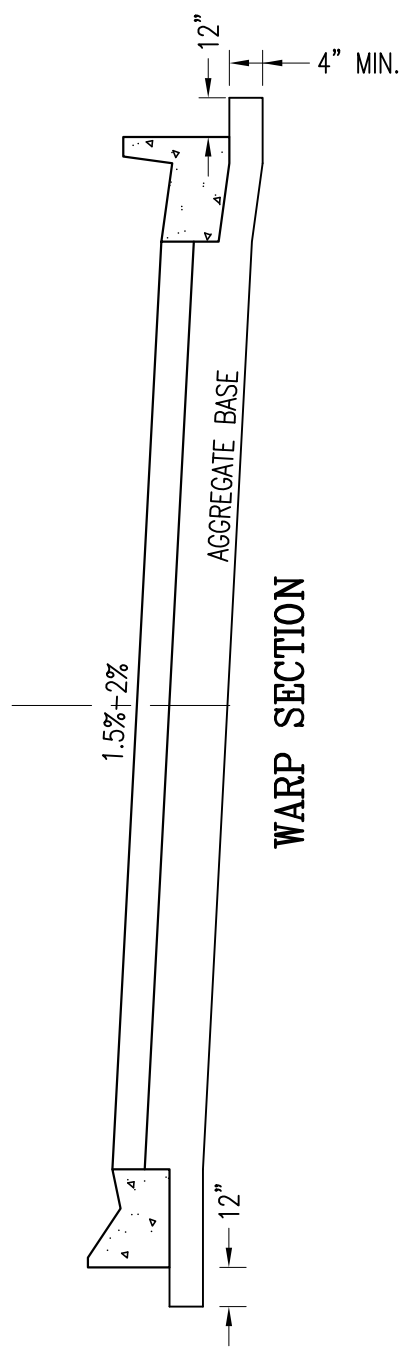


LEVEL SECTION

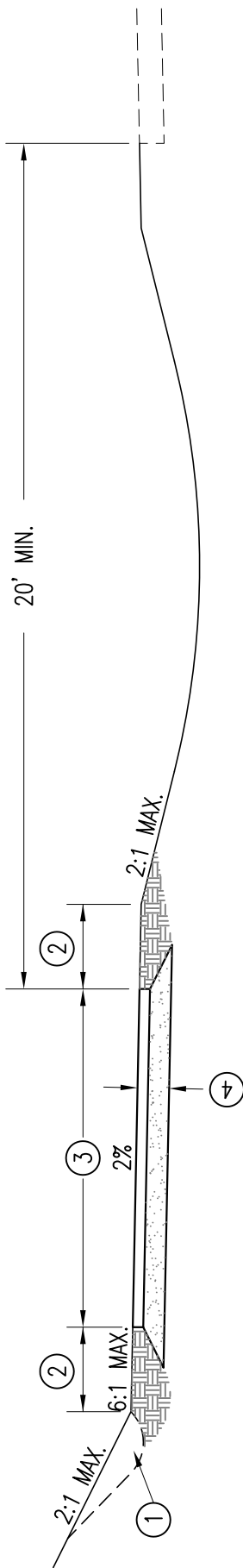


WARP SECTION

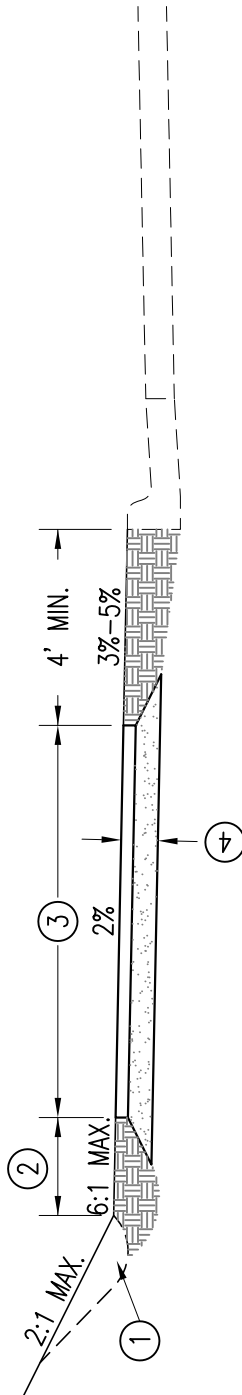
NOTES

1. REFER TO ENGINEERING STANDARDS FOR PAVEMENT DESIGN.
2. DRIVEOVER CURB & GUTTER WILL BE PERMITTED ONLY FOR ONE AND TWO FAMILY DWELLINGS WHERE DRIVEWAY LOCATIONS HAVE NOT BEEN ESTABLISHED AND STREET GRADES ARE LESS THAN 8%.
3. REFER TO ROCOG LONG RANGE TRANSPORTATION PLAN, FOR LOCAL STREET RIGHT OF WAY AND MINIMUM ROADWAY WIDTH REQUIREMENTS.

DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA TYPICAL SECTION ROADWAY			
<i>Donald Nelson</i> ASST. CITY ENGINEER		<i>Kevin W. Bremer</i> DIRECTOR	
SHT 1 OF 1 SHTS	DATE REVISED 4/25/13	PLATE NO. 3-01	REV. D



**BIKEWAY PLACEMENT NEAR
ROADS WITHOUT CURBS**



**BIKEWAY PLACEMENT NEAR
ROADS WITH CURBS**

NOTES

- ① DITCH IF REQUIRED FOR DRAINAGE.
- ② GRADED AREA ADJACENT TO THE PAVED SURFACE SHALL BE A MINIMUM OF 2' AND FREE OF OBSTRUCTIONS.
- ③ MINIMUM 10' WIDTH FOR 2 WAY TRAFFIC, (5' MINIMUM FOR 1 WAY). FOR CURVES WITH LESS THAN 50' RADIUS, PROVIDE ADDITIONAL WIDTH AS PER TABLE.
- ④ 1 1/2" LIFT BITUMINOUS SPWEA230B WEARING COURSE
1 1/2" LIFT BITUMINOUS SPNWB230B NON-WEARING COURSE
6" AGGREGATE BASE TYPICAL.

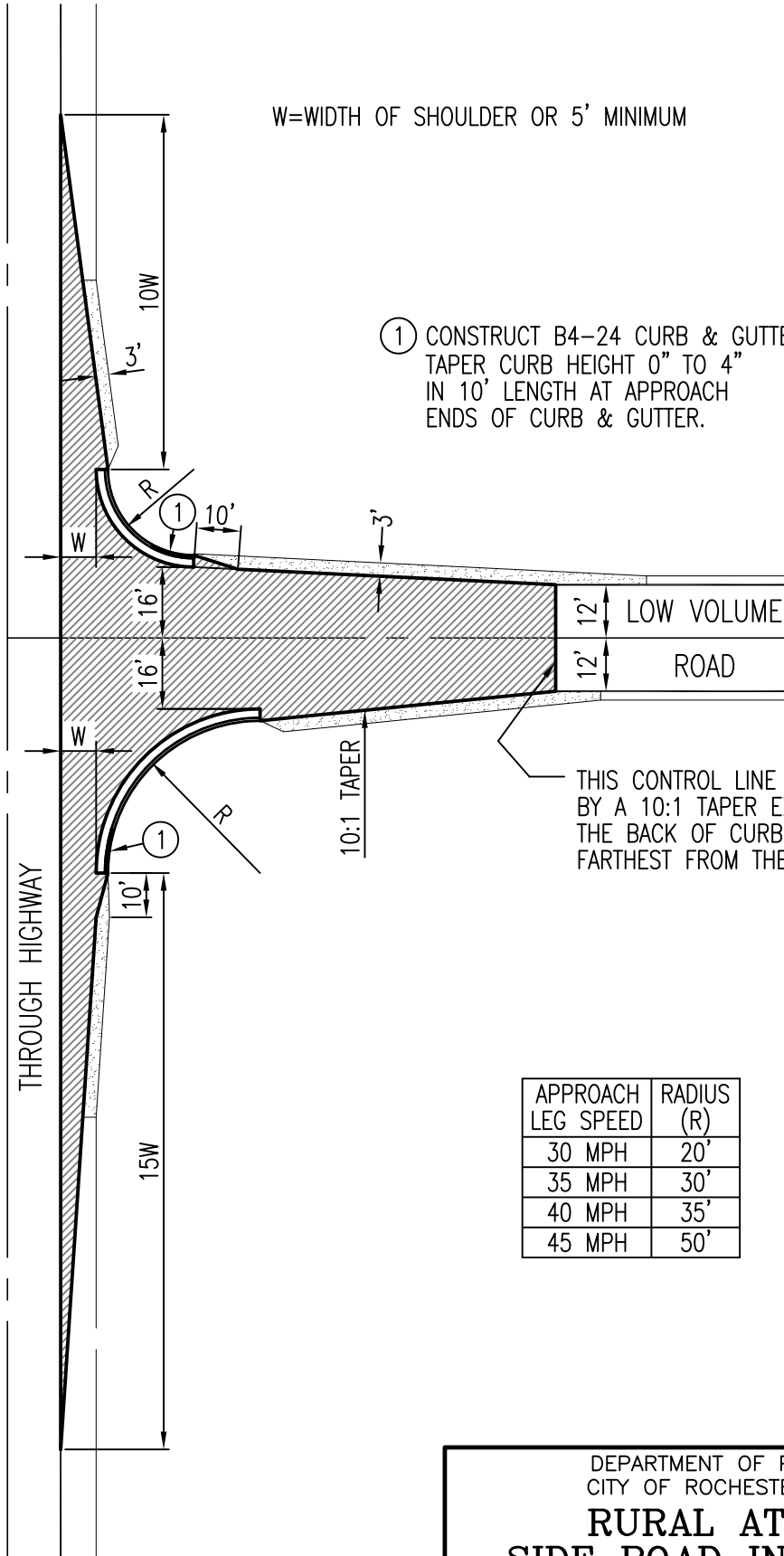
RADIUS	ADDITIONAL PAVED WIDTH
0-25	2'
25-50	1'

DEPARTMENT OF PUBLIC WORKS
CITY OF ROCHESTER, MINNESOTA

**TYPICAL SECTION
OFF-ROAD BIKEWAY**

<i>Douglas L. Nelson</i> ASST. CITY ENGINEER	<i>Richard W. Bremer</i> DIRECTOR
SHT 1 OF 1 SHTS	DATE REVISED 4/25/13
	PLATE NO. 3-02
	REV. E

W=WIDTH OF SHOULDER OR 5' MINIMUM



① CONSTRUCT B4-24 CURB & GUTTER
TAPER CURB HEIGHT 0" TO 4"
IN 10' LENGTH AT APPROACH
ENDS OF CURB & GUTTER.

THIS CONTROL LINE IS ESTABLISHED
BY A 10:1 TAPER EXTENDED FROM
THE BACK OF CURB END LOCATED
FARTHEST FROM THE THROUGH HIGHWAY.

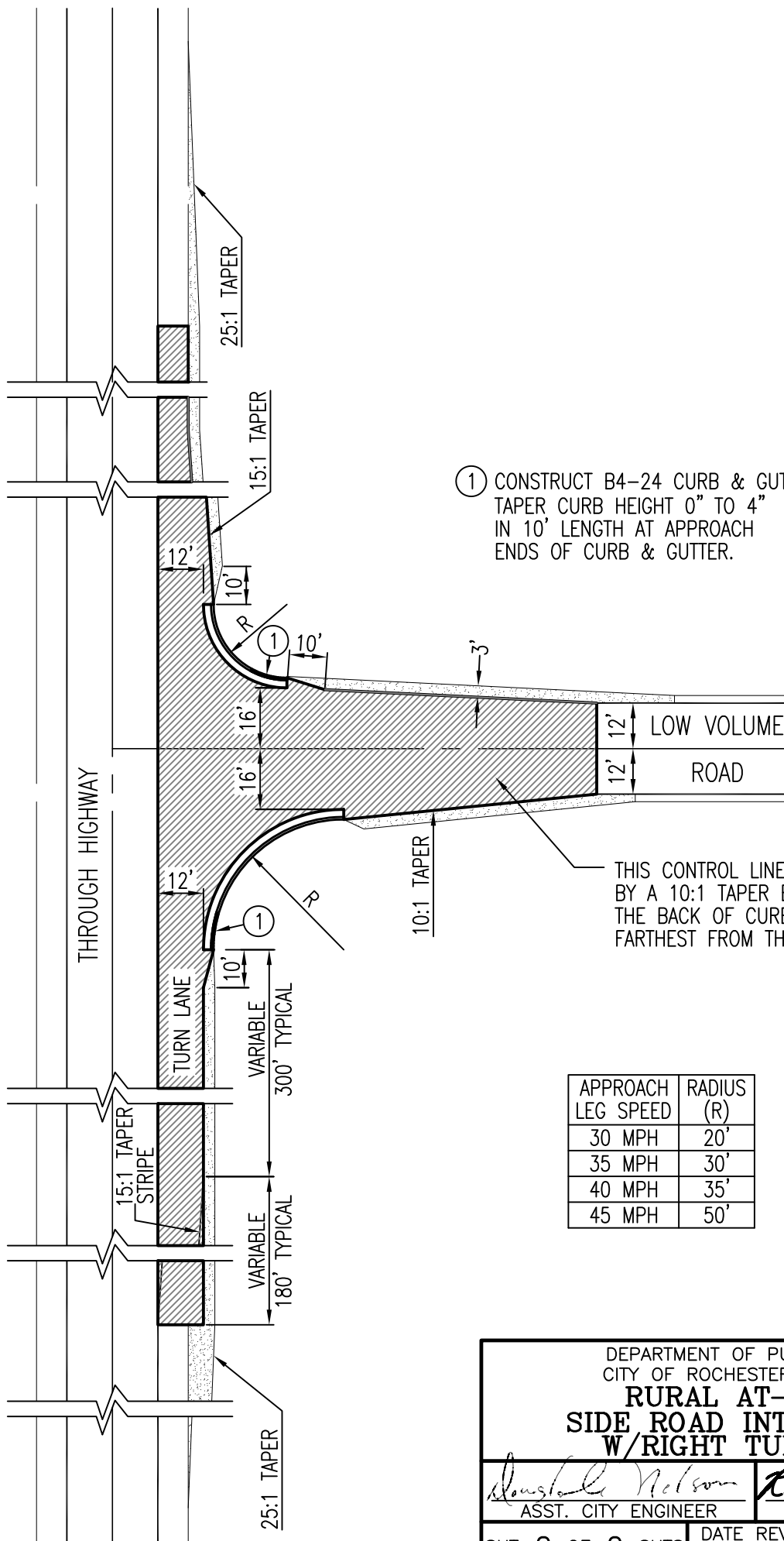
APPROACH LEG SPEED	RADIUS (R)
30 MPH	20'
35 MPH	30'
40 MPH	35'
45 MPH	50'

DEPARTMENT OF PUBLIC WORKS
CITY OF ROCHESTER, MINNESOTA
**RURAL AT-GRADE
SIDE ROAD INTERSECTION**

Douglas Nelson
ASST. CITY ENGINEER

Keith W. Fries
DIRECTOR

SHT 1 OF 2 SHTS	DATE REVISED 3/22/06	PLATE NO. 3-03	REV. A
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① CONSTRUCT B4-24 CURB & GUTTER
 TAPER CURB HEIGHT 0" TO 4"
 IN 10' LENGTH AT APPROACH
 ENDS OF CURB & GUTTER.

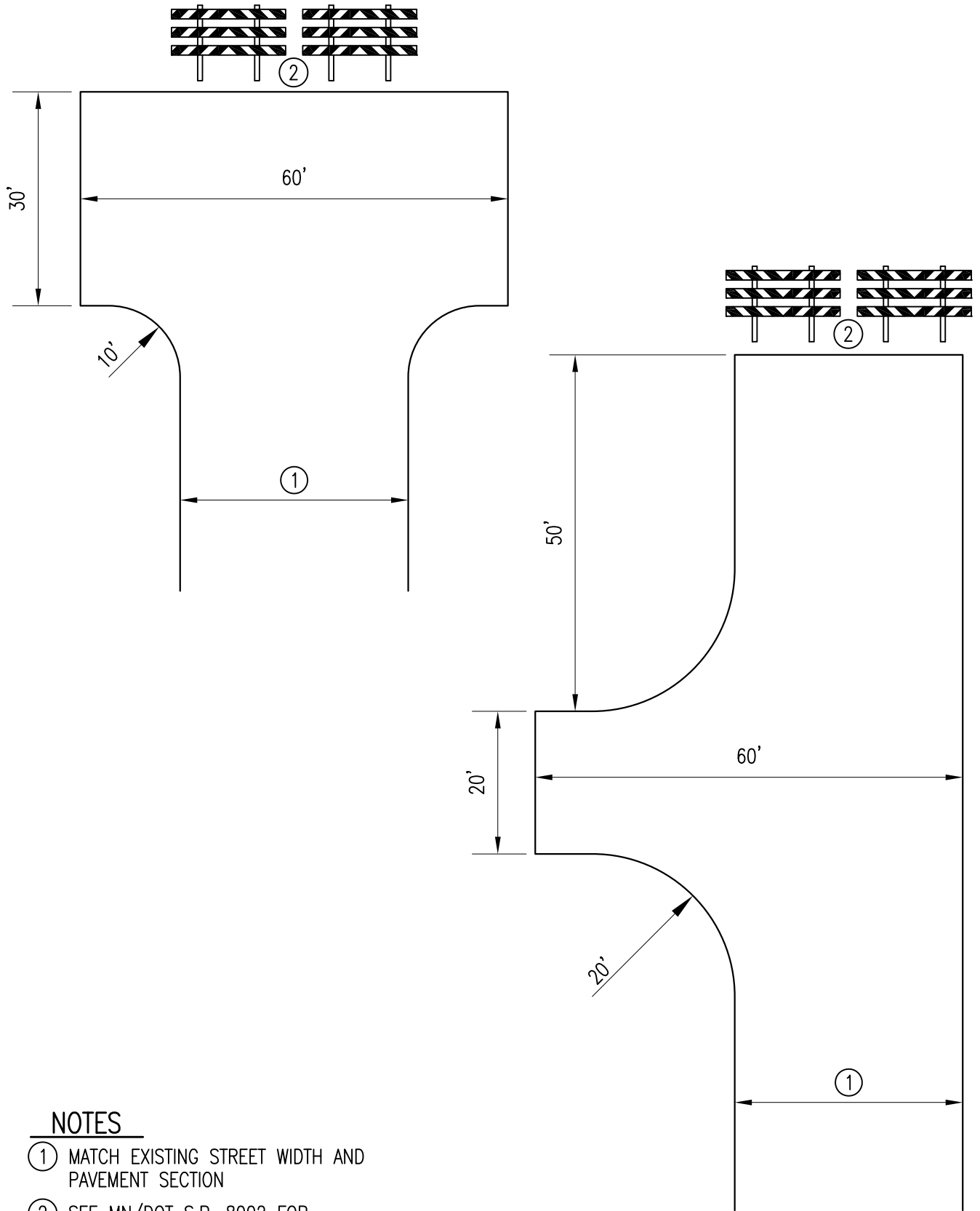
THIS CONTROL LINE IS ESTABLISHED
 BY A 10:1 TAPER EXTENDED FROM
 THE BACK OF CURB END LOCATED
 FARTHEST FROM THE THROUGH HIGHWAY.

APPROACH LEG SPEED	RADIUS (R)
30 MPH	20'
35 MPH	30'
40 MPH	35'
45 MPH	50'

DEPARTMENT OF PUBLIC WORKS
 CITY OF ROCHESTER, MINNESOTA
**RURAL AT-GRADE
 SIDE ROAD INTERSECTION
 W/RIGHT TURN LANE**

Douglas Nelson ASST. CITY ENGINEER *Keith W. Friend* DIRECTOR

SHT 2 OF 2 SHTS	DATE REVISED 3/22/06	PLATE NO. 3-03	REV. A
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NOTES

- ① MATCH EXISTING STREET WIDTH AND PAVEMENT SECTION
- ② SEE MN/DOT S.P. 8002 FOR PERMANENT BARRICADE DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF ROCHESTER, MINNESOTA

TEMPORARY STREET ENDS

<i>Douglas Nelson</i> ASST. CITY ENGINEER	<i>Keith W. Finner</i> DIRECTOR		
SHT 1 OF 1 SHTS	DATE REVISED 1/20/17	PLATE NO. 3-04	REV. A