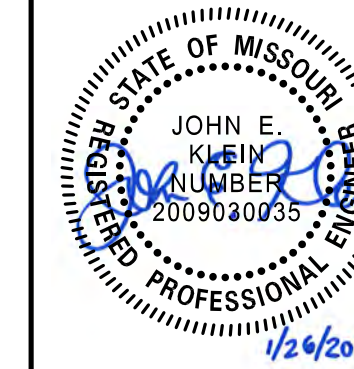
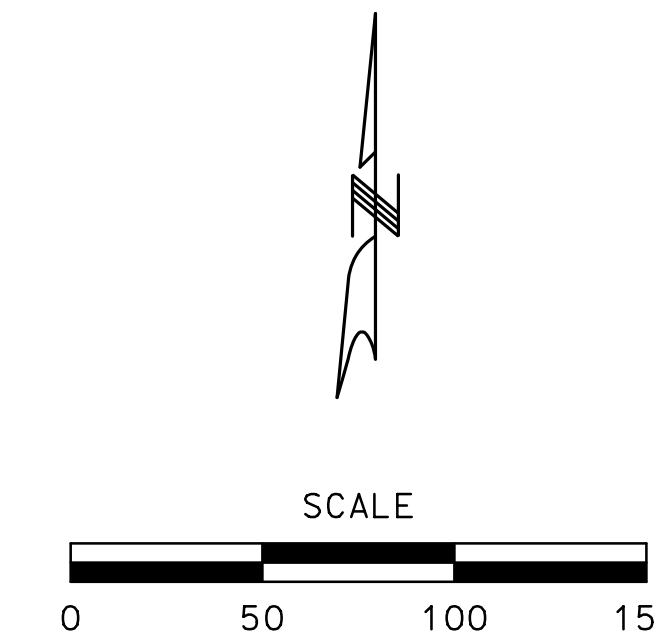


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DATE PREPARED  
1/26/2016

ROUTE MO-364 STATE MO

DISTRICT SL SHEET NO. 4

COUNTY  
ST. CHARLES

JOB NO.  
K15F3890

CONTRACT ID.

PROJECT NO.

BRIDGE NO.  
A7666

DATE	DESCRIPTION

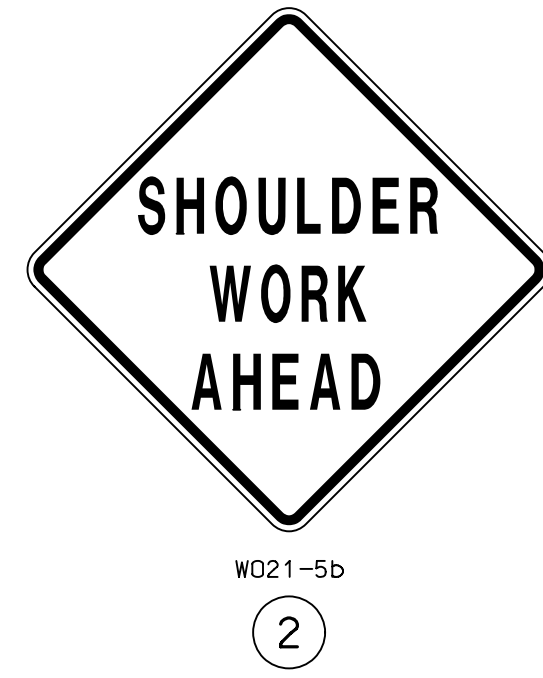
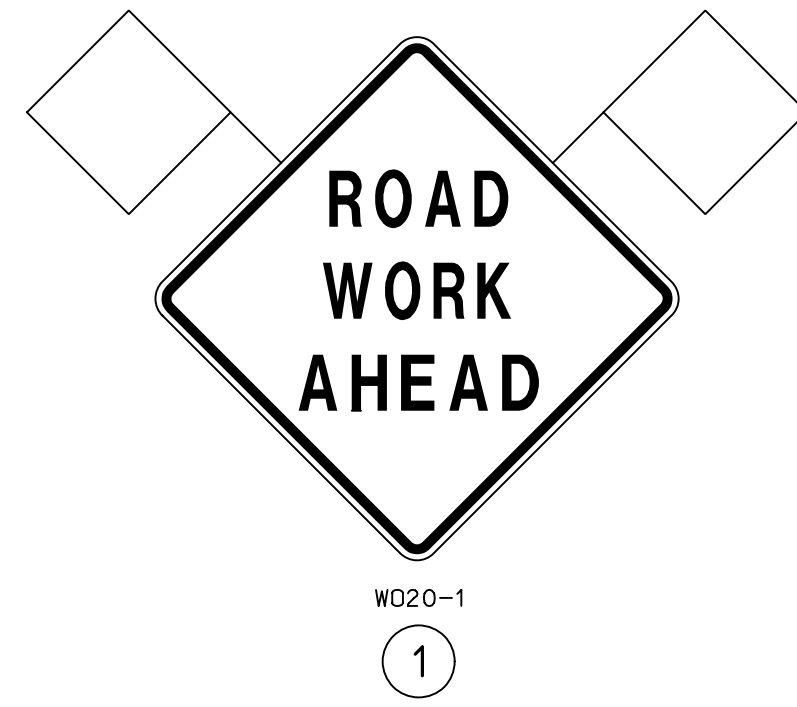
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-278-6636)

**HORNER SHIFRIN**

401 S. 28th St., Ste. 400 - Saint Louis, MO 63103-2296  
314-251-5100  
Discipline: Professional Engineering  
Certificate of Authority: 000159  
Expiration Date: December 31, 2016

PLAN SHEET  
ROUTE 364 MSE  
WALL REPAIR  
SHEET 1 OF 1

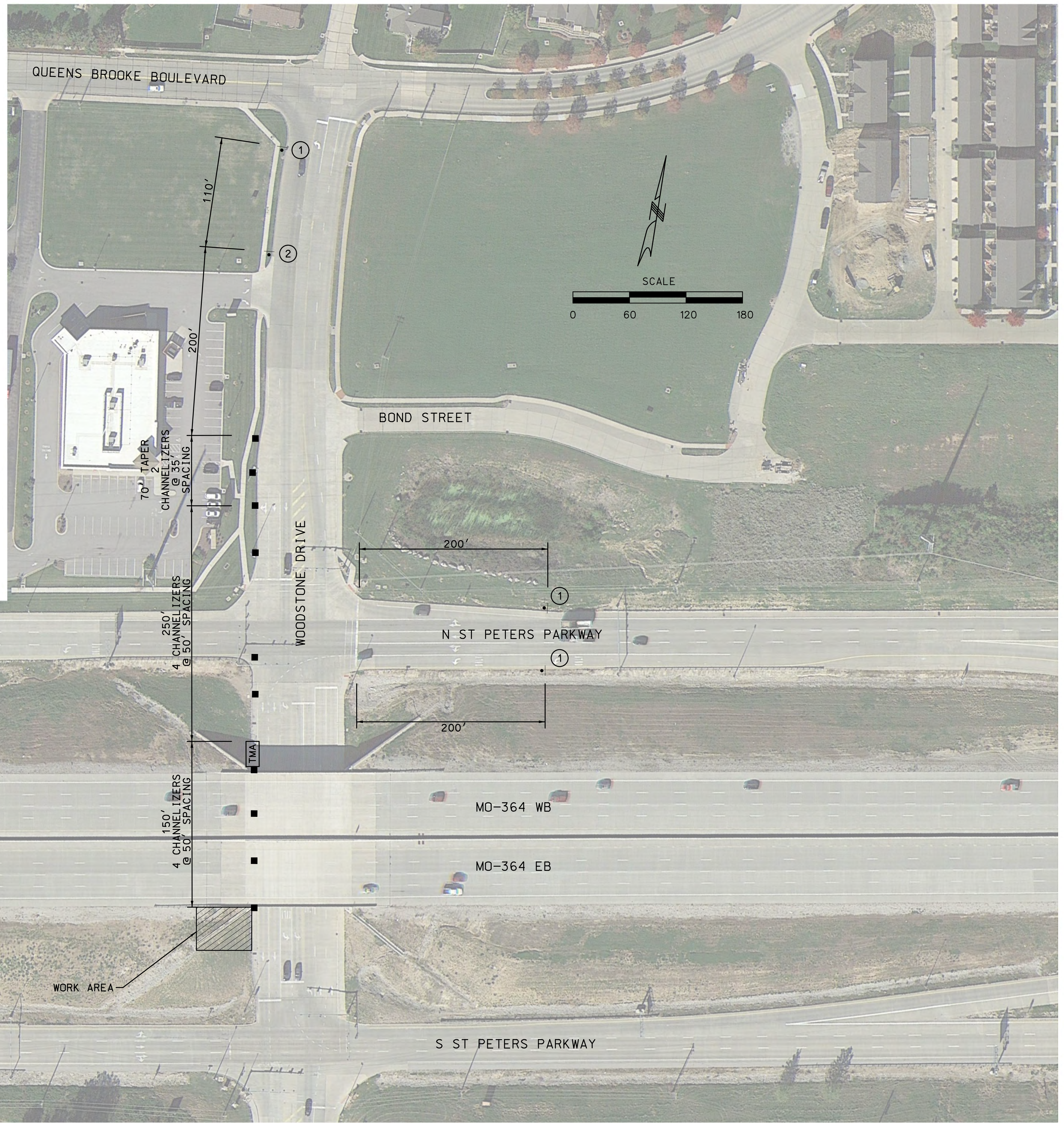


**TRAFFIC CONTROL LEGEND**

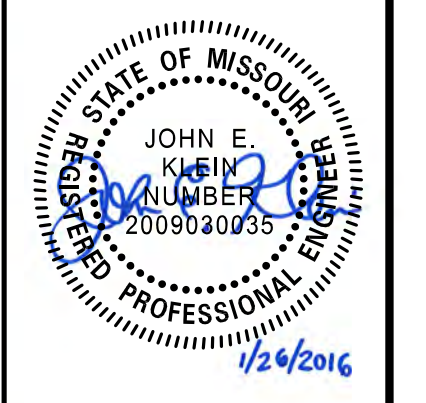
- SIGN (SINGLE SIDED)
- ▨ WORK AREA
- CHANNELIZER (TRIM-LINE)
- TMA TRUCK MOUNTED ATTENUATOR

**GENERAL NOTES:**

- 1) ALL SIGNING AND ANY REQUIRED TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 2) SIGN LOCATIONS TO BE APPROVED BY ENGINEER.
- 3) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS WITH PERMISSION OF THE ENGINEER.
- 4) ANY EXISTING SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COVERED OR REMOVED.
- 5) ALL TRAFFIC CONTROL ITEMS WHICH ARE NOT INCLUDED IN THE PAY ITEMS ARE TO BE CONSIDERED INCIDENTAL.
- 6) NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF TCP SIGNS AND DEVICES.



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DATE PREPARED 1/26/2016	
ROUTE MO-364	STATE MO
DISTRICT SL	SHEET NO. 5
COUNTY ST. CHARLES	
JOB NO. K15F3890	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A7666	

DATE	DESCRIPTION

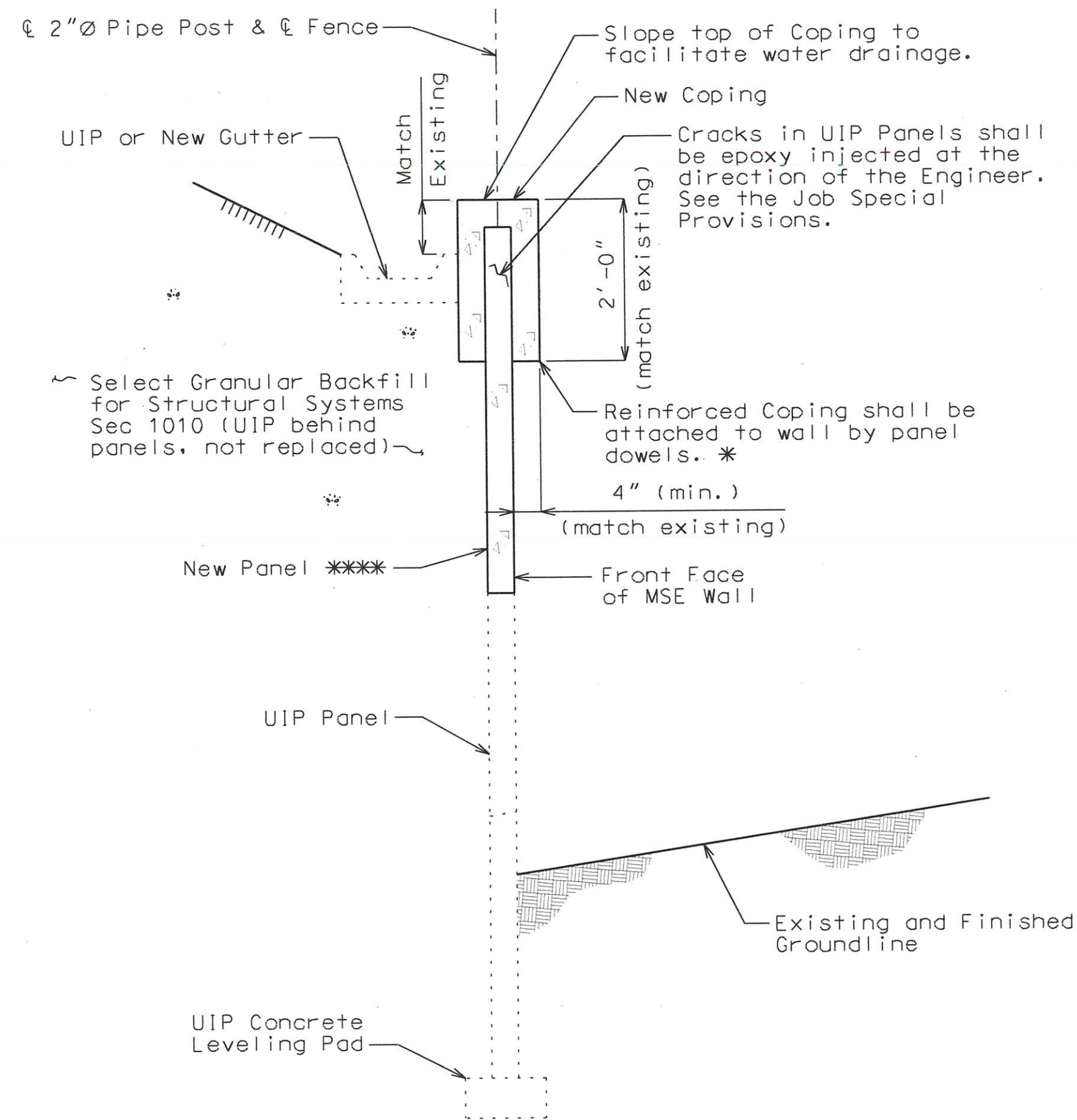
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

**HORNER SHIFRIN**

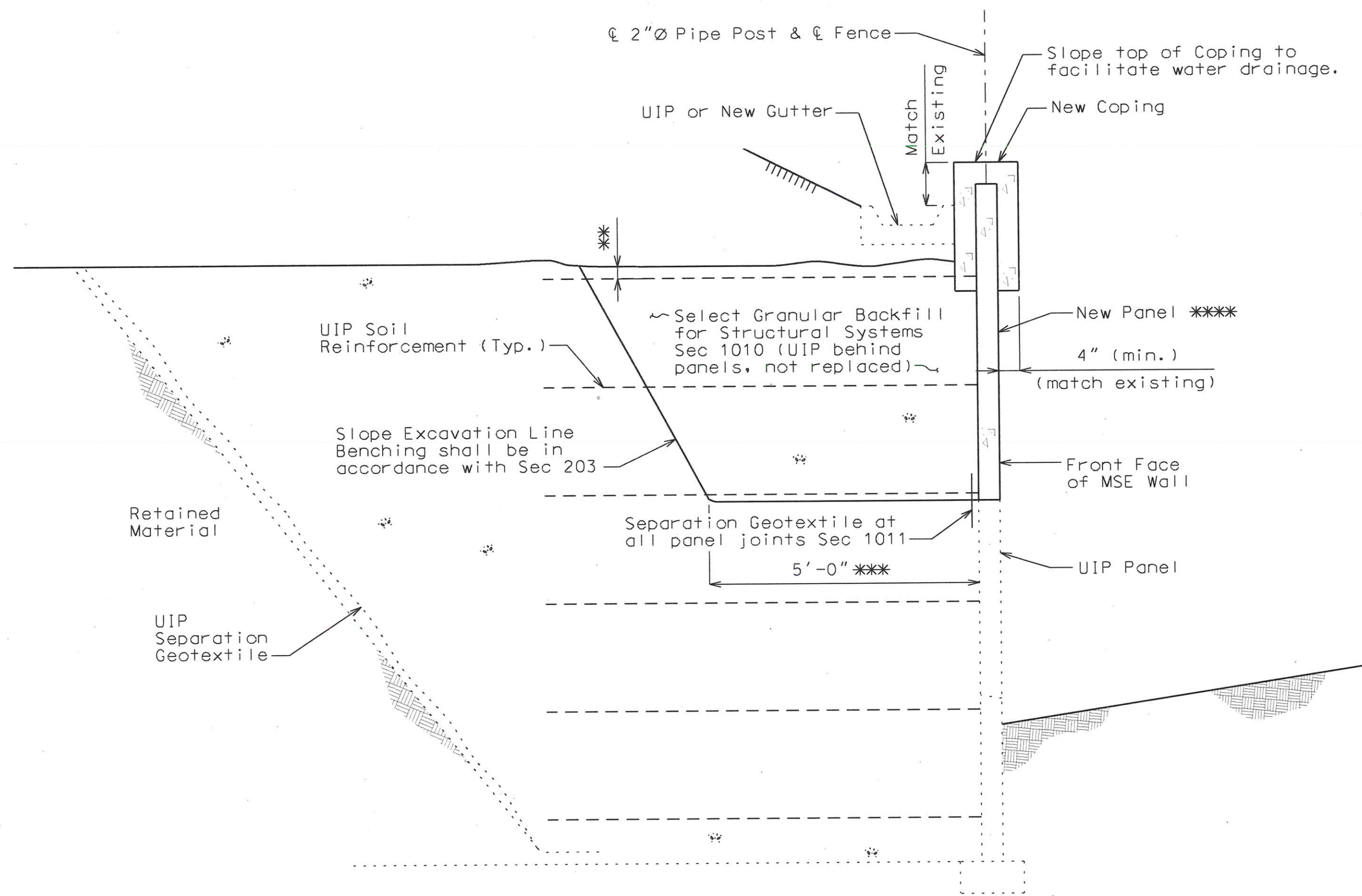
401 S. BRIDGEMAN ST., 4TH FLOOR - SAINT LOUIS, MO 63102-2296  
 314-351-3333  
 Discipline: Professional Engineering  
 Certificate of Authority: 000159  
 Expiration Date: December 31, 2016

TRAFFIC CONTROL PLAN  
 ROUTE 364 MSE WALL REPAIR  
 SHEET 1 OF 1



TYPICAL SECTION THRU MSE WALL

\*\*\* New panel shown, details similar at UIP Panel.



TYPICAL SECTION THRU MSE WALL SHOWING REPLACEMENT OF PANEL

\*\*\* New panel shown, details similar at UIP Panel.

Estimated Quantities for MSE Wall		
Item		Total
Repair Existing Mechanically Stabilized Earth Wall Systems	lump sum	1
Epoxy Pressure Injecting	linear ft.	20
Chain-link Fence (60 in.)	linear ft.	60

MSE Wall Systems Data Table					
Proprietary Wall Systems		Combination Wall Systems			
Manufacturer	System	Facing Unit Manufacturer	Facing Unit	Geogrid Manufacturer	Geogrid

MSE Wall Systems Data Table is to be completed by MoDOT construction personnel to record the manufacturer of the proprietary wall system or the manufacturers of the combination wall system that was used for repairing the MSE wall.

\* Inverted U-shape reinforced capstone shall be used to match existing wall. Panel dowels for capstone shall be required, and as provided by manufacturer.

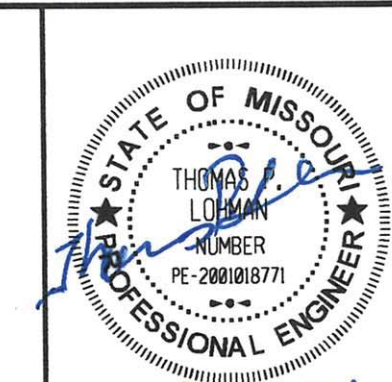
\*\* Topmost layer of reinforcement shall be fully covered with select granular backfill for structural systems, as approved by the wall manufacturer, before placement of the Separation Geotextile.

\*\*\* The contractor shall expose the top layer of soil reinforcement for 5' behind the wall for Panels A and B as well as other soil reinforcement required for installation of new panels. After soil reinforcement is exposed, the Engineer will inspect exposed soil reinforcement for damage and direct the Contractor to remove sections of damaged soil reinforcement, splicing new sections of soil reinforcement to existing soil reinforcement used in place. The splice shall be in accordance with the wall manufacturer's recommendations. See Special Provisions.

Fence shall be in accordance with standard drawing 607.11 except alternate attachment to gutter is not permitted.

Gutter may be re-used upon acceptance by the Engineer. If new gutter is required there will not be an adjustment in the contract cost.

Anchor bolts for fence on coping that is used-in-place as shown on the plans may be re-used.



DATE PREPARED 1/26/2016	
ROUTE 364	STATE MO
DISTRICT BR	SHEET NO. 2
COUNTY ST. CHARLES	
JOB NO. K15F3890	
CONTRACT ID.	
FEDERAL PROJECT NO.	
BRIDGE NO. A7666	

DESCRIPTION	DATE

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

**HORNER SHIFRIN**  
 401 S. 18TH ST., STE. 400 SAINT LOUIS, MO 63103-2296  
 314-551-4321 • FAX 314-551-6666 • www.horner-shifrin.com  
 PROFESSIONAL ENGINEERING  
 CERTIFICATE OF AUTHORITY: 000159  
 EXPIRATION DATE: DECEMBER 31, 2016

Designed: TPL  
 Detailed: CAB  
 Checked: MAC

DETAILS FOR MSE WALL REPAIR

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 2 of 2

