NE 75TH ST GREENWAY
KIRKLAND, WASHINGTON
PROJECT# 25-18-PW
KIRKLAND AVE FROM RAILROAD AVE TO 116TH AVE NE
N 75TH ST FROM 116TH AVE NE TO 130TH AVE NE
130TH AVE NE FROM NE 75TH ST TO NE 70TH PL
LENGTH 9,400 FEET = 1.78 MILES

CITY OFFICIALS
PENNY SWEET  MAYOR
JAY ARNOLD  DEPUTY MAYOR
TOM MEIR  COUNCIL MEMBER
KELLI CURTIS  COUNCIL MEMBER
TORY NIXON  COUNCIL MEMBER
DAVE ASHER  COUNCIL MEMBER
JON PASCAV  COUNCIL MEMBER
KURT RIPPLETT  CITY MANAGER
KATHY BROWN  PUBLIC WORKS DIRECTOR
ROD STEITZER, P.E.  CAPITAL PROJECTS MANAGER

CONTACT PERSONNEL
MARIUS EUGENIO, P.E.  PROJECT ENGINEER  425-587-3872
R Kick MAYER  COK INSPECTOR  206-456-4265
NATHEN HOVER  COK STREET DEPARTMENT  425-587-3900
JASON OSBORN  COK STREET DEPARTMENT  425-587-3900
TOM CHERST  COK STREET DEPARTMENT  425-587-3900
DISPATCH  COK STREET DEPARTMENT  425-587-3900
JEANNE COLEMAN  PUIGET SOUND ENERGY  425-446-5470
JAY SCHMID  FRONTIER COMMUNICATIONS  425-265-4035
JOHN NICHOLSON  INTEGRA TELECOM  425-970-7000
RAYMOND PILLEN TOY  COMCAST CABLE  425-263-5332
KING COUNTY METRO  206-684-2722
BETH BROOK  LAKE WASH. SCHOOL DIST.  425-882-5147
JEFF MILES  LAKE WASH. SCHOOL DIST.  425-882-5120
GREG MATOTE  NORTHSHORE UTILITY DIST.  425-398-4400
EMERGENCY  911
ONE CALL  800-434-5555

100% SUBMITTAL - NOT FOR CONSTRUCTION
### DRAWING INDEX

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### BASE MAP NOTES:

1. See alignment plans for survey control notes. The alignment plans indicate which road segments and intersections were surveyed by Lin and Associates.
2. The base maps for all other road segments and intersections were created from GIS provided by the City of Kirkland and do not reflect survey accuracy.
3. The contractor shall confirm actual field conditions and shall notify engineer of any conflicts or discrepancies prior to construction.
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14. A FINAL INSPECTION OF YOUR PROJECT WILL NOT BE GRANTED IF THE TEMPORARY CONSTRUCTION ENTRANCE OR ANY OTHER AREA WITH HEAVY VEHICLE USAGE IS UNLICENSED.
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CITY OF KIRKLAND STANDARD
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2. BEFORE ANY CONSTRUCTION MAY OCCUR, THE CONTRACTOR SHALL HANG SIGNS WHICH MAKE CLEAR THAT THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE CURRENT STATE OF WASHINGTON STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION (WSDOT). THIS SHALL INCLUDE NECESSARY VISUALS OF THE TRENCH KITCHEN ON THE TOP OF THE PRECAST CURB TO HELP IDENTIFY THE EXISTING LOCATIONS OF UTILITIES. ANY UTILITY REQUIRED TO BE SHOWN ON THE PLANS OR ON THE SIGNAGE ON WHICH THE CONTRACTOR IS BASED. THE CONTRACTOR SHALL NOTIFY THE CITY OF KIRKLAND OF THE наличие OF ANY EXISTING UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF RELATIVE CONSTRUCTION ON THE PROJECT.

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LANDSCAPE AND RESTORATION NOTES

1. PROTECT EXISTING TREES PER SITE PREPARATION NOTES AND PLANS. PROTECT ALL USE TOWERS OPPOSITE EXISTING TREES.
2. REMOTE ACCESS AND VEHICULAR TRENCHES PER PERMIT CONDITION ON SITE.
3. INSTALL ADEQUATE LANDSCAPE IMPACT BY CONSTRUCTION TO EXISTING CONDITIONS ON SIDE PROPERTY LINES TO BE SHOWN ON SITE PLAN. LANDSCAPE IMPACT BY CONSTRUCTION TO EXISTING CONDITIONS ON SIDE PROPERTY LINES TO BE SHOWN ON SITE PLAN. LANDSCAPE IMPACT BY CONSTRUCTION TO EXISTING CONDITIONS ON SIDE PROPERTY LINES TO BE SHOWN ON SITE PLAN.
4. ALL MANHOLE GEAR SHALL BE PRINTED ATTACHED AND RESTORED TO IT IF TYPETAB OF THE TYPE SPECIFIED.

APPROXIMATE LOCATION OF EXISTING UTILITIES HAS BEEN DEFINED FROM AVAILABLE INFORMATION. THE CONTRACTOR MAY BE RESPONSIBLE FOR VERIFYING INFORMATION. EXISTING UTILITY LOCATIONS OBTAINED OR NOT OBTAINED ARE OWNERSHIP OF THE Installer. THE CONTRACTOR SHALL BE ARRESTED ALL CAUTION TO AVOID DAMAGE TO EXISTING UTILITY LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE CITY OF KIRKLAND OF THE наличие OF ANY EXISTING UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF RELATIVE CONSTRUCTION ON THE PROJECT.

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FRONT ELEVATION

28" AT-GRADE EMBEDDED ANCHOR CUP

1.9" 2" ALUMINUM ANCHOR CUP

NOTES:
1. POST SHALL BE WHITE WITH WHITE TUFF CURB UNLESS OTHERWISE NOTED ON PLANS
2. POSTS SHALL HAVE PINCHED TOPS

PERSPECTIVE WITH EMBEDDED ANCHOR CUP

ANCHOR CUP PLUG CAP

SPINS INTO EMBEDDED ANCHOR CUP

ANCHOR CUP TIGHTEN WITH WRENCH AS SHOWN

FLEXIBLE DELINEATOR POST

WHITE TUFF CURB WITH POST DETAIL

MATCH BIKES LANE WIDTH

TYPICAL BICYCLE CROSSING PAVEMENT MARKING

YIELD SYMBOL PAVEMENT MARKING

NOTES:
1. POST SHALL BE WHITE WITH WHITE TUFF CURB UNLESS OTHERWISE NOTED ON PLANS
2. POSTS SHALL HAVE PINCHED TOPS

WHITE TUFF CURB WITH POST DETAIL

TYPICAL BICYCLE CROSSING PAVEMENT MARKING

GREEN THERMOPLASTIC PAVEMENT MARKING AND ANTI-SKID SURFACING (TYP)
NOTES:
1. SHARED LANE PAVEMENT MARKINGS SHALL BE PLACED AT BEGINNING AND END OF BLOCKS AND EVERY 120 FEET ALONG THE CORRIDOR. MARKINGS SHALL BE FIELD ADJUSTED TO AVOID BEING INSTALLED ON UTILITY LIDS, OR OTHER STRUCTURES IN THE ROADWAY. FINAL PLACEMENT TO BE VERIFIED BY ENGINEER.
2. SEE PRE-APPROVED PLAN NO. CK-R.46 FOR SHARED LANE MARKING DETAIL.

BI-DIRECTIONAL SHARROW PLACEMENT

NOTES:
1. SHARED LANE PAVEMENT MARKINGS SHALL BE PLACED AT BEGINNING AND END OF BLOCKS AND EVERY 120 FEET ALONG THE CORRIDOR. MARKINGS SHALL BE FIELD ADJUSTED TO AVOID BEING INSTALLED ON UTILITY LIDS, OR OTHER STRUCTURES IN THE ROADWAY. FINAL PLACEMENT TO BE VERIFIED BY ENGINEER.
2. SEE PRE-APPROVED PLAN NO. CK-R.46 FOR SHARED LANE MARKING DETAIL.

BIKE DOT WITH ARROW DETAIL

NOTES:
1. THE BIKE DOT ORIENTATION SHALL BE THE SAME DIRECTION AS ACCOMPANYING ARROW UNLESS SPECIFIED.
2. SHARROW SHALL BE THERMOPLASTIC, HEAT FUSED, PREFORMED, 90 MIL., OR EQUAL APPROVED BY ENGINEER.
SURVEY CONTROL NOTES:

HORIZONTAL BASIS OF BEARINGS: NAD 83/91

THE WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM
OF NAD 83/91, LOCALLY PROJECT COMBINED SCALE FACTOR = 0.9999714

VERTICAL BASIS:

THE VERTICAL BASIS IS NAVD88, GPS DERIVED FROM THE WSRN-CORS USING GEOID12B MODEL.

METHODS/NOTES:

A COMBINED HORIZONTAL-VERTICAL CONTROL NETWORK CONSISTING OF STREET INTERSECTIONS
WERE DERIVED FROM DIRECT RTN, TIME NETWORK INTO GPS OBSERVATIONS UTILIZED THE
WASHINGTON STATE REFERENCE NETWORK DURING THE REALIZATION OF NAD 83/2011 EPOCH
2010.00.

A MEAN NORTHING AND EASTING COORDINATE SHIFT PROGRESS 30 DECEMBER 2017 TO NAD 83/91
AND DETERMINED FROM 3 PUBLISHED WSDOT DATA SHEETS AND 1 CITY OF BELLEVUE DATA SHEET.
LOCAL TO THE PROJECT AREA. A SHIFT OF 0.342 IN NORTHING AND A SHIFT OF 0.354 IN EASTING
WERE APPLIED TO THE NAD 83/2011 COORDINATES TO YIELD NAD 83/91 COORDINATES.

DATE VISITED:


SURVEY CONTROL:

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<th>ELEVATION</th>
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POINT OF INTERSECTION:

116TH AVENUE NE = 23+15.87

NE 75TH ST = 30+00
1. See AT SHEET SERIES FOR TEMPORARY EASEMENT LIMITS.
2. SEE PV SHEET SERIES FOR PAVING LIMITS/ REMOVAL.
3. See NT SHEET SERIES FOR GENERAL NOTES AND LEGEND.
4. See CH SHEET SERIES FOR SIGN REMOVALS.
5. See TS SHEETS FOR TRAFFIC SIGNAL REMOVALS.
6. All dimensions are subject unless otherwise noted.
7. Underlying utility locations shown are approximate based on field locations.
   Potentially, and as-built drawings.
8. Call underground utility location center at 1-800-424-5555 48 hours prior to work begin.
9. Driveway access must be maintained at all times unless otherwise approved by the City of Kirkland.
10. Pavement to be sawcut when removal limits abuts pavement to remain in place.
11. Vegetation protection and restoration per specifications, save and protect all existing vegetation outside the clearing and grubbing limits.
12. Tree critical root zone (CRZ) is the area equal to a 1-foot radius of the tree trunk diameter plus 4.5' above grade. All work in CRZ shall be done by hand. See pre-approved plan no. CK-R.49.
13. See specifications for tree and vegetation trimming and pruning requirements. All pruning shall be performed by a certified arborist at the direction of the engineer. Pruning and trimming may be required by City of Kirkland following sign installation to provide visibility of signs.
14. Flag trees to be removed for engineer’s approval prior to removal.
15. See OP SHEET SERIES for overview plans showing site preparation, channelization and signage not included on the SP and CH plans.

SAWCUT LIMITS (TYP)

SITE PREPARATION LEGEND:
- RIGHT-OF-WAY
- TREE, VEGETATION AND SOIL PROTECTION FENCE PER PRE-APPROVED PLAN NO. CK-R.49
- TREE CRITICAL ROOT ZONE, SEE NOTE 10
- CLEARING AND GRUBBING
- REMOVE FULL DEPTH ASPHALT PAVEMENT
- REMOVE CONCRETE PAVEMENT
- REMOVE CURB
- SAWCUT PAVEMENT
- SAWCUT AT NEAREST JOINT
- STORM DRAIN PROTECTION INSERT PER PRE-APPROVED PLAN NO. CK-E.11
- STRAW WATTLE PER PRE-APPROVED PLAN NO. CK-E.10

SITE PREPARATION CONSTRUCTION NOTES:
- PRESERVE AND PROTECT OR AUGMENT TL/BY, MLA, CK, UTILITY LC.
- PRESERVE AND PROTECT TREES, SEE NOTES 9 & 10
- REMOVE TREE, SEE NOTE 12
- TREE CRITICAL ROOT ZONE, SEE NOTE 10
- REMOVE CURB
- SAWCUT AT NEAREST JOINT

SITE PREPARATION NOTES:
1. SEE AT SHEET SERIES FOR TEMPORARY EASEMENT LIMITS.
2. CALL UNDERGROUND UTILITY LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO WORK BEGIN.
3. DRIVeway ACCESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE CITY OF KIRKLAND.
4. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE BASED ON FIELD LOCATES, POTHOLING, AND AS-BUILT DRAWINGS.
5. SEE CH SHEET SERIES FOR SIGN REMOVALS.
6. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE BASED ON FIELD LOCATES, POTHOLING, AND AS-BUILT DRAWINGS.
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SITE PREPARATION NOTES:
1. SEE PW SHEETS SERIES FOR PRELIMINARY EASEMENT LIMITS.
2. SEE PT SHEETS SERIES FOR GENERAL NOTES AND LEGENDS.
3. SITE PREPARATION NOTES FOR SITE PREPARATION LEGEND.
4. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
5. ALL EXISTING BOUNDARIES ARE APPROXIMATE BASED ON FIELD LOCATION, POTENTIALS AND AS BUILT DRAWINGS.
6. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
7. DRIVEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE CITY OF KIRKLAND.
8. PAVEMENT TO BE SAWCUT WHEN REMOVAL LIMIT ABUTS PAVEMENT TO REMAIN IN PLACE.
9. VEGETATION PROTECTION AND RESTORATION PER SPECIFICATIONS. SAVE AND PROTECT ALL EXISTING VEGETATION OUTSIDE THE CLEARING AND GRUBBING LIMITS.
11. SEE SPECIFICATIONS FOR TREE AND VEGETATION TRIMMING AND PRUNING REQUIREMENTS. ALL PRUNING SHALL BE PERFORMED BY A CERTIFIED ARBORIST AT THE DIRECTION OF THE ENGINEER. PRUNING AND TRIMMING MAY BE REQUIRED BY CITY OF KIRKLAND FOLLOWING SIGN INSTALLATION TO PROVIDE VISIBILITY OF SIGNS.
12. FLAG TREES TO BE REMOVED FOR ENGINEER'S APPROVAL PRIOR TO REMOVAL.
13. SEE OP SHEET SERIES FOR OVERVIEW PLANS SHOWING SITE PREPARATION, CHANNELIZATION AND SIGNAGE NOT INCLUDED ON THE SP AND CH PLANS.

SITE PREPARATION CONSTRUCTION NOTES:
1. SEE PW SHEETS SERIES FOR TEMPORARY EASEMENT LIMITS.
2. SEE PV SHEETS SERIES FOR PAVING LIMITS.
3. SEE NT SHEETS SERIES FOR GENERAL NOTES AND LEGENDS.
4. SEE CH SHEETS SERIES FOR SIGN REMOVALS.
5. SEE TS SHEETS SERIES FOR TRAFFIC SIGNAL REMOVALS.
6. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE BASED ON FIELD LOCATION, POTENTIALS AND AS-BUILT DRAWINGS.
7. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
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10. VEGETATION PROTECTION AND RESTORATION PER SPECIFICATIONS. SAVE AND PROTECT ALL EXISTING VEGETATION OUTSIDE THE CLEARING AND GRUBBING LIMITS.
12. SEE SPECIFICATIONS FOR TREE AND VEGETATION TRIMMING AND PRUNING REQUIREMENTS. ALL PRUNING SHALL BE PERFORMED BY A CERTIFIED ARBORIST AT THE DIRECTION OF THE ENGINEER. PRUNING AND TRIMMING MAY BE REQUIRED BY CITY OF KIRKLAND FOLLOWING SIGN INSTALLATION TO PROVIDE VISIBILITY OF SIGNS.
13. FLAG TREES TO BE REMOVED FOR ENGINEER'S APPROVAL PRIOR TO REMOVAL.
PAVING AND GRADING NOTES:
1. SEE DRAWING SHEET SERIES FOR GENERAL NOTES AND LEGEND.
3. VERTICAL CURB PER PRE-APPROVED PLAN NO. CK-R.17C.
4. FULL DEPTH HMA PER PRE-APPROVED PLAN NO. CK-R.09.
5. PAVEMENT PATCH PER PRE-APPROVED PLAN NO. CK-R.12.
7. GRIND EXISTING HMA AND OVERLAY (DEPTH PER PLANS).
8. DETECTABLE WARNING SURFACE PER PRE-APPROVED PLAN NO. CK-R.25B.
9. EXISTING CATCH BASIN.
10. COORDINATE INSTALLATION OF CATCH BASIN WITH CITY ENGINEER.
11. PIPE INSTALLATION SHALL FOLLOW PRE-APPROVED PLAN NO. CK-D.02.

PAVING AND GRADING AND DRAINAGE LEGEND:
- RIGHT-OF-WAY
- Curb and Gutter Per Pre-Approved Plan No. CK-R.17
- Vertical Curb Per Pre-Approved Plan No. CK-R.17C
- Full Depth HMA Per Pre-Approved Plan No. CK-R.09
- Pavement Patch Per Pre-Approved Plan No. CK-R.12
- Cement Concrete Ramp or Sidewalk, Per Pre-Approved Plan No. CK-R.21, CK-R.23
- Grind Existing HMA and Overlay (Depth Per Plans)
- Lawn
- Existing Contours
- Proposed Contours
- Detectable Warning Surfaces Per Pre-Approved Plan No. CK-R.25B
- Existing Catch Basin
SITE PREPARATION NOTES:
1. SEE SP SHEET SERIES FOR ADDITIONAL SITE PREPARATION NOTES.
2. SEE CT SHEET SERIES FOR ADDITIONAL SITE PREPARATION NOTES.
3. SEE TP SHEET SERIES FOR ADDITIONAL SITE PREPARATION NOTES.

CHANNELIZATION AND SIGNING NOTES:
1. SEE DT SHEET SERIES FOR ADDITIONAL CHANNELIZATION AND SIGNING NOTES.
2. SEE CH SHEET SERIES FOR ADDITIONAL CHANNELIZATION AND SIGNING NOTES.
3. SEE ST SHEET SERIES FOR ADDITIONAL CHANNELIZATION AND SIGNING NOTES.

CHANNELIZATION AND SIGNING CONSTRUCTION NOTES:
- INSTALL BIDIRECTIONAL SHARROW
- INSTALL D11-1 SIGN (24"x18")
- INSTALL R2-20 SIGN (24"x30")
- INSTALL 10' POST PER PRE-APPROVED PLAN NO. CK-R.44
- INSTALL SHARED LANE MARKING PER PRE-APPROVED PLAN NO. CK-R.46

SITE PREPARATION CONSTRUCTION NOTES:
- TRIM/PRUNE TREE OR VEGETATION, SEE SITE PREPARATION NOTE 4.

NOTES:
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PROJECT # 25-18-PW
KIRKLAND, WA
- KIRKLAND GREENWAYS
- OP1
- OVERVIEW PLAN
- 100% SUBMITTAL - NOT FOR CONSTRUCTION
**CHANNELIZATION AND SIGNING NOTES:**

1. SEE NT SHEET SERIES FOR GENERAL NOTES AND LEGEND.
2. SEE NT SHEET SERIES FOR GENERAL NOTES AND LEGEND.
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8. SEE NT SHEET SERIES FOR GENERAL NOTES AND LEGEND.
9. SEE NT SHEET SERIES FOR GENERAL NOTES AND LEGEND.

**CHANNELIZATION AND SIGNING LEGEND**

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**CHANNELIZATION AND SIGNING PLAN**

- **KIRKLAND AVENUE**
- **RAILROAD AVENUE**
- **R 5TH STREET**
- **100% SUBMITTAL - NOT FOR CONSTRUCTION**
CHANNELIZATION AND SIGNING NOTES:

1. SEE NT SHEET SERIES FOR GENERAL NOTES AND LEGEND.
2. SEE DT SHEET SERIES FOR PAVEMENT MARKING AND SIGNAGE DETAILS.
3. SEE SP SHEET SERIES FOR TREE PROTECTION, TREE AND VEGETATION TRIMMING, AND CHANNELIZATION REMOVAL.
4. SEE PV SHEET SERIES FOR PAVING AND GRADING PLANS.
5. SEE DP SHEET SERIES FOR CURRENT CHANNELIZATION AND SIGNAGE NOT INCLUDED ON THE DP AND CH PLANS.
6. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
7. SIGNS AND SYMBOLS MARKING LOCATIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
8. SIGNS NOTED "TO BE REMOVED" SHALL INCLUDE REMOVAL AND SALVAGE OF SIGNS AND POST PER SPECIFICATIONS UNLESS OTHERWISE NOTED.
9. REPLACE ALL SIGNS "25 SPEED LIMIT" ALONG THE KIRKLAND GREENWAY ROUTE WITH "20 SPEED LIMIT" SIGNS ALONG THE KIRKLAND GREENWAY ROUTE.

CHANNELIZATION AND SIGNING LEGEND

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1. SEE NT SHEET SERIES FOR GENERAL NOTES AND LEGEND.
2. SEE NT SHEET SERIES FOR TREE PROTECTION, TREE AND VEGETATION PRUNING, AND CHANNELIZATION REMOVALS.
3. SEE PV SHEET SERIES FOR PLANTS AND GRADING PLANS.
4. SEE PV SHEET SERIES FOR CONCERN PLANS SHOWN ON PREPARATION, UTILITIES, OR VEGETATION SHEENS NOT TO BE PLACED BASED ON CONDITIONS. SIGNS SHALL NOT BE PLACED CONFLICTING WITH NURSERY, UTILITIES, OR VEGETATION. SIGNS SHALL NOT BE PLACED SHARED RIGHT OF WAY.
5. SIGN AND SYMBOL MARKING LOCATIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION. LOCATION SHOWN ARE APPROXIMATE ONLY. ACTUAL LOCATION SHALL DETTERMINE IN THE FIELD BASED ON CONDITIONS. SIGNS SHALL NOT BE PLACED CONFLICTING WITH NURSERY, UTILITIES, OR VEGETATION. SIGNS SHALL NOT BE PLACED SHARED RIGHT OF WAY.
6. SIGNS NOTED "TO BE REMOVED" SHALL INCLUDE REMOVAL AND BALE OF SIGN AND POST PER SPECIFICATIONS UNLESS OTHERWISE NOTED.
7. REPLACE ALL NO 20 "25 SPEED LIMIT" SIGNS WITH NO 20 "20 SPEED LIMIT" SIGNS ALONG THE BASELINE OWNEY ROUTE.
8. REPLACE ALL NO 20 "25 SPEED LIMIT" SIGNS WITH NO 20 "20 SPEED LIMIT" SIGNS ALONG THE BASELINE OWNEY ROUTE.
9. REPLACE ALL NO 20 "25 SPEED LIMIT" SIGNS WITH NO 20 "20 SPEED LIMIT" SIGNS ALONG THE BASELINE OWNEY ROUTE.

100% SUBMITTAL - NOT FOR CONSTRUCTION
CHANNELIZATION AND SIGNING NOTES:
1. SEE NT SHEET SERIES FOR GENERAL NOTES AND LEGEND.
2. SEE DT SHEET SERIES FOR PAVEMENT MARKING AND SIGNAGE DETAILS.
3. SEE SP SHEET SERIES FOR TREE PROTECTION, TREE AND VEGETATION TRIMMING, AND CHANNELIZATION REMOVALS.
4. SEE PV SHEET SERIES FOR PAVING AND GRADING PLANS.
5. ALL DIMENSIONS ARE IN FEET, UNLESS OTHERWISE NOTED.
6. SIGN AND SYMBOL MARKING LOCATIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION. LOCATIONS SHOWN ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MAY BE DETERMINED IN THE FIELD BASED ON CONDITIONS. SIGNS SHALL NOT BE PLACED TO CONFLICT WITH DRIVEWAYS, UTILITIES, OR VEGETATION. SIGNS SHALL NOT BE PLACED OVER RIGHT OF WAY.
7. SIGNS NOTED “TO BE REMOVED” SHALL INCLUDE REMOVAL AND SALVAGE OF SIGN AND POST PER SPECIFICATIONS UNLESS OTHERWISE NOTED.
8. REPLACE ALL R2-25 “25 SPEED LIMIT” SIGNS WITH R2-20 “20 SPEED LIMIT” SIGNS ALONG THE KIRKLAND GREENWAY ROUTE.
CONSTRUCTION NOTES:
1. INSTALL ONE 2" CONDUIT RISER ON NORTH SIDE OF POLE FOR RRFB SERVICE. FULL SERVICE CONDUCTORS TO TOP OF RISER AND COIL 15' OF WIRE FOR CONNECTION TO PSE.
2. INSTALL AC-POWERED RECTANGULAR RAPID FLASH BEACON (RRFB) SYSTEM BACK-TO-BACK INCLUDING POLE, FOUNDATION, CONTROLLER ENCLOSURE UNIT, AND SIGNS ACCORDING TO MANUFACTURER’S REQUIREMENT. SEE DRAWING TSDT1 DETAIL A FOR RRFB DETAILS.
3. INSTALL BREAKAWAY PUSH-BUTTON POST, FOUNDATION, XAV2 AUDIBLE PUSH BUTTON AND SIGN R10-25 ACCORDING TO WSDOT STANDARD PLAN J-20-15-03 AND MANUFACTURER’S REQUIREMENT.
4. INSTALL BREAKAWAY PUSH-BUTTON POST EAST OF EXISTING CATCH BASK, FOUNDATION, BRIEFLY QUICK BUTTON AND SIGN R10-12B, ACCORDING TO MANUFACTURER’S REQUIREMENT. SEE DRAWING TSDT1 DETAIL B FOR DETAILS. THE DISTANCE BETWEEN BRIEFLY QUICK BUTTON FACE AND CURB FACE SHALL BE 2'.
5. INSTALL ONE 2" CONDUIT. RESTORE FULL SIDEWALK PANEL TO MATCH SURROUNDING AREA.
6. INSTALL SLIP-RESISTANT TYPE 2 JUNCTION BOX ACCORDING TO WSDOT STANDARD PLAN J-40-10-04.
7. INSTALL AC-POWERED RECTANGULAR RAPID FLASH BEACON (RRFB) SYSTEM BACK-TO-BACK INCLUDING POLE, FOUNDATION, SIGNS, AND XAV2 AUDIBLE PUSHBUTTON ACCORDING TO MANUFACTURER’S REQUIREMENT. SEE DRAWING TSDT1 DETAIL A FOR RRFB DETAILS.

GENERAL NOTES:
1. RRFB, PUSHBUTTON POST AND CONDUIT LOCATIONS SHOWN ARE APPROXIMATE. FINAL INSTALLATION LOCATION SHALL AVOID CURB RAMP AND LANDING AREA, AND SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION.
2. ALL WORK SHALL BE PERFORMED PER CITY OF KIRKLAND STANDARDS PLANS AND SPECIFICATIONS, UNLESS OTHERWISE NOTED IN THE DRAWING.
3. INVESTIGATE EXISTING UNDERGROUND UTILITIES PRIOR TO ANY POLE FOUNDATION EXCAVATION OR CONDUIT TRENCHING TO AVOID DAMAGE TO ANY EXISTING UNDERGROUND UTILITIES.
4. CONDUITS SHALL BE SCHEDULE 80 PVC.
5. ALL MATERIALS SHALL GO THROUGH THE SUBMITTAL REVIEW PROCESS AND BE APPROVED BY THE CITY ENGINEER.
6. REFERENCE TO CITY’S PRE-APPROVED POLICY R-24: RECTANGULAR RAPID FLASH BEACON (RRFB) INSTALLATION POLICY FOR RRFB COMPONENT LIST.
7. REFERENCE SHEET SP5, PV5 AND CH5 FOR SITE PREPARATION, PAVEMENT REPAIR, AND ROADWAY CHANNELIZATION AND SIGNING.

WIRING SCHEDULE

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<tr>
<th>RUN NO.</th>
<th>CONDUIT SIZE</th>
<th>SERVICE POWER 2-42</th>
<th>CONTROLLER 2-410</th>
<th>RRFB 1-4C</th>
<th>PUSH BUTTON 1-6C</th>
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* COIL 15' OF WIRE FOR PSE POWER CONNECTION.
1. PEDESTRIAN PUSHBUTTON AND SIGN ASSEMBLY - MAY BE SEPARATE PARTS. USE 9" (IN) X 12" (IN) R10-25 SIGN IN ACCORDANCE WITH 2009 MUTCD. SIGN MAY INCLUDE INTEGRATED WARNING LIGHTS. COORDINATE WITH CITY OF KIRKLAND FOR AUDIBLE MESSAGE.

2. SEE WSDOT STANDARD PLAN J-21.10-04 FOR SIGNAL STANDARD FOUNDATION WITH FIXED BASE DETAILS.

3. BIKE PUSHBUTTON AND SIGN ASSEMBLY - MAY BE SEPARATE PARTS. USE 9" (IN) X 12" (IN) R10-25C SIGN IN ACCORDANCE WITH 2009 MUTCD. SIGN MAY INCLUDE INTEGRATED WARNING LIGHTS. COORDINATE WITH CITY OF KIRKLAND FOR AUDIBLE MESSAGE. SEE WSDOT STANDARD PLAN J-21.10-04 FOR INSTALLATION DETAILS.

4. SEE WSDOT STANDARD PLAN G-20.10-04 FOR INSTALLATION DETAILS.

5. TERMINATE RRFB WIRE CONNECTIONS PER MANUFACTURER'S RECOMMENDATION.

6. CONTROL CABINET ENCLOSURE SHALL BE SIZED BY THE RRFB MANUFACTURER. THE CONTROL CABINET SHALL BE MANUFACTURED PER TERMINAL CABINET REQUIREMENTS OF WSDOT STANDARD SPECIFICATION SECTION 9-29.25.

AC POWERED RECTANGULAR RAPID FLASH BEACON DETAIL A (NTS)

BIKE PUSHBUTTON POST DETAIL B (NTS)