

THE CITY OF
PORTLAND



OREGON

DEPARTMENT OF
PUBLIC WORKS

MIKE LINDBERG
COMMISSIONER

OFFICE OF
PUBLIC WORKS
ADMINISTRATOR

621 S.W. ALDER
PORTLAND, OR 97205

File

Holgate

November 10, 1980

Southern Pacific Transportation Company
Room 215, Union Station
800 N.W. 6th Avenue
Portland, Oregon 97209

Northwest Natural Gas Company
123 N.W. Flanders Street
Portland, Oregon 97209

Pacific Northwest Bell Telephone Company
825 NE 20th Avenue, Room 302
Portland, Oregon 97213

Portland General Electric Company
3700 S.E. 17th Avenue
Portland, Oregon 97202

City of Portland
Bureau of Water Works
Bureau of Traffic Engineering
Bureau of Streetlighting

Subject: S.E. 17th to S.E. 28th (Holgate Boulevard)
Preconstruction Conference

Gentlemen:

On November 21, 1980 at 9:00 a.m. in the offices of the Oregon Department of Transportation at 9002 S.E. McLoughlin Boulevard, Milwaukie, Oregon, the preconstruction conference will be held.

A member of your organization, that is familiar with the project and how it will affect your facilities, should be present.

If you have any questions, please contact me at 248-4108.

Very truly yours,

Steven L. Barrett

Steven L. Barrett, P.E.
Assistant Engineer, S.E. Holgate Blvd.

RECEIVED

NOV 12 1980

SLB:jw

BUREAU OF
TRAFFIC ENGINEERING

cc: Jerry Street, Project Monitor
Oregon Department of Transportation

Rec'd

11-26-80

to LATE to attend

*Bill
please call
and find out
what we missed
and need to know*

Holgate

May 28, 1980

Mr. J.T. Spathas, Principal
Marysville School
7733 S.E. Raymond St.
Portland, OR 97266


Dear Mr. Spathas,

On February 28, 1980 this Bureau reviewed a letter from you indicating that the P.T.A. Board and Marysville Advisory Board had recommended the temporary installation of overhead interior illuminated flashing school crossing signs at S.E. 78th and Holgate.

We deferred action on this matter pending a response from the Foster-Powell Neighborhood Association. As yet we haven't received any response from them. You recently indicated to Bill Stark of this office that the neighborhood association had approved the concept of installing a flasher in lieu of a pedestrian signal with the understanding that this would not change the ranking of this crossing on the city-wide push-button signal list.

Based on this information, we will proceed with the preparation of engineering drawings in order to install the flashers in time for school this fall.

Sincerely,


Richard C. Speer
Assistant City Traffic Engineer

RES/MES/as

cc: Betty R. Poulen
Portland Public Schools
220 N.E. Beech St.
Portland, OR 97212

Doris Tait, Chairperson
Foster-Powell Neighborhood Assn.
3829 S.E. 76th Ave.
Portland, OR 97206

Jim Wilson, Senior Signal Engineer



PORTLAND PUBLIC SCHOOLS

7733 Southeast Raymond / Portland, Oregon 97206

Phone: (503) 771-2262 / 771-1507

MARYSVILLE SCHOOL

Office Of The Principal

STAKE

To: M. J. Martini
Sr. Traffic Engineer

From: J.T. Spathas, Principal
Andrea Wolfe, Marysville Advisory Chairman
Judi Gardiner, P.T.A. President

RE: Pedestrian push button signal on S.E. Holgate at
78th Avenue and temporary installation of overhead
crosswalk flasher.

Our P.T.A. Board and Marysville Advisory Board recommend the
temporary installation of overhead "interior illuminated
flashing school crossing signs" at the S.E. 78th and Holgate
location.

As per your letter, we understand that the installation of the
temporary flashing signs will not change the ranking of this
crossing on the city-wide push-button signal request list.

eg

cc: Betty Polen, P.P.S.

RECEIVED
FEB 28 1980
BUREAU OF
TRAFFIC ENGINEERING

Holgate

January 7, 1980

Ms. Helen Architect
3929 S.E. Evergreen St.
Portland, Oregon 97202

Dear Ms. Architect:

You expressed your desire for a left turn signal for Holgate Blvd. traffic at S.E. 82nd Ave.

Each year this bureau reviews traffic conditions at signalized intersections on heavily traveled arterials to determine whether additional controls such as left turn signals are warranted. There are several intersections along 82nd Ave. which are being considered for future installations of left turn signals for east-west traffic.

Foster Road and 82nd Ave. is presently scheduled for a left turn signal. Division St. was the highest accident intersection in the City in 1978 and has a much higher priority for left turn signals than Holgate.

Holgate should have five lanes similar to Powell Blvd. before a left turn signal is installed. In order to provide the additional lane, right of way needs to be acquired.

The Portland Planning Bureau has completed a study of S.E. 82nd Ave. within the City. This study, among other things, recommends that a separate left turn lane be installed on Holgate without a left turn signal. The Planning Commission has scheduled a hearing on the recommended actions for 82nd Ave., Tuesday, February 12, 1980 at the Madison High School

Tr 8569

Holgate Blvd.
January 7, 1989
Page 2

CAFÉtaria, 2735 N.E. 82nd Ave., beginning at 7:00 P.M.
This hearing is for public input and we invite you to attend.
You can make any statements you wish on this or any other
item on the 82nd Ave. study.

Sincerely,

M. J. Martini
Sr. Traffic Engineer

MJM:WES:mc

Holgate
3929 SE. Elmer Street
ST

Portland, Ore

Dear Mr Bergstrom,
I READ THE "LEFT-TURN"
NEWS IN SUNDAYS PAPER.
I HOPE HOLGATE AT
82ND (EAST-WEST) IS BEING
CONSIDERED.

I USE HOLGATE TO COME
FROM 92ND ST. (NOW THAT
POWELL HAS A LEFT-
TURN I PLAN TO USE THAT)
I HAVE SEEN SIX CARS
TRYING TO MAKE A LEFT
TURN. TWO LIGHTS LATER,
THE 6TH CAR MAKES IT.
MANY TIMES THE TURNS
ARE MADE AFTER THE LIGHT
TURNS RED - MOST DRIVERS
ON 82ND SEEM TO KNOW
THE SITUATION - THE
TRAGEDY WILL COME WHEN
SOME DRIVER IS IGNORANT.
IN EASTPORT SHOPPING
CENTER, ONE MUST

DRIVE CLEAR ACROSS
THE CENTER TO ENTER
82ND ON A LIGHT WHERE
TRAFFIC IS LIGHT.

THE LEFT-TURNS ARE
THE VERY BEST THING
THAT'S HAPPENED TO OUR
TRAFFIC-FLOW —
KEEP THEM COMING!

Sincerely
Selen Archutich
3929 S.E. Evergreen St
Portland, Oregon

RECEIVED

AUG 15 1979

BUREAU OF
TRAFFIC ENGINEERING

THE CITY OF
PORTLAND



OREGON

File →

STR
Holgate

January 2, 1980

OFFICE OF
PLANNING &
DEVELOPMENT

COWLES MALLORY
ADMINISTRATOR

1220 S.W. FIFTH AVE.
PORTLAND, OR 97204
(503) 248-4579

5350

MEMORANDUM

TO: DICK SPEER
BUREAU OF TRAFFIC ENGINEERING

FROM: CHUCK OLSON,
DIRECTOR, HCD PROGRAM *chw*

SUBJECT: PEDESTRIAN SIGNAL AT SE 88TH & HOLGATE

Regarding your December 24, 1979 memo, we will budget HCD funds for a pedestrian signal at SE 88th & Holgate for Fiscal Year 80/81.

CEO:aw

Barbara Medsger

RECEIVED

JAN 3 1980

BUREAU OF
TRAFFIC ENGINEERING

Copy to: MJM, JKW, STRK, DEB, CJM

THE CITY OF
PORTLAND

May 27, 1980



MARIO MARTINI
BUREAU OF TRAFFIC ENGINEERING

Dear Sir:

OREGON

DEPARTMENT OF
PUBLIC WORKS

MIKE LINDBERG
COMMISSIONER

OFFICE OF
PUBLIC WORKS
ADMINISTRATOR

621 S.W. ALDER
PORTLAND, OR 97205

The City of Portland and the State of Oregon have planned to reconstruct the bridge on SE Holgate Boulevard over the Southern Pacific Transportation Company's Brooklyn Railroad Yard and in conjunction with this, reconstruct and widen SE Holgate Boulevard from SE 17th Avenue to SE 28th Avenue.

Because of the need to accommodate bicycle and pedestrian users of the sidewalk area in these reconstructed or widened parts of Holgate Boulevard, considerable concern has been generated over limited clearance between utility poles and the back of sidewalks. At the present time clearances vary between 4.5 and 3.5 feet. Since it is the policy of the City and of the State and Federal agencies funding this project to ensure a reasonably safe environment for the traveling public by providing road-sides as free from physical obstructions as practical, and to avoid aerial installations unless there is no feasible and prudent alternative, we are asking that every effort be made to remove, or at least minimize the number of poles in the sidewalk area.

Since the issue has a high priority, a preliminary reply identifying possible pole relocations or justifying existing pole locations, is requested by June 20, 1980. If no action is taken by then, it will be assumed that you have agreed to remove all sidewalk obstructions under your jurisdiction on both the north and south side of SE Holgate Boulevard from SE 17th Avenue to SE 28th Avenue and changes made on the contract plans will be made accordingly. It should be noted that the back of the sidewalk is the right-of-way line and the sidewalk is 7 feet wide. Minimum pole set-back from face of curb is 1.5 feet and minimum acceptable clear sidewalk is 5.0 feet.

While the bid letting date is currently set for January 1981, this issue must be resolved well in advance to facilitate plan changes and to initiate the required relocations. If you have any questions, please contact me at 248-4108.

Sincerely,

Steven L. Barrett

Steven L. Barrett PE
Project Manager
Bureau of Street and Structural Engineering

SLB:mmc

cc: John Lang
David Vargas
Ralph Tashima
Jan Schaeffer
Lloyd Miller

6/13/80

Note: Informed Barrett's office that signal poles will go in back of walk to leave 5' clearance between face of curb and poles. Don Barlett says this can be accomplished WEL

RECEIVED

JUN 2 1980

BUREAU OF
TRAFFIC ENGINEERING

TR. 9498

Holgate

June 13, 1980

MEMORANDUM:

TO: Dale Pestes, Water Bureau
FROM: M. J. Martini, Bureau of Traffic Engineering
SUBJECT: Specs for S. E. Feeder Main, Holgate Blvd.

We have reviewed your preliminary traffic control specs for the Holgate Feeder Main and offer the following comments:

Two-way traffic shall be provided on Holgate during peak hours, 7 a.m. - 8 a.m. and 4:30 p.m.-6 p.m.

Under street crossings, add SE 92nd Avenue and change 132nd Avenue to 136th Avenue.

WES:jjp

STARK

OFFICE MEMORANDUM

Write It — Don't Say It

TO:

1. *M. J. Martini*

2.

3.

SUBJECT:

- ☒ Your Information
☐ Please Reply
☐ See Me
☐ Prepare Report
☒ Please Comment
☐ Per Your Request
☐ Investigate
☐ Initial and Forward
☐ Return by:
- ☐ For Necessary Attention

Attached are proposed specs for traffic control for an upcoming 66" ϕ pipeline job in S.E. Holgate Blvd. between 67th & 136th.

Please review and comment as soon as possible.

First 2 pages will be in our contract documents.

Last 3 pages are applicable portions of our Standard City Specs.

FROM:

*Dale Pestes**Water Engineers*

Date

6/10

Phone

5329

PRELIMINARY

S.E. FEEDER MAIN

From S.E. 67th & Holgate
to East of S.E. 136th & Holgate

PROPOSED SPECIFICATIONS FOR TEMPORARY TRAFFIC CONTROL

Description

This section covers, but is not limited to, all work necessary to conduct construction operations in a manner that offers the least possible obstruction and inconvenience to the public, and to protect pedestrian and vehicular traffic.

The City of Portland has jurisdiction from S.E. 67th & Holgate to S.E. 102nd & Holgate. Multnomah County has jurisdiction from S.E. 102nd & Holgate to east of S.E. 136th & Holgate.

Materials and Construction

Refer to Standard Specifications Sections 105.16 and 202, and to the Plans.

Maintain the approved traffic control devices at all times including non-working hours. Contact Multnomah County Traffic Engineer or the City of Portland Traffic Engineer, depending on location, for any adjustments to existing traffic signals, signs or other traffic control devices.

Maintain traffic as follows:

S.E. Holgate Boulevard:

Maintain one-way traffic on S.E. Holgate Blvd. when construction work is in progress, and provide ~~two-way traffic~~ *two-way traffic* at night or when work is not in progress. *7AM to 8AM, 4:30PM to 6PM*

The need for closure of sections of S.E. Holgate Blvd. may be considered on an individual basis.

Maximum length of construction operations at any one time shall be 500 feet, as specified elsewhere herein.

Pave behind the construction to restore the street area to full use to vehicular and pedestrian traffic in accordance with Standard Specifications Section 204.3.14A, except substitute the word "water" for "sewer" in this section.

Submit a complete signing plan for semi-permanent and portable signs, barricades, and other traffic controls, and for provisions to keep the signs or devices current with the construction activities, to Multnomah County and to the City of Portland for approval, and submit the approved plan to the engineer prior to beginning any work in county or City roadways. Signing plans shall be drawn on 22-inch by 34-inch drafting paper and shall be prepared by an experienced traffic control technician or engineer. Signing plans shall conform to the Manual on Uniform Traffic Control Devices, published by the U.S. Department of Transportation. Illuminate all detours and obstructions during hours of darkness.

Further permit requirements and restrictions may be imposed by Multnomah County.

Street Crossings:

*Insert
SE 92ND AVE →*

- S.E. 67th Avenue
- S.E. 72nd Avenue
- S.E. 82nd Avenue (bored casing required)
- S.E. 104th Avenue
- S.E. 111th Avenue
- S.E. 112th Avenue
- S.E. 122nd Avenue (2-way traffic at all times, each way)
- S.E. ~~132nd~~ ^{136th} Avenue

nine

Submit a complete time schedule, method of approach, and traffic control plan to Multnomah County or the City of Portland, depending on location, for approval, and submit the approved plan to the Engineer prior to beginning any construction on the eight street crossings stated above. Formulate a work plan to minimize the time that traffic will be disrupted.

nine

Maintain a minimum of two lanes of traffic, one in each direction, on all eight of these intersecting streets except that short-term restrictions of traffic to one lane may be considered. Such a restriction would only be allowed during non-peak hours or weekends. Illuminate all obstructions during hours of darkness. Have all materials, manpower and equipment on hand before beginning construction on any of these street crossings.

Further permit requirements and restrictions may be imposed by Multnomah County.

Payment

The cost of temporary traffic control shall be considered incidental to the entire project, and no separate payment will be made for this work.

contained in any of the documents comprising the Contract. Any such verbal agreement or conversation shall be considered as unofficial information and in no way binding upon Owner.

105.15 DUST CONTROL

During all phases of the construction work, and when directed, take precautions to abate dust nuisance by cleaning up, sweeping, sprinkling with water, or other means as necessary to accomplish the suppression of dust, at no expense to Owner.

105.16 TEMPORARY TRAFFIC CONTROL

Provide and be responsible at all times for such flagpersons, signs and other devices not otherwise specified to be furnished by the Owner in conformance with Section 202.

Upon failure to immediately provide the necessary flagpersons, or to provide, erect, maintain, and remove barricades, lights and standard signs when so ordered, Engineer shall be at liberty, without further notice to Contractor or his Surety, to do so and deduct all of the costs thereof from any payments due or coming due to Contractor.

105.17 REMOVAL OF DEFECTIVE OR UNAUTHORIZED WORK

All work which does not conform to the requirements of the Contract shall be considered as unacceptable.

Immediately remove unacceptable and defective work found to exist prior to acceptance of or final payment for the work. Replace by work and materials which conform to the Contract Documents, or remedy otherwise in an approved manner. This provision shall have full effect regardless of the fact that the unacceptable work may have been done or the defective materials used with the full knowledge of the Inspector.

Do not work without lines and grades having been given by the Engineer. Work done contrary to or regardless of the instructions of the Engineer, work done beyond the lines shown or as directed, except as herein provided, or any Extra Work done without authority, will be considered as unauthorized and will not be paid for under the provisions of the Contract. Work so done may be ordered removed or replaced at no expense to Owner.

In the event any defect in work is of a minor nature and the Engineer determines that it is not of such consequence as to result in a dangerous and undesirable condition, or that the removal of such work would create a dangerous or undesirable condition, the Owner shall have the right to retain such work and make such deductions in the payment therefor as determined reasonable and in the public interest. Such determination by Owner shall be final.

105.18 RESTORATION AND CLEANUP

Periodically, or as directed by the Engineer, as the work progresses, and immediately after completion of the work, clean up and remove all refuse, debris, equipment and unused materials of any kind resulting from the work. Upon failure to do so within twenty-four hours after directed, the work may be done by Owner or third party and the cost thereof be deducted from any payment due Contractor.

As a condition precedent to final acceptance of the project, remove all equipment and temporary structures, and all rubbish, waste and generally clean up the right-of-way and premises to conform substantially to conditions as they existed before the commencement of work, as approved.

Refer to Section 208, RESTORATION AND CLEANUP, for additional requirements.

105.19 FINAL INSPECTION

When all construction work on the project is complete and all Extra Work bills, forms and documents required under the Contract are submitted, notify the Engineer in writing. Engineer will make an inspection of the project and project records within fifteen (15) days of receiving said notice. If, at such inspection, all construction provided for and ordered under the Contract is found completed and satisfactory and all certificates, bills, forms and documents have been properly submitted, such inspection shall constitute final inspection.

If work is found unsatisfactory, or if all certificates, bills, forms and documents have not been properly submitted, the Engineer will so notify the Contractor. After corrections are made, or all certificates, bills, forms or documents are properly submitted, notify the Engineer in writing. Engineer will make another inspection within fifteen (15) days after such notice, and if all work is satisfactory, then this inspection shall constitute the final inspection.

106 CONTROL OF MATERIALS

106.01 PREFERENCE FOR USE OF OREGON PRODUCTS

Preference may be given to services, articles or materials produced or manufactured in Oregon, if price, fitness, availability and quality are otherwise equal. These provisions do not apply to Contracts on projects financed wholly or in part by Federal funds.

106.02 QUALITY OF MATERIALS

Use only new materials, parts, products and equipment in the work which conform to specified requirements, with certain salvage exceptions contained in Subsection 206.3.02. Materials and products

DIVISION 2 - GENERAL TECHNICAL REQUIREMENTS

201 MOBILIZATION

201.1.00 DESCRIPTION

This section covers, but is not limited to, work necessary to move in personnel and equipment; set up all offices, buildings, and facilities; and prepare for construction, complete.

201.2.00 MATERIALS

Provide all materials required to accomplish the work as specified.

201.3.00 CONSTRUCTION

201.3.01 GENERAL

Set up construction facilities in a neat and orderly manner within designated or approved work area. Supply all labor and equipment necessary to accomplish the work as specified. Conform to applicable requirements of Section 105 of GENERAL REQUIREMENTS, including, but not limited to, (1) required notifications, (2) protection of surveying monuments and other markers, (3) temporary traffic control, (4) temporary utility connections, (5) protection of property, and (6) dust control.

201.4.00 MEASUREMENT AND PAYMENT

201.4.01 LUMP SUM BASIS

When listed in the Proposal as a separate pay item, payment for Mobilization will be made on a lump sum basis.

Amounts to be allowed for Mobilization in the partial payment to be made under the Contract will be as follows:

1. When 5 percent of the total original contract amount is earned from other bid items, 50 percent of the amount bid for Mobilization, or 5 percent of the total original contract amount, whichever is least, less normal retainage, will be paid.
2. When 10 percent of the total original contract amount is earned from other bid items, 100 percent of the amount bid for Mobilization, or 10 percent of the total original contract amount, whichever is least, less normal retainage, will be paid.
3. Upon completion of all work on the project, payment of any amount bid for Mobilization in excess of 10 percent of the total original contract amount will be paid.

The above schedule of partial payments for Mobilization shall not be construed to limit or preclude partial payments otherwise provided by the Contract.

201.4.02 INCIDENTAL BASIS

When not listed in the Proposal, all Mobilization costs will be considered incidental work for which no separate payment will be made.

202 TEMPORARY TRAFFIC CONTROL

202.1.00 DESCRIPTION

This section covers all work necessary to conduct construction operations so as to offer the least possible obstruction and inconvenience to the public and to protect pedestrian and vehicular traffic, complete.

Additional Traffic Control provisions are contained in Section 105 of the GENERAL REQUIREMENTS.

202.2.00 MATERIALS

202.2.01 UNIFORM TRAFFIC CONTROL DEVICES

Provide barricades, signs and traffic control devices built in conformance with the Manual on Uniform Traffic Control Devices, published by the U.S. Department of Transportation.

202.3.00 CONSTRUCTION

202.3.01 GENERAL

Use flagpersons and provide and maintain such signs, barricades, warning lights and other traffic control devices in conformance with the Traffic Control Manual of the Metropolitan Utility Coordinating Council of Portland, Oregon. Adequately warn the public at all times of existing conditions on all streets affected by work operation.

Patrol and traffic-control area and reset all disturbed signs and traffic-control devices immediately. Remove or cover nonapplicable signs during periods not needed, as approved. Prior to closing

or partial closing of any street, conform to Subsection 105.05 NOTIFICATIONS RELATIVE TO CONTRACTOR'S ACTIVITIES.

202.3.02 TRAFFIC CONTROL WITHIN THE PROJECT

Obtain approval of traffic control plan from Engineer prior to commencing work. When necessary, allow traffic to pass through the work with as little inconvenience and delay as possible.

Provide approved access to private properties at all times, except during urgent stages of construction when it is impractical to perform construction and maintain access to private property simultaneously. When access is to be denied, give occupants of affected properties at least 24 hours prior notice.

When, in the judgment of the Engineer, vehicular parking is a hazard to through traffic or to the work, furnish and place NO PARKING signs on any street which is directly involved in the construction work.

202.3.03 CONSTRUCTION AND MAINTENANCE OF DETOURS

Construct and maintain temporary detours for protection of the work and the safe passage of traffic around work area, as approved.

Conform to requirements for Detours in Section 107 of the GENERAL REQUIREMENTS.

202.3.04 ONE-WAY PILOTED TRAFFIC CONTROL

When detours are not available, confine operations to a width which provides for safe passage of traffic. If, in the judgment of the Engineer, one-way piloted traffic is necessary, provide at least two (2) flagpersons to control traffic, one flagperson being stationed at each end of the roadway being limited to restricted use and furnish a pilot car and driver to lead traffic. At the end of each day leave work in such condition that it can be traveled without damage to the work and without danger to public traffic.

202.4.00 MEASUREMENT AND PAYMENT

202.4.01 LUMP SUM BASIS

When listed in the Proposal as a separate pay item, payment for Temporary Traffic Control will be made on a lump sum basis.

202.4.02 INCIDENTAL BASIS

When not listed in the Proposal for separate payment, all Temporary Traffic Control will be considered incidental work for which no separate payment will be made.

203 CLEARING AND GRUBBING

203.1.00 DESCRIPTION

This section covers work necessary to clear, remove and dispose of all debris and vegetation such as stumps, trees, logs, roots, shrubs, vines, grass and weeds within the designated limits, to preserve from injury or defacement such objects and vegetation as are designated to remain in place, and to perform final clean-up of the designated area.

Clearing is defined as cutting of trees, bushes, vines and other vegetative growth at or above ground surface and removal from the site of all such cut or down vegetation.

Grubbing is defined as removal of vegetative growth and natural wooden items remaining at or below ground surface following the clearing operation.

Review with the Engineer the location, limits, and methods to be used prior to commencing work under this section.

Removal of man-made structures, including, but not limited to, concrete slabs, walls, vaults, footings, asphaltic surfaced areas, and graveled areas, shall be included in payment for excavation or excavation and backfill as provided in Subsection 204.3.03, and will not be included in Clearing and Grubbing.

203.2.00 MATERIALS

Explosives used for clearing and/or grubbing shall be fresh, stable material manufactured to the standards of the "Institute of Makers of Explosives", and shall conform to the applicable requirements of ORS Chapters 476 and 480.

203.3.00 CONSTRUCTION

203.3.01 GENERAL

Obtain the required permit from the State Forester as specified in Subsection 105.09 PROTECTION OF PROPERTY, and perform clearing work in conformance thereto.

Remove trees and plants as designated within the area of work, and remove all sod, topsoil, and organic earth within designated areas.

Remove and stockpile as directed, all topsoil that is free of roots, rocks, and other objectionable material and is determined by the Engineer to be suitable for future use. Take reasonable care

PRELIMINARY

S.E. FEEDER MAIN

From S.E. 67th & Holgate
to East of S.E. 136th & Holgate

PROPOSED SPECIFICATIONS FOR TEMPORARY TRAFFIC CONTROL

Description

This section covers, but is not limited to, all work necessary to conduct construction operations in a manner that offers the least possible obstruction and inconvenience to the public, and to protect pedestrian and vehicular traffic.

The City of Portland has jurisdiction from S.E. 67th & Holgate to S.E. 102nd & Holgate. Multnomah County has jurisdiction from S.E. 102nd & Holgate to east of S.E. 136th & Holgate.

Materials and Construction

Refer to Standard Specifications Sections 105.16 and 202, and to the Plans.

Maintain the approved traffic control devices at all times including non-working hours. Contact Multnomah County Traffic Engineer or the City of Portland Traffic Engineer, depending on location, for any adjustments to existing traffic signals, signs or other traffic control devices.

Maintain traffic as follows:

S.E. Holgate Boulevard:

7:48 AM, 4:30-6 PM } Maintain one-way traffic on S.E. Holgate Blvd. when construction work is in progress, and provide *two way traffic* ~~two-way traffic~~ at night or when work is not in progress.

The need for closure of sections of S.E. Holgate Blvd. may be considered on an individual basis.

Maximum length of construction operations at any one time shall be 500 feet, as specified elsewhere herein.

Pave behind the construction to restore the street area to full use to vehicular and pedestrian traffic in accordance with Standard Specifications Section 204.3.14A, except substitute the word "water" for "sewer" in this section.

Submit a complete signing plan for semi-permanent and portable signs, barricades, and other traffic controls, and for provisions to keep the signs or devices current with the construction activities, to Multnomah County and to the City of Portland for approval, and submit the approved plan to the engineer prior to beginning any work in county or City roadways. Signing plans shall be drawn on 22-inch by 34-inch drafting paper and shall be prepared by an experienced traffic control technician or engineer. Signing plans shall conform to the Manual on Uniform Traffic Control Devices, published by the U.S. Department of Transportation. Illuminate all detours and obstructions during hours of darkness.

Further permit requirements and restrictions may be imposed by Multnomah County.

Street Crossings:

Insert
SE 92ND AVE → S.E. 67th Avenue
S.E. 72nd Avenue
S.E. 82nd Avenue (bored casing required)
S.E. 104th Avenue
S.E. 111th Avenue
S.E. 112th Avenue
S.E. 122nd Avenue (2-way traffic at all times, each way)
136th
S.E. 132nd Avenue

nine Submit a complete time schedule, method of approach, and traffic control plan to Multnomah County or the City of Portland, depending on location, for approval, and submit the approved plan to the Engineer prior to beginning any construction on the eight street crossings stated above. Formulate a work plan to minimize the time that traffic will be disrupted.

nine Maintain a minimum of two lanes of traffic, one in each direction, on all eight of these intersecting streets except that short-term restrictions of traffic to one lane may be considered. Such a restriction would only be allowed during non-peak hours or weekends. Illuminate all obstructions during hours of darkness. Have all materials, manpower and equipment on hand before beginning construction on any of these street crossings.

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contained in any of the documents comprising the Contract. Any such verbal agreement or conversation shall be considered as unofficial information and in no way binding upon Owner.

105.15 DUST CONTROL

During all phases of the construction work, and when directed, take precautions to abate dust nuisance by cleaning up, sweeping, sprinkling with water, or other means as necessary to accomplish the suppression of dust, at no expense to Owner.

105.16 TEMPORARY TRAFFIC CONTROL

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105.17 REMOVAL OF DEFECTIVE OR UNAUTHORIZED WORK

All work which does not conform to the requirements of the Contract shall be considered as unacceptable.

Immediately remove unacceptable and defective work found to exist prior to acceptance of or final payment for the work. Replace by work and materials which conform to the Contract Documents, or remedy otherwise in an approved manner. This provision shall have full effect regardless of the fact that the unacceptable work may have been done or the defective materials used with the full knowledge of the Inspector.

Do not work without lines and grades having been given by the Engineer. Work done contrary to or regardless of the instructions of the Engineer, work done beyond the lines shown or as directed, except as herein provided, or any Extra Work done without authority, will be considered as unauthorized and will not be paid for under the provisions of the Contract. Work so done may be ordered removed or replaced at no expense to Owner.

In the event any defect in work is of a minor nature and the Engineer determines that it is not of such consequence as to result in a dangerous and undesirable condition, or that the removal of such work would create a dangerous or undesirable condition, the Owner shall have the right to retain such work and make such deductions in the payment therefor as determined reasonable and in the public interest. Such determination by Owner shall be final.

105.18 RESTORATION AND CLEANUP

Periodically, or as directed by the Engineer, as the work progresses, and immediately after completion of the work, clean up and remove all refuse, debris, equipment and unused materials of any kind resulting from the work. Upon failure to do so within twenty-four hours after directed, the work may be done by Owner or third party and the cost thereof be deducted from any payment due Contractor.

As a condition precedent to final acceptance of the project, remove all equipment and temporary structures, and all rubbish, waste and generally clean up the right-of-way and premises to conform substantially to conditions as they existed before the commencement of work, as approved.

Refer to Section 208, RESTORATION AND CLEANUP, for additional requirements.

105.19 FINAL INSPECTION

When all construction work on the project is complete and all Extra Work bills, forms and documents required under the Contract are submitted, notify the Engineer in writing. Engineer will make an inspection of the project and project records within fifteen (15) days of receiving said notice. If, at such inspection, all construction provided for and ordered under the Contract is found completed and satisfactory and all certificates, bills, forms and documents have been properly submitted, such inspection shall constitute final inspection.

If work is found unsatisfactory, or if all certificates, bills, forms and documents have not been properly submitted, the Engineer will so notify the Contractor. After corrections are made, or all certificates, bills, forms or documents are properly submitted, notify the Engineer in writing. Engineer will make another inspection within fifteen (15) days after such notice, and if all work is satisfactory, then this inspection shall constitute the final inspection.

106 CONTROL OF MATERIALS

106.01 PREFERENCE FOR USE OF OREGON PRODUCTS

Preference may be given to services, articles or materials produced or manufactured in Oregon, if price, fitness, availability and quality are otherwise equal. These provisions do not apply to Contracts on projects financed wholly or in part by Federal funds.

106.02 QUALITY OF MATERIALS

Use only new materials, parts, products and equipment in the work which conform to specified requirements, with certain salvage exceptions contained in Subsection 206.3.02. Materials and products

DIVISION 2 - GENERAL TECHNICAL REQUIREMENTS

201 MOBILIZATION

201.1.00 DESCRIPTION

This section covers, but is not limited to, work necessary to move in personnel and equipment; set up all offices, buildings, and facilities; and prepare for construction, complete.

201.2.00 MATERIALS

Provide all materials required to accomplish the work as specified.

201.3.00 CONSTRUCTION

201.3.01 GENERAL

Set up construction facilities in a neat and orderly manner within designated or approved work area. Supply all labor and equipment necessary to accomplish the work as specified. Conform to applicable requirements of Section 105 of GENERAL REQUIREMENTS, including, but not limited to, (1) required notifications, (2) protection of surveying monuments and other markers, (3) temporary traffic control, (4) temporary utility connections, (5) protection of property, and (6) dust control.

201.4.00 MEASUREMENT AND PAYMENT

201.4.01 LUMP SUM BASIS

When listed in the Proposal as a separate pay item, payment for Mobilization will be made on a lump sum basis.

Amounts to be allowed for Mobilization in the partial payment to be made under the Contract will be as follows:

1. When 5 percent of the total original contract amount is earned from other bid items, 50 percent of the amount bid for Mobilization, or 5 percent of the total original contract amount, whichever is least, less normal retainage, will be paid.
2. When 10 percent of the total original contract amount is earned from other bid items, 100 percent of the amount bid for Mobilization, or 10 percent of the total original contract amount, whichever is least, less normal retainage, will be paid.
3. Upon completion of all work on the project, payment of any amount bid for Mobilization in excess of 10 percent of the total original contract amount will be paid.

The above schedule of partial payments for Mobilization shall not be construed to limit or preclude partial payments otherwise provided by the Contract.

201.4.02 INCIDENTAL BASIS

When not listed in the Proposal, all Mobilization costs will be considered incidental work for which no separate payment will be made.

202 TEMPORARY TRAFFIC CONTROL

202.1.00 DESCRIPTION

This section covers all work necessary to conduct construction operations so as to offer the least possible obstruction and inconvenience to the public and to protect pedestrian and vehicular traffic, complete.

Additional Traffic Control provisions are contained in Section 105 of the GENERAL REQUIREMENTS.

202.2.00 MATERIALS

202.2.01 UNIFORM TRAFFIC CONTROL DEVICES

Provide barricades, signs and traffic control devices built in conformance with the Manual on Uniform Traffic Control Devices, published by the U.S. Department of Transportation.

202.3.00 CONSTRUCTION

202.3.01 GENERAL

Use flagpersons and provide and maintain such signs, barricades, warning lights and other traffic control devices in conformance with the Traffic Control Manual of the Metropolitan Utility Coordinating Council of Portland, Oregon. Adequately warn the public at all times of existing conditions on all streets affected by work operation.

Patrol and traffic-control area and reset all disturbed signs and traffic-control devices immediately. Remove or cover nonapplicable signs during periods not needed, as approved. Prior to closing

or partial closing of any street, conform to Subsection 105.05 NOTIFICATIONS RELATIVE TO CONTRACTOR'S ACTIVITIES.

202.3.02 TRAFFIC CONTROL WITHIN THE PROJECT

Obtain approval of traffic control plan from Engineer prior to commencing work. When necessary, allow traffic to pass through the work with as little inconvenience and delay as possible.

Provide approved access to private properties at all times, except during urgent stages of construction when it is impractical to perform construction and maintain access to private property simultaneously. When access is to be denied, give occupants of affected properties at least 24 hours prior notice.

When, in the judgment of the Engineer, vehicular parking is a hazard to through traffic or to the work, furnish and place NO PARKING signs on any street which is directly involved in the construction work.

202.3.03 CONSTRUCTION AND MAINTENANCE OF DETOURS

Construct and maintain temporary detours for protection of the work and the safe passage of traffic around work area, as approved.

Conform to requirements for Detours in Section 107 of the GENERAL REQUIREMENTS.

202.3.04 ONE-WAY PILOTED TRAFFIC CONTROL

When detours are not available, confine operations to a width which provides for safe passage of traffic. If, in the judgment of the Engineer, one-way piloted traffic is necessary, provide at least two (2) flagpersons to control traffic, one flagperson being stationed at each end of the roadway being limited to restricted use and furnish a pilot car and driver to lead traffic. At the end of each day leave work in such condition that it can be traveled without damage to the work and without danger to public traffic.

202.4.00 MEASUREMENT AND PAYMENT

202.4.01 LUMP SUM BASIS

When listed in the Proposal as a separate pay item, payment for Temporary Traffic Control will be made on a lump sum basis.

202.4.02 INCIDENTAL BASIS

When not listed in the Proposal for separate payment, all Temporary Traffic Control will be considered incidental work for which no separate payment will be made.

203 CLEARING AND GRUBBING

203.1.00 DESCRIPTION

This section covers work necessary to clear, remove and dispose of all debris and vegetation such as stumps, trees, logs, roots, shrubs, vines, grass and weeds within the designated limits, to preserve from injury or defacement such objects and vegetation as are designated to remain in place, and to perform final clean-up of the designated area.

Clearing is defined as cutting of trees, bushes, vines and other vegetative growth at or above ground surface and removal from the site of all such cut or down vegetation.

Grubbing is defined as removal of vegetative growth and natural wooden items remaining at or below ground surface following the clearing operation.

Review with the Engineer the location, limits, and methods to be used prior to commencing work under this section.

Removal of man-made structures, including, but not limited to, concrete slabs, walls, vaults, footings, asphaltic surfaced areas, and graveled areas, shall be included in payment for excavation or excavation and backfill as provided in Subsection 204.3.03, and will not be included in Clearing and Grubbing.

203.2.00 MATERIALS

Explosives used for clearing and/or grubbing shall be fresh, stable material manufactured to the standards of the "Institute of Makers of Explosives", and shall conform to the applicable requirements of ORS Chapters 476 and 480.

203.3.00 CONSTRUCTION

203.3.01 GENERAL

Obtain the required permit from the State Forester as specified in Subsection 105.09 PROTECTION OF PROPERTY, and perform clearing work in conformance thereto.

Remove trees and plants as designated within the area of work, and remove all sod, topsoil, and organic earth within designated areas.

Remove and stockpile as directed, all topsoil that is free of roots, rocks, and other objectionable material and is determined by the Engineer to be suitable for future use. Take reasonable care

Holgate

June 19, 1980

Bill Zirbles
Dept. of Transportation
Transportation Building
Salem, OR 97310

Dear Bill:

Transmitting to you the original drawings for traffic signal installations on S.E. Holgate Blvd. at 17th, 26th, and 28th Avenues.

We have added left turn phases, north and southbound, at 17th Avenue.

If you have any questions please contact Don Burdette at 248-4041.

Sincerely,

James K. Wilson
Sr. Traffic Engineer

DB:ww