

SIGN SPACING = X (FEET) (1)

RURAL HIGHWAYS	60 / 65 MPH	800'±
RURAL ROADS	45 / 55 MPH	500'±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'±
RURAL ROADS, URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200'± (2)
URBAN STREETS	25 MPH OR LESS	100'± (2)

ALL SIGNS ARE 48" x 48" BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

- (1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS, AND DRIVEWAYS.
- (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (FEET)	155	200	250	305	360	425	495	570	645	-

PROTECTIVE VEHICLE WITH TMA ROLL AHEAD DISTANCE

TYPICAL PROTECTIVE VEHICLE TYPE WITH TMA	TYPICAL PROTECTIVE VEHICLE (WITH TMA) LOADED WEIGHT (LBS)	STATIONARY OPERATION (FEET)
4 YARD DUMP TRUCK, SERVICE TRUCK, FLAT BED, ETC.	MINIMUM WEIGHT 15,000 LBS. (MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION)	30 MIN. 100 MAX.

ROLL AHEAD STOPPING DISTANCE ASSUMES DRY PAVEMENT

1 A PROTECTIVE VEHICLE IS RECOMMENDED REGARDLESS IF A TMA IS AVAILABLE. IF NO TMA IS USED, THE PROTECTIVE VEHICLE SHALL BE STRATEGICALLY LOCATED IN THE FIELD TO SHIELD WORKERS AND NO ROLL AHEAD DISTANCE IS SPECIFIED.

CHANNELIZING DEVICE SPACING (FEET)

MPH	TAPER	TANGENT
50 / 65	40	80
35 / 45	30	60
25 / 30	20	40

LEGEND:

- SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE - RECOMMENDED
- WORK ZONE

NOTES:

- NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS, REFER TO WSDOT STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
- RECOMMEND EXTENDING CHANNELIZING DEVICE TAPER ACROSS SHOULDER.
- PROTECTIVE VEHICLE RECOMMENDED - MAY BE A WORK VEHICLE.
- SIGN SEQUENCE IS THE SAME FOR BOTH DIRECTIONS OF TRAVEL ON THE ROADWAY.
- WHEN USED, THE DOWNSTREAM TAPER DEVICE SPACING SHOULD BE 20' O.C.
- FOR LOW-VOLUME SITUATIONS WITH SHORT WORK ZONES ON STRAIGHT ROADWAYS WHERE THE FLAGGER IS VISIBLE TO ROAD USERS APPROACHING FROM BOTH DIRECTIONS, A SINGLE FLAGGER POSITIONED TO BE VISIBLE FROM BOTH DIRECTIONS MAY BE USED.
- THESE TRAFFIC CONTROL PLANS ARE CONCEPTUAL. THE CONTRACTOR MUST SUBMIT TRAFFIC CONTROL PLANS FOR APPROVAL.

THIS DEVELOPMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF REDMOND STANDARD SPECIFICATIONS AND DETAILS, 2011 EDITION

APPROVED FOR CONSTRUCTION

PLAN CHK ENGR. *N/A*

UTILITY *N/A*

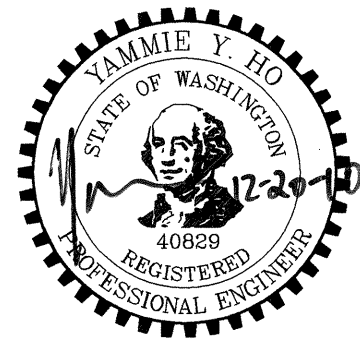
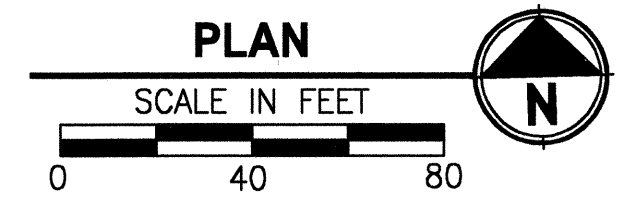
FIRE DEPT. *N/A*

TRANS / ENGR. *N/A*

PLANNING DEPT. *N/A*

DATE: _____

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ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY

FILE NAME: BL1521075P12T01TC-01

JOB No. 554-1521-075

DATE: DECEMBER 2010

Parametrix

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411 118TH AVENUE N.E., SUITE 1000
BELLEVUE, WASHINGTON 98004
T. 425.458.6200 F. 425.458.6363
www.parametrix.com

PROJECT NAME

**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL, REDMOND SEGMENT**

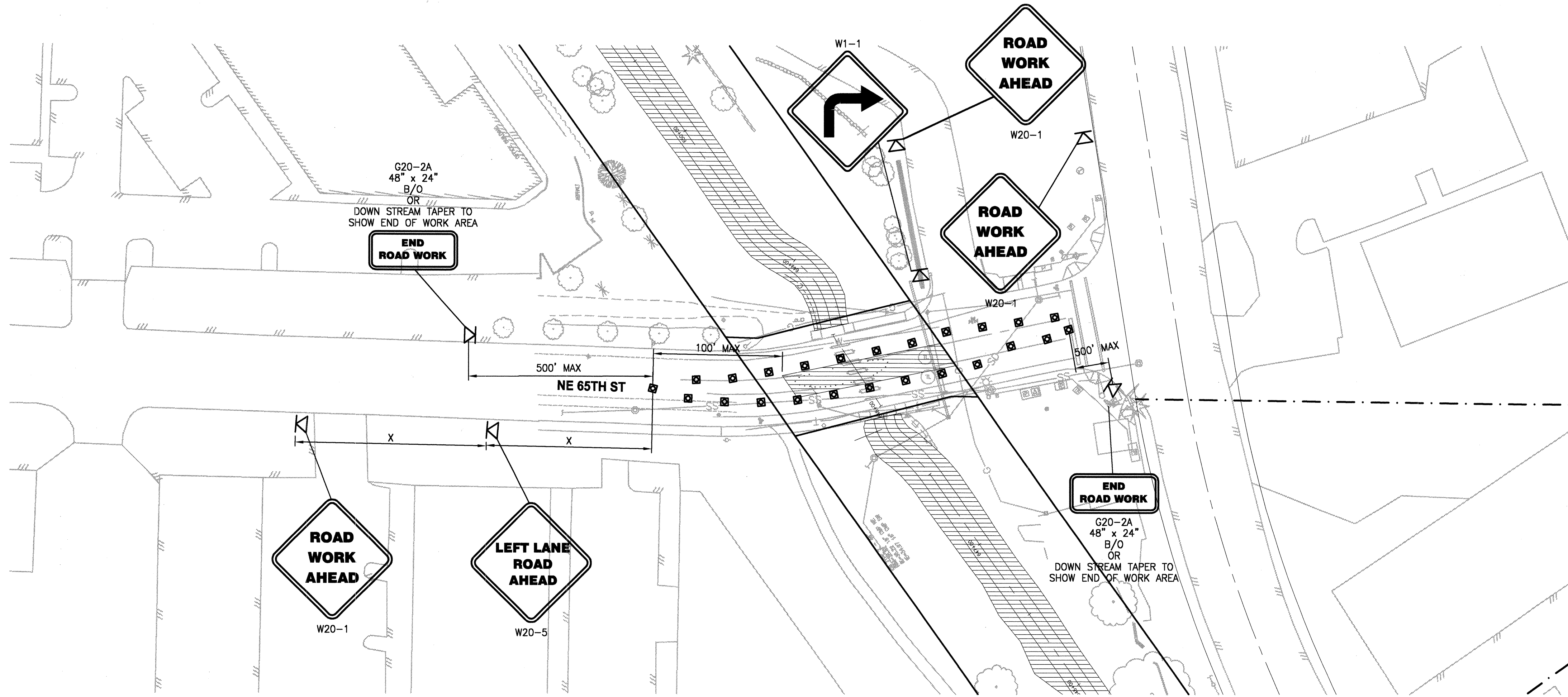
187TH AVENUE NE TO NE 70TH STREET

TRAFFIC CONTROL PLAN

DRAWING NO.
71 OF 72

TC1

DATE: Dec 17, 2010 - 3:38pm PLOTTED BY: purgubut IMAGES: XREFS: XBL1521075P12T01-DE | XBL1521075P12T01-BA-North | XBL1521075P11T04-GS LINES | XBL1521075P11T04-BAE20 | e01s102c_TRIM | XBL1521075P11T04-NEWSR20RW



CITY OF REDMOND TRAFFIC CONTROL NOTES:

- ALL SIGNS, BARRICADES AND RELATED EQUIPMENT AND THEIR USE MUST BE IN ACCORDANCE WITH PART VI, "TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS" OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AS PREPARED BY THE NATIONAL JOINT COMMITTEE ON UNIFORM TRAFFIC CONTROL DEVICES.
- A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION FOR REVIEW AND APPROVAL 5 DAYS PRIOR TO COMMENCEMENT OF WORK.
- PARTICULAR ATTENTION SHOULD BE MADE TO THE FOLLOWING ITEMS:
 - THERE SHALL BE, AT ALL TIMES, REASONABLE PEDESTRIAN AND VEHICULAR ACCESS TO AND FROM THE PROPERTIES IMPACTED BY THE PROJECT.
 - DURING NON-WORKING HOURS, THE CONTRACTOR SHALL KEEP THE EXISTING TRAFFIC LANES CLEAR FOR TRAFFIC WITHOUT INTERFERENCE FROM HIS OPERATIONS.
 - SIGNS AND BARRICADES SHALL BE SUPPLEMENTED BY FLASHER UNITS, DURING THE HOURS OF DARKNESS, AT CONSTRUCTION SITES IN CLOSE PROXIMITY TO VEHICULAR AND PEDESTRIAN WAYS.
 - ANY ASPHALT CONCRETE PAVEMENT, CRUSHED SURFACING, GRAVEL BASE, ASPHALT COLD PATCH MIX OR WATER, REQUIRED FOR MAINTAINING TRAFFIC DURING THE PROJECT, SHALL BE PLACED BY THE CONTRACTOR IMMEDIATELY UPON REQUEST BY THE CITY.
 - ALL UNATTENDED EXCAVATIONS SHALL BE PROPERLY COVERED, BARRICADED OR FENCED.
 - ANY WORK WITHIN THE RIGHT-OF-WAY THAT INVOLVES CLOSING STREETS OR HAMPERING THE FLOW OF TRAFFIC WILL REQUIRE 48 HOURS ADVANCE NOTIFICATION. EXCEPT IN THE EVENT OF AN EMERGENCY, TO THE FOLLOWING:
 - FIRE DEPARTMENT: (425) 556-2200
 - POLICE DEPARTMENT: (425) 556-2500
 - CONSTRUCTION DIVISION: (425) 556-2723
 - PUBLIC WORKS RECEPTIONIST: (425) 556-2701
 - METRO: (206) 684-1705 (24-HOUR NUMBER) OR (206) 684-1111
 - LAKE WASHINGTON SCHOOL DISTRICT - BUSINESS HOURS CALL (425) 882-5128, AFTER HOURS CALL (425) 868-3885
- ANY CONSTRUCTION WORK ON A MAJOR ARTERIAL ROADWAY OR WITHIN A CONTROLLED INTERSECTION WHICH WILL IMPACT THE FLOW OF TRAFFIC, MAY BE REQUIRED TO TAKE PLACE DURING OFF-PEAK HOURS (IE 8:00 PM TO 5:30 AM) OR ON WEEKEND DAYS AS DETERMINED BY THE CITY OF REDMOND. THIS WORK SHALL ALSO REQUIRE THE ASSISTANCE OF AN OFF-DUTY POLICE OFFICER FOR TRAFFIC CONTROL PURPOSES. THE NEED FOR CITY INSPECTION OUTSIDE OF NORMAL WORKING HOURS (7:00 AM TO 3:30 PM) MAY REQUIRE THE CONTRACTOR/OWNER TO REIMBURSE THE CITY FOR OVERTIME COSTS IN ACCORDANCE WITH THE POLICY ON OVERTIME RATE REIMBURSEMENT.
- THE PROCEDURE FOR TEMPORARY CLOSURE OR RESTRICTION OF ANY STREET, ROAD, OR HIGHWAY IS SUBJECT TO SECTION 10.24.047 OF THE REDMOND MUNICIPAL CODE.
- CONTRACT CITY TRAFFIC SIGNAL TECHNICIAN AT (425)556-2830 FOR SIGNAL TIMING MODIFICATION, IF ANY, 48 HOURS PRIOR TO CLOSING LEFT-TURN LANE ON NE 165TH STREET.

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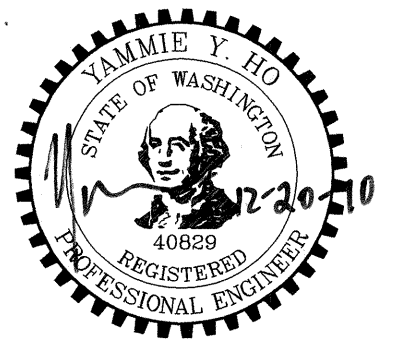
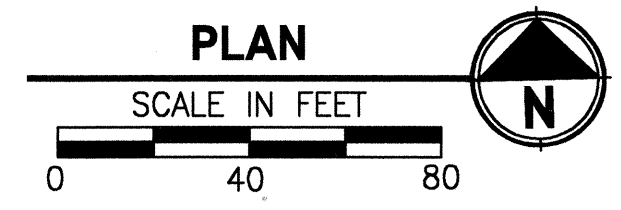
APPROVED FOR CONSTRUCTION

FOR: WILLIAM J. CAMPBELL
DIRECTOR OF PUBLIC WORKS
CITY OF REDMOND

PLAN CHK ENGR: *N/A*
STORM: *N/A*
UTILITY: *N/A*
FIRE DEPT: *N/A*
TRANS / ENGR: *N/A*
PLANNING DEPT: *N/A*

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MASTER PLAN TRAIL, REDMOND SEGMENT**
187TH AVENUE NE TO NE 70TH STREET

TRAFFIC CONTROL PLAN

DRAWING NO.
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TC2

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