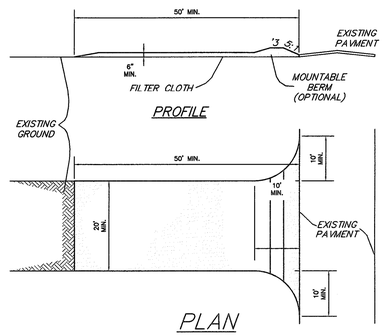
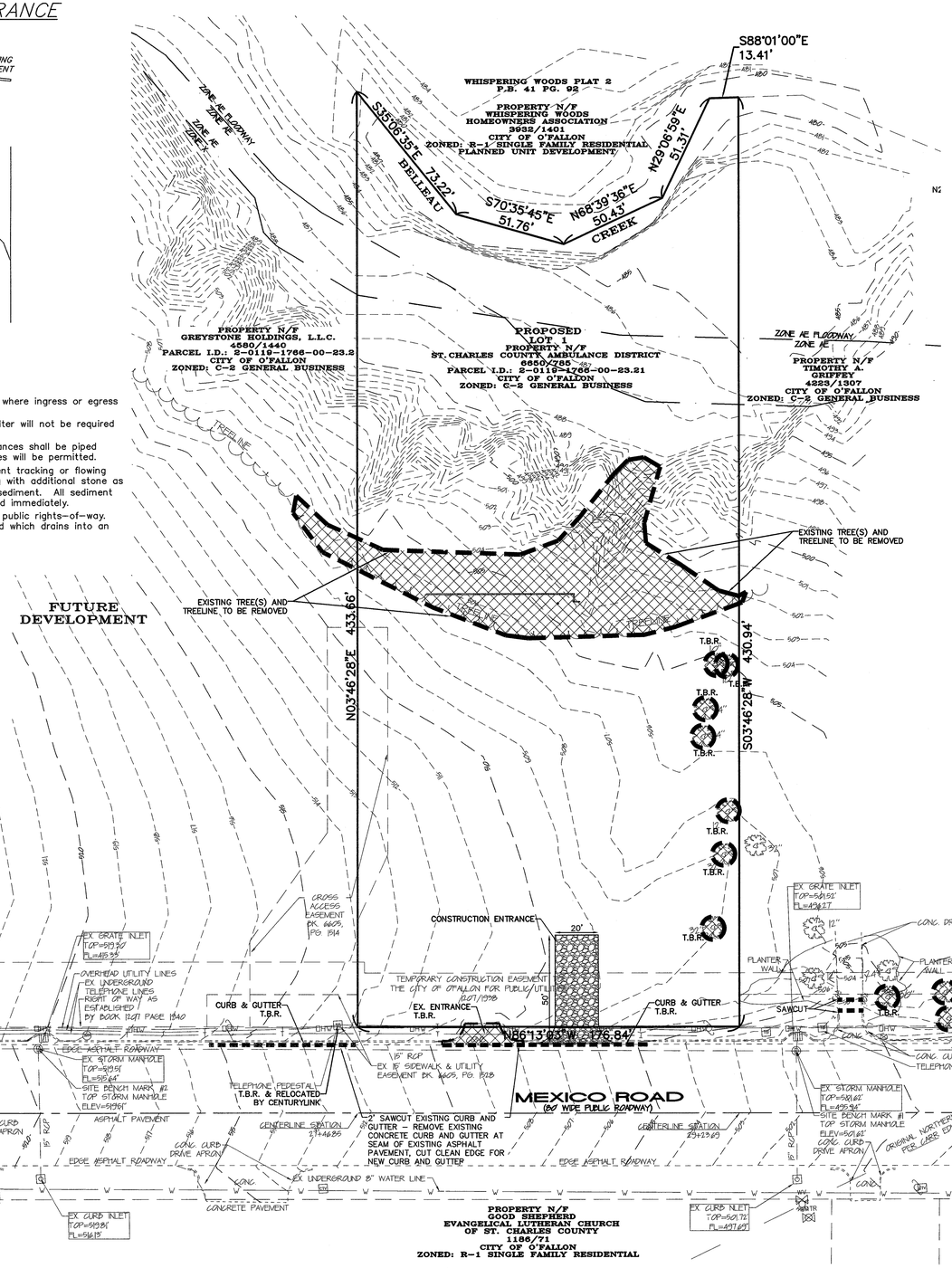
STABILIZED CONSTRUCTION ENTRANCE



CONSTRUCTION SPECIFICATIONS

1. Stone Size – Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length – As required, but not less than 50 feet minimum length would apply).
3. Thickness – Not less than six (6) inches.
4. Width – Twenty (20) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth – Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Water – All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. Maintenance – The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights–of–way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights–of–way must be removed immediately.
8. Washing – Wheels shall be cleaned to remove sediment prior to entrance onto public rights–of–way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.
10. If water is not available, a water truck is to be provided.



* ALL PCC CURBS/PAVEMENT SHALL BE SAW CUT AND REMOVED TO THE NEAREST JOINT. *

616.8.33 (TA-33) Lane Closure on Left or Right Lane on Divided Highway- MT

SPEED	SIGN SPACING (ft.) Undivided (S)	SIGN SPACING (ft.) Divided (S)	TAPER LENGTH (ft.) Shoulder[1] (T1)	TAPER LENGTH (ft.) Lane[2] (T2)	OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.) Tapers	CHANNELIZER SPACING (ft.) Buffer/ Work Areas
0-35	-	200	70	245	250	35	50
40	-	500	90	320	305	40	100
45	-	500	150	540	360	45	100
50-55	-	1000	185	660	495	50	100
60-70	SA – 1000, SB – 1500, and SC - 2640		235	840	730	60	100

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

ROADWAY TYPE	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1" Portable 7' Post	1 Mi.
RURAL DIVIDED	1" Portable 7' Post	2 Mi.

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

A protective vehicle **shall** be used while work is in progress. The protective vehicle **shall** be equipped with a TMA and flashing arrow panel and positioned at least 150 ft. in advance of the work space. The protective vehicle **may** be eliminated if the roadway is posted at 45 mph or below, the work vehicle is positioned in advance of the work space, and the work vehicle is equipped with a flashing arrow panel and uses activated rotating lights or strobe lights.

All vehicles, equipment, workers and their activities **should** be restricted to one side of the pavement.

The open lane **shall** be provided with a 10 ft. minimum driving surface at all times. This **may** include a portion of the shoulder, provided the shoulder is of adequate strength to handle traffic.

For short duration operations, signs and channelizers **may** be reduced or eliminated.

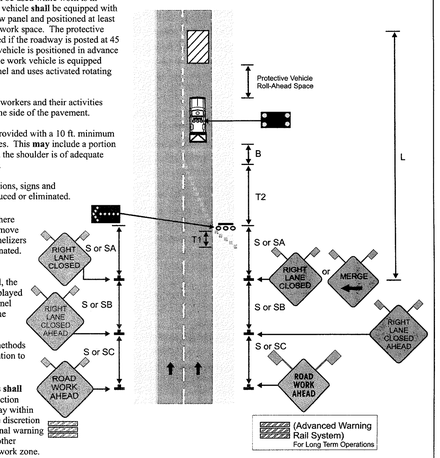
For mobile operations where workers are on foot and move with the operation, channelizers **may** be reduced or eliminated.

For operations in which channelizers are not used, the arrow mode **shall** be displayed on any flashing arrow panel located downstream of the taper.

Supplemental warning methods **may** be used to call attention to the work zone.

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.

For long-term operations, EPG 616.6.2.2 Flags and Advance Warning Rail System.



TA-33 01/12

CALL BEFORE YOU DIG!
1-800-DIG-RITE

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.

PROJECT TITLE:
SCCAD BASE 5
8430 MEXICO RD.
ST. PETERS, MO. 63376

Bax Project #00-11214G

ENGINEERING PLANNING SURVEYING
221 Point West Blvd.
St. Charles, MO 63301
636-928-5532
FAX 928-1718

DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authenticated by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any purpose by the architectural or engineering profession.
STATE OF MISSOURI LARRY DAVID WALKER NUMBER PE-2007020343 PROFESSIONAL ENGINEER
07/27/17
LARRY D. WALKER
CIVIL ENGINEER
2007020343
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REVISIONS

5–10–17	CITY SUBMITTAL
6–9–17	BID SET
7–18–17	CITY COMMENTS

Developer / Owner:
ST. CHARLES COUNTY AMBULANCE DISTRICT
4169 OLD MILL PARKWAY
ST. PETERS, MISSOURI 63376

DEMOLITION PLAN

P+Z No. #1302.15.01
approved (5-5-2016)
extension (7-6-17)
City No. #17-003492