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LEGEND

- Temporary Traffic Barrier
- Channelizing Device
- Construction Sign and Supports
- Construction Warning Light, Type A
- Direction of Traffic
- Crash Cushion
- Work Area

GENERAL NOTES:

1. Unless otherwise noted, the spacing of channelizing devices in tangent sections shall be 100 ft where the posted speed limit is 50 mph or greater, and the spacing shall be 50 ft where the posted speed limit is less than or equal to 45 mph.
2. Unless otherwise noted, the spacing of channelizing devices in tapers shall be equal in feet to 1.0 times the posted speed limit in mph.
3. Channelizing devices as shown are schematic, the number of channelizing devices will vary based on field conditions.
4. The longitudinal buffer space is an area that provides recovery space for an errant vehicle. Values in the table below may be used to determine the length of the longitudinal buffer.

LONGITUDINAL BUFFER LENGTH	
Posted Speed Limit (mph)	Length (ft)
≤30	200
35	250
40	305
45	360
50	425
55	495

INDIANA DEPARTMENT OF TRANSPORTATION

SHOULDER CLOSURES, INDEX AND GENERAL NOTES

SEPTEMBER 2022

STANDARD DRAWING NO. E 801-TCSC-01

DAVID H. BORUFF REGISTERED No. 60900348 STATE OF INDIANA PROFESSIONAL ENGINEER

David H Boruff 05/17/22

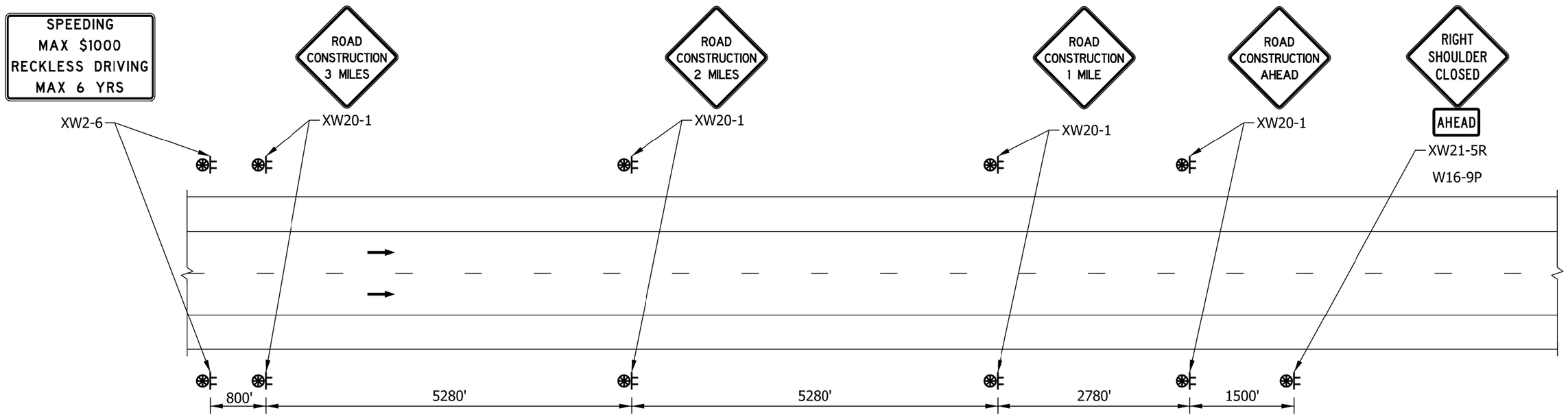
DESIGN STANDARDS ENGINEER DATE

07/07/2022

CHIEF ENGINEER DATE

NOTES:

1. For sign sequence continuation, see freeway shoulder closure in Standard Drawing E 801-TCSC-03.
2. Advance signing is not required for work zone durations ≤ 1 hr.



LEGEND

- Construction Sign and Supports
- Construction Warning Light, Type A
- Direction of Traffic

INDIANA DEPARTMENT OF TRANSPORTATION

ADVANCE SIGNING FOR
INTERSTATE SHOULDER CLOSURE

SEPTEMBER 2022

STANDARD DRAWING NO. E 801-TCSC-02

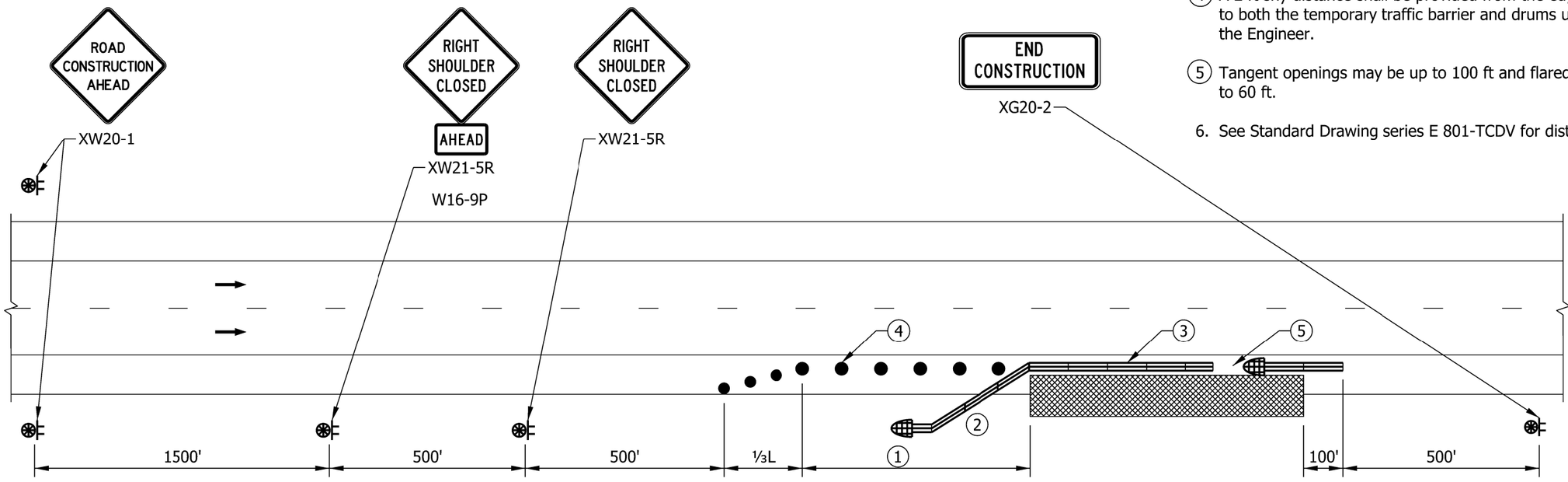
DAVID H. BORUFF
REGISTERED
No. 60900348
STATE OF INDIANA
PROFESSIONAL ENGINEER

05/17/22
DESIGN STANDARDS ENGINEER DATE

07/07/2022
CHIEF ENGINEER DATE

NOTES:

1. Longitudinal Buffer Length, see table.
2. Flared rate for temporary traffic barrier shall be 16:1 to edge of shoulder or approved end treatment shall be used.
3. Drums may be used for freeway shoulder closures of 3 days or less.
4. A 2 ft shy distance shall be provided from the edge of the travel lane to both the temporary traffic barrier and drums unless approved by the Engineer.
5. Tangent openings may be up to 100 ft and flared openings may be up to 60 ft.
6. See Standard Drawing series E 801-TCDV for distance, L.



LEGEND

- Temporary Traffic Barrier
- Channelizing Device
- Construction Sign and Supports
- Construction Warning Light, Type A
- Direction of Traffic
- Crash Cushion
- Work Area

LONGITUDINAL BUFFER LENGTH	
Posted Speed Limit (mph)	Length (ft)
≤30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

INDIANA DEPARTMENT OF TRANSPORTATION

SHOULDER CLOSURE ON
FREEWAY OR EXPRESSWAY

SEPTEMBER 2022

STANDARD DRAWING NO. E 801-TCSC-03

DAVID H. BORUFF
REGISTERED
No. 60900348
STATE OF INDIANA
PROFESSIONAL ENGINEER

David H Boruff 05/17/22
DESIGN STANDARDS ENGINEER DATE

07/07/2022
CHIEF ENGINEER DATE

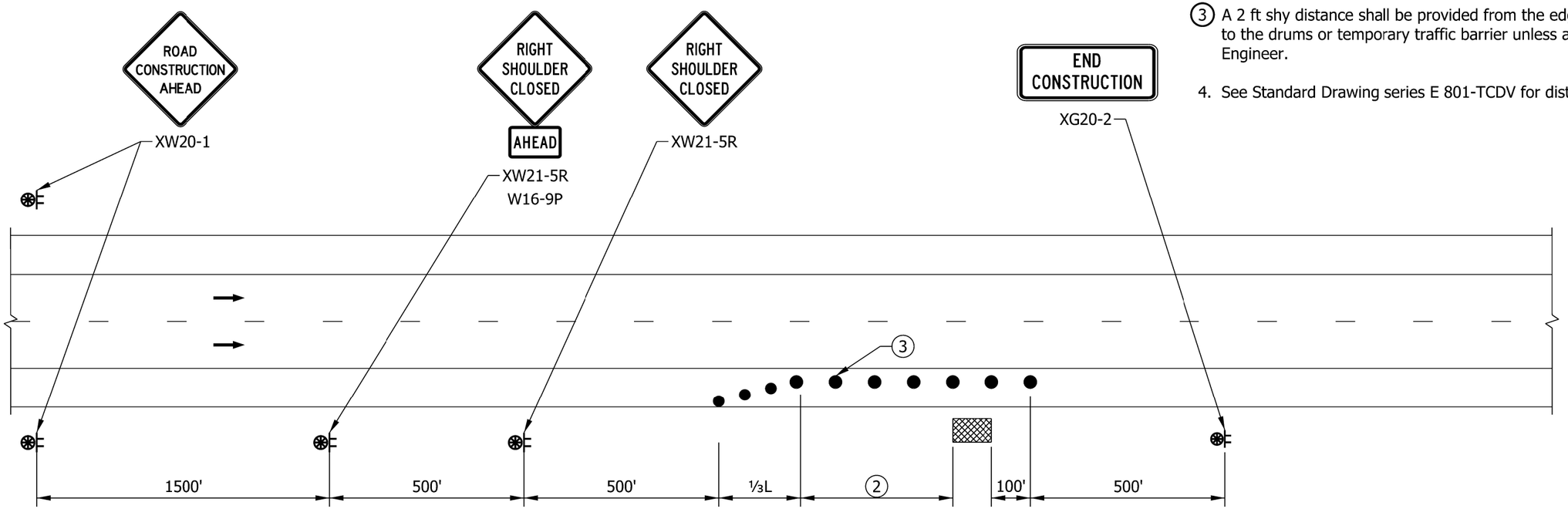
NOTES:

1. Temporary traffic barrier shall be used in place of drums for work that occupies a location for more than 14 days.

(2) Longitudinal Buffer Length, see table.

(3) A 2 ft shy distance shall be provided from the edge of the travel lane to the drums or temporary traffic barrier unless approved by the Engineer.

4. See Standard Drawing series E 801-TCDV for distance, L.



LEGEND

- Work Area
- Channelizing Device
- Construction Sign and Supports
- Construction Warning Light, Type A
- Direction of Traffic

LONGITUDINAL BUFFER LENGTH	
Posted Speed Limit (mph)	Length (ft)
≤30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

INDIANA DEPARTMENT OF TRANSPORTATION

FREEWAY SHOULDER CLOSURE FOR ROADSIDE WORK

SEPTEMBER 2022

STANDARD DRAWING NO. E 801-TCSC-04

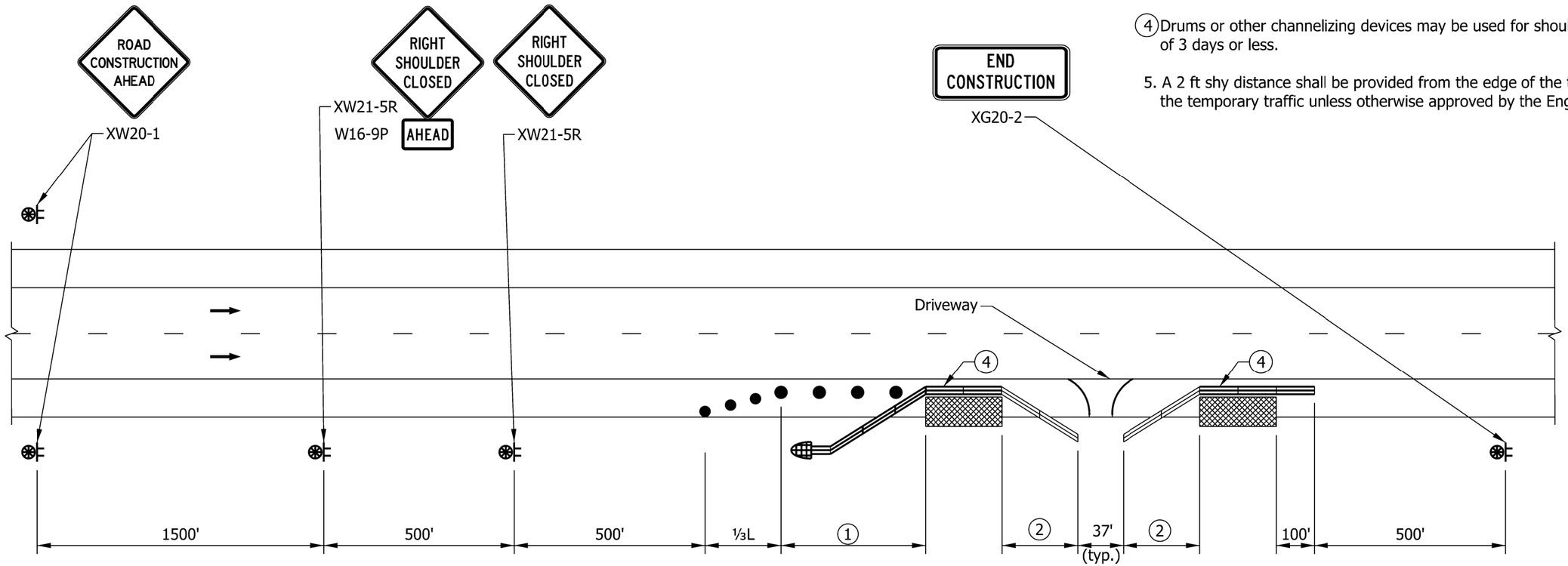
DAVID H. BORUFF REGISTERED No. 60900348 STATE OF INDIANA PROFESSIONAL ENGINEER

David H Boruff 05/17/22
DESIGN STANDARDS ENGINEER DATE

07/07/2022
CHIEF ENGINEER DATE

NOTES:

1. Longitudinal Buffer Length, see table.
2. For posted speeds > 45 mph, the flare rate for temporary traffic barrier shall be 16:1 or approved end treatment shall be used.
3. See Standard Drawing series E 801-TCDV for distance, L.
4. Drums or other channelizing devices may be used for shoulder closures of 3 days or less.
5. A 2 ft shy distance shall be provided from the edge of the travel lane to the temporary traffic unless otherwise approved by the Engineer.



LEGEND

- Temporary Traffic Barrier
- Channelizing Device
- Construction Sign and Supports
- Construction Warning Light, Type A
- Direction of Traffic
- Crash Cushion
- Work Area

LONGITUDINAL BUFFER LENGTH	
Posted Speed Limit (mph)	Length (ft)
≤30	200
35	250
40	305
45	360
50	425
55	495
60	570

INDIANA DEPARTMENT OF TRANSPORTATION

SHOULDER CLOSURE ON
DIVIDED HIGHWAY WITH LOCAL ACCESS

SEPTEMBER 2022

STANDARD DRAWING NO. E 801-TCSC-05

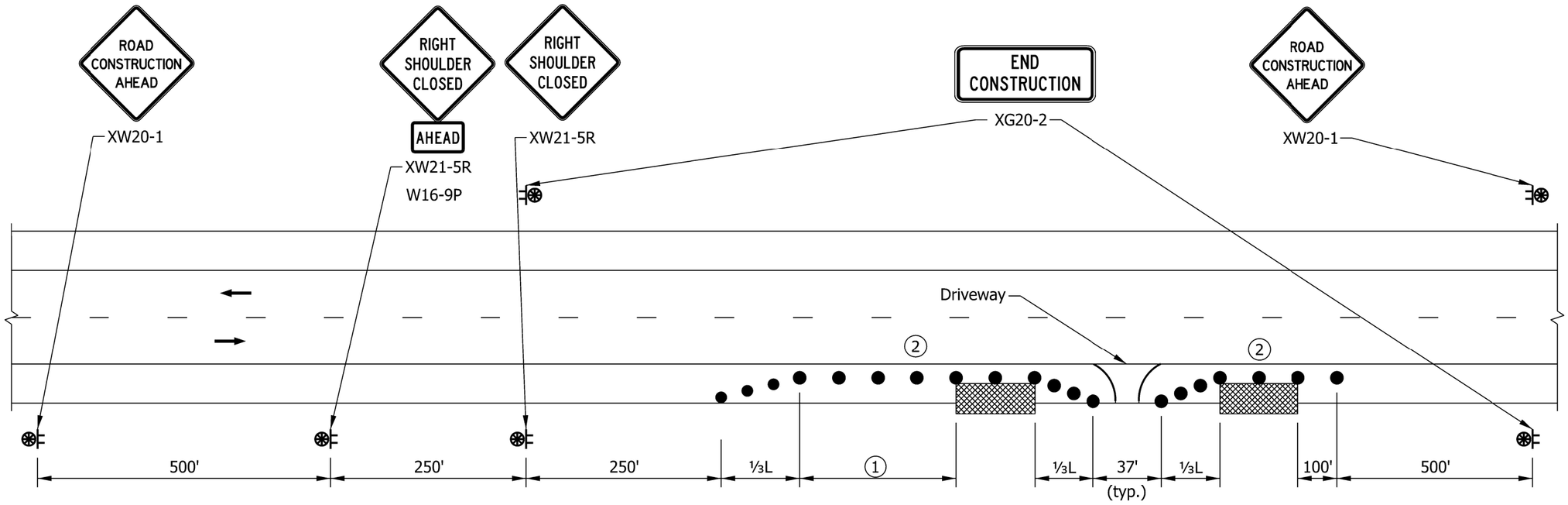
DAVID H. BORUFF REGISTERED No. 60900348 STATE OF INDIANA PROFESSIONAL ENGINEER

05/17/22
DESIGN STANDARDS ENGINEER DATE

07/07/2022
CHIEF ENGINEER DATE

NOTES:

1. Longitudinal Buffer Length, see table.
2. Use temporary traffic barrier if required by designer.
3. See Standard Drawing series E 801-TCDV for distance, L.



LEGEND

- Temporary Traffic Barrier
- Channelizing Device
- Construction Sign and Supports
- Construction Warning Light
- Direction of Traffic
- Crash Cushion
- Work Area

LONGITUDINAL BUFFER LENGTH	
Posted Speed Limit (mph)	Length (ft)
≤30	200
35	250
40	305
45	360
50	425
55	495

INDIANA DEPARTMENT OF TRANSPORTATION

SHOULDER CLOSURE ON TWO LANE HIGHWAY WITH LOCAL ACCESS

SEPTEMBER 2022

STANDARD DRAWING NO. E 801-TCSC-06

DAVID H. BORUFF REGISTERED No. 60900348 STATE OF INDIANA PROFESSIONAL ENGINEER

David H Boruff 05/17/22
DESIGN STANDARDS ENGINEER DATE

07/07/2022
CHIEF ENGINEER DATE