

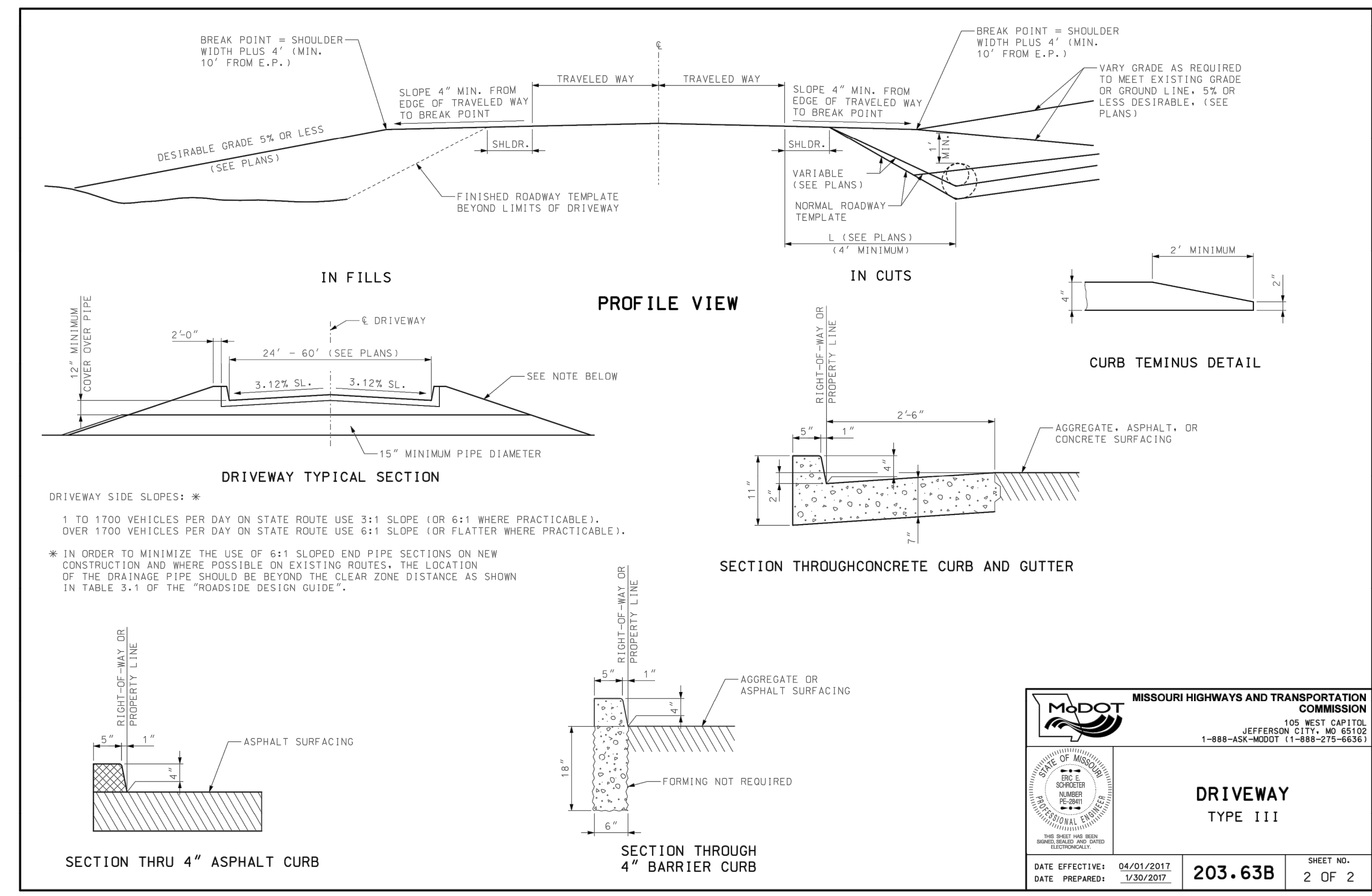
**GENERAL NOTES:**  
 FOR LIGHT DUTY PAVEMENT (<3500 ADT) DRIVEWAY BEGINS AT EDGE OF PAVEMENT.  
 RECOMMENDED WIDTH OF DRIVEWAY = 40'. SKETCH OR PLAN REQUIRED.  
 NO PART OF THE DRIVEWAY EXCLUDING TAPERS SHALL BE CONSTRUCTED OUTSIDE OF THE PROPERTY FRONTAGE.  
 SURFACING SHALL BE AS SHOWN ON THE PLANS OR PERMIT.  
 LENGTH OF PIPE SHALL BE DETERMINED BY DEPTH AND LOCATION OF DITCH. (SEE PLANS).  
 CURB OR CURB AND GUTTER BETWEEN RIGHT-OF-WAY LINE AND PIPE MAY MEET LOCAL AGENCY STANDARDS.  
 PIPE SIZE AND LOCATION TO BE DETERMINED BY GEOMETRICS AND DRAINAGE CONDITIONS (SEE PLANS).  
 THIS DRAWING ILLUSTRATES DRIVEWAY DETAILS FOR MINIMUM SITUATIONS. TRAFFIC VOLUMES, SAFETY CONSIDERATIONS, DRAINAGE CONSIDERATIONS, LOCAL REQUIREMENTS, ETC., MAY DICTATE MORE EXTENSIVE IMPROVEMENTS THAN ILLUSTRATED.

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION**  
 105 WEST CAPITOL, JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

**DRIVEWAY TYPE III**

DATE EFFECTIVE: 04/01/2017  
 DATE PREPARED: 1/30/2017

**203.63B** SHEET NO. 1 OF 2

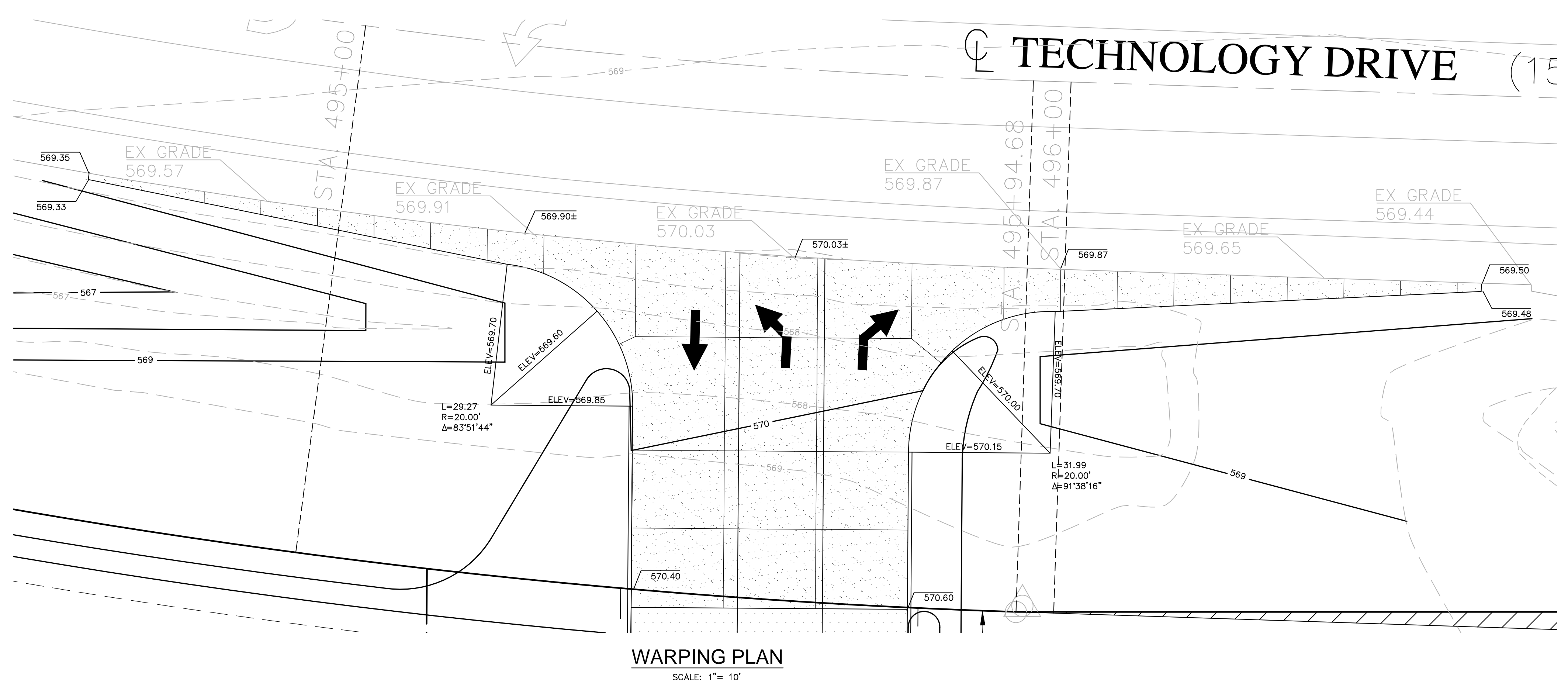


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**DRIVEWAY TYPE III**

DATE EFFECTIVE: 04/01/2017  
 DATE PREPARED: 3/20/2017

**203.63B** SHEET NO. 2 OF 2



616.8-3 (TA-3) Shoulder Work on Two-Lane Highways with Edgelines - MT

Permanent Posted (mph)	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL CHANNELIZER SPACING (ft.)	
	Undivided (S)	Divided (S)	Shoulder (T1)	Lane (T2)	BUFFER LENGTH (ft.) (B)	Tapers
0-35	200	-	70	245	280	35
40-45	350	-	150	540	400	40
50-55	500	-	185	660	560	50
60-70	1000	-	235	840	840	60

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2 Lane taper length based on 12 ft. (standard lane width) offset.

TYPE OF ROADWAY	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' Portable 7' Post	1 Mi.
RURAL UNDIVIDED	1' Portable 5' Post	3 Mi.

- Channelizer
- Sign
- Truck or Trailer Mounted Arrow Panel
- Protective Vehicle
- Truck Mounted Attenuator (TMA)
- Work Space

In addition to shoulder work, this typical application is applicable to work beyond shoulder where vehicles and equipment are parked on the shoulder.

A protective vehicle shall be used while work is in progress. The protective vehicle should be equipped with a TMA and positioned at least 150 ft. in advance of the work space.

If encroachment onto driving surface occurs and there is not 10 ft. of driving surface available for the lane of traffic, that traffic lane shall be closed. Refer to appropriate lane closure typical applications.

If an arrow panel is used for an operation on the shoulder, the caution mode shall be displayed.

For short duration or mobile operations, signs, channelization devices, and protective vehicles may be reduced or eliminated if a work vehicle with activated rotating lights or strobe lights is used. However, if limited sight distance exists, a protective vehicle should be used. This protective vehicle should be equipped with a TMA and truck mounted flashing arrow panel and positioned at least 150 ft. in advance of the work space or work vehicle, as applicable. If a protective vehicle is used, a vehicle mounted sign shall be mounted at a recommended height of 48 in. above the road surface.

For work beyond shoulder, where vehicles and equipment are parked on the shoulder, the protective vehicle may be eliminated if a work vehicle with activated rotating lights or strobe lights is used.

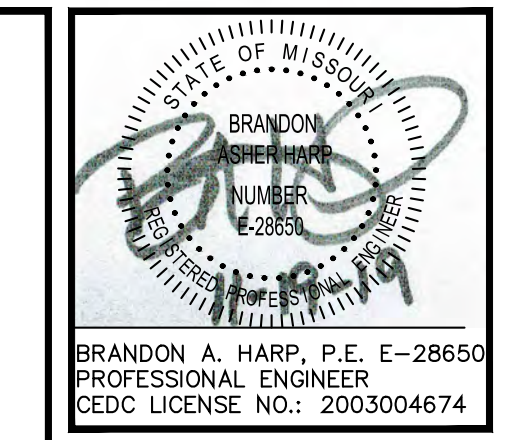
Vehicle hazard warning signals shall not be used instead of the vehicle's rotating lights or strobe lights.

Additional warning signs shall be erected at each intersection with another state highway within the work zone. Upon the discretion of the supervisor, additional warning signs may be erected at other intersections within the work zone.

Other appropriate signs may be used in lieu of SHOULDER WORK AHEAD sign.

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

TA-3 1/16



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**CEDC**  
 CIVIL ENGINEERING  
 DESIGN CONSULTANTS

Site Improvement Plan for a  
**STORAGE FACILITY**  
 1160 Technology Drive  
 O'Fallon, Missouri 63368

Proj. # 1919

No.	Description	Date
	to City	7/29/19
	to Fire Dist.	10/30/19
	Agency Submittal	11/06/19
	To City	11/12/19
	To Utilities	11/19/19

SITE DETAILS

C10