

A.A.D.T. - 2015 = 5117
T = 6%
V = 40 M.P.H.
FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

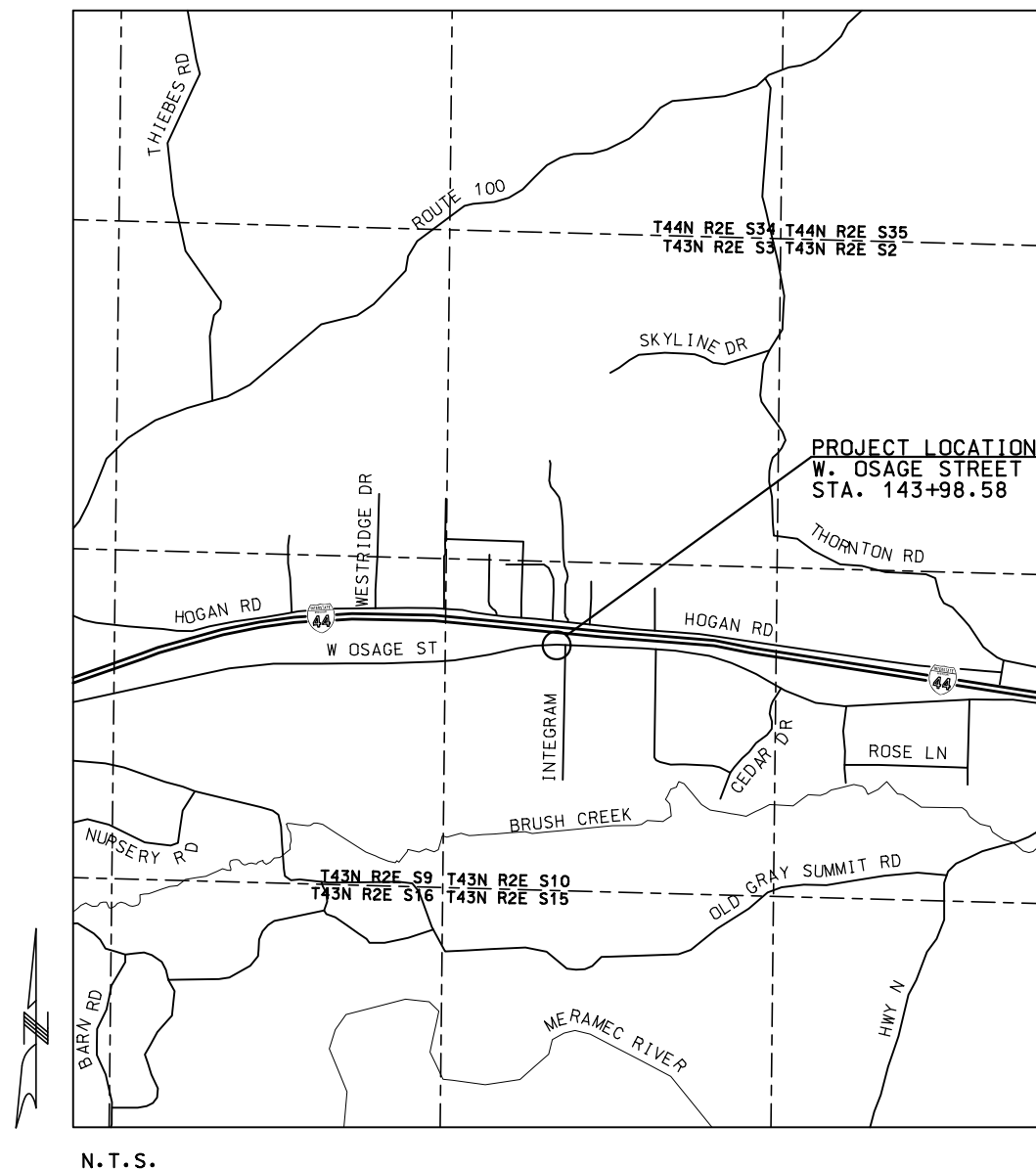
NO RIGHT-OF-WAY
ACQUISITION

BUILDINGS AND STRUCTURES
GUARD RAIL
CONCRETE RIGHT-OF-WAY MARKER
STEEL RIGHT-OF-WAY MARKER
LOCATION SURVEY MARKER
UTILITIES
FIBER OPTICS
OVERHEAD TELEPHONE
UNDERGROUND TELEPHONE
OVERHEAD POWER
UNDERGROUND POWER
GAS
WATER

MANHOLE
FIRE HYDRANT
WATER VALVE
WATER METER
DROP INLET
DITCH BLOCK
GROUND MOUNTED SIGN
LIGHT POLE
H-FRAME POWER POLE
TELEPHONE PEDESTAL
FENCE
CHAIN LINK
WOVEN WIRE
GATE POST
BENCHMARK

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
W. OSAGE STREET CULVERT REPAIR
FRANKLIN COUNTY



THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION "IS" AND NOT "IS-NOT" THE COMMISSION "IS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION.

DESCRIPTION	SHEET NUMBER
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TITLE SHEET	-----	1
TYPICAL SECTIONS (TS) (- SHEETS)-----	-----	---
QUANTITIES (QU) (2 SHEETS)-----	-----	3
PLAN-PROFILE (PP)-----	-----	4
RIGHT OF WAY (RW)-----	-----	---
REFERENCE POINTS (RP)-----	-----	---
COORDINATE POINTS (CP)-----	-----	---
SPECIAL SHEETS (SS)-----	-----	---
TRAFFIC CONTROL SHEETS (TC)-----	-----	5
EROSION CONTROL SHEETS (EC)-----	-----	---
LIGHTING (LT)-----	-----	---
SIGNALS (SG)-----	-----	---
SIGNING (SN)-----	-----	---
PAVEMENT MARKING (PM)-----	-----	---
CULVERT SECTIONS (CS)-----	-----	---
BRIDGE DRAWINGS (B)		
A####-----	-----	---
A####-----	-----	---
A####-----	-----	---
A####-----	-----	---
CROSS SECTIONS (XS)-----	-----	---

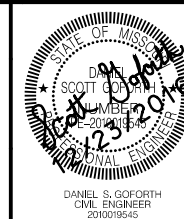
BEGINNING OF PROJECT	STA.	143+98.58
END OF PROJECT	STA.	143+98.58

APPARENT LENGTH	0.00	FEET
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EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	0.00 FEET
STATE LENGTH	0.00 MILES

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PARTS OF THE PROJECT TO WHICH THIS PAGE
REFERS.



DATE PREPARED
12/23/201

ROUTE 66	STATE MO
DISTRICT STL	SHEET NO 1

COUNTY
FRANKL

JOB NO
WRF04

CONTRACT

PROJECT

BRIDGE M

DESCRIPTION

DATA

MISSOURI HIGHWAYS AND TRANSPORTATION



PROFESSIONAL REGISTRATIONS	LICENSE NO.
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP	NC 000346

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
SUMMARY OF QUANTITIES - WRFR044D

MOBILIZATION = 1 LUMP SUM

W. OSAGE STREET CULVERT REPAIR														
PN-	STATION	STATION	ROUTE	LOCATION		TWO COMPONENT POLYURETHANE SUBSURFACE INJECTION (LBS)	GALVANIZED STEEL PLATES (LS)						EXPANSION ANCHORS (LS)	
							FOR INFORMATION PURPOSES ONLY							
							PLATE 1 5'-11" X 3'-0" X 3/8"	PLATE 2 5'-11 1/2" X 3'-0" X 3/8"	PLATE 3 5'-11" X 2'-0" X 3/8"	PLATE 4 5'-11 1/2" X 2'-0" X 3/8"	SHIM 1 5'-11 1/2" X 6" X 1/2"	SHIM 2 5'-11 1/2" X 6" X 1/4"		FOR INFORMATION PURPOSES ONLY
PN-1	143+98.58		OSAGE	46	LT	344	2	1			3	1		42 (EA)
PN-1	143+98.58		OSAGE	26	LT				2	1				42 (EA)
				TOTAL										
				PAY TOTAL		344	1 LS						1 LS	

DESCRIPTION

DATE

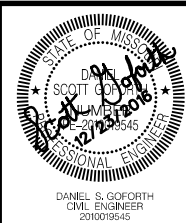
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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JEFFERSON CITY, MO 65102
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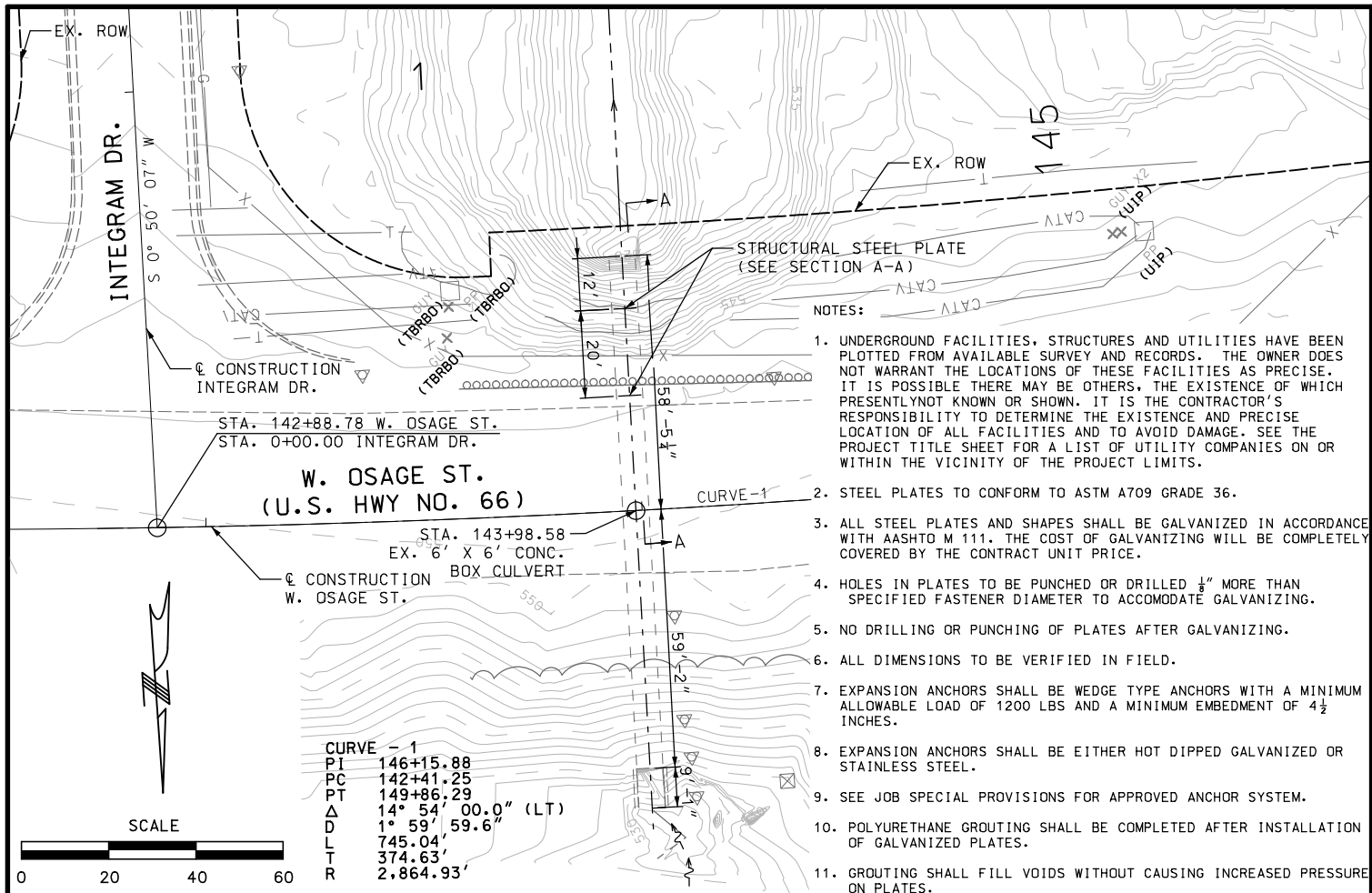
SUMMARY OF
QUANTITIES (QU)
W. OSAGE STREET
SHEET 1 OF 2



DATE PREPARED 12/23/2016	
ROUTE OSAGE	STATE MO
DISTRICT SL	SHEET NO. 3
COUNTY ST. LOUIS	
JOB NO. WRFR044D	
CONTRACT ID. .	
PROJECT NO. .	
BRIDGE NO. .	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SECTION A-A (CULVERT CROSS SECTIONS)

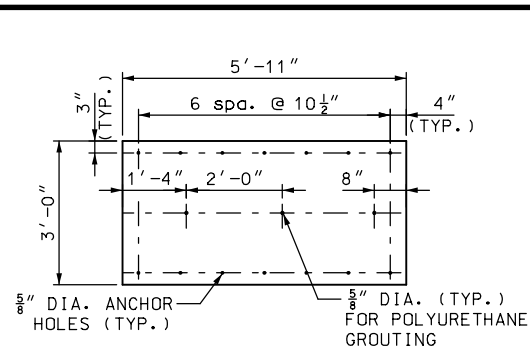
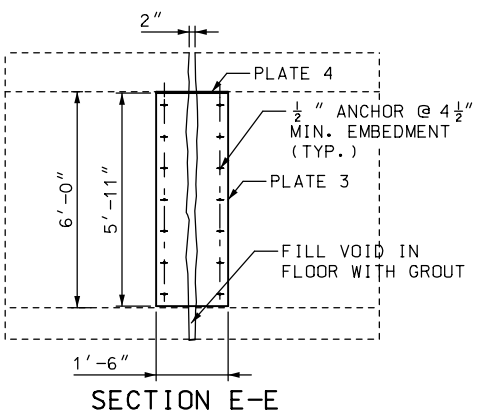
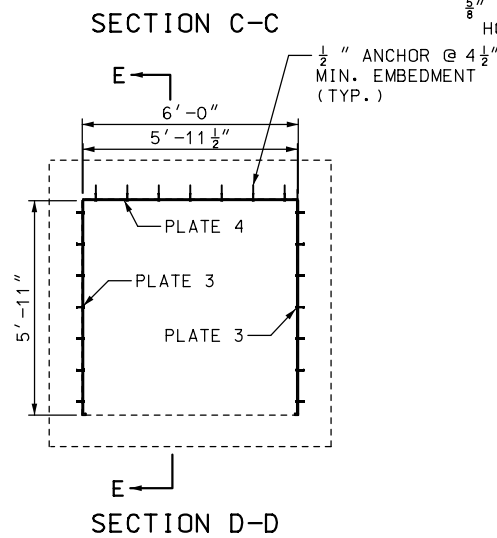
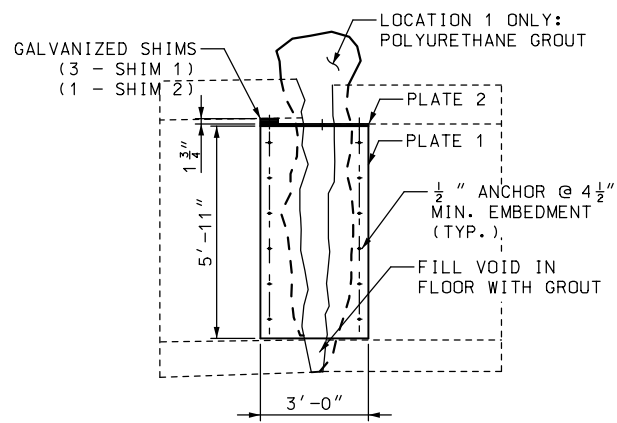
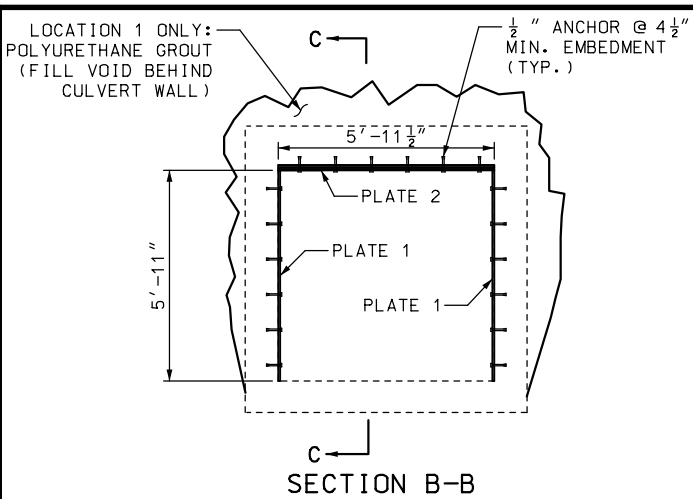
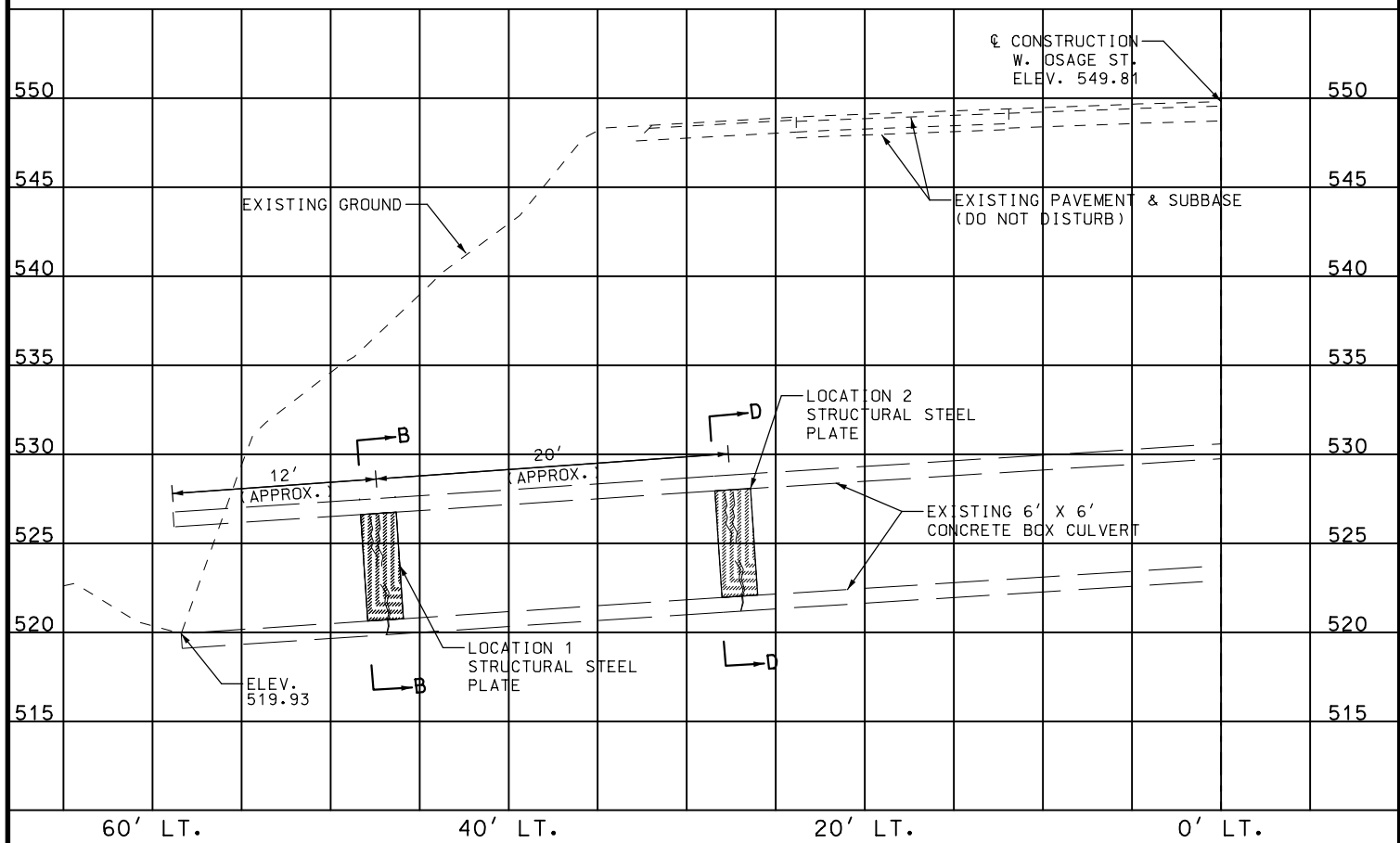


PLATE 1 - 2 REQUIRED
5' - 11 1/2" x 3' - 0" x 3/8"

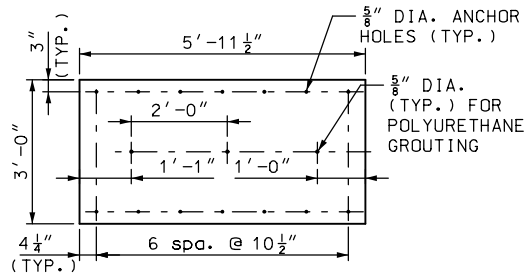
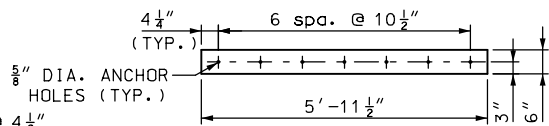


PLATE 2 - 1 REQUIRED
5' - 11 1/2" x 3' - 0" x 3/8"



SHIM 1 - 3 REQUIRED
5' - 11 1/2" x 6" x 1/2"

SHIM 2 - 1 REQUIRED
5' - 11 1/2" x 6" x 1/4"

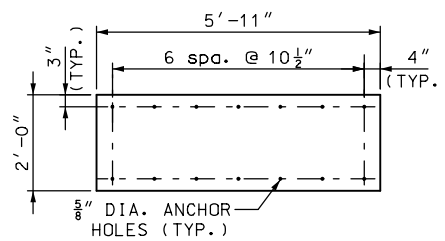


PLATE 3 - 2 REQUIRED
5' - 11 1/2" x 2' - 0" x 3/8"

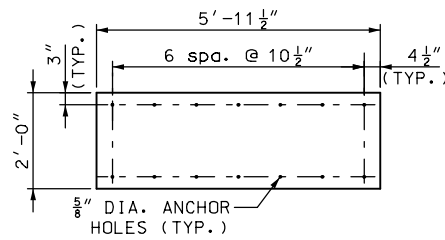


PLATE 4 - 1 REQUIRED
5' - 11 1/2" x 2' - 0" x 3/8"

DATE PREPARED
12/23/2016

ROUTE OSAGE STATE MO
DISTRICT SL SHEET NO. 4

COUNTY ST. LOUIS
JOB NO. WRF044D
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

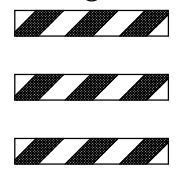
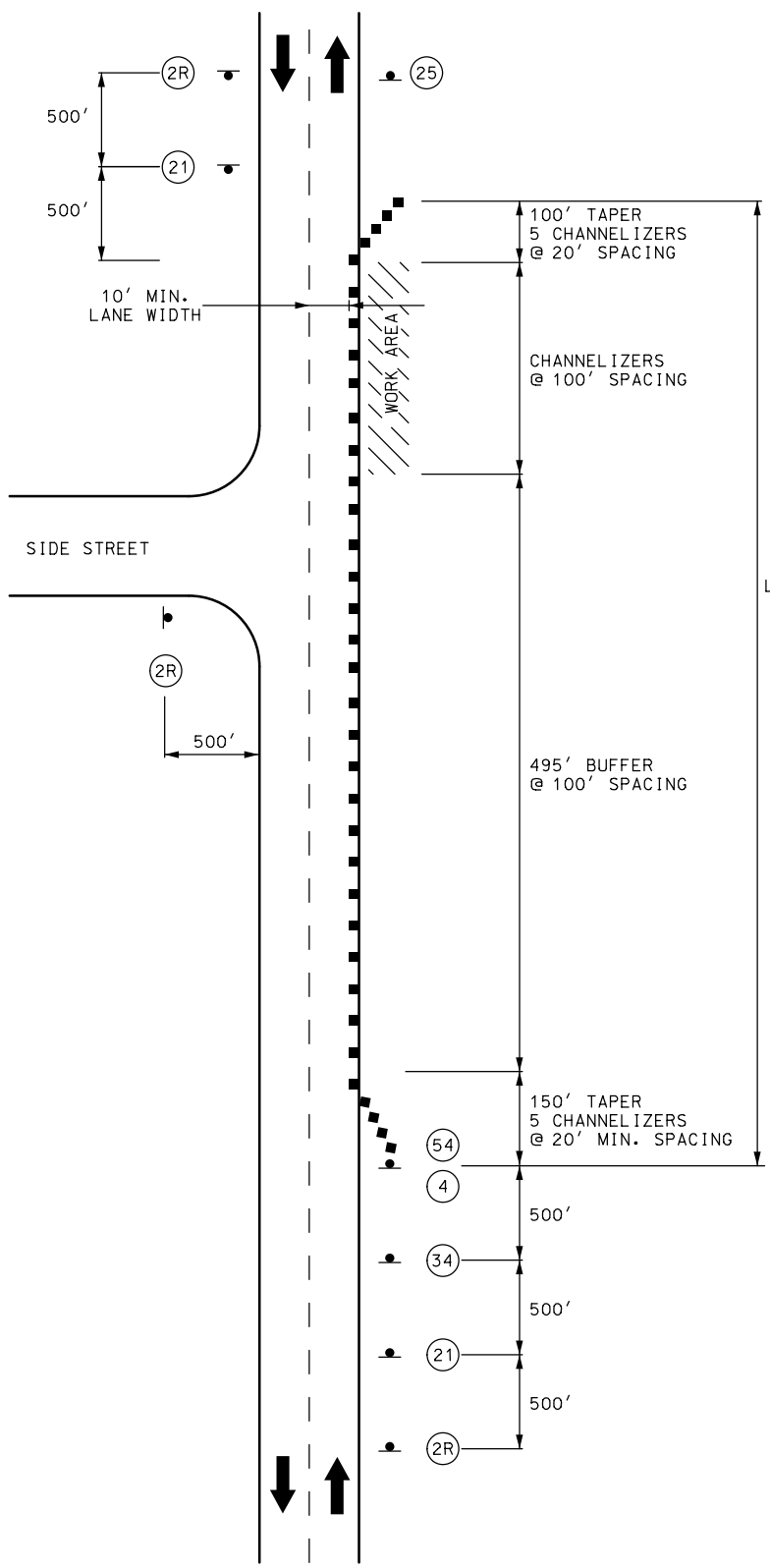
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THOUVENOT, WADE & MOERCHEN, INC.
CONSULTING ENGINEERS OF PROFESSIONAL SERVICES

PLAN - PROFILE SHEETS
W. OSAGE STREET
SHEET 1 OF 1

DESCRIPTION

DATE



G020-5aP
(54)



R2-1
(4)

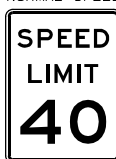


W021-5b
(21)



W05-5
(34)

NORMAL SPEED



R2-1
(25)

TRAFFIC CONTROL LEGEND

- PROTECTIVE VEHICLE
- TRUCK MOUNTED ARROW PANEL
- TRUCK MOUNTED ATTENUATOR
- CHANNELIZER (TRIMLINE)
- FLAGGER
- SIGN (SINGLE SIDED)
- WORK AREA
- TRAFFIC OR PEDESTRIAN SIGNAL

ROADWAY TYPE	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE POST 7'	0.25 MI.
RURAL UNDIVIDED	1' PORTABLE POST 5'	0.25 MI.

NOTES:

CHANNELIZER SPACING WILL BE 50' INTERVALS THROUGH THE WORK AREA AND 20' INTERVALS THROUGH THE TAPER.

LANES WILL BE A MINIMUM OF 10'

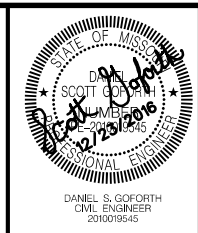
SIGN SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL WILL BE COVERED OR REMOVED.

DAYLIGHT FLAGGING OPERATION ONLY.

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SHOULDER WORK WITH
MINOR TRAVELWAY
ENCROACHMENT



DATE PREPARED 12/23/2016	
ROUTE OSAGE	STATE MO
DISTRICT SL	SHEET NO. 5
COUNTY ST. LOUIS	
JOB NO. J6M0265	
CONTRACT ID. .	
PROJECT NO. .	
BRIDGE NO. .	

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

THOUVENOT, WADE & MOERCHEN, INC.
CONSULTING ENGINEERING AND ARCHITECTURAL SERVICES

TRAFFIC CONTROL SHEETS (TC)	W. OSAGE STREET
SHEET 1 OF 1	