

CLARK COUNTY STAFF REPORT

DEPARTMENT: Public Works / Transportation Division / Programming

DATE: December 15, 2015

REQUESTED ACTION: Establish Public Works Project #322112, Carty Road Reconstruction (NE 10th Ave. to NW Hillhurst Rd.), and approve the attached Notice to Contractors to advertise the construction contract for bids. Approve the temporary road closure of Carty Road.

Consent Hearing County Manager

PUBLIC WORKS GOALS:

- Provide safe and efficient transportation systems in Clark County
- Create and maintain a vibrant system of parks, trails and green spaces
- Continue responsible stewardship of public funds
- Promote family-wage job creation and economic development to support a thriving community
- Maintain a healthy, desirable quality of life
- Increase partnerships and foster an engaged, informed community
- Cultivate a nimble, responsive work force
- Make Public Works a great place to work

BACKGROUND

The Carty Road Reconstruction Project will replace a rapidly deteriorating culvert under NW Carty Road with a fish passable three sided culvert. Additionally, the project improves Carty Road from NE 10th Avenue to NW Hillhurst Road (2.37 miles) with an asphalt overlay, striping, removal/relocation of potential roadside hazards and upgraded guardrail.

For the safety of workers and the traveling public, Clark County will temporarily close the road at the culvert location (except to local traffic only) for six weeks, June 15 – August 1, 2016. The goal is to have Carty Road back open on Tuesday, August 2. The overlay would begin shortly after this, which will result in temporary one lane closures using flaggers and a pilot car. All work shall be completed by the fall of 2016. Specific closure dates will be determined once a contractor has been selected and a schedule developed. Public notice and detour information will be provided as required by RCW 47.48.

The construction documents are complete and ready to be advertised to receive bids. The advertisement is contained in the attached Notice to Contractors.

COUNCIL POLICY IMPLICATIONS

None.

ADMINISTRATIVE POLICY IMPLICATIONS

None. This project is included in the 2015-2020 and 2016-2021 Transportation Improvement Programs and the 2015 and 2016 Annual Construction Programs.



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PW15-098

COMMUNITY OUTREACH

The project is included in the Transportation Improvement Program (TIP). TIP development public involvement includes SEPA, public hearings and an internet web site. At least 10 days prior to the road closure and implementation of the detour routes, notices will be given to affected citizens and variable message board(s) shall be in place for at least one week prior.

BUDGET IMPLICATIONS

YES	NO	
X		Action falls within existing budget capacity.
	X	Action falls within existing budget capacity but requires a change of purpose within existing appropriation
	X	Additional budget capacity is necessary and will be requested at the next supplemental. If YES, please complete the budget impact statement. If YES, this action will be referred to the county council with a recommendation from the county manager.

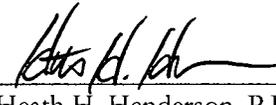
BUDGET DETAILS

Local Fund Dollar Amount	\$ 899,000
Grants/Loans/Partnerships	\$ 1,426,000
Transportation Improvement Fees	
Account	County Road Fund

DISTRIBUTION:

Board staff will post all staff reports to The Grid. <http://www.clark.wa.gov/thegrid/>


 Carolyn Heniges, P.E.
 Transportation Division Manager


 Heath H. Henderson, P.E.
 Public Works Director/County Engineer

C: Carolyn Heniges, Susan Wilson, Carol Matteson

APPROVED: 
 CLARK COUNTY, WASHINGTON
 BOARD OF COUNTY COUNCILORS

DATE: 12/15/15
 SR# SR 239-15

APPROVED: _____
 Mark McCauley, County Manager

DATE: _____

BUDGET IMPACT ATTACHMENT

Part I: Narrative Explanation

Carty Road Reconstruction Project CRP 322112 will replace a collapsing culvert under NW Carty Road with a fish passable three sided culvert. Additionally, the project improves Carty Road from NE 10th Ave. to NW Hillhurst Rd. (2.37 miles) with an asphalt overlay, striping, removal/relocation of potential roadside hazards and an upgraded guardrail.

Construction costs for this project in 2016 includes \$1,060,000 Federal Grant Funds, \$156,000 State Grant Funds and \$884,000 County Road Funds for a total cost of \$2,100,000.

Construction costs for this project in 2017 includes \$210,000 Federal Grant Funds and \$15,000 County Road Funds for a total cost of \$225,000.

Part II: Estimated Revenues

Fund #/Title	2015/2016 Biennium		2017/2018 Biennium	
	CRF	Total	CRF	Total
1012/County Road Fund	\$2,100,000	\$2,100,000	\$225,000	\$225,000
Total	\$2,100,000	\$2,100,000	\$225,000	\$225,000

II. A – Describe the type of revenue (grant, fees, etc.)

Construction costs for this project in 2016 includes \$1,060,000 Federal Grant Funds, \$156,000 State Grant Funds and \$884,000 County Road Funds for a total cost of \$2,100,000.

Construction costs for this project in 2017 includes \$210,000 Federal Grant Funds and \$15,000 County Road Funds for a total cost of \$225,000.

Part III: Estimated Expenditures

III. A – Expenditures summed up

Fund #/Title	2015/2016 Biennium		2017/2018 Biennium	
	CRF	Total	CRF	Total
1012/County Road Fund	\$2,100,000	\$2,100,000	\$225,000	\$225,000
Total	\$2,100,000	\$2,100,000	\$225,000	\$225,000

III. B – Expenditure by object category

Fund #/Title	2015/2016 Biennium		2017/2018 Biennium	
	CRF	Total	CRF	Total
Salary/Benefits	\$ 147,000	\$ 147,000	\$ 15,750	\$ 15,750
Contractual				
Supplies				
Travel				
Other controllables				
Capital Outlays	\$1,953,000	\$1,953,000	\$ 209,250	\$ 209,250
Inter-fund Transfers				
Debt Service				
Total	\$2,100,000	\$2,100,000	\$ 225,000	\$ 225,000

BEFORE THE BOARD OF COUNTY COUNCILORS OF CLARK COUNTY, WASHINGTON

in the matter of initiating a county road project designated as **CRP NO. 322112**

IT IS HEREBY RESOLVED THAT **Carty Road Reconstruction**

lying NE 10th Ave. to NW Hillhurst Rd.

State Road Log No. 41940 from Milepoint 0.00 to Milepoint 2.37 will be improved as follows:

The Carty Road Reconstruction Project will replace a rapidly deteriorating culvert under NW Carty Road with a fish passable three sided culvert. Additionally, the project improves Carty Road from NE 10th Avenue to NW Hillhurst Road (2.37 miles) with an asphalt overlay, striping, removal/relocation of potential roadside hazards and upgraded guardrail.

For the safety of workers and the traveling public, Clark County will temporarily close the road at the culvert location (except to local traffic only) for six weeks, June 15 – August 1, 2016. The goal is to have Carty Road back open on Tuesday, August 2. The overlay would begin shortly after this, which will result in temporary one lane closures using flaggers and a pilot car. All work shall be completed by the fall of 2016. Specific closure dates will be determined once a contractor has been selected and a schedule developed. Public notice and detour information will be provided as required by RCW 47.48.

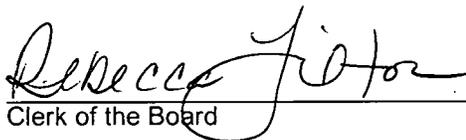
The construction documents are complete and ready to be advertised for bids. The advertisement is contained in the attached Notice to Contractors.

IT IS FURTHER RESOLVED that an appropriation from the officially adopted road fund budget, and based on the County Engineer's estimate, is hereby made in the amounts and for the purposes shown:

	County Road Fund	State/Federal Grant Funds	TOTAL	Budget Year	
				2016	2017
Construction	899,000	1,426,000	2,325,000	2,100,000	225,000
TOTAL	899,000	1,426,000	2,325,000	2,100,000	225,000

- This project is included in the officially adopted Annual Construction Program #19.
- The project is hereby made a part of the officially adopted Annual Road Program in accordance with RCW 36.81.130, BY SIGNATURE OF ALL BOARD MEMBERS.
IT IS FURTHER RESOLVED THAT:
- The construction is to be accomplished by contract in accordance with RCW 36.77.020 et. seq.
- The construction is to be accomplished by County forces in accordance with RCW 36.77.060 and WAC 136-18.

ADOPTED this 15th day of Dec., 2015.
ATTEST:


Clerk of the Board

BOARD OF COUNTY COUNCILORS
CLARK COUNTY, WASHINGTON


David Madore, Chair

Jeanne E. Stewart, Councilor

Tom Mielke, Councilor



proud past, promising future

CLARK COUNTY
WASHINGTON

PUBLIC WORKS

NOTICE TO CONTRACTORS

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NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN that sealed bids will be received until **1:50 P.M.** on **Tuesday**, _____, by the Clark County Board of County Councilors through the General Services Purchasing Department, 1300 Franklin Street, Suite 650, Vancouver, Washington 98660, for the **Carty Road Reconstruction, CRP No. 322112**; and other work; then publicly opened and read aloud at the Commissioners' Hearing Room, 6th Floor of the Public Service Center, 1300 Franklin Street, Vancouver, Washington 98660, at 2:00 P.M. on **Tuesday**, _____, or as soon thereafter as the matter may be heard.

Description of work: The Carty Road Reconstruction project entails replacing an existing, undersized, failing culvert, with a new culvert structure spanning Gee Creek in northwest Clark County near the City of Ridgefield. The new structure will allow aquatic life and fluvial debris to pass, and accommodate 100 year flood flows. Construction will also include clearing trees, placing riprap, grade control structures in the channel, and localized road widening.

Pavement in the project area will be fully reconstructed due to the need to construct an open trench to remove the existing culvert and install a new CMP. A structural overlay will be constructed throughout the project limits to tie back into existing asphalt. New guardrail will be installed and existing guardrail upgraded to shield motorist from hazards located along the side of the roadway.

Primary bid items: Clearing & Grubbing; Roadway & Culvert Excavation (Incl. Haul); Select Borrow (Incl. Haul); Crushed Surfacing Base Course; HMA Cl. ___ PG 64-22 ; St. Reinf. Bar; Storm Sewer Pipe; Conc. Traffic Curb And Gutter; Culvert; Guardrail; Traffic Control; Block Retaining Wall; Temporary Stream Diversion; Dewatering; Riprap; Seeding & Mulching; Streambed Sediment & Cobbles; Signage & Striping

AND OTHER RELATED WORK/CONTRACT ITEMS

Plans, specifications, addenda, bid documents, bidders list and plan holder list for this project are available online for inspection during the bidding period through the Builders Exchange of Washington (BXWA) website www.bxwa.com (Posted Projects, Public Works, Clark County and Projects Bidding). These are available for viewing, downloading and printing on your own equipment free of charge. This service is provided free of charge to Prime Bidders, Subcontractors, and Vendors bidding on this project. Bidders are encouraged to "Register as a Bidder" in order to receive automatic email notification of future addenda and to be placed on the Bidders List.

Carty Road Reconstruction
NE 10th Avenue to NW Hillhurst Avenue
Federal Aid Project No. STPR-E068(001)
WSDOT Project No. TA-5613
CRP No. 322112

1300 Franklin Street • P.O. Box 9810 • Vancouver, WA 98666-9810 • tel: [360] 397-6118 • fax: [360] 397-6051 • www.clark.wa.gov



NOTICE TO CONTRACTORS
PAGE 2 OF 3

It is the sole responsibility of the Bidder to obtain Addenda, if any. Such information may be obtained from the Builders Exchange of Washington (BXWA) web site, www.bxwa.com (Posted Projects, Public Works, Clark County and Projects Bidding). Clark County accepts no responsibility or liability and will provide no accommodation to bidders who fail to check for addenda and submit inadequate or incomplete responses.

Paper copies of plans, specifications, addenda, bid documents, bidders list and plan holder list for this project are not available.

All questions regarding this project must be submitted on the electronic "CRP Inquiry Submittal Form" located on the County's Internet Page (<http://www.clark.wa.gov/general-services/purchasing/crp.html>). In the event a bidder cannot access the County's Website, a FAX copy of the form can be obtained from and returned to the County's Construction Management Office (FAX 360-397-6087).

Answers to bid questions will be posted on the project's "**Bid Inquiry Log**", also located on the County's Internet page; which will be updated twice daily, at noon and 6:00 PM. The questions and answers posted on the Bid Inquiry Log will not identify who asked the question, nor will that information be provided otherwise. It is considered exempt from Freedom of Information requirements. The last Bid Inquiry log update prior to bid opening will be 6:00 PM the day before the bid opening, and will display all questions and answers to the questions that have accumulated by the posting time. Questions asked after this time will not be addressed. Questions too late to be answered as of that posting will remain unanswered and will not be included in the log.

The Clark County Department of Public Works, in accordance with Title VI of the Civil Rights Act 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, non-discrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

All bids shall be delivered to the attention of the Clark County Purchasing, P.O. Box 5000, Vancouver, Washington 98666-5000 or 1300 Franklin Street, Suite 650. Bids shall be placed in a sealed envelope, marked "Sealed Bid", which clearly states the name of the bidder, the project number, the project title, the date of the bid opening, and appropriate wording to indicate definitely the nature of the contents. Do not send bids by FAX or email. Bids submitted by FAX or email will not be accepted.

NOTICE TO CONTRACTORS
PAGE 3 OF 3

A bid proposal deposit, made in the form of a certified check, cashier's check, or surety bond in an amount equal to five percent (5%) of the amount of the bid proposal, shall accompany all bid proposals. Should the successful bidder fail to enter into such contract and furnish satisfactory performance bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Clark County Road Fund.

The right is reserved by the Clark County Board of County Councilors to waive informalities in the bidding, accept a proposal of the lowest responsible bidder, reject any or all bids, republish the call for bids, revise or cancel the work, or require the work to be done in another way if the best interest of the Contracting Agency is served.

DATED this 3rd day of December, 2015.



Michael Westerman, Purchasing Manager

THE REFLECTOR
DAILY JOURNAL OF COMMERCE:

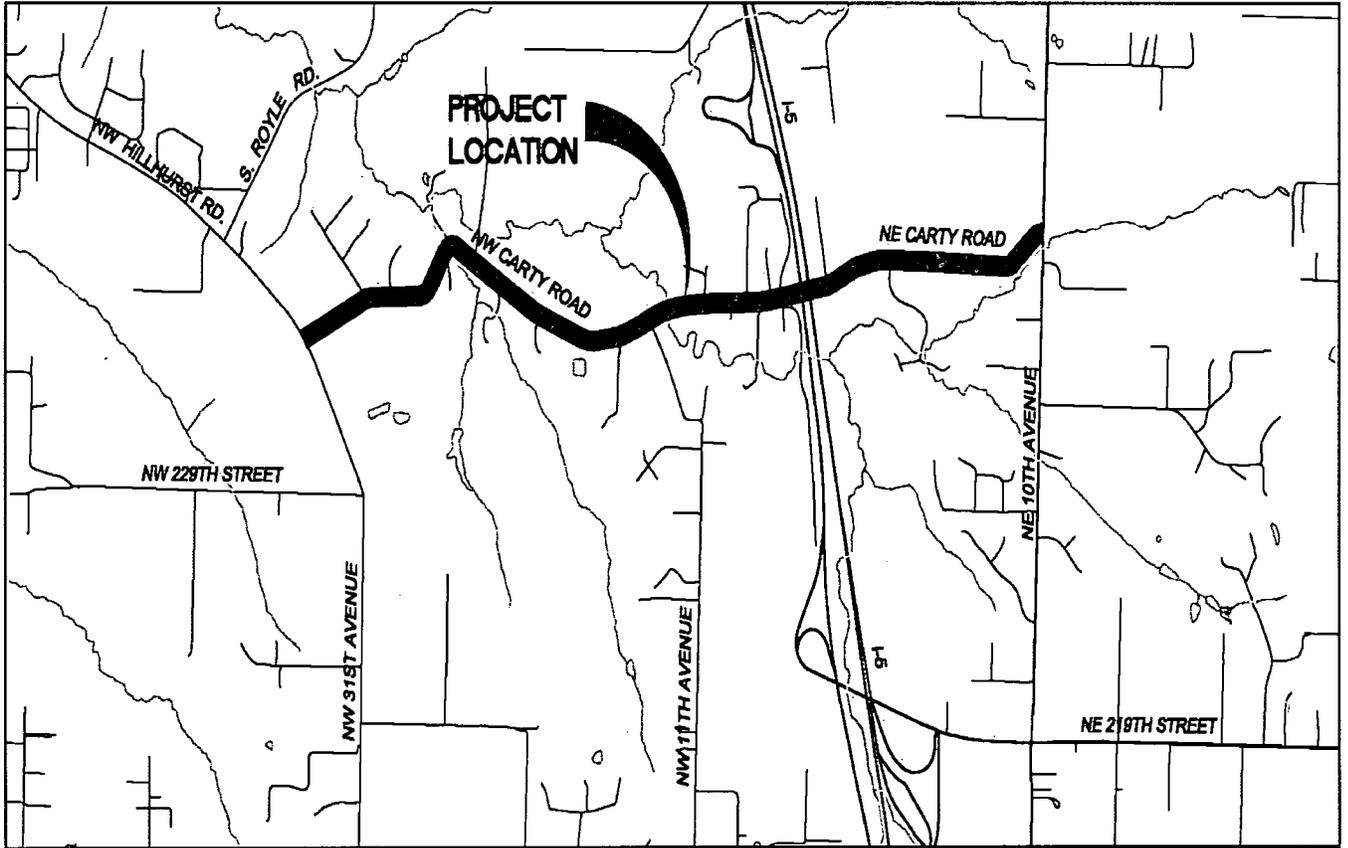
PLEASE PUBLISH: _____



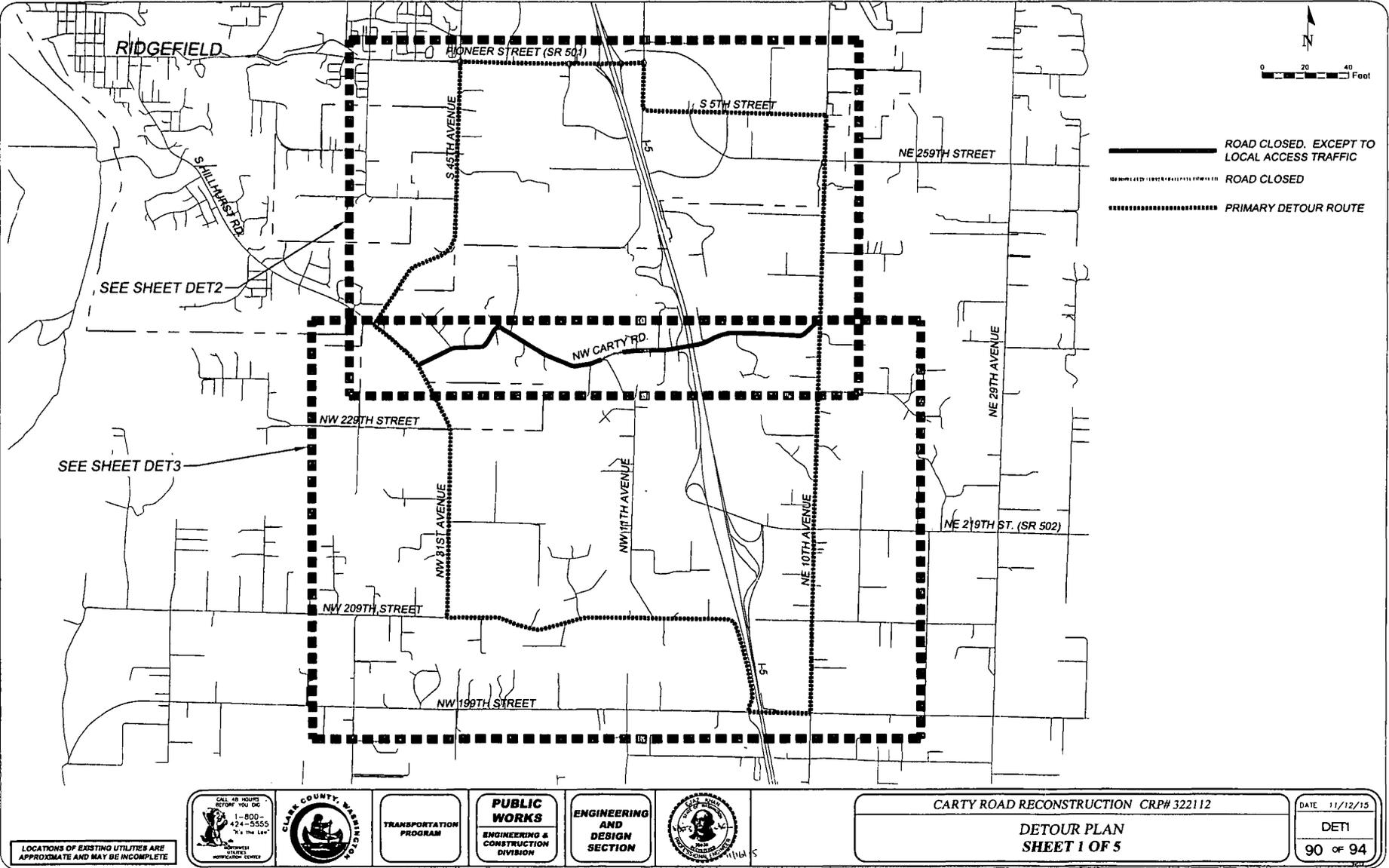
proud past, promising future

CLARK COUNTY
WASHINGTON

**Department of Public Works
Engineering & Construction Division
Carty Road Reconstruction
CRP# 322112**



Vicinity Map



LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND MAY BE INCOMPLETE



TRANSPORTATION PROGRAM

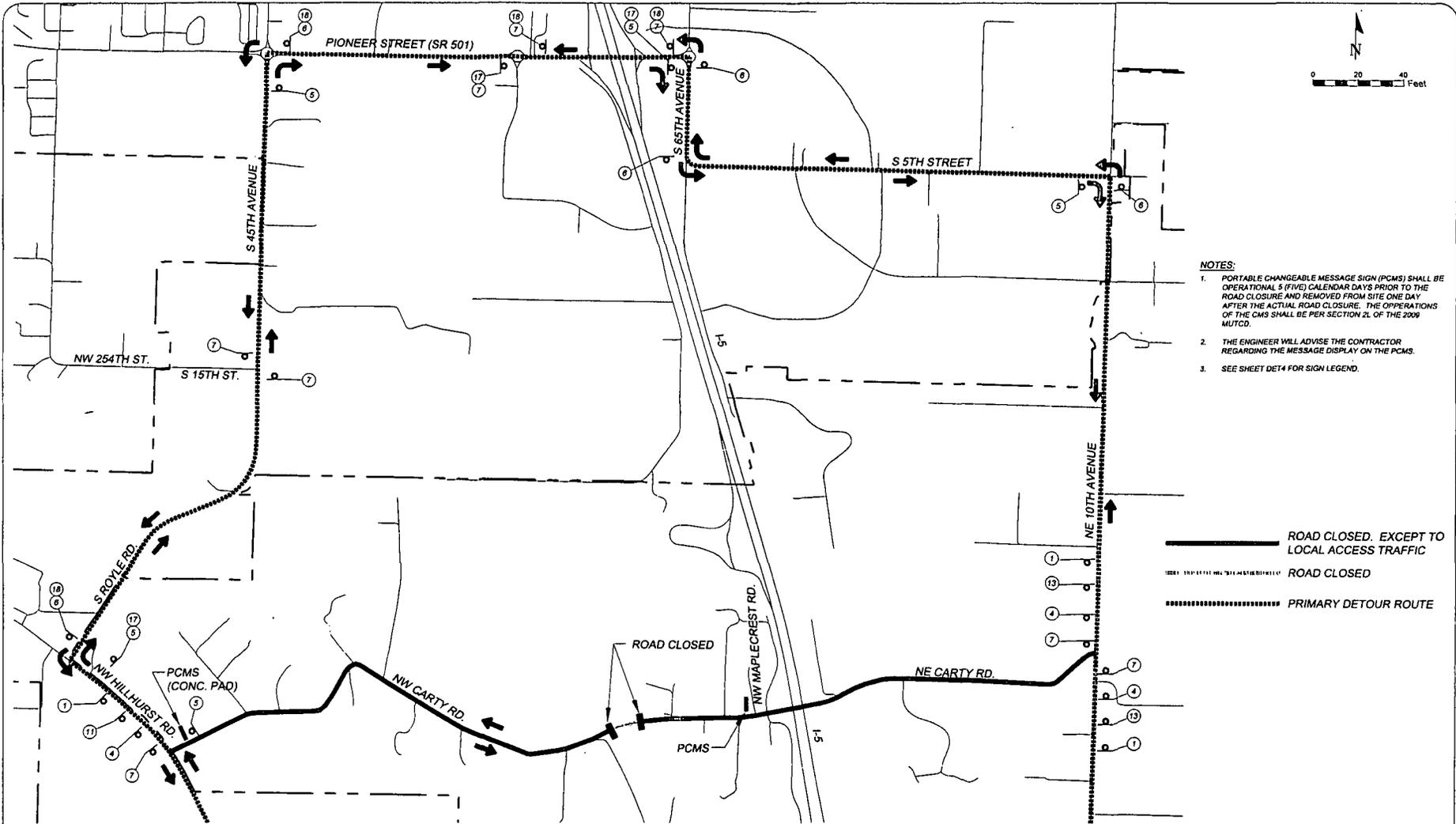
PUBLIC WORKS
ENGINEERING & CONSTRUCTION DIVISION

ENGINEERING AND DESIGN SECTION



CARTY ROAD RECONSTRUCTION CRP# 322112
DETOUR PLAN
SHEET 1 OF 5

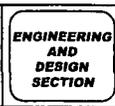
DATE 11/12/15
DET1
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- NOTES:**
1. PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) SHALL BE OPERATIONAL 5 (FIVE) CALENDAR DAYS PRIOR TO THE ROAD CLOSURE AND REMOVED FROM SITE ONE DAY AFTER THE ACTUAL ROAD CLOSURE. THE OPERATIONS OF THE CMS SHALL BE PER SECTION 2L OF THE 2008 MUTCD.
 2. THE ENGINEER WILL ADVISE THE CONTRACTOR REGARDING THE MESSAGE DISPLAY ON THE PCMS.
 3. SEE SHEET DET4 FOR SIGN LEGEND.

 ROAD CLOSED. EXCEPT TO LOCAL ACCESS TRAFFIC
 ROAD CLOSED
 PRIMARY DETOUR ROUTE

LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND MAY BE INCOMPLETE



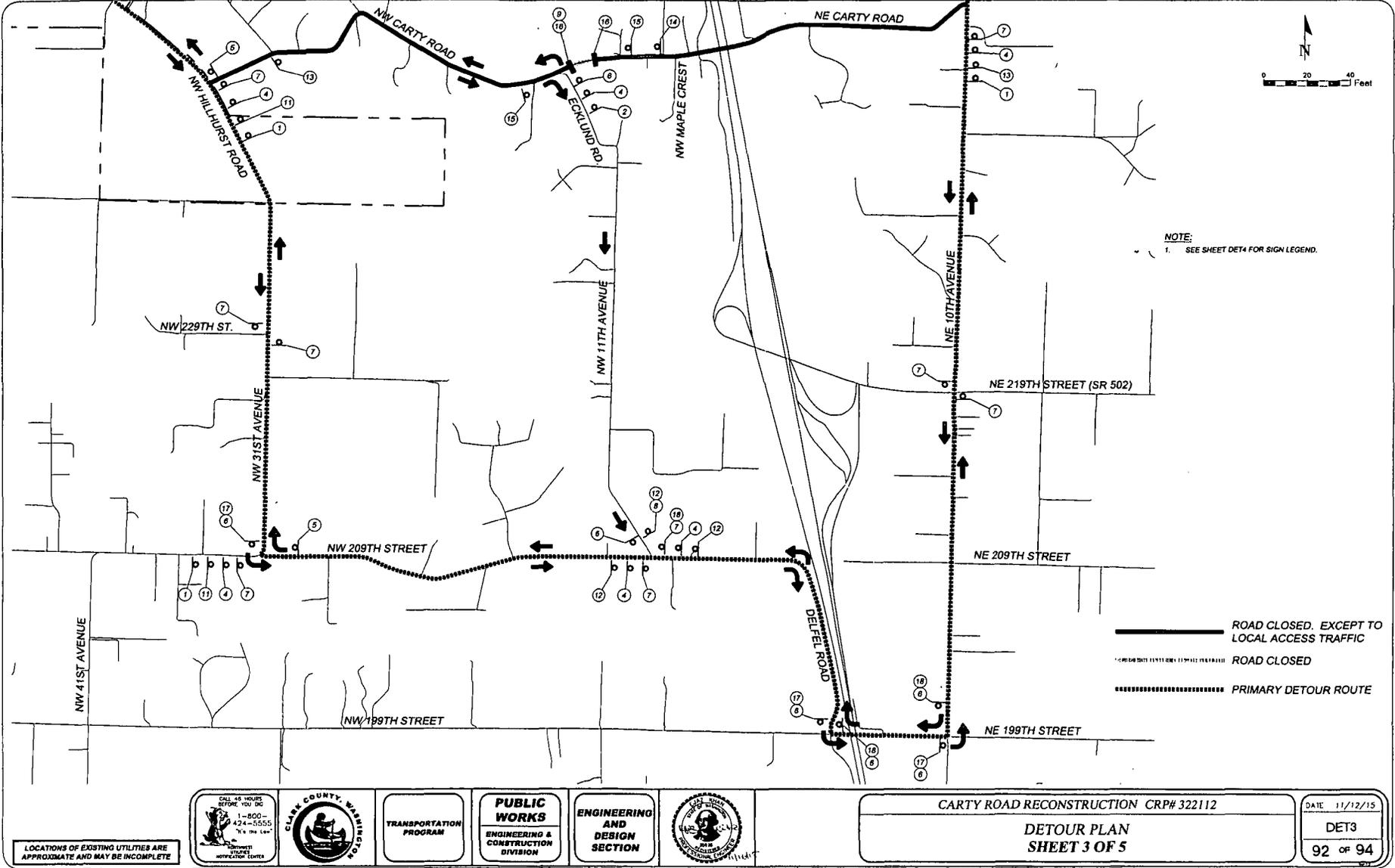
CARTWRIGHT ROAD RECONSTRUCTION CRP# 322112

DETOUR PLAN
SHEET 2 OF 5

DATE 11/12/15

DET2

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NOTE:
1. SEE SHEET DET4 FOR SIGN LEGEND.

— ROAD CLOSED, EXCEPT TO LOCAL ACCESS TRAFFIC
 ROAD CLOSED
 - - - - - PRIMARY DETOUR ROUTE

LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND MAY BE INCOMPLETE



TRANSPORTATION PROGRAM

PUBLIC WORKS
ENGINEERING & CONSTRUCTION DIVISION

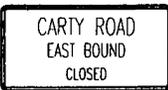
ENGINEERING AND DESIGN SECTION

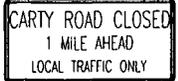


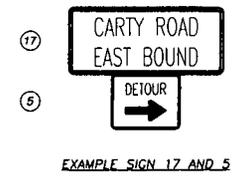
CARTWRIGHT ROAD RECONSTRUCTION CRP# 322112
 DETOUR PLAN
 SHEET 3 OF 5

DATE 11/12/15
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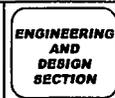
- ①  W20-1
36" X 36"
- ②  W20-3
36" X 36"
- ③  W20-3
36" X 36"
- ④  W20-2
36" X 36"
- ⑤  M4-9(R)
30" X 24"

- ⑥  M4-9(L)
30" X 24"
- ⑦  M4-9
(MODIFIED)
30" X 30"
- ⑧  10" X 60"
- ⑨  M4-10R
- ⑩  M4-10L
- ⑪  R11-3a
60" X 30"
- ⑫  R11-3a
60" X 30"

- ⑬  R11-3a
60" X 30"
- ⑭  R11-3a
60" X 30" ON TYPE III BARRICADE WITH TWO TYPE A WARNING LIGHTS
- ⑮  36" X 36"
- ⑯  R11-2
48" X 30" TYPE A WARNING LIGHTS
- ⑰  8" FONTS
- ⑱  8" FONTS

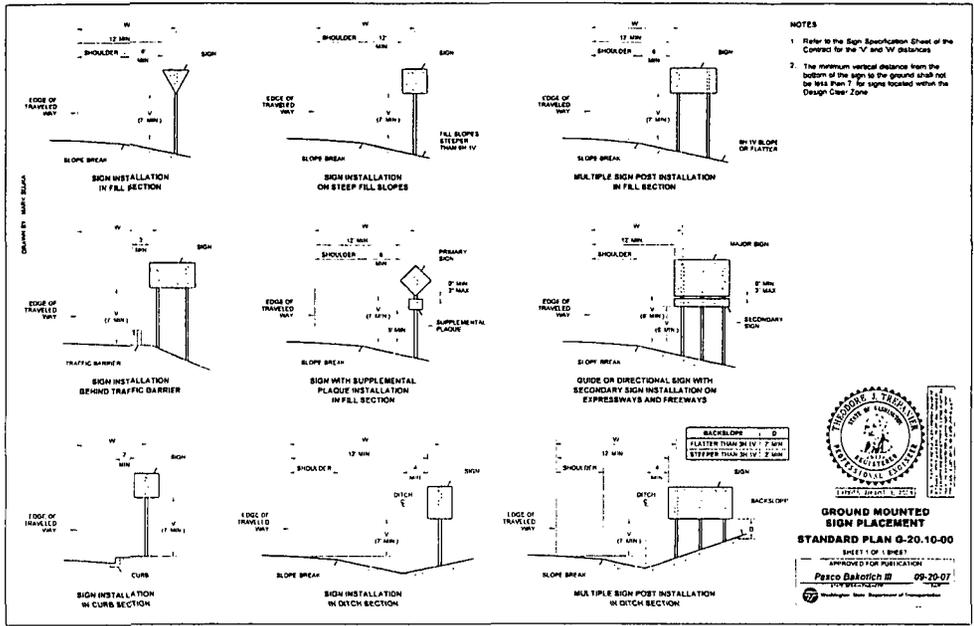


LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND MAY BE INCOMPLETE



CARTY ROAD RECONSTRUCTION CRP# 322112
DETOUR PLAN
SHEET 4 OF 5

DATE 11/12/15
DET4
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SIGN SPACING-X		
RURAL ROADS	145/35 M.P.H.	500'±
RURAL ROADS AND URBAN ARTERIALS	35/40 M.P.H.	350'±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL AND BUSINESS DISTRICTS	25/30 M.P.H.	200'±
URBAN STREETS	25 M.P.H. OR LESS	100'±

ALL SIGNS ARE BLACK ON ORANGE UNLESS DESIGNATED OTHERWISE.

ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE AT-CRADE INTERSECTIONS AND DRIVEWAYS.

LANE WIDTH (FEET)	MINIMUM TAPER LENGTH=L							
	POSTED SPEED (M.P.H.)							
10	25	30	35	40	45	50	55	
11	105	150	205	270	450	500	550	
12	115	165	225	294	495	550	605	
	125	180	245	320	540	600	660	

POSTED SPEED (M.P.H.)	CHANNELIZING DEVICE SPACING	
	IN TAPER (FEET)	IN TANGENT (FEET)
50/70	40	80
35/45	30	60
25/30	20	40

- NOTES:**
1. THE SIGNS SHOWN ON SHEET DET4 SHALL BE NEW CLASS A SIGNS EXCEPT AS SPECIFICALLY NOTED IN THE PLAN.
 2. ALL SIGN LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD ADJUSTED BASED ON FIELD CONDITIONS. THE CONTRACTOR SHALL WORK WITH THE ENGINEER REGARDING ACTUAL SIGN PLACEMENT TO PROVIDE THE OPTIMAL SIGN VISIBILITY AND CLARITY OF THE MESSAGE AS WELL AS THE REACTION TIME AVAILABLE TO THE DRIVER TO RESPOND TO THE SIGNS.
 3. ALL BLACK AND WHITE SIGNS SHALL BE TYPE IV SHEETING MATERIAL.

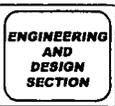
THE CONTRACTOR SHALL PROVIDE SPECIFIC TRAFFIC CONTROL PLANS SPECIFIC TO THE WORK PERFORMED, AS PART OF THE CONTRACTOR'S TRAFFIC CONTROL PERMIT REQUEST TO THE COUNTY AND THE CITY OF RIDGEFIELD.

ALL TRAFFIC CONTROL PERMITS FOR WORK BY THE CONTRACTOR SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL A MINIMUM OF 10 DAYS PRIOR TO USE.

ALL TRAFFIC CONTROL PERMITS WHICH INCLUDE CLASS A OR CLASS B SIGNS WITH IN THE CITY OF RIDGEFIELD JURISDICTION SHALL BE SUBMITTED A MINIMUM OF 15 DAYS PRIOR TO USE. THE ENGINEER WILL FORWARD THE TRAFFIC CONTROL PLANS TO WSDOT FOR THEIR REVIEW AND APPROVAL.

NO WORK ON THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED WITHOUT APPROVED TRAFFIC CONTROL PLANS BY THE COUNTY, AND WHERE APPLICABLE, CITY OF RIDGEFIELD.

LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND MAY BE INCOMPLETE



CARTY ROAD RECONSTRUCTION CRP# 322112

DETOUR PLAN SHEET 5 OF 5

DATE 11/12/15

DET5

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