



**CITY COUNCIL**

David Baker, Mayor  
 Allan VanNess, Deputy Mayor  
 Milton Curtis  
 Stacey Denuski  
 Nigel Herbig  
 Brent Smith  
 Laurie Sperry

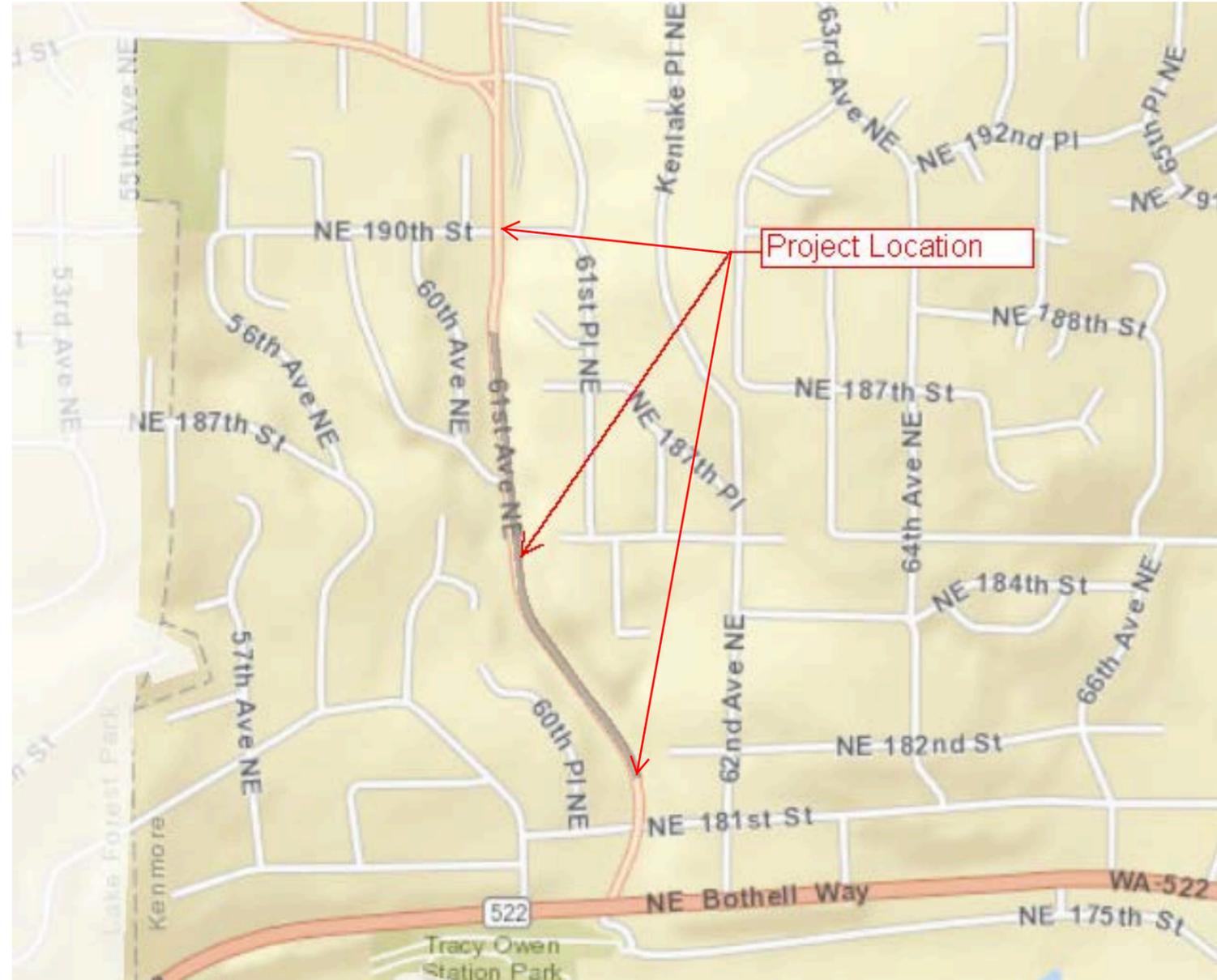
**CITY MANAGER**

Rob Kalinsey

**PUBLIC WORKS DIRECTOR**

Kristen Overleese, P.E.

**PROJECT MANAGER**



Vicinity Map, Not to Scale

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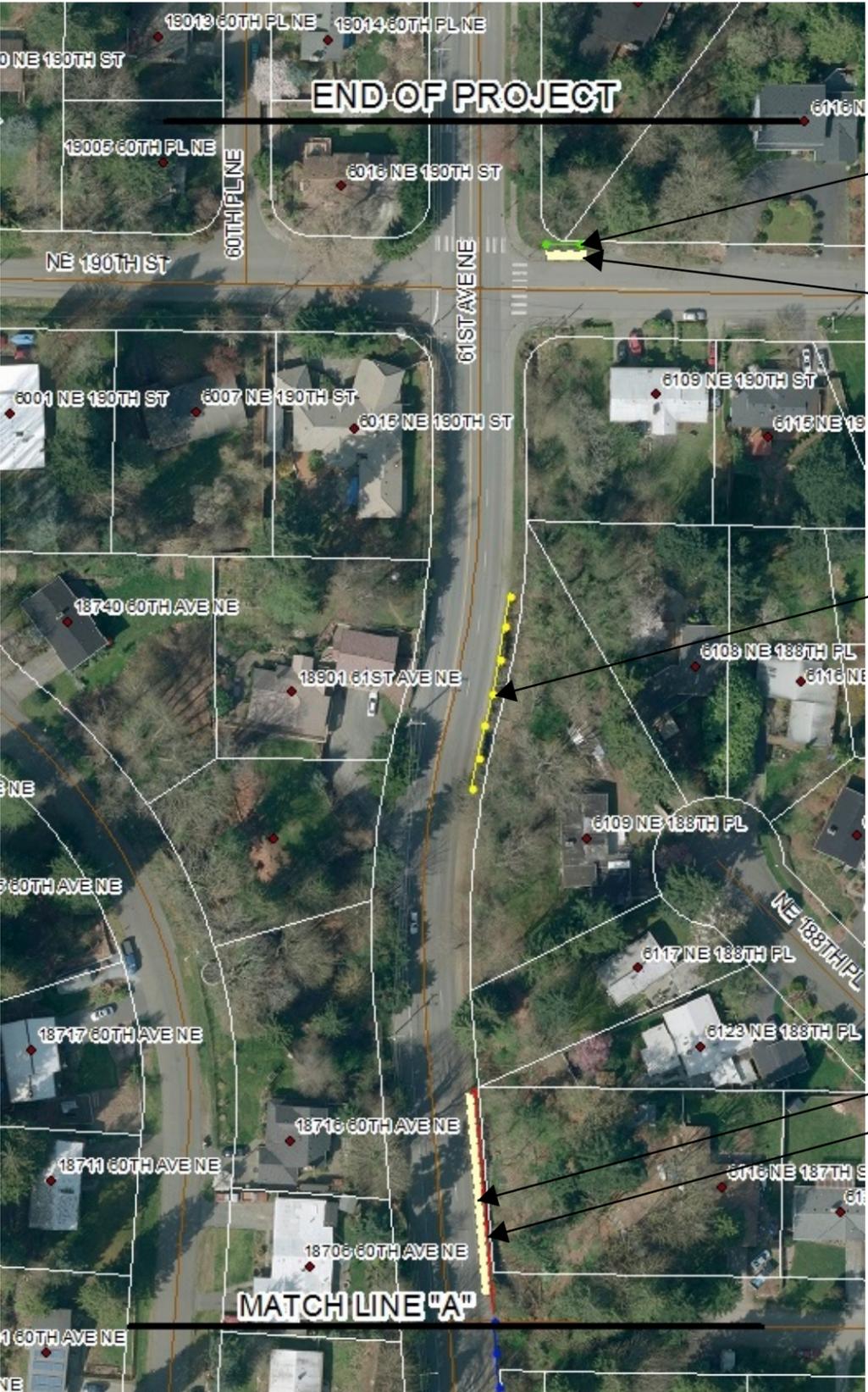


CITY OF KENMORE  
 Public Works Department  
 PO Box 82607  
 Kenmore, WA 98028  
 425-398-8900

Note	Description	Date	By

**GENERAL SITE NOTES**

**CONSTRUCTION NOTES**



⑤ 17 LF

⑦ 8 LF

⑥ 123 LF

① 102 LF

③ 102 LF

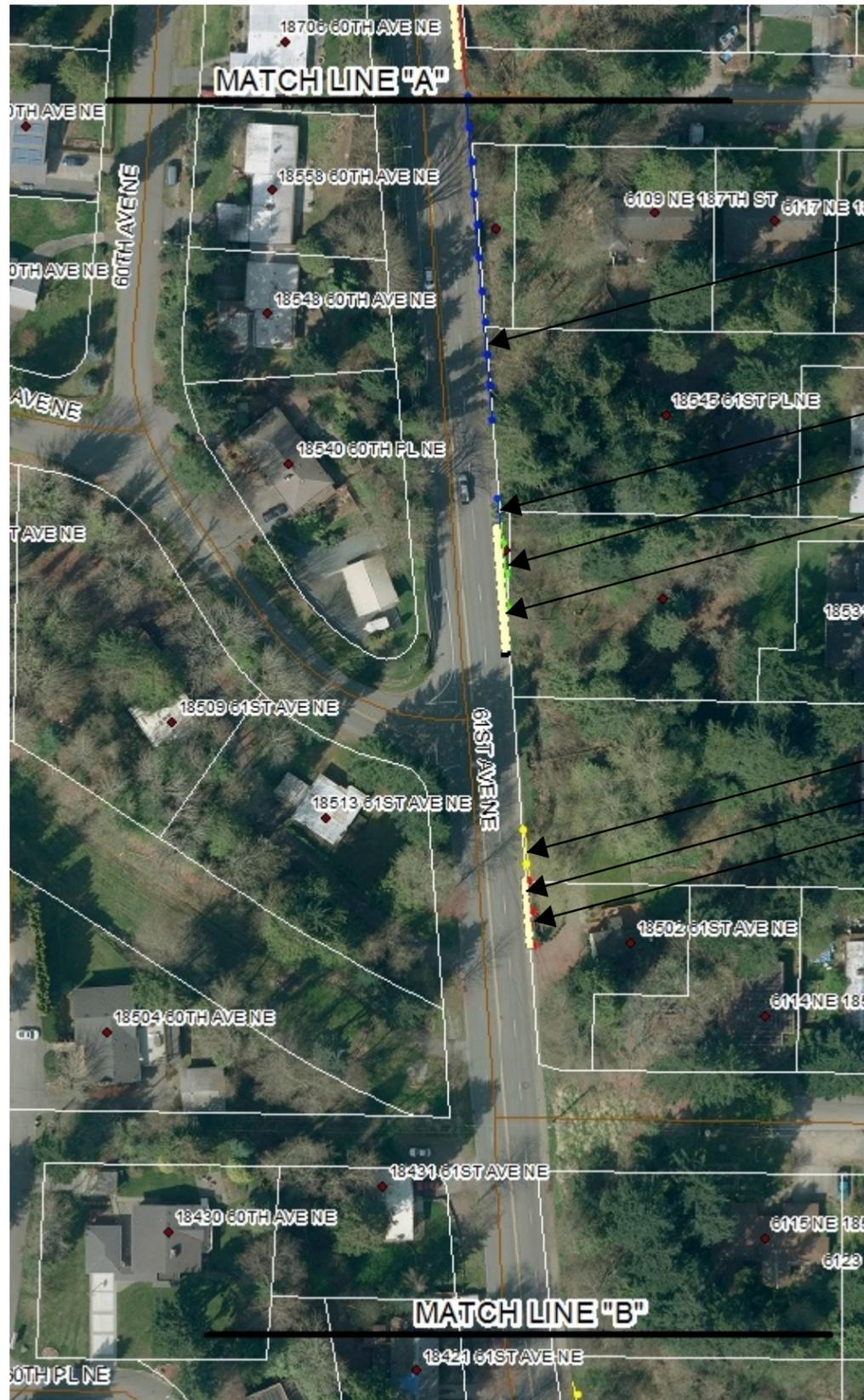
⑥ 40 LF



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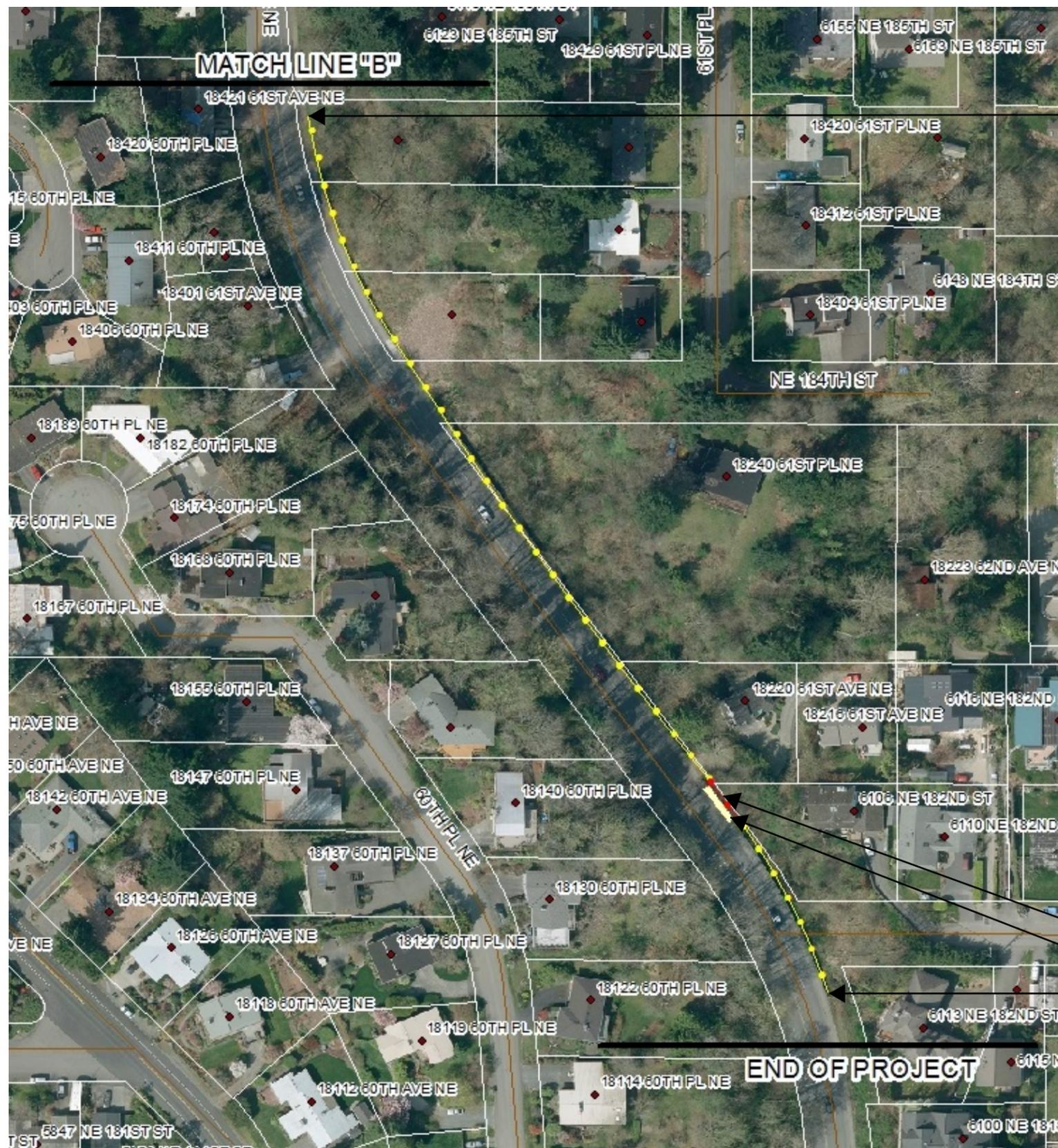
**GENERAL SITE NOTES**

**CONSTRUCTION NOTES**



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Note	Description	Date	By

**GENERAL SITE NOTES**

- ⑥ 880 LF
- ⑧ x 8 EA
- ⑨ x 1 EA

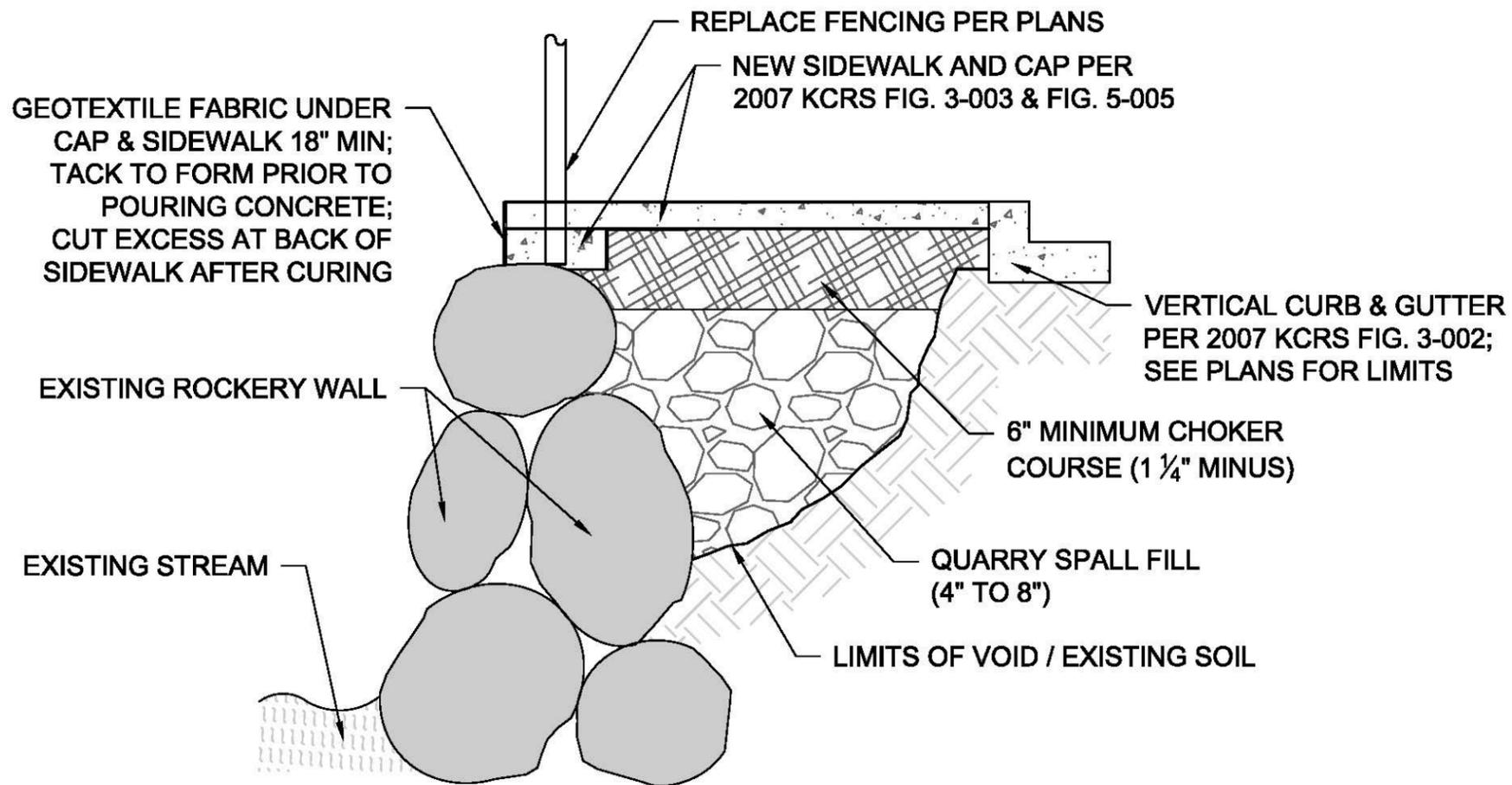
**CONSTRUCTION NOTES**

- ③ 58LF
- ① 62 LF



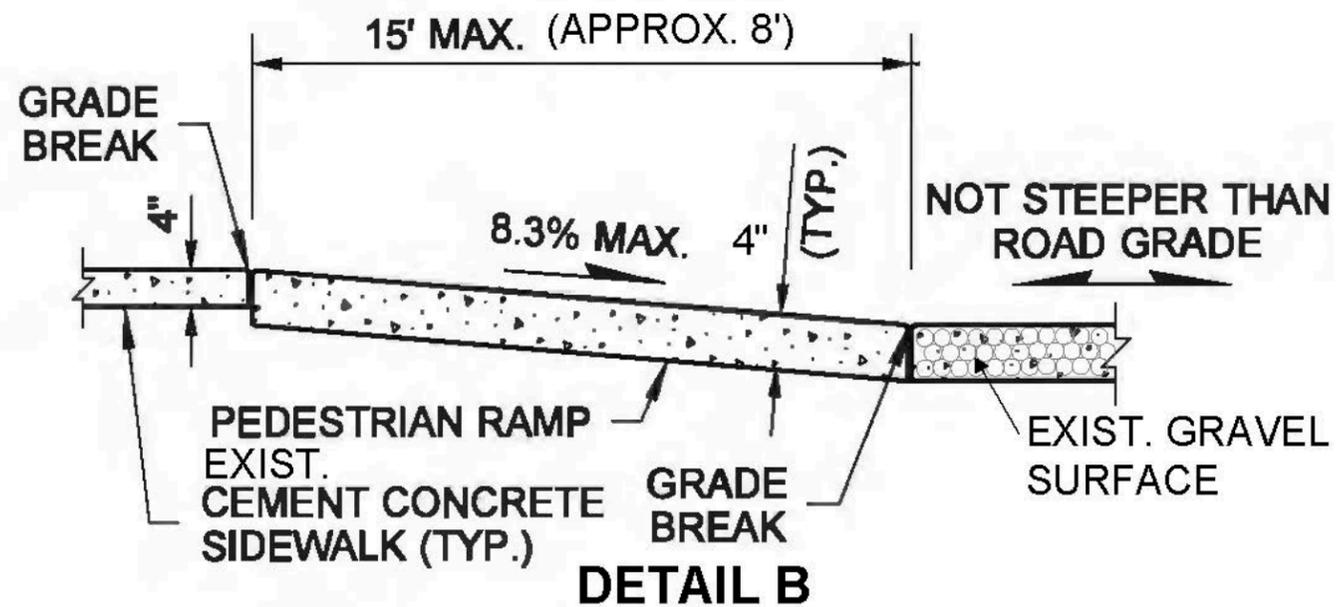
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**DETAIL A - TYPICAL VOID REPAIR**

NOT TO SCALE



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 425-398-8900

Note	Description	Date	By

BUFFER DATA					
LONGITUDINAL BUFFER SPACE = B					
SPEED (MPH)	25	30	35	40	45
LENGTH (feet)	155	200	250	305	360
BUFFER VEHICLE ROLL AHEAD DISTANCE = R					
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA				NO SPECIFIC DISTANCE REQUIRED	

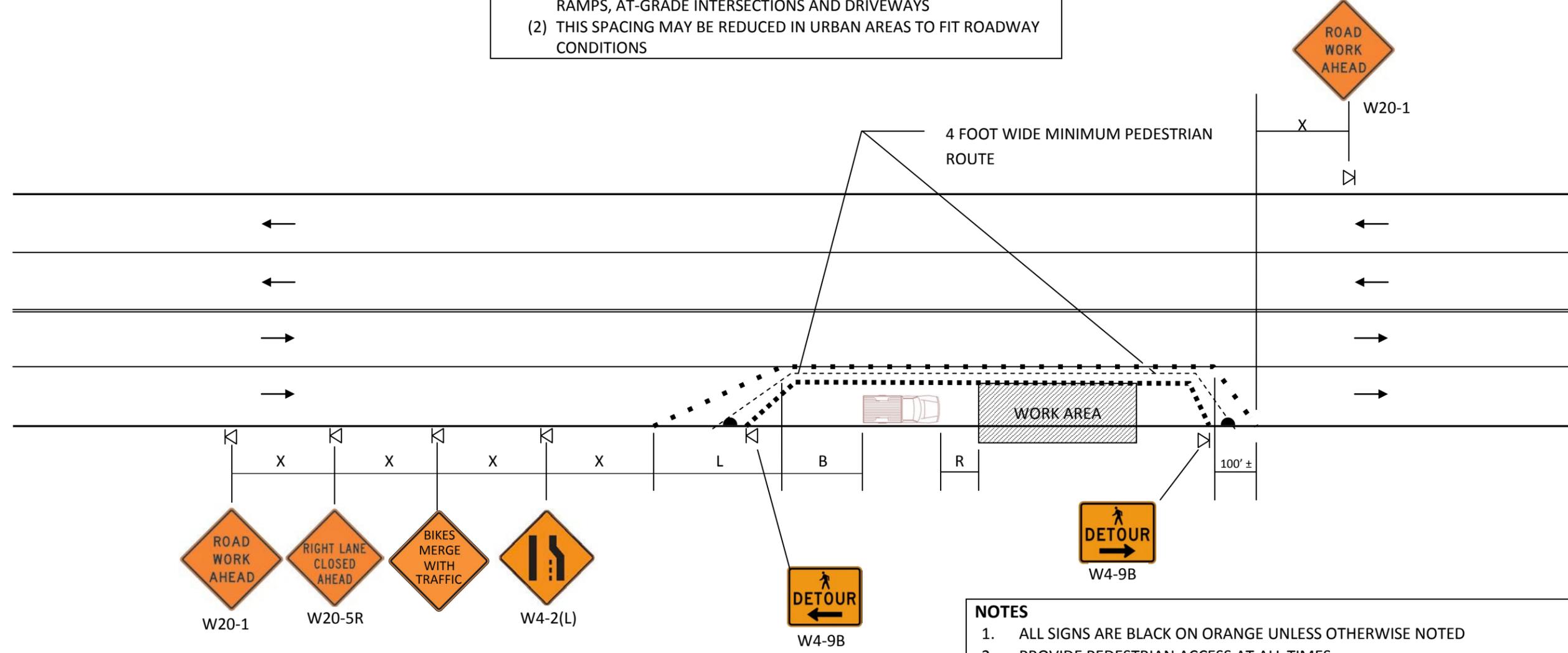
SIGN SPACING = X <sup>(1)</sup>		
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± <sup>(2)</sup>
URBAN STREETS	25 MPH OR LESS	100' ± <sup>(2)</sup>

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

MINIMUM TAPER LENGTH = L (feet)					
LANE WIDTH (feet)	Posted Speed (mph)				
	25	30	35	40	45
10	105	150	205	270	450
11	115	165	225	295	495
12	125	180	245	320	540

MINIMUM SHOULDER/BIKE LANE TAPER LENGTH = L/3

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/60	40	80
35/45	30	60
25/30	20	40



LEGEND	
	TEMPORARY SIGN LOCATION
	CHANNELIZATION DEVICE
	PROTECTIVE VEHICLE
	FLAGGING STATION
	PEDESTRIAN ROUTE
	TEMPORARY ADA ACCESSIBLE RAMP (RUNNING SLOPE <8.3%)

- NOTES**
1. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED
  2. PROVIDE PEDESTRIAN ACCESS AT ALL TIMES
  3. MAINTAIN A MINIMUM OF 10 FEET WIDTH FOR TRAVEL LANES
  4. FOR SIGN SIZE, REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
  5. CHANNELIZATION DEVICES SHALL MEET MUTCD
  6. EXTEND CHANNELIZATION DEVICES TO CURB WHERE APPLICABLE
  7. ALL DEVICES LEFT OVERNIGHT, MUST COMPLY W/ LIGHT & REFLECTIVITY STANDARDS PER MUTCD
  8. CHANNELIZATION ALONG PEDESTRIAN ROUTES MUST PROVIDE CONTINUOUS CANE-DETECTABLE BARRIER PER ADA REQUIREMENTS

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Note	Description	Date	By

**SINGLE LANE CLOSURE – 4 LANE**

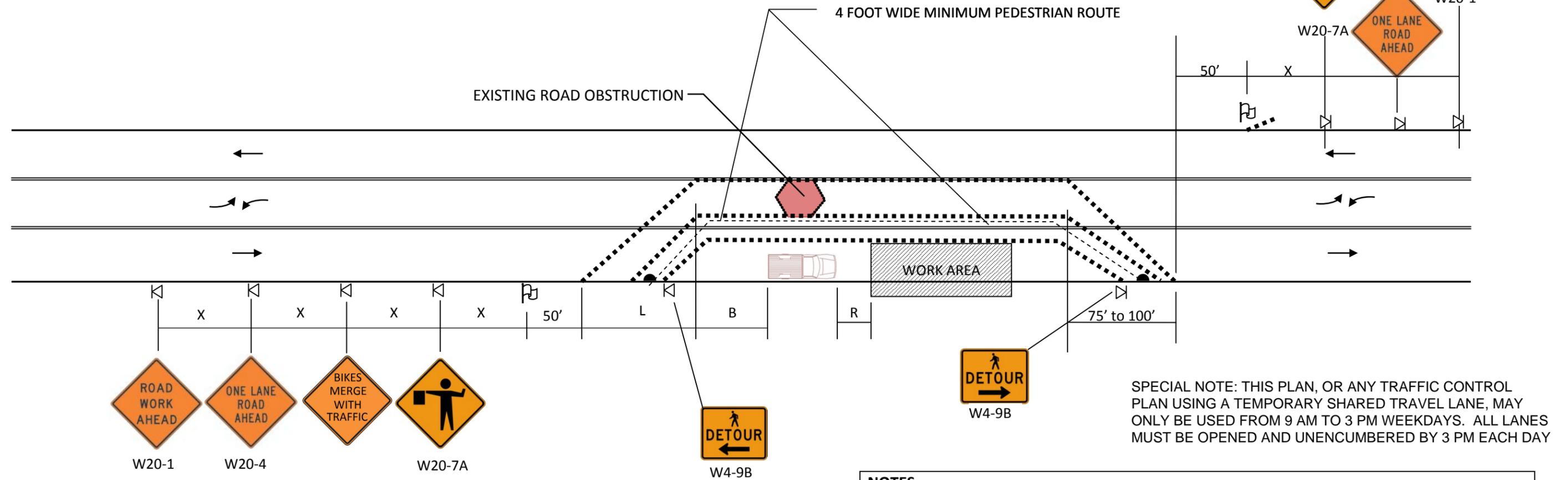
BUFFER DATA					
LONGITUDINAL BUFFER SPACE = B					
SPEED (MPH)	25	30	35	40	45
LENGTH (feet)	155	200	250	305	360
BUFFER VEHICLE ROLL AHEAD DISTANCE = R					
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA			NO SPECIFIC DISTANCE REQUIRED		

SIGN SPACING = X <sup>(1)</sup>		
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' ± <sup>(2)</sup>
URBAN STREETS	25 MPH OR LESS	100' ± <sup>(2)</sup>

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

MINIMUM TAPER LENGTH = L (feet)					
LANE WIDTH (feet)	Posted Speed (mph)				
		25	30	35	40
10	105	150	205	270	450
11	115	165	225	295	495
12	125	180	245	320	540
MINIMUM SHOULDER/BIKE LANE TAPER LENGTH = L/3					

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/60	40	80
35/45	30	60
25/30	20	40



LEGEND	
	TEMPORARY SIGN LOCATION
	CHANNELIZATION DEVICE
	PROTECTIVE VEHICLE
	FLAGGING STATION
	PEDESTRIAN ROUTE
	TEMPORARY ADA ACCESSIBLE RAMP (RUNNING SLOPE <8.3%)
	EXISTING CENTER LANE CANDLESTICKS

- NOTES**
- ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED
  - PROVIDE PEDESTRIAN ACCESS AT ALL TIMES
  - MAINTAIN A MINIMUM OF 10 FEET WIDTH FOR TRAVEL LANES
  - FOR SIGN SIZE, REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
  - CHANNELIZATION DEVICES SHALL MEET MUTCD
  - EXTEND CHANNELIZATION DEVICES TO CURB WHERE APPLICABLE
  - ALL DEVICES LEFT OVERNIGHT, MUST COMPLY W/ LIGHT & REFLECTIVITY STANDARDS PER MUTCD
  - CHANNELIZATION ALONG PEDESTRIAN ROUTES MUST PROVIDE CONTINUOUS CANE-DETECTABLE BARRIER PER ADA REQUIREMENTS

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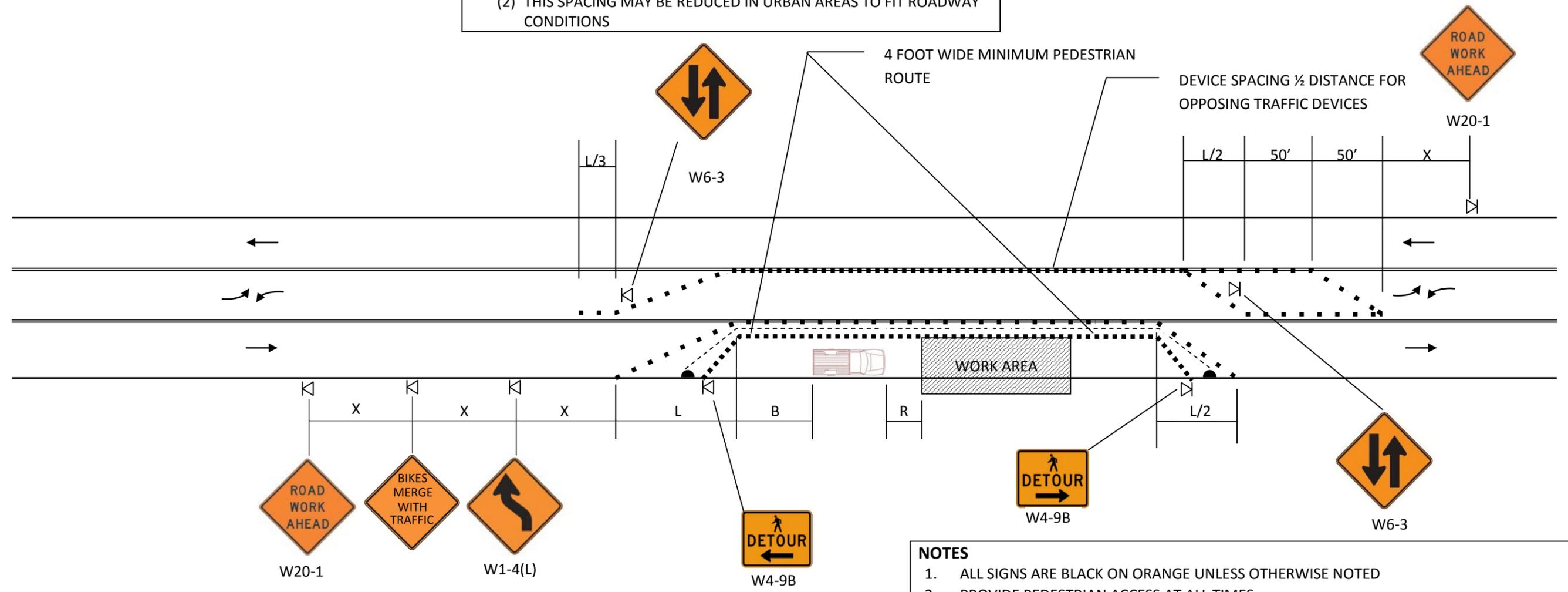
**SINGLE LANE CLOSURE WITH FLAGGER – 3 LANE**

BUFFER DATA					
LONGITUDINAL BUFFER SPACE = B					
SPEED (MPH)	25	30	35	40	45
LENGTH (feet)	155	200	250	305	360
BUFFER VEHICLE ROLL AHEAD DISTANCE = R					
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA				NO SPECIFIC DISTANCE REQUIRED	

SIGN SPACING = X <sup>(1)</sup>		
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' ± <sup>(2)</sup>
URBAN STREETS	25 MPH OR LESS	100' ± <sup>(2)</sup>
(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		

MINIMUM TAPER LENGTH = L (feet)					
LANE WIDTH (feet)	Posted Speed (mph)				
		25	30	35	40
10	105	150	205	270	450
11	115	165	225	295	495
12	125	180	245	320	540
MINIMUM SHOULDER/BIKE LANE TAPER LENGTH = L/3					

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/60	40	80
35/45	30	60
25/30	20	40



LEGEND	
	TEMPORARY SIGN LOCATION
	CHANNELIZATION DEVICE
	PROTECTIVE VEHICLE
	FLAGGING STATION
	PEDESTRIAN ROUTE
	TEMPORARY ADA ACCESSIBLE RAMP (RUNNING SLOPE <8.3%)

- NOTES**
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  3. MAINTAIN A MINIMUM OF 10 FEET WIDTH FOR TRAVEL LANES
  4. FOR SIGN SIZE, REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
  5. CHANNELIZATION DEVICES SHALL MEET MUTCD
  6. EXTEND CHANNELIZATION DEVICES TO CURB WHERE APPLICABLE
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**SINGLE LANE SHIFT – 3 LANE**