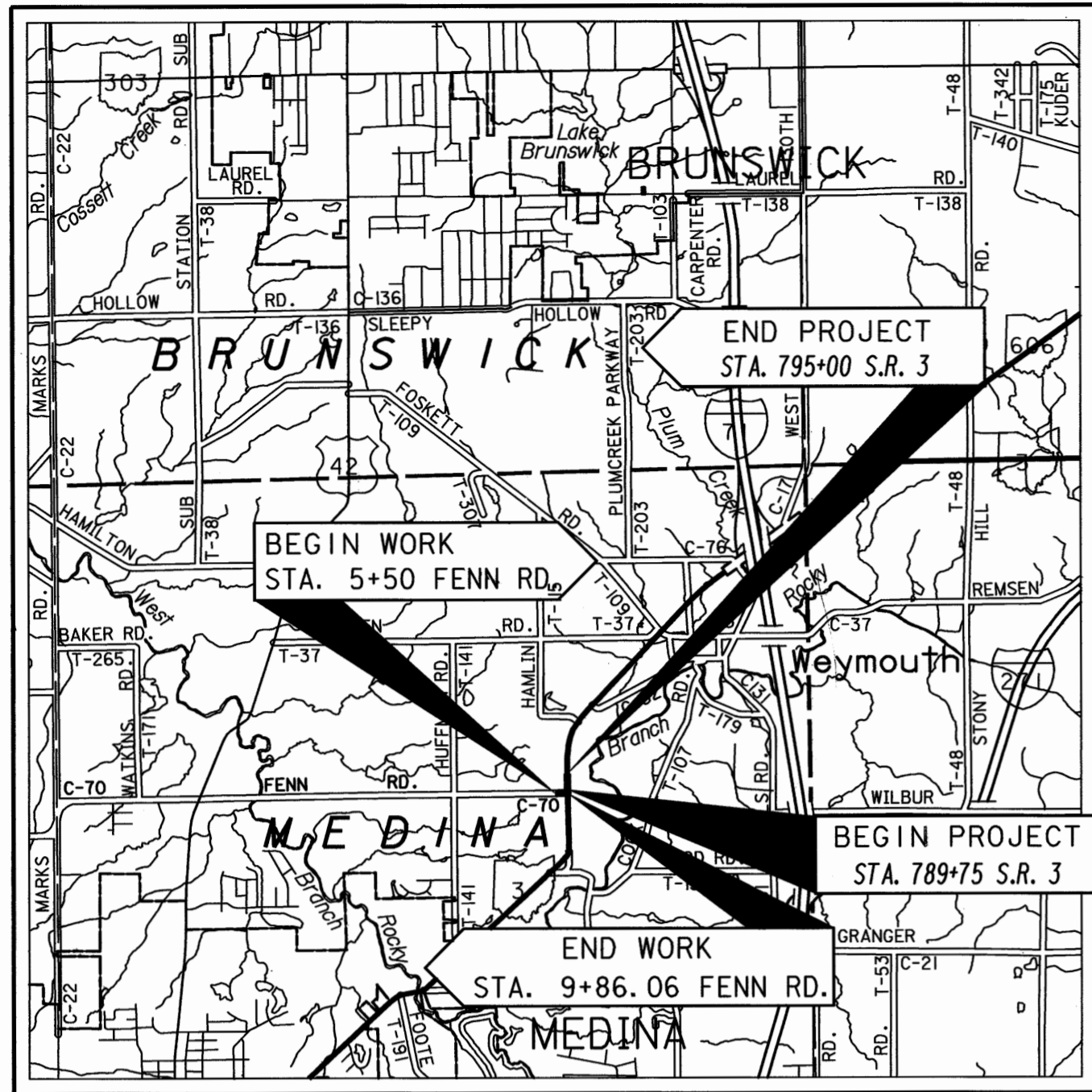


STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

MICROFILMED  
MAY 28 1997

# MED-3-14.95

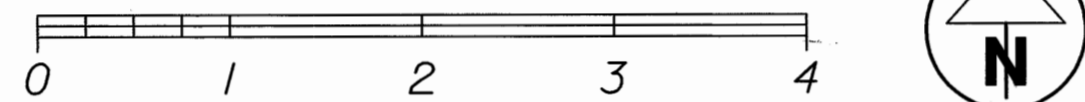
## MEDINA TOWNSHIP MEDINA COUNTY



LOCATION MAP

LATITUDE: N41°10'12" LONGITUDE: W81°48'54"

SCALE IN MILES



PORTION TO BE IMPROVED \_\_\_\_\_  
STATE & FEDERAL ROUTES \_\_\_\_\_  
OTHER ROADS \_\_\_\_\_

DESIGN DESIGNATION

CURRENT ADT (1994) \_\_\_\_\_ 14,600  
DESIGN YEAR ADT (2014) \_\_\_\_\_ 19,000  
DESIGN HOURLY VOLUME (2013) \_\_\_\_\_ 1500  
DIRECTIONAL DISTRIBUTION \_\_\_\_\_ 55%  
TRUCKS (24 HOUR B&C) \_\_\_\_\_ 5%  
DESIGN SPEED \_\_\_\_\_ 55 MPH  
LEGAL SPEED \_\_\_\_\_ 55 MPH  
DESIGN FUNCTIONAL CLASSIFICATION -  
MAJOR COLLECTOR

DESIGN EXCEPTIONS

NONE REQUIRED

**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:  
OHIO DEPARTMENT OF TRANSPORTATION  
BUREAU OF DESIGN SERVICES  
TRAFFIC CONTROL SECTION  
COLUMBUS, OHIO

INDEX OF SHEETS:

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STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	2/21/92	TC-41.40	6/18/79		
BP-4.1	2/21/92	TC-52.10	4/03/79		
		TC-52.20	4/03/79		
HW-4A	4/01/80	TC-71.10	9/10/91		
HW-4B	4/01/80	TC-81.10	1/20/84		
		TC-82.10	8/29/84		
MC-4	7/26/76	TC-83.20	1/20/84		
MC-11	8/01/78	TC-84.20	1/20/84		
HL-20.11	5/01/87	MT-95.31	10/10/88		
HL-30.11	5/01/87	MT-95.32	8/25/89		
HL-60.11	5/01/87	MT-97.10	4/29/88		
		MT-97.11	10/04/89		
TC-21.20	9/01/92	MT-105.10	7/01/92		
TC-35.10	8/29/84	MT-105.11	7/01/92		
TC-41.20	6/21/94				

PROJECT DESCRIPTION

UPGRADING 0.06 MILES OF S.R. 3 BY WIDENING AND ALSO THE UPGRADING OF 0.18 MILES OF FENN RD. BY RECONSTRUCTING THE VERTICAL PROFILE.

INSTALLATION OF A PERMANENT TRAFFIC SIGNAL TO REPLACE THE TEMPORARY TRAFFIC SIGNAL NOW LOCATED AT THE INTERSECTION OF S.R. 3 AND FENN RD.

1995 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF S.R. 3 BUT WILL REQUIRE THE CLOSING TO TRAFFIC OF FENN RD. AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH IN THE PLANS AND ESTIMATES.

APPROVED James D. Mawhoo  
DATE 3-22-95 DISTRICT DEPUTY DIRECTOR

APPROVED Jerry Wray  
DATE 8-14-95 DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO.  
**NONE**

PID NO.  
**11787**

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT  
**NONE**

**MED-3-14.95**

MED-3-14.95  
960403  
31 PGS

05-22-96  
DIST. 03

**UNDERGROUND UTILITIES:**  
The locations of underground utilities shown on the plans are as obtained from the owners of the utility as required by Section 153.64 of the Ohio Revised Code

**UNDERGROUND OWNERSHIP:**  
The following utilities and owners are located within the work limits of this project.

AT&T COMMUNICATIONS  
15821 C.R. 15  
BLUFFTON, OHIO 45817  
(419) 859-2196

COLUMBIA GAS OF OHIO, INC.  
827 WALNUT STREET  
ELYRIA, OHIO 44035  
(216) 323-5551

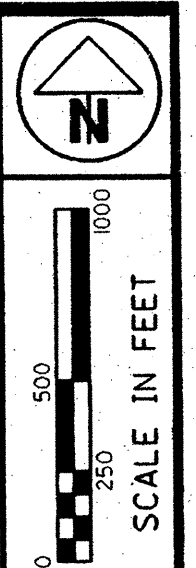
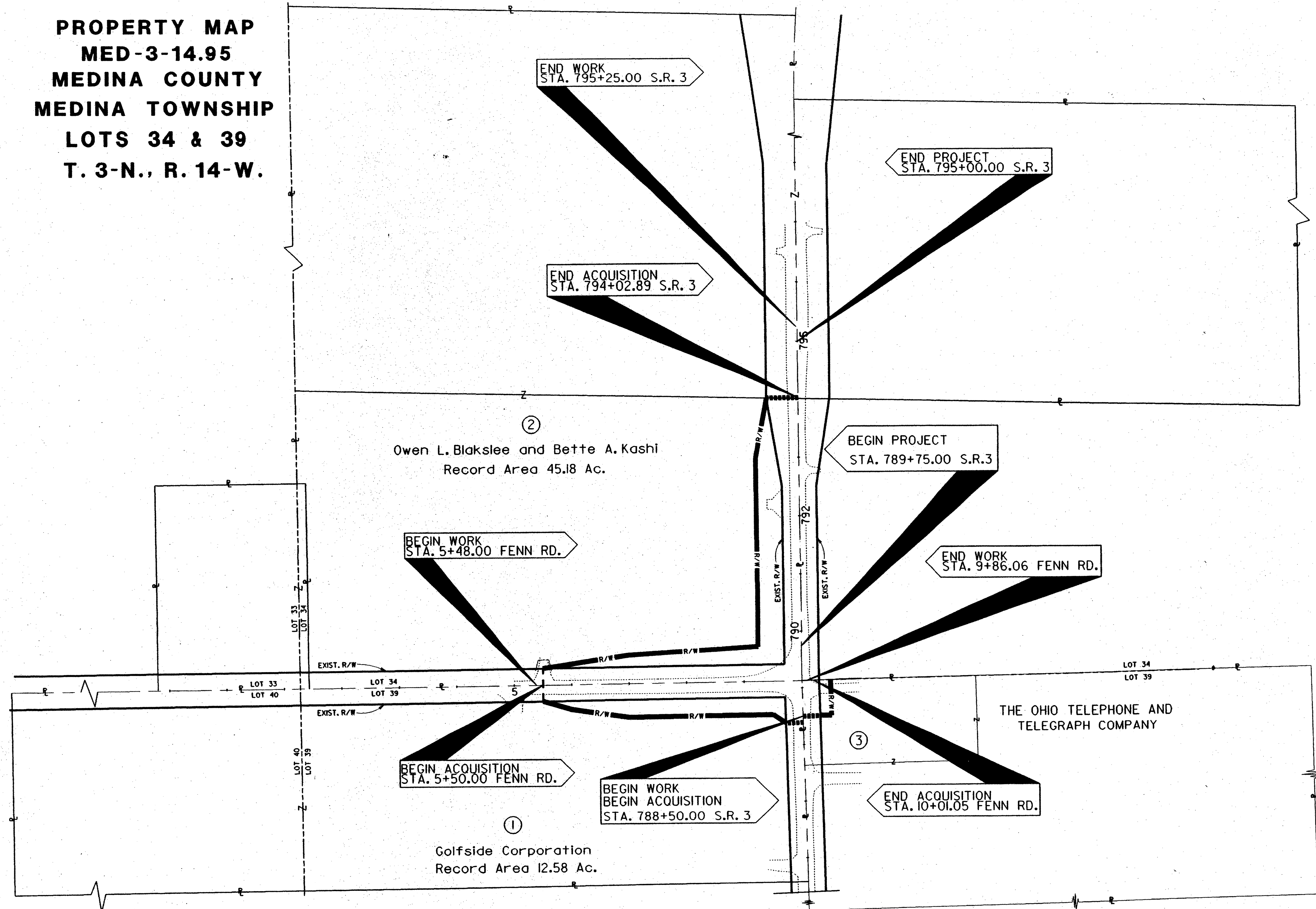
GTE TELEPHONE OPERATIONS-NORTH AREA  
6223 NORWALK ROAD  
MEDINA, OHIO 44256  
(216) 722-9580

MEDINA COUNTY SANITARY ENGINEER  
791 WEST SMITH ROAD  
P.O. BOX 825  
MEDINA, OHIO 44156  
(216) 723-3641

OHIO EDISON CO.  
76 S. MAIN STREET  
AKRON, OHIO 44308  
1-800-321-0468

VIKING RESOURCES  
P.O. BOX 160  
DEERFIELD, OHIO 44411  
(216) 654-4343

**PROPERTY MAP  
MED-3-14.95  
MEDINA COUNTY  
MEDINA TOWNSHIP  
LOTS 34 & 39  
T. 3-N., R. 14-W.**



FEDERAL PROJECT NO. NONE  
STATE JOB NO. 633031

**PROPERTY MAP**

**MED-3-14.95**

**SUMMARY OF ADDITIONAL RIGHT OF WAY**

P.I.D. NO. 11787  
R/W JOB NO. 633031

- 3 OWNERSHIPS
- 0 TOTAL TAKES
- 0 OWNERSHIPS W/ STRUCTURES INVOLVED
- 0 OWNERSHIPS W/ "P" ITEMS

PARCEL NO.	OWNER	SHEET NO.	OWNER'S RECORD		AUDITOR'S PARCEL	RECORD AREA (AC.)	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS & PERSONALTY	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
1	Golfside Corporation	3 & 4	0.R. 829	395	026-06D-02-050	12.58	1,158	0.591	0.341	0.250	NO		11.72	STATE		OR 1116	134
2	Owen L. Blakslee and Bette A. Kashi Viola C. Blakslee L.E.	3 & 4	0.R. 334	506	026-06B-34-007	45.18	3,776	1,246	0.670	0.576	NO	40.828		STATE		785	239
3	THE OHIO TELEPHONE AND TELEGRAPH COMPANY Medina Twp Trustees	3 & 4	320	280	026-06B-34-005	37.36	0.816	0.072	0.044	0.028	NO		36.516	STATE		OR 1166	638

REV	DATE
PLAN COMPLETED: 6/27/95	

2-4  
29  
31

DESIGN FILE: 21-310-MED-3-14.95-11 DATE: 6/27/95



**CROSSINGS AND CONNECTIONS 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 ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 603 CONDUIT ITEM.

**PIPE CONNECTIONS TO CORRUGATED METAL STRUCTURES**

CONNECTIONS OF PROPOSED LONGITUDINAL DRAINAGE TO CORRUGATED METAL STRUCTURES SHALL BE MADE BY MEANS OF A SHOP FABRICATED OR FIELD WELDED STUB ON THE STRUCTURE. THE STUB SHALL MEET THE REQUIREMENTS OF 707 AND HAVE A MINIMUM LENGTH OF TWO FEET AND A MINIMUM WALL THICKNESS OF 0.064 INCHES.

THE LOCATION AND ELEVATION OF THE STUB ARE TO BE CONSIDERED APPROXIMATE AND MAY BE ADJUSTED BY THE ENGINEER TO AVOID CUTTING THROUGH JOINTS IN THE STRUCTURE.

THE FIELD WELDED JOINT, IF USED, SHALL BE THOROUGHLY CLEANED AND REGALVANIZED OR OTHERWISE SUITABLY REPAIRED. WELDING SHALL MEET THE REQUIREMENTS OF 513.17.

A MASONRY COLLAR, AS PER STANDARD DRAWING MC-4, WILL BE REQUIRED TO CONNECT THE LONGITUDINAL DRAINAGE TO THE STUB, WHEN PIPE OTHER THAN CORRUGATED METAL IS PROVIDED FOR THE LONGITUDINAL DRAINAGE.

PAYMENT FOR CUTTING INTO THE STRUCTURE AND PROVIDING THE CONNECTION DESCRIBED, SHALL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM 603 OR 522.

**ELEVATION DATUM**

ALL ELEVATIONS ARE BASED ON U. S. G. S. DATUM.

**ITEM 605, AGGREGATE DRAINS**

AGGREGATE DRAINS SHALL BE PLACED AT FIFTY (50) FOOT INTERVALS ON EACH SIDE OF NORMAL CROWNED SECTIONS, STAGGERED SO THAT EACH DRAIN IS 25 FEET FROM THE ADJACENT DRAIN ON THE OPPOSITE AND AT TWENTY-FIVE (25) FOOT INTERVALS ON THE LOW SIDE ONLY OF SUPERELEVATED SECTIONS. AN AGGREGATE DRAIN SHALL BE PLACED AT THE LOW POINT OF EACH SAG VERTICAL CURVE.

**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. QUANTITY CALCULATIONS FOR ITEM 659, SEEDING AND MULCHING, ARE BASED ON THESE LIMITS.

**WATERING PERMANENT SEEDED AREAS**

THE FOLLOWING ESTIMATED QUANTITY IS TO BE USED AS DIRECTED BY THE ENGINEER TO PROMOTE GROWTH AND TO CARE FOR PERMANENT SEEDED AREAS AS PER 659.09:

659, WATER 7 M. GAL.

**WORK LIMITS**

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

**ROUNDING**

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLY TO ALL CROSS SECTIONS EVEN THOUGH OTHERWISE SHOWN.

**REMOVAL OF TREES OR STUMPS**

ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING. THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED:

SIZES	NO. TREES	NO. STUMPS	TOTAL
18"	0	0	0
30"	2	1	3
36"	0	1	1
48"	0	0	0
60"	0	0	0

**CONTINGENCY QUANTITIES**

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

**UTILITIES**

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

NATURAL GAS: COLUMBIA GAS OF OHIO  
827 WALNUT STREET  
ELYRIA, OHIO 44035  
216-323-5551

NATURAL GAS: VIKING RESOURCES  
P.O. BOX 160  
DEERFIELD, OHIO 44411

ELECTRIC: OHIO EDISON COMPANY  
76 SOUTH MAIN STREET  
AKRON, OHIO 44308  
216-384-7928

WATER LINES: MEDINA COUNTY SANITARY  
P. O. BOX 542  
MEDINA, OHIO 44258  
216-723-9585

SANITARY SEWER: MEDINA COUNTY SANITARY  
P. O. BOX 542  
MEDINA, OHIO 44258  
216-723-9585

TELEPHONE: GTE TELEPHONE OPERATIONS  
6223 NORWALK ROAD  
P. O. BOX 585  
MEDINA, OHIO 44256  
216-722-9584

**TEMPORARY SOIL EROSION AND SEDIMENT CONTROL**

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:

207, STRAW OR HAY BALES 50 EACH

**EROSION CONTROL**

ITEM 670 IS PROVIDED IN THE PLANS FOR EROSION CONTROL. ROCK OF A STABLE NATURE SHALL NOT BE REMOVED IN ORDER TO PLACE ITEM 670 TURF OF STABLE NATURE SHALL NOT BE REMOVED IN ORDER TO PLACE 670 THE ENGINEER SHALL CHECK AND NON-PERFORM QUANTITIES OR ADJUST LOCATIONS AND QUANTITIES OF THESE ITEMS WHERE INDICATED BY FIELD CONDITIONS DURING CONSTRUCTION. IN ADDITION, THESE ITEMS SHALL MEET THE REQUIREMENT OF 108.04.

**ITEM SPECIAL-MAILBOX SUPPORT**

THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS, AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISHED BY THE ENGINEER.

WOOD POSTS SHALL BE NOMINAL 4" X4" SQUARE OR 4-1/2" DIAMETER ROUND, AND CONFORM TO 710.14.

STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2" I. D., AND CONFORM TO AASHTO M 181.

HARDWARE (PLATES, SCREWS, BOLTS, ETC.) SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL.

POSTS SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03, AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE.

SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST.

THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON HIS PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS. TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.12. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS FOR PERMANENT INSTALLATIONS SHALL APPLY.

MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL MAILBOX SUPPORT, SINGLE OR DOUBLE.

**UNDERGROUND UTILITIES**

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

CALCULATED  
99C  
CHECKED  
AB

GENERAL NOTES

MED-3-14.95

**COVERING OF SIGNS**

WHERE THE PLANS CALL FOR A PERMANENT SIGN TO BE COVERED, THE CONTRACTOR SHALL DO SO IN SUCH A MANNER AS TO AVOID DAMAGING THE PERMANENT SIGN WHEN THE COVER IS REMOVED. THE COVER SHALL BE TOTALLY OPAQUE. THE USE OF ADHESIVE TAPE APPLIED DIRECTLY TO A SIGN FACE IS STRICTLY PROHIBITED.

**TRENCH FOR WIDENING**

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.

**OVERNIGHT TRENCH CLOSING**

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 1 1/4" INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT EXCEPT FOR A SHORT LENGTH (25 FEET OR LESS) OF A WORK SECTION AT THE END OF THE TRENCH. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.

TERM OF CONTRACT

THE TERM OF THIS CONTRACT SHALL BEGIN ON APRIL 1, 1996 AND END ON NOVEMBER 4, 1996.

NO WORK SHALL BEGIN PRIOR TO APRIL 1, 1996.

**MAINTENANCE OF TRAFFIC**

FENN ROAD SHALL BE CLOSED TO TRAFFIC AS SHOWN ON THE PLANS FOR RECONSTRUCTION OF THE ROADWAY.

FLAGGERS SHALL BE USED TO MAINTAIN ONE LANE OF TRAFFIC ON S.R. 3, AS PER STANDARD DRAWING MT-97.11, FOR WIDENING OF S.R. 3 AND FOR REMOVAL AND REPLACEMENT OF THE EXISTING CULVERT AT STA. 789+81.

**SEQUENCE OF OPERATION**

THE EXISTING TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF S.R. 3 AND FENN ROAD SHALL NOT BE REMOVED UNTIL FENN ROAD IS CLOSED FOR RECONSTRUCTION. THE PROPOSED SIGNAL SHALL BE PUT INTO OPERATION AT THE TIME OF OPENING OF FENN ROAD, FOLLOWING COMPLETION OF PAVEMENT APPLICATION.

THE REPLACEMENT OF THE CULVERT ON S.R. 3 AT STA. 789+81 SHALL BE PERFORMED IN TWO PHASES MAINTAINING ONE LANE OF TRAFFIC ON S.R. 3, AS PER MT-97.10, WHILE FENN ROAD IS CLOSED.

**PHASE 1 -**

THE DOWNSTREAM (LEFT) HALF OF THE CULVERT SHALL BE CONSTRUCTED WHILE TRAFFIC IS MAINTAINED IN THE RIGHT LANE OF THE EXISTING PAVEMENT ON S.R. 3.

**PHASE 2 -**

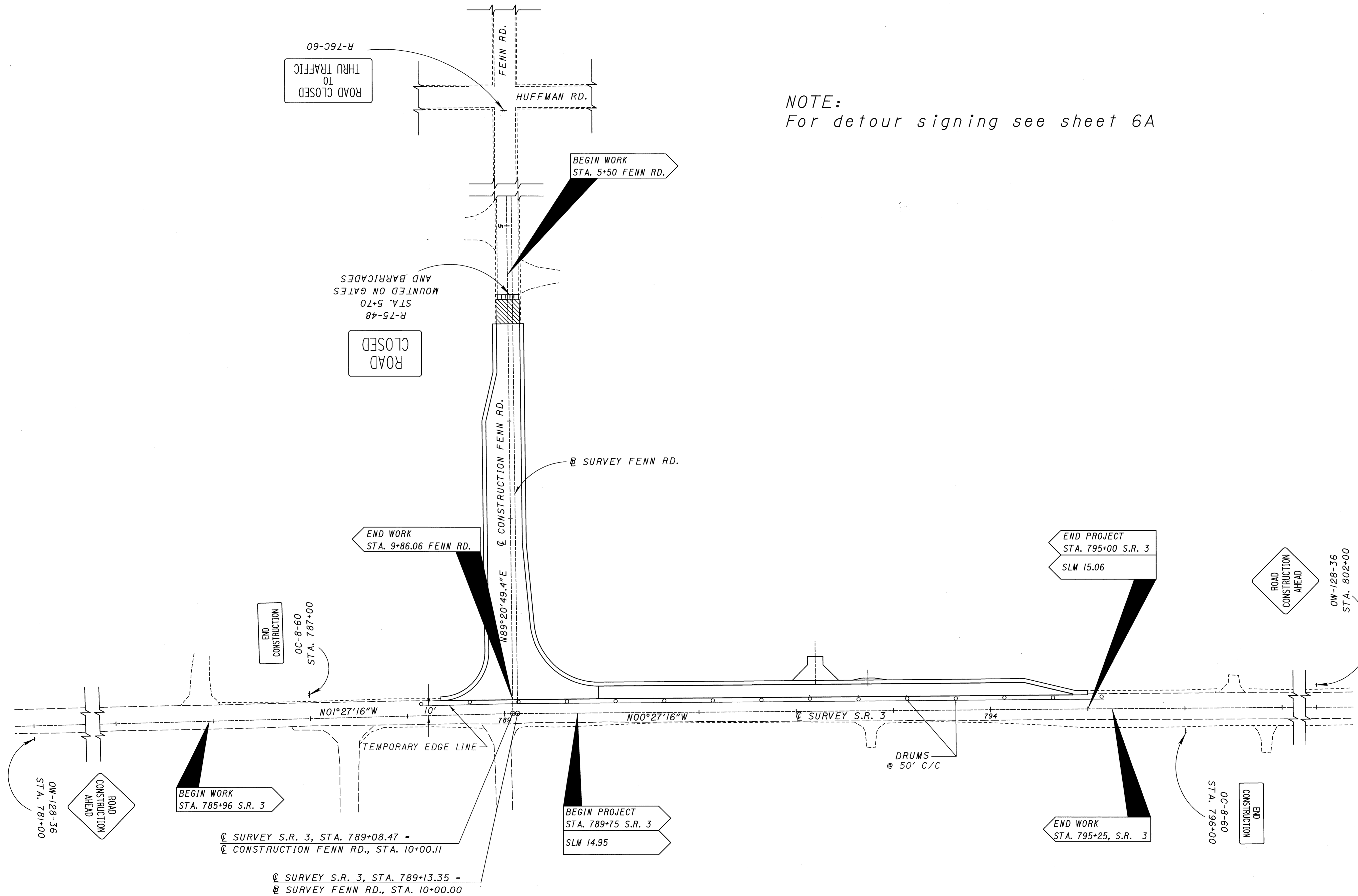
THE UPSTREAM (RIGHT) HALF OF THE CULVERT SHALL BE CONSTRUCTED WHILE TRAFFIC IS BEING MAINTAINED ON THE NEW PAVEMENT ON THE LEFT SIDE OF S.R. 3.

CALCULATED

CHECKED

**GENERAL NOTES**

**MED-3-14.95**



R-76C-60  
ROAD CLOSED  
THRU TRAFFIC

R-75-48  
STA. 5+70  
MOUNTED ON GATES  
AND BARRICADES  
ROAD  
CLOSED

BEGIN WORK  
STA. 5+50 FENN RD.

END WORK  
STA. 9+86.06 FENN RD.

END  
CONSTRUCTION  
OC-8-60  
STA. 787+00

BEGIN WORK  
STA. 785+96 S.R. 3

☉ SURVEY S.R. 3, STA. 789+08.47 =  
☉ CONSTRUCTION FENN RD., STA. 10+00.11

☉ SURVEY S.R. 3, STA. 789+13.35 =  
☉ SURVEY FENN RD., STA. 10+00.00

BEGIN PROJECT  
STA. 789+75 S.R. 3  
SLM 14.95

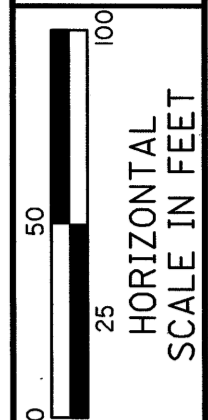
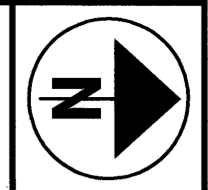
END WORK  
STA. 795+25, S.R. 3

END PROJECT  
STA. 795+00 S.R. 3  
SLM 15.06

END  
CONSTRUCTION  
OC-8-60  
STA. 796+00

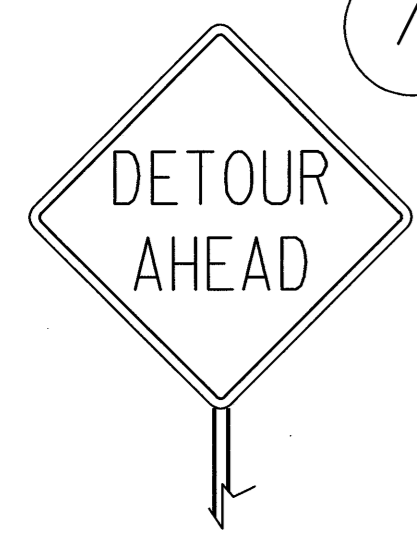
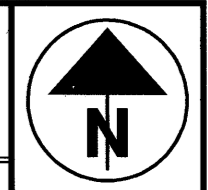
ROAD  
CONSTRUCTION  
AHEAD  
OW-128-36  
STA. 802+00

NOTE:  
For detour signing see sheet 6A

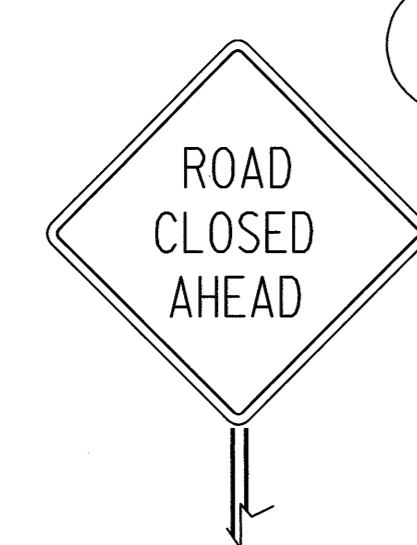


MAINTENANCE OF TRFFIC PLAN

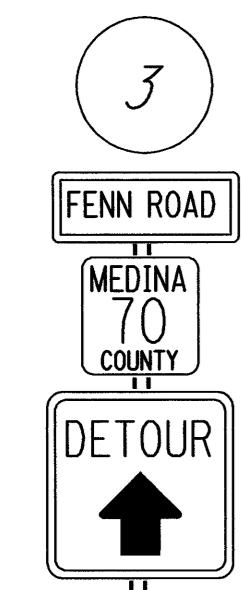
MED -3-14.95



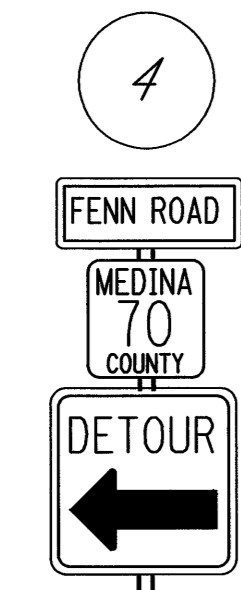
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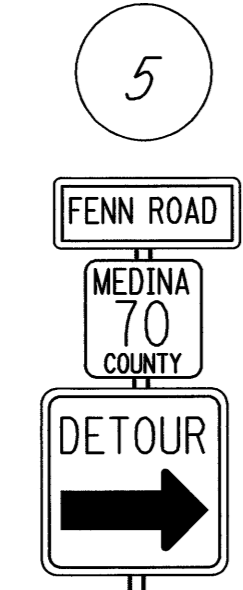
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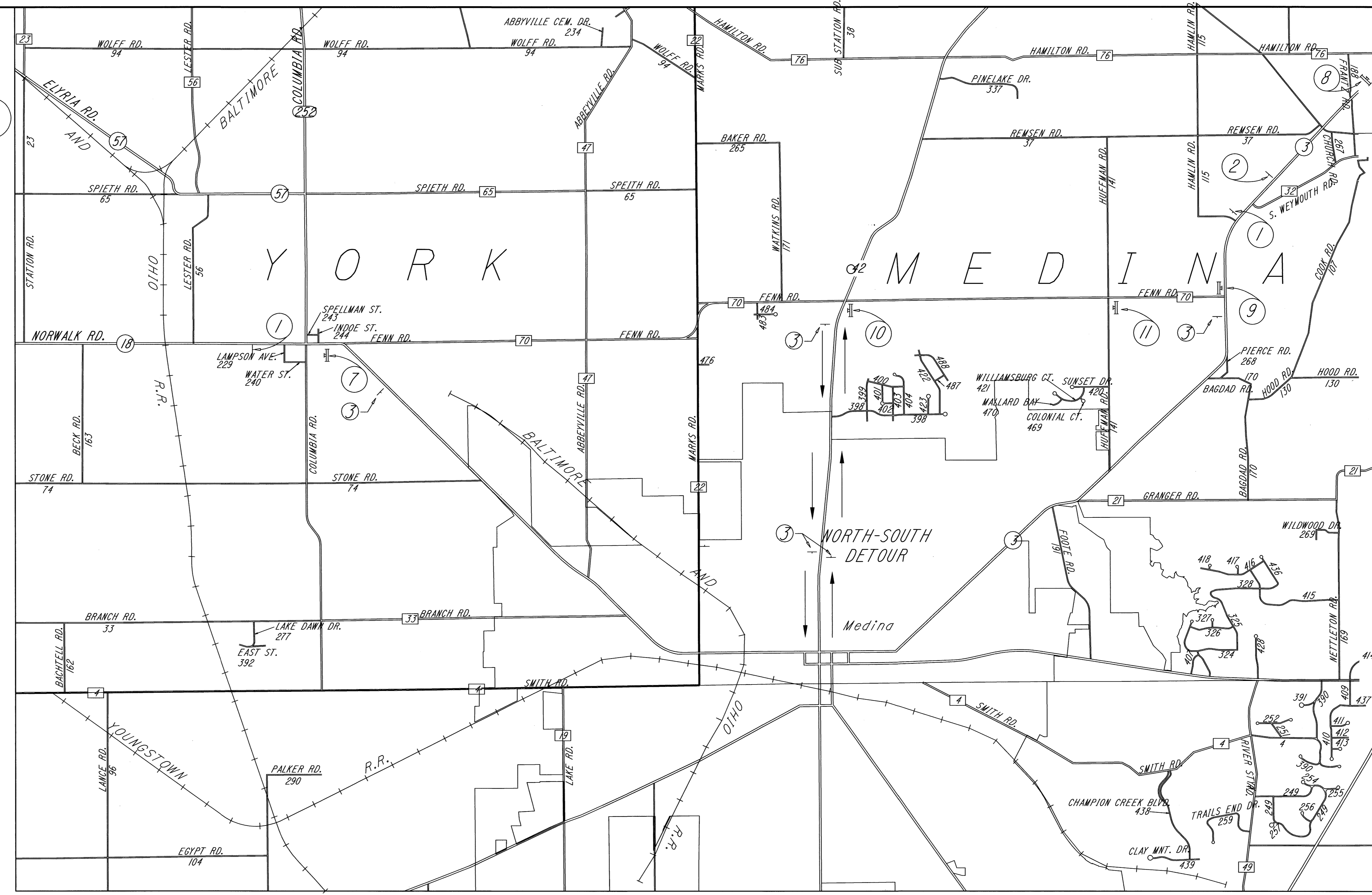
D-14  
M-6  
OC-29



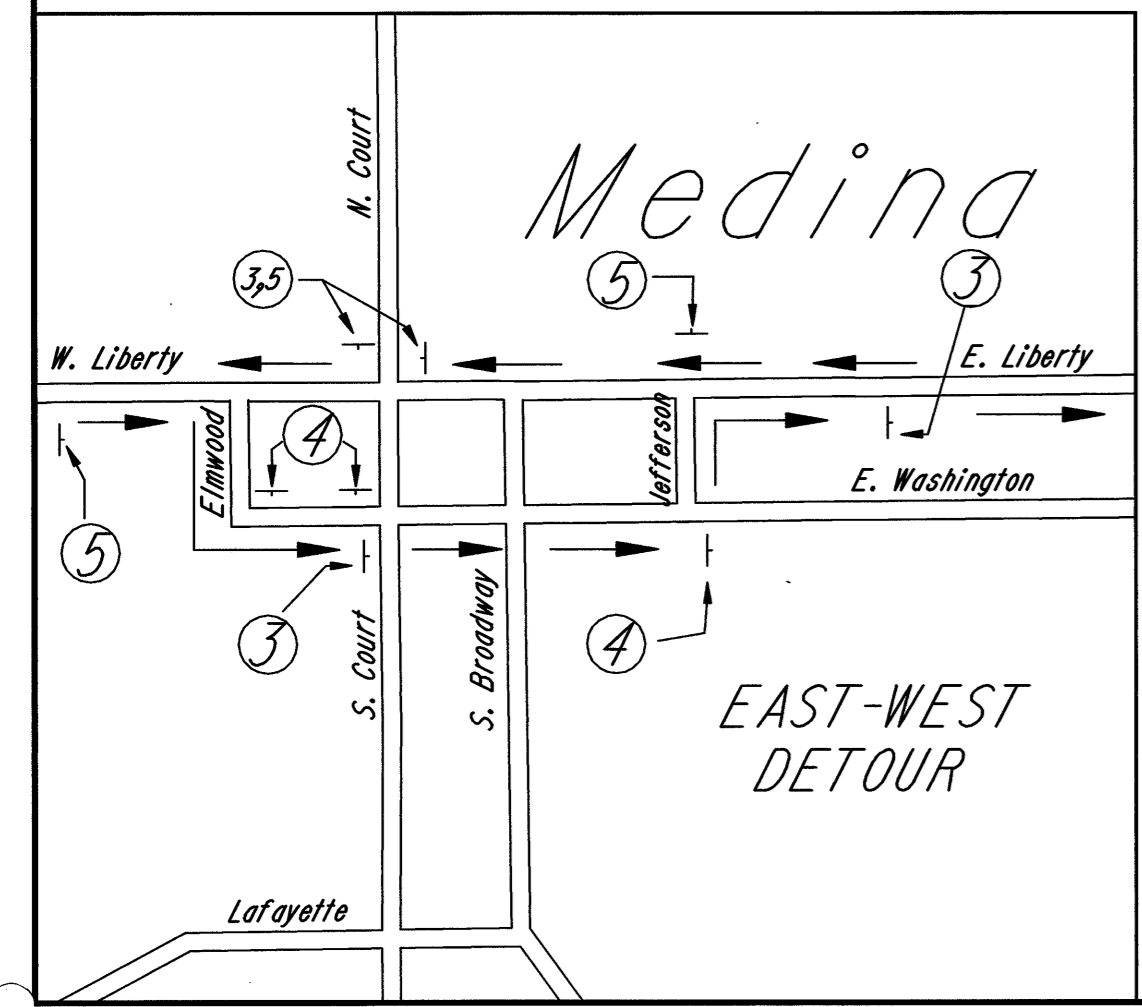
D-14  
M-6  
OC-29L



D-14  
M-6  
OC-29R

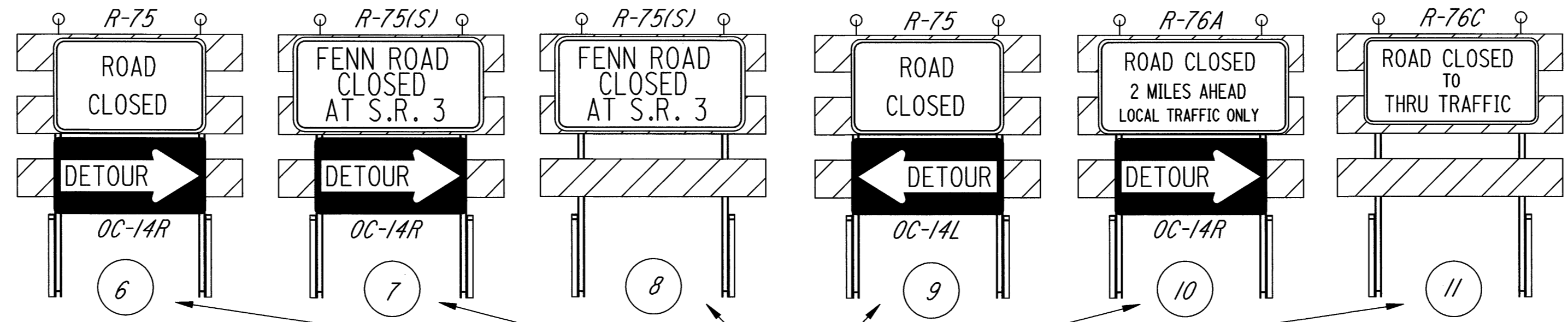


MAINTENANCE OF TRFFIC DETOUR PLAN



DETOUR PLAN

NOTE: ALL DETOUR SIGNING SHALL BE FURNISHED, ERECTED, MAINTAINED, AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR AS PART OF ITEM 614 MAINTAINING TRAFFIC.



SIGN SYMBOLS

BARRICADE  
SIGN

MED-3-14.95

ITEM 404 ASPHALT CONCRETE, AC-20

S.R. 3 - ROADWAY

STA. 789+75.00 - STA. 789+96.93  
21.93' X 15' AVG. = 329 SQ. FT.  
STA. 789+96.93 - STA. 794+34.70  
437.77' X 13' = 5691 SQ. FT.  
STA. 794+34.70 - STA. 794+84.70 (TAPER)  
50' X 7.0' AVG. = 350 SQ. FT.  
SUB-TOTAL 6370 SQ. FT.

S.R. 3 - SHOULDER

STA. 789+75.00 - STA. 794+84.70  
509.7' X 4' = 2039 SQ. FT.  
STA. 794+84.70 - STA. 795+00.00  
15.3' X 4' AVG. = 61 SQ. FT.  
SUB-TOTAL 2100 SQ. FT.

FENN ROAD - ROADWAY (BUTT JOINT)

STA. 5+75 - 6+00  
25' X 24' = 600 SQ. FT.

FENN ROAD - ROADWAY

STA. 6+00 - STA. 6+50  
50' X 24' = 1200 SQ. FT.  
STA. 6+50 - STA. 7+00 (TAPER)  
50' X 30' AVG. = 1500 SQ. FT.  
STA. 7+00 - STA. 8+25

125' X 36' = 4500 SQ. FT.  
STA. 8+25.00 - STA. 9+08.78 (TAPER)

83.78' X 39.5' AVG. = 3309 SQ. FT.  
STA. 9+08.78 LT. - STA. 9+86.06

77.28' X 39.5' AVG. = 3053 SQ. FT.  
LT. RADIUS AT S.R. 3

CALCULATED ON CADD = 1630 SQ. FT.  
RT. RADIUS AT S.R. 3

CALCULATED ON CADD = 574 SQ. FT.  
SUB-TOTAL 16,366 SQ. FT.

FENN ROAD - SHOULDER

STA. 6+00 - STA. 9+08.78 LT.  
308.78' X 4' = 1235 SQ. FT.

LT. RADIUS AT S.R. 3  
85' X 4' = 340 SQ. FT.

STA. 6+00 - STA. 9+36.16 RT.  
336.16' X 4' = 1345 SQ. FT.

RT. RADIUS AT S.R. 3  
75' X 4' = 300 SQ. FT.

SUB-TOTAL 3220 SQ. FT.  
TOTAL AREA 28,056 SQ. FT.

TOTAL ITEM 404

28,056 SQ. FT. X 1 1/4" / 12 / 27 = 108.2 CU. YD.

TOTAL CARRIED TO GENERAL SUMMARY 108 CU. YD.

ITEM 402 ASPHALT CONCRETE, AC-20

S.R. 3 - ROADWAY

AREA FROM ITEM 404 - 6395 SQ. FT.  
FENN ROAD - ROADWAY  
AREA FROM ITEM 404 - 15,766 SQ. FT.  
TOTAL AREA 22,161 SQ. FT.

TOTAL ITEM 402

22,161 SQ. FT. X 1 1/4" / 12 / 27 = 85.5 CU. YD.

TOTAL CARRIED TO GENERAL SUMMARY 86 CU. YD.

ITEM 301 6" BITUMINOUS AGGREGATE BASE, AC-20

S.R. 3 - ROADWAY

STA. 789+75.00 - STA. 789+96.93  
21.93' X 15.5' AVG. = 340 SQ. FT.  
STA. 789+96.93 - STA. 794+34.70  
437.77' X 13.5' = 5910 SQ. FT.  
STA. 794+34.70 - STA. 794+84.70 (TAPER)  
50' X 7.5' AVG. = 375 SQ. FT.  
SUB-TOTAL 6625 SQ. FT.

FENN ROAD - ROADWAY

STA. 6+00 - STA. 6+50  
50' X 25' = 1250 SQ. FT.  
STA. 6+50 - STA. 7+00 (TAPER)  
50' X 31' AVG. = 1550 SQ. FT.  
STA. 7+00 - STA. 8+25

125' X 37' = 4625 SQ. FT.  
STA. 8+25.00 - STA. 9+08.78 (TAPER)

83.78' X 40.5' AVG. = 3393 SQ. FT.  
STA. 9+08.78 LT. - STA. 9+86.06

77.28' X 40.5' AVG. = 3130 SQ. FT.  
LT. RADIUS AT S.R. 3

CALCULATED ON CADD = 1670 SQ. FT.  
RT. RADIUS AT S.R. 3

CALCULATED ON CADD = 610 SQ. FT.  
SUB-TOTAL 16,228 SQ. FT.

TOTAL AREA 22,853 SQ. FT.

22,853 SQ. FT. X 6" / 12 / 27 = 423.2 CU. YD.

TOTAL CARRIED TO GENERAL SUMMARY 423 CU. YD.

ITEM 301 4" BITUMINOUS AGGREGATE BASE, AC-20

S.R. 3 - SHOULDERS

AREA FROM ITEM 404 - 2100 SQ. FT.  
FENN ROAD - SHOULDERS

AREA FROM ITEM 404 - 3220 SQ. FT.  
TOTAL AREA 5320 SQ. FT.

5320 SQ. FT. X 4" / 12 / 27 = 65.7 CU. YD.

TOTAL CARRIED TO GENERAL SUMMARY 66 CU. YD.

ITEM 659 WATER

AREA FROM ITEM 659 SEEDING AND MULCHING - 3332 SQ. YD.

3332 SQ. YD. X 9 = 29,988 SQ. FT.

(29,988 SQ. FT. / 1000) X 240 / 1000 = 7.2 MGAL.

TOTAL CARRIED TO GENERAL SUMMARY 7 MGAL.

ITEM 659 COMMERCIAL FERTILIZER

AREA FROM ITEM 659 SEEDING AND MULCHING - 3332 SQ. YD.

3332 SQ. YD. X 9 = 29,988 SQ. FT.

(29,988 SQ. FT. / 1000) X 20 / 1000 = 0.60 TON

TOTAL CARRIED TO GENERAL SUMMARY 0.60 TON

ITEM 304 AGGREGATE BASE

S.R. 3 - ROADWAY

STA. 789+75.00 - STA. 789+96.93  
21.93' X 16' AVG. = 351 SQ. FT.  
STA. 789+96.93 - STA. 794+34.70  
437.77' X 14' = 6129 SQ. FT.  
STA. 794+34.70 - STA. 794+84.70 (TAPER)  
50' X 8.0' AVG. = 400 SQ. FT.  
SUB-TOTAL 6880 SQ. FT.

FENN ROAD - ROADWAY

STA. 6+00 - STA. 6+50  
50' X 26' = 1300 SQ. FT.  
STA. 6+50 - STA. 7+00 (TAPER)  
50' X 32' AVG. = 1600 SQ. FT.  
STA. 7+00 - STA. 8+25

125' X 38' = 4750 SQ. FT.  
STA. 8+25.00 - STA. 9+08.78 (TAPER)

83.78' X 41.5' AVG. = 3477 SQ. FT.  
STA. 9+08.78 LT. - STA. 9+86.06

77.28' X 41.5' AVG. = 3207 SQ. FT.  
LT. RADIUS AT S.R. 3

CALCULATED ON CADD = 1710 SQ. FT.  
RT. RADIUS AT S.R. 3

CALCULATED ON CADD = 645 SQ. FT.  
SUB-TOTAL 16,689 SQ. FT.

TOTAL AREA 23,569 SQ. FT.

23,569 SQ. FT. X 6" / 12 / 27 = 436.5 CU. YD.

TOTAL CARRIED TO GENERAL SUMMARY 437 CU. YD.

ITEM 408 BITUMINOUS PRIME COAT

AREA FROM ITEM 304 - 23,594 SQ. FT.

23,594 SQ. FT. / 9 X 0.4 GAL. / SQ. YD. = 1048.6 GAL.

TOTAL CARRIED TO GENERAL SUMMARY 1049 GAL.

ITEM 202 PAVEMENT REMOVED

S.R. 3

STA. 788+34.73 - STA. 795+00.00  
665.27' X 1.5' = 998 SQ. FT.

998 SQ. FT. / 9 = 110.88 SQ. YD.

TOTAL CARRIED TO GENERAL SUMMARY 111 SQ. YD.

ITEM 605 AGGREGATE DRAINS

S.R. 3

STA. 789+75.00 - STA. 795+00.00  
525' / 50 X 12' AVG. LENGTH = 126.00 LIN. FT.

QUANTITY CARRIED TO SHEET 10 126 LIN. FT.

FENN ROAD

STA. 6+00.00 - STA. 9+86.06  
386.06' / 50 X 12' AVG. LENGTH X 2 = 185.31 LIN. FT.

QUANTITY CARRIED TO SHEET 14 185 LIN. FT.

CALCULATIONS

MED-3-14.95

CALCULATED  
89C  
CHECKED  
JB



ITEM 203 SUBGRADE COMPACTION

S.R. 3 - ROADWAY  
AREA FROM ITEM 404 - 6395 SQ. FT.  
S.R. 3 - SHOULDERS  
AREA FROM ITEM 404 - 2100 SQ. FT.  
SUB-TOTAL 8495 SQ. FT.

FENN ROAD - ROADWAY  
AREA FROM ITEM 404 - 15,766 SQ. FT.  
FENN ROAD - SHOULDERS  
AREA FROM ITEM 404 - 3220 SQ. FT.  
SUB-TOTAL 18,986 SQ. FT.

27,481 SQ. FT. / 9 = 3053.4 SQ. YD.

TOTAL CARRIED TO GENERAL SUMMARY 3273 SQ. YD.

ITEM 202 WEARING COURSE REMOVED

FENN ROAD  
STA. 5+75 - STA. 6+00.00  
25' X 24' = 600 SQ. FT.

600 SQ. FT. / 9 = 66.67 SQ. YD.

TOTAL CARRIED TO GENERAL SUMMARY 67 SQ. YD.

ITEM 605 AGGREGATE DRAINS  
S.R. 3

FENN ROAD

CALCULATED  
99C  
CHECKED  
AB

CALCULATIONS

MED-3-14.95

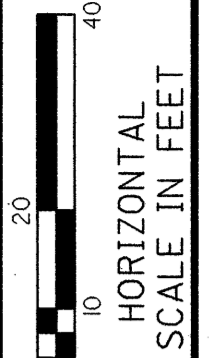
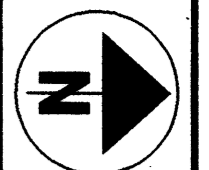
8  
31

SHEET NUMBER												ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	
4	7	8	10	11	12	13	14	15	16	17	18							
																ROADWAY		
	LUMP												201	11000	LUMP		CLEARING AND GRUBBING	4
		III											202	23000	III	SQ YD	PAVEMENT REMOVED	
			67										202	23500	67	SQ YD	WEARING COURSE REMOVED	
				247	354	59		587	1602	725	179		203	12000	3753	CU YD	EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION	
				87	95	107		20		6	26		203	20000	341	CU YD	EMBANKMENT	
		3053											203	50000	3053	SQ YD	SUBGRADE COMPACTION	
			I										SPECIAL	69050000	1	EACH	MAILBOX SUPPORT, SINGLE	4
																EROSION CONTROL		
	50												207	70000	50	EACH	STRAW OR HAY BALES	4
				425	395	379		636	861	547	89		659	10000	3332	SQ YD	SEEDING AND MULCHING	4
		0.60											659	20000	0.60	TON	COMMERCIAL FERTILIZER	
	7												659	35000	7	MGAL	WATER	4
			105					493					670	40000	598	SQ YD	DITCH EROSION PROTECTION	4
																DRAINAGE		
			62										202	35100	62	LIN FT	PIPE REMOVED, 24" AND UNDER	
			0.33					0.44					602	20000	0.8	CU YD	CONCRETE MASONRY	
			55										603	06400	55	LIN FT	15" CONDUIT, TYPE D, 707.01	4
			65										603	07200	65	LIN FT	18" CONDUIT, TYPE A, 707.01	4
							185						605	31100	311	LIN FT	AGGREGATE DRAIN	
																PAVEMENT		
	489												301	10002	489	CU YD	BITUMINOUS AGGREGATE BASE, AC-20	
	437		12										304	20000	449	CU YD	AGGREGATE BASE (SEE PROPOSAL NOTE)	
	86												402	20000	86	CU YD	ASPHALT CONCRETE, AC-20	
	108												404	20000	108	CU YD	ASPHALT CONCRETE, AC-20	
	1049												408	10000	1049	GAL	BITUMINOUS PRIME COAT	
																WATER WORKS		
							14						638	00904	14	LIN FT	6" WATER MAIN DUCTILE IRON ANCHORING PIPE AND FITTINGS	
							295						638	03100	295	LIN FT	16" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, MECHANICAL "PCCP" JOINTS AND FITTINGS	
							295						638	06200	295	LIN FT	POLYETHYLENE ENCASEMENT	
							1						638	10500	1	EACH	FIRE HYDRANT REMOVED AND RESET	
							2						638	10800	2	EACH	VALVE BOX ADJUSTED TO GRADE	
																FOR TRAFFIC CONTROL ITEMS SEE SHEET 21		
													614	11000	LUMP		MAINTAINING TRAFFIC	
													619	15000	LUMP		FIELD OFFICE, TYPE A	
													SPECIAL	61925000	LUMP		COMPUTER EQUIPMENT FOR TYPE A OFFICE	
													623	10000	LUMP		CONSTRUCTION LAYOUT STAKES	
													624	10000	LUMP		MOBILIZATION	

GENERAL SUMMARY

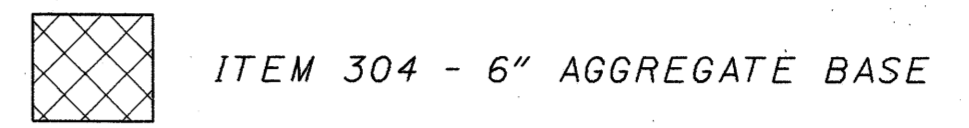
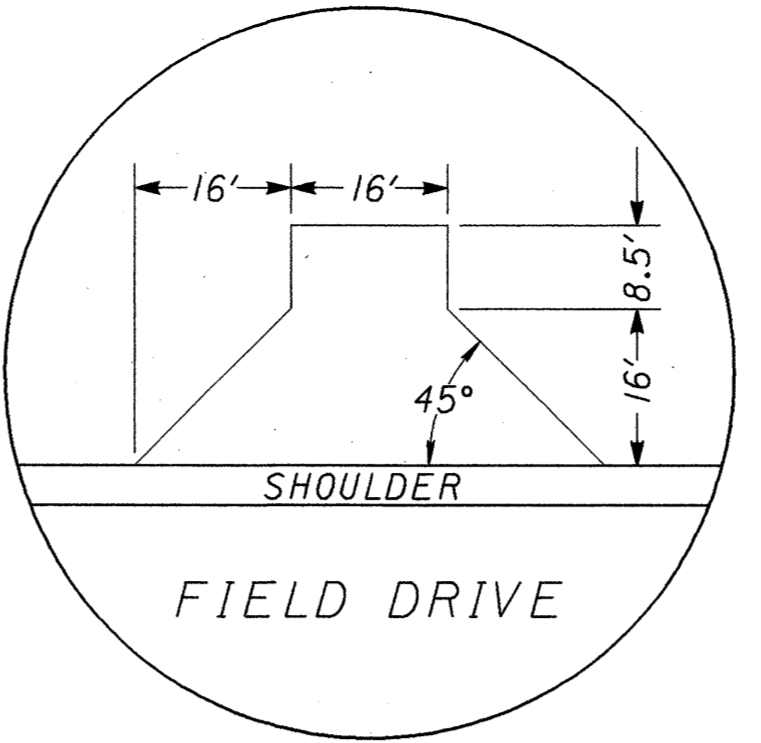
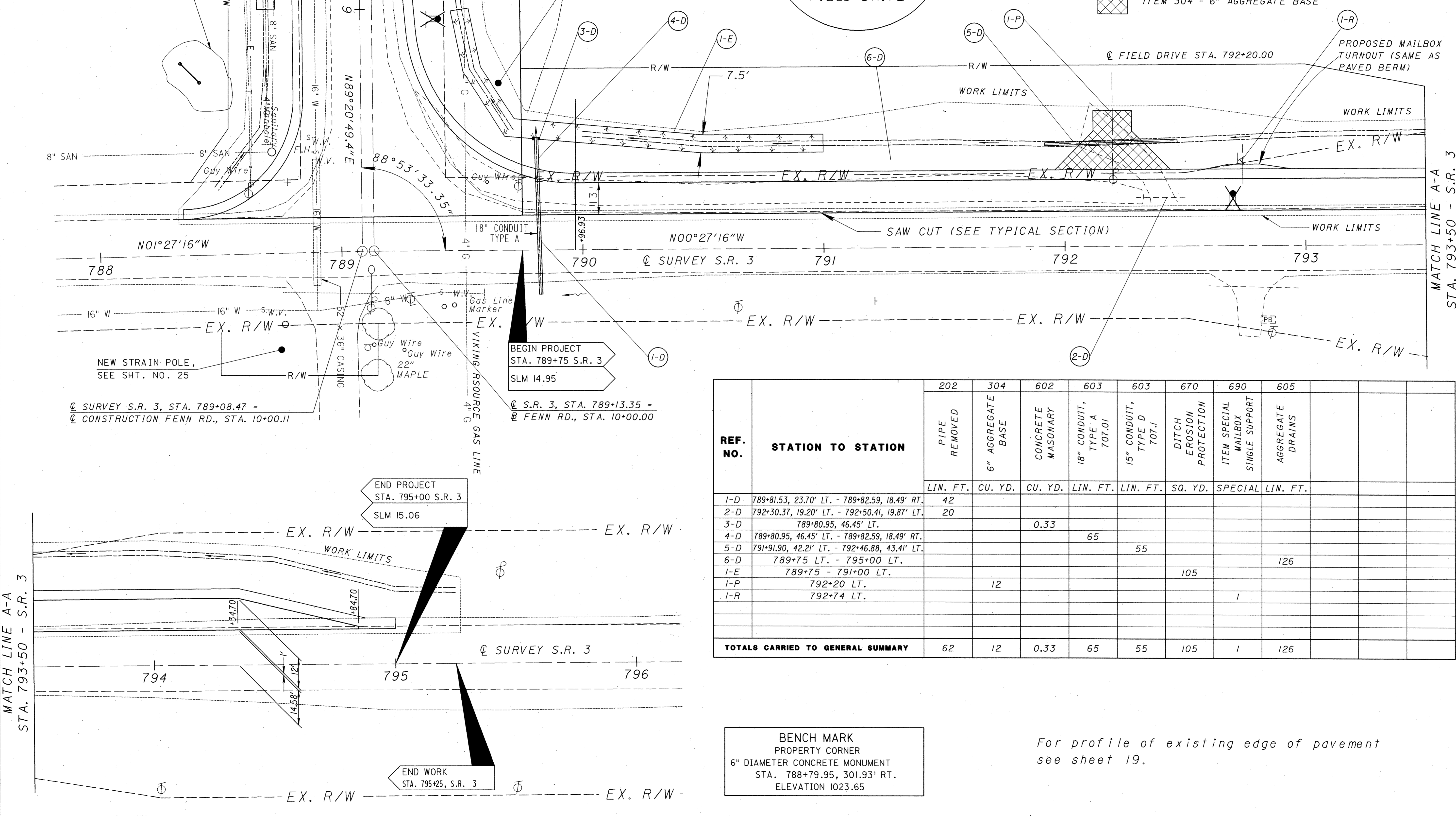
MED-3-14.95

CALCULATED  
BY  
CHECKED  
BY



CALCULATED *SP*  
CHECKED *AB*

LANDSCAPE ISLAND WITH SIGN, DO NOT DISTURB.



MATCH LINE A-A  
STA. 793+50 - S.R. 3

MATCH LINE A-A  
STA. 793+50 - S.R. 3

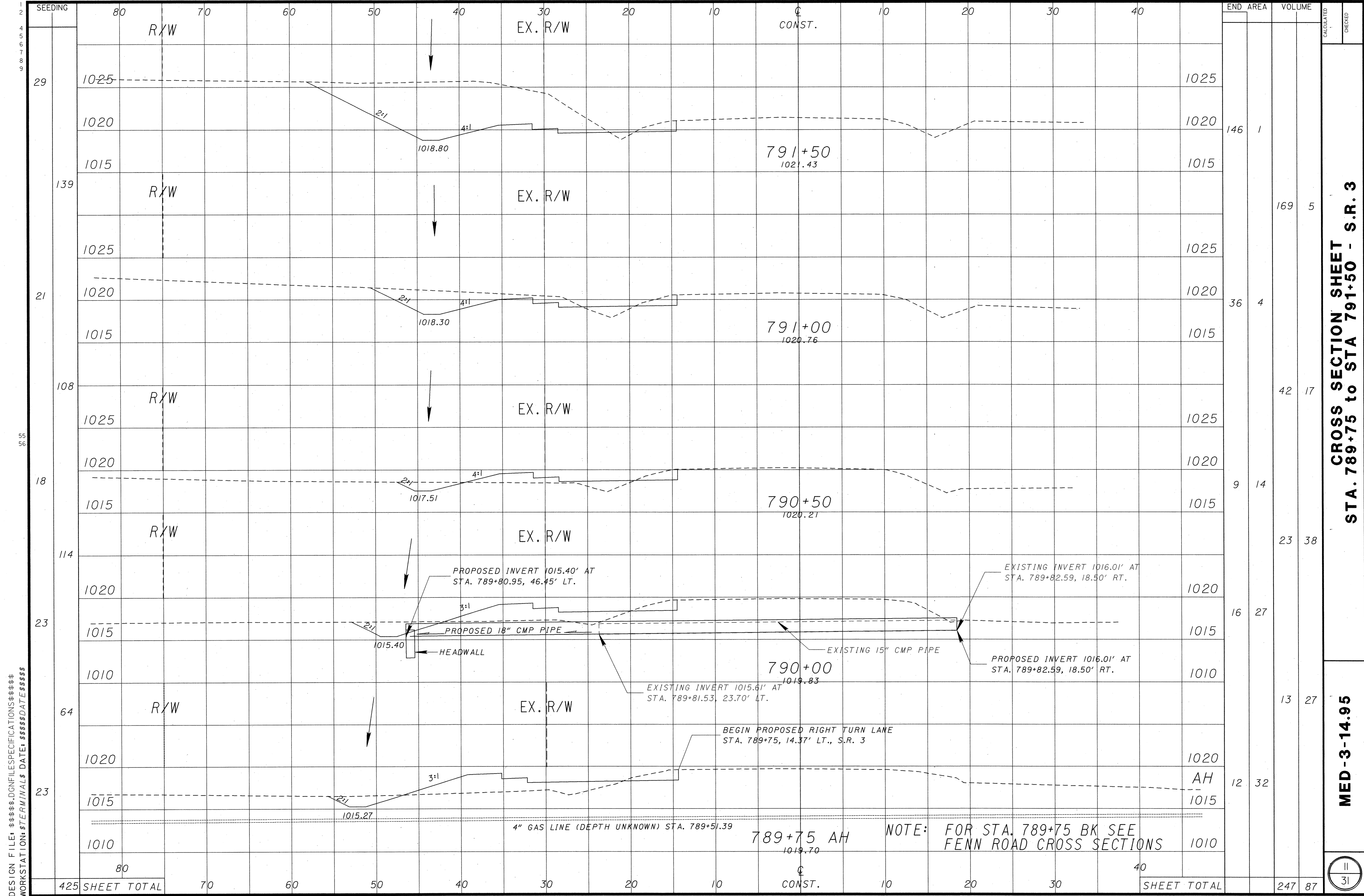
PLAN SHEET FOR S.R. 3  
STA. 789+75 - STA. 795+25

MED-3-14.95

REF. NO.	STATION TO STATION	202	304	602	603	603	670	690	605			
		PIPE REMOVED LIN. FT.	6" AGGREGATE BASE CU. YD.	CONCRETE MASONARY CU. YD.	18" CONDUIT, TYPE A 707.01 LIN. FT.	15" CONDUIT, TYPE D 707.1 LIN. FT.	DITCH EROSION PROTECTION SQ. YD.	ITEM SPECIAL MAILBOX SINGLE SUPPORT SPECIAL	AGGREGATE DRAINS LIN. FT.			
1-D	789+81.53, 23.70' LT. - 789+82.59, 18.49' RT.	42										
2-D	792+30.37, 19.20' LT. - 792+50.41, 19.87' LT.	20										
3-D	789+80.95, 46.45' LT.			0.33								
4-D	789+80.95, 46.45' LT. - 789+82.59, 18.49' RT.				65							
5-D	791+91.90, 42.21' LT. - 792+46.88, 43.41' LT.					55						
6-D	789+75 LT. - 795+00 LT.								126			
1-E	789+75 - 791+00 LT.						105					
1-P	792+20 LT.		12									
1-R	792+74 LT.							1				
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>		62	12	0.33	65	55	105	1	126			

BENCH MARK  
PROPERTY CORNER  
6" DIAMETER CONCRETE MONUMENT  
STA. 788+79.95, 301.93' RT.  
ELEVATION 1023.65

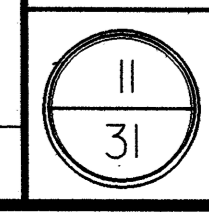
For profile of existing edge of pavement  
see sheet 19.

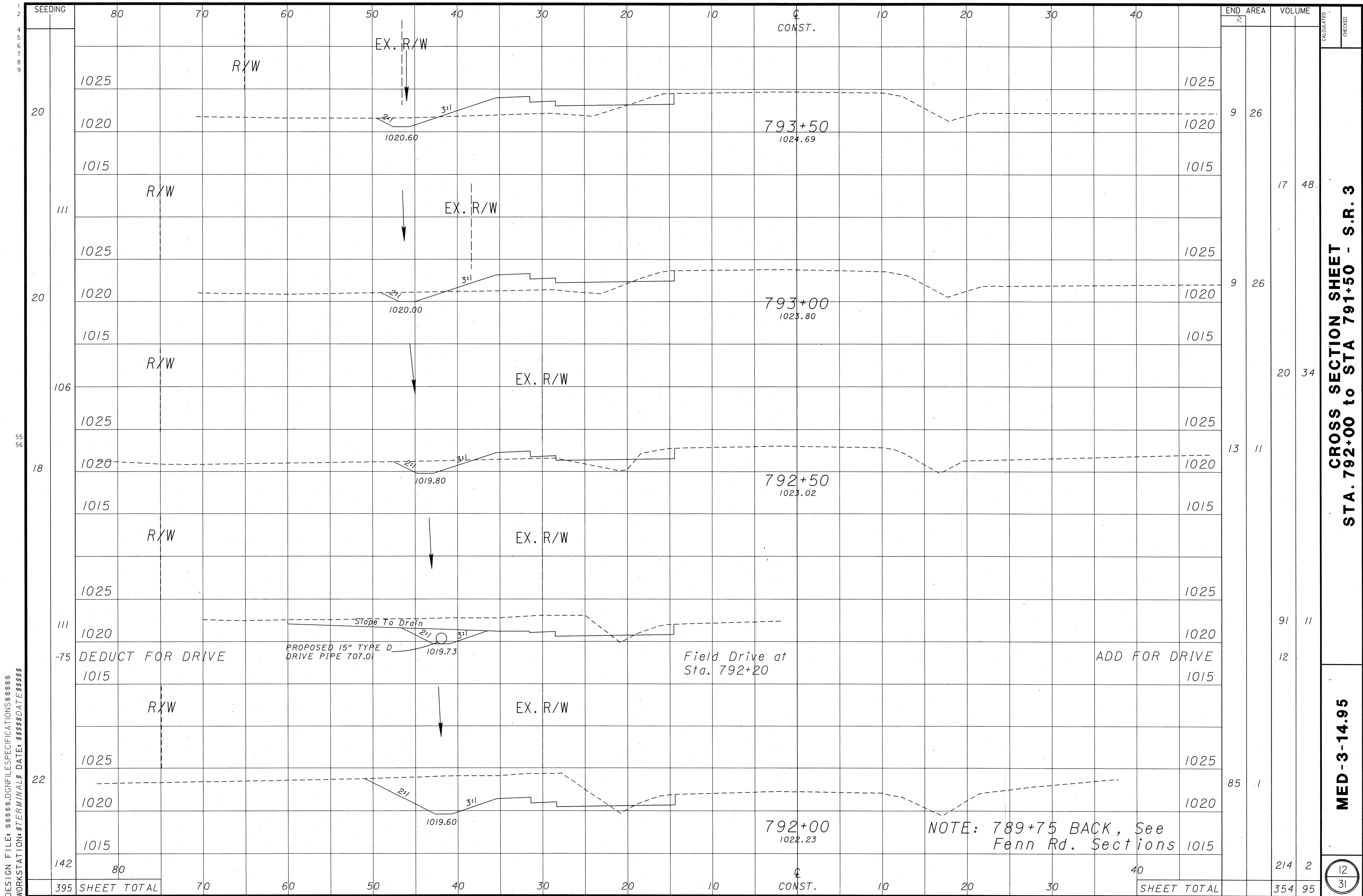


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 WORKSTATION: \$TERMINAL\$ DATE: \$\$\$DATE\$\$\$

**CROSS SECTION SHEET**  
**STA. 789+75 to STA 791+50 - S.R. 3**

**MED-3-14.95**



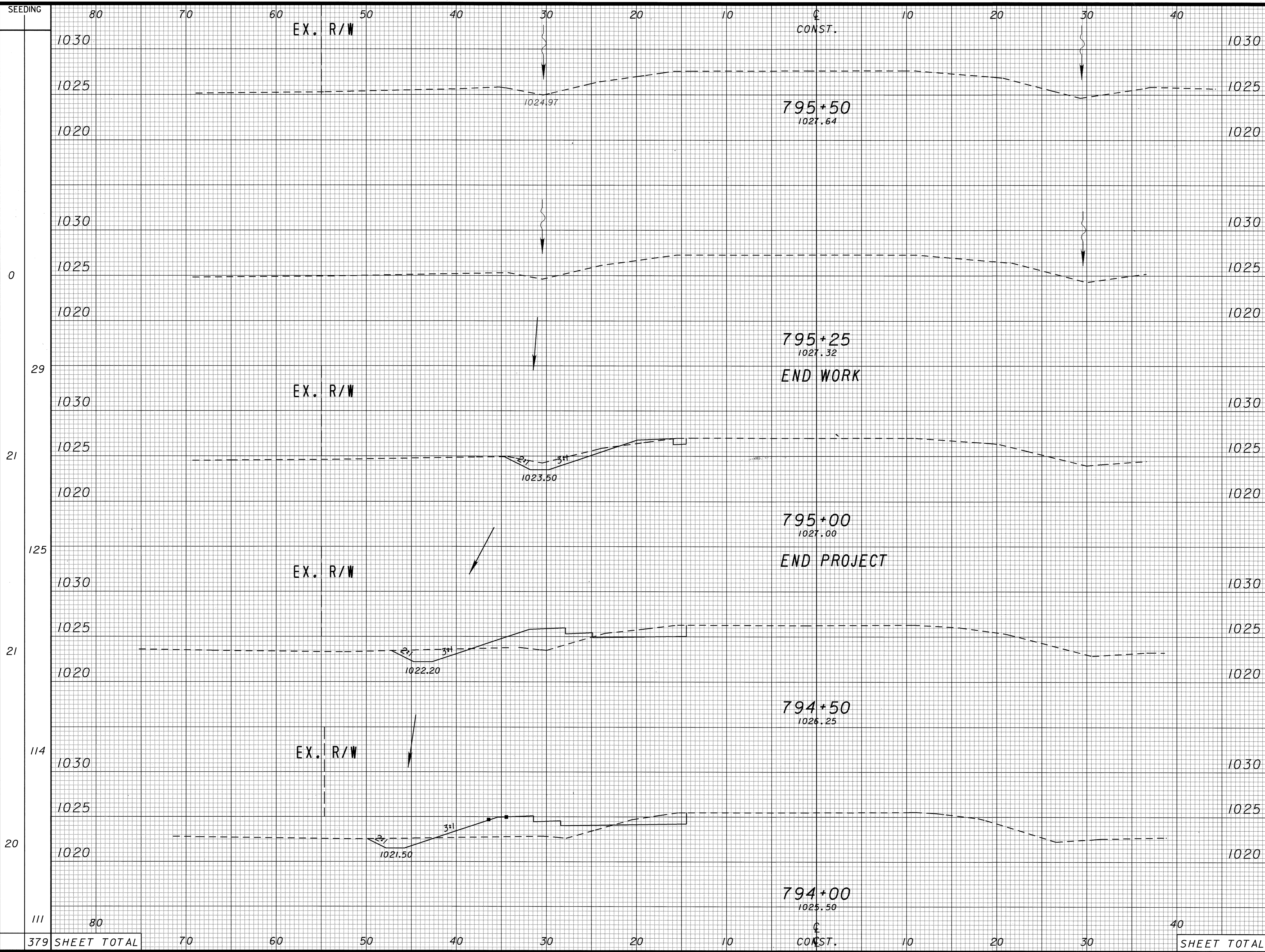


DESIGN FILE: \*\*\*\*\*.DGNFILESPECIFICATIONS\*\*\*\*\*  
 WORKSTATION: \$TERMINALS\$ DATE: \$\$\$\$DATE\$\$\$\$

CROSS SECTION SHEET  
 STA. 792+00 to STA 791+50 - S.R. 3

MED-3-14.95

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 WORKSTATION: 364-1 DATE: 14-MAR-1995

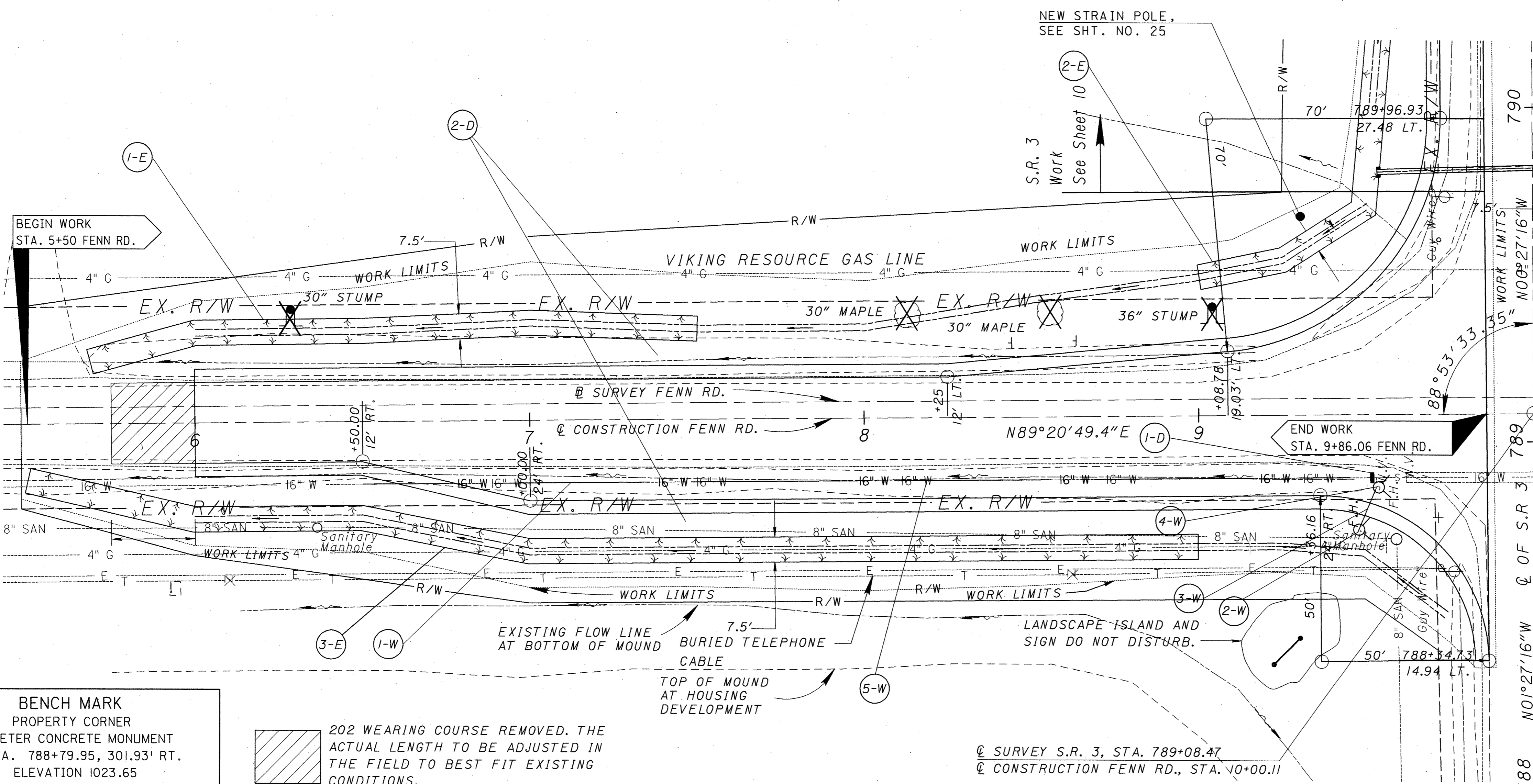


END	AREA	VOLUME
0	0	0
4	0	0
9	1	0
22	18	18
15	18	18
19	41	41
6	26	26
14	48	48
59	107	107

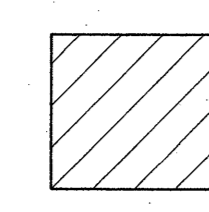
CROSS SECTION SHEET  
 STA. 794+00 to STA 795+50 - S.R., 3

MED-3-14.95

13  
31

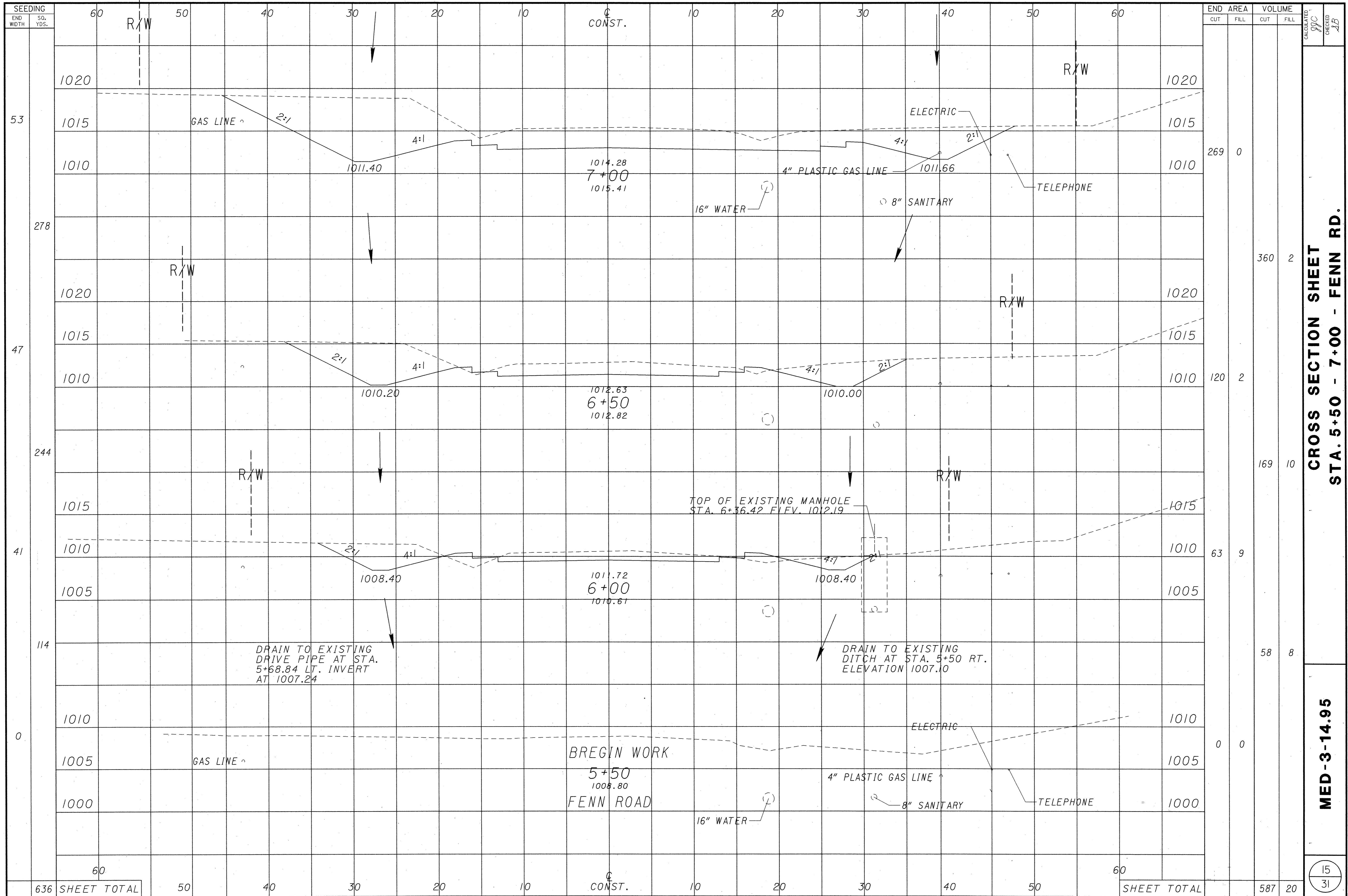


**BENCH MARK**  
PROPERTY CORNER  
6" DIAMETER CONCRETE MONUMENT  
STA. 788+79.95, 301.93' RT.  
ELEVATION 1023.65

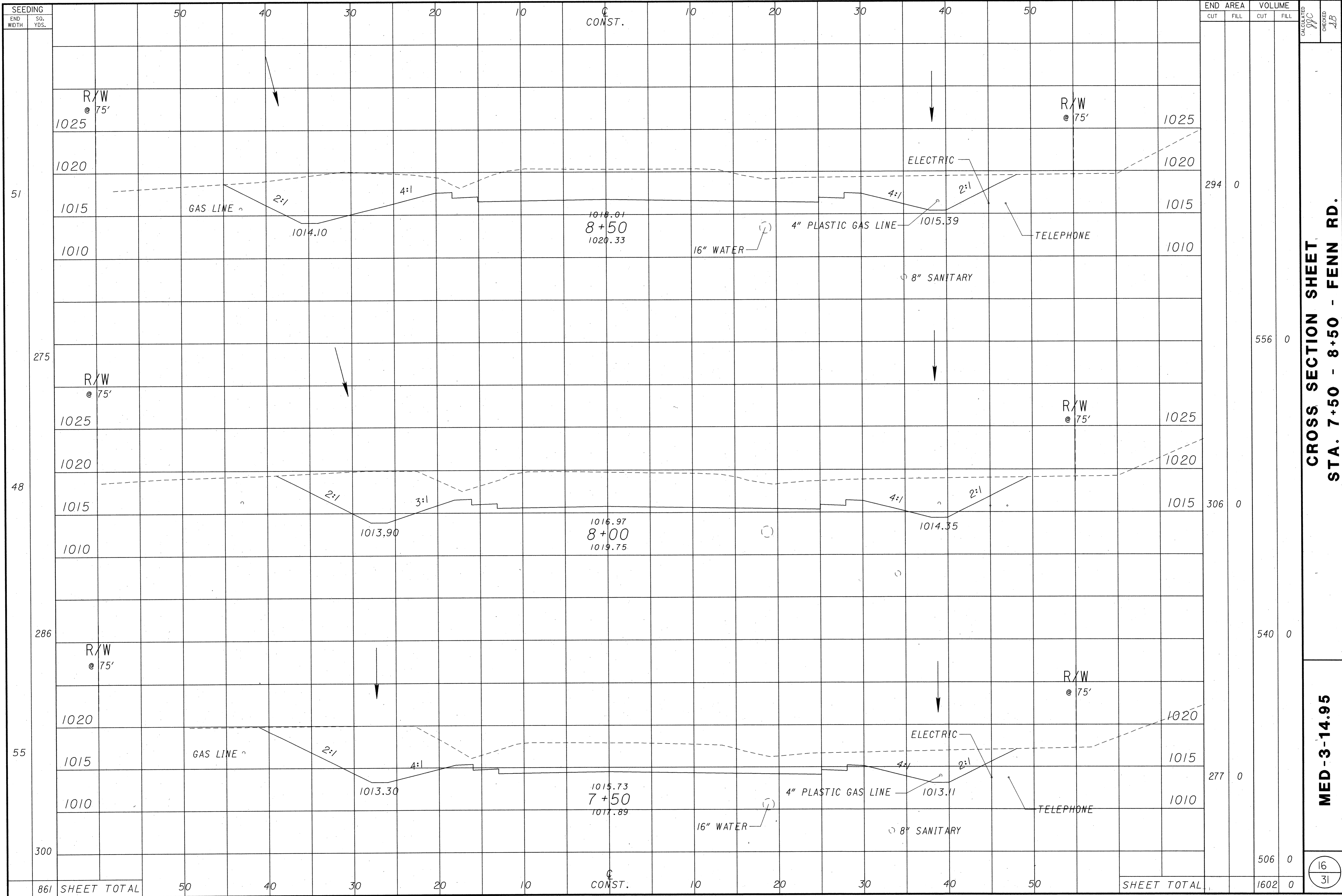
 202 WEARING COURSE REMOVED. THE ACTUAL LENGTH TO BE ADJUSTED IN THE FIELD TO BEST FIT EXISTING CONDITIONS.

995	1008.80	1009.73	1010.61	1011.75	1012.82	1014.20	1015.41	1016.70	1017.89	1018.89	1019.75	1020.20	1020.33	1020.29	1020.05	1019.97	1019.90	1019.69	995
	+50		6+00		+50		7+00		+50		8+00		+50		9+00		+50		10+00
1000	4" PLASTIC GAS LINE 39' RT.			USE PRICE BROTHERS "PCCP" FITTINGS			PROPOSED 16" DUCTILE IRON WATERMAIN PIPE FROM STA. 6+50 TO NEAREST JOINT WEST OF STA. 9+53 (HYDRANT TEE)			APPROXIMATE DEPTH OF 8" DIA. SANITARY LINE			EXISTING 52' X 36" CASING			USE PRICE BROTHERS "PCCP" FITTINGS			
1005	GAS LINE 43' LT.			MEET EXISTING BUTT JOINT +75			350' V.C.			3' x 4' x 1' RESTRAINED CONCRETE WALL BLOCKING FOR UNDISTURBED EARTH			EXISTING GRADE			PROPOSED GRADE			
1010				PVC STA. 6+25 ELEV. 1011.72			APPROXIMATE DEPTH OF 16" DIA. PRE-STRESSED CONCRETE CYLINDER WATER MAIN			PVI STA. 8+00 ELEV. 1018.23						PVT STA. 9+75 ELEV. 1019.70			
1015				EXISTING MANHOLE STA. 6+36.42, 31.25' RT. ELEV. 1012.19						ELECTRIC AND TELEPHONE APPROX. 46' RT.						EXISTING MANHOLE STA. 6+58.81, 38.86' RT. ELEV. 1019.18			
1020																			
1025							EXISTING WATERLINE MANUFACTURED BY PRICE BROTHERS												
1030																			

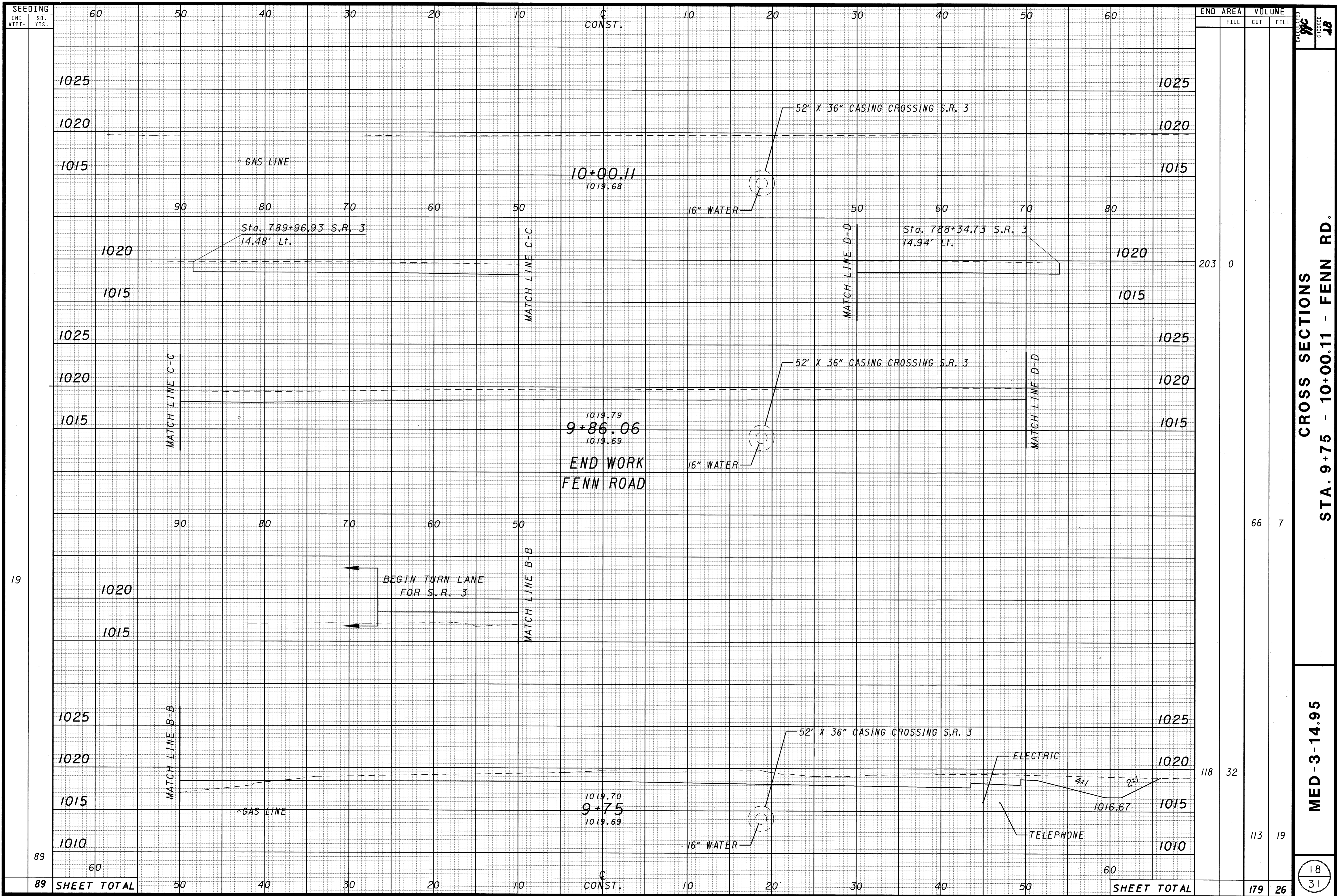
REF NO.	STATION TO STATION	CONCRETE MASONRY	AGGREGATE DRAINS	6" WATER MAIN DUCTILE IRON PIPE MECH. "PCCP" FITTINGS	FIRE HYDRANT REMOVED AND RESET	6" WATER MAIN DUCTILE IRON ANCHORING PIPE AND FITTINGS	VALVE BOX ADJUSTED TO GRADE	POLYETHYLENE ENCASMENT	DITCH EROSION PROTECTION	SO. YD.
1-D	STA. 9+51.74 RT.									
2-D	STA. 6+00 - 9+86.06 LT. & RT.		185							
1-W	STA. 6+50 - 9+45 RT.			295						
2-W	STA. 9+53.12 RT.				2					
3-W	STA. 9+52.68 RT.					14				
4-W	STA. 9+53 RT.									
5-W	STA. 6+50 - 9+45 RT.									
1-E	STA. 5+68.84 - 7+50 LT.									152
2-E	STA. 9+00 - 9+54.06 LT.									48
3-E	STA. 5+50 - 9+00 RT.									293
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>										493











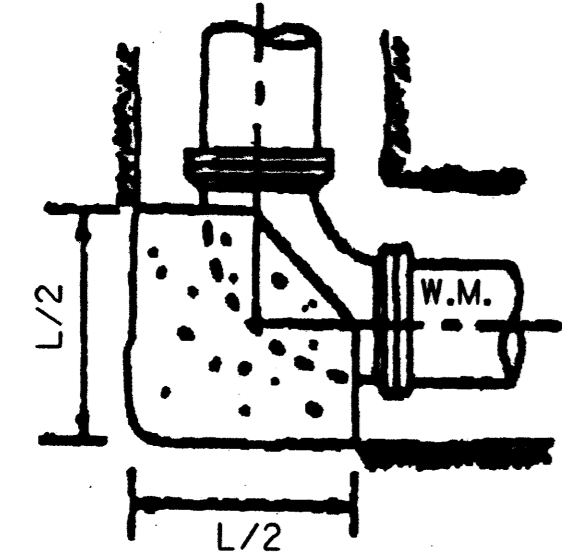
END STA.	END AREA		VOLUME	
	FILL	CUT	FILL	CUT
1025				
1020				
1015				
1020	203	0		
1015				
1025				
1020				
1015				
1025				
1020				
1015				
1025				
1020				
1015				
1025				
1020				
1015				
1025				
1020				
1015				
1025				
1020	118	32		
1015				
1010				
89			113	19
89			179	26

CALCULATED BY **JPC**  
 CHECKED BY **JB**  
**CROSS SECTIONS**  
**STA. 9+75 - 10+00.11 - FENN RD.**

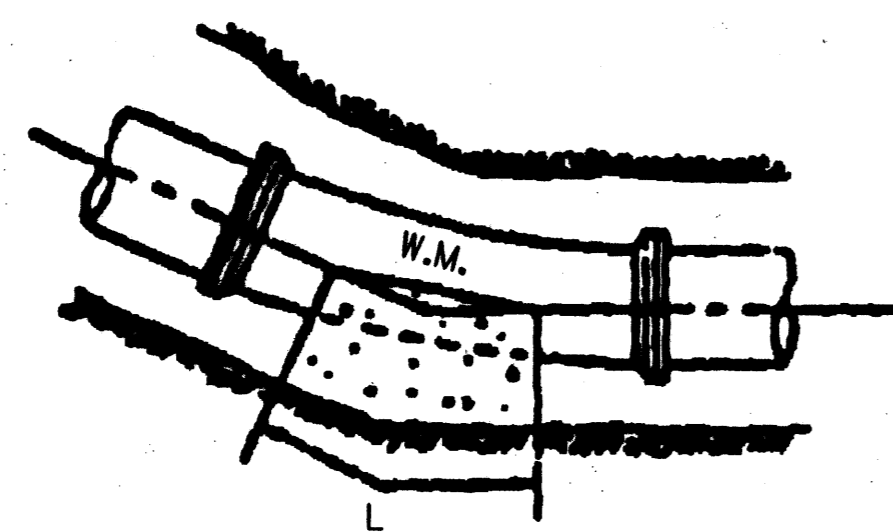
**MED-3-14.95**

18  
 31

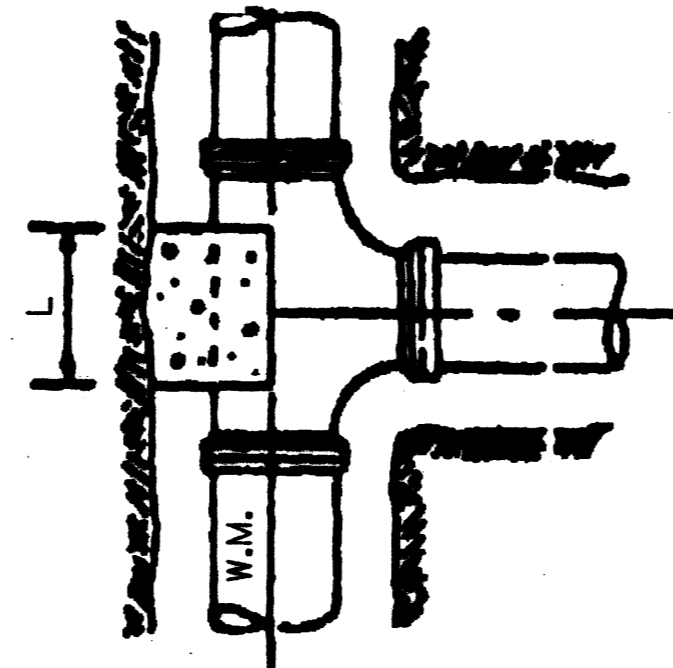




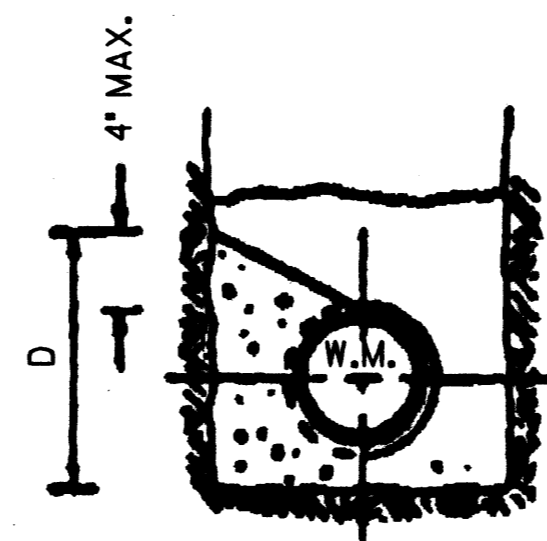
90° BEND



LESS THAN 90° BEND



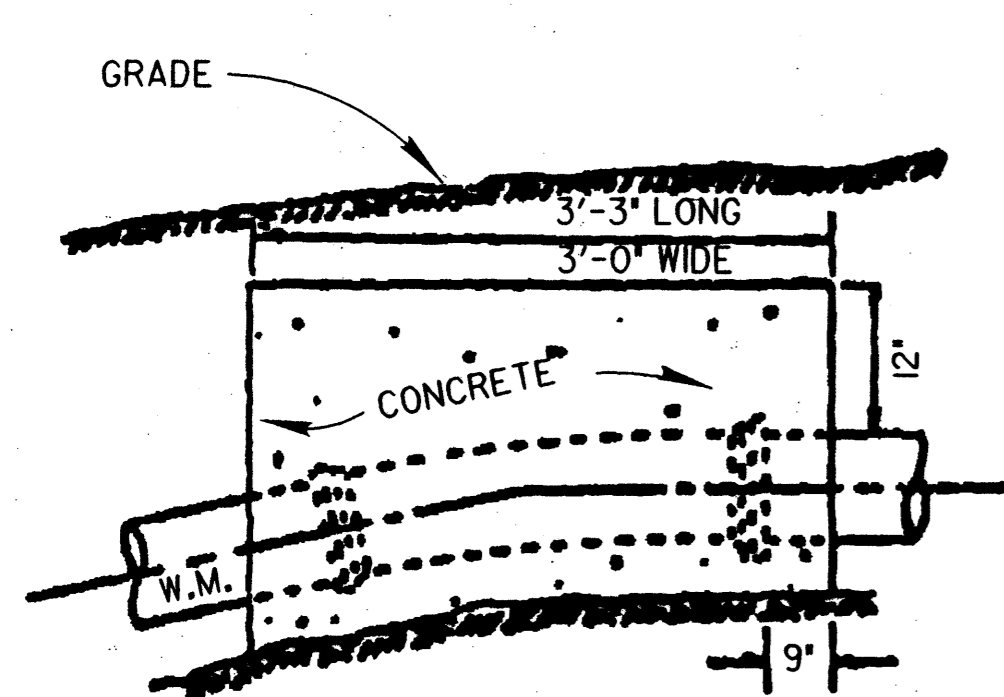
TEE



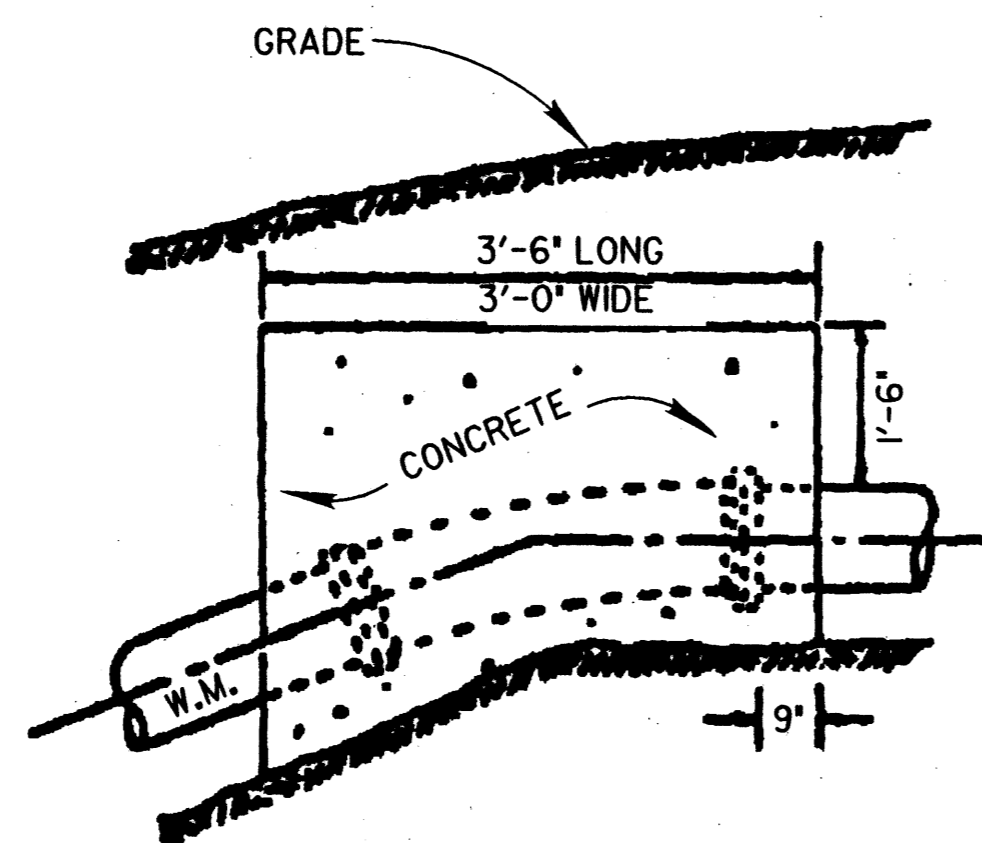
TYPICAL SECTION

TEES								
RUN	BRANCH							
	3",4",6"		8"		12"		16"	
	L	D	L	D	L	D	L	D
3',4',6'	16'	7"						
8'	14'	8"	18'	12"				
12'	9'	12"	12'	12"	24'	18"		
16'	8'	16"	14'	16"	28'	16"	30'	26"

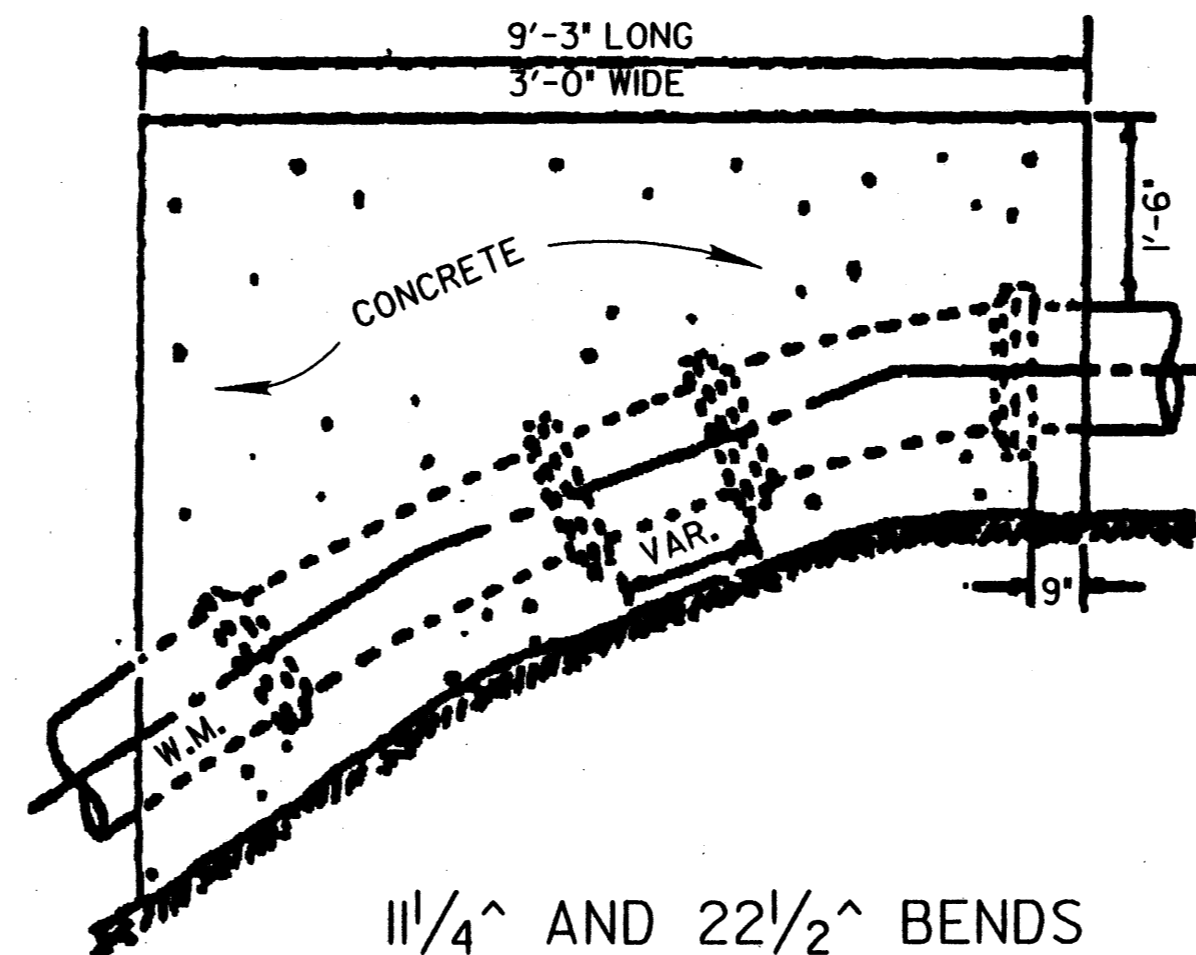
SIZE OF PIPE	BENDS							
	DEGREE OF BEND							
	11 1/4°		22 1/2°		45°		90°	
	L	D	L	D	L	D	L	D
3",4",6"	8"	6"	10"	6"	20"	6"	36"	6"
8"	9"	8"	14"	8"	24"	8"	50"	8"
12"	14"	12"	22"	12"	30"	15"	60"	15"
16"	18"	16"	14"	18"	33"	36"	70"	22"



11 1/4° BEND

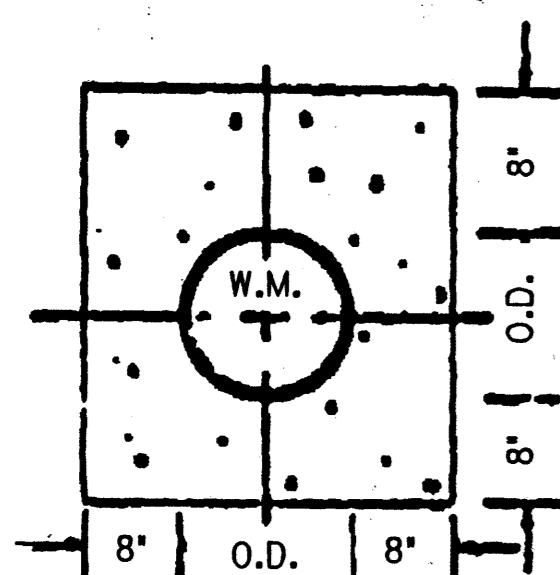


22 1/2° BEND

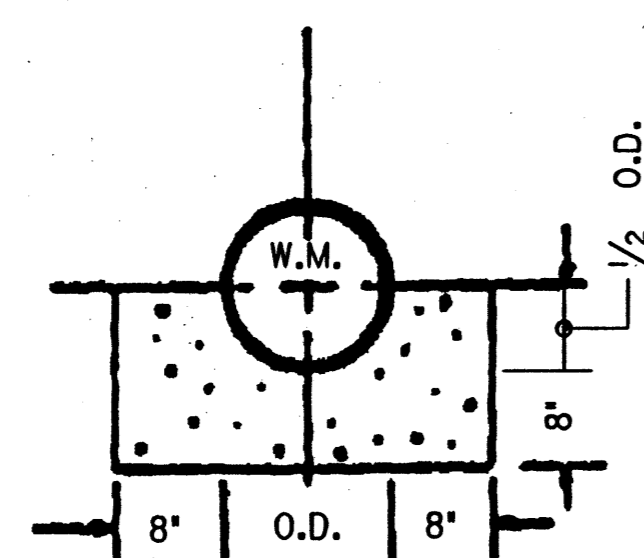


11 1/4° AND 22 1/2° BENDS

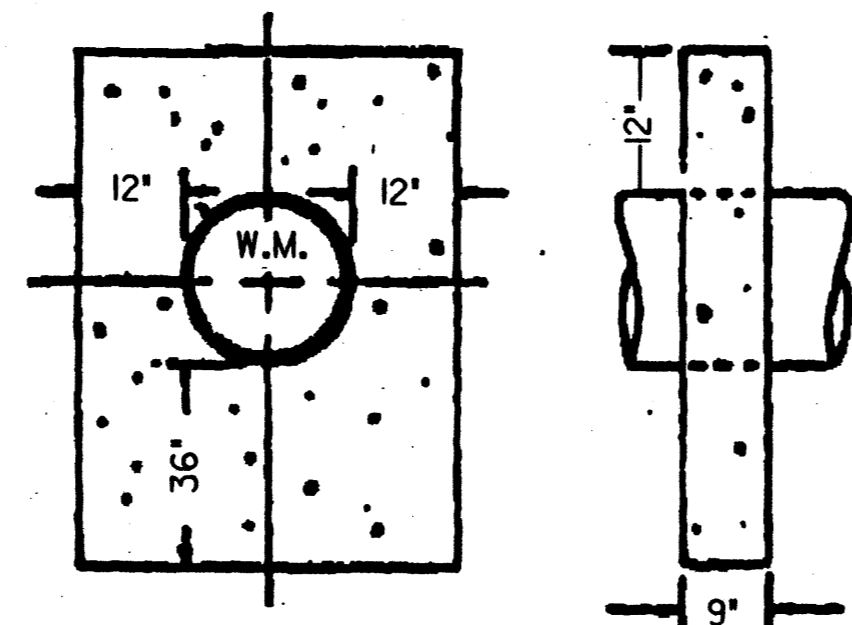
CONCRETE BLOCKING FOR VERTICAL BENDS



ENCASEMENT

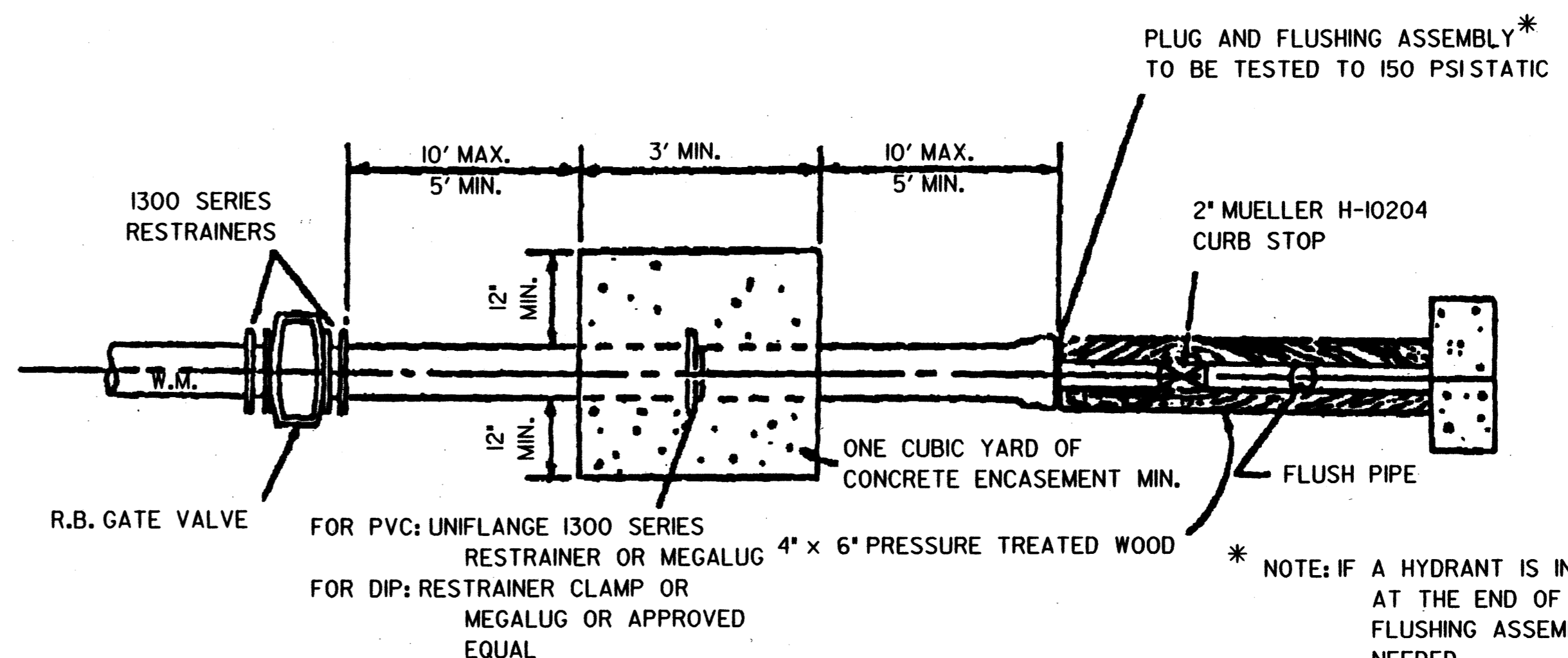


CRADLING



COLLAR DETAIL

ALL 2500 PSICONCRETE



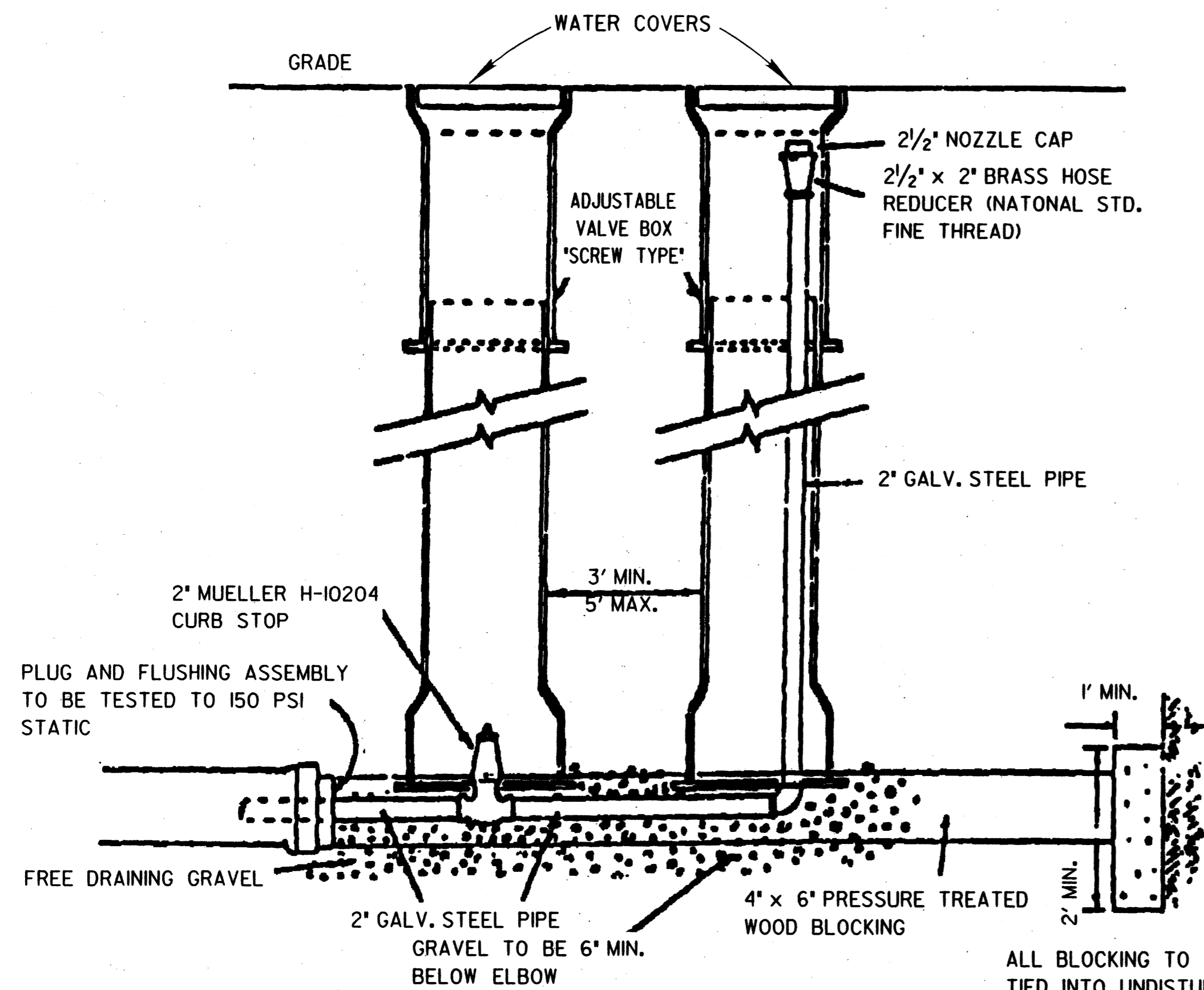
FOR PVC: UNIFLANGE 1300 SERIES RESTRAINER OR MEGALUG 4" x 6" PRESSURE TREATED WOOD  
 FOR DIP: RESTRAINER CLAMP OR MEGALUG OR APPROVED EQUAL

\* NOTE: IF A HYDRANT IS INSTALLED AT THE END OF THE LINE A FLUSHING ASSEMBLY IS NOT NEEDED.

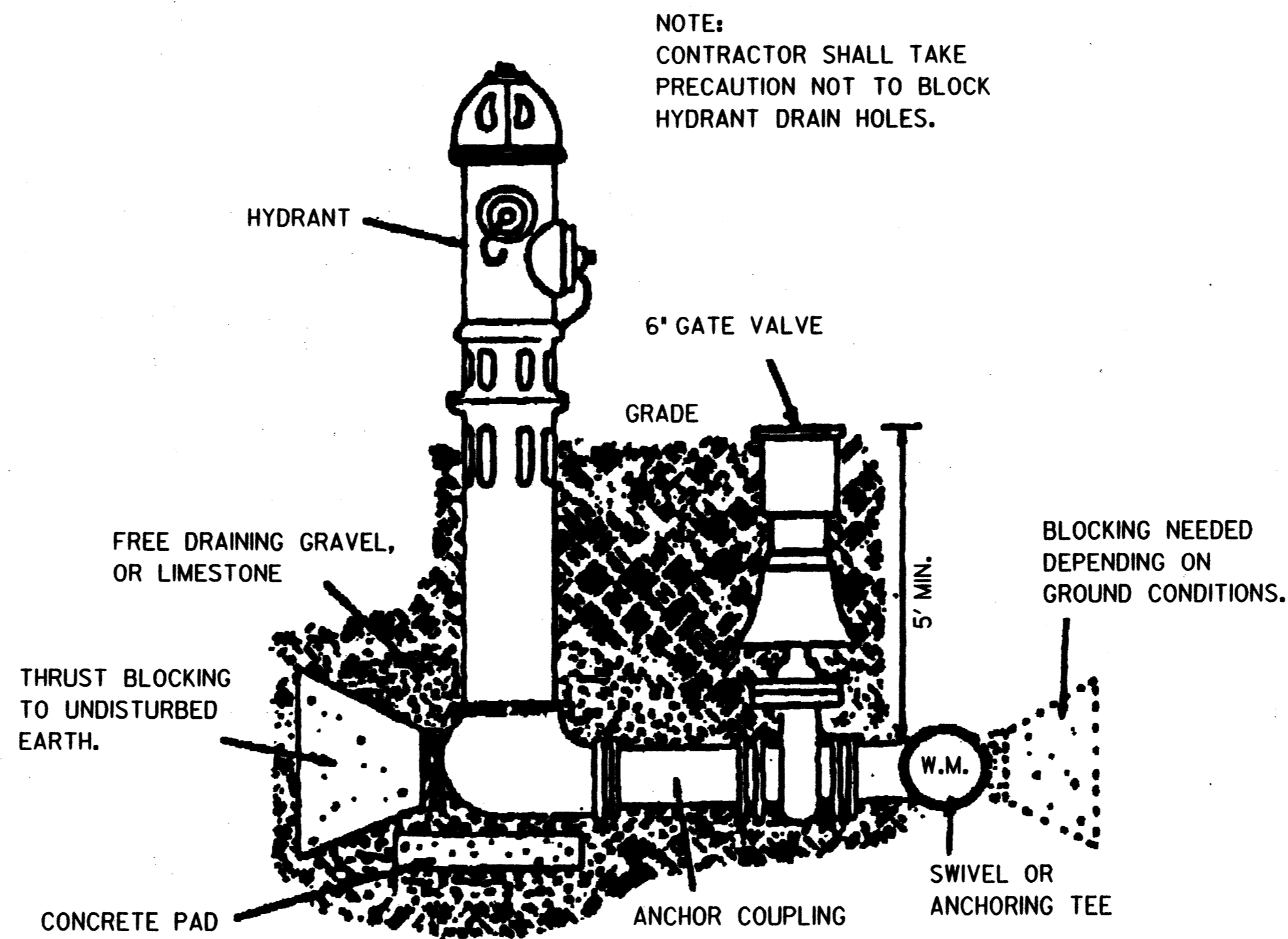
END OF WATER MAIN DETAIL (PLAN)

DETAILS FOR PROPOSED WATER LINE

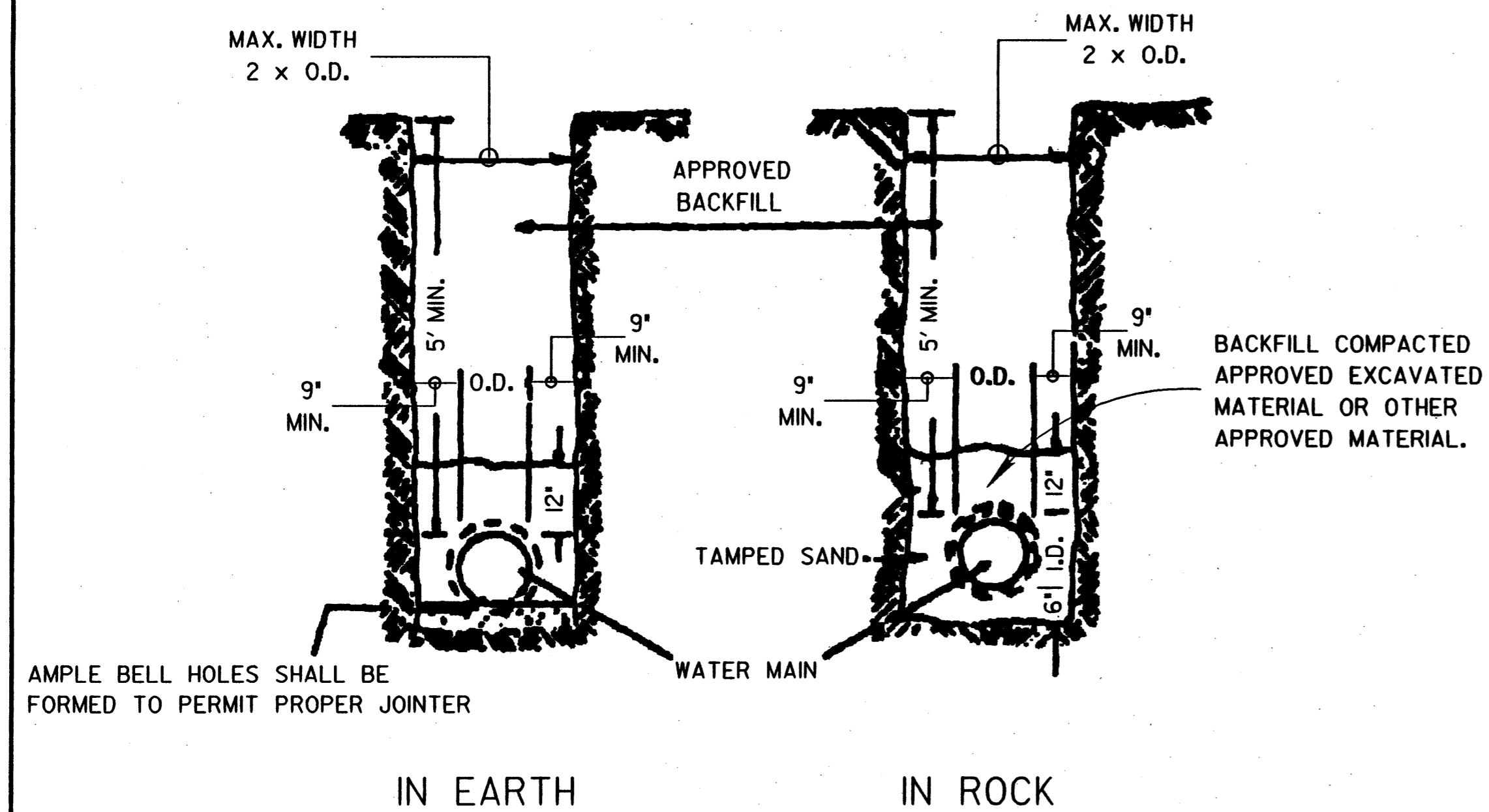
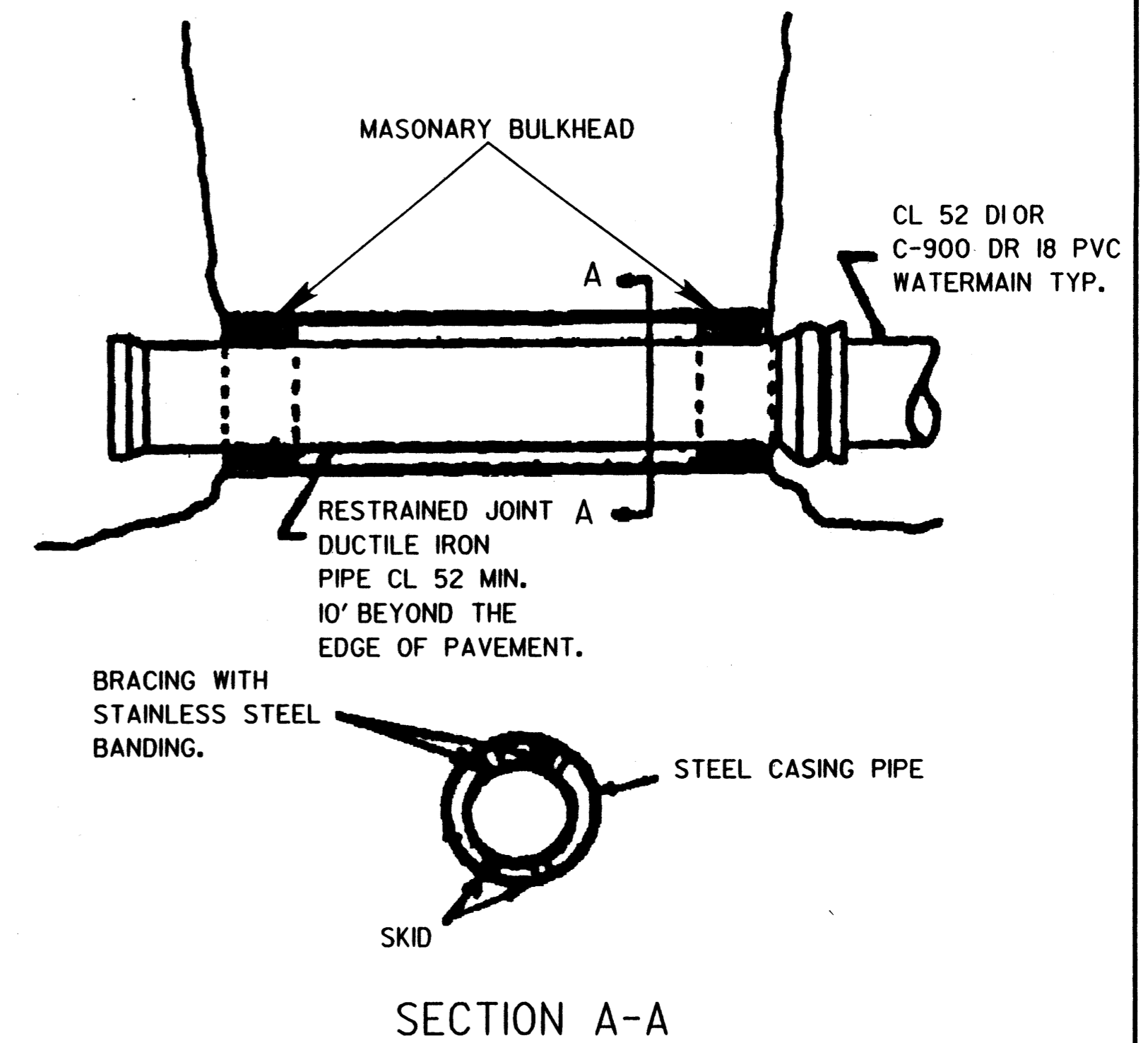
MED-3-14.95



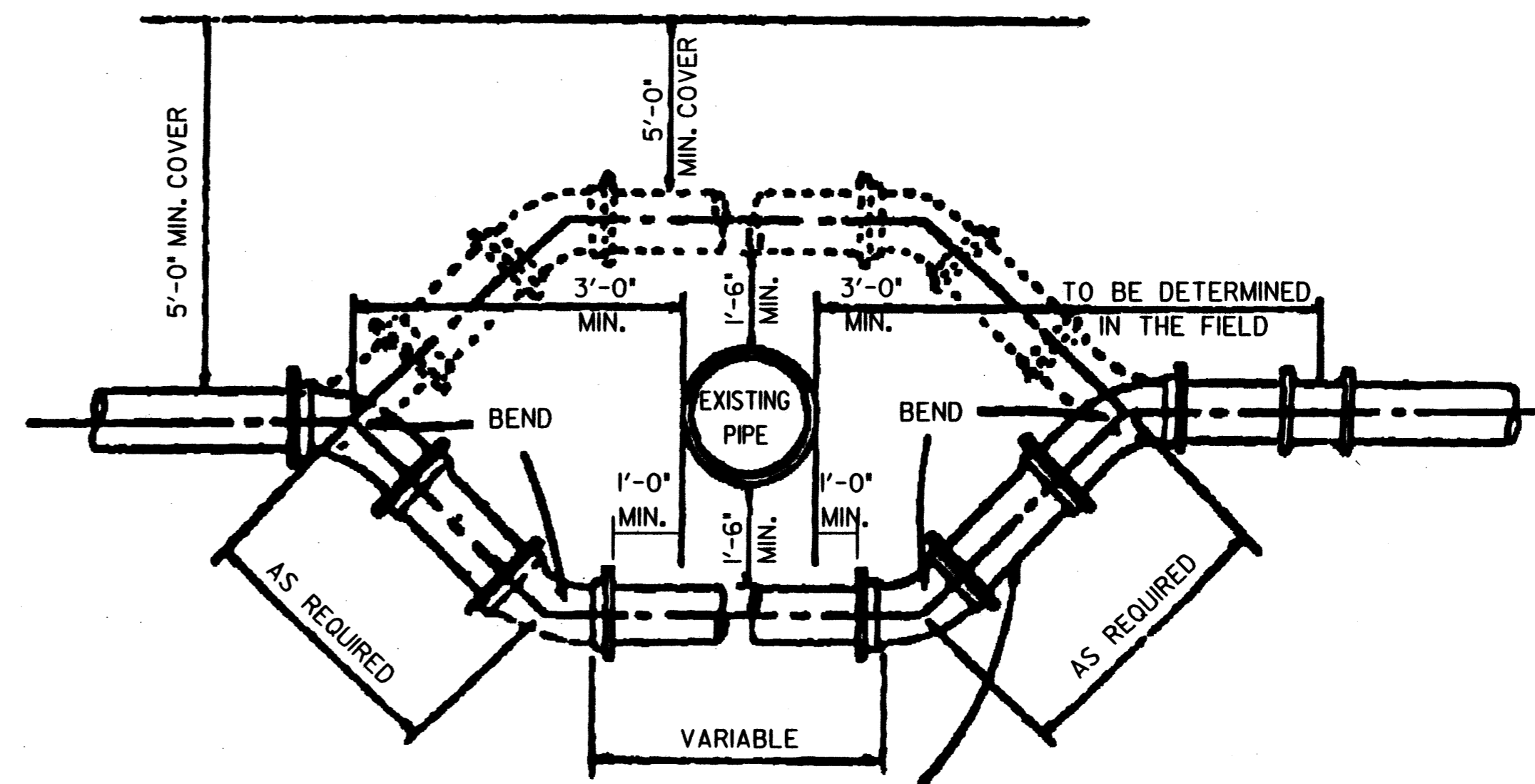
TYPICAL FLUSHING ASSEMBLY



TYPICAL HYDRANT SECTION



TRENCH DETAIL



STANDARD OFFSET DETAIL

DETAILS FOR PROPOSED WATER LINE

MED-3-14.95

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1. WATER MAINS ARE TO BE INSTALLED IN ACCORDANCE WITH THE CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THE MCSE AS DETAILED IN THE MEDINA COUNTY SANITARY ENGINEERING DEPARTMENT RULES AND REGULATIONS. ALL BENDS, TEE CROSSES, VALVES, HYDRANTS, AND SPECIAL FITTINGS SHALL HAVE MECHANICAL JOINT BELL ENDS. ALL CHANGES IN SIZE OR DIRECTION SHALL BE THRUST BLOCKED, MARKING TAPE SHALL BE INSTALLED 1'-0" BELOW FINISH GRADE AND ABOVE THE NEW WATER LINE, AND SHALL BE BLUE IN COLOR AND HAVE WATER LINE PRINTED ON IT.
2. ALL WATER MAIN TRENCHES UNDER EXISTING OR FURTHER PAVEMENTS TO BE BACKFILLED WITH #67, 6, OR 68 LIMESTONE OR LIMESTONE SCREENINGS TO PAVEMENT BASE. PLEASE NOTE THAT 6" OF SAND OR COMPACTED CLAY SHALL BE PLACED BETWEEN THE TOP OF THE MAIN AND THE BACKFILL.
3. MINIMUM DEPTH COVER SHALL BE FIVE FEET (5') UNLESS OTHERWISE NOTED.
4. A SIX INCH (6") HYDRANT ASSEMBLY SHALL INCLUDE THE TEE, VALVE, PIPE, A STANDARD SIX INCH (6") HYDRANT, THRUST BLOCKING AND NECESSARY OFFSET TO SET HYDRANT TO PROPER GRADE. HYDRANTS SHALL BE MUELLER CENTURION 5 1/4" VALVE OPENING. STONE FOR DRAINING MUST BE #57 WASHED GRAVEL.
5. IN THE TESTING OF A NEW WATER MAIN INSTALLATION, WHERE IT IS CONNECTED TO AN EXISTING WATER MAIN FOR THE TEST, FAILURE OF THE TEST OR ANY DAMAGE TO THE EXISTING FACILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR MAKING ALL NECESSARY ARRANGEMENTS WITH ALL UTILITY COMPANIES.
7. THE CONTRACTOR SHALL PROVIDE A 6' X 6' I.D. PLYWOOD OR BOXED SHEETED CHLORINATION PIT AT VARIOUS LOCATIONS AS SPECIFIED BY THE MEDINA COUNTY SANITARY ENGINEER. THE MCSE DEPARTMENT WILL PERFORM CHLORINATION AND FINAL FLUSHING FOLLOWING COMPLETION OF PRESSURE AND LEAKAGE TESTS.
8. THE WATER CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE MEDINA COUNTY SANITARY ENGINEERING DEPARTMENT FOR THE INSTALLATION OF ALL WATER CONNECTIONS. SEE DETAILED SPECIFICATIONS FOR MORE INFORMATION.
9. ALL WATER SERVICE CONNECTIONS SHALL BE MAINTAINED AT A MINIMUM OF FOUR FEET (4') OF COVER.
10. MINIMUM HORIZONTAL SEPARATION BETWEEN WATER MAINS AND STORM OR SANITARY SEWERS IS PER PLAN. THE BOTTOM OF THE WATER MAIN MUST BE AT LEAST EIGHTEEN INCHES (18") ABOVE THE TOP OF THE SEWER OR THE SEWER MUST HAVE JOINTS EQUIVALENT TO WATER MAIN STANDARDS AND MUST BE PRESSURE TESTED. ALSO THE SANITARY SEWER AND WATER MAIN MUST BE INSTALLED IN SEPARATE TRENCHES, SEE TYPICAL TRENCH SECTION BELOW.
- II. A FINAL INSPECTION BY THE MCSE OF ALL WATER LINES IS REQUIRED. INSPECTION REQUIREMENTS FOR ACCEPTANCE OF THE WATER LINES ARE:
  - A. A HYDROSTATIC PRESSURE AND LEAKAGE TEST PER MCSE STANDARD SPECIFICATION.
  - B. A DISINFECTION (CHLORINATION) TEST PER MCSE STANDARD SPECIFICATION.

12. COSTS FOR ALL TESTS RELATIVE TO TESTING AND INSPECTION SHALL BE BORNE BY THE COUNTY.

13. ALL FITTINGS TO BE MECHANICAL JOINT. GATE VALVES MUST BE MUELLER SERIES A-2370-20 RESILIENT SEATED, OPEN LEFT.

Pipe Specifications: Water Main Material A.W.W.A. Specification

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\*\* Ductile Iron Cement Lined A.W.W.A. C-151-76  
(use a MCSE approved restrainer gland with all fittings)

\*\* WHEN USING CL 52 D.I. WATER LINE WITH DUCTILE IRON VALVES OR FITTINGS, RESTRAINED GLANDS MUST BE USED.

14. POLYETHYLENE ENCASEMENT

ALL MECHANICAL JOINTS, ALL RETAINED MECHANICAL JOINTS, ALL VALVES AND ALL PIPE AND FITTINGS WHERE SHOWN ON THE DRAWING OR WHERE REQUIRED SHALL BE POLYETHYLENE ENCASED. POLYETHYLENE ENCASEMENT FOR MECHANICAL JOINTS, RETAINED MECHANICAL JOINTS OR ANY JOINT REQUIRING BOLTS SHALL BE GENERALLY IN ACCORDANCE WITH AMERICAN NATIONAL STANDARD ANSI/AWWA C105/A21.5-82 FOR POLYETHYLENE ENCASEMENT FOR DUCTILE-IRON PIPING FOR WATER AND OTHER LIQUIDS. MECHANICAL JOINTS, RETAINED MECHANICAL JOINTS AND ALL BOLTED JOINTS SHALL HAVE DOUBLE POLYETHYLENE ENCASEMENT OF CLASS C (BLACK) FILM, METHOD C DOUBLING SHEET AND PROVIDING ONE FOOT (1') MINIMUM OVERLAP ON PIPE OR FITTINGS ON BOTH SIDES OF JOINT. ALL PIPE AND FITTINGS WHERE SHOWN ON THE DRAWINGS OR WHERE OTHERWISE REQUIRED TO BE POLYETHYLENE ENCASED SHALL BE ENCASED USING CLASS C FILM, METHOD B. POLYETHYLENE ENCASEMENT SHALL BE SECURELY TAPED SNUG AROUND PIPE AND FITTINGS.

15. PAINTING

AFTER ERECTION AND BEFORE POLYETHYLENE ENCASEMENT, ALL EXPOSED OR DAMAGED COATING AND ALL BOLTS FOR MECHANICAL JOINTS, RETAINED MECHANICAL JOINTS, FLANGES AND VICTAULIC OR COMPRESSION TYPE BOLTED SLEEVED COUPLINGS SHALL BE CLEANED AND PAINTED WITH THREE (3) FIELD COAST OF INERTOL 50 OR BITUMASTIC 50 OR EQUIVALENT.

CALCULATED

CHECKED

WATER LINE GENERAL NOTES

MED-3-14.95

UNDERDRAINS FOR PULL BOXES

REFERENCE IS MADE TO STANDARD DRAWING HL-30.11 FOR DETAILS OF DRAINING PULL BOXES. UNDERDRAINS FOR PULL BOXES SHALL BE USED AS DIRECTED BY THE ENGINEER AND SHALL BE PROVIDED WHERE THE LENGTH REQUIRED FOR A SATISFACTORY OUTLET DOES NOT EXCEED APPROXIMATELY 20 FEET. AN ESTIMATED QUANTITY OF "260 LINEAR FEET OF ITEM 603, 4" CONDUIT TYPE E" IS INCLUDED IN THE TRAFFIC CONTROL GENERAL SUMMARY FOR THIS PURPOSE.

TRAFFIC CONTROL SYSTEM GUARANTEE

THE CONTRACTOR SHALL GUARANTEE THAT THE TRAFFIC CONTROL SYSTEM INSTALLED AS PART OF THIS CONTRACT SHALL OPERATE SATISFACTORILY FOR A PERIOD OF 90 DAYS FOLLOWING COMPLETION OF THE 10-DAY PERFORMANCE TEST. IN THE EVENT OF UNSATISFACTORY OPERATION, THE CONTRACTOR SHALL CORRECT FAULTY INSTALLATIONS, MAKE REPAIRS AND REPLACE DEFECTIVE PARTS WITH NEW PARTS OF EQUAL OR BETTER QUALITY. EQUIPMENT, MATERIAL AND LABOR COSTS INCURRED IN CORRECTING AN UNSATISFACTORY OPERATION SHALL BE BORNE BY THE CONTRACTOR.

THE GUARANTEE SHALL COVER THE FOLLOWING ITEMS OF THE TRAFFIC CONTROL SYSTEM: CONTROLLERS AND ASSOCIATED EQUIPMENT, DETECTOR UNITS, INTERCONNECTION ITEMS AND MASTER CONTROL EQUIPMENT.

CUSTOMARY MANUFACTURER'S GUARANTEES FOR THE FORE-GOING ITEMS SHALL BE TURNED OVER TO THE STATE OR THE MAINTAINING AGENCY FOLLOWING ACCEPTANCE OF THE EQUIPMENT.

THE COST OF GUARANTEEING THE TRAFFIC CONTROL SYSTEM WILL BE INCIDENTAL TO AND INCLUDED IN THE CONTRACT UNIT PRICE OF THE VARIOUS ITEMS MAKING UP THE SYSTEM.

ITEM 632 REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN

TRAFFIC SIGNAL INSTALLATIONS, INCLUDING SIGNAL HEADS, CABLE, MESSENGER WIRE, STRAIN POLES, CABINET, CONTROLLER, ETC., SHALL BE REMOVED IN ACCORDANCE WITH 632.25 AND AS ON THE PLANS. REMOVED ITEMS SHALL BE REUSED AS PART OF A NEW INSTALLATION ON THE PROJECT OR SHALL BE STORED ON THE PROJECT FOR SALVAGE BY ODOT DISTRICT 3 FORCES, IN ACCORDANCE WITH THE LISTING GIVEN HEREIN.

ITEMS TO BE REUSED:

CONTROLLER

ITEMS TO BE STORED:

CONTROLLER CABINET  
SIGNAL HEADS

PULL BOX REMOVED, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF REMOVING AN EXISTING PULL BOX WHICH SHALL THEN BE STORED FOR SALVAGE BY ODOT DISTRICT 3 FORCES. THE RESULTANT OPENING SHALL THEN BE BACKFILLED TO GRADE WITH SUITABLE COMPACTED SOIL AND RESTORED TO MATCH THE SURROUNDING AREA.

PAYMENT WILL BE MADE AT THE UNIT BID PRICE FOR EACH ITEM 202 "CONCRETE PULL BOX REMOVED, AS PER PLAN".

POWER SUPPLY FOR TRAFFIC SIGNALS

ELECTRIC POWER SHALL BE OBTAINED FROM THE OHIO EDISON COMPANY AT THE LOCATION INDICATED ON THE PLANS. POWER SHALL BE 120 VOLTS.

STRAIN POLE FOUNDATION ELEVATIONS

ELEVATIONS SHOWN IN THE PLANS FOR STRAIN POLE FOUNDATIONS ARE FOR COMPUTATIONAL PURPOSES ONLY. THE ACTUAL ELEVATION OF THE FOUNDATION SHALL BE IN ACCORDANCE WITH TC-21.20 PROVIDED THE EXISTING SLOPE IS LESS THAN 6:1.

AT LOCATIONS WHERE THE EXISTING SLOPE IS 6:1 OR GREATER THE BURIED DEPTH OF FOUNDATION, AS SHOWN IN STANDARD DRAWING TC-21.20, SHALL APPLY TO THE LOW SIDE OF THE SLOPE. THE TOP OF THE FOUNDATION SHALL BE SET 1 INCH ABOVE THE EXISTING SURFACE ON THE HIGH SIDE OF THE SLOPE. THE ADDITIONAL DEPTH OF FOUNDATION NECESSARY TO MEET THESE REQUIREMENTS SHALL BE ADDED TO THE FORMED TOP.

PAYMENT FOR ADDITIONAL CONCRETE SHALL BE AT THE CONTRACT UNIT PRICE BID FOR ITEM 632 CONCRETE FOR ANCHOR BASE FOUNDATION.

ITEM 632 LOOP DETECTOR UNITS, BY TYPE, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF 632 AND 732.07 OR 732.08, LOOP DETECTOR UNITS SHALL HAVE THE FOLLOWING REQUIREMENTS OR FEATURES:

THE OUTPUT DEVICE SHALL BE A RELAY, AND ALL CONTACTS SHALL BE INCLUDED IN THE WIRING HARNESS.

THE UNIT SHALL BE SELF TUNING.

THE UNIT'S ELECTRICAL CONNECTION PLUGS OR WIRING HARNESS SHALL ALLOW READY REPLACEMENT WITH A SINGLE CHANNEL AMPLIFIER AS DESCRIBED IN THE FINAL PARAGRAPH OF 732.07.

TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS

REFERENCES TO SUPPLEMENTAL SPECIFICATIONS 857, 858, 861, 957, 958 AND 961 ON THE TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS IN THESE PLANS SHALL BE CONSIDERED TO READ AS RESPECTIVE REFERENCES TO ITEMS 630, 631, 633, 730, 731 AND 733.

REFERENCES TO ITEM 608, 4' CONCRETE WALK ON THE TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS IN THESE PLANS SHALL BE CONSIDERED TO READ ITEM 633, CONTROLLER WORK PAD.

ITEM 632 POWER SERVICE, AS PER PLAN

POWER SERVICE SHALL BE AS PER SPECIFICATION 632 EXCEPT THAT THE CONTRACTOR SHALL PROVIDE THE METER BASE WITH A "BYPASS FEATURE".

632 VEHICULAR SIGNAL HEAD, AS PER PLAN

THIS ITEM SHALL CONFORM TO ITEM 632 EXCEPT THE ENTRANCE FITTING SHALL BE OF THE TRI-STUD DESIGN WITH SERRATED RINGS IN ORDER TO ACHIEVE POSITIVE LOCKING.

ITEM 632 LOOP DETECTOR TIE-IN, AS PER PLAN

THIS WORK SHALL CONSIST OF MAKING A CONNECTION TO EXISTING LOOP DETECTOR LEAD-IN CABLE AND DETECTOR WIRE AT PB-2. INCLUDED IN THIS ITEM IS THE CONECTOR KIT OR CABLE SPLICE KIT (CONFORMING TO 713.15) THAT MUST BE USED IN MAKING THIS CONNECTION. THIS ITEM IS ONLY NEEDED WHEN A TIE-IN SITUATION EXISTS. WHEN ALL NEW LEAD-IN WIRE IS SPECIFIED IN THE PLAN, THIS ITEM OF WORK IS NOT REQUIRED. PAYMENT FOR THIS ITEM WILL INCLUDE ALL NECESSARY LABOR, MISCELLANEOUS HARDWARE, AND EQUIPMENT REQUIRED TO PROVIDE FOR THE LOOP DETECTOR TIE-IN AND OPERATION. BASIS OF PAYMENT WILL BE AT CONTRACT BID PRICE PER EACH.

ITEM 625 CONDUIT, 1", 713.04, AS PER PLAN

THIS WORK SHALL INCLUDE THE FURNISHING AND INSTALLING OF CONDUIT FROM THE PROPOSED PULL BOX PB-3 TO THE EXISTING PULL BOX PB-2 ALONG WITH ALL WORK REQUIRED THEREIN TO MAKE THE CONNECTION AT THE EXISTING PULL BOX AS REQUIRED IN 625 AND 713. FOLLOWING INSTALLATION THE GROUND SURFACE SHALL BE RESTORED TO THE ORIGINAL CONTOUR AND SURFACE CONDITION. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 625, CONDUIT, 1", 713.04, AS PER PLAN.

CALCULATED  
JJC  
CHECKED  
AB

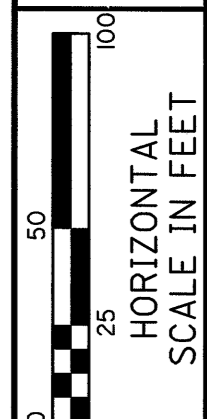
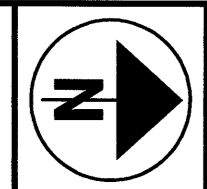
TRAFFIC CONTROL GENERAL NOTES

MED-3-14.95

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31







CALCULATED *JJC*  
CHECKED *AB*

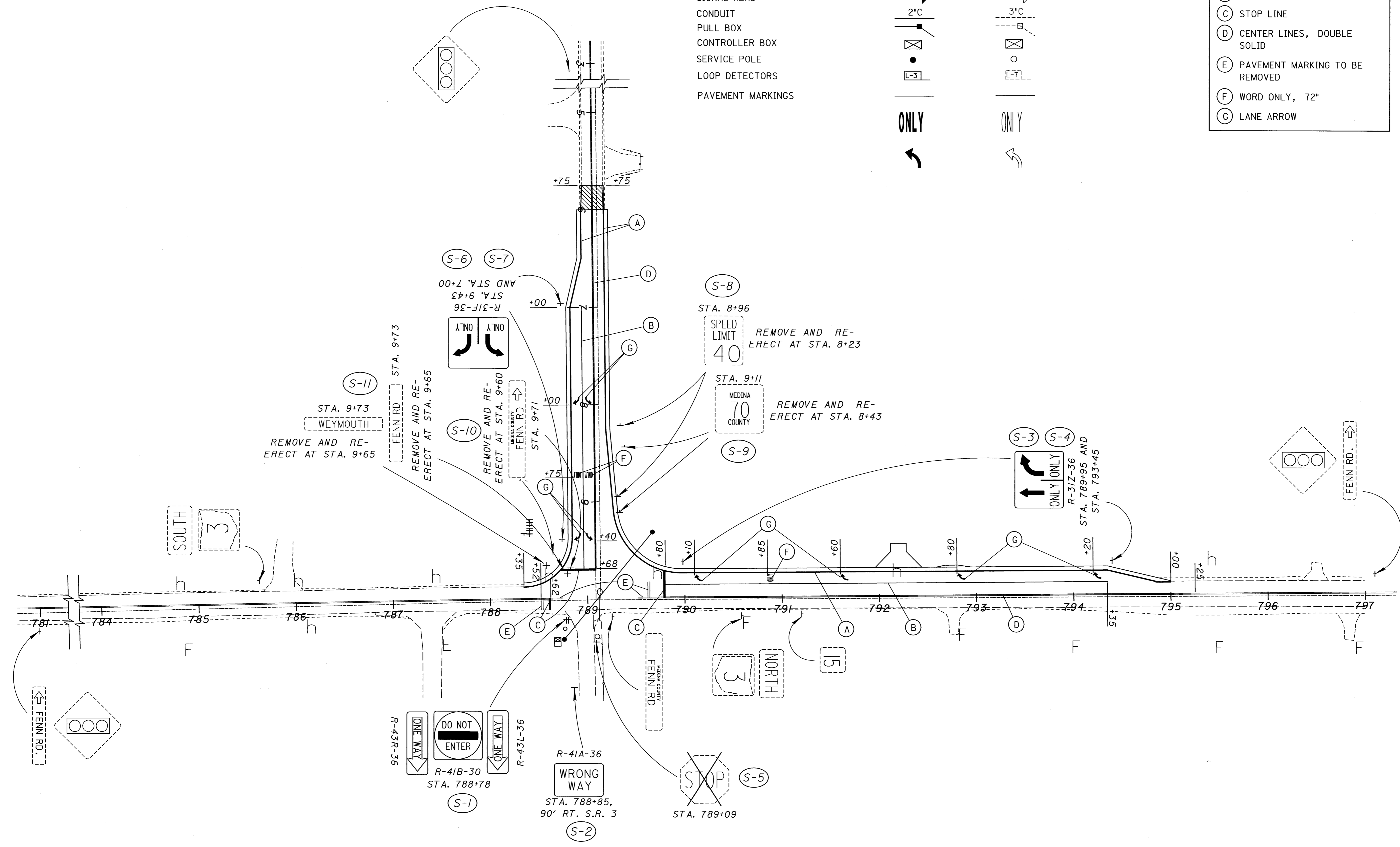
# SIGNING AND PAVEMENT MARKING SHEET

MED-3-14.95

### TRAFFIC CONTROL SYMBOLS :

	PROPOSED	EXISTING	EXISTING TO BE REMOVED
SIGNS			
GROUND MOUNTED SUPPORTS			
SIGNAL HEAD			
CONDUIT			
PULL BOX			
CONTROLLER BOX			
SERVICE POLE			
LOOP DETECTORS			
PAVEMENT MARKINGS			

PAVEMENT MARKING LEGEND	
(A)	EDGE LINES, WHITE
(B)	CHANNELIZING LINE
(C)	STOP LINE
(D)	CENTER LINES, DOUBLE SOLID
(E)	PAVEMENT MARKING TO BE REMOVED
(F)	WORD ONLY, 72"
(G)	LANE ARROW







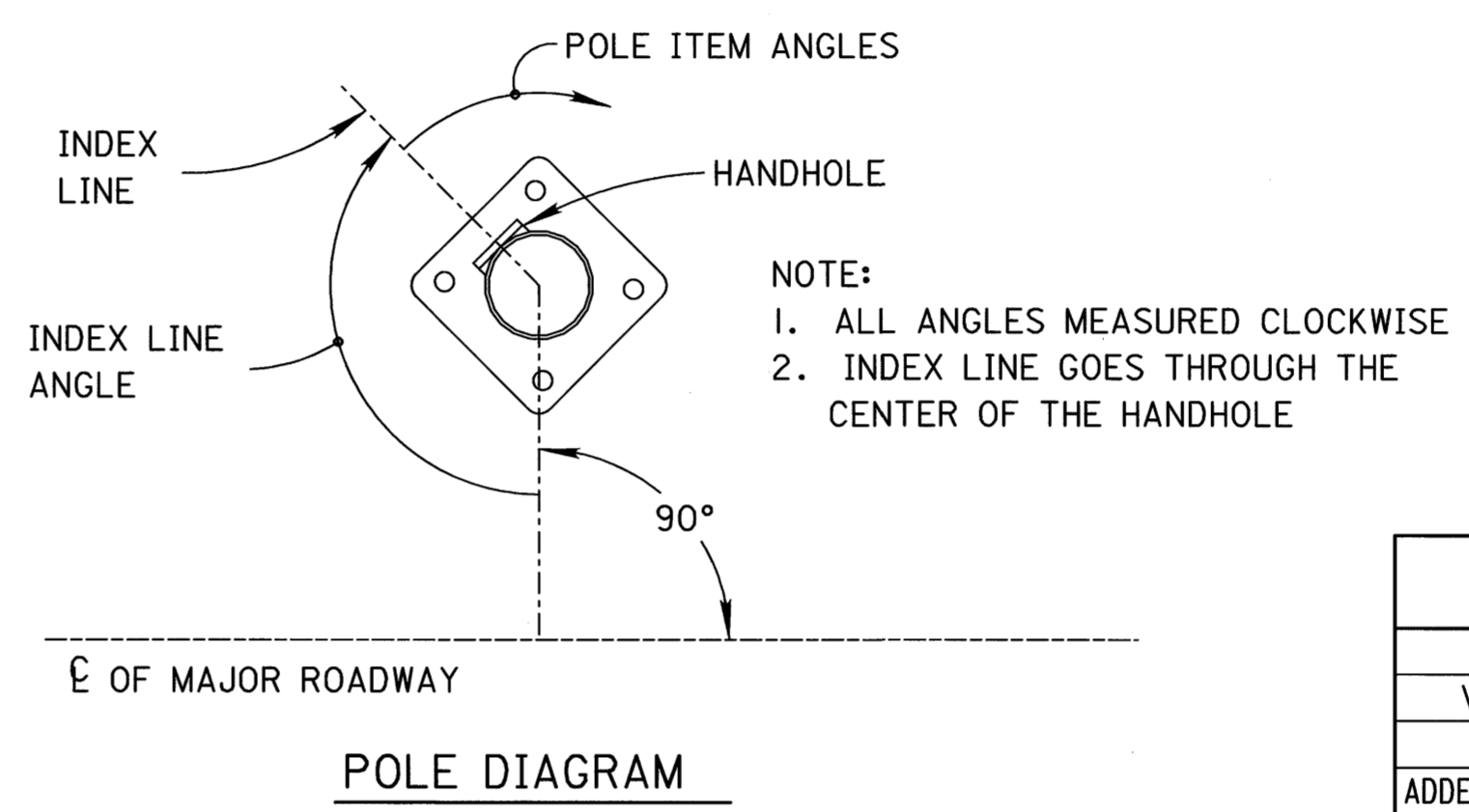
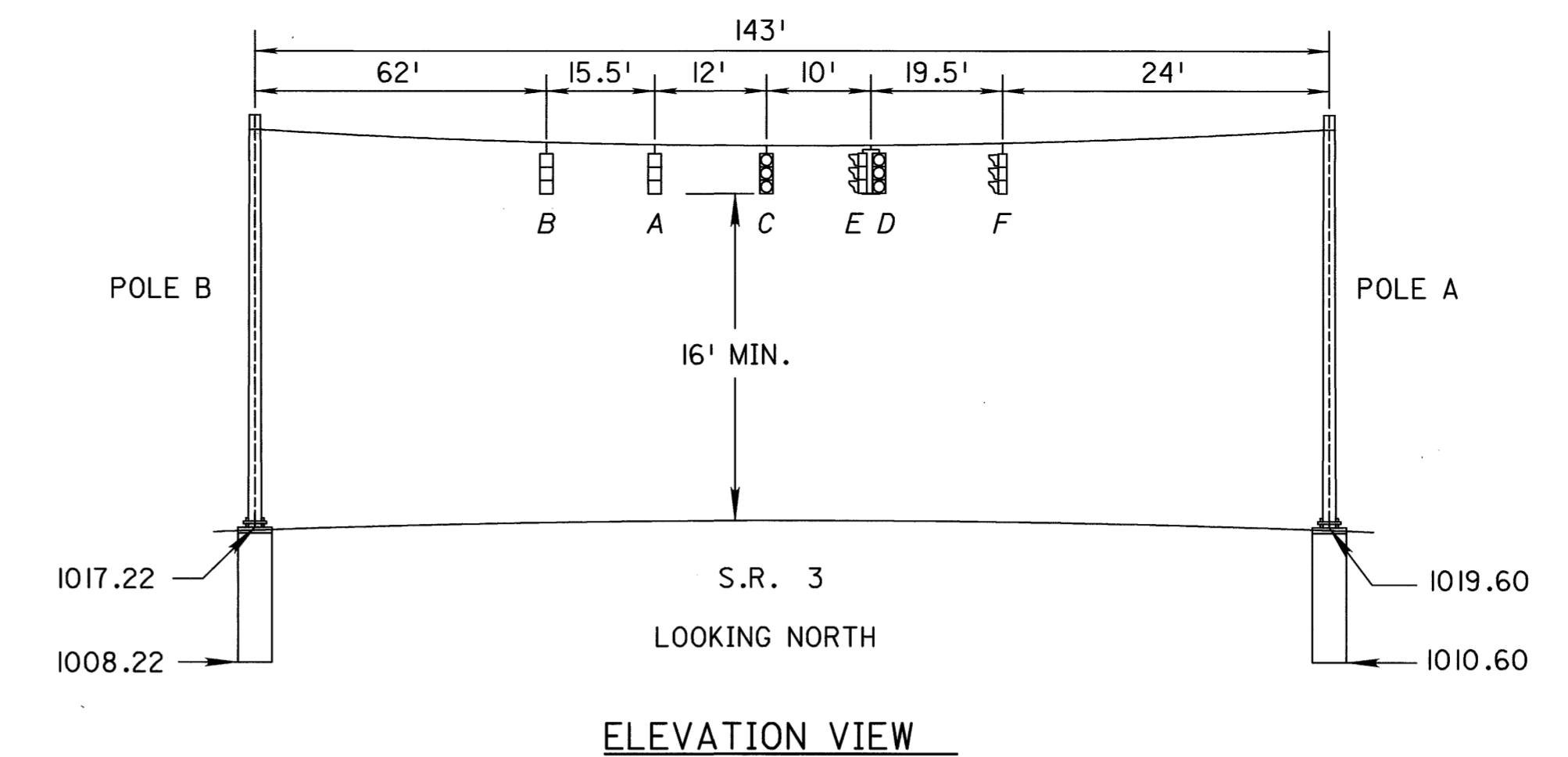
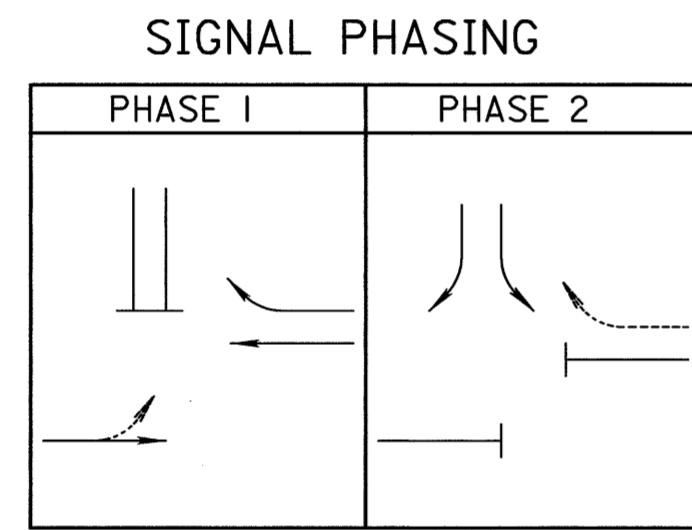
MATCH LINE C-C  
STA. 7+00 - FENN RD., SEE SHEET 26

HORIZONTAL SCALE IN FEET

**POLE ORIENTATION CHART**

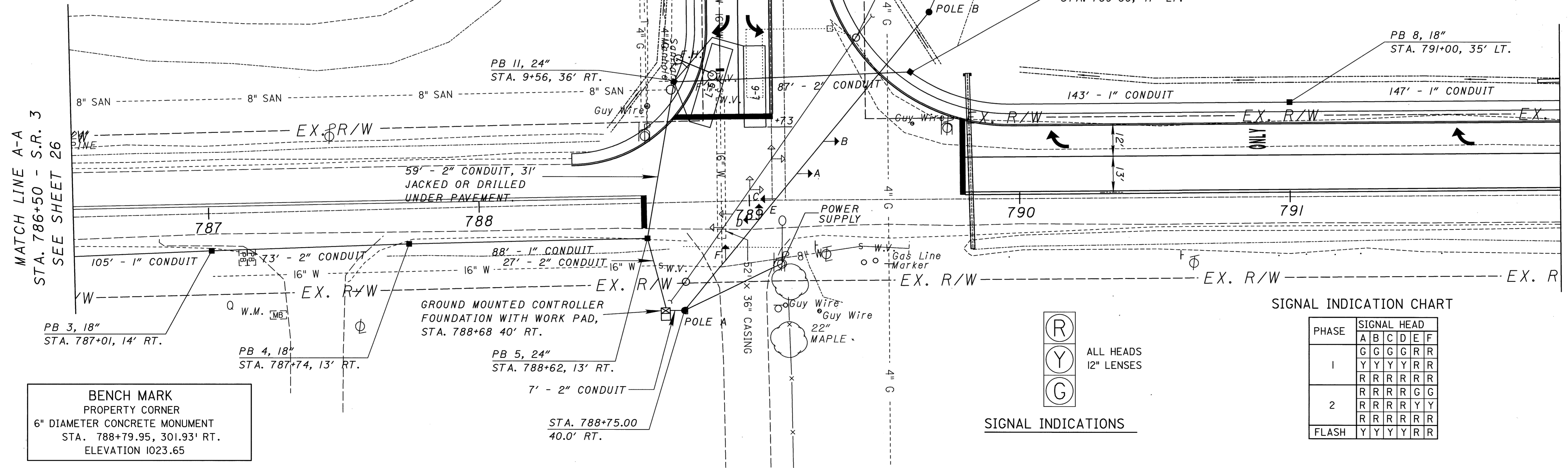
POLE	STATION	OFFSET	INDEX LINE ANGLE	ANGLES FROM INDEX LINE		
				SIGNAL CABLE ENTRANCE	CONTROLLER	POWER SERVICE
A	788+75.00	40' RT.	221°	180°	-	205°
B	789+67.00	69' LT.	220°	180°	-	-

POLE A: STRAIN POLE, TYPE TC-81.10, DESIGN 6, 30' POLE  
POLE B: STRAIN POLE, TYPE TC-81.10, DESIGN 6, 32' POLE

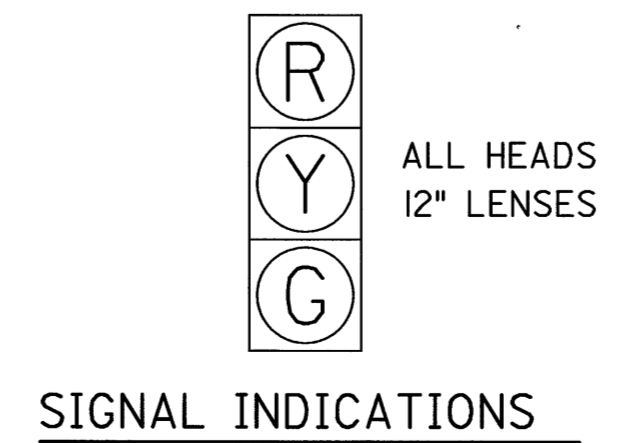


**SIGNAL TIMING CHART**

INTERVAL	PHASE	
	1	2
MIN. GREEN	14	12
VEHICLE INTERVAL	3	3
MAX. GREEN	60	40
ADDED INITIAL PER ACTUATION	0.5	
MAX. INITIAL	25	
YELLOW	4	4
ALL RED	1	2
MEMORY	LOCK	NON-LOCK
RECALL	ON	OFF
INITIALIZATION	GREEN	RED



**BENCH MARK**  
PROPERTY CORNER  
6" DIAMETER CONCRETE MONUMENT  
STA. 788+79.95, 301.93' RT.  
ELEVATION 1023.65

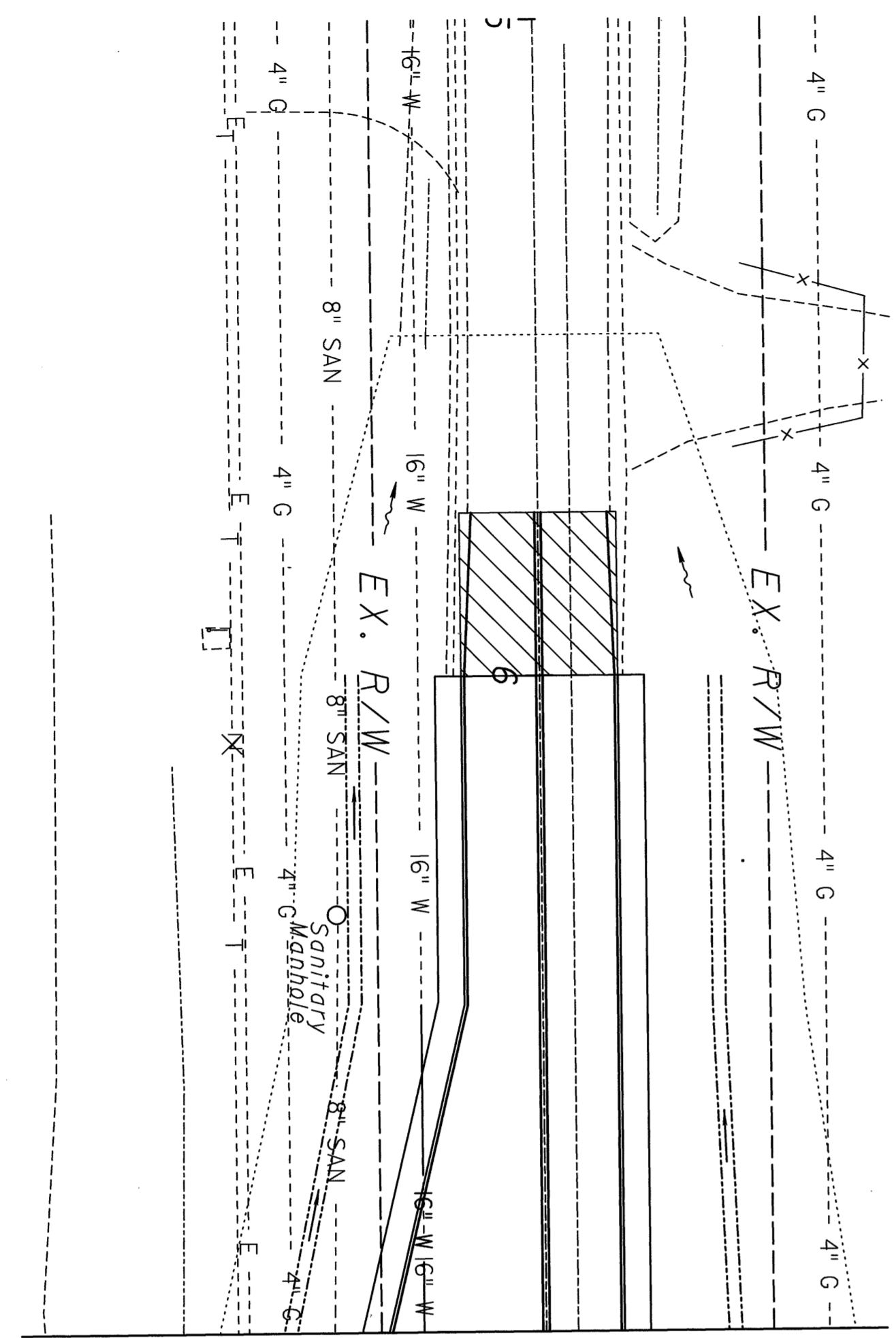


**SIGNAL INDICATION CHART**

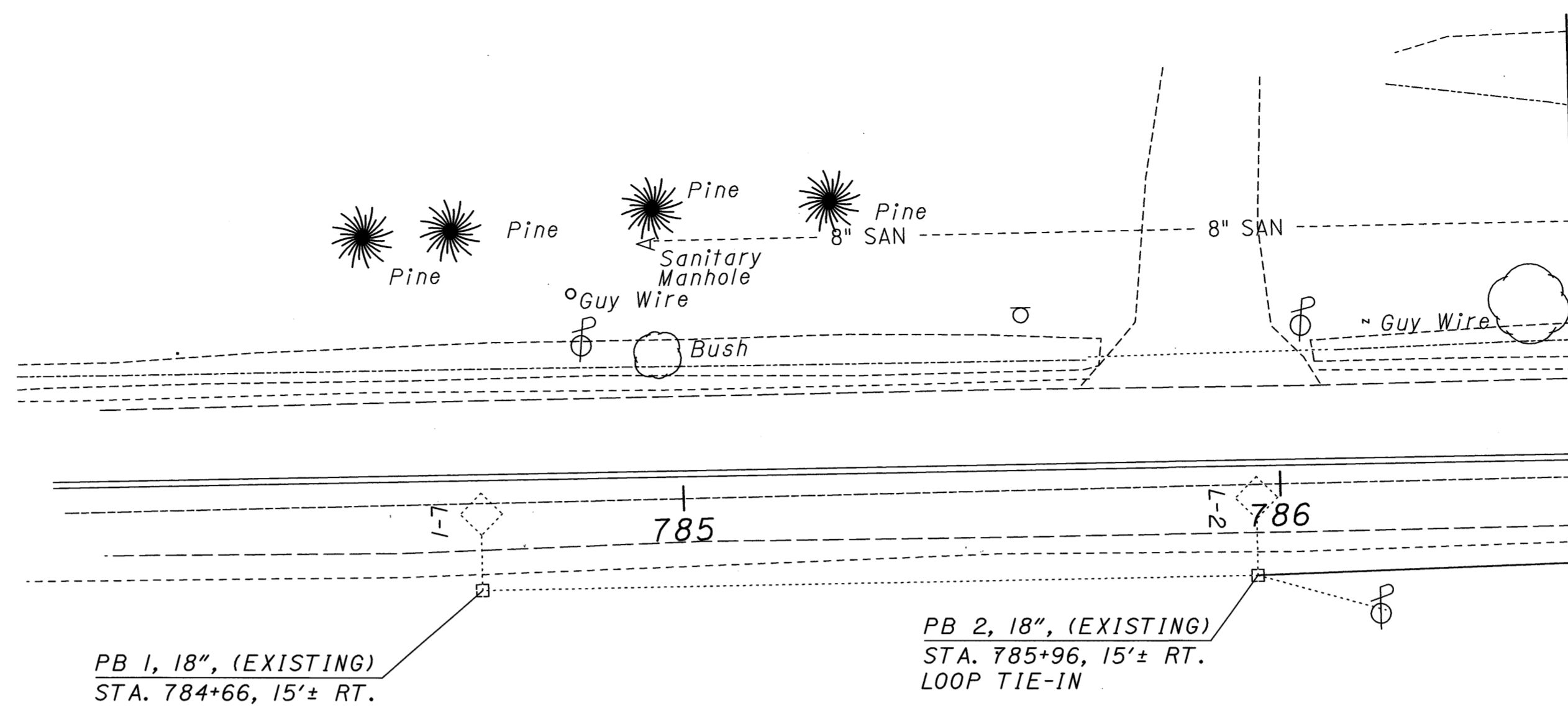
PHASE	SIGNAL HEAD					
	A	B	C	D	E	F
1	G	G	G	R	R	R
2	R	R	R	R	Y	Y
FLASH	Y	Y	Y	Y	R	R

SIGNAL PLAN SHEET - S.R. 3 AND FENN RD.

MED-3-14.95



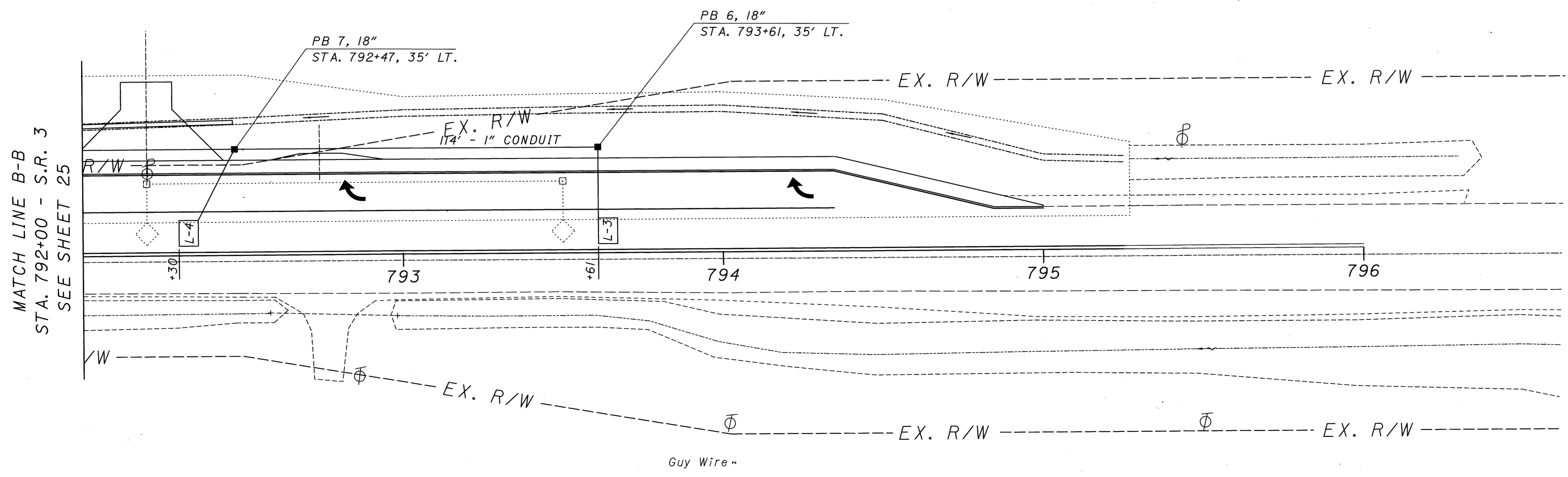
MATCH LINE C-C  
STA. 7+00 - FENN RD., SEE SHEET 25



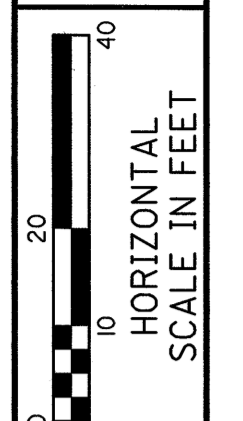
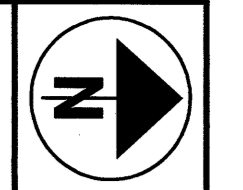
MATCH LINE A-A  
STA. 786+50 - S.R. 3  
SEE SHEET 25

LOOP DETECTOR CHART

LOOP	SIZE	Ø	AMPLIFIER NO.	EXT (SEC)	DELAY (SEC)	MODE	REMARKS
L-1	6 X 6	1	1	-	-	PULSE	EXISTING DIAMOND
L-2	6 X 6	1	1	-	-	PULSE	EXISTING DIAMOND
L-3	6 X 8	1	2	-	-	PULSE	
L-4	6 X 8	1	2	-	-	PULSE	
L-5	30 X 8	2	4	-	8	PRES.	INHIBIT DELAY DURING PHASE 2 GREEN
L-6	30 X 8	2	5	-	5	PRES.	INHIBIT DELAY DURING PHASE 2 GREEN
L-7	6 X 8	2	3	-	3	PRESENCE	INHIBIT DELAY DURING PHASE 2 GREEN
L-8	6 X 8	2	3	-	3	PRESENCE	INHIBIT DELAY DURING PHASE 2 GREEN



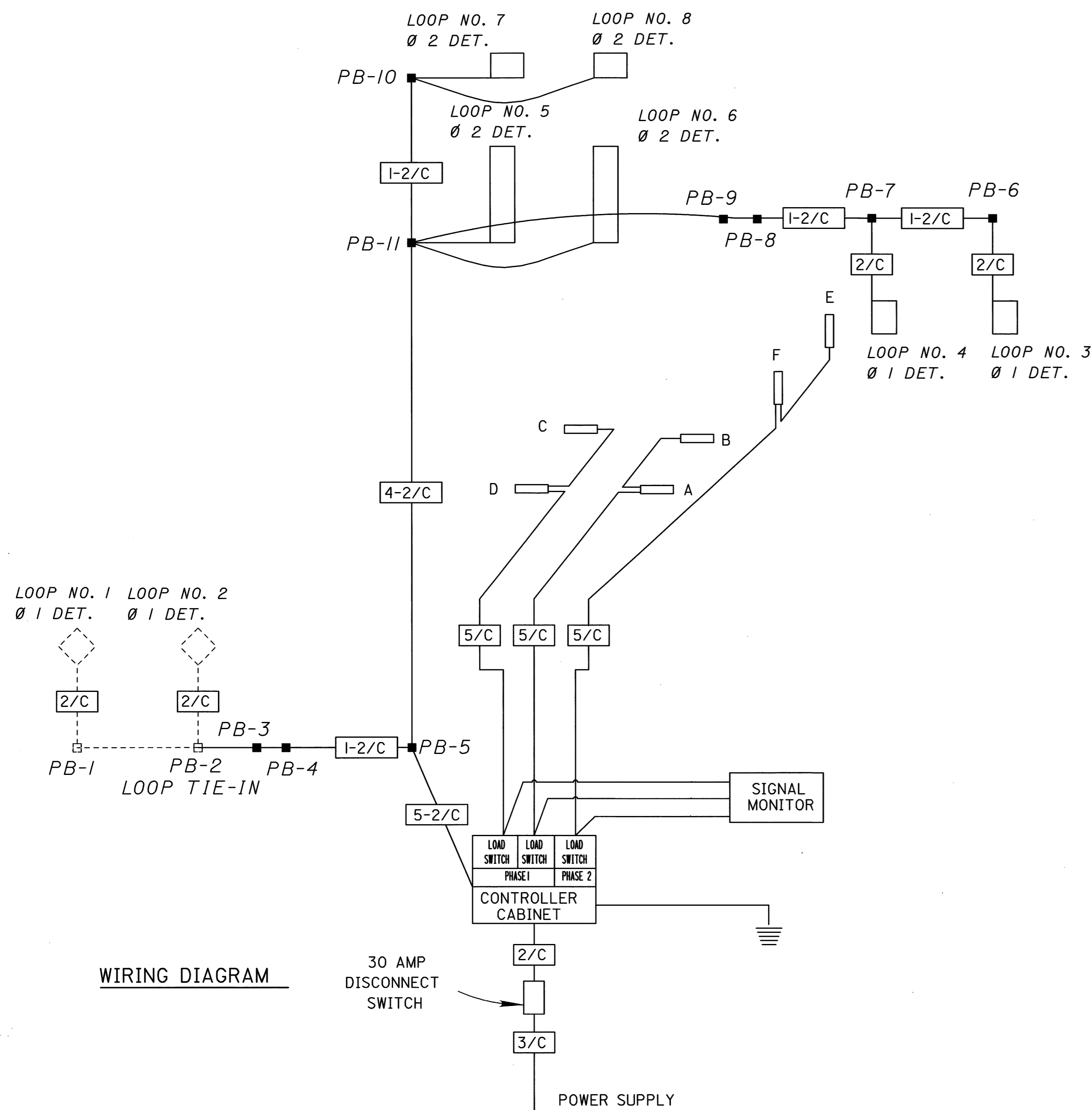
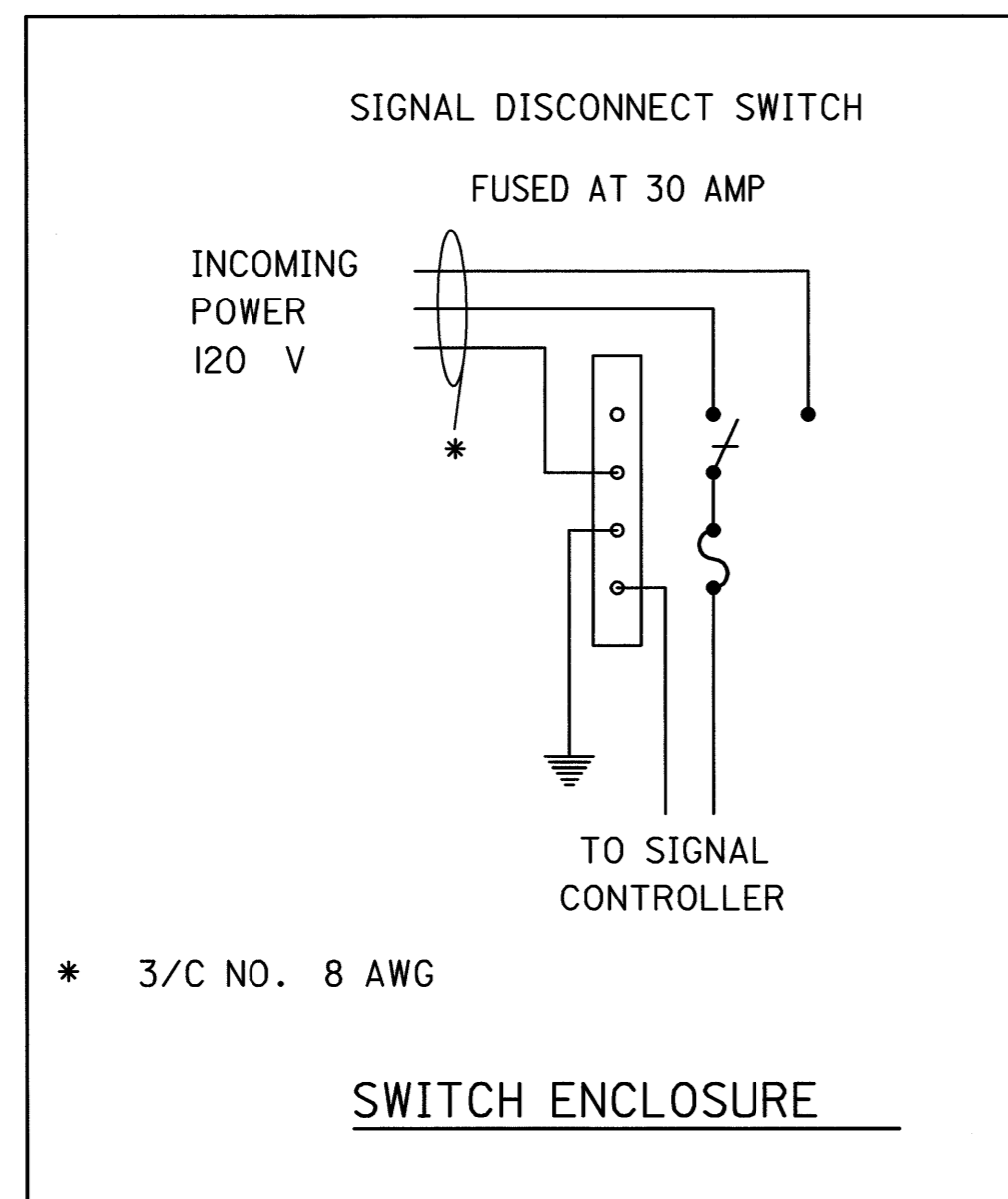
MATCH LINE B-B  
STA. 792+00 - S.R. 3  
SEE SHEET 25



CALCULATED  
JPC  
CHECKED  
JLB

SIGNAL PLAN SHEET - S.R. 3 AND FENN RD.

MED-3-14.95



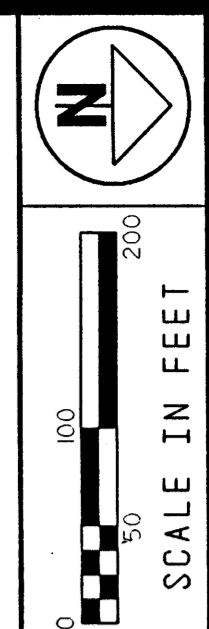
ITEM	TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED	CHECKED
			SIGNALS		JJC	JB
202	3	EACH	PULL BOX REMOVED, AS PER PLAN	20		
603	260	LIN FT	4" CONDUIT, TYPE E	20		
625	605	LIN FT	CONDUIT, 1", 713.04			
625	105	LIN FT	CONDUIT, 1", 713.04, AS PER PLAN	20		
625	222	LIN FT	CONDUIT, 2", 713.04			
625	31	LIN FT	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, SIZE: 2"			
625	932	LIN FT	TRENCH			
625	7	EACH	PULL BOX, 713.08, 18"			
625	2	EACH	PULL BOX, 713.08, 24"			
625	2	EACH	GROUND ROD			
632	4	EACH	VEHICULAR SIGNAL HEAD, 3 SECTION, 12" LENS, 1-WAY			
632	1	EACH	VEHICULAR SIGNAL HEAD, 3 SECTION, 12" LENS, 2-WAY			
632	5	EACH	COVERING OF VEHICULAR SIGNAL HEAD			
632	5	EACH	LOOP DETECTOR UNIT, AS PER PLAN	20		
632	5	EACH	LOOP DETECTOR UNIT, DELAY AND EXTENSION TYPE, AS PER PLAN	20		
632	366	LIN FT	LOOP DETECTOR PAVEMENT CUTTING			
632	143	LIN FT	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES			
632	364	LIN FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG			
632	1244	LIN FT	LOOP DETECTOR WIRE, TYPE E			
632	1411	LIN FT	LOOP DETECTOR LEAD-IN CABLE			
632	1	EACH	LOOP DETECTOR TIE-IN, AS PER PLAN	20		
632	85	LIN FT	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG			
632	1	EACH	POWER SERVICE, AS PER PLAN	20		
632	2	EACH	CABLE SUPPORT ASSEMBLY			
632	4.78	CU YD	CONCRETE FOR ANCHOR BASE FOUNDATION			
632	1	EACH	STRAIN POLE, TYPE TC-81.10, DESIGN 6			
632	1	EACH	STRAIN POLE, TYPE TC-81.10, DESIGN 6, 32', AS PER PLAN			
632	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	20		
632	1	EACH	REUSE OF TRAFFIC CONTROL ITEM: CONTROLLER	20		
633	1	EACH	CABINET WITHOUT CONTROLLER			
633	0.99	CU YD	CONCRETE FOR CABINET FOUNDATION			
633	8.3	SQ FT	CONTROLLER WORK PAD			
			TOTALS CARRIED TO TRAFFIC CONTROL GENERAL SUMMARY	21		

SIGNAL SUBSUMMARY / DETAIL SHEET - S.R. 3 AND FENN RD.

MED-3-14.95

LOCATION OF MONUMENTS			
CL SURVEY STA.	REMARKS	LOCATION	MONUMENT ASSEMBLIES AS PER PLAN
5+00.00	FENN Rd.	CL	I
789+13.35	S.R. 3	CL	I

**CENTERLINE SURVEY PLAT**  
**MED-3-14.95**  
**MEDINA COUNTY**  
**MEDINA TOWNSHIP**  
**LOTS 34 & 39**  
**T. 3-N., R. 14-W.**



FEDERAL PROJECT NO. NONE

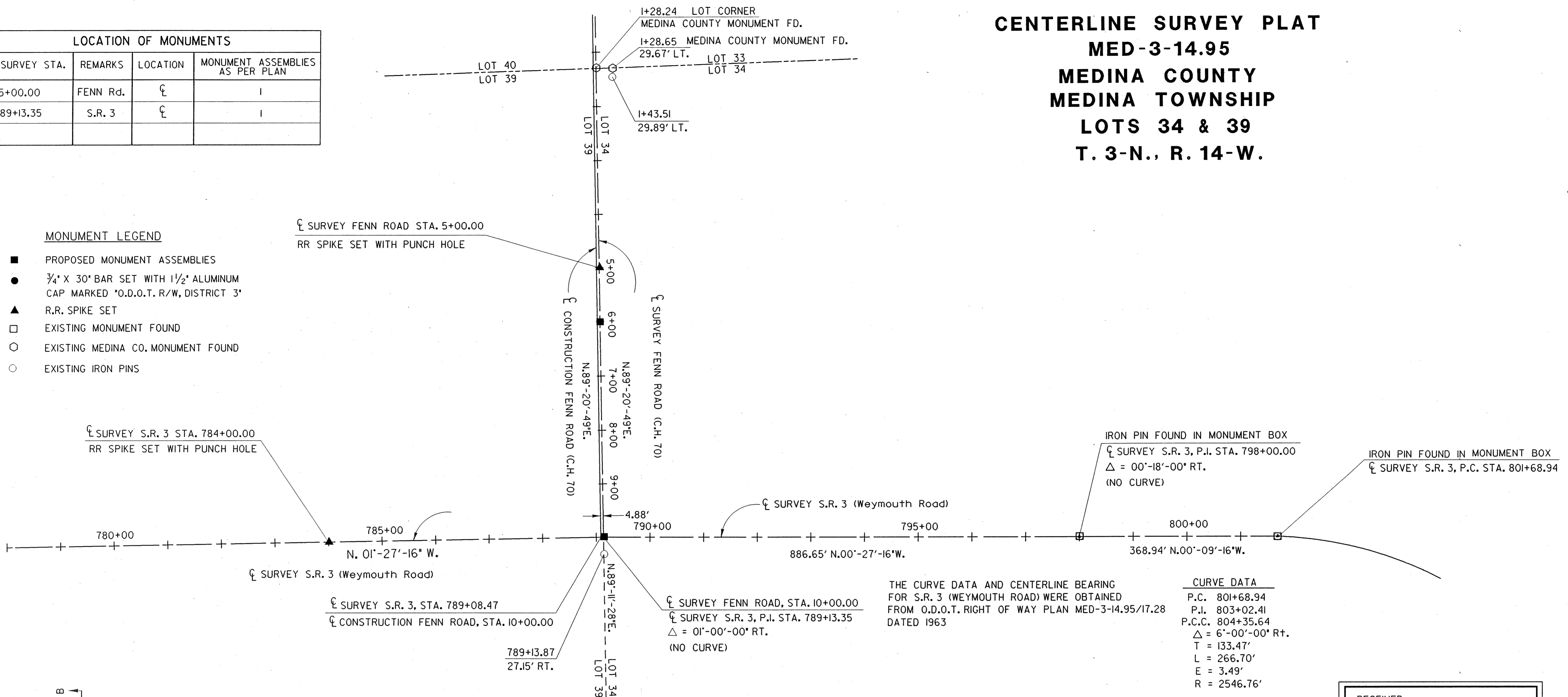
STATE JOB NO. 633031

**CENTERLINE SURVEY PLAT**

**MED-3-14.95**

**MONUMENT LEGEND**

- PROPOSED MONUMENT ASSEMBLIES
- 3/4" X 30" BAR SET WITH 1/2" ALUMINUM CAP MARKED "O.D.O.T. R/W, DISTRICT 3"
- ▲ R.R. SPIKE SET
- EXISTING MONUMENT FOUND
- EXISTING MEDINA CO. MONUMENT FOUND
- EXISTING IRON PINS



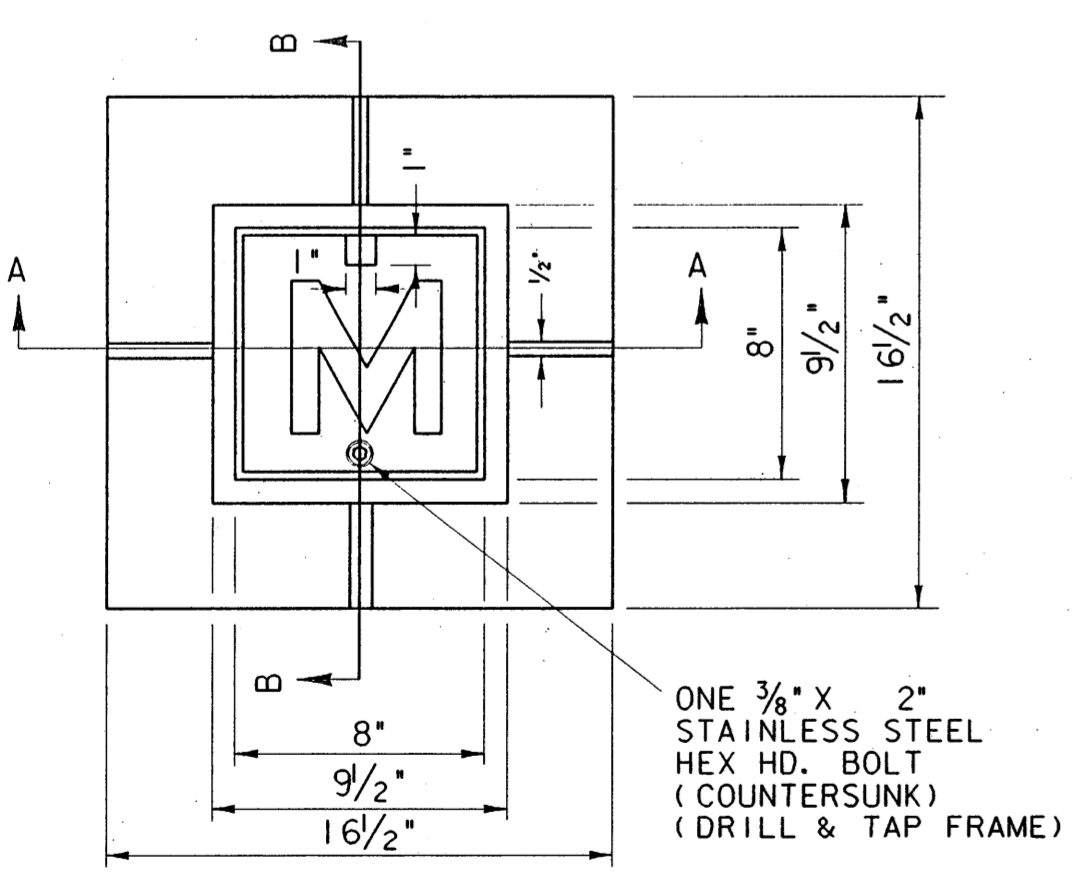
THE CURVE DATA AND CENTERLINE BEARING FOR S.R. 3 (WEYMOUTH ROAD) WERE OBTAINED FROM O.D.O.T. RIGHT OF WAY PLAN MED-3-14.95/17.28 DATED 1963

CURVE DATA	
P.C.	801+68.94
P.I.	803+02.41
P.C.C.	804+35.64
Δ	6°-00'-00" Rt.
T	133.47'
L	266.70'
E	3.49'
R	2546.76'

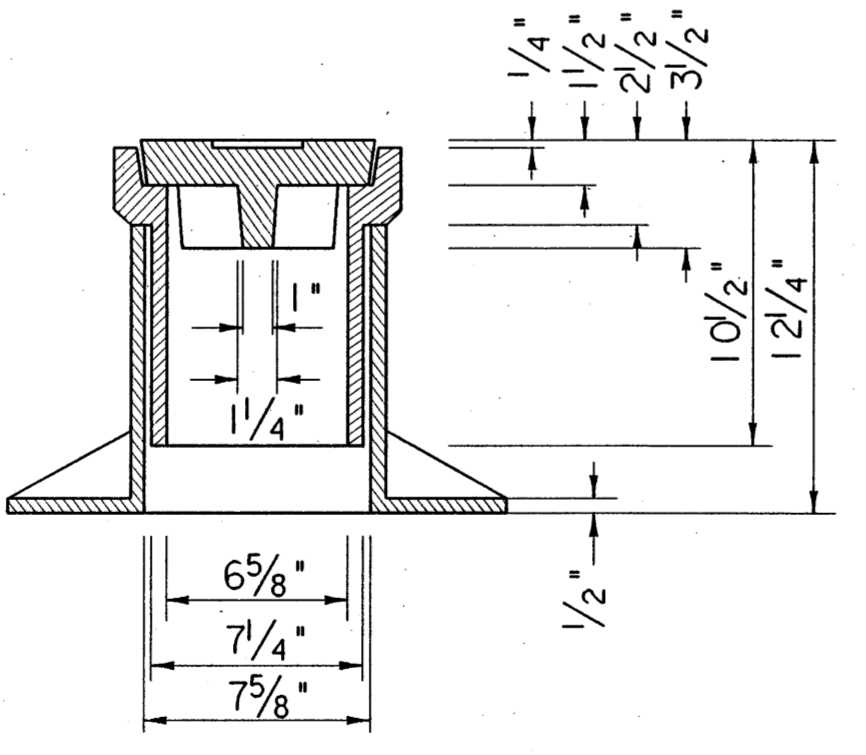
**BASIS FOR BEARINGS:**

ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY. THESE BEARINGS ARE TO AN ASSUMED MERIDIAN AND ARE USED TO DELINEATE ANGLES ONLY.

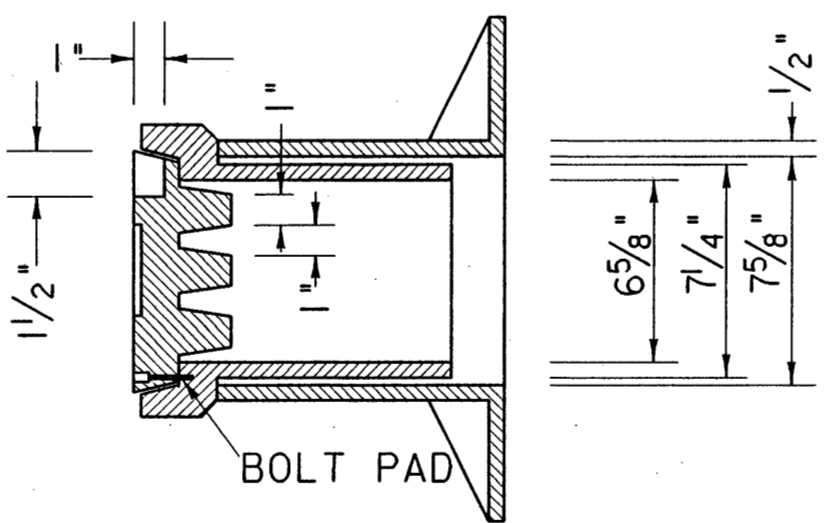
RECEIVED _____
RECORDED _____
BOOK _____ PAGE _____
_____ COUNTY RECORDER



**TOP VIEW**



**SECTION A-A**



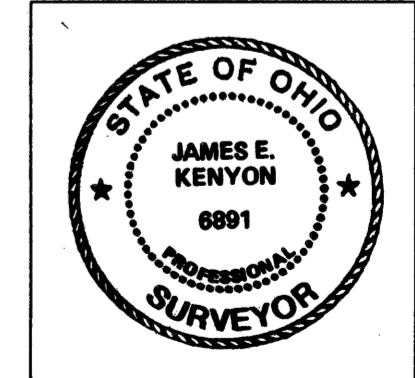
**SECTION B-B**

	WEIGHTS	MATERIAL
FRAME	66 LBS.	1. GRAY IRON, ASTM A98 CLASS 30
SLEEVE	37 LBS.	2. PAINT: ONE COAT BLACK ASPHALT
LID	31 LBS.	
TOTAL	134 LBS.	

See MC-1 for details not shown. Monument Assemblies are shown on Standard Construction Drawing MC-1 (Rev. 6-13-69) of the Department of Transportation. The placing of the Monuments shall be under the direction of a Registered Surveyor and are to be set as shown by the Highway Contractor at the time of Construction. Any alterations, with prior approval of the Ohio Department of Transportation shall be noted and O.D.O.T. shall be notified of the new locations.

HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 1993 BY O.D.O.T. DISTRICT THREE, SURVEY

*James E. Kenyon*  
 JAMES E. KENYON, P.S. No. 6891  
 3-9-95 DATE



DESIGN FILE: c:\dgm\m0031495\censtur.dgn DATE: 8-MAR-1995 WORKSTATION: sshepher



**UNDERGROUND UTILITIES:**

The locations of underground utilities shown on the plans are as obtained from the owners of the utility as required by Section 153.64 of the Ohio Revised Code

**UNDERGROUND OWNERSHIP:**

The following utilities and owners are located within the work limits of this project.

AT&T COMMUNICATIONS  
15821 C.R. 15  
BLUFFTON, OHIO 45817  
(419) 859-2196

COLUMBIA GAS OF OHIO, INC.  
827 WALNUT STREET  
ELYRIA, OHIO 44035  
(216) 323-5551

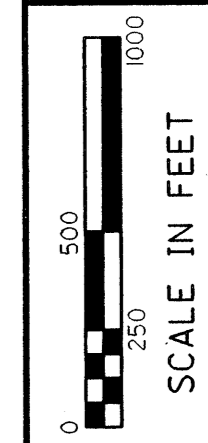
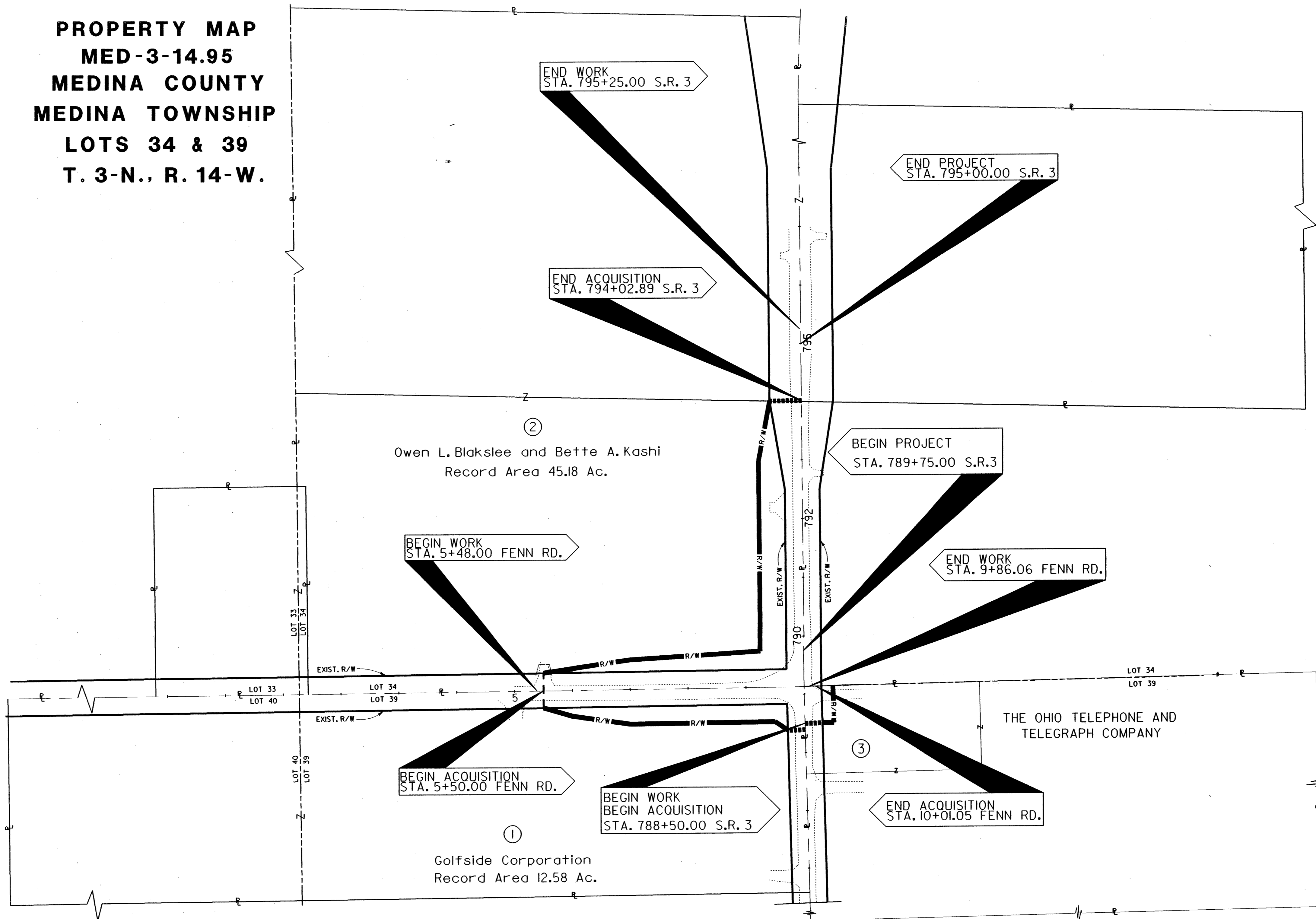
GTE TELEPHONE OPERATIONS-NORTH AREA  
6223 NORWALK ROAD  
MEDINA, OHIO 44256  
(216) 722-9580

MEDINA COUNTY SANITARY ENGINEER  
791 WEST SMITH ROAD  
P.O. BOX 825  
MEDINA, OHIO 44156  
(216) 723-3641

OHIO EDISON CO.  
76 S. MAIN STREET  
AKRON, OHIO 44308  
1-800-321-0468

VIKING RESOURCES  
P.O. BOX 160  
DEERFIELD, OHIO 44411  
(216) 654-4343

**PROPERTY MAP  
MED-3-14.95  
MEDINA COUNTY  
MEDINA TOWNSHIP  
LOTS 34 & 39  
T. 3-N., R. 14-W.**



FEDERAL PROJECT NO.  
NONE

STATE JOB NO.  
633031

**PROPERTY MAP**

**MED-3-14.95**

**SUMMARY OF ADDITIONAL RIGHT OF WAY**

P.I.D. NO. 11787  
R/W JOB NO. 633031

3 OWNERSHIPS  
0 TOTAL TAKES  
0 OWNERSHIPS W/ STRUCTURES INVOLVED  
0 OWNERSHIPS W/ "P" ITEMS

PARCEL NO.	OWNER	SHEET NO.	OWNER'S RECORD		AUDITOR'S PARCEL	RECORD AREA (AC.)	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS & PERSONALTY	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
1	Golfside Corporation	3 & 4	0.R.829	395	026-06D-02-050	12.58	1,158	0.591	0.341	0.250	NO		11.72	STATE			
2	Owen L. Blakslee and Bette A. Kashi Viola C. Blakslee L.E.	3 & 4	0.R. 334	506	026-06B-34-007	45.18	3,776	1,246	0.670	0.576	NO	40.828		STATE			
3	THE OHIO TELEPHONE AND TELEGRAPH COMPANY	3 & 4	320	280	026-06B-34-005	37.36	0.816	0.072	0.044	0.028	NO		36.516	STATE			

REV	DATE
PLAN COMPLETED: 6/27/95	

2-4

29  
31

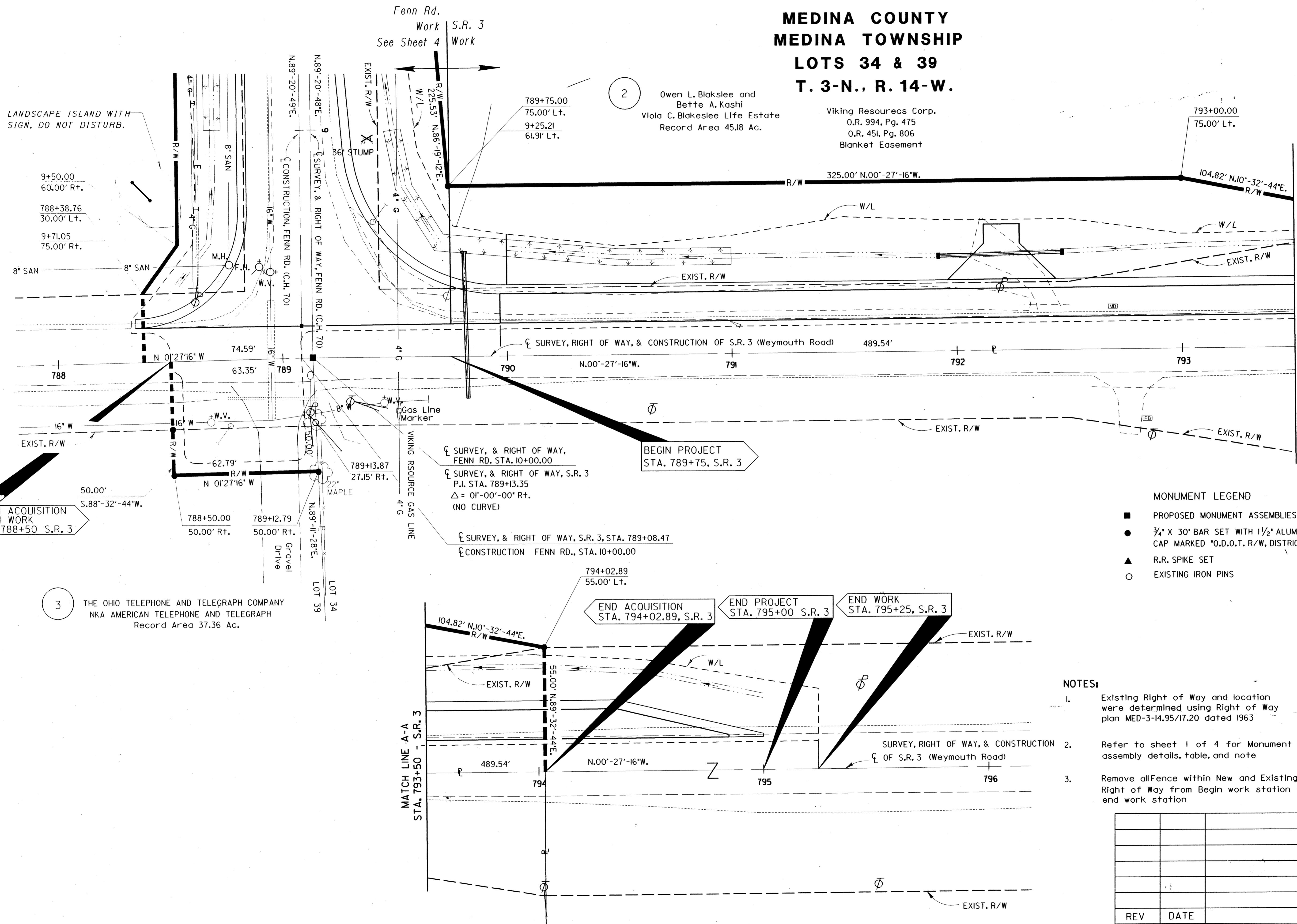
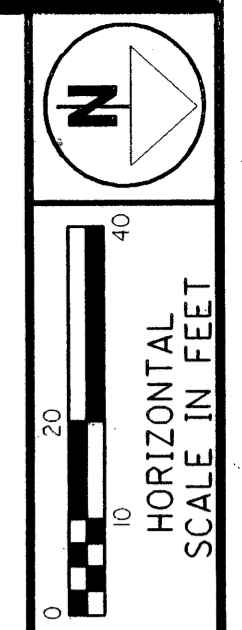
DESIGN FILE: c:\ghn\m\031495.dwg  
WORKSTATION: asheche  
DATE: 6/27/95



**MEDINA COUNTY  
MEDINA TOWNSHIP  
LOTS 34 & 39  
T. 3-N., R. 14-W.**

2 Owen L. Blakslee and  
Bette A. Kashi  
Viola C. Blakeslee Life Estate  
Record Area 45.18 Ac.

Viking Resources Corp.  
O.R. 994, Pg. 475  
O.R. 451, Pg. 806  
Blanket Easement



- MONUMENT LEGEND**
- PROPOSED MONUMENT ASSEMBLIES
  - 3/4" X 30" BAR SET WITH 1/2" ALUMINUM CAP MARKED "O.D.O.T. R/W, DISTRICT 3"
  - ▲ R.R. SPIKE SET
  - EXISTING IRON PINS

- NOTES:**
1. Existing Right of Way and location were determined using Right of Way plan MED-3-14.95/17.20 dated 1963
  2. Refer to sheet 1 of 4 for Monument legend assembly details, table, and note
  3. Remove all fence within New and Existing Right of Way from Begin work station to end work station

REV	DATE
PLAN COMPLETED: 6/27/95	

FEDERAL PROJECT NO. NONE

STATE JOB NO. 633031

**RIGHT OF WAY PLAN  
S.R. 3 STA. 789+75 - STA. 795+25**

**MED-3-14.95**

4/4  
31/31

DESIGN FILE: ... DATE: ...