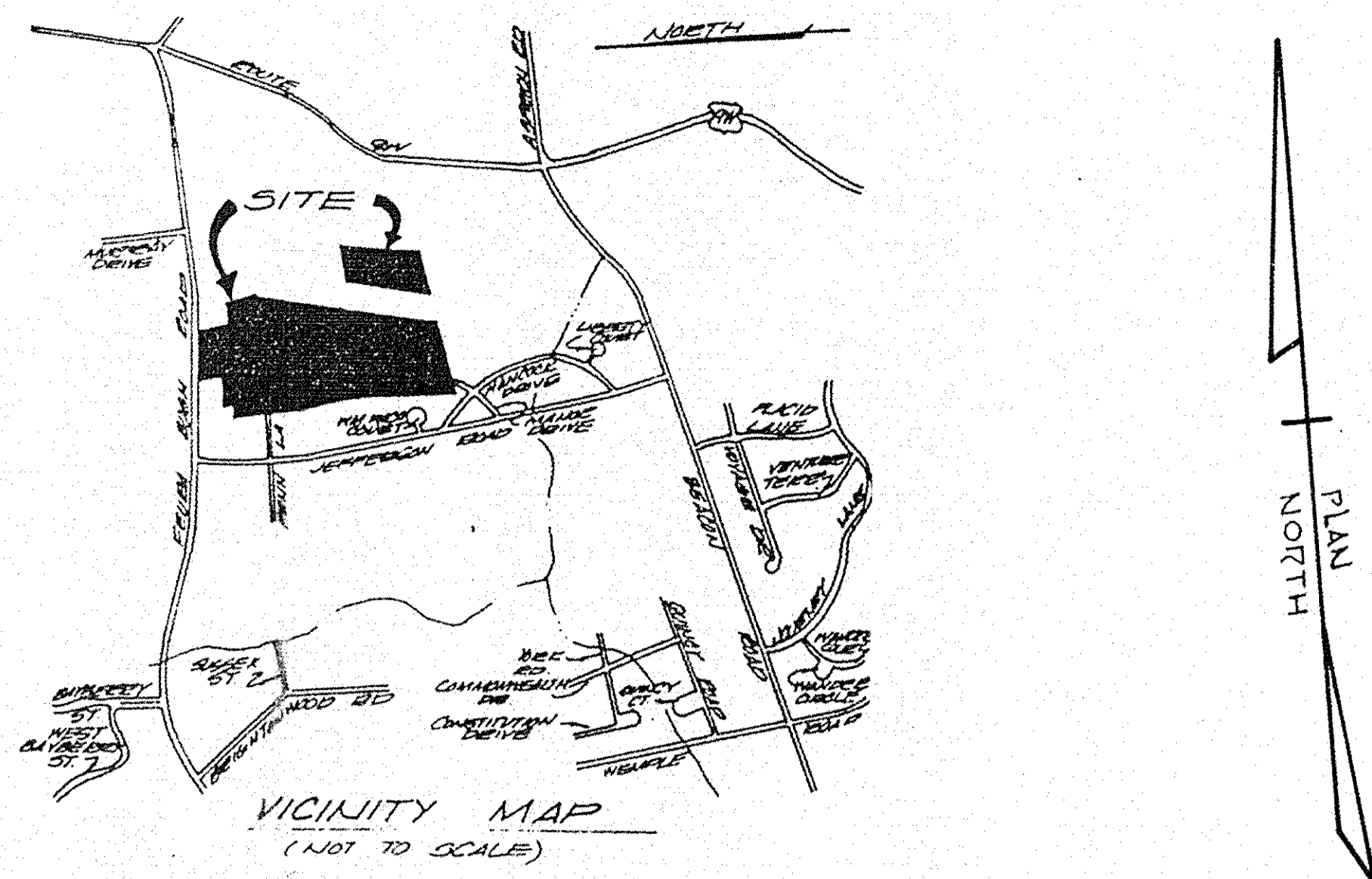
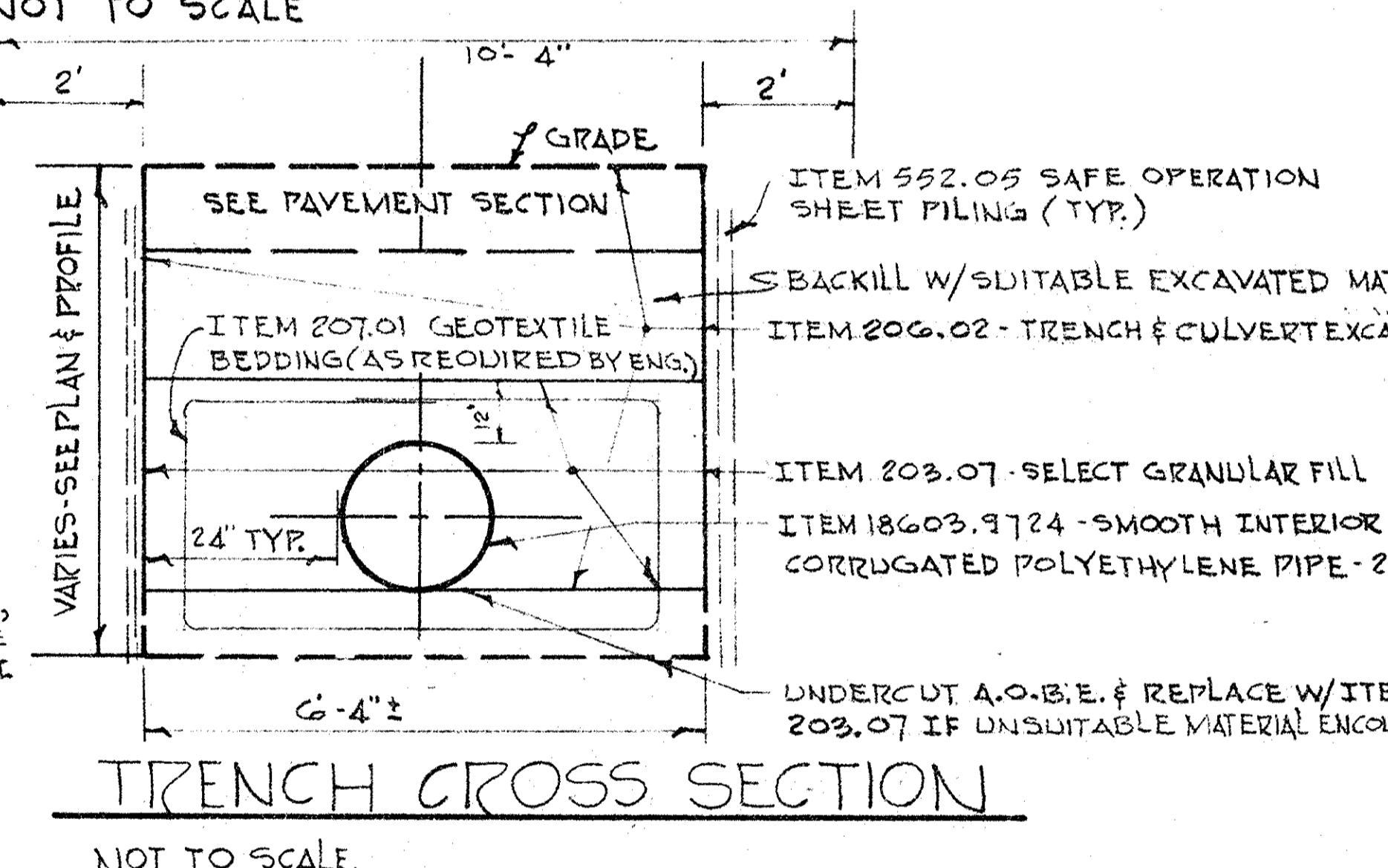
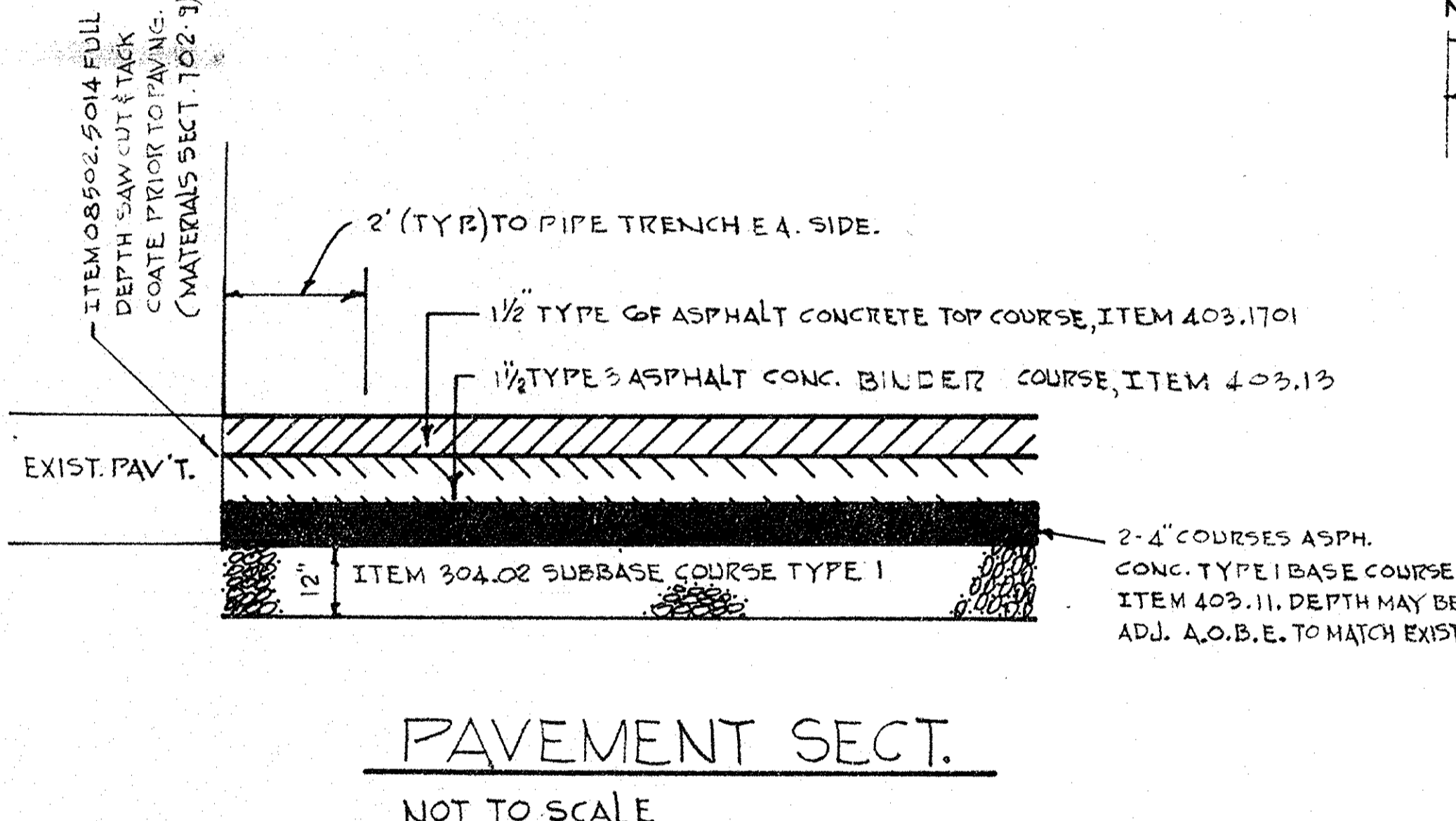
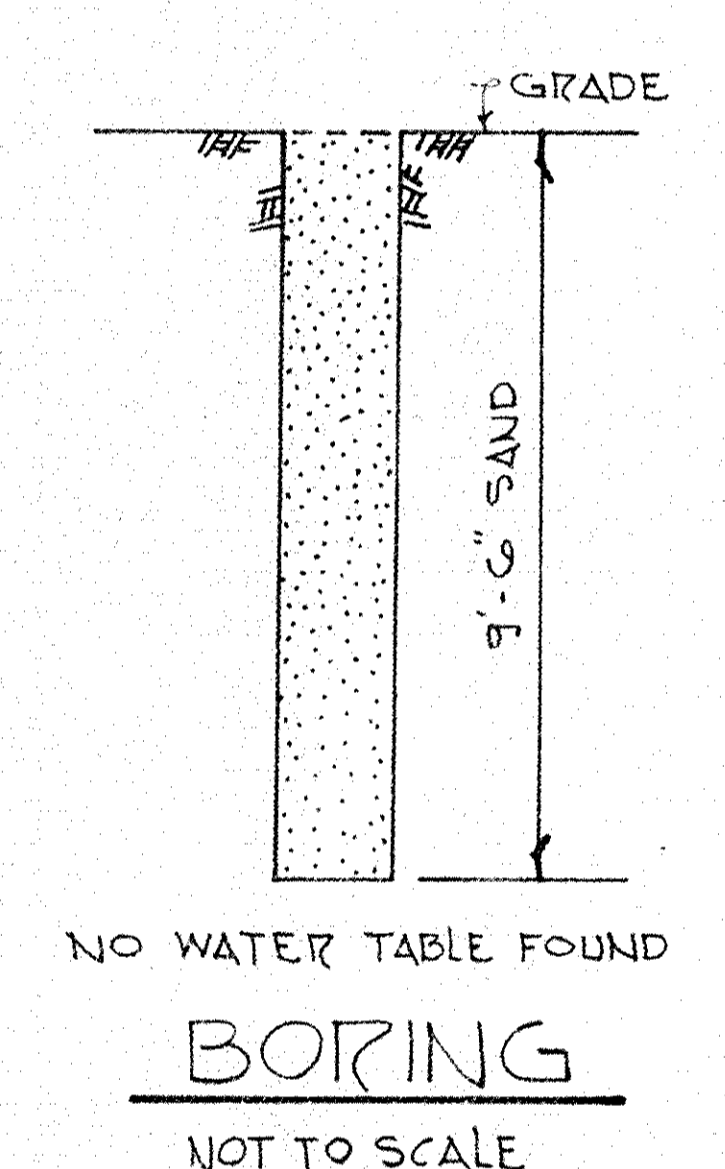
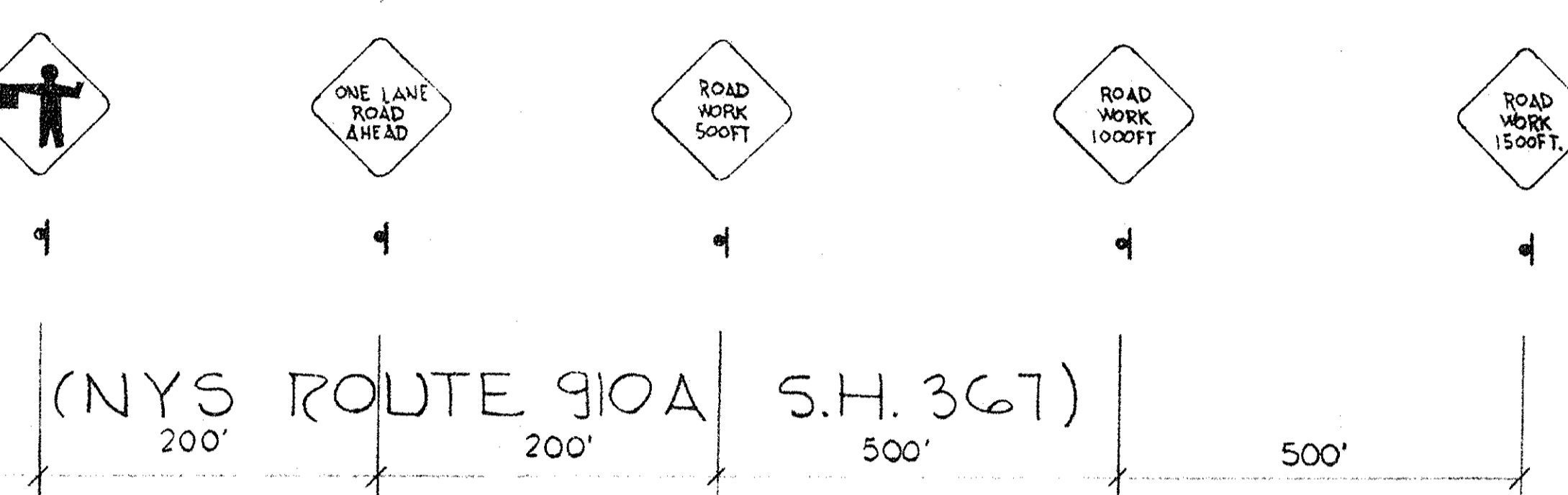
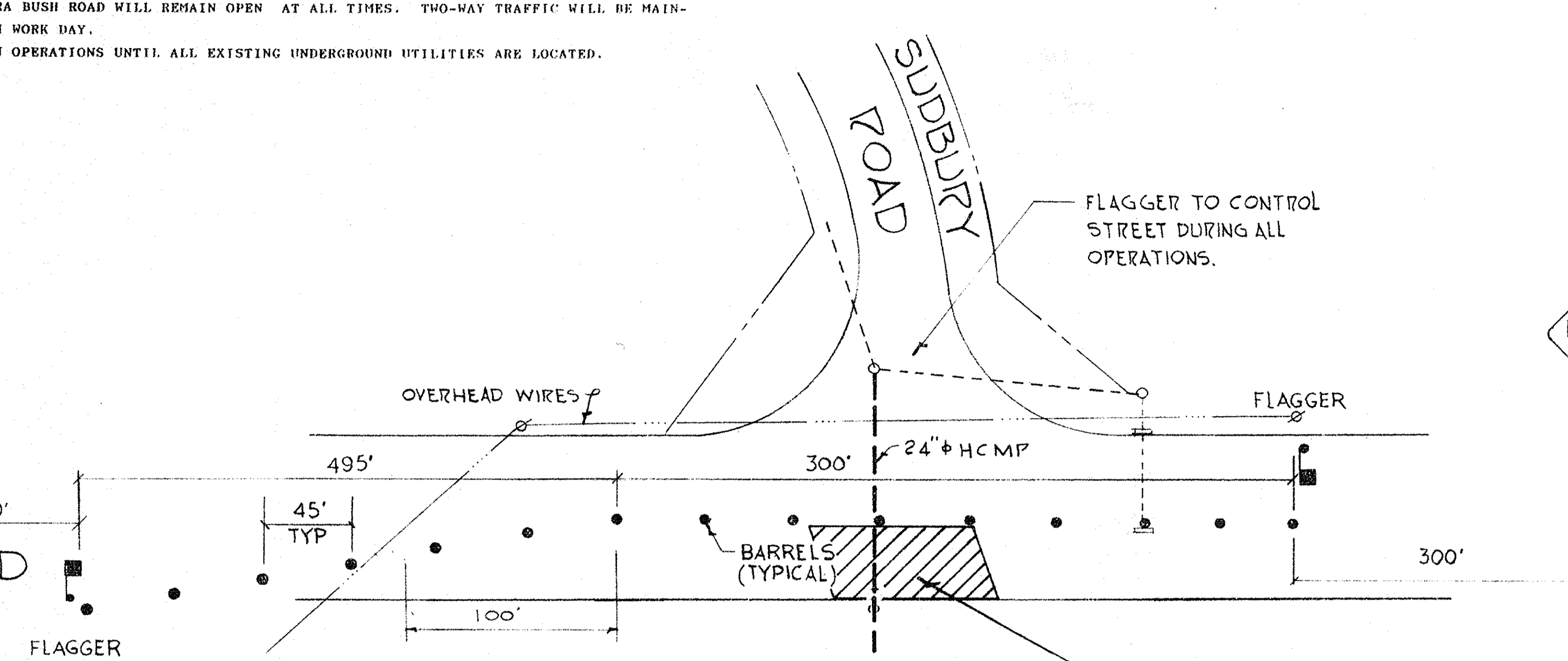
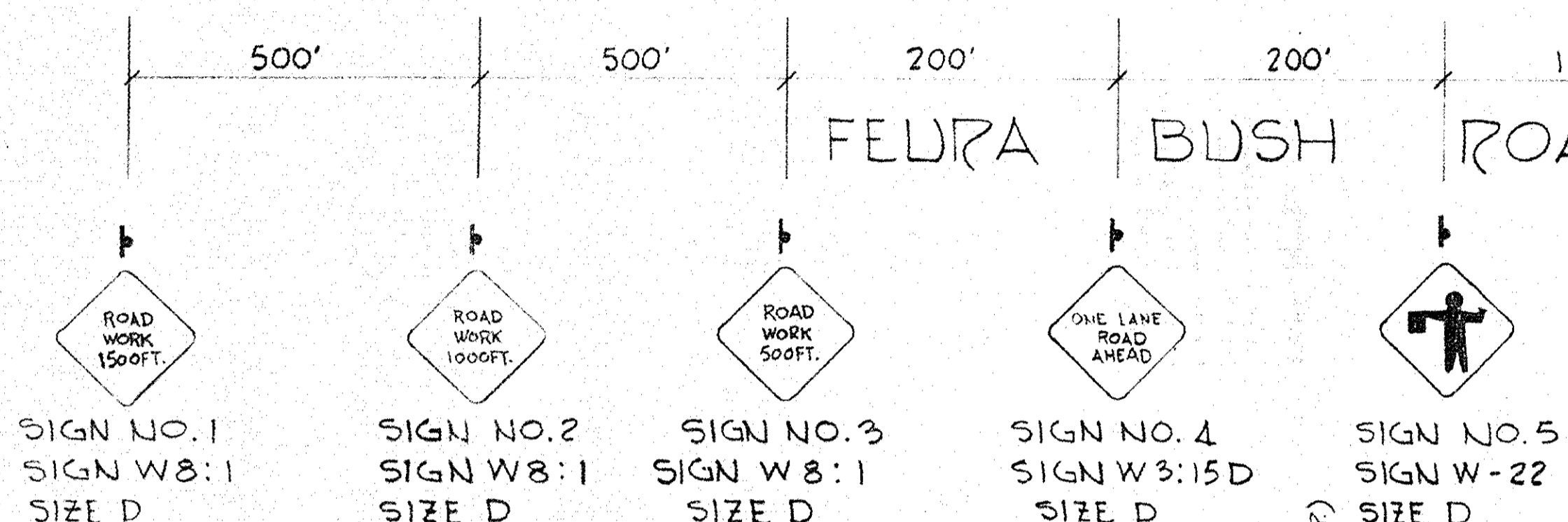


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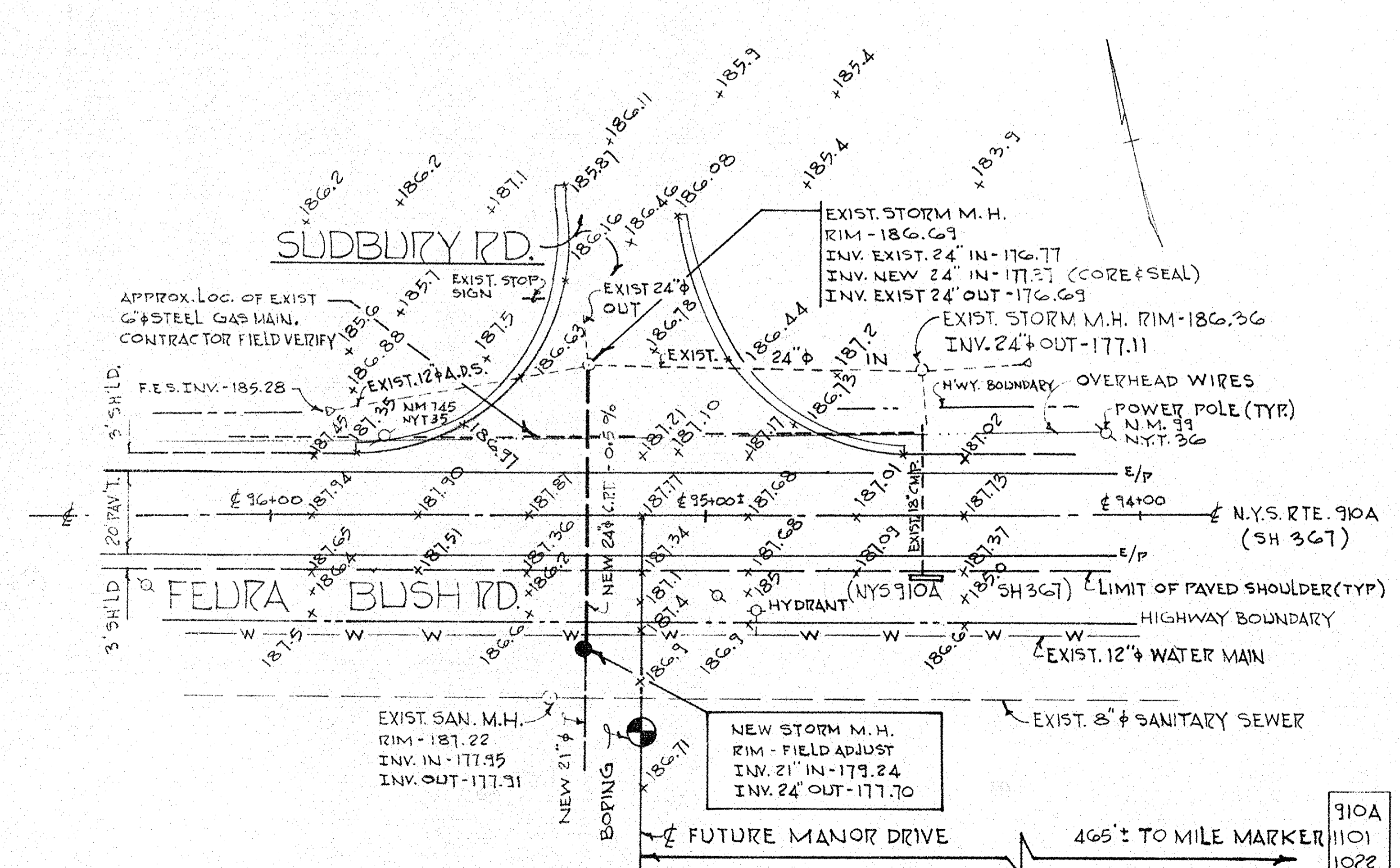
PROJECT LOCATION: This project is located within N.Y.S. D.O.T. Record Plan Contracts SH 367 (Sheet 4) and RC66-29 (Sheet 1). Approximate Record Plan stationing is shown herein.

- SEQUENCE FOR INSTALLATION OF NEW PIPE**
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE FLOW THROUGH THE EXISTING OR NEW PIPE. DURING THE INSTALLATION PROCESS THE PIPE ZONE BEDDING AND COMPACTING WILL BE DONE IN DRY CONDITIONS.
 - THIS OPERATION SHALL BE DONE DURING DAYLIGHT HOURS ONLY WITH ADEQUATE FLAG-PERSONS. EXCAVATIONS SHALL BE BACKFILLED OR STEEL PLATED TO RESTORE THE ROADWAY TO TWO-WAY TRAFFIC OPERATION DURING HOURS OF DARKNESS.
 - REPLACE PAVEMENT MATERIAL WITHIN 48 HOURS OF COMPLETION OF ALL PIPE, GRAVEL, BACKFILL OPERATIONS.
 - PIPE TO BE INSTALLED ACCORDING TO N.Y.S.D.O.T. PUBLISHED STANDARD SHEETS.
 - ONE LANE OF TRAFFIC ON FEURA BUSH ROAD WILL REMAIN OPEN AT ALL TIMES. TWO-WAY TRAFFIC WILL BE MAINTAINED AT THE CLOSE OF EACH WORK DAY.
 - DO NOT BEGIN ANY EXCAVATION OPERATIONS UNTIL ALL EXISTING UNDERGROUND UTILITIES ARE LOCATED.

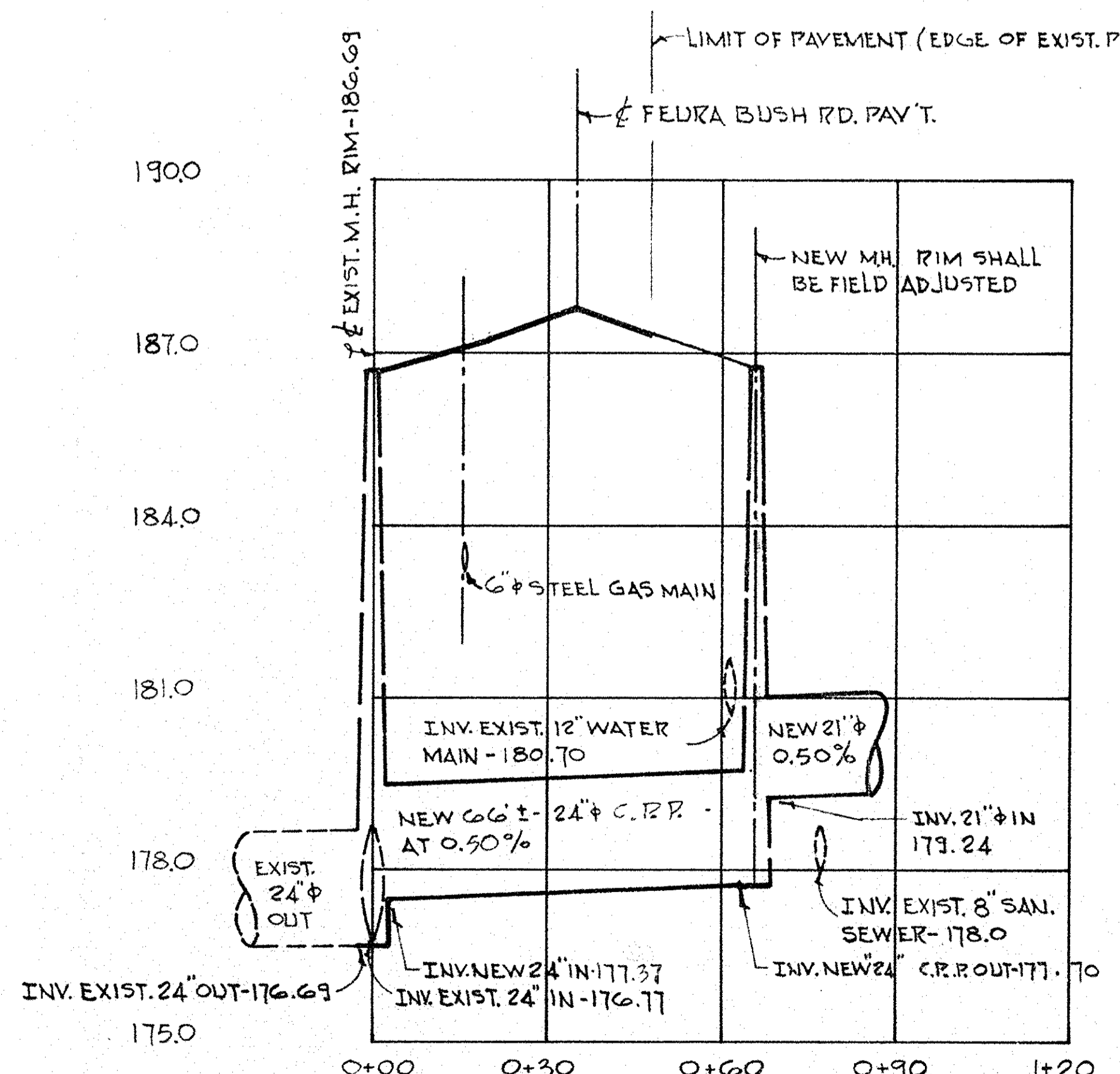


- GENERAL NOTES (TRAFFIC MAINTENANCE PLAN)**
- GENERAL: ALL SIGNS, CONES, BARRELS, BARRICADES AND CONC. BARRIERS SHALL BE FABRICATED AND ERRECTED IN ACCORDANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS OR AS DIRECTED BY THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - SIGN SUPPORT: THE CONTRACTOR SHALL SUPPLY ADEQUATE SUPPORTS SO THAT THE SIGNS ARE IN PROPER POSITION AND ALIGNMENT AS SHOWN IN THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. ALL SUPPORTS SHALL BE PAINTED WITH TWO (2) COATS OF WHITE PAINT.
 - SIGN PANELS: THE SIGN PANELS MAY BE MADE OF ALUMINUM, STEEL OR PLYWOOD. THE BACKS OF ALL WOOD SIGN PANELS SHALL RECEIVE TWO (2) COATS OF WHITE PAINT.
 - SIGN FACE: COLOR - THE COLOR OF THE BACKGROUND AND THE LEGEND OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE MARGIN SHALL BE OF THE SAME COLOR AS SPECIFIED FOR THE BACKGROUND. THE BORDER SHALL BE OF THE SAME COLOR AS THE LEGEND. SHAPE - THE SHAPE OF ALL SIGNS SHALL BE AS SHOWN ON THIS SHEET. CORNERS OF SIGNS SHALL BE ROUNDED CORNERS. REFLECTORIZATION - ALL SIGNS SHALL BE REFLECTORIZED USING HIGH INTENSITY REFLECTORIZED TAPE OR PAINT. ALL SIGNS SHALL BE REVIEWED AT NIGHT AFTER ERECTION. ANY SIGNS NOT MEETING PROPER REFLECTION REQUIREMENTS WILL BE REPLACED. LETTERING AND BORDERS - SIGN LETTERING, BORDERS AND MARGINS SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - SIGN LOCATION: ALL SIGNS SHALL BE LOCATED AS SHOWN ON THE CONTRACT PLANS OR AS SPECIFIED BY THE ENGINEER. SIGNS SHALL BE GENERALLY LOCATED ON THE RIGHT SIDE OF THE HIGHWAY FACING APPROACHING TRAFFIC. THE NEAR EDGE OF THE SIGN SHALL BE BETWEEN 6 AND 12 FEET FROM NEAREST EDGE OF THE TRAVELED ROADWAY OR BETWEEN 2 AND 12 FEET FROM THE FACE OF THE VERTICAL CURB. SIGNS SHOULD GENERALLY BE PLACED AT RIGHT ANGLES TO TRAFFIC. ROADSIDE SIGNS SHOULD BE MOUNTED SO THAT THE BOTTOM OF THE SIGN IS APPROXIMATELY 5 FEET ABOVE THE EDGE OF PAVEMENT. SIGNS MOUNTED ON BARRICADES OR TEMPORARY SIGNS IN THE ROADWAY MAY BE AT LOWER HEIGHTS. ALL SIGNS SHALL BE LOCATED SO AS TO BE PLAINLY VISIBLE TO TRAFFIC.
 - MAINTENANCE: THE CONTRACTOR SHALL KEEP SIGNS CLEANED AND CLEARED AT ALL TIMES. ALL SIGNS SHALL BE THE PROPERTY OF THE CONTRACTOR AND SHALL BE MAINTAINED IN GOOD CONDITION FOR THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE REMOVED FROM THE WORK SITE WHEN THE CONTRACT WORK IS

- GENERAL NOTES**
- ALL MATERIAL, LABOR AND EQUIPMENT USED WITHIN THE STATE'S RIGHT-OF-WAY SHALL CONFORM TO THE NEW YORK STATE DEPT. OF TRANSPORTATION STANDARD SPECIFICATIONS DATED JANUARY 2, 1990 AND ADDENDA.
 - THE CONTRACTOR SHALL NOT WORK WITHIN THE STATE'S RIGHT-OF-WAY WITHOUT THE DEPARTMENT OF TRANSPORTATION'S ACCEPTANCE OF A TRAFFIC MAINTENANCE PLAN. FOR WORK SHOWN IN DETAIL ON SHEET SEE MAINTENANCE OF TRAFFIC PLAN. FOR CULVERT AND MANHOLE WORK THE CONTRACTOR SHALL FOLLOW THE JULY 1, 1983 NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - ALL STORM DRAINAGE PIPE SHALL BE SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE.
 - IF LASER EQUIPMENT IS USED DURING PIPE LINE CONSTRUCTION, FRESH AIR MUST BE INTRODUCED INTO THE PIPE BY A MECHANICAL MEANS FOR LINES OVER 100' IN LENGTH.
 - EXTREME CARE SHALL BE TAKEN IN HANDLING OF PIPE AND APPURTENANCES. UNDER NO CIRCUMSTANCES SHALL SUCH MATERIAL BE DROPPED, ROLLED, OR SKIDDED AGAINST ANOTHER PIPE. ALL SLINGS, HOOKS OR PIPE TONGS SHALL BE PADDED AND USED IN SUCH A MANNER TO PREVENT DAMAGE TO THE EXTERIOR OF THE PIPE. HANDLING PIPE FROM THE INTERIOR IS PROHIBITED.
 - ALL PIPE BEDDING, HAUNCHING AND INITIAL BACKFILL SHALL CONSIST OF SELECTED R.O.B., SCREENED OR CRUSHED GRAVEL NOT EXCEEDING 4" IN DIA.. ALL MATERIALS TO BE COMPACTED TO A MINIMUM OF 95% PROCTOR MAXIMUM DENSITY AND SHALL HAVE A MOISTURE CONTENT SUITABLE FOR THE COMPACTOR SELECTED FOR PROPER COMPACTION. IMPACT BANNER, PLATE OR SMALL DRUM VIBRATORS MAY BE USED WITH LAYER THICKNESS NOT EXCEEDING THE CAPABILITY OF THE COMPACTION EQUIPMENT BEING USED. ENGINEERS APPROVAL OR REJECTION OF THE ABOVE DESCRIBED MECHANICAL DEVICES BASED UPON RESULTS OF APPROPRIATE ON-SITE FIELD TEST OR EXPERIENCE SHALL BE FINAL. SEE TRENCH AND CULVERT SECTION FOR DETAILS.
 - WHERE STORM DRAINAGE PIPES ARE INSTALLED UNDER PAVEMENT AREAS, THE TRENCH SHALL BE BACKFILLED IN ACCORDANCE WITH THE TYPICAL TRENCH SECTION AND THE INDICATED N.Y.S.D.O.T. ITEM SPECIFICATIONS.
 - THE WORK WILL BE DONE IN THE SOUTH SIDE FIRST. NO WORK WILL BE DONE IN THE NORTH SIDE UNTIL ALL BUT THE FINAL PAVING IS COMPLETE IN THE SOUTH SIDE. REVERSE THE CONFIGURATION TO CLOSE THE NORTH SIDE.
 - ALL WORK WITHIN THE ROUTE 910A ROAD SECT. - TRENCH EXCAV., PIPE INSTALLATION, BACKFILL & PAVING SHALL BE PERFORMED IN ONE TO THREE WORKING DAYS. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL BACKFILL THE WORK AREA WITH COMPACTED GRAVEL UP TO THE TOP OF THE ROADWAY PAVEMENT SURFACE.
 - IF THE WORK AREA IS TO BE LEFT OVER THE WEEKEND OR A HOLIDAY, THE AREA WILL BE PAVED TEMPORARILY WITH ASPHALT TO THE DEPTH OF THE EXISTING PAVEMENT.
- NOTES**
- Should anything be omitted from the plans which is necessary for a complete understanding of the work, or should any error appear in the various instruments furnished or in the work by other Contractors affecting the work covered hereby, the Contractor shall and will promptly notify the Engineer, and in the event of the Contractors failure so to do, he shall and will make good any damage or defect in his work caused thereby.
 - All work shall be done in strict compliance with all applicable national, state and local codes, standards ordinances, rules and regulations.
 - All grades set in the field to be completed by a New York State Licensed Land Surveyor.
 - Contractor shall and will verify the location of all underground utilities prior to the start of construction. Any underground utilities shown in their relative positions are for information only. Their exact location shall be checked at the site before construction begins.
 - Contractor shall maintain all above ground and underground utilities unless otherwise noted on the drawings or as directed. In the event it is necessary to remove or relocate an existing utility service, the Contractor shall coordinate all work with the utility having jurisdiction.
 - Miscellaneous work not specifically shown on the Contract Drawings such as patching, blocking, trimming, etc., shall be performed as required to make the work complete.
 - All disturbed areas to receive topsoil and seed, except as otherwise noted.
 - The Contractor shall:
 - Verify all conditions in the field prior to commencement of work and notify the Architect/Engineer of any discrepancies.
 - Examine the site and include in his work the effect of all existing conditions of the work.
 - Provide and install all materials and perform all work in accordance with recognized good standard practice.
 - Hold the Owner harmless against any and all claims arising from work done by the Contractor on the site.
 - Contractor shall notify the Underground Facilities Protective Organization and Municipal Agencies having jurisdiction seventy-two (72) hours prior to any excavating and/or construction (1-800-962-7962) to verify location of all underground utilities.
 - Construction of all proposed utilities must begin at its point of connection to the existing utility or at the lowest point in the system. Rims, grades, inverts, clearances and location at crossings must be verified prior to the beginning of construction.
 - All disturbed lawn areas shall be covered with topsoil to a minimum depth of 4". After compaction the areas shall be seeded, fertilized and hay mulched. These areas are to be maintained by the Contractor until such time as a healthy stand of grass appears.
 - Posts, signs, pedestrian crossing signs, etc. shall be protected or removed, stored and replaced and/or relocated as directed. Damaged items shall be replaced at the Contractor's expense.
 - Water valve boxes, existing structure rims, new structure rims, etc., shall be adjusted to conform to new finished grades.
 - Contractor shall maintain all existing conduit flow.
 - New sewer system shall be flushed clean with water and structures cleaned.
 - Contractor shall maintain traffic flow in accordance with all governing Agencies.
 - Contractor shall restore lawns, walks, walls, curbs, fences, guard rail, etc. to a condition at least as good as they were before being disturbed.
 - When backfilling around proposed or existing structures, material shall be placed in maximum six (6) inch lifts and compacted by means of a mechanical compactor between lifts.
 - H.H. denotes manhole.



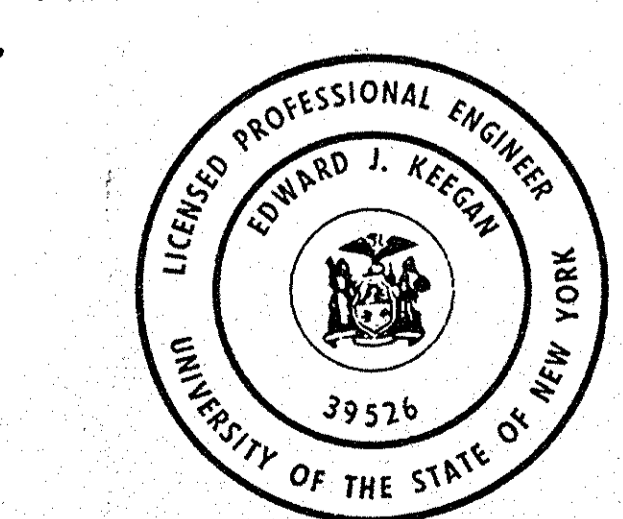
INTERSECTION PLAN
SCALE 1" = 30'



PROFILE ALONG NEW PIPE
SCALES: 1" = 30' HORIZ.
1" = 3' VERTICAL

INFORMATION SHOWN IS INTENDED FOR WORK WITHIN THE STATE R.O.W.

- LEGEND**
- AOBE - DENOTES AS ORDERED BY ENGINEER.
 - C.P.P. - DENOTES SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE.
 - INV. - DENOTES PIPE INVERT.
 - TYP. - DENOTES TYPICAL.



ALBANY COUNTY
SCALE AS SHOWN

MAP OF
PROPOSED DRAINAGE CROSSING
FEURA BUSH ROAD
OPPOSITE SUDBURY ROAD
TOWN OF BETHLEHEM

PREPARED BY
EDWARD J. KEEGAN ASSOCIATES, P.C.
PROFESSIONAL ENGINEERS & PLANNERS
600 BROADWAY
ALBANY, NY 12207

NEW YORK
SEPTEMBER 2, 1993
REV./D.O.T. 10-15-93

INCHES
TOWN OF BETHLEHEM

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.