

WASHINGTON
STATE HIGHWAY COMMISSION
DEPARTMENT OF HIGHWAYS

District No. 4

No. 6195

PERMIT

In accordance with RCW 47.32.160 and 170 and/or RCW 47.44.050 and amendments thereto, and subject to all the terms, conditions and provisions written or printed below or on any part of this form

PERMISSION IS HEREBY GRANTED TO Clark County Department of Public Works,

County Courthouse, Vancouver, Wa. 98660

to

construct, operate and maintain a buried thirty (30) inch pressure sanitary sewer across a portion of proposed SR 501 right of way within a forty-two (42) inch casing at approximate H.E.S. 355+24 = M.P. 10.16 in the NE $\frac{1}{4}$, Section 24, Township 3 North, Range 1 West, W.M., Clark County, Washington, and described as follows:

Beginning by entering the easterly SR 501 highway right of way opposite approximate H.E.S. 355+00 = M.P. 10.15 in a westerly direction and crossing the proposed SR 501 centerline at an approximate eighty (80) degree angle within a forty-two (42) inch casing and leaving the westerly highway right of way opposite approximate H.E.S. 355+50 = 10.16, as shown on the attached Exhibit "B", Page 1.

Exhibits attached hereto and by this reference made a part hereof are as follows:

Exhibit A - Special Provisions for Permits and Franchises,
Pages 1 & 2

Exhibit B - State's Right of Way Plan, Sheet 13 of 33 "Vancouver Lake to Pioneer Avenue in Ridgefield", Page 1.

No work shall be done under this permit until the party or parties to whom it is granted shall have communicated with and received instructions from Mr. Les Judge, Maint. Supt., P.O.

Box 1717, Vancouver, Wa. 98663

This permit shall be void unless the work herein contemplated shall have been completed before

September 1, 19 74

Dated at Vancouver, Wa. this 30th day of August, 19 74

DIRECTOR OF HIGHWAYS

Non-Lim.
DSA

By [Signature]
District Engineer.

SPECIAL PROVISIONS FOR PERMITS AND FRANCHISES

PERMIT NO. 6195

EXHIBIT A

Applicable provisions are denoted by (X).

- (X) 1. No work provided for herein shall be performed until the Holder shall have given 48 hours notice to Mr. Les Judge, Maint. Supt., P.O. Box 1717, Vancouver, Wa. 98663 (Phone: 696 6557)
- (X) 2. Prior to the beginning of construction, the ^{Permittee} ~~State~~ shall arrange a pre-construction conference at which the State, the Holder and his engineer, contractor, and inspector shall be present.
- (X) 3. Should the Holder choose to perform the work outlined herein with other than its own forces, a representative of the Holder shall be present at all times while the construction is in progress unless otherwise directed by the District Engineer. All contact between the State and the Holder's contractor shall be through the representative of the Holder. Where the Holder chooses to perform the work with its own forces, it may elect to appoint one of its employees engaged in the construction as its representative. Failure to comply with this provision shall be grounds for restricting any further work by the Holder within the right of way, until said requirement is met.
- (X) 4. A copy of the permit or franchise must be on the job site, and protected from the elements, at all times during any of the construction authorized by said permit or franchise within the State's right of way.
- () 5. This permit or franchise does not give the Holder, or any agent, or contractor of the Holder, any rights to cut, spray, retard, remove, destroy, damage, disfigure or in any other way modify the physical condition of any vegetative material located on the Highway right of way, except by written permission from the District Engineer. All restoration shall be done to the satisfaction of the State at the sole expense of the Holder.
- () 6. The Holder agrees to schedule the work herein referred to and perform said work in such a manner as not to delay the State's contractor in the performance of his contract.
- () 7. The Holder agrees that when placing its facility within any portions of any roadbed, the trench shall be backfilled in horizontal layers not to exceed six (6) inches in loose thickness, except that the layers of the top two (2) feet from profile grade shall not exceed four (4) inches in loose thickness. Each layer of the entire embankment shall be compacted to not less than 95 per cent of the maximum density as determined by compaction control tests. The moisture content of the embankment material at the time of compaction shall be as specified by the State. In no case will "water settling" be allowed.
- () 8. No excavation shall be made closer than _____ () feet from the edge of pavement. This shall include turn radii at road approach crossings.
- () 9. Work shall be restricted to the hours between _____ A.M. and _____ P.M. or as directed by the District Engineer, and no work shall be allowed on the right of way Saturdays, Sundays or Holidays.
- (X) 10. In the event any mile post, right of way marker, monument, fence or guard rail is located within the limits of this project and will be disturbed during construction, these items will be carefully removed prior to construction and reset or replaced at the conclusion of construction to the satisfaction of the State. All signs and traffic control devices must be maintained in operation during construction.
- (X) 11. If determined necessary by the District Engineer, any or all of the excavated material shall be removed and replaced with suitable material as specified by the District Engineer.
- (X) 12. Wherever deemed necessary by the District Engineer and/or the Department of Labor and Industries, for the protection of the highway pavement and the safety of the workers, the sides of the trench (or excavation), shall be supported by adequate lagging or cribbing to prevent any damage by cracks, settlement, etc. to the pavement. No other work in the trench or excavation area will be allowed until this requirement is met.
- () 13. All manholes, valve covers, and like appurtenances shall be constructed at such an elevation to conform to the shoulder slope from the edge of pavement or as directed by the State.
- () 14. Trenches shall be backfilled as soon as possible behind the laying of pipe or cable. No open trenches shall be left overnight. This includes boring or jacking pits which shall be covered with lumber or other material of sufficient strength to withstand the load of highway traffic, if the pit is not to be back-filled with material each night.
- () 15. All crossings of road intersections surfaced with oil, asphalt concrete pavement or cement concrete pavement shall be accomplished by jacking, boring, or augering the _____ under the roadway.
- (X) 16. The 30" sewer line shall be placed within a suitable encasement pipe with a minimum length ~~of~~ as shown on Exhibit B ~~feet.~~ Said encasement pipe shall be ~~jacked, bored, or augered~~ through the highway grade with a minimum depth of five (5) feet from top of casing to finished road grade and a minimum of three and one-half (3 1/2) feet of depth from bottom of ditch to top of casing.

DISTRICT NO. 4 UTILITY APPLICATION

FRANCHISE ☐ Fee \$150.00
 FRANCHISE AMENDMENT ☐ Fee \$100.00
 FRANCHISE RENEWAL ☐ Fee \$ 75.00

FRANCHISE ASSIGNMENT ☐ Fee \$20.00
 PERMIT ☒ Fee \$35.00

WASHINGTON STATE HIGHWAY COMMISSION
 Department of Highways
 P.O. Box 1717
 Vancouver, Wn. 98663

Gentlemen:

Application is hereby made for a permit ^{#6195} to construct,
 operate and maintain a 30" sewage treatment plant outfall line upon a
 portion of State Highway No. SR- 501 (future) in Clark
 County, Washington, described as follows:

Located in the Northeast 1/4 of the Northeast 1/4 of Section 24,
 Township 3 North, Range 1 West, Willamette Meridian in Clark
 County, approximately 5 miles northwest of Vancouver, Washington,
 and crossing the future highway at approximately WSHD Sta. 355+24
 at a bearing of N87°42'22"W.

Fees in the amount of \$ 35.00 are paid herewith to defray the basic administrative
 expense incident to the processing of this utility application according to Washing-
 ton State Highway Commission Resolution No. 2224, and the applicant further promises
 to pay such further amounts as shall be billed, if any, in reimbursement of the act-
 ual costs of the Washington State Department of Highways in engineering costs, travel,
 etc. incident to investigation of the applicant. Checks are to be made payable to
 "Department of Highways - Treasury Account."

SURETY BOND: Amount None Bond No. None

SURETY CO. None
 the Clark County County Courthouse
 (name of utility) of Vancouver, Washington 98660
 (address)

submits said application and accepts the conditions as set forth above.

Dated this day of 19

By: Donald Fager
 (name) Don Fager

Assistant Director
Department of Public Works
 (title)

Phone No. (206) 699-2376

PERMIT 0110

CHECK LIST FOR PERMITS

Processing fee
received 8-20-74

Permits are granted for occupancy of highway right of way for utility crossings and/or occupancy of utility facilities less than 300 feet longitudinally. RCW 47.44.050 is the authority for a utility permit and Resolution No. 2224 contains the policy for the accommodation of the permit facility. Each utility crossing requires a separate permit. Within cities and towns on non-limited access highways, permits are issued and maintained under local jurisdiction (RCW 47.52.090).

The following data is required:

- APPLICATION FORM -

1. Is the description complete? Yes
2. Is the check for the processing fee attached? _____
3. Does the Utility have a blanket Surety Bond? N/A
4. Is an Individual Surety Bond required? N/A
 - a. Is the Bond attached? _____
 - b. Will it be furnished prior to work? _____
 - c. Is the amount of Bond adequate? _____
5. Is the Utility representative's name and phone number on the application? Yes
6. Does the application have an authorized signature? Yes

PERMIT MAPS

Each application must include at least five (5) sets of prints of our official highway right of way maps on which the location of the utility facility has been illustrate in red color. A reproducible is desirable, if available. If the location of the facility is a justified deviation from the Commission Policy, two additional sets are required. If the crossing is on a limited access highway, two more copies are needed. If an access revision is involved, one additional set is needed. If advanced authority to construct is requested by the Utility two more additional sets are necessary.

In addition to showing the proposed facility on an official highway right of way plans, utility company or consultant drawings and specifications should accompany the application, if available.

7. Is the proper number of prints attached? Yes
8. Is the proposed facility illustrated on the prints as near to scale as possible? Yes
9. Is aerial and/or buried noted on the prints? Yes
10. Is the size and type of the facility noted? Yes
Example: (4" dia. steel watermain, 2.5 pair
aerial telephone cable, 12.5 kv buried power
cable, 8" dia. welded steel gas main-60 psig,
10" dia. cast iron water line, etc.)
11. The highway stationing and mile post must be indicated, in red color on the prints where the line enters or leaves the right of way or crosses the centerline at right angle crossings. Is this information on the prints? Yes

LETTERS OF JUSTIFICATION FOR DEVIATION

N/A *#6195*
Should the Utility request to install a facility within our highway right of way which is a deviation to the Commission Policy, a full explanation in a letter of justification from the Utility is required and shall be submitted to the District. The following support data in the Utility's letter is required:

- a. Have alternate routes been studied? _____ Described these routes: _____
- b. Are any of the other utility locations either extremely difficult or unreasonably costly to the utility consumer?
 - (1.) Statement if extremely difficult - problems encountered with installation such as terrain, rock outcroppings, water, large trees, inaccessibility, etc., should be noted.
 - (2.) Statement if unreasonably costly - comparison cost estimates are required for the proposed installation in the deviation area as compared to the location of proposed installations that would comply with all aspects of the accommodation policy.
- c. A statement should be made to the effect that this proposed installation and operation of the facility as described by this permit, will not adversely affect the design, construction, structural integrity, stability, traffic safety, maintenance, appearance and/or operation of the highway.
- d. On limited access highways no routine maintenance of a utility facility will be allowed. Service, if necessary, must be achieved by means other than from the through-traffic highway lanes and ramps. Service must be from adjacent lands by private easement, frontage roads, etc. Specify how the facility is to be served.
- e. The method of installation and type of equipment used should be described such as direct bury-plow-in, open trench by backhoe, etc.
- f. Two (2) sets of color photographs are required. Staking or marking the proposed location of the utility facility should be done prior to taking the pictures so that they will clearly indicate the position of the facility relative to the highway. Pictures are to be taken to depict all features to justify the proposed location such as rock outcroppings, steep fills or cut slopes, trees and buildings adjacent to the road, etc. Each photograph shall be identified as to the camera location by highway stationing and the direction of the shot.
- g. The width of the existing highway pavement and shoulders shall be indicated in the transmittal letter as well as the distances from the facility to the highway centerline, edge of shoulder and/or right of way line on any longitudinal run of under 300'.

OVER

CHECK LIST FOR PERMITS
(continued)

#6195

consideration. Following a field review, a summarization of what effect the proposed installation will have on the aesthetics of the highway right of way and visible natural features is to be included in your comments and recommendations.

REMARKS: *None*

I have reviewed this permit application and find the proposed installation acceptable.

4-24-74
(Date)

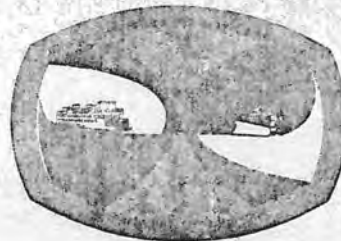
Les Judge
(Signature)

WASHINGTON STATE

HIGHWAY COMMISSION

DEPARTMENT OF HIGHWAYS

Office of District Engineer
4200 Main St.
P.O. Box 1717
Vancouver, Washington 98663



Daniel J. Evans - Governor
G.H. Andrews - Director

September 19, 1973

#4195

CLARK COUNTY PARKS & REC. DEPT.
RT. 2, BOX 11-A
BATTLE GROUND, WASH. 98604

C.S. 0631 S.R. 501
BUCKMIRE SLOUGH VICINITY
FRANCHISE APPLICATION

ATTN: MR. VERNON V. VEYSEY:

Dear Sir:

Your recent application for a sanitary sewer permit on S.R. 501 does not appear to be valid. An encroachment on State Highway right-of-way occupying 300 or more lineal feet, measured parallel with the center line, is covered by Franchise.

I am sending some revised application forms. Also a Check List for Franchises. It is not necessary that you complete the Check List nor that you return it, however, I have marked with red those items on the Check List that you need to cover in your application or cover letter.

Under "Letter of Justification for Deviation", you have three potential deviations: 1. depth; 2. trenching across a paved road and 3. placement within the roadway prism parallel to the roadway.

1. Depth requirements are covered in the Standard Plate attached to the Check List. Depths less than that shown is a deviation.
2. Open trenching across the Highway or across an intersecting paved public road is a deviation. Private driveways don't count.
3. Placement of a parallel underground utility closer to the roadway than six (6) feet beyond the Back of the Ditch is a deviation.

You can cover your Justifications in the cover letter.

When a deviation is involved, about four (4) months are required to process the Franchise or Permit. However, when the application is acceptable to Bob Turbush, you can probably get verbal permission to go ahead. Written "Prior Approval" can be obtained in six (6) to eight (8) weeks. If you expect to need written "Prior Approval", request it in your cover letter.

Finally you or your contractor must cover the "within the Highway right-of-way" work with a Surety Bond of \$1000.00 minimum to remain in force for one calendar year following completion. See items 3 & 4 of the Check List.

Please contact me if you have any questions.

Very truly yours,


L.T. JUDGE, MAINT. SUPT.

Baker Ferguson, Chairman
Walla Walla

Harold Walsh
Everett

John N. Rupp
Seattle

Lorna Ream
Spokane

A.H. Parker
Bremerton

Lorenz Goetz
secretary

SALMON CREEK SEWERAGE PROJECT
COLUMBIA RIVER OUTFALL

Photos of Proposed SR-501 Crossing
Taken on 4 February 1974

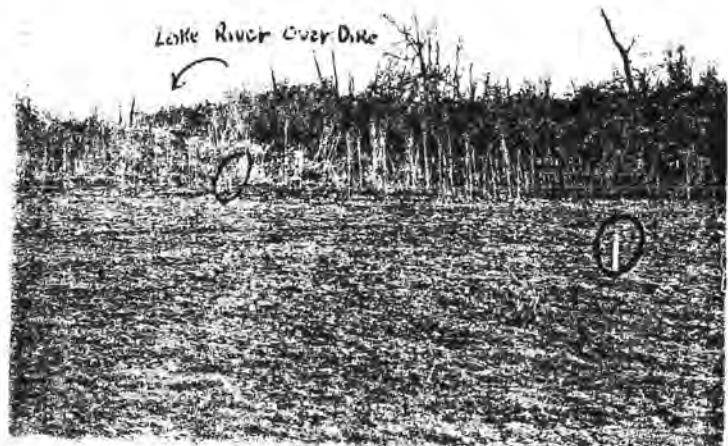
4195



Looking northeast at
crossing site.



Looking southeast at
crossing site.



See 6195 & 6196



CORNELL, HOWLAND, HAYES & MERRYFIELD
200 Market Street, Suite 1200, Portland, Oregon 97201
Telephone: (503) 224-9190, TWX: 910-464-4720, Cable: CH2MHILL

Portland Regional Office

26 March 1974

P6937.1

#6195

Washington State Highway Department
District 4, Division 1, Maintenance
P.O. Box 1717
Vancouver, Washington 98663

Attention: Mr. Les Judge

Gentlemen:

Enclosed are two applications for highway utility crossings along with the support information. They are for the crossings of the outfall line from the proposed Salmon Creek Water Reclamation Plant to be owned and operated by the Clark County Department of Public Works. The two crossings will be across the future SR-501 highway right-of-way and the existing Lower River Road, as shown on the accompanying maps.

The SR-501 (future) crossing right-of-way is presently used as plowed farmland. Since the construction of SR-501 is not anticipated for some time, it is felt that the most acceptable method of constructing the crossing would be an open cut with compacted native material as backfill to within 1 foot of the ground surface. Within the limits of the crossing shown on the enclosed profile, the carrier pipe, casing pipe, pipe bedding, and pipe zone material have been designed to take a combination of an H-20 loading and earth cover of 20 feet. The anticipated SR-501 cross section at the point of crossing shows a fill of approximately 14 feet to elevation 30.0, which is within our design.

There are bedding restraints if the SR-501 highway fill is incorporated with a river dike for Lake River. At the present time, nothing definite has been decided relative to this by the U.S. Army Corps of Engineers. Our proposed backfill has been designed to prevent seepage of water along the casing base or casing zone materials, and we can accommodate plowing of the ground now and easy stripping of topsoil for the future highway.

Washington State Highway Department
Page 2
26 March 1974
P6937.1

#6195

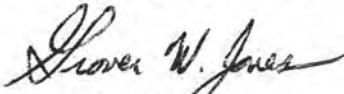
This design will produce little or no interference with the construction or use of the future SR-501.

We would also like to be exempted from posting the highway bond on the future highway SR-501 crossing, as the highway does not exist and, thereby, would not be subject to damage.

We request the acceptance of these construction techniques and permission to cross these two highways at the locations discussed herein.

Thank you very much for your consideration of our application.

Sincerely yours,


Grover W. Jones

pm

Enclosures: Dike/Highway Crossings

cc: Mr. Don Fager, Clark County Department of Public Works

August 21, 1974

Mr. Don Fager, Asst. Director
Clark Co. Dept. of Public Works
Courthouse
Vancouver, Wa. 98660

HIGHWAY DIST. 4	
REC'D.	AUG 21 1974
REFER	NOTED
	DIST. ENGINEER
	ADM. OFFICER
	ACCOUNTANT
	OFFICE
	PERS. ASSIST.
	SAFETY
	FILES
	CONSTRUCTION
	DOCUMENT ENGR.
	ASST. CONSTR.
	EDITS
	RECORDS ENGR.
	MAINTENANCE
	ASST. MAINT.
	INSTR. ASST.
	LONG. DIVISION
	PLANNING
	COMM. LIAISON
	ASST. LOC. DES.
	ADDRESS DES.
	PLANS
	LAND ARCH.
	COURT
	UTILITY
	PROJECT CONTROL
	STATE AID
	ASST. ST. AID
	TRAFFIC
	RIGHT OF WAY
	DIST. SECY.
CC	

C.S. 0631 SR 501 MP10.16
(Proposed Route)

C.S. 0631 SR 501 MP10.68
(Existing Route)

Vancouver Lake Vic. & Lower
River Road (Permits 6195 & 6196)

Dear Mr. Fager:

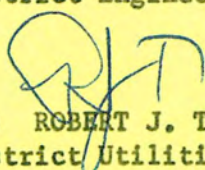
We are enclosing herewith a copy of District No. 4 Receipt No. D-11126 dated August 21, 1974 in the amount of \$70 which acknowledges payment of the basic charges for processing two applications to construct a buried 30-inch pressure sanitary sewer line across a portion of proposed SR 501 and a portion of existing SR 501 in Clark County, Washington.

Also attached are four copies of each permit that have been prepared in response to your applications.

Please sign all eight copies on the back of the permit forms and return them to this office for the signature of the District Engineer. A signed copy of each permit will be returned to you for your files.

Very truly yours,

R. L. CARROLL, P.E.
District Engineer

By:  ROBERT J. TURBUSH, P.E.
District Utilities Engineer

RLC:bar

RJT

Enc.

cc: Records Control

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS

COURT HOUSE — 1200 Franklin Street
VANCOUVER, WASHINGTON 98660

CLARK COUNTY	
18	50
1974	
NOVED	
	OFFICE
	PERS. ASSIST.
	SAFETY
	FILES
	CONSTRUCTION
	DOCUMENT ENGR.
	ASST. CONSTR.
	SOILS
	RECORDS ENGR.
	MAINTENANCE
	ASST. MAINT.
	ENGR. ASST.
	LOC. DESIGN
	PLANNING
	CONS. LIAISON
	ASST. LOC. DES.
	ACCESS DES.
	PLANS
	LAND ARCH.
	COUNT
	UTILITY
	PROJECT CONTROL
	STATE AID
	ASST. ST. AID
	TRAFFIC
	RIGHT OF WAY
	DIST. SECY.
CC	

August 27, 1974

Washington State Department of Highways
P O Box 1717
Vancouver, Washington 98663

Attn: Mr. Robert J. Turbush, District Utilities Engineer

Re: Permits, Salmon Creek Outfall Pipeline - Project SC 1010-5

Gentlemen:

Enclosed please find four signed copies of each of the two permits required for the above referenced project.

It is understood that one completely executed copy of each permit will be returned to this office.

6195 & 6196

Sincerely,

Jan E. Rosholt
Jan E. Rosholt, P.E.
Director

JER:DF:cb

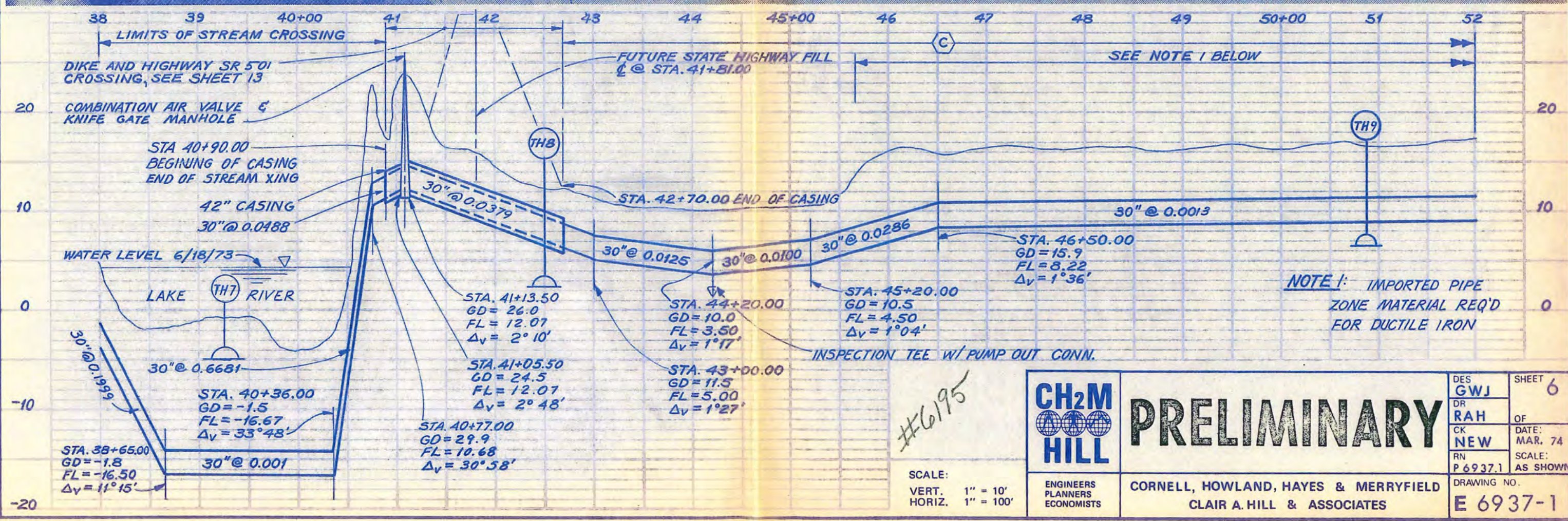
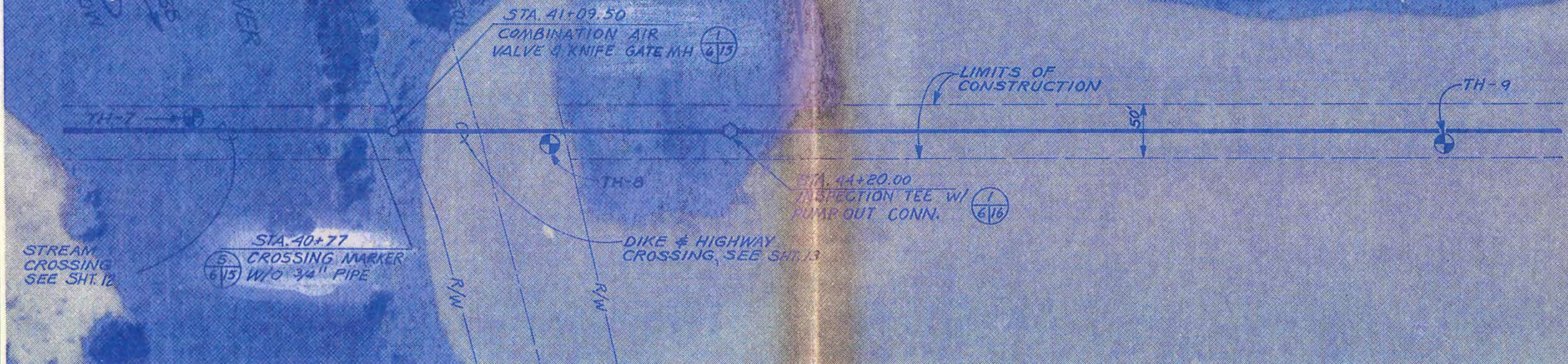
encl.

Attn: Mr. Jan F. Rosholt, P.E.
Director

[illegible]

RLC:m
RJT
Attch.
c.c. - Mr. L. Judge
Records Control

FAZIO BROTHERS
ALBERT FAZIO, ET. AL. OWNER
TEL. 206-693-4216 OR
206-696-9761



#6195

SCALE:
VERT. 1" = 10'
HORIZ. 1" = 100'



ENGINEERS
PLANNERS
ECONOMISTS

PRELIMINARY

CORNELL, HOWLAND, HAYES & MERRYFIELD
CLAIR A. HILL & ASSOCIATES

DES GWJ	SHEET 6
DR RAH	OF
CK NEW	DATE: MAR. 74
RN P 6937.1	SCALE: AS SHOWN
DRAWING NO. E 6937-1	