8691
8692

Diag'd. on diag. ch. No. 6146

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Planimetric Air Photographic

Field No. ..... Office No. T-8691 & T-8692

Horiz. Acc'y Test.

LOCALITY

State Oregon

General locality Multnomah County

Locality Fairview, Oregon

Photos: June-July, 1946

1946

CHIEF OF PARTY

R. A. Earle

LIBRARY & ARCHIVES

DATE December 17, 1947

8-1870-1 (1)

8691
8692

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Multnomah County, Ore.

LOCALITY Rockwood, Oregon

SHEET NO. T-8691

PROJECT NO. C.S. 322

SCALE 1:8000

PHOTOS ORDERED Aug. 1945 REC'D Sept. 1945

PROJECTION ORDERED Sept. 1945 REC'D 9-20-45

CONTROL:
COMPUTED Harris VERIFIED Myers

PLOTTED Letson VERIFIED Bunce

PHOTO PREPARATION:
CONTROL Harris

AZIMUTHS Letson

PASS POINTS Harris

TEMPLETS Myers VERIFIED Harris

RADIAL PLOT:
PLOTTED BY Harris DATE 11-2-45

VERIFIED Deal DATE 11-6-45

COMPILATION:
DETAIL POINTS Salazar DATE 11-8-45 to 12-5-45

DETAIL BY Salazar DATE 2-22-46

VERIFIED BY Deal DATE 2-25-46

Joins T-8684 Ck

Joins T-8690 Ck

Joins T-8692 Ck

Joins None Ck

DATE OF PHOTOS 6-30-45, 7-1-45, 7-2-45

TIME OF PHOTOS 10:45 A.M. 11:10 and 12:25

STAGE OF TIDE There are no tidal waters within the limits of this Map Manuscript.

COMPARISON WITH PREVIOUS SURVEYS; TOPO., HYDRO., AND CHARTS:

Due to scale difference only a visual comparison was made with U.S. Geological Survey, Camas 15 min. Quadrangle Scale 1:62500. In general common planimetric detail is in good agreement. There are no charts covering the area of this Map Manuscript.

REMARKS Field edit corrections were applied in compilation office and Map Manuscript given final compilation office review.

FORWARDED TO Washington, D. C. DATE July 16, 1946

Form T-1

DATA RECORD

T-8691

Quadrangle (II): Rockwood, Multnomah Co., Ore. Project No. (II): CS-322
3 minute.

Field Office: Portland, Ore. Chief of Party: R.A. Earle

Compilation Office: Portland, Ore. Chief of Party: R.A. Earle

Instructions dated (II III): July 12, 1945 Copy filed in Descriptive
Supplemental Instructions Aug. 29, Sept. 10, Report No. T- (VI)
Oct. 25, Nov. 30 and Dec. 6, 1945.

Completed survey received in office:

Reported to Nautical Chart Section:

Reviewed: Partial 9-10-46 Sept. 20, 1946 Applied to chart No. Date:

Redrafting Completed: 29 Oct. 1946

Registered: ~~4 Aug.~~ Nov. 1947 Published: 1947

Compilation Scale: 1:8000 Published Scale: 1:9600

Scale Factor (III): None

Geographic Datum (III): N.A. 1927 Datum Plane (III): * See below.

Reference Station (III): GRANT BUTTE (OREG.) 1938 r 1945

Lat.: 45°30' 08.060" (248.8 m) Long.: 122°27' 49.414" (1072.8 m) Adjusted X
Unadjusted

State Plane Coordinates (VI):

X = Y =

Military Grid Zone (VI)

* (M.H.W. = 6.29 ft. above Mean Sea Level) (M.L.W. = 1.29 ft. above Mean Sea Level)
All elevations are on the Standard 1929 general adjustment of leveling in the U.S.A.

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
380 to 383 Inc.	6-30-45	10:45	(1:17000 contact) (1:8000 ratio)	There are no tidal waters within the limits of this Map Manuscript.
723 to 727 Inc.	7-1-45	11:10	" "	
1248 to 1251 Inc.	7-2-45	12:25	" "	

Tide from (III): None

Mean Range: Spring Range:

Camera: (Kind or source) K 17 Camera, Focal Length 12 inches.

Field Inspection by: See Remarks, page 3 date:

Field Edit by: F.H. Elrod, Prin. Photo. Aid
C. Hanavich, Photo. Engr. date: May, 1946

Date of Mean High-Water Line Location (III): None

Projection and Grids ruled by (III) Washington Office date: Sept. 1945

" " " checked by: " " date: Sept. 1945

Control plotted by: Helen L. Letson date: Oct. 1945

Control checked by: Eda H. Bunce date: Oct. 1945

Radial Plot by: James L. Harris & J. E. Deal date: Nov. 6, 1945

Detailed by: Mercy Salazar date: Feb. 22, 1946

Reviewed in compilation office by: J.E. Deal date: Feb. 25, 1946

Corrections & Changes after field edit by: Ree H. Barron June, 1946

Review after changes due to field edit by: J.E. Deal June, 1946

Elevations on Field Edit Sheet
checked by: Charles Hanavich, Photo. Engr. date: May, 1946

STATISTICS (III)

Land Area (Sq. Statute Miles): 8.4

Shoreline (More than 200 meters to opposite shore): None

Shoreline (Less than 200 meters to opposite shore): None

Number of Recoverable Topographic Stations established: 7 (All section corners)

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:
Field Inspection By: F. H. Elrod, Prin. Photo. Aid.. Date: Oct. 1945

Recovery of Horizontal Control By: J.C. Lajoye, Prin.Photo.Aid. Date: Sept.1945

Recovery of Vertical Control By: J.H. Winniford, Photo.Aid(CofC)Date: Sept.1945

Investigation of Geographic Names
and Civil Boundaries By: Lee E. Ervast, Photo.Aid (CofC). Date: Jan. 1946

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Multnomah County, Ore.

LOCALITY Gresham, Oregon

SHEET NO. T-8692

PROJECT NO. C.S. 322

SCALE 1:8000

PHOTOS ORDERED Aug. 1945 REC'D Sept. 1945

PROJECTION ORDERED Sept. 1945 REC'D 10-1-45

CONTROL:
COMPUTED Harris VERIFIED Myers

PLOTTED Bunce VERIFIED Letson

PHOTO PREPARATION:
CONTROL Harris

AZIMUTHS Letson

PASS POINTS Harris

TEMPLETS Myers VERIFIED Harris

RADIAL PLOT:
PLOTTED BY Harris DATE 11-2-45

VERIFIED Deal DATE 11-6-45

COMPILATION:
DETAIL POINTS Myers DATE 11-7-45

DETAIL BY Myers, Barron DATE 11-15-45 to 2-15-46

VERIFIED BY Deal & Barron DATE 2-14-46

Joins T-8685 Ck ✓

Joins T-8691 Ck ✓

Joins T-8710 Ck ✓

Joins None Ck ✓

7-1-45
7-2-45
11-21-45

DATE OF PHOTOS

11:10, 12:25 and 15:00

TIME OF PHOTOS

STAGE OF TIDE There are no tidal waters within the limits of this Map Manuscript

COMPARISON WITH PREVIOUS SURVEYS; TOPO., HYDRO., AND CHARTS:

Due to a scale difference only a visual comparison was made with U.S. Geological Survey, Camas 15 min. Quadrangle Scale 1:62500. In general common planimetric detail is in good agreement. There are no Charts covering the area of this Map Manuscript.

REMARKS Field edit corrections were applied in compilation office and Map Manuscript given final compilation office review.

FORWARDED TO Washington, D. C. DATE July 16, 1946

Form T-1

DATA RECORD

T-8692

Quadrangle (II): Gresham, Oregon Project No. (II): CS-322

Field Office: Portland, Oregon Chief of Party: R.A. Earle

Compilation Office: Portland, Ore. Chief of Party: R.A. Earle

Instructions dated (II III): July 12, 1945 Supplemental Instructions Aug. 29, Sept. 10, Oct. 25, Nov. 30 and Dec. 6, 1945. Copy filed in Descriptive Report No. T- (VI)

Completed survey received in office:

Reported to Nautical Chart Section:

Reviewed: Aug. 14, 1946 Applied to chart No. —— Date:

Redrafting Completed: 30 Oct 1946

Registered: ~~8 Aug.~~ Nov. 1947 Published: 1947

Compilation Scale: 1:8000 Published Scale: 1:9600

Scale Factor (III): None

Geographic Datum (III): N.A. 1927 Datum Plane (III): * See below.

Reference Station (III): FAIRVIEW ~~DAIRY~~ ELEVATED SILVER TANK (OREG.) Waterworks (see Review) 1938 r 1945.

Lat.: 45°32' 03.529" (109.0 m) Long.: 122°26' 23.353" (506.7 m) Adjusted X Unadjusted

State Plane Coordinates (VI):

X = Y =

Military Grid Zone (VI)

* (M.H.W. = 6.29 ft. above Mean Sea Level) (M.L.W. = 1.29 ft. above Mean Sea Level) All elevations are on the Standard 1929 general adjustment of leveling in the U.S.A.

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
739 to 743 Inc.	7-1-45	11:30	(1:17000 contact) (1:8000 ratio)	There are no tidal waters within the limits of this Map Manuscript.
746 to 750 Inc.	7-1-45	11:40	" "	
3616 to 3619 Inc.	11-21-45	14:00	" "	

Tide from (III): None

Mean Range: Spring Range:

Camera: (Kind or source) K 17 camera, Focal length, 12 inches.

Field Inspection by: See Remarks, page 3. date:

Field Edit by: F.H. Elrod, Prin. Photo. Aid date: May 1946

Date of Mean High-Water Line Location (III): None

Projection and Grids ruled by (III) Washington Office date: Sept. 1945

" " " checked by: Washington Office date: Sept. 1945

Control plotted by: Eda H. Bunce date: Oct. 1945

Control checked by: Helen L. Letson date: Oct. 1945

Radial Plot by: James L. Harris & J.E. Deal date: Nov. 6, 1945

Detailed by: John T. Myers date: Feb. 15, 1946

Reviewed in compilation office by: Ree H. Barron date: Feb. 15, 1946

Corrections and changes after field edit by: Ree H. Barron June 1946

Review after changes due to field edit by: J.E. Deal June 1946

Elevations on Field Edit Sheet checked by: C. Hanavich, Photo. Engr. date: May, 1946

STATISTICS (III)

Land Area (Sq Statute Miles): 8.4

Shoreline (More than 200 meters to opposite shore): None

Shoreline (Less than 200 meters to opposite shore): None

Number of Recoverable Topographic Stations established: 10(1 interior landmark, 2 U.S.G.S. primary traverse stations, 4 section corners and 3 donation land claim corners.
Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

Field Inspection By: F.H. Elrod, Prin. Photo Aid Date: Oct. 1945

Recovery of Horizontal Control By: J.C. Lajoye, Prin.Photo Aid Date:Sept. 1945

Recovery of Vertical Control By: J.H. Winniford,Photo Aid(CofC)Date:Sept. 1945

Investigation of Geographic Names
and Civil Boundaries By: L.E. Ervast, Photo Aid (CofC) Date:Jan. 1946

FIELD INSPECTION REPORT

QUADRANGLES T-8691 and T-8692

PROJECT CS-322

1 to 25:

All information applicable to these side headings is given in the "Field Inspection Report, Project CS-322, Area of the First Radial Plot", which was enclosed with the Descriptive Report for Quadrangles T-8709 and T-8710. This Descriptive Report has been submitted. Side headings numbered 8, 9, 10, and 12, discussed in the above mentioned field inspection report, are not applicable to Quadrangles T-8691 and T-8692.

Approved by:

R. A. Earle
Chief of Party

Respectfully submitted:

Charles Hanavich
Photogrammetric Engineer

Amendment to File Data

Since project CS-322 was reviewed and registered, it was decided that a Completion Report for each project would be written and filed in the Bureau of Archives. This Completion Report should include all special reports, correspondence of probable future interest or importance, a project layout, a photo index, and a copy of the initial and supplementary project instructions.

A special file has been set up in the library for Division of Photogrammetry projects. The Completion Report and other special reports will be filed under the project number, and these will be arranged in numerical order.

The following reports and records for project CS-322 are now filed in the Bureau Archives, rather than according to the red notes in the Descriptive Reports:

		Access No.
A.	Special Reports.-	
1.	Investigation of Boundary Monuments and Land Lines for Radial Plots 1, 2, 3, and 4	CS-322 Rept. 1
2.	Radial Plots 1, 2, 3, and 4	" " 2
3.	Legal descriptions of boundaries	" " 3
4.	Field Inspection for plots 1, 2, 3, and 4	" " 4
B.	Computations: Triangulation and Traverse	943/GTZ G-6785
C.	Field records:	
1.	Horizontal Angles (form 250) 12 vol.	943/GH G-7082
2.	Traverse Measurements (form 590) 9 vol.	943/GM G-7083
3.	Descriptions (form 525) and recoveries (form 526)	943/GA G-6786
4.	Pricking cards (form M-982-1) for tri. and Trav.	Div. of Photogrammetry General File
5.	Recoverable Topographic stations (form 524)	Div. of Photogrammetry General File
D.	Recovery of bench marks (form 685)	Filed in Leveling Sec

E. Supplemental data: maps, plans
These were transferred to the Map Section (Mr. Stanley, Chief), Division of Charts, to be selectively filed or discarded.

COMPILATION REPORT

MAP MANUSCRIPTS NUMBERS T-8691 and T-8692

PROJECT CS-322

26. Control:

Two horizontal control stations located in the area of these map manuscripts were recovered and identified. In addition, three permanent triangulation stations and one temporary traverse station were established in order to satisfactorily control the photographs.

A complete tabulation of the horizontal control stations, which were originally in the area of these two map manuscripts, is attached to the "Field Inspection Report, Project CS-322, Area of the First Radial Plot". This report is included with the descriptive report for map manuscripts T-8709 and T-8710 which was forwarded to the Washington Office on July 5, 1946.

A complete tabulation of supplemental horizontal control stations which were established in 1945 and 1946 is attached to a special report, "Third-Order Triangulation and Traverse, Project CS-322, Area of the First Radial Plot", which was forwarded to the Washington Office on July 12, 1946. in Library under "G-6785"

27. Radial Plot:

The facts concerning the radial plot for the area of these two map manuscripts have been fully covered in the "Descriptive Report, First Radial Plot, Project CS-322". This radial plot report was included with the descriptive report for map manuscripts T-8709 and T-8710 which was forwarded to the Washington Office on July 5, 1946.

in Div. Photog. Gen. Files (Spl. Rpts.)

28. Detailing:

Compilation was done in accordance with instructions for Project CS-322 and special instructions applicable to planimetric mapping.

The photography was adequate after receipt of photographs nos. 3616 to 3619 inclusive, which were taken on November 21, 1945 and covered a gap existing in the original photography. Some difficulty was encountered in interpretation. It is believed that this was caused by loss of sharpness when the contact prints were enlarged.

Special Report: Investigation of Boundary Monuments and Land Lines . . .
Area of the First Radial Plot
Filed in Div. Photogram. Gen. Files under "Sp'l. Repts."

When any item relative to the field inspection data was doubtful, it could be clarified by consultation with the field man who had done the inspection work. It was, therefore, unnecessary to make discrepancy overlays for the field edit work.

The classification symbols for tree or brush areas are placed on the inside of the curled line which denotes the limit of said areas. These curled lines and letter symbols are in green acid ink.

All boundary and land claim lines are shown by appropriate symbols in red acid ink. A legend shown in the margin of each map manuscript identifies these lines.

Pertinent notes, relative to various items, have been lettered in the margins of the map manuscripts.

29. Supplemental Data:

The following maps or plans were used to supplement the photographs and are forwarded herewith:

Wood Village, black and white illustration, no scale
City of Gresham, blue line print, Scale 1" = 200'
Relocation of Columbia River Highway, paper tracing

Sheets 38, 39, 42 and 43 of a set of 74 sheets published by the Multnomah County, Oregon, Assessor's Office, Scale 1" = 600' were also used. These maps were forwarded with the Geographic Names Report on July 15, 1946.

30 to 35. These items are not applicable to map manuscripts T-8691 and T-8692.

36. Landing Fields and Aeronautical Aids:

A part of the area of the Troutdale Airport falls in the northeast corner of map manuscript No. T-8692.

The entire area of the Portland-Birdsdale Airport (private) falls within the area of these two map manuscripts. FE Photo 1249

A small part of Troh's Skyport (private) falls along the west side of map manuscript no. T-8691.

There are no Aeronautical Aids in the area.

37. Geographic Names:

Only undisputed geographic names are shown on the map manuscripts. ✓ 814

Geographic names are the subject of a special report, "Investigation of Geographic Names, Project CS-322, Area of the First Radial Plot", which was forwarded to the Washington Office on July 12, 1946.

38. Recoverable Topographic Stations:

Copies of Forms 524 are being submitted for the following:

T-8691
- T 1-N R 2-3-E Section Corner 36, 31, 1, 6, 1946 Willamette Base Line
- T 1-S R 3-E Section Corner 4, 5, 8, 9, 1945
- T 1-N R 3-E Section Corner 19, 20, 29, 30, 1946
- T 1-S R 3-E Section Corner 5, 6, 7, 8, 1945
- T 1-S R 2-3-E Section Corner 1, 6, 7, 12, 1945
- Willamette Base Line R 3-E Section Corner 4,5,32,33, 1945
- Willamette Base Line R 3-E Section Corner 5,6,31,32, 1945

See note on back of Fm. 524

T-8692
- T 1-S R 3-E Section Corner 3, 4, 9, 10, 1945
- T 1-N R 3-E Section Corner 26, 27, 34, 35, 1945
- Willamette Base Line R 3-E Section Corner 3,4,33,34, 1945
- T 1-S R 3-E Section Corner 2,3,10,11, 1945
- N.W. Corner A.C. Dunbar, Donation Land Claim, 1945
- S.E. Corner A.C. Dunbar, Donation Land Claim, 1945
- N.W. Corner N.H. Malloy, Donation Land Claim, 1945
- P.T.S. No. 1, 1910, 1945 (U.S.G.S.) Falls S. of map.
- P.T.S. No. 21,1911, 1945 (U.S.G.S.)
- CUPOLA, CHURCH, 1945

39. Junctions:

Complete and satisfactory junctions have been made between Map Manuscripts Nos. T-8691 and T-8692 and with adjoining map manuscripts.

40. Bench Marks:

Bench marks have been detailed as identified by field inspection units. Each bench mark is indicated by a black acid ink cross with the name and elevation to the nearest 1/10 foot lettered nearby.

44. Comparison with Existing Topographic Surveys:

See record sheet which accompanies each map manuscript.

45. Comparison with Nautical Charts:

There are no nautical charts covering the area of these map manuscripts.

Approved and Forwarded:

Robert A. Earle
Chief of Party

Respectfully submitted:
July 15, 1946

J. Edward Deal, Jr.
Photogrammetric Engineer

FIELD EDIT REPORT
T-8691 and T-8692
Project CS - 322

46. Methods:

These map manuscripts were field edited in accordance with the Field Edit Instructions dated 24 August 1945. All corrections and additions have been made accurately on the field edit prints in colored ink or the place where a correction or addition is to be made has been indicated with a note to refer to the field photograph. All features, which are to be deleted, have been crossed out in colored ink.

New buildings were located either by taping or pacing in the field and are shown on the field edit prints. A legend has been inked on each of these prints which will furnish a key to all symbols and different colored inks used.

47. Adequacy of the Compilation:

The planimetry as delineated on the map manuscripts may be considered as complete and adequate with respect to the corresponding ground detail. It is accurate in regard to relative position, except for the deletions, corrections, additions, and notations made on the field edit prints.

The newly constructed Portland-Birdsdale Airport in T-8691 (8690-8691) and Trohs Skyport in T-8691 and ~~T-8692~~ (T-8692), were located on field photographs by planetable methods. in addition, the drainage, which was not fully field inspected, was completed during the field edit. Although most of this omitted drainage consisted of small ditches, they do form a definite pattern and should be shown in this area of sparse drainage.

In accordance with the field edit instructions, the accuracy and completeness of the map manuscripts in regard to geographic names, boundaries, public land lines, and detail were checked by Mr. C. G. Powers, County Surveyor of Multnomah County, 627 Multnomah County Courthouse, Portland. The geographic names shown on these sheets have been reviewed by Mr. Lewis A. McArthur of Portland.

48. Accuracy Tests:

The results of the horizontal accuracy test on these map manuscripts are attached to the back of this report. For data on the traverse, refer to "Special Report, Third-Order Traverse, Base A (Temp.Sta.),1945 - SUNDER, 1945, Quadrangles T-8691,T-8692, and T-8710, Project CS-322" , which has been submitted. ~~Filed in Library under "G-6785"~~ Filed in Div. Photog. Gen. File "Sp'l. Repts."

These maps are believed to comply with the horizontal accuracy specifications.

49. Bench Mark Elevations:

The elevations of the bench marks indicated on the field edit prints have been checked.

Field Edit Reviewed By:
C. Hanavich
C. Hanavich
Photo. Engr.

Approved By:
R. A. Earle
R. A. Earle
Chief of Party

Field Edit By:
Frank Elrod
F. H. Elrod
Prin. Photo. Aid

Date: May, 1946

HORIZONTAL ACCURACY TEST
Map Manuscripts T-8691 & T-8692
Project CS-322

This test consists of a traverse between Base A (Temp. Sta.),1945 and triangulation station SUNDER,1945. The traverse is 4.8 statute miles in length; the probable error of the traverse is one part in 24,400. There are 25 test points available; 18 of these test points are within the limits of these map manuscripts - 5 of these test points are within T-8691 and the rest are in T-8692. In the tabulation, the geographic position from the traverse computation is referred to as the T.P.No., and the scaled position from the map manuscript (Scale 1:8,000) is referred to as M.M.No.

TABULATION OF TEST POINTS

Description of Point	Test Point Number	Latitude	Longitude	Displacement in mm
		T-8691		
Bench Mark	T.P.B.M.Bal	45 31 298.2	122 27 576.5	
Bal(USC&GS&SS)	M.M.B.M.Bal	45 31 297.6	122 27 576.7	.06
Inter. of T-rd.	T.P.No. 1	45 31 292.3	122 27 942.2	
90 degrees	M.M.No. 1	45 31 292.4	122 27 937.9	.43
Inter. of T-rd.	T.P.No. 2	45 31 291.1	122 27 577.3	
90 degrees	M.M.No. 2	45 31 290.0	122 27 581.6	.44
Inter. of cross rds	T.P.No. 3	45 31 290.1	122 27 310.4	
90 deg.,also Sec.Cor.	M.M.No. 3	45 31 292.0	122 27 307.9	.31
	T.P.No. 4	45 31 289.6	122 27 51.7	
	M.M.No. 4	Private drive - not compiled.		
		T-8692		
Bench Mark	T.P.BM Cay	45 31 284.8	122 26 1208.?	
Cay(USC&GS&SS)	M.M.BM Cay	45 31 284.8	122 26 1206.3	.26
Inter. of T-rd.	T.P.No. 5	45 31 288.6	122 26 1071.0	
85 degrees	M.M.No. 5	45 31 290.0	122 26 1071.0	.14
Inter. of T-rd.	T.P.No. 6	45 31 287.6	122 26 806.9	
90 degrees	M.M.No. 6	45 31 289.6	122 26 809.5	.33
	T.P.No. 7	45 31 286.0	122 26 120.5	
	M.M.No. 7	Field road - not compiled.		
Inter.of cross rds	T.P.No.Mon.	45 31 285.8	122 25 1243.9	
90 degrees	M.M.No.Mon.	45 31 288.5	122 25 1244.9	.29
	T.P.No. 8	45 31 285.0	122 25 809.6	
	M.M.No. 8	Private drive - not compiled.		
Inter, of T-rd.	T.P.No. 9	45 31 284.3	122 25 439.8	
85 degrees	M.M.No. 9	45 31 286.5	122 25 436.8	.37

Description of Point	Test Point Number	Latitude	Longitude	Displacement in mm
T-8692 continued				
Inter. of T-rd.	T.P.No.10	45 31 284.0	122 25 259.8	
90 degrees	M.M.No.10	45 31 284.9	122 25 257.4	.26
Center of Bldg.	T.P.No.11	45 31 251.6	122 24 1198.7	
T.P.	M.M.No.11	45 31 250.8	122 24 1196.7	.21
Inter. of T-rd.	T.P.No.12	45 31 283.4	122 24 934.4	
90 degrees	M.M.No.12	45 31 283.6	122 24 933.9	.15
Inter. of T-rd.	T.P.Near X213	45 31 283.2	122 24 880.8	
90 degrees	M.M.Near X213	45 31 283.2	122 24 881.3	.05
Bench Mark	T.P.BM X213	45 31 291.2	122 24 879.3	
X213(USC&GS&SS)	M.M.BM X213	45 31 290.1	122 24 882.2	.31
Inter. of T-rd.	T.P.No.13	45 31 282.7	122 24 341.9	
90 degrees	M.M.No.13	45 31 283.7	122 24 340.6	.16

Test points No.4, No. 7, and No.8 were not scaled inasmuch as these points were established at the intersection of a highway and private drive or field road, which were not compiled.

Test points BM Bal, BM Cay, BM X213, and No. 11 constitute less well defined points; the remaining test points are well defined.

All the points were found to test well within the accuracy requirements.

Approved By:

R.A.Earle
Chief of Party

Respectfully Submitted:

C.Hanavich
Photo. Engr.

78.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

POST-OFFICE ADDRESS: c/o Swan Island Postal Station
Portland 18, Oregon

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

August 26, 1946

To: Chief, Division of Photogrammetry
U.S. Coast and Geodetic Survey
Washington, D. C.

From: Lt. Comdr. Robert A. Earle

Subject: Review of Map Manuscript T-8692, Project CS-322.

Reference: Your Letter 78-ld dated 16 August 1946, and Attached Review Report.

In accordance with data in the above reference, a further study has been made of the boundary line of the town of Fairview, Oregon, and information on same is submitted below.

An explanation of the reason for these discrepancies is as follows: As there was no city map for the town of Fairview, Mr. Ira P. Brooks, a former mayor of Fairview, accompanied the field inspection party and showed them what town officials assumed to be the actual limits. When a print of the manuscript was reviewed by County officials in the Assessor's Office, they claimed that the delineation of the boundary line was incorrect and they indicated the actual boundary on this print. This office was in error in that we failed to apply these corrections to Photograph 740.

When your letter was received, we requested that an engineer from the County Assessor's Office accompany a field man to this town in order that both town and county officials could agree on the actual boundaries. This was done and the county officials also obtained a copy of the document pertaining to the original incorporated limits. The actual limits as delineated on the map manuscript were found to be correct with the exception of the note lettered along U.S. Highway 30 which should be "City Boundary follows south line (not center line) of road". In order to clarify this point, the city limits were delineated in purple on the ozalid print and both city and county officials have verified this purple line as being correct. This print is being returned. The U.S.G.S. quadrangle was obviously in error concerning the boundaries of this town.

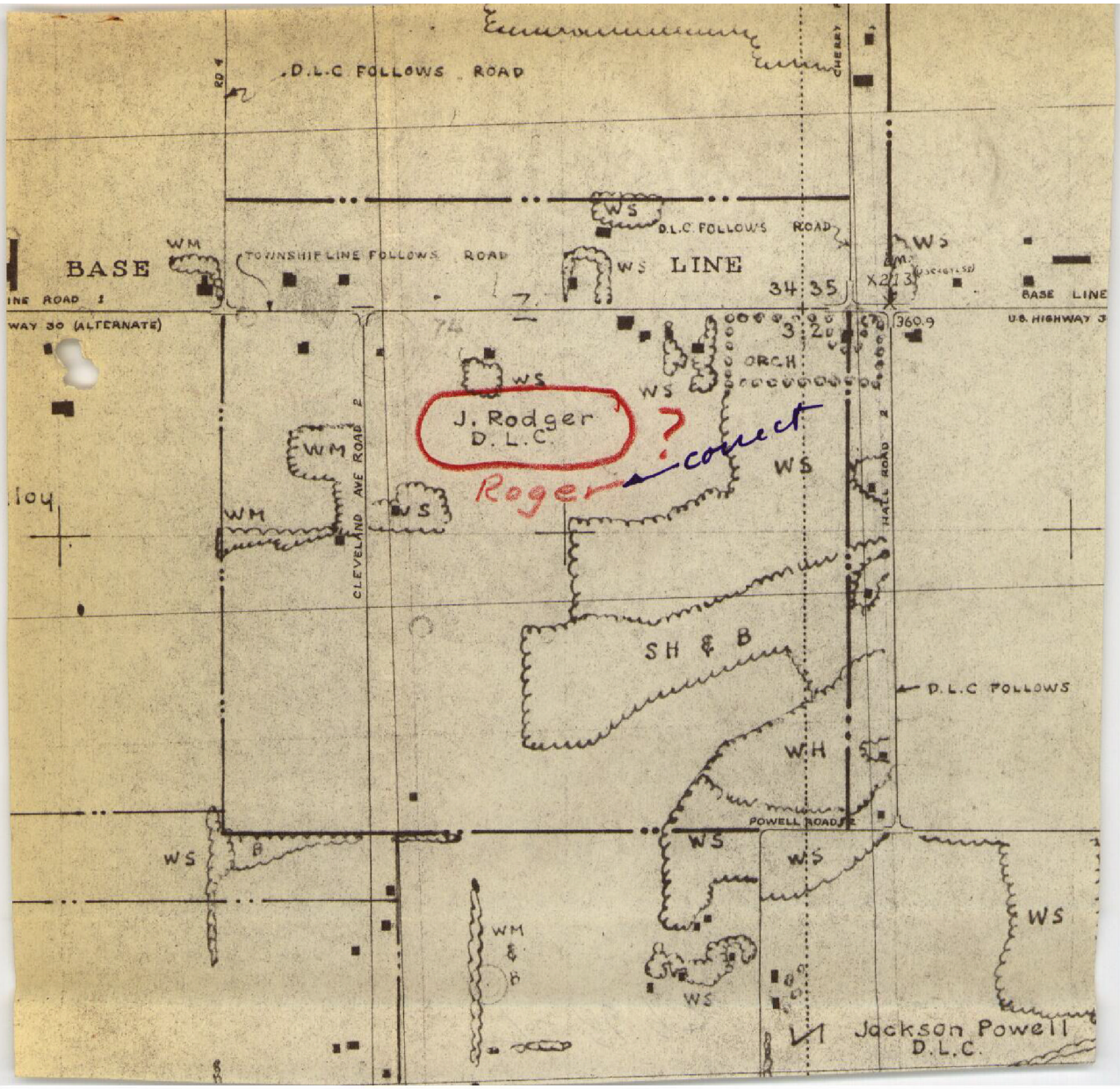
Make this part of the
desc. report or file in
the desc. report envelope after
making the corrections RAE

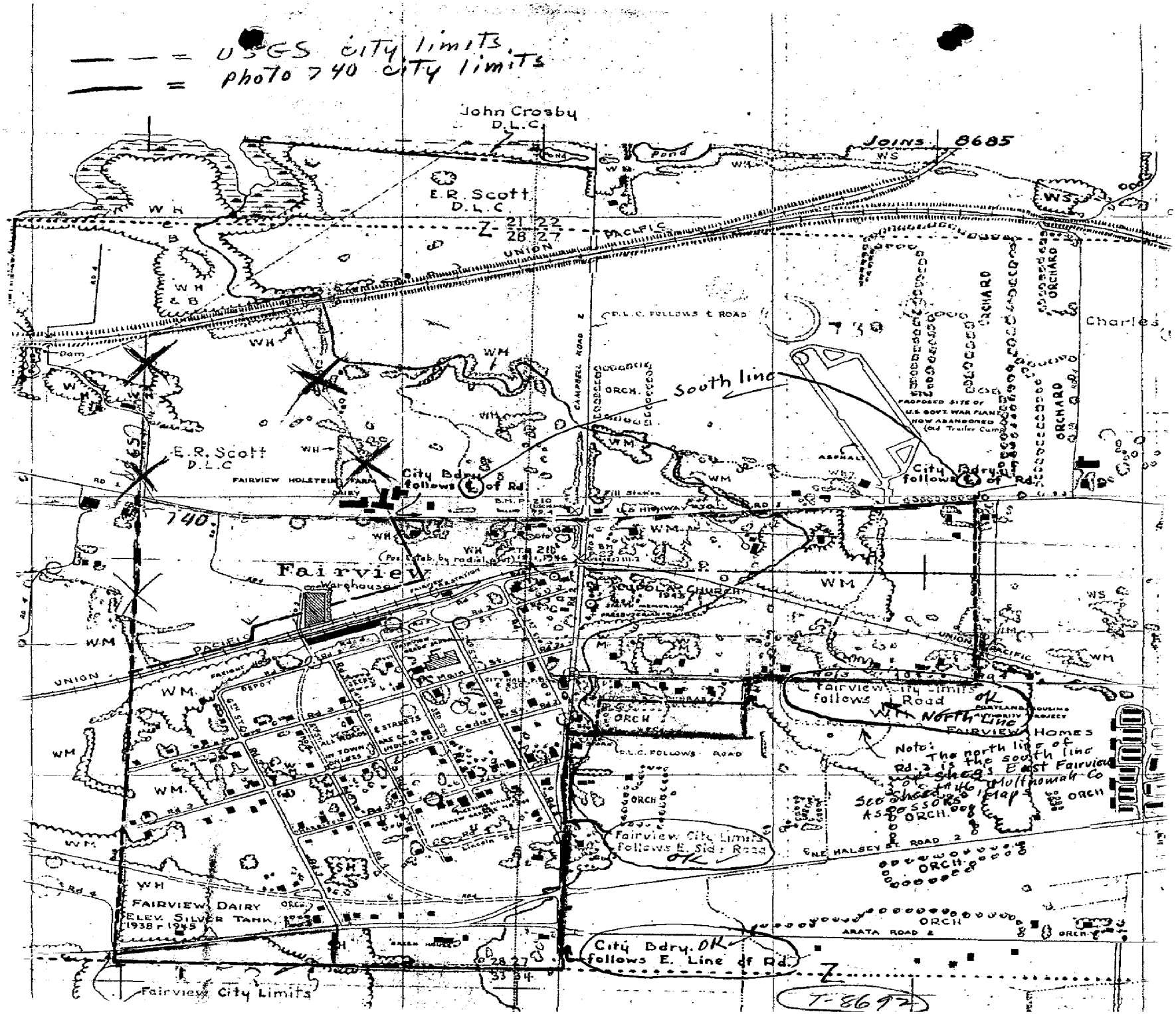
Augsut 26, 1946

With regard to the second paragraph of the above reference, the name, Roger, is correct and the name, Rodger, as shown on the map manuscript, is incorrect.

Robert A. Earle
Lt. Comdr. U.S.C. & G. Survey
Chief of Party

RAE:du


D.L.C FOLLOWS ROAD
RD 4
CHERRY
WS
D.L.C. FOLLOWS ROAD
WM
TOWNSHIP LINE FOLLOWS ROAD
BASE
LINE
WS
34 35
X213
BASE LINE
INE ROAD 1
WAY 30 (ALTERNATE)
360.9
U.S. HIGHWAY 3
3 20
ORCH
WS
J. Rodger
D. L. C.
?
Roger
correct
WM
WS
CLEVELAND AVE ROAD 2
HALL ROAD 2
WM
WS
SH & B
D.L.C FOLLOWS
WH
POWELL ROAD 2
WS
B
WS
WS
WS
WM
&
B
WS
Jackson Powell
D.L.C.



USGS city limits
photo 740 city limits
John Crosby D.L.C.
JOINS 8685
E.R. Scott D.L.C.
UNION PACIFIC
Charles
South line
E.R. Scott D.L.C.
FAIRVIEW HOLSTEIN FARM DAIRY
City Bdry. follows ℄ of Rd.
740
Fairview
Warehouse
CUPOLA CHURCH 1945
Fairview City Limits follows Road
North Line
FAIRVIEW HOMES
Note: The north line of Rd. 3 is the south line of Shea's East Fairview Sheet #46 Multnomah Co Assessors Maps
See Sheet #46 Maps
Fairview City Limits follows E. Side Road
FAIRVIEW DAIRY ELEV. SILVER TANK 1938 r 1945
City Bdry. follows E. Line of Rd.
Fairview City Limits
T-8692

GEOGRAPHIC NAMES

Survey No. T-8691-8692

1 Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
Both sheets:										
Oregon								USGB		1
Multnomah County										2
Union Pacific										3
U.S. No. 30	(Columbia River Highway)									4
U.S. No. 30 Alt.	(Base Line Road)									5
~~Portland Electric Power Company~~ Portland Traction Company			(electric railway)							6
Portland-Birdsdale Airport										7
Willamette Base Line										8
										9
T-8691:										10
Gresham	(small section of)									11
Grant Butte										12
Lynch School	(District No. 28)									13
Ruby										14
Base Line	(locality)									15
Rockwood										16
Wilkes School	(District No. 7)									17
Trohs ~~Skyport~~ Airport	(small, near Grant Butte) ~~[illegible] T-8691-2 and manuscript T-8690)~~									18
Wynne Watts School	(District No. 30)									19
Multnomah-Clackamas Game Refuge										20
Trohs Skyport	(mostly on T-8690)									21
T-8692:										22
Troutdale Airport										23
Kelley Creek	(not Kelly)									24
Gresham										25
Multnomah County Fair Grounds										26
Twelvemile Corner										27

M 234

GEOGRAPHIC NAMES

Survey No. T-8691-92

	2 Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
1	Multnomah County Farm										1
2	Fairview										2
3	Fairview Lake										3
4	Wood Village		(res. sec.)								4
5	Fairview Homes		"	"							5
6											6
7											7
8											8
9											9
10											10
11											11
12											12
13											13
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21											21
22											22
23											23
24											24
25											25
26											26
27											27

Names submitted in red approved by L. Heck on 10/29/46

M 234

Division of Photogrammetry

Review Report of

Planimetric Survey, Manuscript T-8691

Paragraph numbers not used in this review have been adequately covered in other parts of this report.

26. Control.-

See "Special Report - 3rd Order Traverse" in the descriptive report for T-8710.

44. Comparison with Existing Topographic Quadrangles.-

A comparison with U.S.G.S. Camas Quadrangle, 1:62,500, 1942-46, shows good agreement in comparable details, except:

1. Cultural changes are numerous.

2. (a) Section lines which coincide with Section Line Road (T 1 S, R 3 E) do not form a straight line on the map manuscript, as on the quadrangle. Since the three section corners along this road were monumented and recovered, the map manuscript line is accepted as correct.

(b) The line between Ts 1 N & S, Rs 2-3 E does not conform to the same line on the Camas Quadrangle. Two monuments were recovered along the southern half of this line. Local usage places the line in the northern half of the map manuscript along the center line of a road which is not a straight-line extension of the line in the southern half of the map. This causes the Township line between Ranges 2 & 3 to differ from the line on the Camas Quadrangle.

The Land Office says that, since the change in this line does not affect Federal Lands, local usage is accepted as an establishment of the line. Therefore, the map manuscript township line has not been altered to conform to the U.S.G.S. Camas Quadrangle.

T-8691 supersedes the Camas Quadrangle in their common areas.

49. Donation Land Claim Lines.-

Assessment maps Nos. 37, 38, 39, 42, 43, 44 and Land Office plats were used to check Donation Land Claim boundaries.

Two alterations were made:

1. In T. 1 S., R. 3 E., Sect. 8, the northern boundary of the Linneman claim was deleted because it lies south of the southern limit of this map manuscript area. (Assessment map No. 42.)

2. In T. 1 S., R. 2 E, Sect. 12, the F. Elliot claim boundary was moved westward to coincide with S.E. 160th Ave. and Trohs Skyport eastern boundary. (Assessment map No. 39.)

50. Geographic Names.-

In T. 1 S., R. 3 S., Sect. 6, Buckley Sch. on Camas Quadrangle is called Lynch Sch. Dist. No. 28 on the map manuscript T-8691.

Reviewed by:

L. Stevens per M.G.M.
Photogrammetrist 9/20/46

Reviewed under the direction of:

A.V. Griffith per M.G.M.
Chief, Review Section

APPROVED BY:

O.S. Jones 11/47
Technical Assistant to the Chief, Div. of Photogrammetry

H.C. Titus
Chief, Nautical Chart Branch Division of Charts

K.T. Adams
Chief, Div. of Photogrammetry

C.K. Green
Chief, Div. of Coastal Surveys

Division of Photogrammetry

Review Report of

Planimetric Survey, Manuscript No. T-8692

Paragraph numbers not used in this review have been adequately covered in other parts of this report.

26. Control.-

See "Special Report - 3rd-Order Traverse" in the descriptive report for T-8710.

Re: Fairview Dairy Tank, 1938; r. 1945.

Statement on form 526: "The tank which is located at this point is clearly labeled "Fairview Waterworks". As there is no elevated tank at the Fairview Farms Dairy, it is recommended that the name of this tank be changed to "Tank, silver, Fairview Waterworks, 1938." This change was made on the map manuscript with the approval of the Division of Geodesy, whose records are changed accordingly.

New (1945) stations falling on this map manuscript:

Cupola, Yellow Barn
Tank, County Farm

28 and 29. Detailing and Supplemental Data.-

Several matters of minor importance were noted on a print of the map manuscript and referred to the Portland Photogrammetric Office for clarification. The letter of reply and a sketch showing the correction of a boundary dispute are attached to this report.

44. Comparison with Existing Topographic Quadrangles.-

A comparison with U.S.G.S. Camas Quadrangle, 1:62,500, 1942-46 shows good agreement in comparable detail, with the exception of the northern boundary of Fairview. The map manuscript T-8692 shows much additional recent construction, so that the Camas Quadrangle has become obsolete.

49. Donation Land Claim Lines.-

Donation Land Claim lines on the map manuscript have been compared with the lines shown on General Land Office plats and assessment maps and are in reasonable agreement. There are three Donation Land Claim monuments falling within the limits of the map manuscript.

Reviewed by:

L. Stevens per MGM
Photogrammetrist

Reviewed under the direction of:

D.D. Griffith per MGM
Chief, Review Section

APPROVED BY:

B.J. Jones 11/47
Technical Assistant to the
Chief, Div. of Photogrammetry

Chief, Nautical Chart Branch
Division of Charts

K.T. Adams
Chief, Div. of Photogrammetry

E.F. Green
Chief, Div. of Coastal Surveys

NOTICE OF CHANGE OF BOUNDARY GRESHAM, OREGON, AUGUST 20, 1946.

T-8492

All that part of the northeast quarter of Section 9, Township 1 South of Range 3 East of the Willamette Meridian, Multnomah County, Oregon, lying and being South of the North line of said Northeast quarter of said Section 9, now outside the corporate limits of the City of Gresham, Multnomah County, Oregon.

NAUTICAL CHARTS BRANCH

T-8691

SURVEY NO. T-8691

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
23 Aug 50	6156	Nichols	~~Before~~ After Verification and Review
			Complete application
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

T-8692

NOTICE OF CHANGE OF BOUNDARY GRESHAM, OREGON, AUGUST 20, 1946.

All that part of the northeast quarter of Section 9, Township 1 South of Range 3 East of the Willamette Meridian, Multnomah County, Oregon, lying and being South of the North line of said Northeast quarter of said Section 9, now outside the corporate limits of the City of Gresham, Multnomah County, Oregon.