



PARKWOOD TERRACE

Safe Walk Report

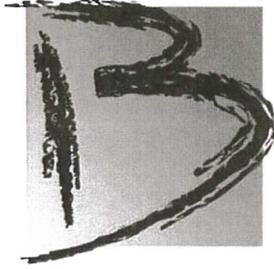
prepared for:
Quadrant Homes

date:
March 10, 2015

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**CITY OF WOODINVILLE
DEVELOPMENT SERVICES**



Parkwood Terrace

City of Woodinville, Washington

Safe Walk Report

Prepared for
Quadrant Homes
14725 SE 36th Suite 200
Bellevue, WA 98006

Date: March 10th, 2015

Blueline Job No. 14-175

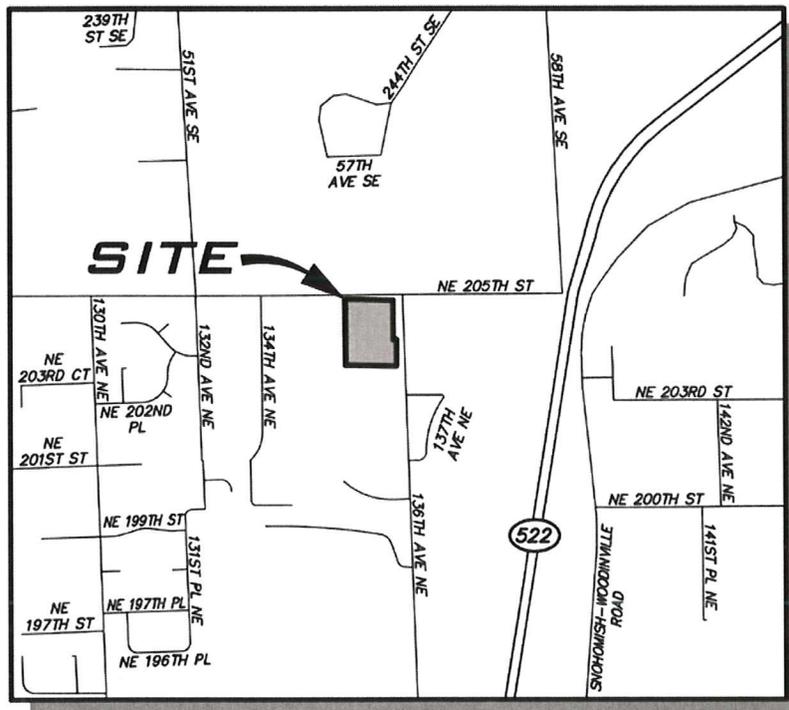
Prepared by: Chester Bennett
Reviewed by: Geoff Tamble, PE

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Section 1 Project Overview

The Parkwood Terrace project (formerly known as the Church project) is located at 13457 NE 205th Street, Woodinville WA. The site contains two adjacent parcels that make up the southwest corner at the intersection of NE 205th Street and 136th Ave NE.



Vicinity Map
not to scale

In the existing condition, both parcels are comprised of single family residences with associated driveways and several sheds and garages. The site contains gravel drive aisles, gravel parking areas, maintained residential lawn, and thick brush and forested cover at the southern and eastern portions of the site.

The Parkwood Terrace project proposes to subdivide the two existing parcels into 15 lots with supporting infrastructure, including roadway, utilities, drainage tract, and a sensitive area tract. Existing residences, infrastructure, and all sheds and garages will be removed, and access will be provided on the eastern boundary of the site from 136th Ave NE.

The purpose of this report is to identify and detail safe walking routes to nearby elementary and high schools for the subject property described above.

Section 2 Safe Walk Routes Existing Conditions

The project is required to provide safe walk routes to the nearest high school as well as elementary school. One reasonable walking path was identified as a route to Woodinville High School and two reasonable walking paths were identified as routes to Woodin Elementary School. Please see the *Safe Walk Route Exhibit* at the end of this section that shows the routes described below. Photos noted in the description below indicate regions of sidewalk deficiencies found at the time of the field investigation see Section 3 for these photos and further descriptions.

Woodinville High School

The High School route is approximately 1,651 feet in length. The route begins at the corner of NE 205th Street and 136th Ave NE and follows 136th Ave NE to the south. The walking path to Woodinville High School

From the starting point there is a gravel / dirt shoulder (photo 1) on the west and east side of the 136th Ave NE that ranges from approximately 3 – 7 feet in width. These shoulders extend south along the west and east sides of 136th Ave NE for approximately 379 feet.

At this point a paved sidewalk begins on the east side of 136th Ave NE that extends 789 feet. The paved walk then transitions into a gravel walk near the Rotary Community Park and continues along the east side of 136th Ave NE for approximately 483 feet to meet a paved sidewalk at the traffic circle adjacent to the northeastern corner of the Woodinville High School property.

Returning to the west side of the street, 379 feet from the corner of NE 205th Street and 136th Ave NE the gravel / dirt shoulder on the west side of 136th Ave NE continues for approximately 55 feet. At this point a paved sidewalk begins on the west side of 136th Ave NE and extends south for approximately 180 feet before ending. At this point a gravel / dirt shoulder begins that is approximately 5 – 8 feet in width (photo 2) and extends south for approximately 398 feet. The remaining distance of the walking path on the west side of 136th Ave NE to Woodinville High School, approximately 639 feet, is outfitted with paved sidewalk along with appropriately signed and marked cross walks traversing roadways and access roads. The Safe Walk Route analysis was terminated at the northeastern corner of the Woodinville High School property along 136th Ave NE.

Woodin Elementary School

Elementary Route 1 is approximately 4,575 feet in length. The route begins at the corner of NE 205th Street and 136th Ave NE and follows 136th Ave NE to the south. The route continues along NE 195th Street to end at Woodin Elementary School. From the starting point there is a gravel / dirt shoulder

(photo 1) on the west and east side of the 136th Ave NE that ranges from approximately 3 – 7 feet in width. These shoulders extend south along the west and east sides of 136th Ave NE for approximately 379 feet.

At this point a paved sidewalk begins on the east side of 136th Ave NE that extends 789 feet. The paved walk transitions into a crushed gravel walking path that continues along the east side of 136th Ave NE for approximately 483 feet to meet a paved sidewalk at the traffic circle. The paved sidewalk continues around the traffic circle for approximately 150 feet. At this point the paved sidewalk ends and a crushed gravel walking path continues south along the east side of 136th Street for approximately 610 feet. A paved sidewalk begins and continues 251 feet until the intersection of 136th Ave NE and NE 195th Street. The remaining distance of the walking path along the north side of NE 195th Street to Woodin Elementary School, approximately 1,913 feet, is outfitted with paved sidewalks and appropriately signed and marked cross walks traversing roadways and access roads. The safe walk route analysis was terminated at the northeastern corner of the Woodin Elementary School property along NE 195th Street.

Returning to the west side of the street, 379 feet from the corner of NE 205th Street and 136th Ave NE, a gravel / dirt shoulder on the west side of 136th Ave NE continues for approximately 55 feet. At this point a paved sidewalk begins and extends south for approximately 180 feet before ending. At this point a gravel / dirt shoulder begins that is approximately 5 – 8 feet in width (photo 2) and extends south for approximately 398 feet. At this point a paved sidewalk begins on the west side of 136th Ave NE and continues along 136th Ave NE for approximately 1,650 feet until the intersection of 136th Ave NE and NE 195th Street. This section of the walking path is outfitted with paved sidewalks and appropriately signed and marked cross walks traversing roadways and access roads. The remaining distance of the walking path along the north side of NE 195th Street to Woodin Elementary School, approximately 1,913 feet, is outfitted with paved sidewalks and appropriately signed and marked cross walks traversing roadways and access roads. The safe walk route analysis was terminated at the northeastern corner of the Woodin Elementary School property along NE 195th Street.

Elementary Route 2 is approximately 4,535 feet in length. The route begins at the corner of NE 205th Street and 136th Ave NE and follows NE 205th Street to the west. The route then extends south on 132nd Ave NE, 131st Place NE, then west on NE 197th Place, and south on 130th Ave NE to end at Woodin Elementary School. From the starting point the north side of NE 205th Street has a narrow shoulder ranging between 1 – 2 feet (photo 3) that extends approximately 489 feet until a driveway. At this point a shoulder ranging between 3 – 8 feet of grass / dirt (photo 4) extends approximately 771 feet on the north side of the street to the corner of NE 205th Street and 132nd Ave NE.

From the starting point at the corner of NE 205th Street there is a grassy / dirt shoulder (photo 3) on the south side of the NE 205th Street that ranges from approximately 3 – 4 feet in width with an adjacent ditch approximately 2 feet deep. This shoulder extends west along NE 205th Street for approximately 351 feet until just past the northwestern corner of the subject property. At this point there is no shoulder present for approximately 40 feet as the shoulder slopes severely over and around a stream (photo 5). After the stream a paved shoulder flares toward the south side of NE 205th Street to meet a paved sidewalk that extends west for approximately 65 feet until 135th Court NE interrupts the sidewalk and a crosswalk and ramp is provided to cross 135th Court NE. The sidewalk resumes and continues west for approximately 400 feet until 134th Ave NE interrupts the sidewalk and a crosswalk and ramp is provided to cross 134th Ave NE. The sidewalk continues west along NE 205th Street for approximately 73 feet. At this point the sidewalk terminates and a paved shoulder tapers to meet the roadway edge within approximately 20 feet (photo 6). Continuing west along the south side of NE 205th Street there is a ditch approximately 2 feet in depth directly adjacent to the edge of pavement of NE 205th Street. There is no shoulder present for approximately 311 feet (photo 7) until the intersection of NE 205th Street and 132nd Ave NE.

At the corner of NE 205th Street and 132nd Ave NE the walking path along the east side of 132nd Ave NE continues south. From the intersection there is a 6-10 foot shoulder of grass / dirt that extends south along the east side of 132nd Ave NE for approximately 194 feet (photo 8). A paved shoulder then begins to taper to a paved sidewalk within approximately 75 feet. From this point the walking path continues south along 136th Ave NE for approximately 132 feet and ends at residential grass and front yards. Grass of the front yards and a planter strip continue south with an abutting gravel driveway for approximately 339 feet (photo 9). From this point a paved sidewalk continues south on the east side of 132nd Ave NE for approximately 563 feet. The sidewalk path meanders south through the residential neighborhood along 131st Place NE and west along NE 197th Place for approximately 1,294 feet and is outfitted with paved sidewalks on both sides of the street.

From the intersection of NE 205th Street and 132nd Ave NE the walking path along the west side of 132nd Ave NE extends south as a paved sidewalk for approximately 762 feet. The paved sidewalk ends and transitions into a gravel parking area for approximately 100 feet (photo 10). A shoulder, approximately 2 – 3 feet wide, then extends south along the west side of 132nd Ave NE as it meanders through the neighborhood for approximately 503 feet. At this point a paved sidewalk begins on the west side of 132nd Ave NE and 131st Place NE for approximately 60 feet. The remaining distance, approximately 1,172 feet, of the walking path that meanders south through the residential neighborhood along 131st Place NE and west along NE 197th Place is outfitted with paved sidewalks on both sides of the street.

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EXHIBIT 14
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At the intersection of NE 197th Place and 130th Ave NE the walking path continues south along 130th Ave NE with a paved sidewalk along the east side of 130th Ave NE for the remaining distance to Woodin Elementary School, approximately 674 feet. The safe walk route analysis was terminated at the northeastern corner of the Woodin Elementary School property.

SAFE WALK PATH EXHIBIT

EXHIBIT 14
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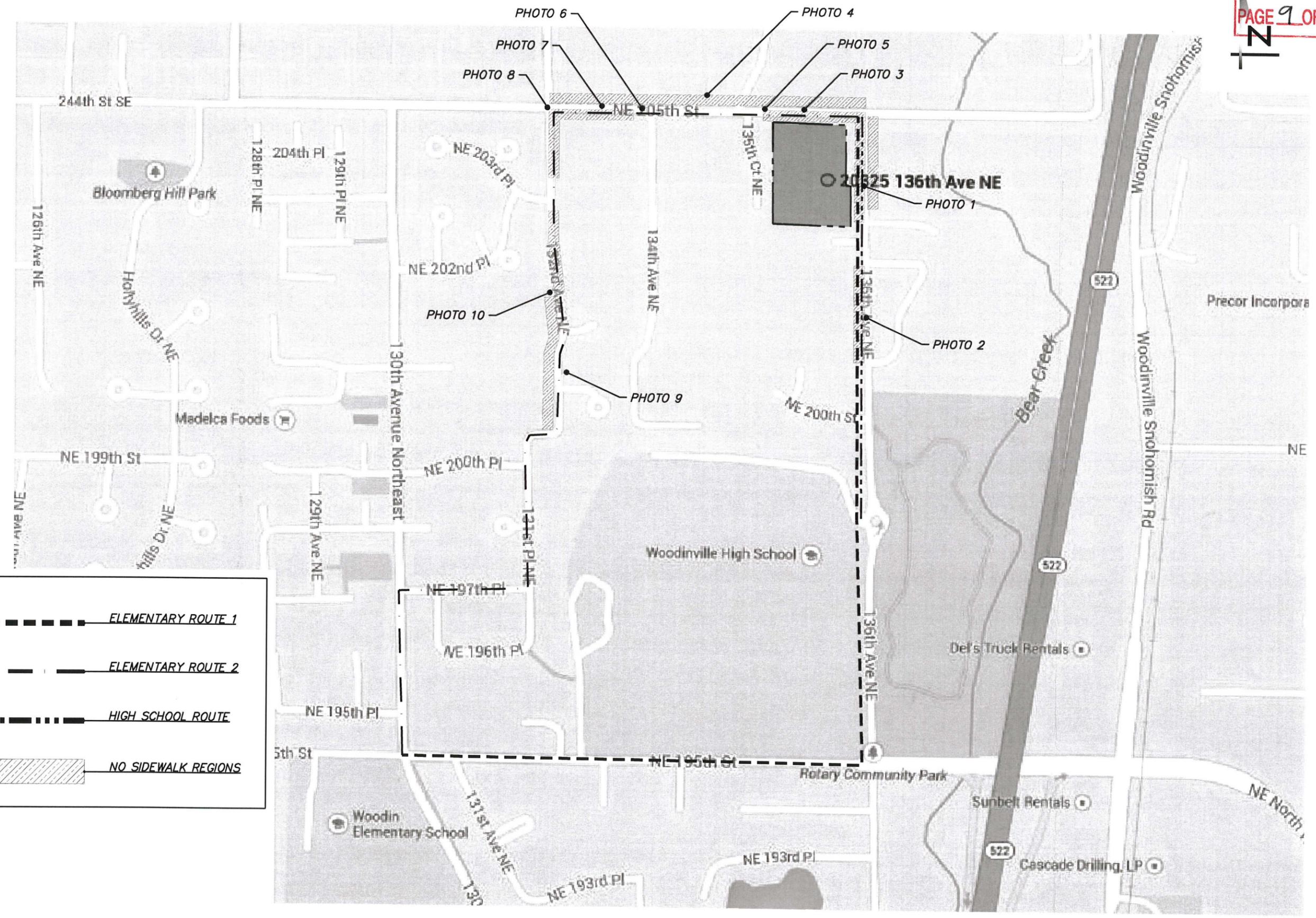


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SAFE WALK PATH EXHIBIT PARKWOOD TERRACE SAFE WALK REPORT

Legend:

- ELEMENTARY ROUTE 1
- ELEMENTARY ROUTE 2
- HIGH SCHOOL ROUTE
- NO SIDEWALK REGIONS



Mar 10, 2015 - 9:50am - User cbennett
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SCALE	NOT TO SCALE
PROJECT MANAGER	GEOFF TAMBLE, PE
DESIGNED BY	CHESTER BENNETT
DRAWN BY	CHESTER BENNETT
PLOT DATE	March 10, 2015
JOB NUMBER:	14-175
FIGURE:	SW

Section 3 Sidewalk Deficiency Photos

High School Route and Elementary School Route 1 Photos



Photo 1: Looking north at shoulder along 136th Ave NE



Photo 2: Looking north at shoulder along 136th Ave NE

Elementary School Route 2 Photos



Photo 3: Looking east at shoulder and ditch along NE 205th Street



Photo 4: Looking west at grass shoulder on north side of NE 205th Street



Photo 5: Looking east at stream shoulder area along NE 205th Street



Photo 6: Looking west along NE 205th Street where sidewalk terminates and paved shoulder taper begins toward roadway edge.



Photo 7: Looking east at ditch along the south side of NE 205th Street



Photo 8: Looking south along 132nd Ave NE at grass / dirt shoulder and paved tapered shoulder in the distance.



Photo 9: Looking north along 132nd Ave NE at the grass front lawn in the far distance. The planter strip and gravel drive way is present in the foreground.



Photo 10: Look south along 132nd Ave NE at gravel parking / turnaround and narrow shoulder in distance on the west side of 132nd Ave NE.