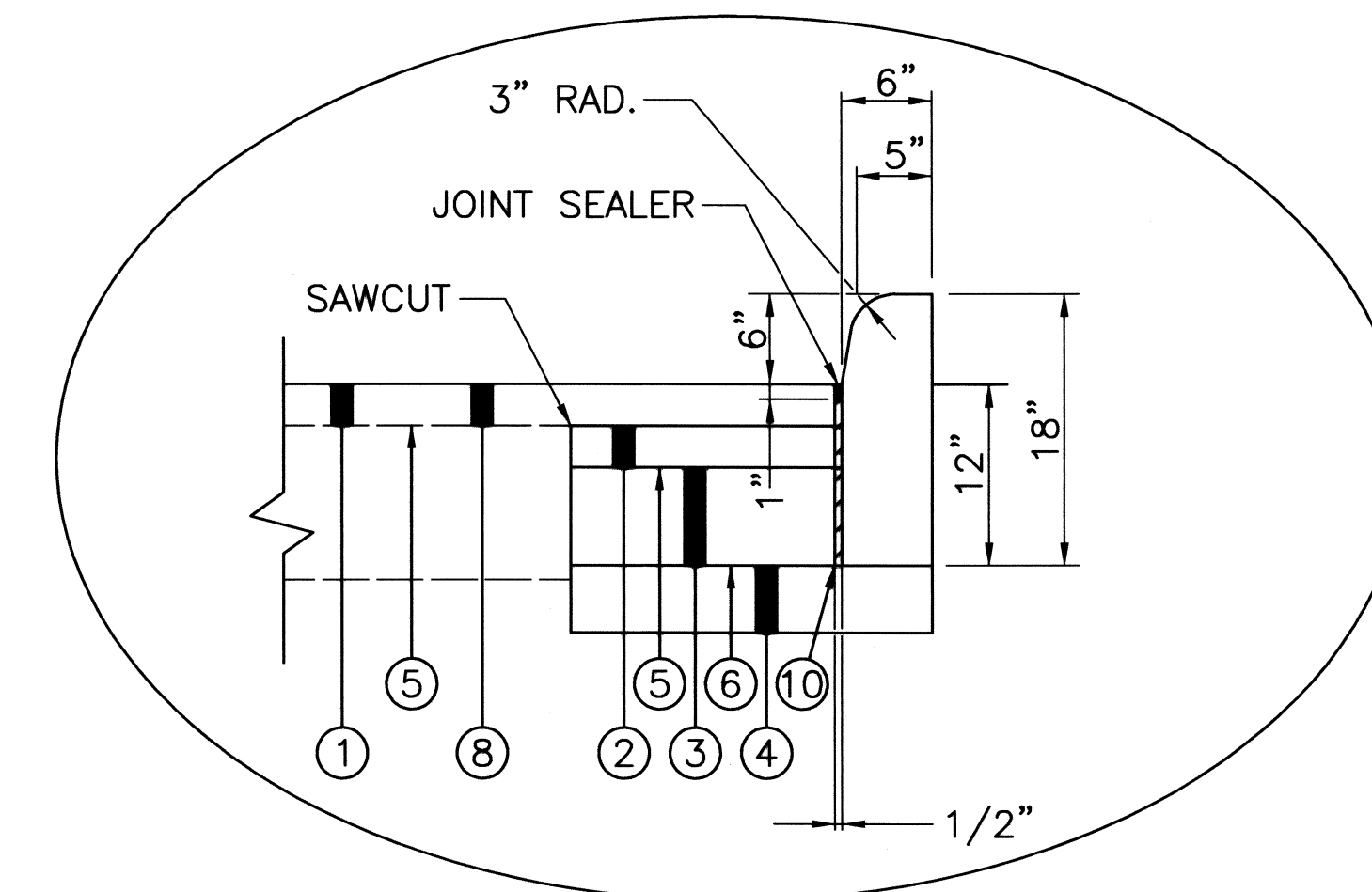
CONCRETE ISLAND

PROPOSED LEGEND

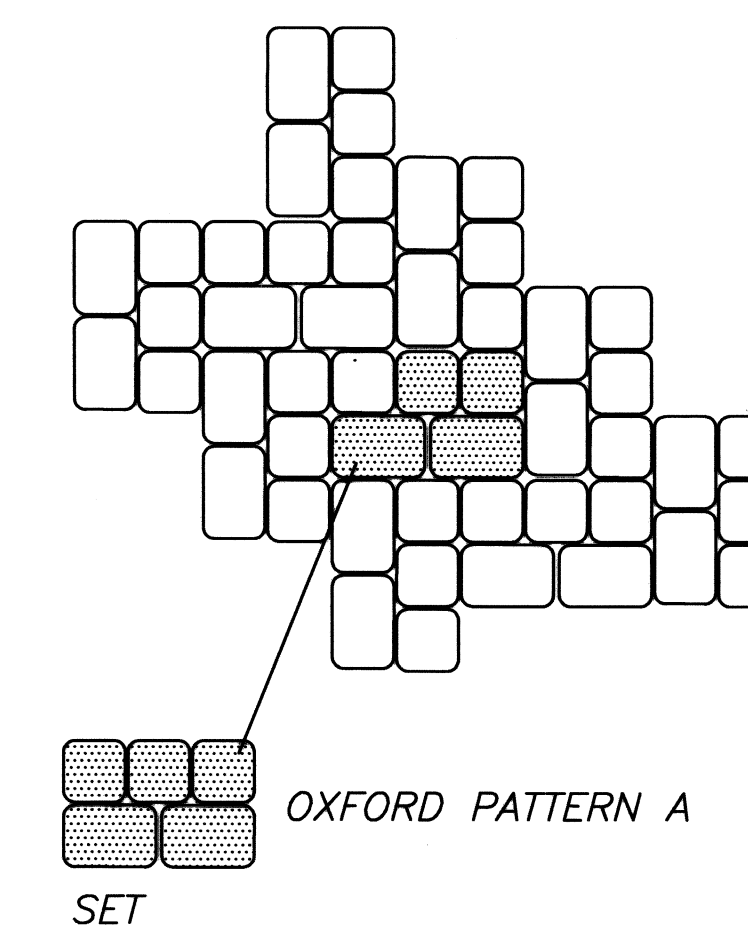
- | | |
|--|---|
| ① - ITEM 404-1 1/2" ASPHALT CONCRETE | ⑨ - ITEM 608-4" CONCRETE WALK |
| ①a - ITEM 404-1 1/2" ASPHALT CONCRETE/STREET PRINT | ⑩ - ITEM 705-PREFORMED FILLERS |
| ② - ITEM 402-1 1/2" ASPHALT CONCRETE | ⑪ - ITEM 608-CONCRETE ISLAND |
| ③ - ITEM 301-9" BITUMINOUS AGGREGATE BASE | ⑫ - ITEM 712-FABRIC |
| ④ - ITEM 304-6" AGGREGATE BASE | ⑬ - ITEM SPEC.-2 3/8" THICK PRECAST CONCRETE PAVER SYSTEM |
| ⑤ - ITEM 407-TACK COAT | ⑭ - ITEM SPEC.-1" THICK SAND BASE |
| ⑥ - ITEM 408-PRIME COAT | ⑮ - ITEM SPEC.-4" COMPACTED THICKNESS 4D LIMESTONE |
| ⑦ - ITEM 609-CAST IN PLACE CONCRETE CURB-6"x18" | ⑯ - ITEM SPEC.-CONCRETE EPOXY FILLER, AS PER ENGINEER |
| ⑧ - ITEM 254-1 1/2" PAVEMENT PLANNING | |



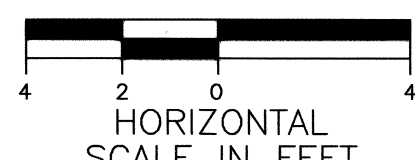
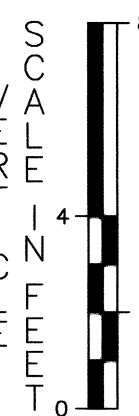
DETAIL A-A



DETAIL B-B



PRECAST CONCRETE PAVER SYSTEM



DRAWN BY: FPW	CHECKED BY: SDH
DATE: Aug. 25, 1999	DATE: Aug. 26, 1999

Canal View Center Street Scape

Proposed Typical Sections
City of Massillon
Stark County, Ohio

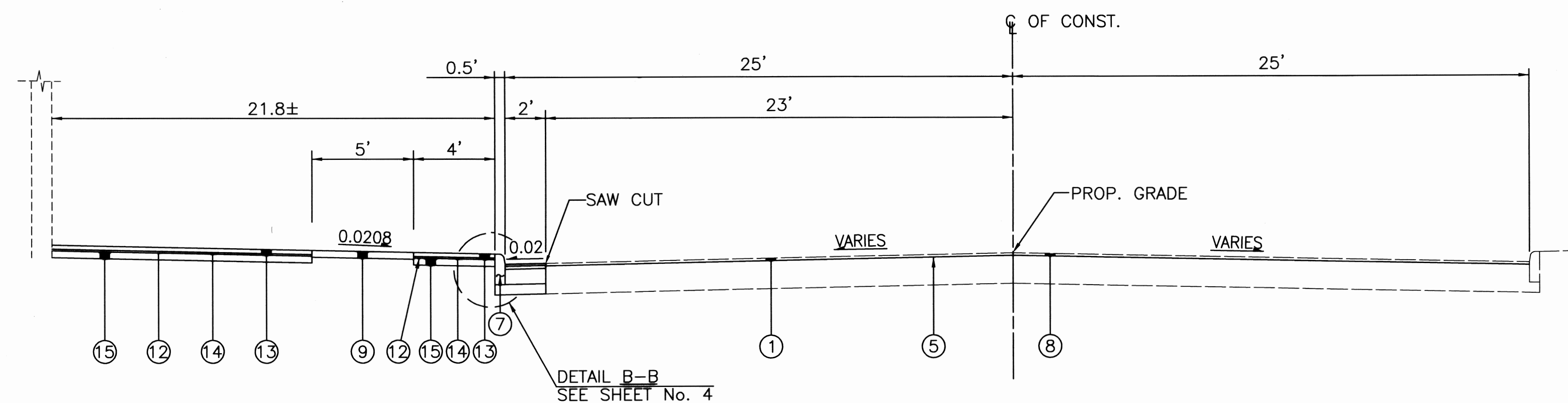
RT. 30 W. - RT. 30 E.
AT THE INDUSTRIAL CROSSROADS OF OHIO
RT. 21
THE CITY OF MASSILLON, OHIO

Francis H. Cicchinelli, Jr.
Mayor

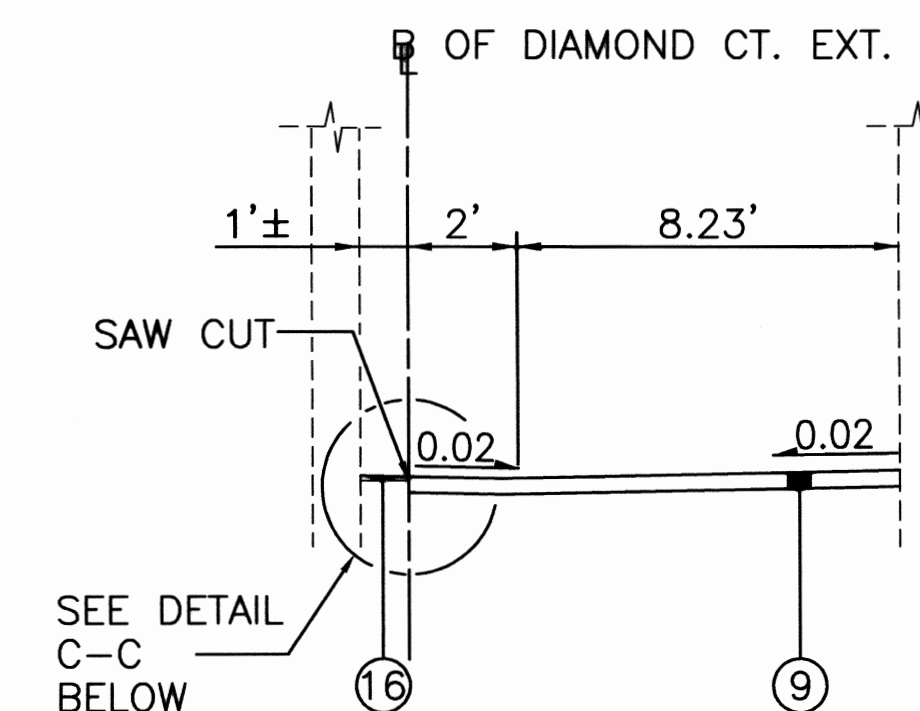
REVISIONS:	
DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99GM0104.DWG

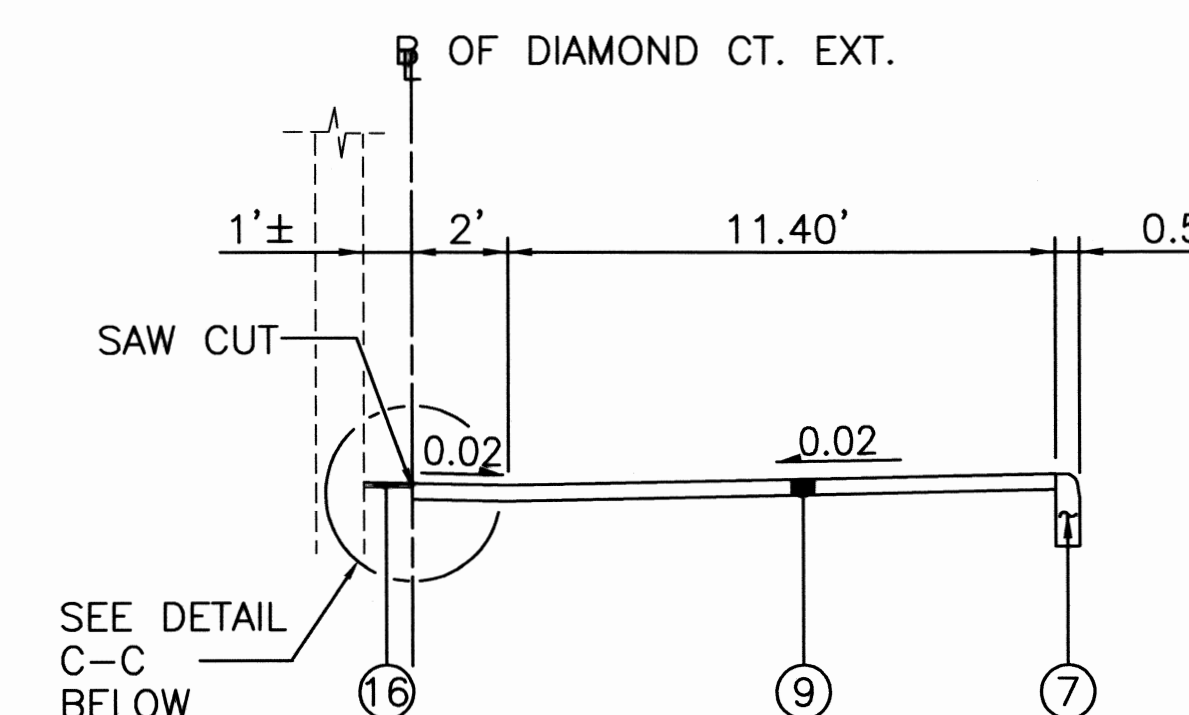
ACCOUNT NUMBER
99GM01



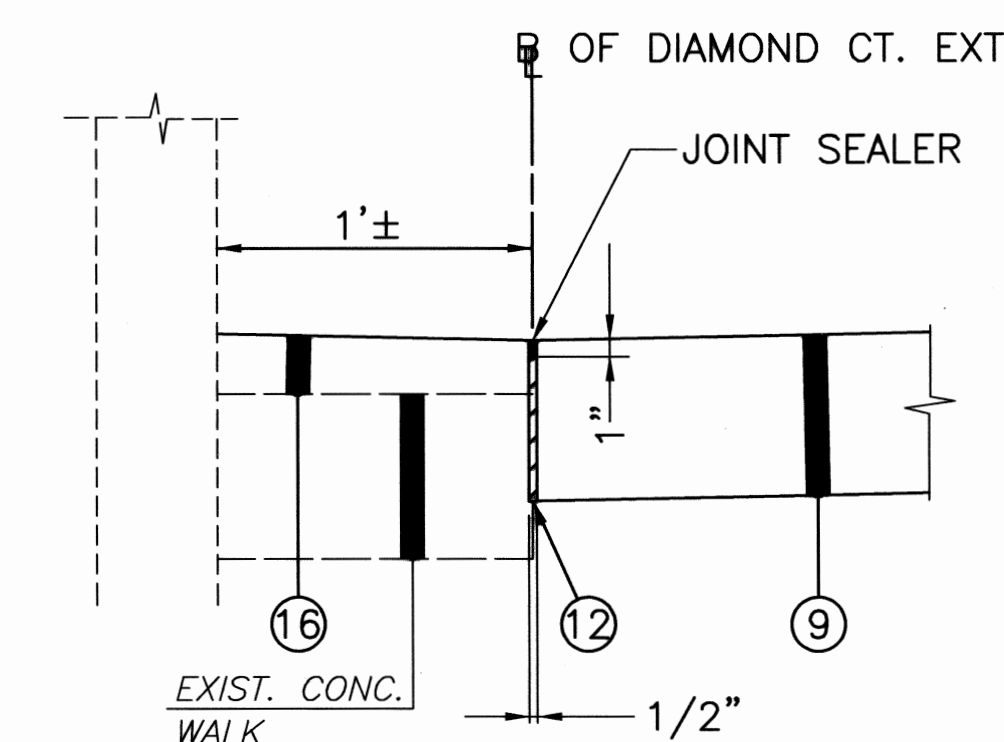
ERIE ST. N.W. 60' R/W - PROPOSED TYPICAL SECTION
STA. 29+45.00 TO STA. 32+00.00



**DIAMOND CT. EXT. BASELINE
SIDEWALK - PROPOSED TYPICAL SECTION**
STA. 60+29 TO STA. 60+54.86



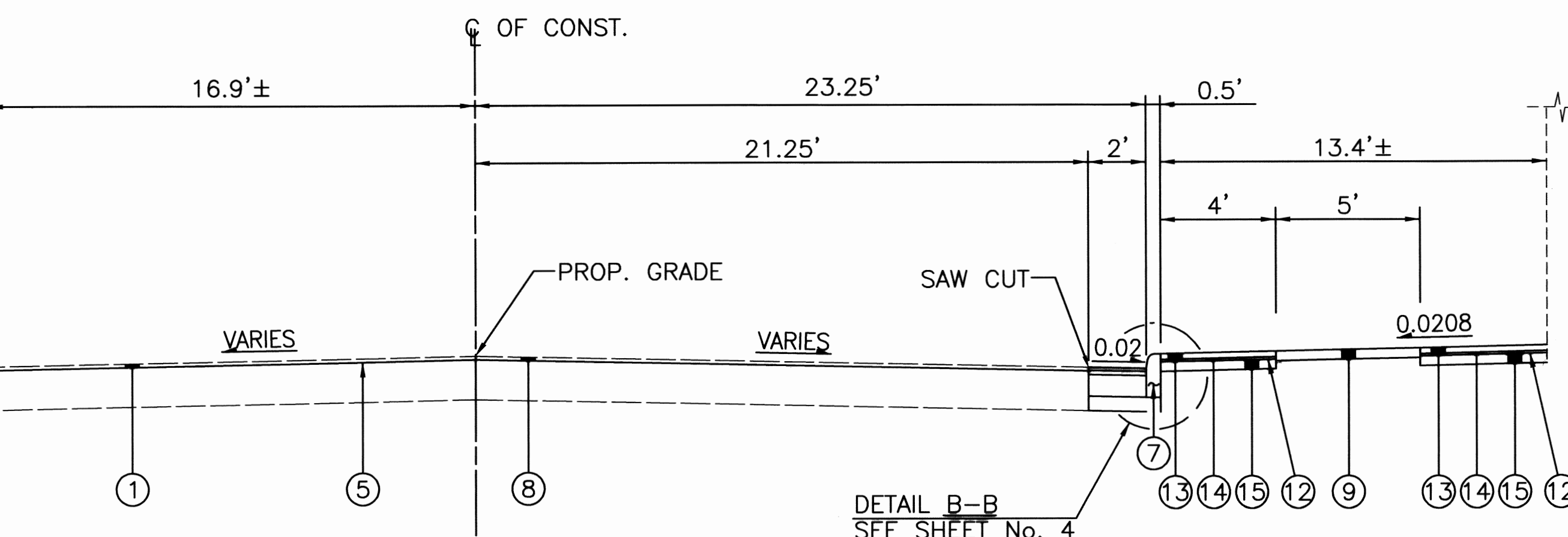
**DIAMOND CT. EXT. BASELINE
SIDEWALK - PROPOSED TYPICAL SECTION**
STA. 60+54.86 TO STA. 61+24.48



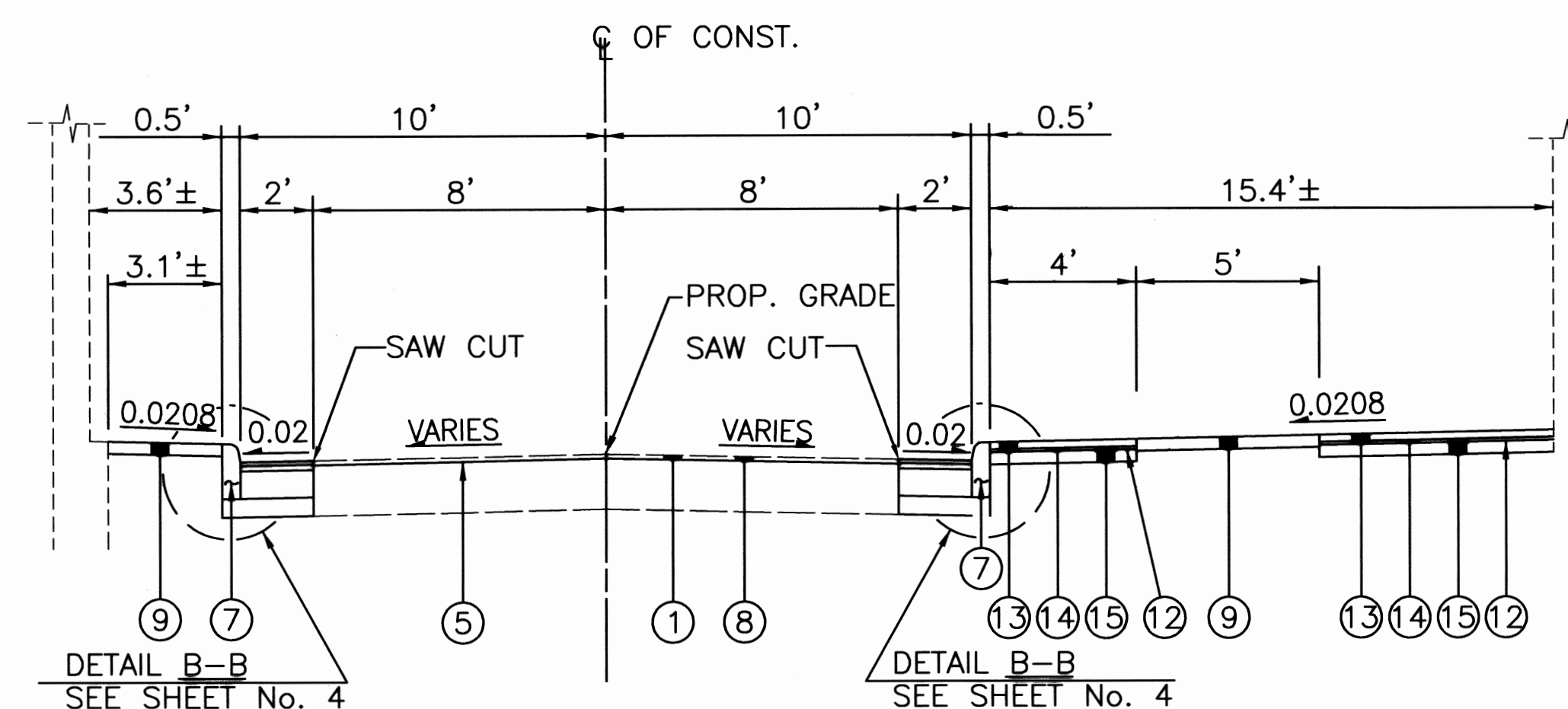
DETAIL C-C

PROPOSED LEGEND

- | | |
|---|---|
| ① - ITEM 404-1 1/2" ASPHALT CONCRETE | ⑨ - ITEM 608-4" CONCRETE WALK |
| ② - ITEM 402-1 1/2" ASPHALT CONCRETE | ⑩ - ITEM 705-PREFORMER FILLERS |
| ③ - ITEM 301-9" BITUMINOUS AGGREGATE BASE | ⑪ - ITEM 608-CONCRETE ISLAND |
| ④ - ITEM 304-6" AGGREGATE BASE | ⑫ - ITEM 711-FABRIC |
| ⑤ - ITEM 407-TACK COAT | ⑬ - ITEM SPEC.-2 3/8" THICK PRECAST CONCRETE PAVER SYSTEM |
| ⑥ - ITEM 408-PRIME COAT | ⑭ - ITEM SPEC.-1" THICK SAND BASE |
| ⑦ - ITEM 609-CAST IN PLACE CONCRETE CURB-6"x18" | ⑮ - ITEM SPEC.-4" COMPACTED THICKNESS 4D LESTONE |
| ⑧ - ITEM 254-1 1/2" PAVEMENT PLANNING | ⑯ - ITEM SPEC.-CONCRETE EPOXY FILLER, AS PER ENGINEER |



1st ST. S.W. 60' R/W - PROPOSED TYPICAL SECTION
STA. 89+65.00 TO STA. 91+75.00



DIAMOND CT. 30' R/W - PROPOSED TYPICAL SECTION
STA. 48+38.30 TO STA. 50+00.00

SCALE
IN FEET
0 2 4 8

HORIZONTAL
SCALE IN FEET
0 2 4

DRAWN BY: FPW
CHECKED BY: SDH
DATE: Aug. 05, 1999
DATE: Aug. 06, 1999

Canal View Center Street Scape

Proposed Typical Sections
City of Massillon
Stark County, Ohio

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

Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:

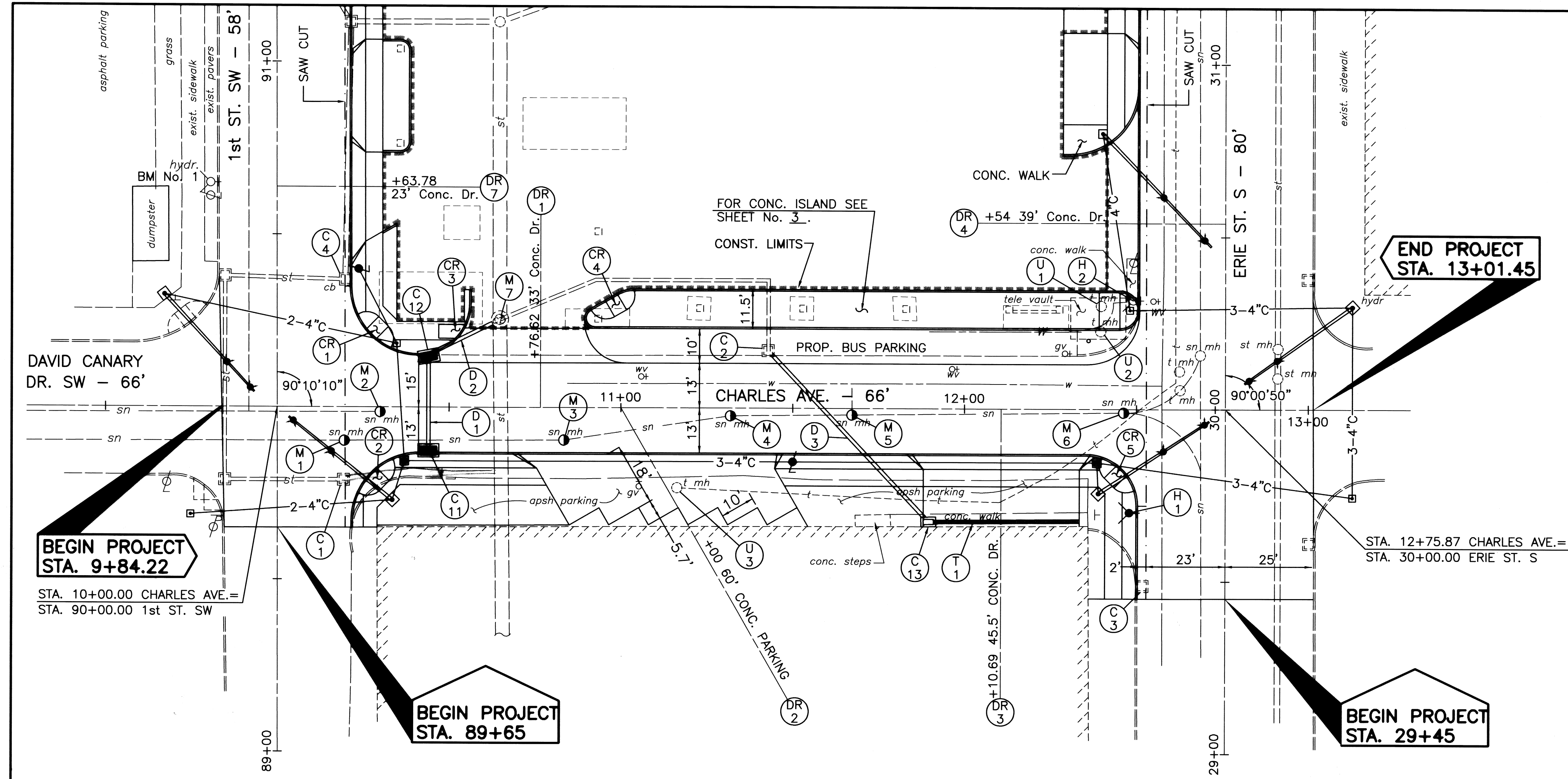
DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99GM0105.DWG

ACCOUNT NUMBER
99GM01

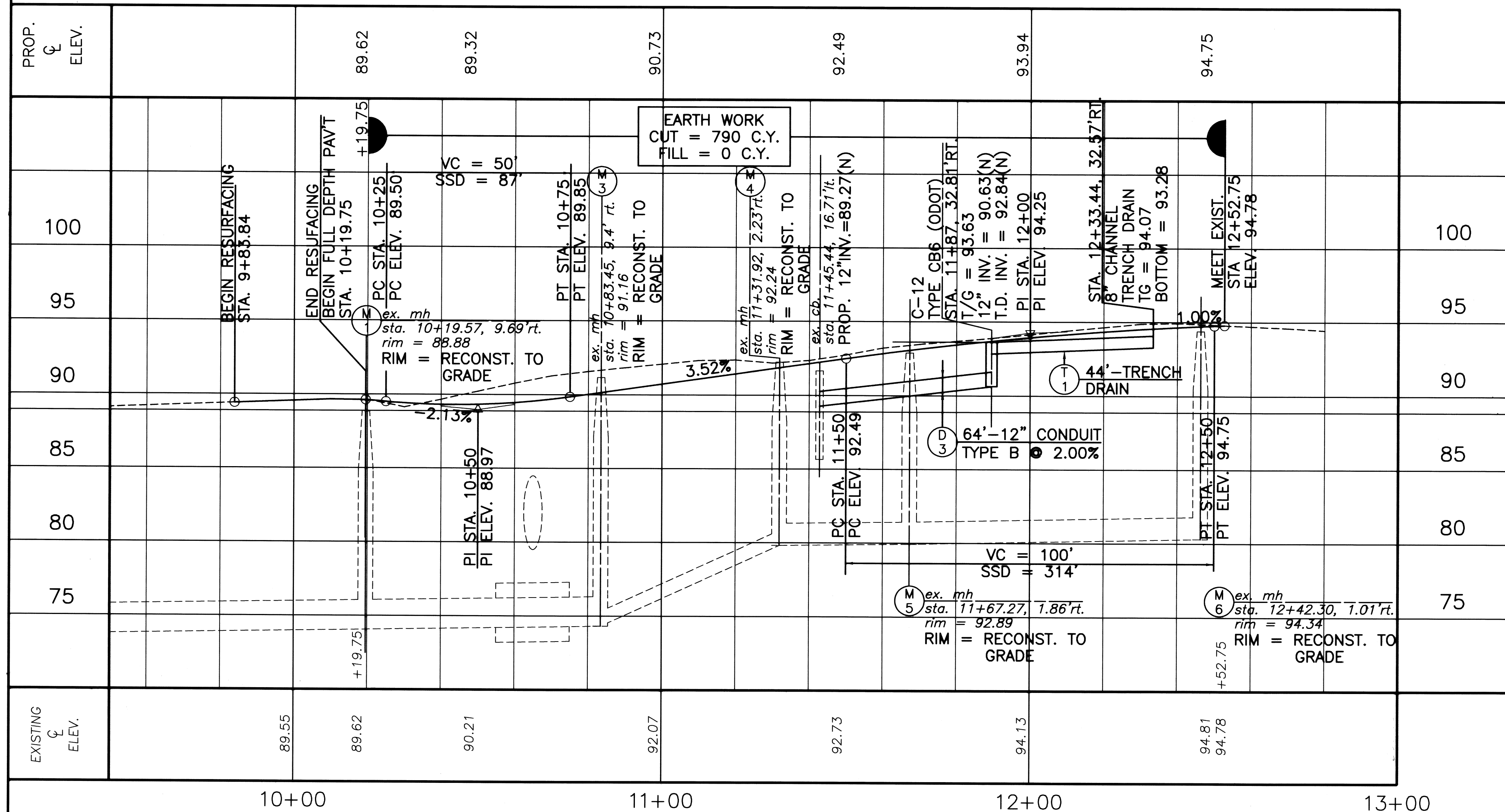
16

[illegible]



90	85	80	-60
90	85	80	-40
90	85	80	-20
90	85	80	0
90	85	80	20
90	85	80	40
90	85	80	60

STORM SEWER PROFILE



SCALE IN FEET

HORIZONTAL SCALE IN FEET

DRAWN BY: FPW CHECKED BY: SDH

DATE: Aug. 9, 1998 DATE: Aug. 10, 1999

Canal View Center Street Scope

Charles St. SW Plan and Profile
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

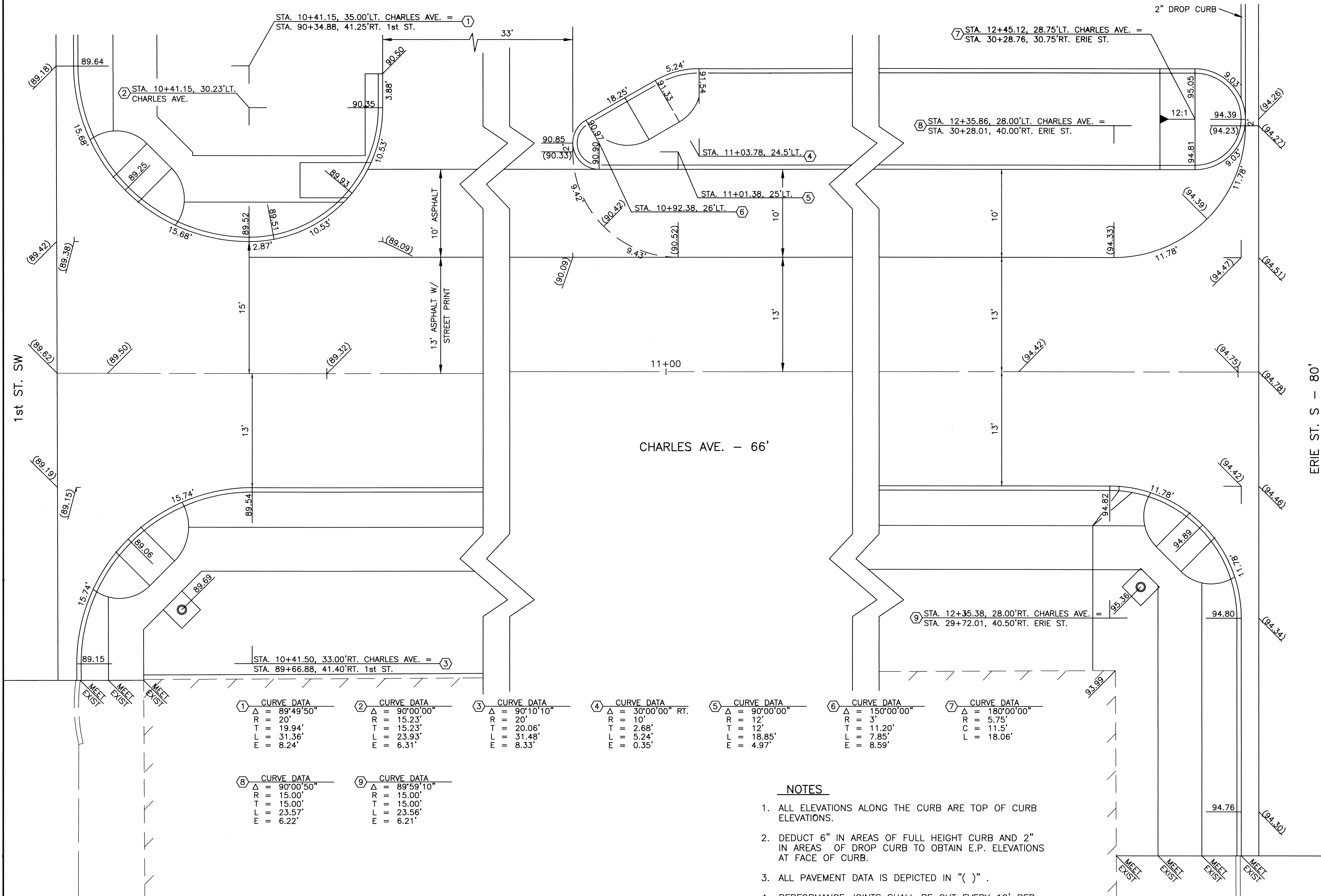
REVISIONS:

DATE	DESCRIPTION

ELECTRONIC FILE NAME:
9GM0107.DWG

ACCOUNT NUMBER
99GM01

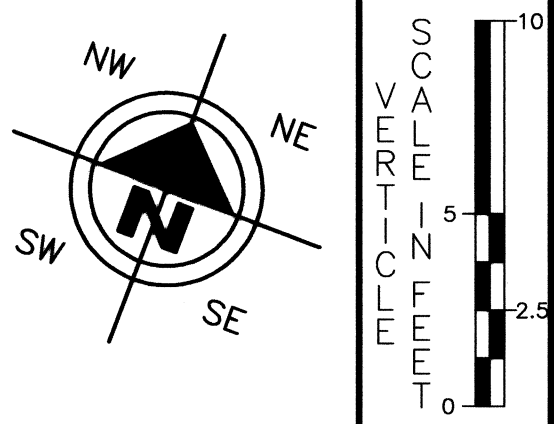
7 / 16



① CURVE DATA $\Delta = 89^{\circ}49'50''$ $R = 20'$ $T = 19.94'$ $L = 31.36'$ $E = 8.24'$	② CURVE DATA $\Delta = 90^{\circ}00'00''$ $R = 15.23'$ $T = 15.23'$ $L = 23.93'$ $E = 6.31'$	③ CURVE DATA $\Delta = 90^{\circ}10'10''$ $R = 20'$ $T = 20.06'$ $L = 31.48'$ $E = 8.33'$	④ CURVE DATA $\Delta = 30^{\circ}00'00''$ RT. $R = 10'$ $T = 2.68'$ $L = 5.24'$ $E = 0.35'$	⑤ CURVE DATA $\Delta = 90^{\circ}00'00''$ $R = 12'$ $T = 12'$ $L = 18.85'$ $E = 4.97'$	⑥ CURVE DATA $\Delta = 150^{\circ}00'00''$ $R = 3'$ $T = 11.20'$ $L = 7.85'$ $E = 8.59'$	⑦ CURVE DATA $\Delta = 180^{\circ}00'00''$ $R = 5.75'$ $C = 11.5'$ $L = 18.06'$
⑧ CURVE DATA $\Delta = 90^{\circ}00'50''$ $R = 15.00'$ $T = 15.00'$ $L = 23.57'$ $E = 6.22'$	⑨ CURVE DATA $\Delta = 89^{\circ}59'10''$ $R = 15.00'$ $T = 15.00'$ $L = 23.56'$ $E = 6.21'$					

NOTES

- ALL ELEVATIONS ALONG THE CURB ARE TOP OF CURB ELEVATIONS.
- DEDUCT 6" IN AREAS OF FULL HEIGHT CURB AND 2" IN AREAS OF DROP CURB TO OBTAIN E.P. ELEVATIONS AT FACE OF CURB.
- ALL PAVEMENT DATA IS DEPICTED IN "()" .
- PERFORMANCE JOINTS SHALL BE CUT EVERY 10' PER ENGINEER DIRECTION.



HORIZONTAL
SCALE IN FEET

DRAWN BY: FPW
CHECKED BY: SDH

DATE: Aug. 9, 1999
DATE: Aug. 10, 1999

Canal View Center Street Scope

Proposed Intersection Details
City of Massillon
Stark County, Ohio

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

Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:

DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99GM0109.DWG

ACCOUNT NUMBER
99GM01

SHEET No.	REFERENCE No.	STATION	SIDE	DRIVE TYPE	SKEW	DETAIL	L1	L2	L3	W1	DRIVES PAVEMENT BUILD-UP	452	452
							FT.	FT.	FT.	FT.		PLAIN PORTLAND CEMENT CONCRETE (APRON)	PLAIN PORTLAND CEMENT CONCRETE (DRIVE / PARKING)
		CHARLES AVE.										S. Y.	S.Y.
5	DR1	10+76.62	LT.	COMM.	90°	%					BY OTHERS	0	
5	DR2	11+00	RT.	COMM.	60°	B-B	4.5	16.43	11.43	60	A	37.2	107.2
5	DR3	12+10.69	RT.	COMM.	90°	A-A	4.5	11.6'	0	45.5	A	22.3	58.7
		ERIE ST.											
5	DR4	30+53.26	LT.	COMM.	90°	%						47.1	
5	DR5	31+28.23	LT.	COMM.	90°	A-A	4.5	0	0	24.5	BY OTHERS	14.5	
		DIAMOND CT.											
5	DR6	48+95.8	RT.	COMM.	90°	A-A	4.5	0	0	95.25	BY OTHERS	49.9	
		1st St.											
5	DR7	90+63.78	RT.	COMM.	90°	%					BY OTHERS	14	
5	DR8	91+16.34	RT.	COMM.	90°	A-A	4.5	0	0	20	BY OTHERS	12.3	
TOTAL												197.3	165.9
TOTAL (USED)												364	

NOTE:
DRIVES PAVEMENT BUILD-UP

RESIDENTAL DRIVES:

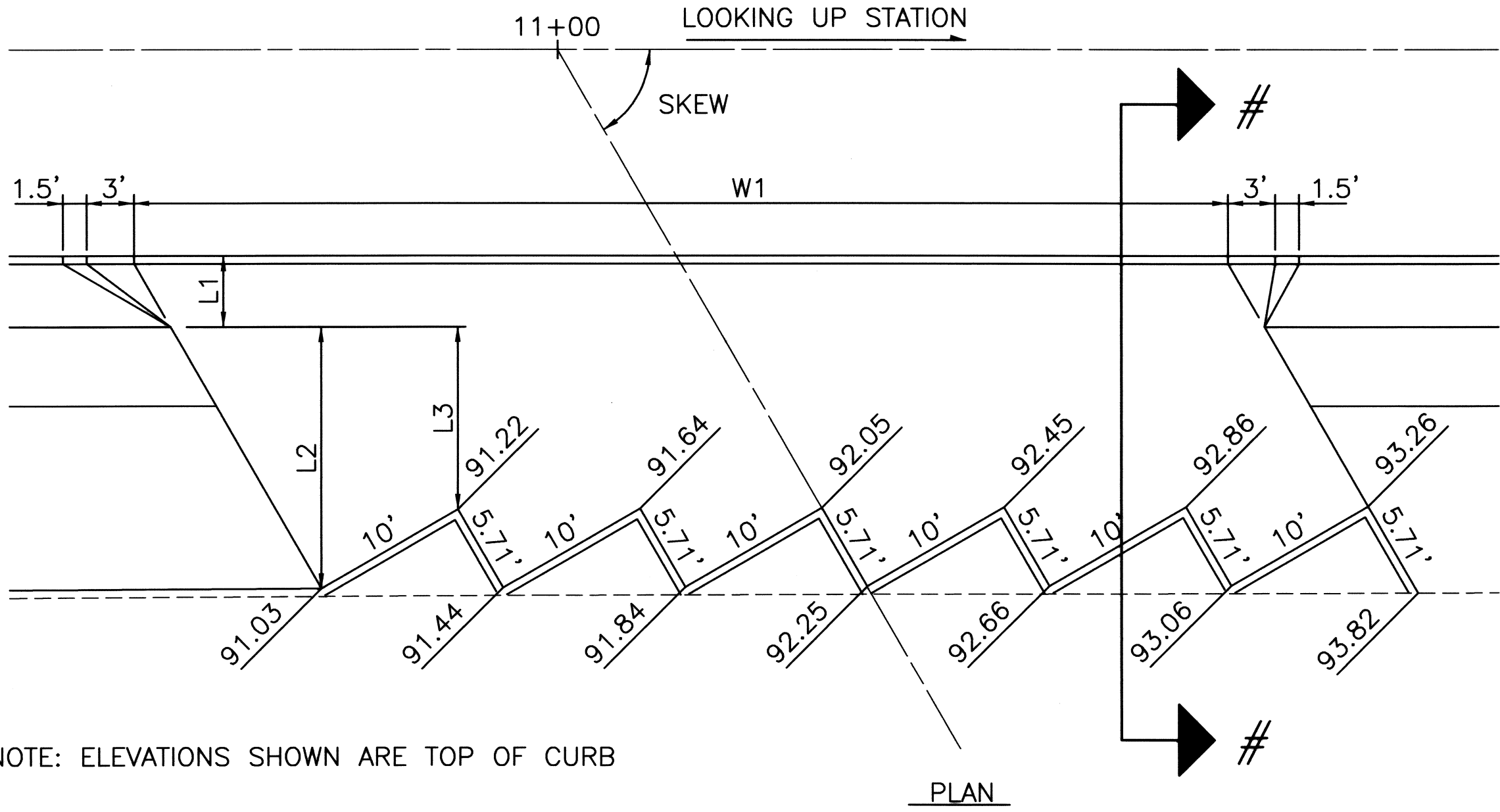
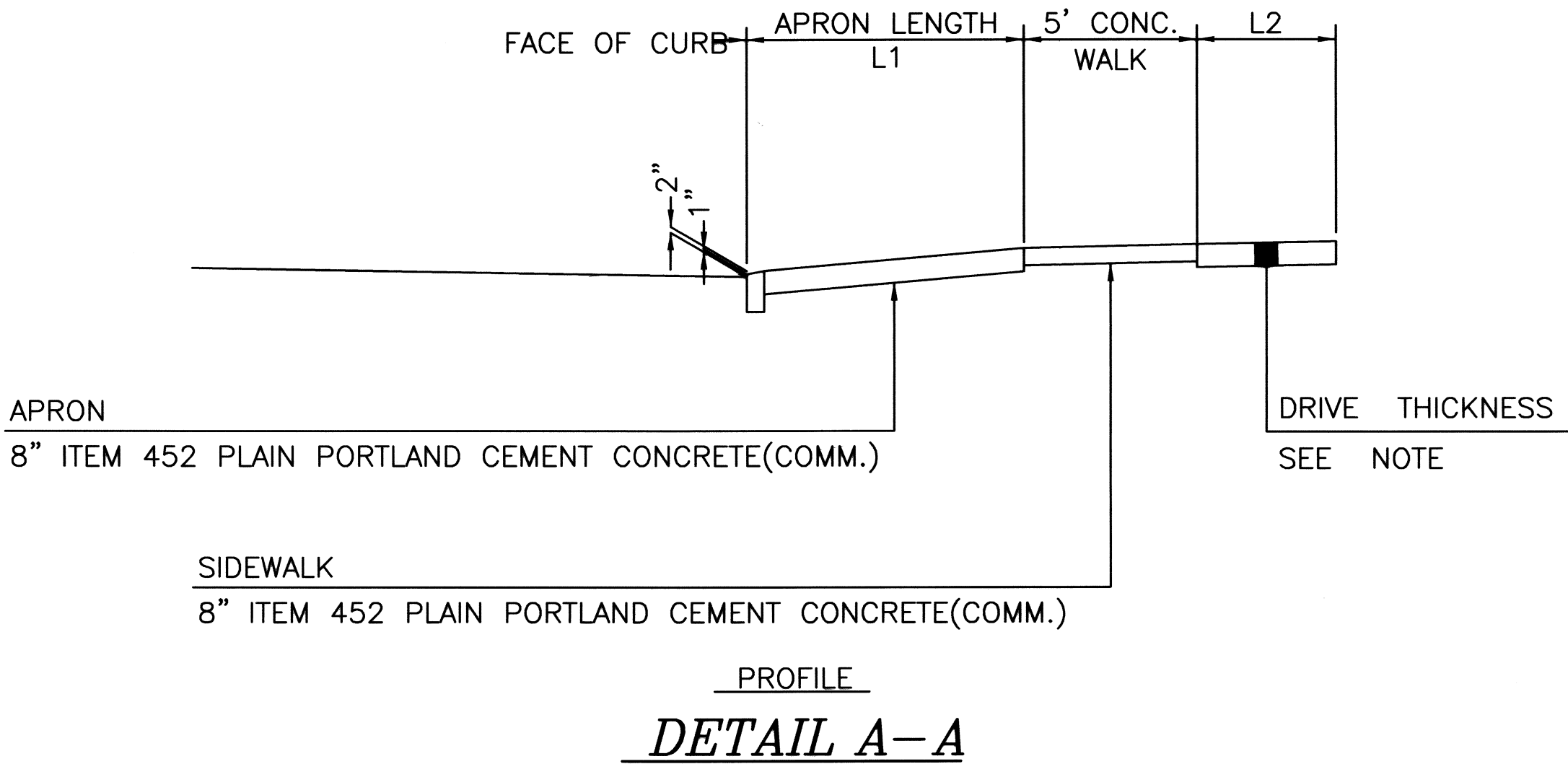
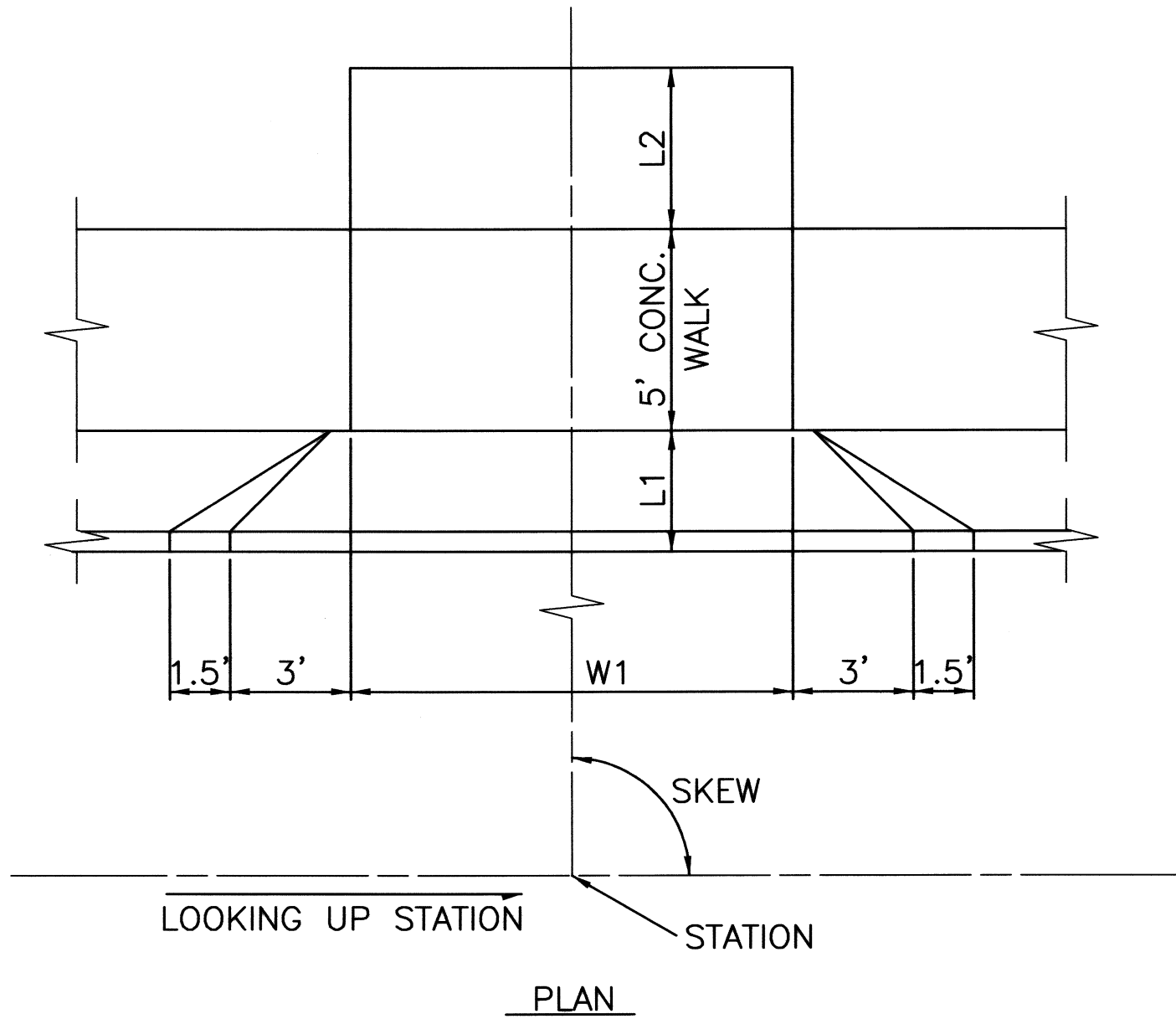
- A. 6" 452 PLAIN PORTLAND CEMENT CONCRETE
B. 2" 404 ASPHALT CONCRETE
6" 304 AGGREGATE BASE or 7" 411 STABILIZED CRUSHED AGGREGATE
C. 1 1/2" 404 ASPHALT CONCRETE
4" 301 BITUMINOUS AGGREGATE BASE
D. 8" 301 BITUMINOUS AGGREGATE BASE

COMMERCIAL DRIVES:

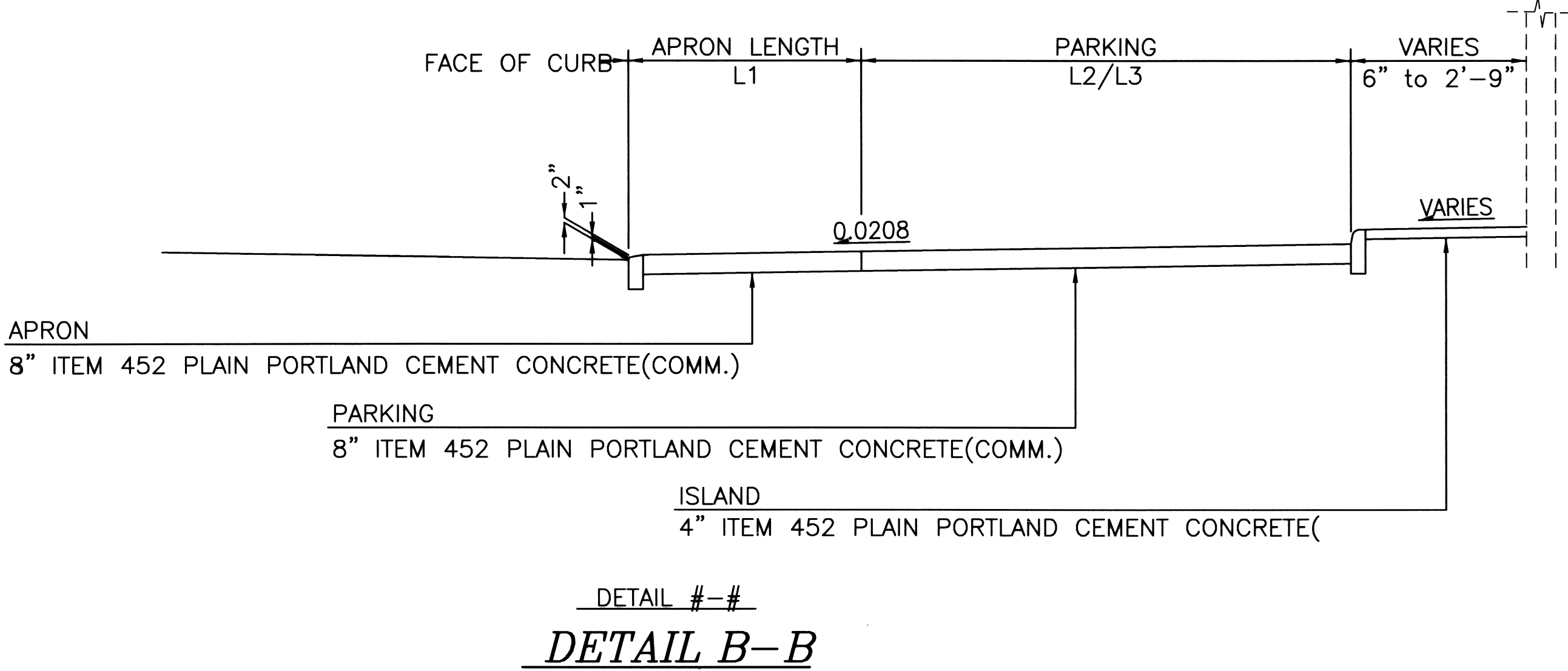
- A. 8" 452 PLAIN PORTLAND CEMENT CONCRETE
B. 1 1/2" 404 ASPHALT CONCRETE
1 1/2" 402 ASPHALT CONCRETE
408 PRIME COAT USING 0.4 GALLON RT-2 or RT-3 PER SQUARE YARD
C. 8" 304 AGGREGATE BASE
1 1/2" 404 ASPHALT CONCRETE
5" 301 BITUMINOUS AGGREGATE BASE
D. 10" 411 or 304 AGGREGATE BASE

LEGEND:

% - SEE SHEET No. 11 FOR DETAIL



NOTE: ELEVATIONS SHOWN ARE TOP OF CURB



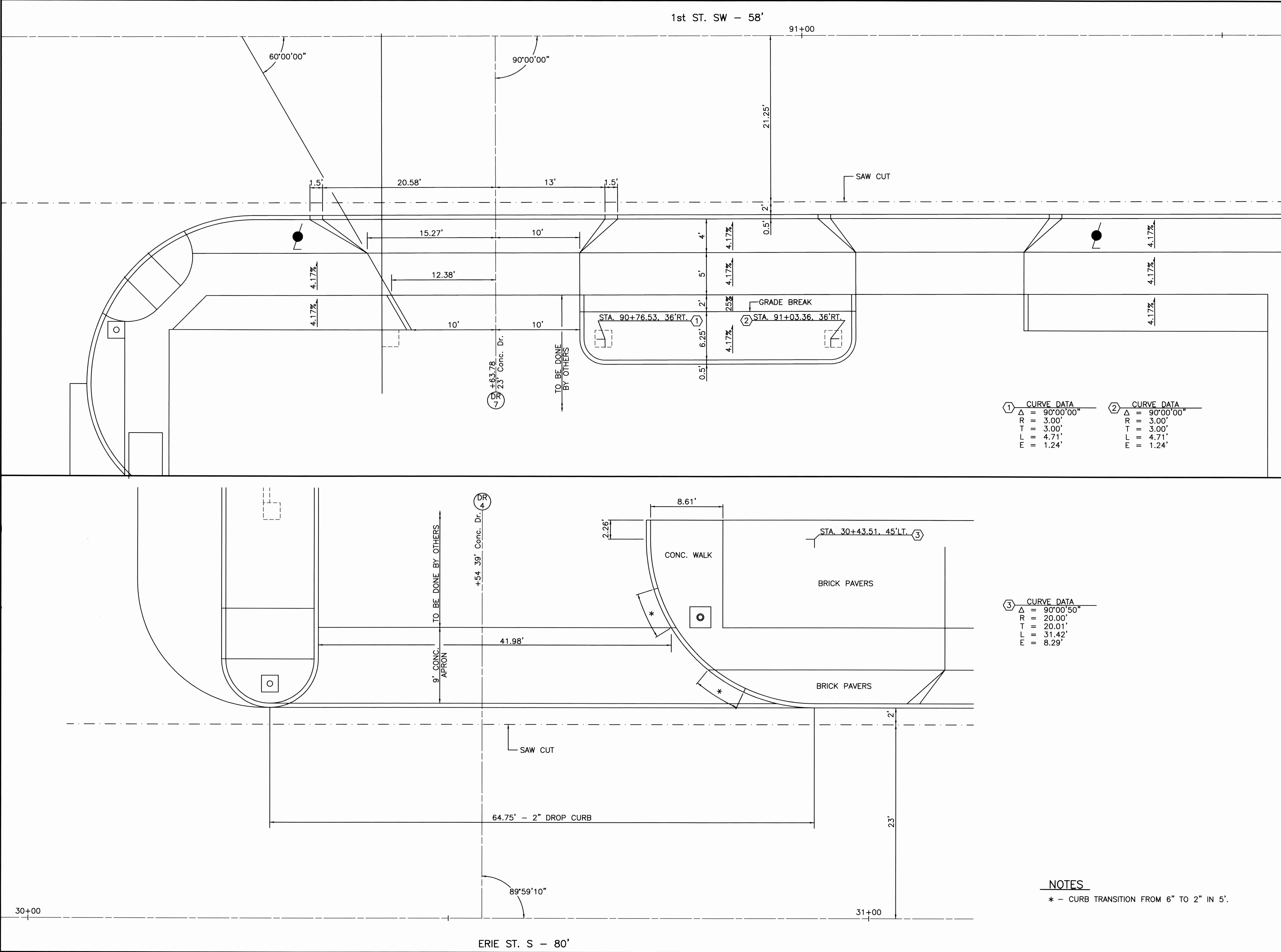
Canal View Center Street Scape
Driveway and Apron Details
City of Massillon
Stark County, Ohio

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

Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:	
DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99GM0110.DWG
ACCOUNT NUMBER
99GM01



SCALE
VERTICAL
IN FEET
0 2.5 5 10

HORIZONTAL
SCALE IN FEET

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

Canal View Center Street Scape

Proposed Drive Details
City of Massillon
Stark County, Ohio

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

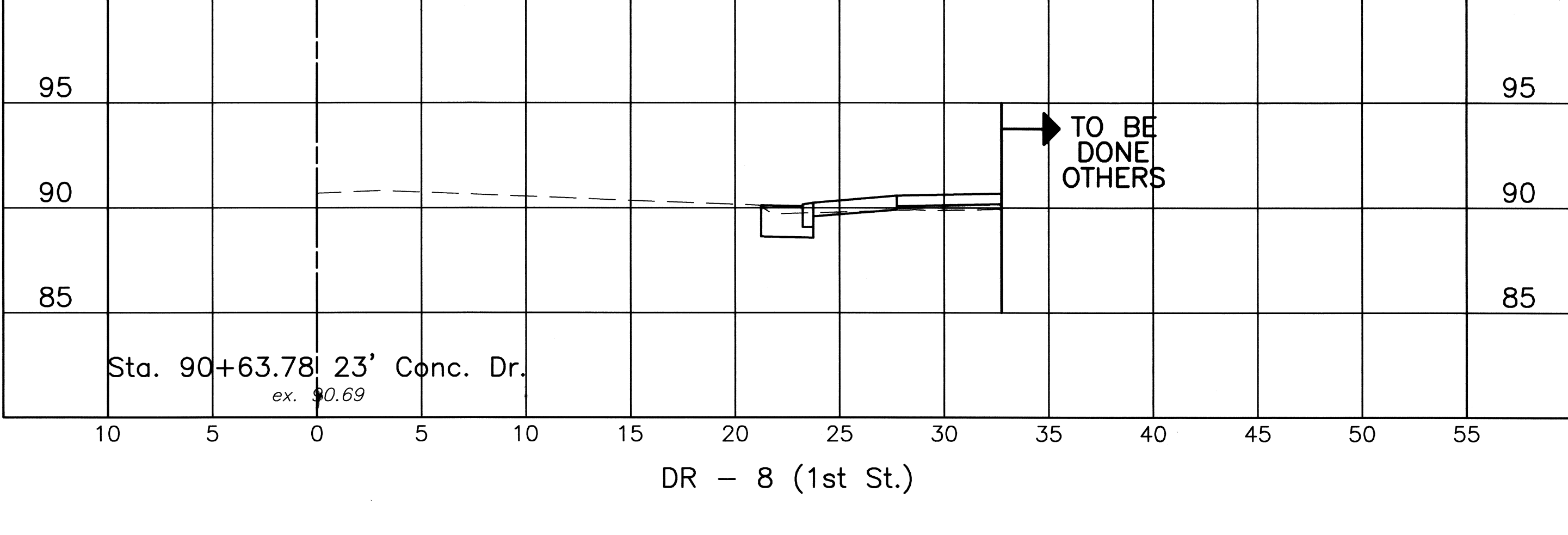
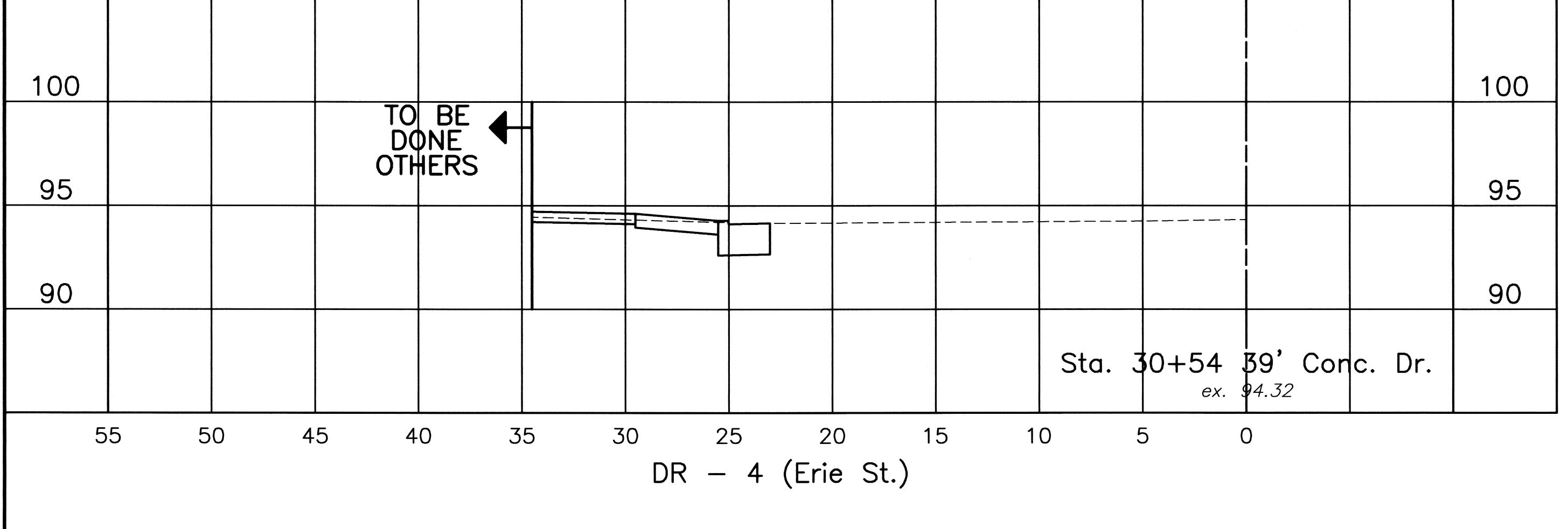
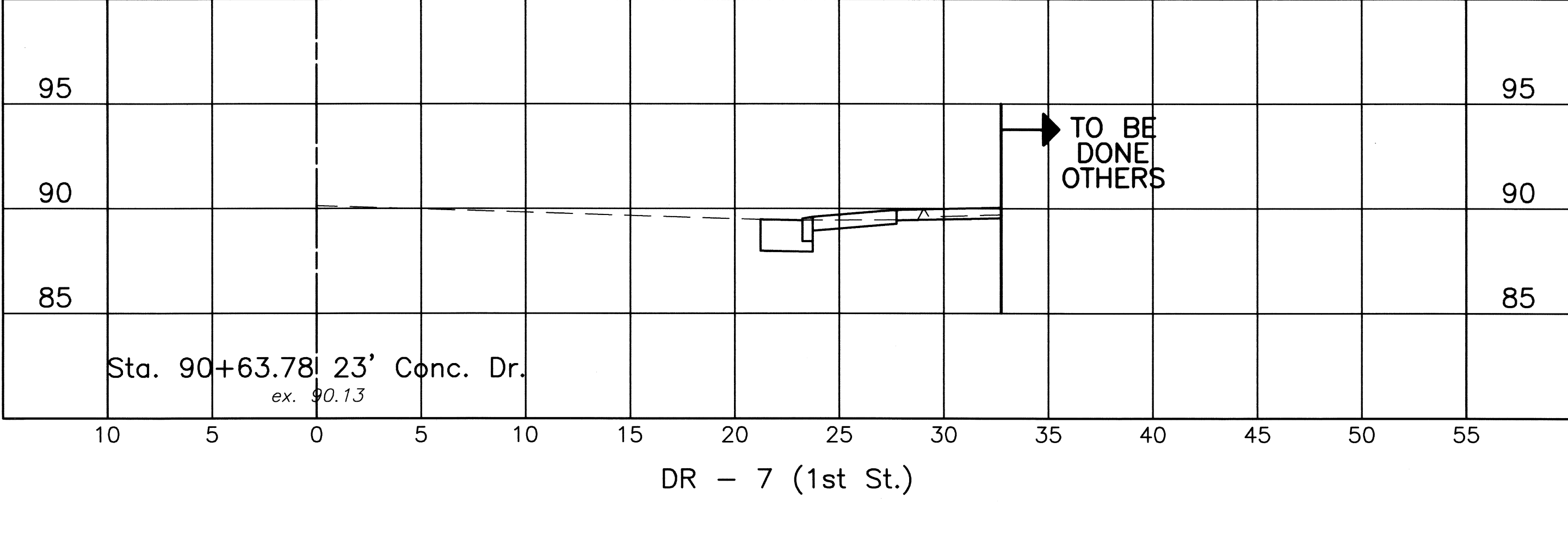
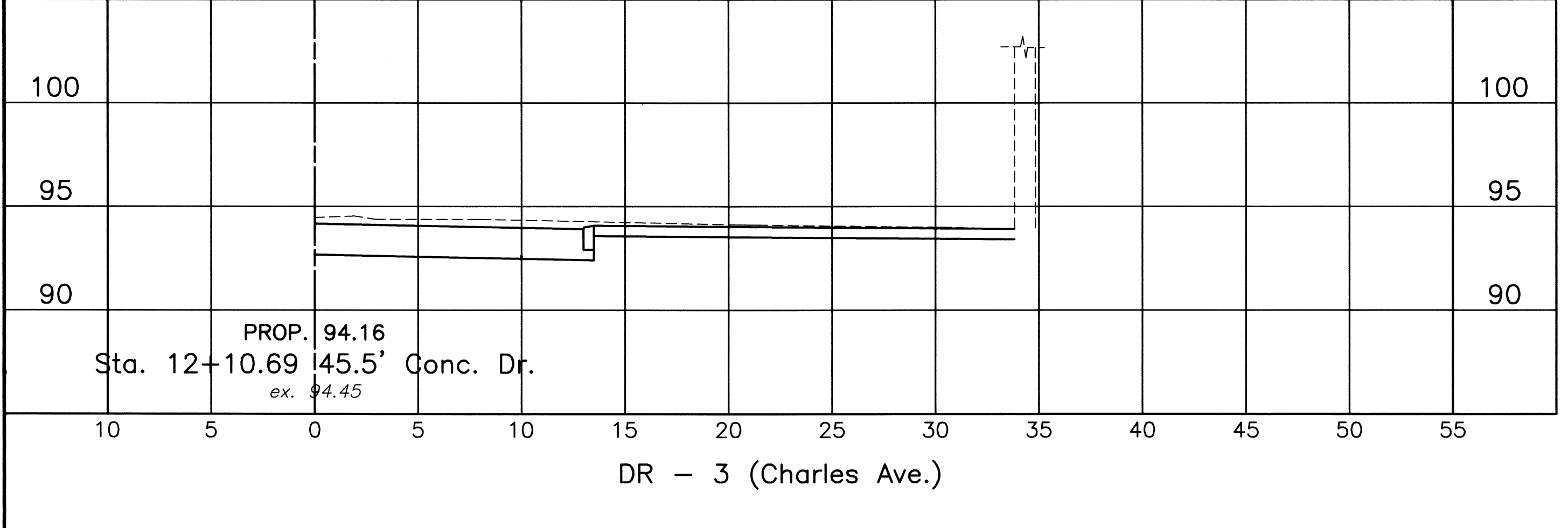
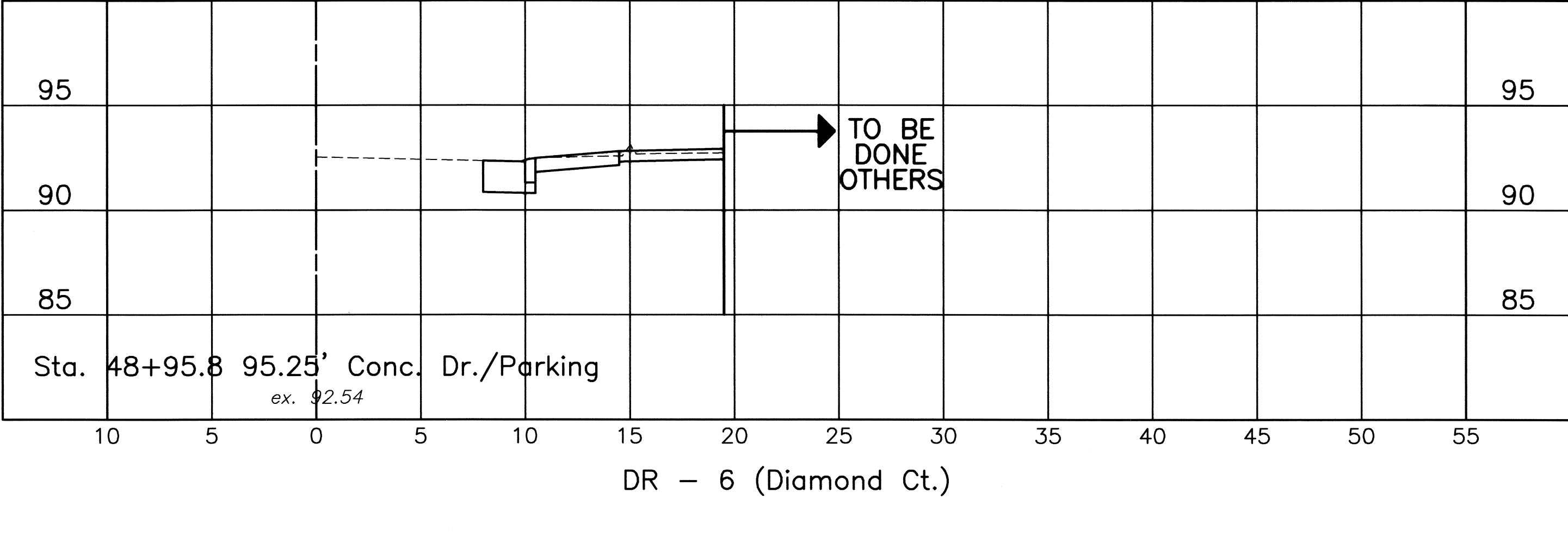
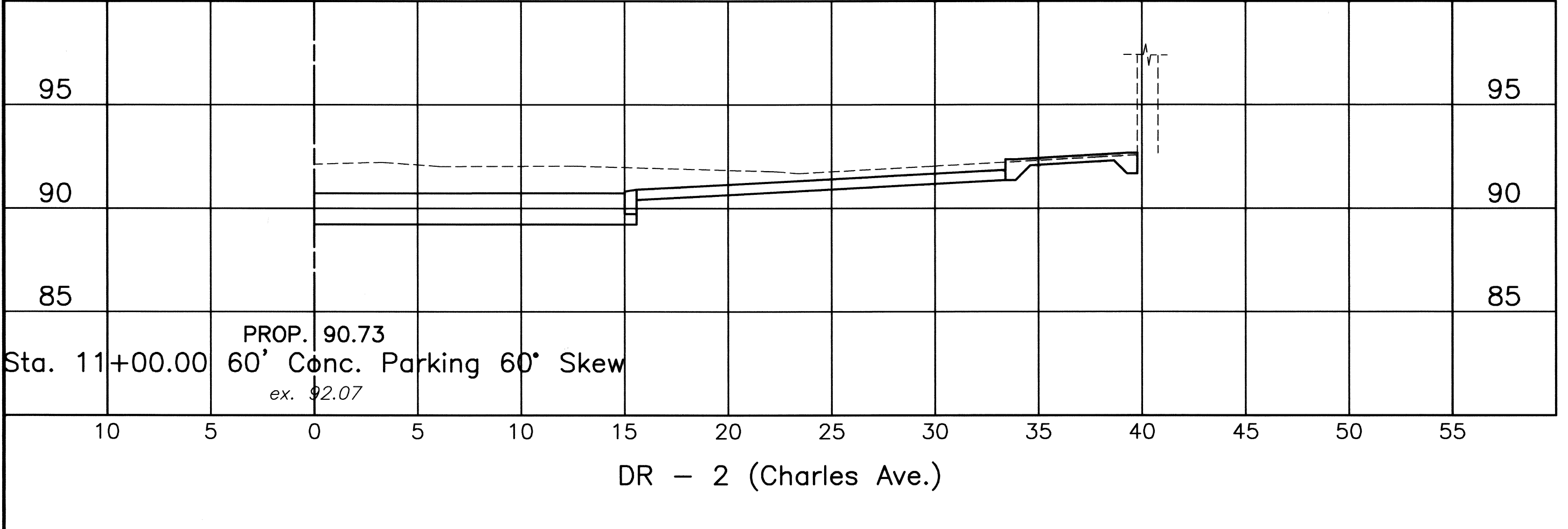
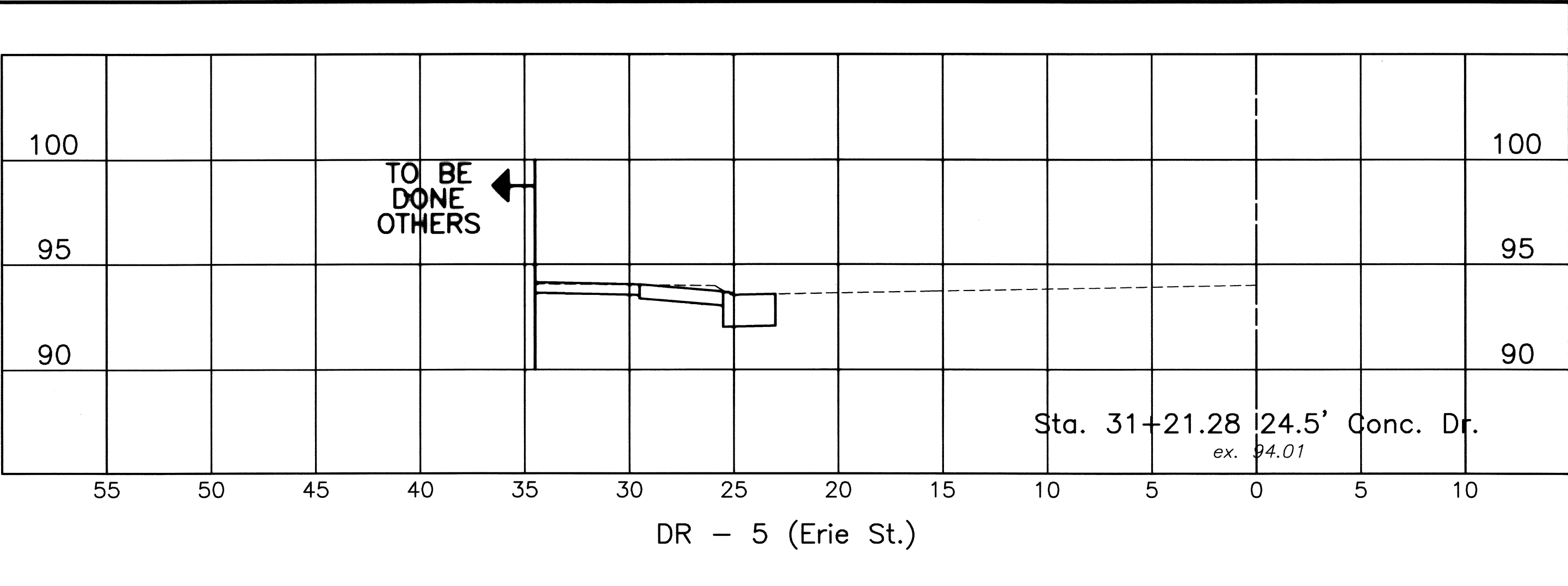
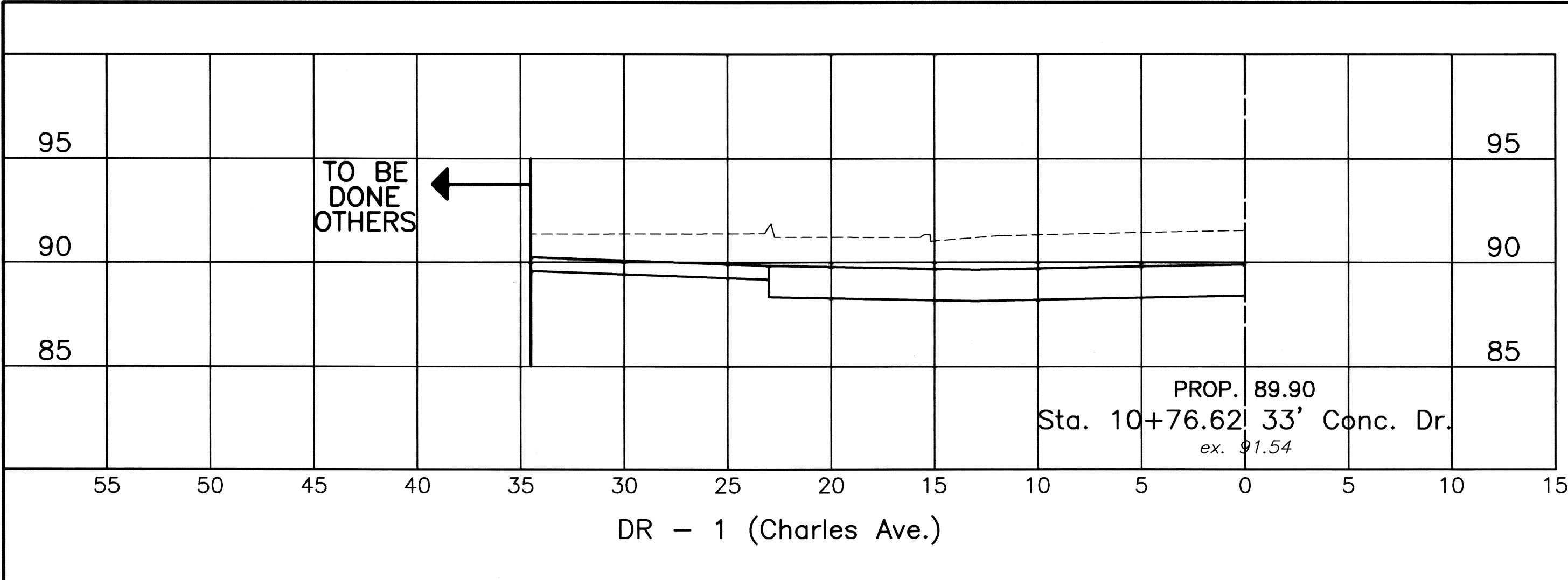
THE CITY OF MASSILLON, OHIO

Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:	
DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99GM0111.DWG

ACCOUNT NUMBER
99GM01



SCALE
VERTICAL
IN FEET
0 2.5 5 10

HORIZONTAL
SCALE IN FEET
5 2.5 0 5

DRAWN BY:
FPW

CHECKED BY:
SDH

DATE:
Aug. 11, 1999

DATE:
Aug. 12, 1999

Canal View Center Street Scope

Drive Profiles (Charles Ave. / Erie St. / Diamond Ct. / 1st St.)
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

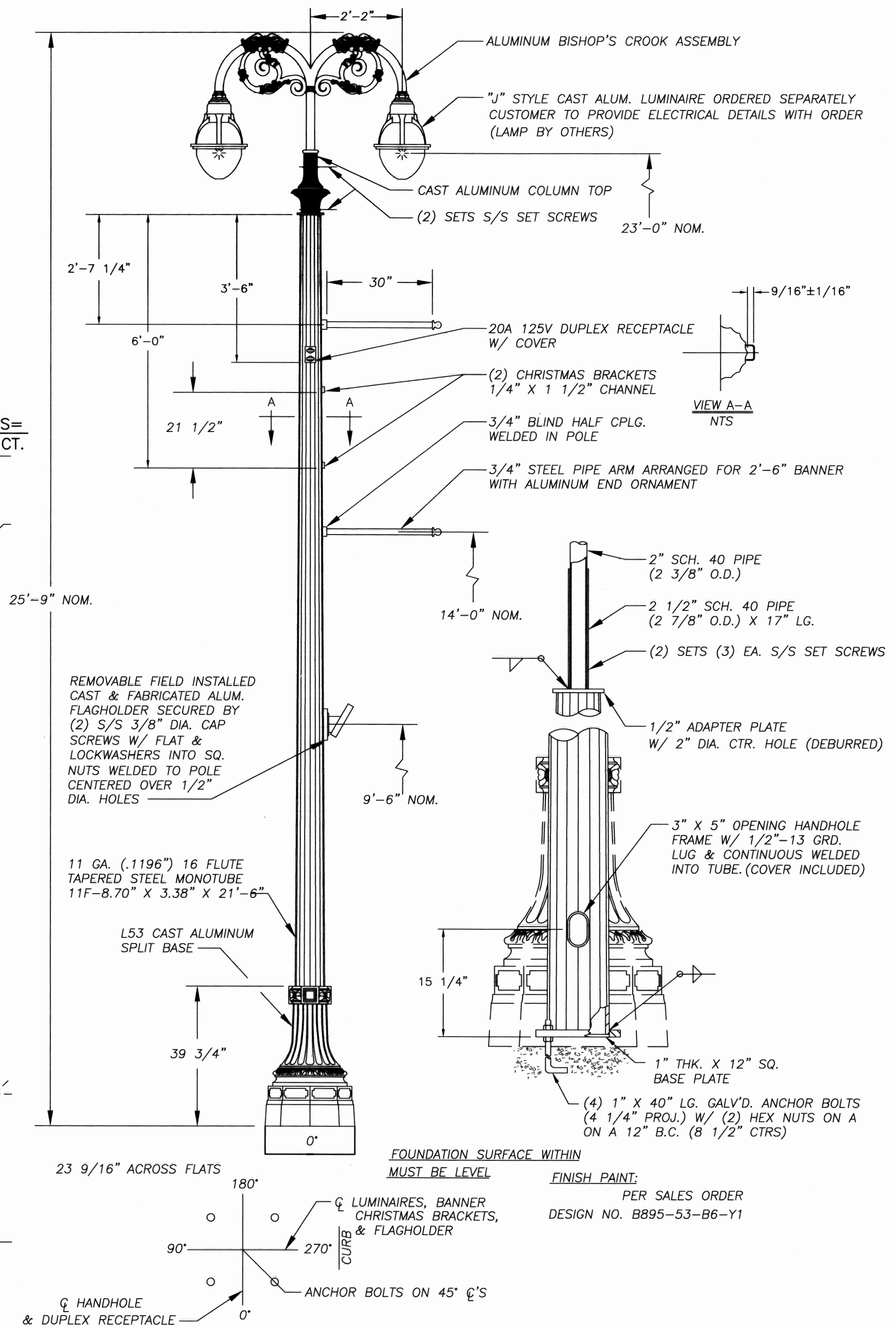
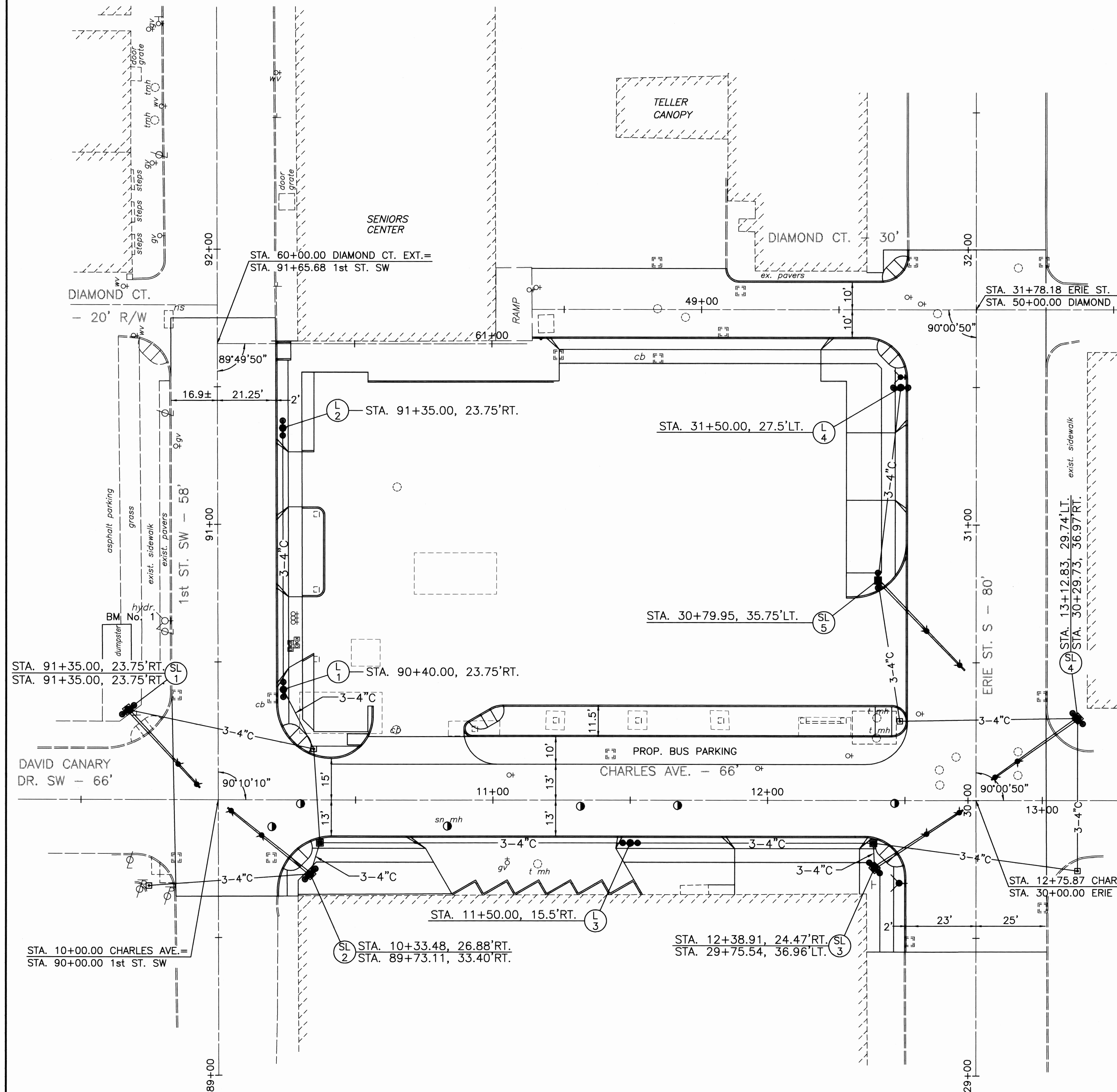
Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:

DATE	DESCRIPTION

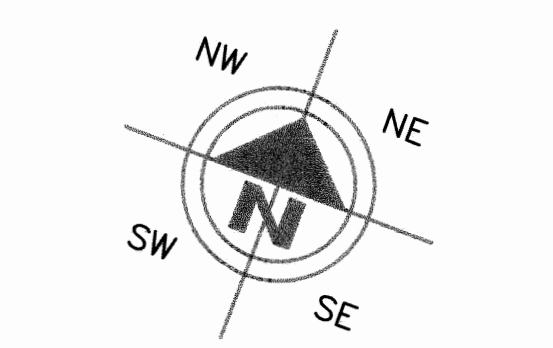
ELECTRONIC FILE NAME:
99GM0112.DWG

ACCOUNT NUMBER
99GM01



- LEGEND:
- MAST ARM WITH DOUBLE HEAD LIGHT
 - DOUBLE HEAD LIGHT
 - ITEM 713 - 3 - 4" CONDUIT

NOTES:
ALL APPURTENANCES TO INSTALL SPAN POLES SHALL BE INCLUDED IN THE POLE PRICE, THIS INCLUDES ALL FOUNDATIONS. FOUNDATIONS SHALL BE AS SPECIFIED BY MANUFACTURER.



HORIZONTAL SCALE IN FEET
20 10 0 10

DRAWN BY: FPW
CHECKED BY: SDH
DATE: Aug. 27, 1999
DATE: Aug. 30, 1999

Canal View Center Street Scape
Proposed Light Plan
City of Massillon
Stark County, Ohio

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

Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:	
DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99GM0113.DWG

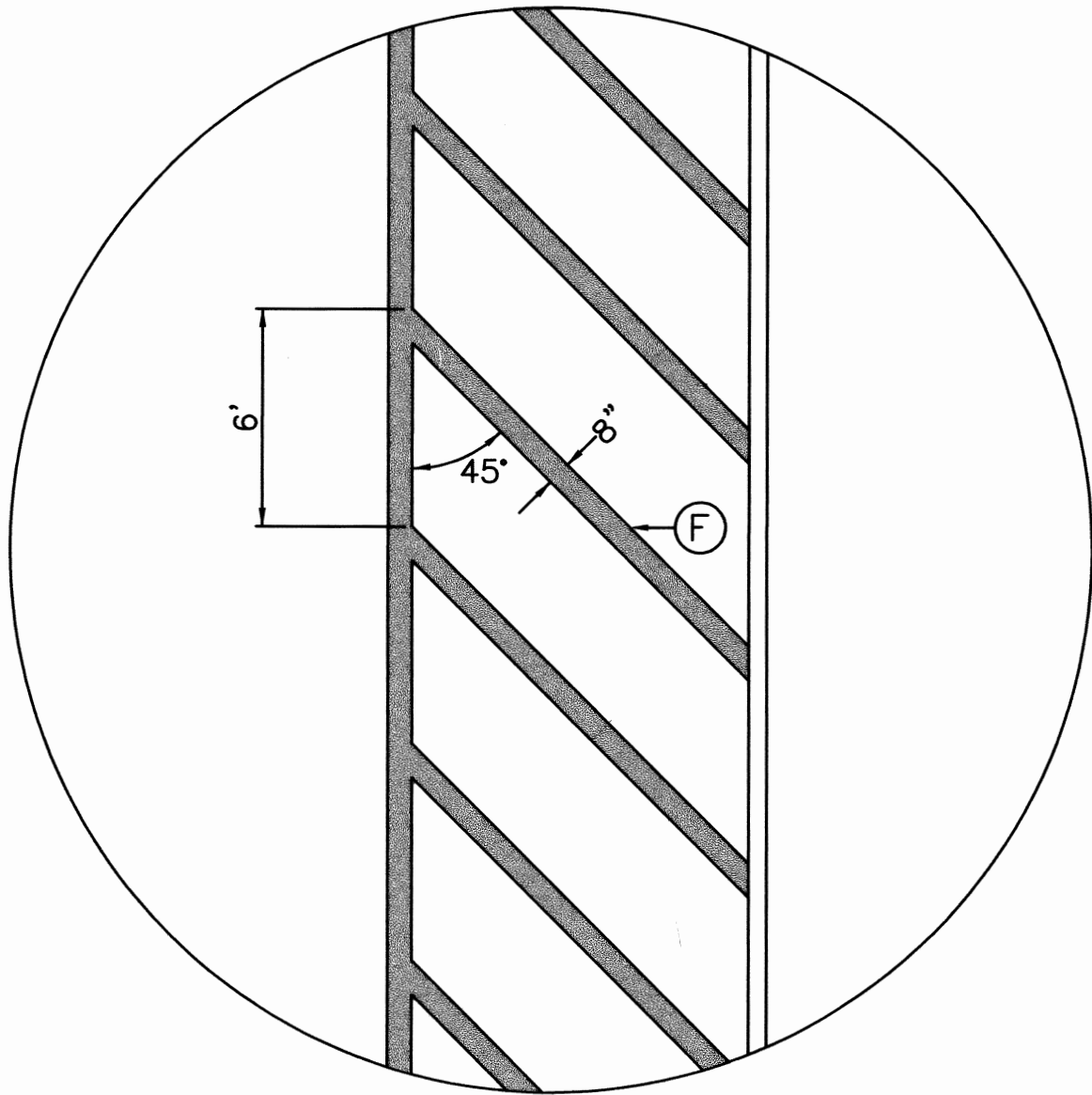
ACCOUNT NUMBER
99GM01

LEGEND

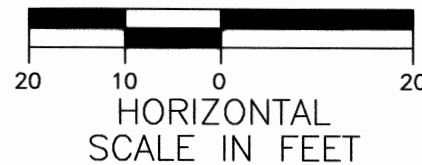
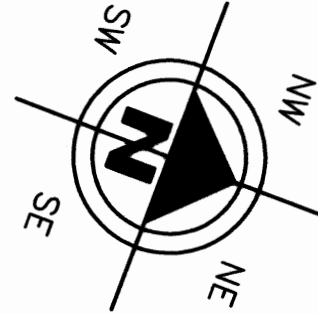
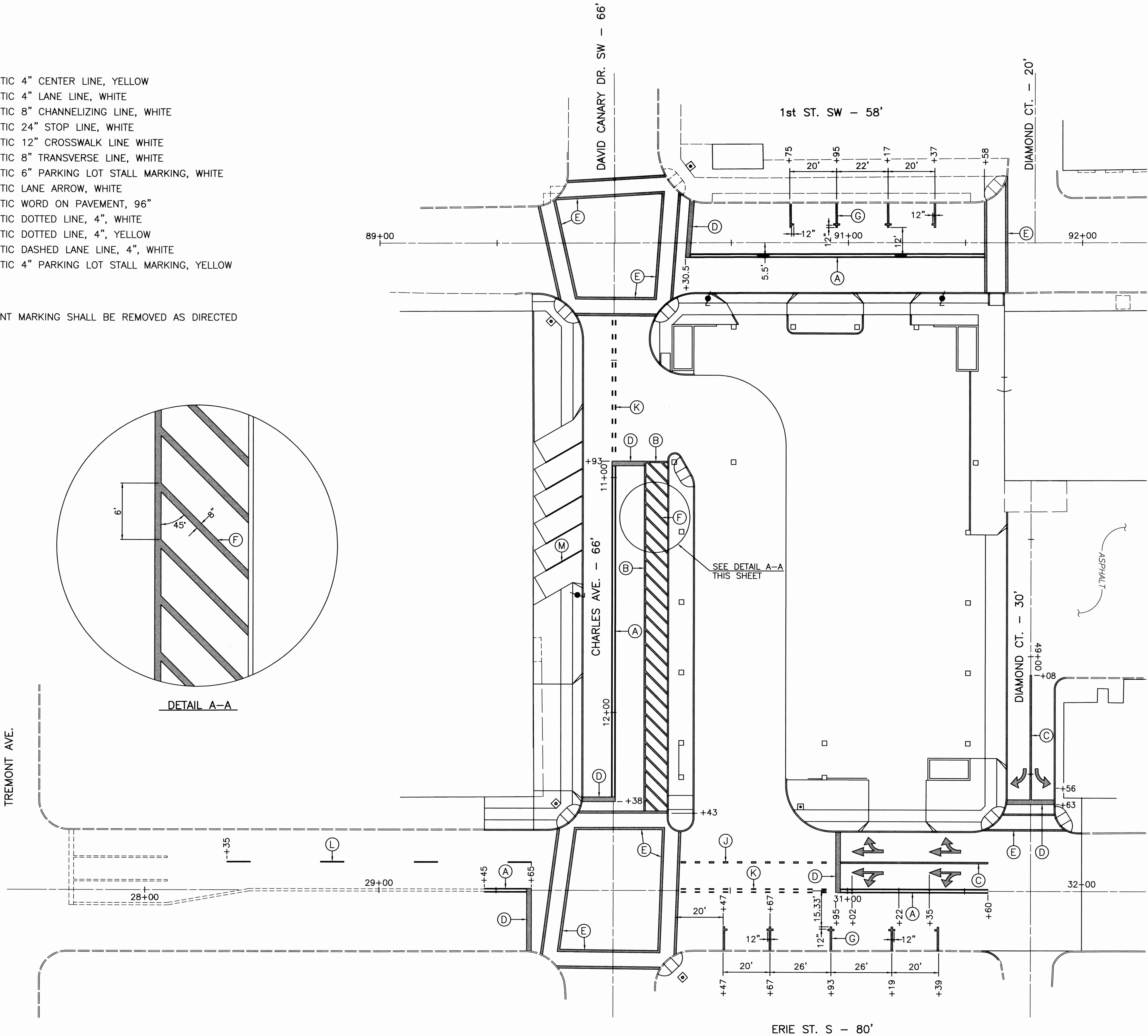
- (A) - THERMOPLASTIC 4" CENTER LINE, YELLOW
- (B) - THERMOPLASTIC 4" LANE LINE, WHITE
- (C) - THERMOPLASTIC 8" CHANNELIZING LINE, WHITE
- (D) - THERMOPLASTIC 24" STOP LINE, WHITE
- (E) - THERMOPLASTIC 12" CROSSWALK LINE WHITE
- (F) - THERMOPLASTIC 8" TRANSVERSE LINE, WHITE
- (G) - THERMOPLASTIC 6" PARKING LOT STALL MARKING, WHITE
- (H) - THERMOPLASTIC LANE ARROW, WHITE
- (I) - THERMOPLASTIC WORD ON PAVEMENT, 96"
- (J) - THERMOPLASTIC DOTTED LINE, 4", WHITE
- (K) - THERMOPLASTIC DOTTED LINE, 4", YELLOW
- (L) - THERMOPLASTIC DASHED LANE LINE, 4", WHITE
- (M) - THERMOPLASTIC 4" PARKING LOT STALL MARKING, YELLOW

NOTES

ALL EXIST. PAVEMENT MARKING SHALL BE REMOVED AS DIRECTED BY ENGINEER.



DETAIL A-A



DRAWN BY: FPW	CHECKED BY: SDH
DATE: Aug. 30, 1999	DATE: Sept. 1, 1999

Canal View Center Street Scope

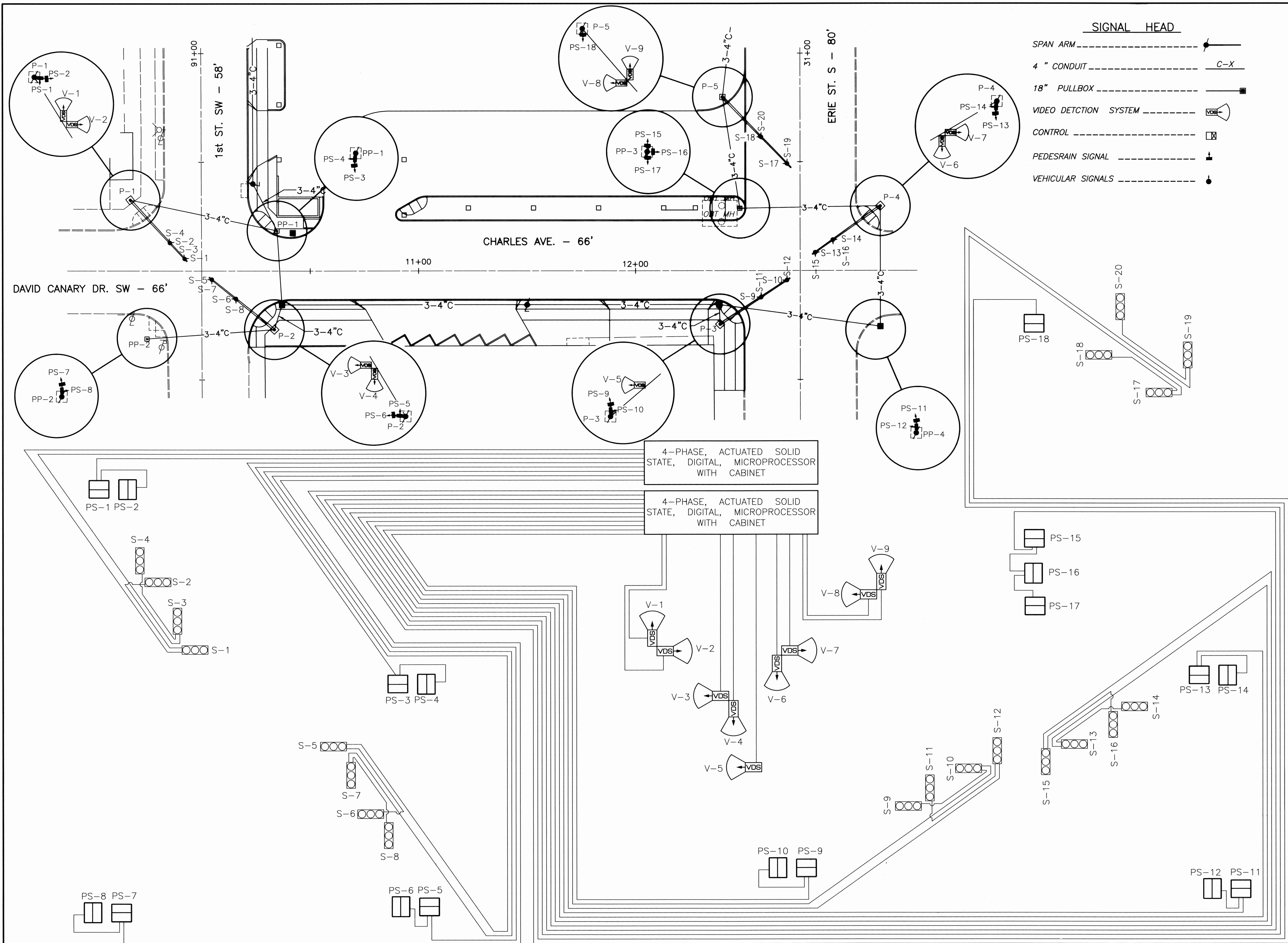
Proposed Pavement Marking Plan
City of Massillon
Stark County, Ohio

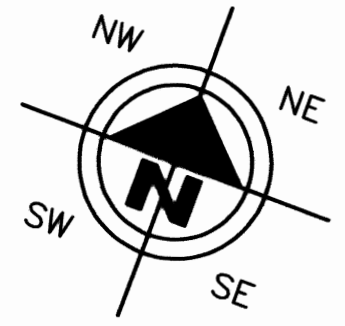
RT. 30 W. - RT. 30 E.
AT THE INDUSTRIAL GROESBOROUGH OF OHIO
RT. 21
THE CITY OF MASSILLON, OHIO

Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:	
DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99GM0114.DWG
ACCOUNT NUMBER
99GM01





HORIZONTAL SCALE IN FEET

20 10 0 10

DRAWN BY: FPW CHECKED BY: SDH

DATE: Sept. 9, 1999 DATE: Sept. 10, 1999

Canal View Center Street Scope

Proposed Traffic Control
City of Massillon
Stark County, Ohio

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

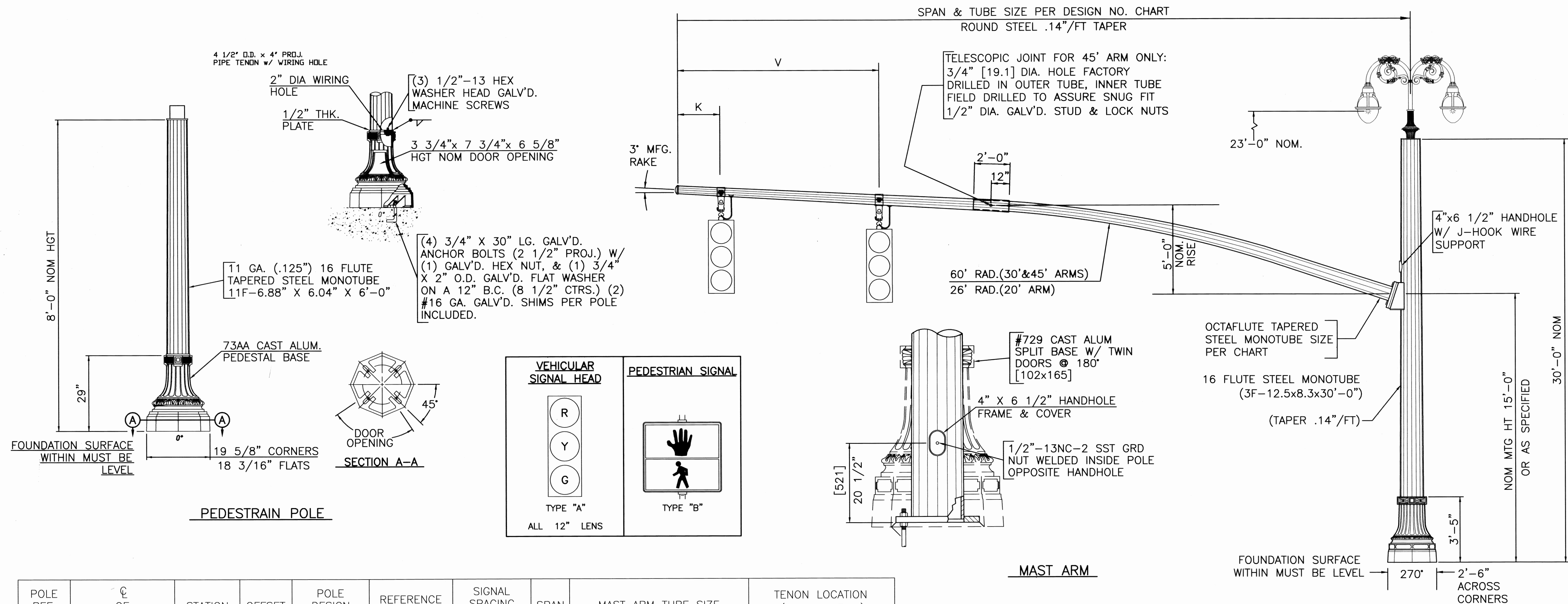
THE CITY OF MASSILLON, OHIO

Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:	
DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99GM0115.DWG

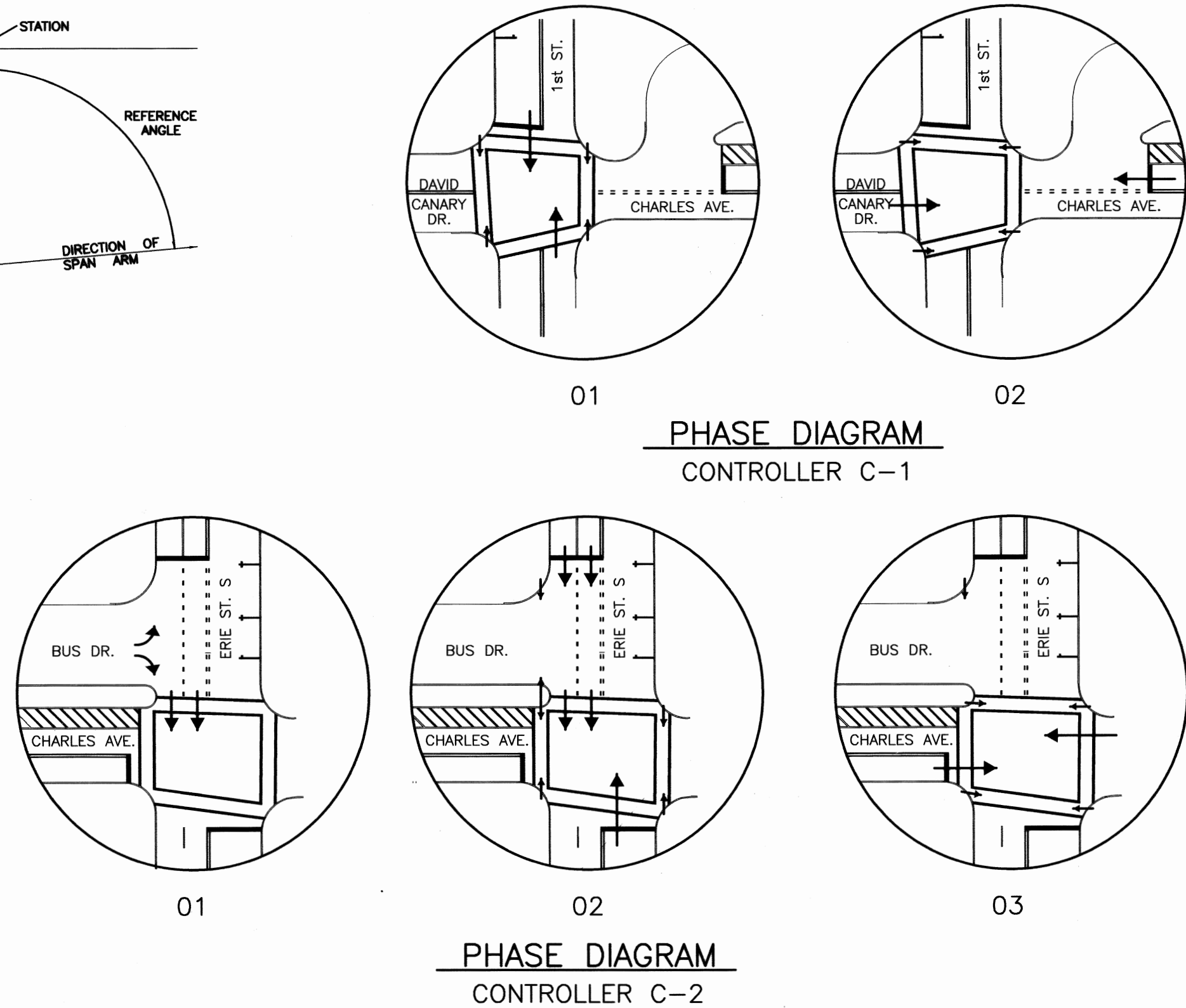
ACCOUNT NUMBER
98ST04



POLE REF. No.	C OF CONST.	STATION	OFFSET	POLE DESIGN TYPE	REFERENCE ANGLE	SIGNAL SPACING		SPAN	MAST ARM TUBE SIZE	TENON LOCATION (SECTION Z-Z)
						K	V			
P-1	1st ST.	90+32.67	32.80'LT.	SPAN ARM	312°40'39"	1.5'	11.5'	38	MANUFACTURE DESIGN	MANUFACTURE DESIGN
P-2	CHARLES AVE.	10+33.48	26.88'RT.	SPAN ARM	308°33'53"	1.5'	15.5'	38	MANUFACTURE DESIGN	MANUFACTURE DESIGN
P-3	CHARLES AVE.	12+38.91	24.46'RT.	SPAN ARM	56°56'13"	1.5'	15.5'	38	MANUFACTURE DESIGN	MANUFACTURE DESIGN
P-4	ERIE ST.	30+29.73	36.97'RT.	SPAN ARM	324°38'30"	1.5'	11.5'	38	MANUFACTURE DESIGN	MANUFACTURE DESIGN
P-5	ERIE ST.	30+79.95	35.75'LT.	SPAN ARM	313°58'21"	2'	13'	45'	MANUFACTURE DESIGN	MANUFACTURE DESIGN
P-1	CHARLES AVE.	10+34.75	18.50'LT.	PEDESTRAIN						
P-2	CHARLES AVE.	9+74.74	31.19'RT.	PEDESTRAIN						
P-3	CHARLES AVE.	12+48.05	28.75'LT.	PEDESTRAIN						
P-4	CHARLES AVE.	13+12.83	26.18'RT.	PEDESTRAIN						

CONTROLLER (C-1)														
SIGNAL REF. No.	LOCATION	SIGNAL TYPE	PHASE 1			PHASE 2			PHASE 3			PHASE 4		
			INTERVAL			INTERVAL			INTERVAL			INTERVAL		
			1	2	3	1	2	3	1	2	3	1	2	3
S-1	P-1	A	R	R	R	G	Y	R						
S-2	P-1	A	R	R	R	G	Y	R						
S-3	P-1	A	G	Y	R	R	R	R						
S-4	P-1	A	G	Y	R	R	R	R						
S-5	P-2	A	R	R	R	G	Y	R						
S-6	P-2	A	R	R	R	G	Y	R						
S-7	P-2	A	G	Y	R	R	R	R						
S-8	P-2	A	G	Y	R	R	R	R						
PS-1	P-1	B	W	FDW	DW	DW	DW	DW						
PS-2	P-1	B	DW	DW	DW	W	FDW	DW						
PS-3	PP-1	B	W	FDW	DW	DW	DW	DW						
PS-4	PP-1	B	DW	DW	DW	W	FDW	DW						
PS-5	P-2	B	W	FDW	DW	DW	DW	DW						
PS-6	P-2	B	DW	DW	DW	W	FDW	DW						
PS-7	PP-2	B	W	FDW	DW	DW	DW	DW						
PS-8	PP-2	B	DW	DW	DW	W	FDW	DW						

SIGNAL REF. No.	LOCATION	SIGNAL TYPE	PHASE 1			PHASE 2			PHASE 3			PHASE 4		
			INTERVAL			INTERVAL			INTERVAL			INTERVAL		
			1	2	3	1	2	3	1	2	3	1	2	3
S-9	P-3	A	R	R	R	R	R	R	G	Y	R			
S-10	P-3	A	R	R	R	R	R	R	G	Y	R			
S-11	P-3	A	G	G	G	G	Y	R	R	R	R			
S-12	P-3	A	G	G	G	G	Y	R	R	R	R			
S-13	P-4	A	R	R	R	R	R	R	G	Y	R			
S-14	P-4	A	R	R	R	R	R	R	G	Y	R			
S-15	P-4	A	R	R	R	G	Y	R	R	R	R			
S-16	P-4	A	R	R	R	G	Y	R	R	R	R			
S-17	P-5	A	G	Y	R	R	R	R	R	R	R			
S-18	P-5	A	G	Y	R	R	R	R	R	R	R			
S-19	P-5	A	R	R	R	G	Y	R	R	R	R			
S-20	P-5	A	R	R	R	G	Y	R	R	R	R			
PS-9	P-3	B	DW	DW	DW	W	FDW	DW	DW	DW	DW			
PS-10	P-3	B	DW	DW	DW	DW	DW	DW	W	FDW	DW			
PS-11	PP-4	B	DW	DW	DW	W	FDW	DW	DW	DW	DW			
PS-12	PP-4	B	DW	DW	DW	DW	DW	DW	W	FDW	DW			
PS-13	P-4	B	DW	DW	DW	W	FDW	DW	DW	DW	DW			
PS-14	P-4	B	DW	DW	DW	DW	DW	DW	W	FDW	DW			
PS-15	PP-3	B	DW	DW	DW	W	FDW	DW	DW	DW	DW			
PS-16	PP-3	B	DW	DW	DW	DW	DW	DW	W	FDW	DW			
PS-17	PP-3	B	DW	DW	DW	W	FDW	DW	DW	DW	DW			
PS-18	P-5	B	DW	DW	DW	W	FDW	DW	DW	DW	DW			



NOTES

ALL APPURTENANCES TO INSTALL SPAN POLES SHALL BE INCLUDED IN THE POLE PRICE, THIS INCLUDES ALL FOUNDATIONS. FOUNDATIONS SHALL BE AS SPECIFIED BY MANUFACTURER.

NOT TO SCALE
 VELOCITY
 SCALE

HORIZONTAL SCALE IN FEET

DRAWN BY:
FPW
DATE:
Aug. 17, 1999

CHECKED BY:
SDH
DATE:
Aug. 18, 1999

Canal View Center Street Scope

Traffic Control Details
City of Massillon
Stark County, Ohio

RT. 30 W.
AT THE INDUSTRIAL
RT. 31

RT. 30 E.
CROSSROADS OF OHIO
RT. 31

THE CITY OF MASSILLON, OHIO

Francis H. Cicchinelli, Jr.
Mayor

REVISIONS:	
DATE	DESCRIPTION

ELECTRONIC FILE NAME:
99GM0116.DWG

ACCOUNT NUMBER
99GM01

16
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