

AS BUILT 5/7/97

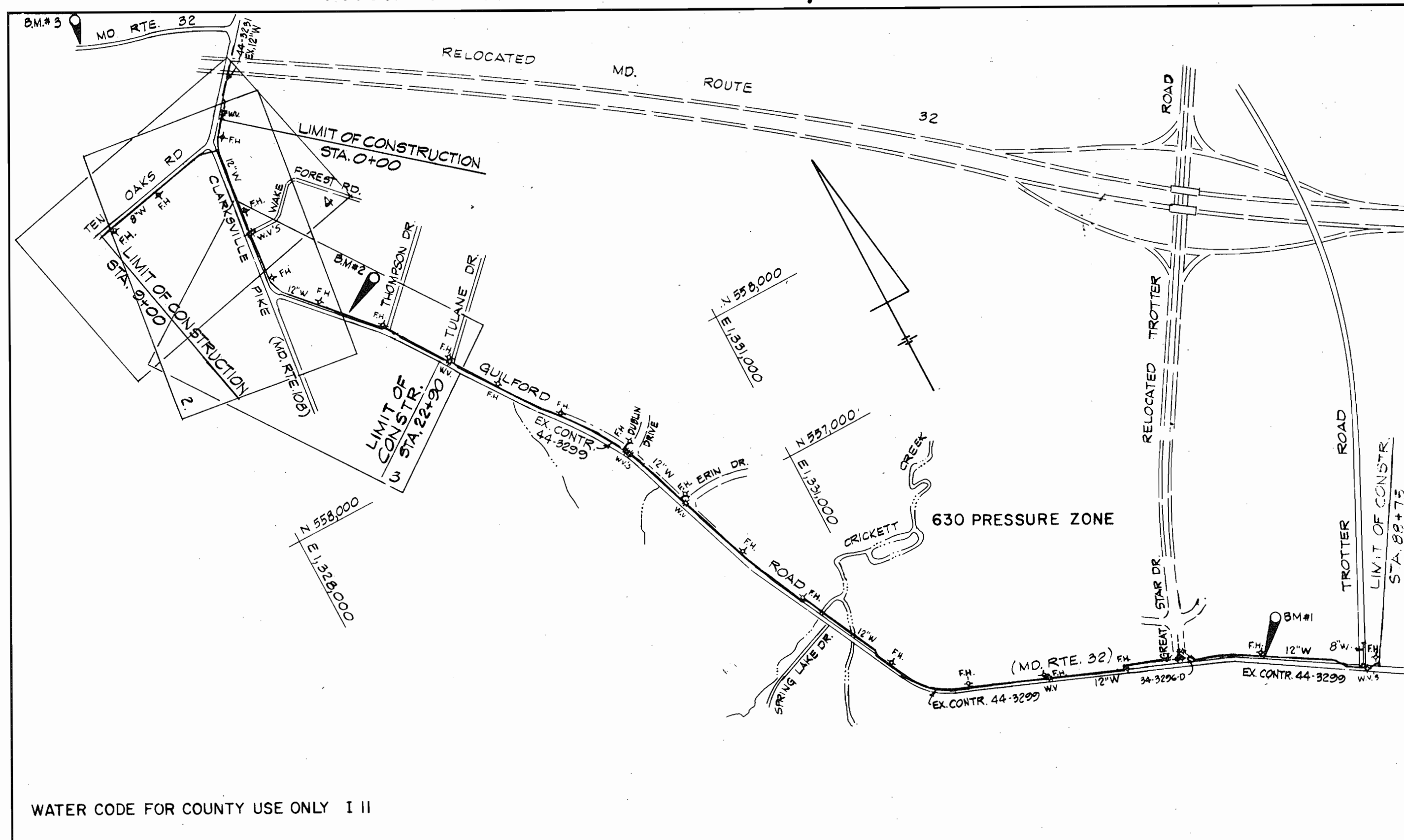
QUANTITIES

Table with 4 columns: ITEM, BID, AS-BUILT, MATERIAL SUPPLIER. Lists items like 12-IN WATER MAIN, 8-IN WATER MAIN, 6-IN WATER MAIN, FIRE HYDRANTS, etc.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS ELLICOTT CITY, MARYLAND 21043 GUILFORD ROAD-12" WATER MAIN EXTENSION FROM EXIST. 12" MAIN 200'± N.E. OF TEN OAKS ROAD TO TULANE DRIVE TEN OAKS ROAD-8" WATER MAIN EXTENSION FROM 12" MAIN AT ROUTE 108, WESTERLY 900'±

GENERAL NOTES

- 1. APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.



WATER MAIN - STAKEOUT DATA

Table with 3 columns: MAIN/FITTING, DISTANCE, OFFSET. Lists details for Clarksville Pike/Guilford Road and Ten Oaks Road.

WATER CODE FOR COUNTY USE ONLY I II TYPE OF BUILDINGS: COMMERCIAL/RESIDENTIAL NUMBER OF PARCELS: 24 NO. OF WATER CONNECTIONS: 22 DRAINAGE AREA: MIDDLE PATUXENT

VICINITY MAP SCALE: 1"=600'

CAPITAL PROJECT CONTRACT NUMBER W 8194 44-3483

SEQUENCE OF CONSTRUCTION

- 1. Contact Howard County Bureau of Construction Inspection (313-1880) prior to starting date.
- 2. Install erosion and sediment control devices as per Section 219 of the Howard County Design Manual Vol. IV.

ENGINEER'S CERTIFICATION

I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

HICKS ENGINEERING CO., INC. ENGINEERS - SURVEYORS - PLANNERS 200 E. JOPPA ROAD - SUITE 402 TOWSON, MARYLAND 21286 TEL.(410)494-0001

DEVELOPER'S CERTIFICATION

I/WE certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certification of Attendance at a Maryland Department of Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project.

BUREAU OF ENGINEERING DEPARTMENT OF PUBLIC WORKS

REVIEWED FOR HOWARD CO. S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

Signature and date: J.G. Warfield / 6.5 3/26/96

This Development Plan is approved for the soil erosion and sediment control by the Howard County Soil Conservation District.

Signature and date: [Signature] 3/26/96

SHEET INDEX

- SHEET 1 - TITLE SHEET SHEETS 2-4 - PLAN & PROFILE SHEET 5 - TRAFFIC CONTROL PLAN & DETAILS

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND. Director of Public Works: [Signature] 3-13-96. Chief, Bureau of Engineering: [Signature] 3-13-96.

HICKS ENGINEERING CO., INC. ENGINEERS - SURVEYORS - PLANNERS 200 E. JOPPA ROAD - SUITE 402 TOWSON, MARYLAND 21286

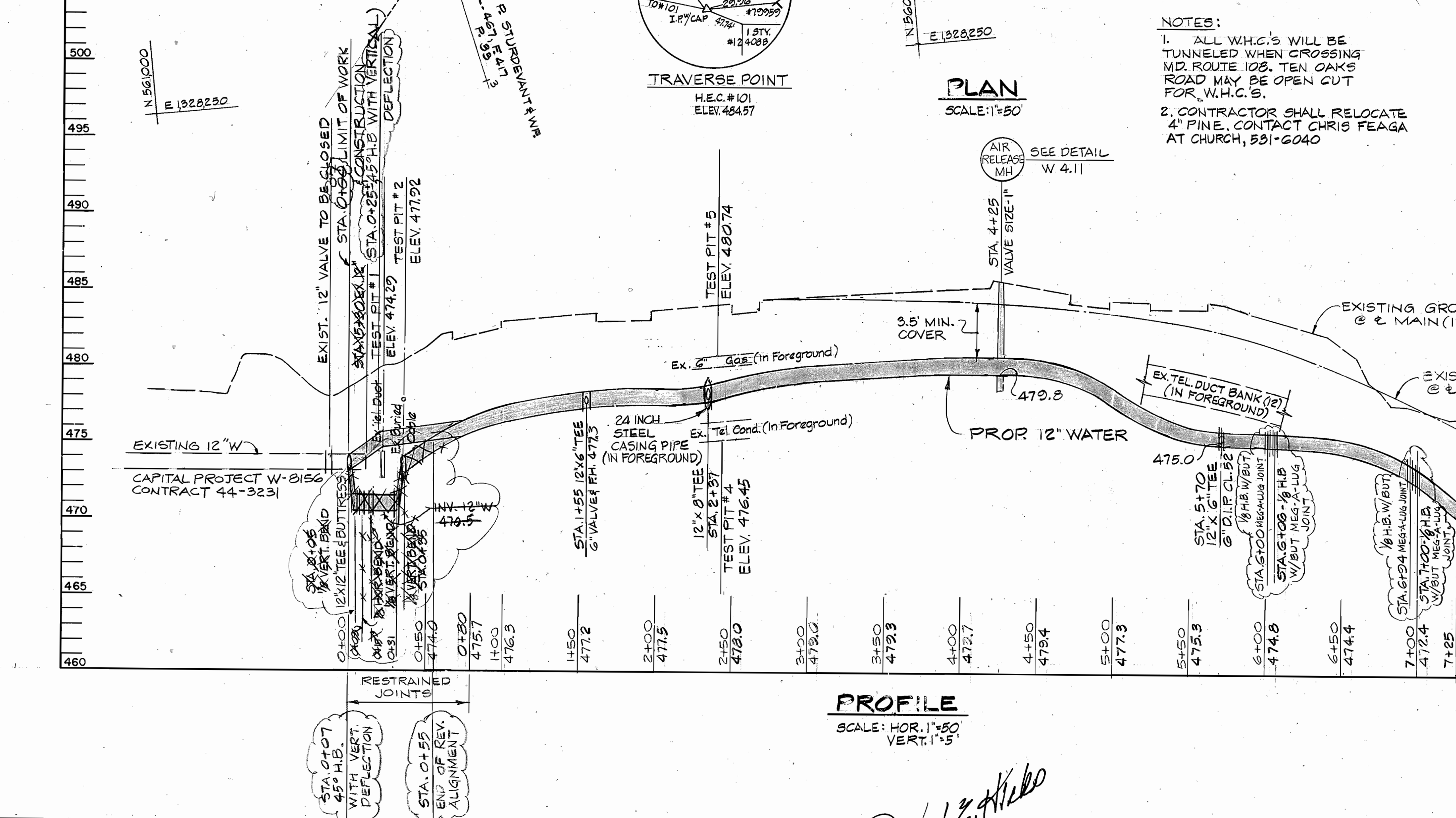
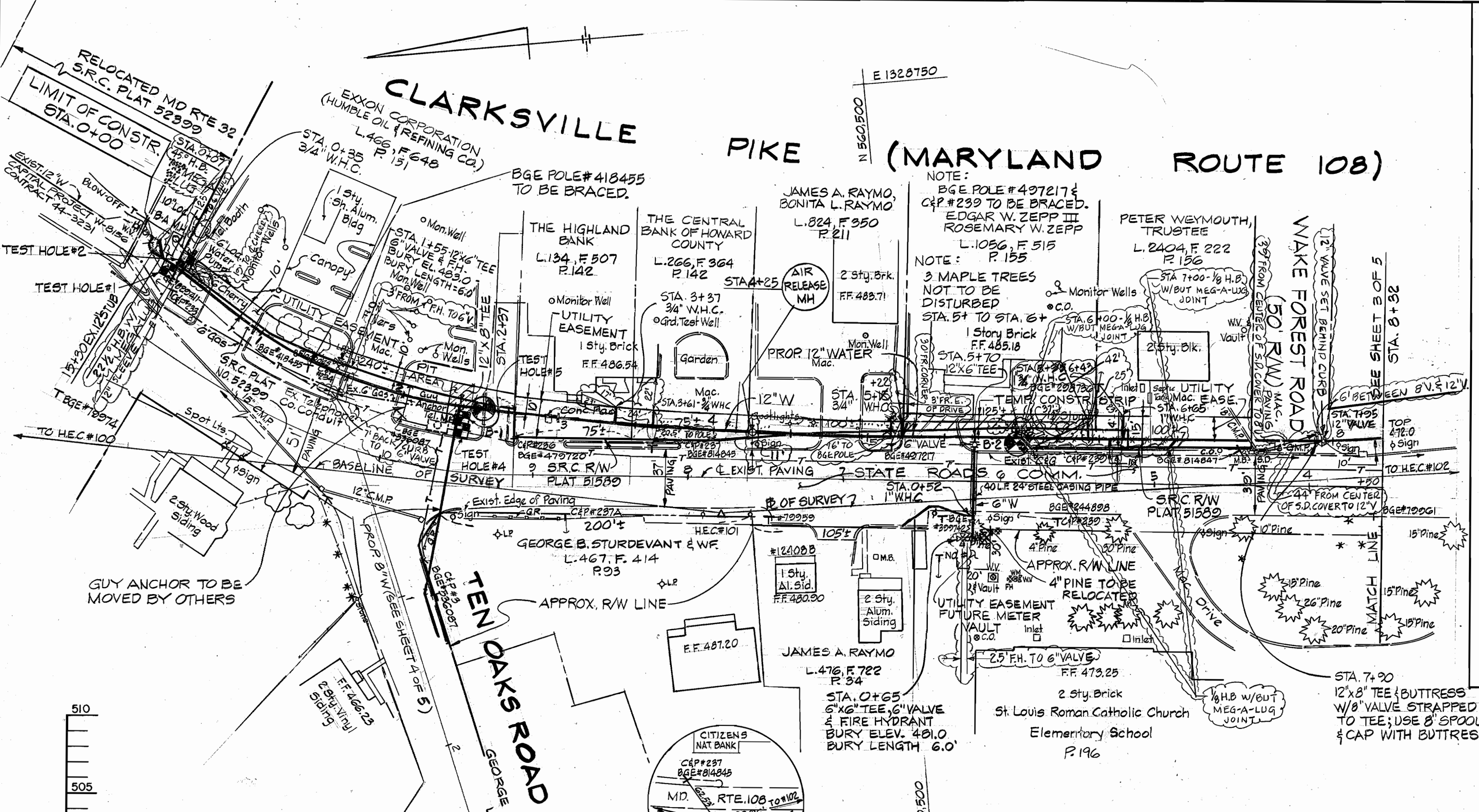
Table with columns: DES: K.W., DRN: F.W., CHK: D.E.H., DATE: 1/31/96, BY NO., REVISION, DATE.

TITLE SHEET 600' SCALE MAP NO. W 34 BLOCK NO. 12#10

GUILFORD ROAD WATER MAIN CAPITAL PROJECT W-8194 CONTRACT NUMBER 44-3483 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND SCALE AS SHOWN SHEET 1 OF 5

AS BUILT 5/7/97

AS BUILT 5/7/97



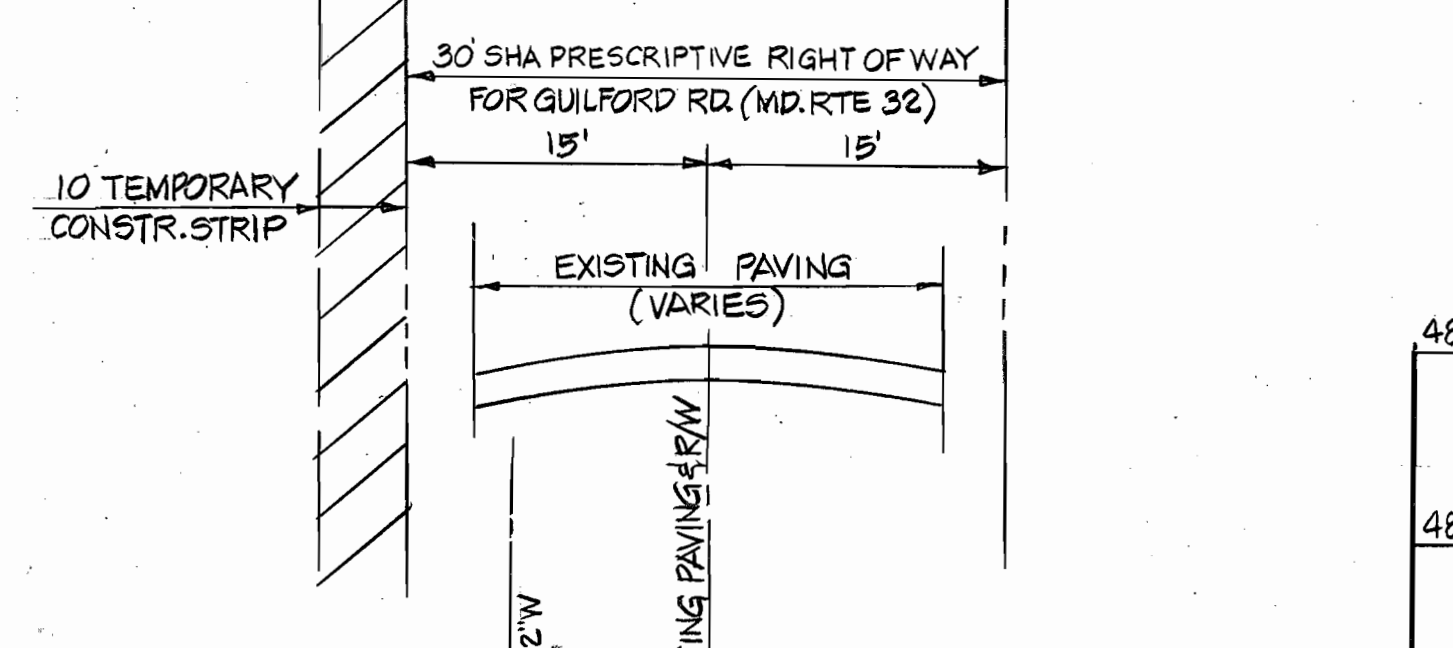
- SEDIMENT CONTROL NOTES**
- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF CONSTRUCTION INSPECTION PRIOR TO THE START OF ANY CONSTRUCTION.
 - ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1. B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
 - ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS, SOIL, TEMPORARY SEEDING AND MULCHING. TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
 - ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - SITE ANALYSIS:

TOTAL AREA OF SITE	N/A ACRES
AREA TO BE ROOFED OR PAVED	0.84 ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.12 ACRES
TOTAL CUT	N/A CU.YDS.
TOTAL FILL	N/A CU.YDS.
 - ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 - ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.
 - ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.

- * PERMANENT SEEDING NOTES**
- APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
- SEEDBED PREPARATION:** LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS:** IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:
- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ FT).
 - ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.
- SEEDING -** FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 50 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE (.05 LBS/1000 SQ FT) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOIL. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.
- MULCHING -** APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.
- MAINTENANCE -** INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS. REPLACEMENTS AND RESEEDINGS.

B.M.#1	ELEV. 477.632	B.M.#2	ELEV. 471.77	B.M.#3	ELEV. 420.01
HOWARD CO. CONTROL STA. #3592 STAMPED CONC. MON. N. SIDE OF RTE. 32, 15' N. OF EDGE OF PAVING 107.9' N.W. OF G.F.E. POLE #176021 N 160193, 6624 E 406270, 3817		HOWARD CO. CONTROL STA. CLARK 1959 (H.C.#108) STAMPED CONC. MON. E. SIDE OF RTE. 32, 20' E. OF EDGE OF PAVING, 60' N.W. OF B.G.E. POLE #207860. N 132877, 1113 E 559522, 0223		HOWARD CO. CONTROL STA. 34 CA STAMPED CONC. MON. N. SIDE OF RTE. 32, 33' N. OF EDGE OF MAC. SHOULDER, 0.6 MI. FROM RTE. 108. N 171450, 6814 E 404435, 3254	

- NOTES:**
- ALL W.H.C.'S WILL BE TUNNELED WHEN CROSSING MD. ROUTE 108. TEN OAKS ROAD MAY BE OPEN CUT FOR W.H.C.'S.
 - CONTRACTOR SHALL RELOCATE 4" PINE. CONTACT CHRIS FEAGA AT CHURCH, 531-6040



WATER LOCATION DETAIL
GUILFORD ROAD
SHEET 3 - FROM STA. 19+50 TO STA. 22+00

RESTORATION SCHEDULE

LOCATION	LENGTH	TYPE
12" MAIN STA. 0+00 TO STA. 0+55	55 L.F.	10' S&M
STA. 0+55 TO STA. 0+95	40 L.F.	PAVING
STA. 0+95 TO STA. 1+50	100 L.F.	15' S&M
STA. 1+50 TO STA. 2+52	40 L.F.	PAVING
STA. 1+50 TO STA. 2+52	53 L.F.	15' S&M
STA. 2+52 TO STA. 2+70	18 L.F.	PAVING
STA. 2+70 TO STA. 2+75	5 L.F.	15' S&M
STA. 2+75 TO STA. 4+14	139 L.F.	PAVING
STA. 4+14 TO STA. 4+69	55 L.F.	12' S&M
STA. 4+69 TO STA. 4+97	28 L.F.	PAVING
STA. 4+97 TO STA. 5+22	25 L.F.	12' S&M
STA. 5+22 TO STA. 5+61	39 L.F.	PAVING
STA. 5+61 TO STA. 6+82	121 L.F.	15' S&M
STA. 6+82 TO STA. 7+96	114 L.F.	PAVING
STA. 7+96 TO STA. 8+92	86 L.F.	10' S&M
6" MAIN STA. 0+00 TO STA. 0+09	9 L.F.	10' S&M
STA. 0+49 TO STA. 0+70	21 L.F.	20' S&M

PROFILE - PROR 6" WATER
STA. 5+70
SCALE: HOR. 1"=50'
VERT. 1"=5'

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Robert W. Seaman 3/15/96
DIRECTOR OF PUBLIC WORKS DATE

Robert W. Seaman 3/15/96
CHIEF, BUREAU OF UTILITIES DATE

Robert W. Seaman 3/15/96
CHIEF, BUREAU OF ENGINEERING DATE

Robert W. Seaman 3-13-96
CHIEF, WATER & SEWER DIVISION DATE

HICKS ENGINEERING CO., INC.
ENGINEERS · SURVEYORS · PLANNERS
200 E. JOPPA ROAD · SUITE 402
TOWSON, MARYLAND 21286

Robert W. Seaman

DES: KW	
DRN: MAB/EW	
CHK: DE.H.	
DATE: 6/2/95	
BY: NO.	
REVISION	
DATE	

PLAN & PROFILE

600' SCALE MAP NO. W-34 BLOCK NO. 12 & 18

GUILFORD ROAD WATER MAIN
2 ND. ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
CAPITAL PROJECT W-8194
CONTRACT NO. 44-3483

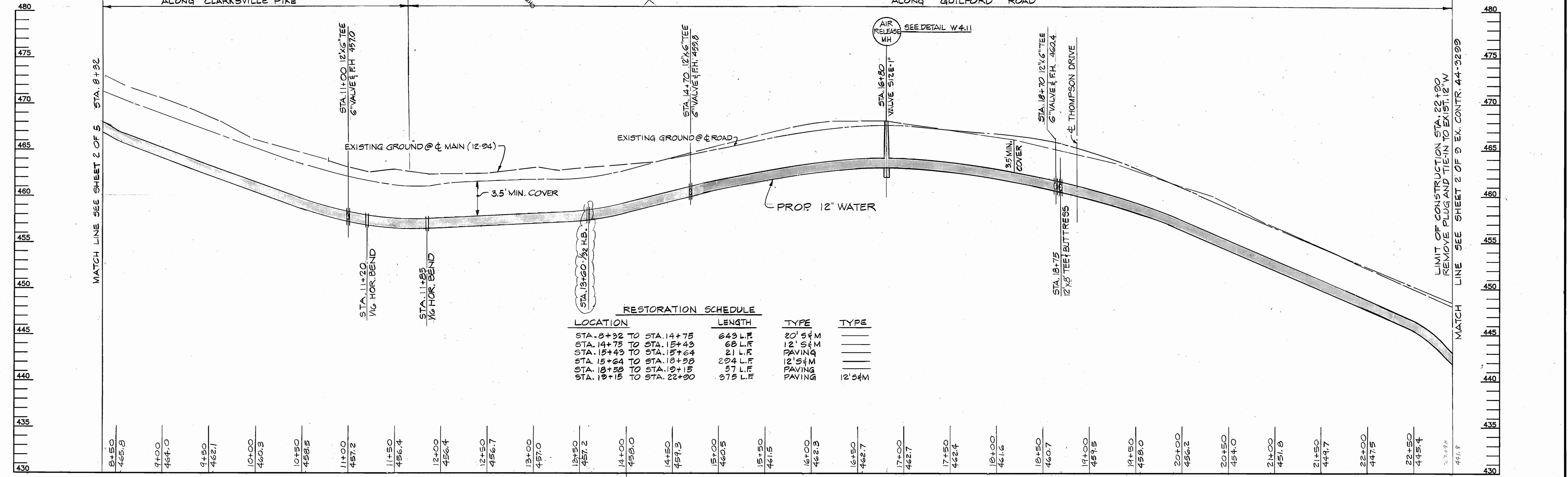
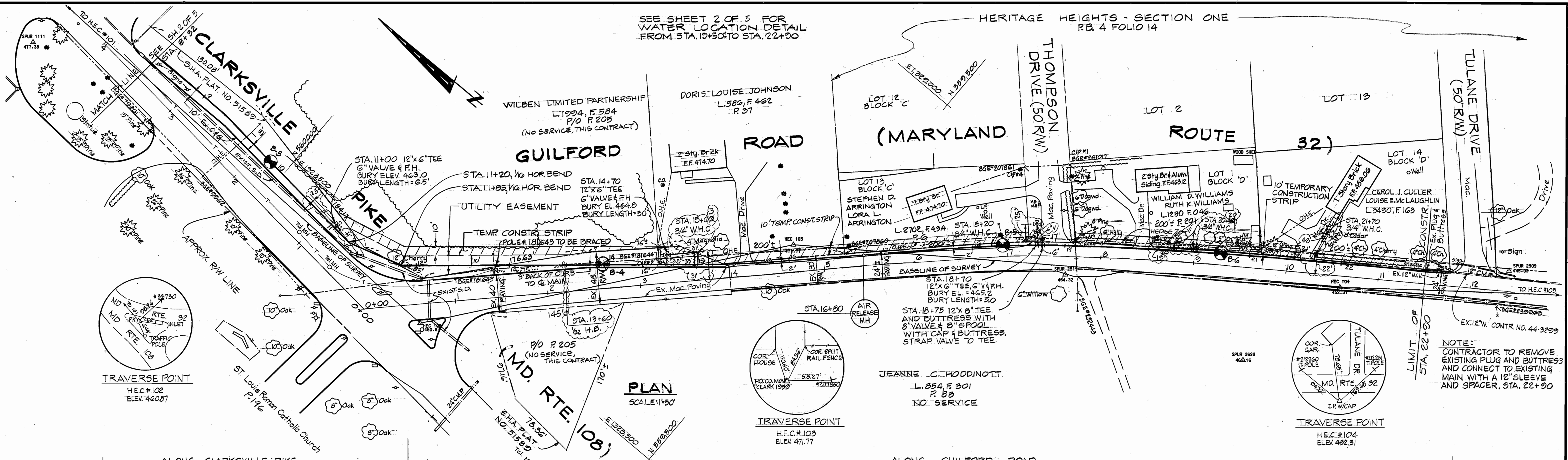
SCALE AS SHOWN
SHEET 2 OF 3

AS BUILT 5/7/97

AS BUILT 5/7/97

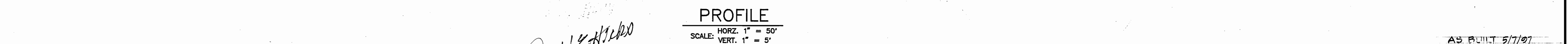
SEE SHEET 2 OF 5 FOR WATER LOCATION DETAIL FROM STA. 19+50 TO STA. 22+00

HERITAGE HEIGHTS - SECTION ONE
R.B. 4 FOLIO 14



RESTORATION SCHEDULE

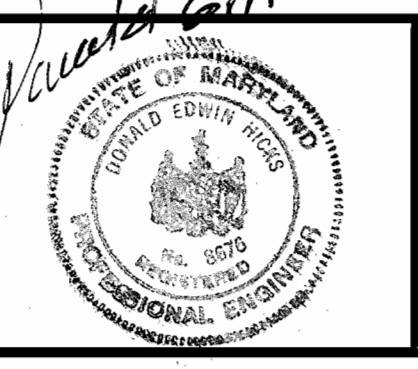
LOCATION	LENGTH	TYPE	TYPE
STA. 8+32 TO STA. 14+75	643 L.F.	20' 5 1/4" M	
STA. 14+75 TO STA. 15+43	68 L.F.	12' 5 1/4" M	
STA. 15+43 TO STA. 15+64	21 L.F.	PAVING	
STA. 15+64 TO STA. 18+58	294 L.F.	12' 5 1/4" M	
STA. 18+58 TO STA. 19+15	57 L.F.	PAVING	
STA. 19+15 TO STA. 22+00	375 L.F.	PAVING	12' 5 1/4" M



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Director of Public Works: *[Signature]* 3/13/96
Chief, Bureau of Engineering: *[Signature]* 3/13/96
Chief, Bureau of Utilities: *[Signature]* 3-15-96
Chief, Water & Sewer Division: *[Signature]* 3-13-96

HICKS ENGINEERING CO., INC.
ENGINEERS, SURVEYORS & PLANNERS
200 EAST JOPPA ROAD - SUITE 402
TOWSON, MARYLAND 21286



DES: K.W.	
DRN: M.A.B./E.W.	
CHK: D.E.H.	
DATE: 6/27/95	
BY NO.	
REVISION	
DATE	

PLAN & PROFILE

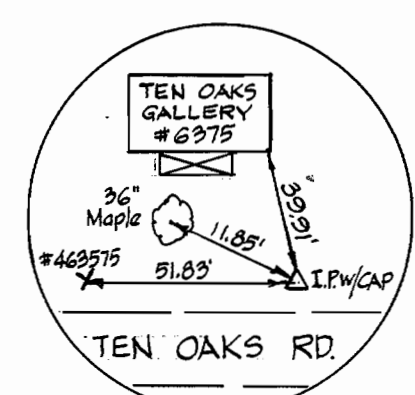
600' SCALE MAP NO. W-34 BLOCK NO. 12 & 10

GUILFORD ROAD WATER MAIN
2 ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
CAPITAL PROJECT W8194
CONTRACT NO. 44-3483

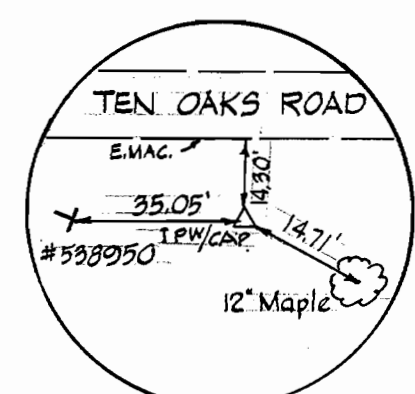
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SHEET 3 OF 5

AS BUILT 5/7/97

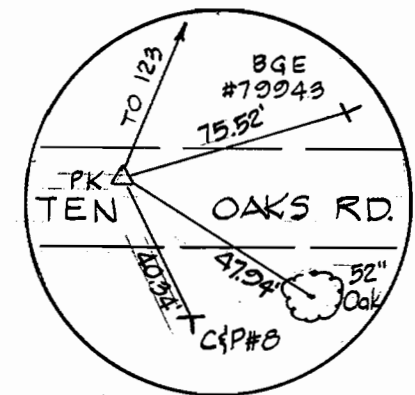
AS BUILT 5/7/97



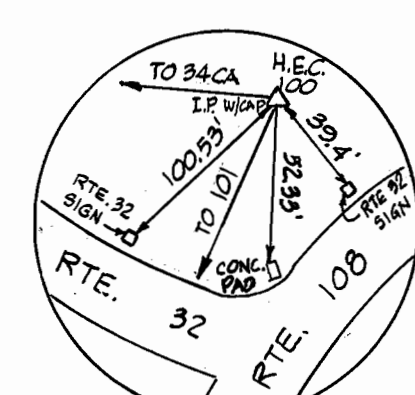
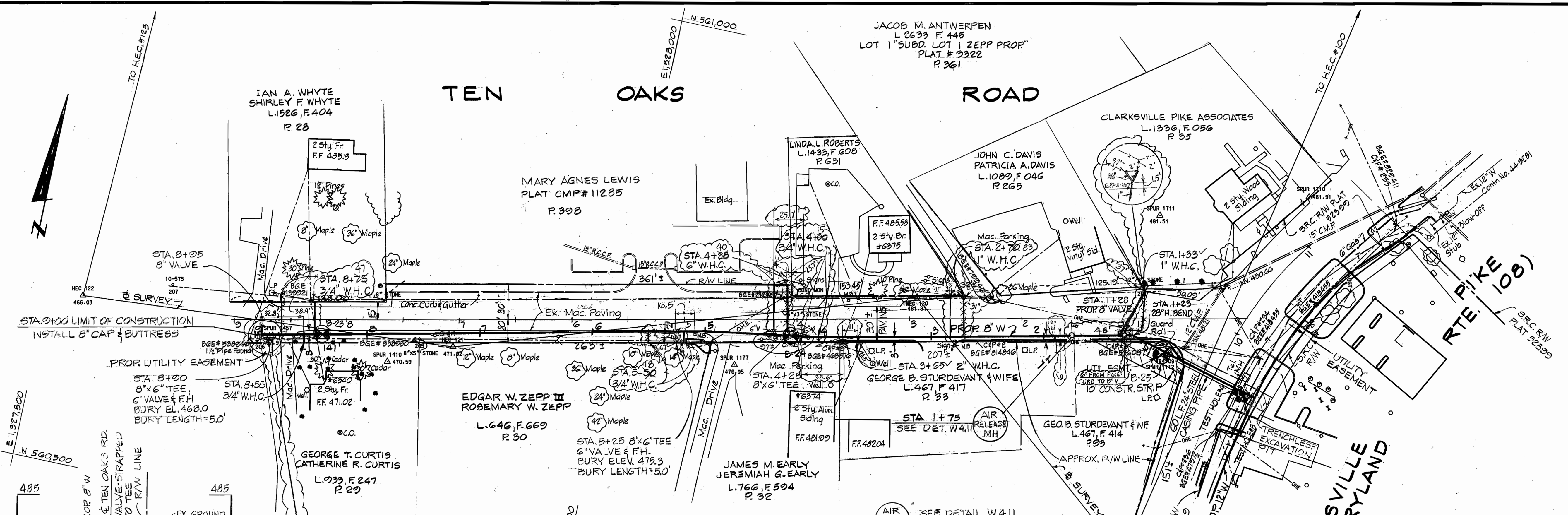
TRAVERSE POINT
H.C.#120
ELEV. 481.81



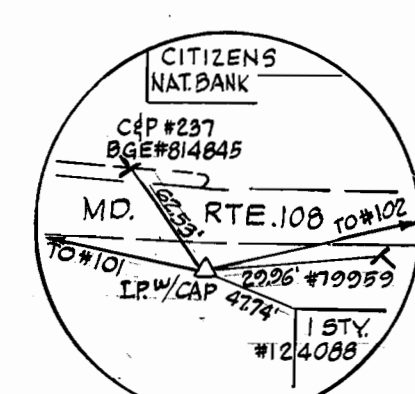
TRAVERSE POINT
H.C.#121
ELEV. 171.92



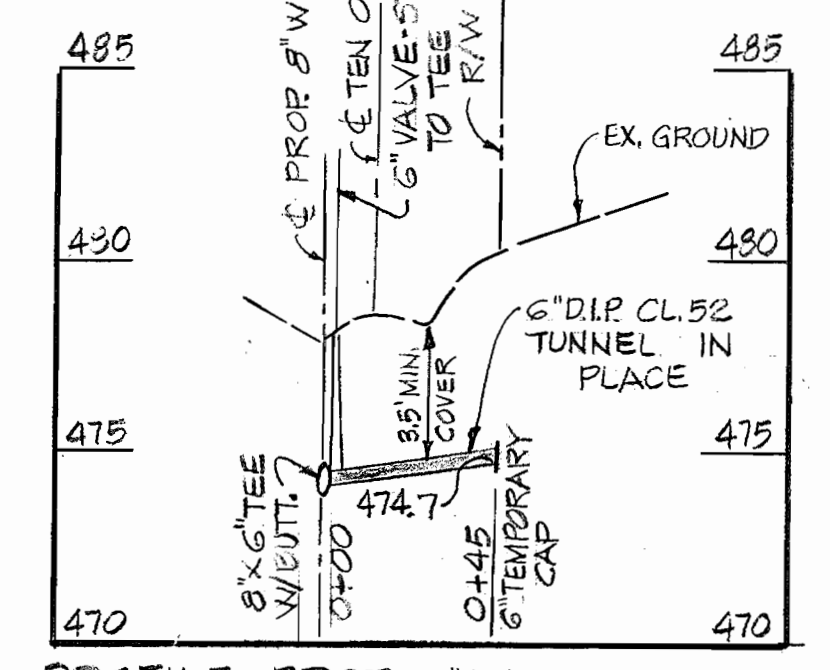
TRAVERSE POINT
H.C.#122
ELEV. 466.09



TRAVERSE POINT
H.C.#100
ELEV. 484.84

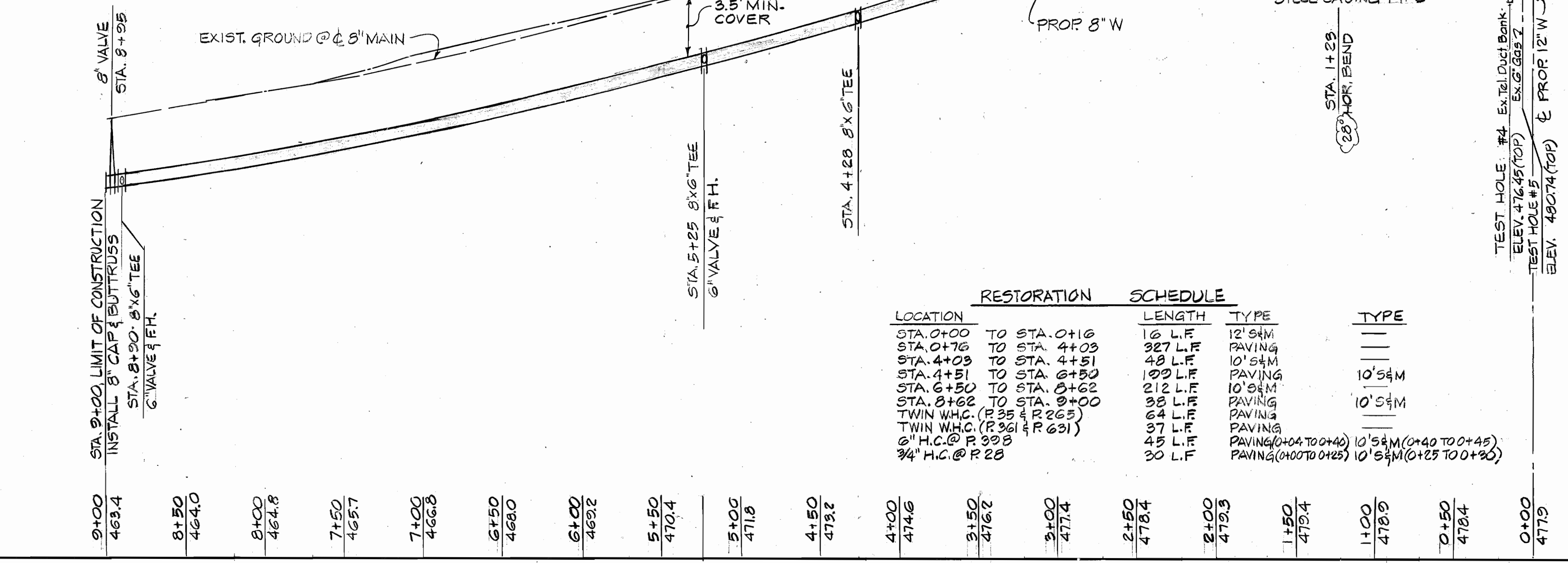


TRAVERSE POINT
H.C.#101
ELEV. 484.57



PROFILE - PROP 6" WATER SERVICE
STA. 4+28 - PARCEL 303

SCALE: HOR. 1"=50'
VERT. 1"=5'



PROFILE

SCALE: HOR. 1"=50'
VERT. 1"=5'

LOCATION	RESTORATION	SCHEDULE	LENGTH	TYPE	TYPE
STA. 0+00 TO STA. 0+16	TO	TO	16 L.F.	12" S.M.	
STA. 0+16 TO STA. 4+03	TO	TO	327 L.F.	PAVING	
STA. 4+03 TO STA. 4+51	TO	TO	48 L.F.	10" S.M.	
STA. 4+51 TO STA. 6+50	TO	TO	199 L.F.	PAVING	10" S.M.
STA. 6+50 TO STA. 8+62	TO	TO	212 L.F.	10" S.M.	
STA. 8+62 TO STA. 9+00	TO	TO	38 L.F.	PAVING	10" S.M.
TWIN W.H.C. (R 35 & R 265)			64 L.F.	PAVING	
TWIN W.H.C. (R 361 & R 631)			37 L.F.	PAVING	
6" H.C. @ R 303			45 L.F.	PAVING	
34" H.C. @ R 28			30 L.F.	PAVING	

NOTE: PROVIDE BRICK BULKHEAD AND JOINT AT END OF CASING AS SHOWN ON HOWARD CO. STD. DETAIL 9.01.

24 INCH MIN. STEEL CASING PIPE, 3/8" MIN. WALL THICKNESS.

FILL ANNULAR SPACE WITH FLO-ASH, CONTRACTOR SHALL PROVIDE CASING SPACERS TO PREVENT FLOTATION OF 8" WATER WHILE FILLING THE ANNULAR SPACE WITH FLO-ASH, PROVIDE DRAINS THROUGH BRICK BULKHEAD WHILE FILLING WITH FLO-ASH TO PREVENT POCKETS OF WATER IN CASING.

CROSSING OF CLARKSVILLE PIKE AT TEN OAKS ROAD & AT WATER MAIN STATION 5+70

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

3/19/96
DIRECTOR OF PUBLIC WORKS DATE

3-15-96
CHIEF, BUREAU OF UTILITIES DATE

HICKS ENGINEERING CO., INC.
ENGINEERS, SURVEYORS & PLANNERS
200 EAST JOPPA ROAD - SUITE 402
TOWSON, MARYLAND 21286

DES: K.W.
DRN: M.A.B./F.W.
CHK: D.E.H.
DATE: 6/27/95

PLAN & PROFILE

600' SCALE MAP NO. W-34 BLOCK NO. 1211E

GUILFORD ROAD WATER MAIN
2 ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
CAPITAL PROJECT W8194
CONTRACT NO. 44-3483

SCALE AS SHOWN
SHEET 4 OF 3

AS BUILT 5/7/97

STEEL PLATES STANDARDS AND SPECIFICATIONS

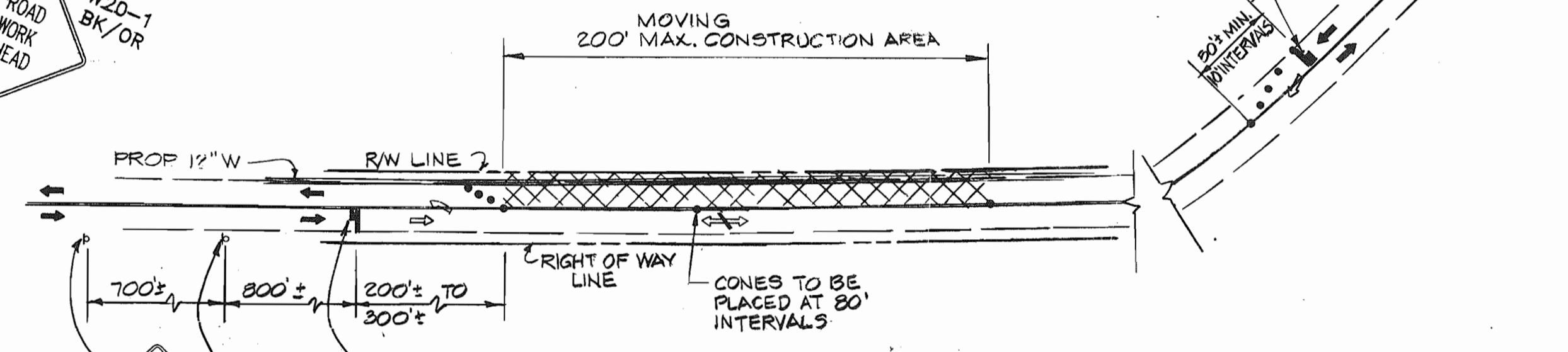
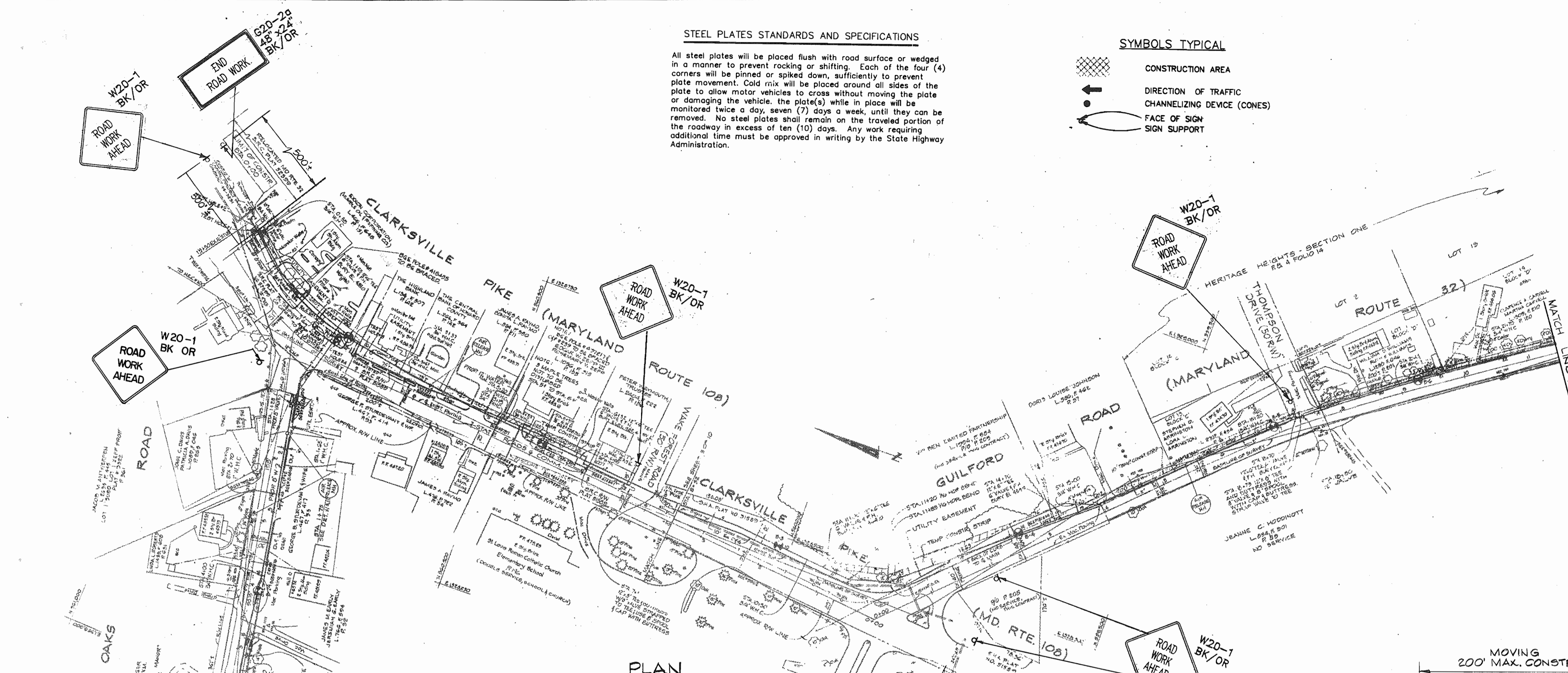
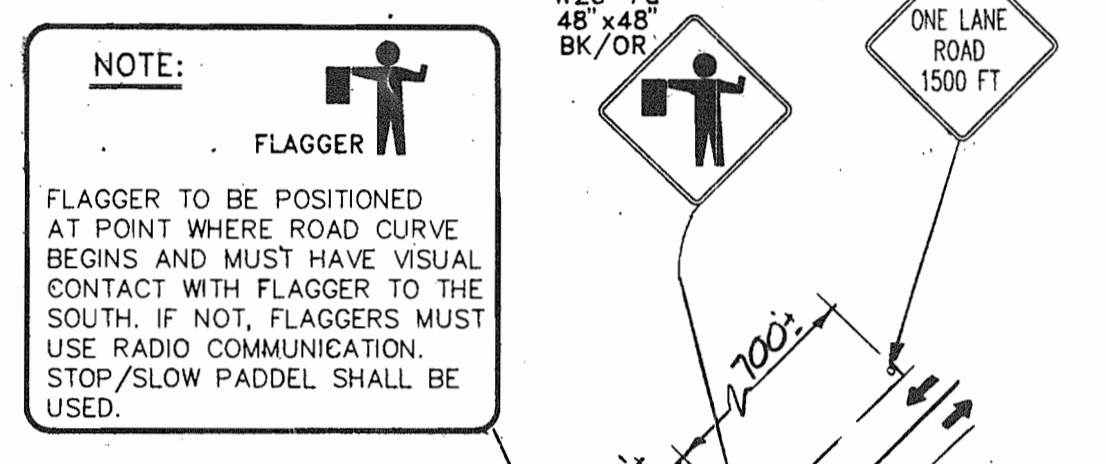
All steel plates will be placed flush with road surface or wedged in a manner to prevent rocking or shifting. Each of the four (4) corners will be pinned or spiked down, sufficiently to prevent plate movement. Cold mix will be placed around all sides of the plate to allow motor vehicles to cross without moving the plate or damaging the vehicle. The plate(s) while in place will be monitored twice a day, seven (7) days a week, until they can be removed. No steel plates shall remain on the traveled portion of the roadway in excess of ten (10) days. Any work requiring additional time must be approved in writing by the State Highway Administration.

SYMBOLS TYPICAL



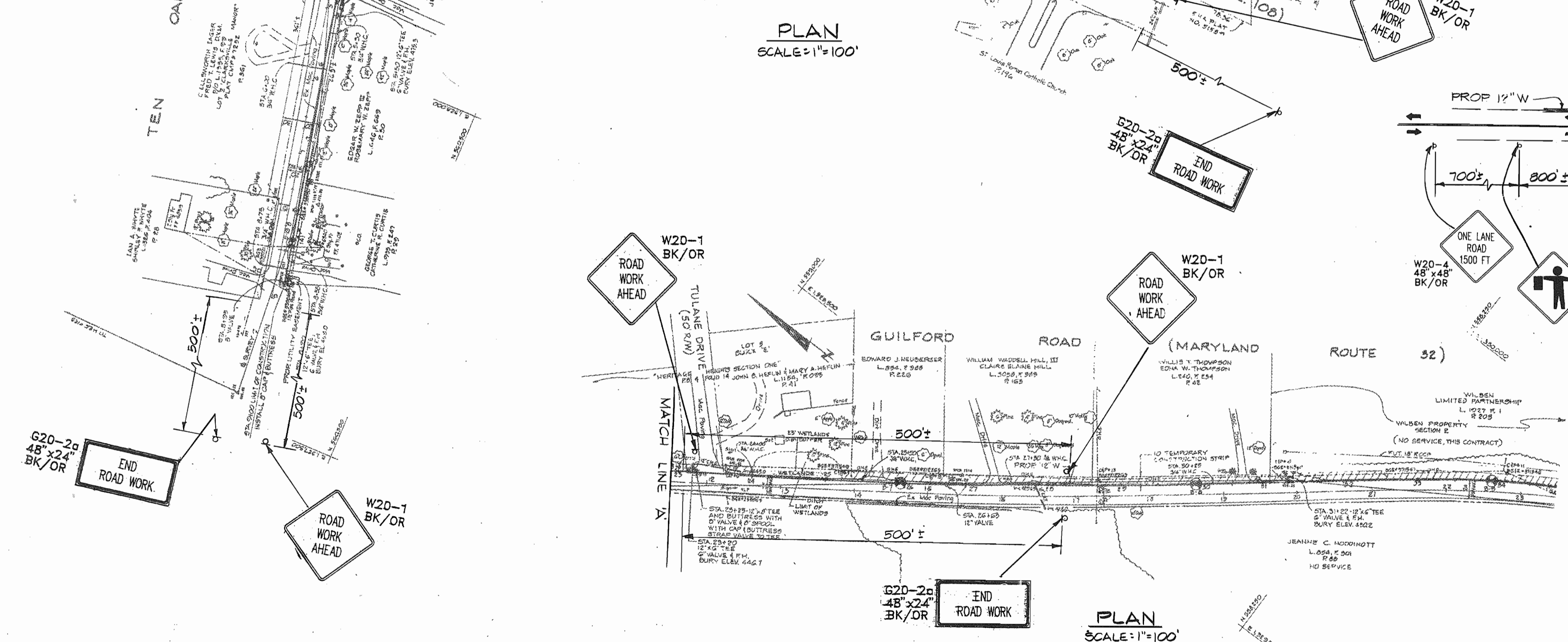
TYPICAL TRAFFIC CONTROL NOTES

- 1. THE U.S.H.A. AND HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO BEGINNING ANY WORK IN ORDER TO SCHEDULE A FIELD INSPECTION OF TRAFFIC CONTROL DEVICES.
2. ALL WORK ZONE TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS CONTAINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE MARYLAND STATE HIGHWAY ADMINISTRATION.
3. NO WORK SHALL BE PERFORMED IN THE ROADWAY FROM 6AM TO 9AM & 3PM TO 7PM.
4. TRAVEL LANES SHALL BE A MINIMUM OF TEN FEET IN WIDTH. WHEN ONLY ONE LANE IS OPEN, A FLAG PERSON(S) PROPERLY TRAINED AND ATTIRE WITH THE APPROPRIATE SIGNING SHALL BE PROVIDED. THE ROADWAY SHOULD BE REDUCED TO TWO LANES IN ACCORDANCE WITH WORK ZONE RESTRICTIONS.
5. ALL OPEN TRENCHES SHALL BE CLOSED AT THE END OF EACH DAY. IF STEEL PLATES ARE TO BE USED, APPROPRIATE SIGNING WILL BE REQUIRED.
6. EXISTING REGULATORY WARNING AND GUIDE SIGNS THAT DO NOT APPLY DUE TO TEMPORARY TRAFFIC CONDITIONS WILL BE COVERED WITH THE APPROVAL OF THE ENGINEER.
7. ACCESS SHALL BE PROVIDED TO ALL EXISTING DRIVEWAYS AT ALL TIMES. THE CONTRACTOR IS TO INSURE DURING ONE LANE FLAGGING OPERATION THAT NO VEHICLES EXIT FROM ANY DRIVEWAYS, BETWEEN BOTH FLAG PERSONS, IN THE INCORRECT DIRECTION.
8. ALL CONES AND FLAG PERSON(S) SHALL BE MOVED ACCORDINGLY AS CONSTRUCTION PROGRESSES.
9. ALL WORK ZONE SIGNING SHALL BE IN ACCORDANCE WITH THE TYPICAL SIGN PLACEMENT SHOWN ON THE TRAFFIC-CONTROL PLANS AND SHALL NOT OBSTRUCT EXISTING TRAFFIC CONTROL DEVICES.
10. IF TEMPORARY PARKING RESTRICTIONS WILL BE REQUIRED, THE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING SIGNS AND FOR NOTIFYING AT LEAST ONE DAY IN ADVANCE ALL THE AFFECTED RESIDENTS. THE CONTRACTOR MUST CONTACT S.H.A. AND HOWARD COUNTY TRAFFIC ENGINEERING REGARDING ANY PARKING RESTRICTIONS ARE ENACTED.
11. CONSTRUCTION VEHICLES SHALL NOT BE PARKED IN A MANNER THAT WILL IMPEDER TRAFFIC OR IMPAIR SIGHT DISTANCE.



TYPICAL FLAGGING OPERATION DETAIL FOR GUILFORD RD - MD. ROUTE 32 & TEN OAKS ROAD. SCALE: 1"=50'

THE CONTRACTOR SHALL PROVIDE ACCESS ACROSS ALL ENTRANCES DURING WORKING & NON-WORKING HOURS.



DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND. Includes signatures and dates for Director of Public Works and Chief, Bureau of Engineering.

HICKS ENGINEERING CO., INC. ENGINEERS, SURVEYORS & PLANNERS. 200 EAST JOPPA ROAD - SUITE 402 TOWSON, MARYLAND 21286.

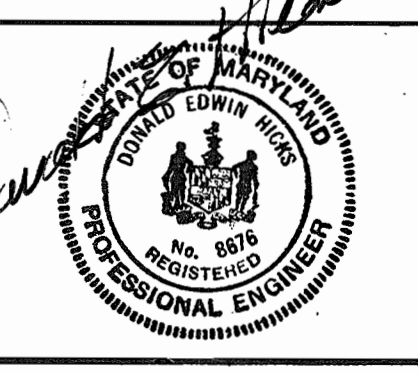


Table with columns: DES: D.E.H., DRN: F.W., CHK: D.E.H., DATE: 1/31/96, BY, NO., REVISION, DATE, 600' SCALE MAP NO., BLOCK NO.

TRAFFIC CONTROL PLANS AND DETAILS

GUILFORD ROAD WATER MAIN 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND CAPITAL PROJECT W8194 CONTRACT NO. 44-3483