

MISSOURI DEPARTMENT OF TRANSPORTATION FORMAL BID GUIDELINES AND DOCUMENTATION FOR PURCHASES BETWEEN \$3,000 - \$24,999.99 THIS IS NOT AN ORDER

REQUEST FOR QUOTE

MODOT CENTRAL DISTRICT

It is the vendor's responsibility to read and comply with all conditions, specifications, and instructions outlined in this document. This document and any subsequent attachments shall supersede all confirmation forms, receipts, or any other paperwork needed to secure materials, equipment, or services.

			materiale, equipment, or convices.			
TODAY'S DATE:	BIDS DUE BY (DATE	E AND TIME):	F.O.B. REQUIREMENTS:			
	JUNE 8, 2015					
JUNE 1, 2015	(1:00 PM CT)		FOB DESTINATION			
JUNE 1, 2015	(1.001 m 01)		1 OB BESTINATION			
TO BE DELIVERED/COMPLETED NO	QUOTATION #:		BUYER NAME:			
LATER THAN:	CD 4	5-070Q				
	CD-13)-U1 UQ	SHELDON REDEL			
	THIS QUOTATION # S	SHOULD BE	SR. PROCUREMENT AGENT			
PLEASE PROVIDE BEST DELIVERY.	REFERENCED ON AL	L MAILING LABELS.	GRAT ROSSREMENT PROERT			
T LEASE PROVIDE BEST BELIVERT.	ENVELOPES, AND AN	,	DUONE NUMBER: (572) 754 7709			
	CORRESPONDENCE.		PHONE NUMBER: (573) 751-7708			
	CORRESPONDENCE.		FAX NUMBER: (573) 526-6796			
District Mailing Address:		Delivery Locations	:			
MoDOT Central District Office		•				
1511 Missouri Blvd.		See Attached Que	ote/Bid Specifications			
P.O. Box 718		2007aonoa qu	010, 214 op 0011104110110			
Jefferson City, MO 65102						

The Missouri Department of Transportation desires to establish pricing for Traffic Pole removal and install.

See Enclosed Specifications, Details and Pricing Pages

VENDOR NAME:

All responses to this Request for Quote MUST be submitted with this form and all pages MUST be returned to the Buyer listed above.



BID PROPOSAL

The Missouri Department of Transportation desires to establish pricing for the removal and installation of traffic signal pole.

Location

Potosi, MO. At the intersection of Highway 8 and Highway 21. Existing traffic pole is located on the northwest corner of the intersection.

Project Scope

Remove existing damaged signal pole, mast arm, signal heads and concrete base to 12" inches below the existing grade. Install new concrete base with 3" inch conduit to the nearest pull box and continuing on to the controller; pull new wires throughout. Install new steel pole and 30' ft arm and 15' ft luminaire bracket onto concrete base. Attach and wire one (1) left turn signal head and one (1) thru signal head. Attach and wire one (1) luminaire and install 4 signs.

See attached drawings.

Unique Site Conditions

The awarded contractor shall be responsible for traffic control as per the MUTCD, per MODOT EPG "Traffic Control for Field Operations.

All work must be done at night between the hours of 7:00 pm and 5:00 am.

The project Coordinator is Kevin Eggemeyer (573) 291-6336.

All work must be in accordance with the Missouri Standard Specifications for Highway Construction, 2011 Edition, and its latest supplement.

The contractor shall be responsible for all locates of underground utilities. It is the sole responsibility of the contractor to do preliminary inspection of work site.

Completion Date

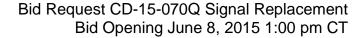
All work must be completed by October 15, 2015.

Inspection

All work will be inspected during construction. A final inspection will be made to determine compliance of standard specifications

Payment

Payment will be made only after the Project Coordinator completes the final inspection.





Prevailing Wage

The awarded contractor shall be required to comply with the prevailing wages as fixed by the Missouri Department of Labor and Industrial Relations. <u>General Wage Order #58 for Washington County</u>, as published by the Missouri Department of Labor and Industrial Relations is in effect. If awarded the contract, the Contractor shall be responsible for submitting notarized weekly payroll affidavit documentation included with the project request for payment. The successful vendor must provide a lien waiver from all material suppliers.

Contacts

If you have any questions regarding the Signal Replacement, please call: Kevin Eggemeyer at (573) 291-6336.

All other questions concerning this bid, you may contact Sheldon Redel at (573) 751-7708.

Invoicing and Payment Requirements

The contractor shall submit an itemized invoice on Company Letterhead.

The contractor shall be paid in accordance with the firm, fixed prices stated on the pricing page of this document. Other than the payment specified on the pricing page, no additional charges, including fuel surcharges shall be made to the contractor for any reason.

Payment will only be made after the work is completed and inspected.



ADDITIONAL REQUIREMENTS

All awarded bidders **MUST**:

- 1. MoDOT is precluded from contracting with a vendor or its affiliate who makes sales at retail of tangible personal property or for the purpose of storage, use or consumption in this state but fails to collect and properly pay the tax as provided in RSMo 144, their number is (573) 751-9268.
- 2. Be in good standing with the Secretary of State's office prior to issuance of 'Notice to Proceed.' Their phone number is (573) 751-4936.
- 3. Pursuant to 285.530 RSMo, the bidder must affirm its enrollment and participation in a federal work authorization program with respect to the employees proposed to work in connection with the services requested herein by

Submitting a completed, notarized copy of AFFIDAVIT OF WORK AUTHORIZATION, and

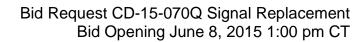
Proving documentation affirming the bidder's enrollment and participation in a federal work authorization program (see below) with respect to the employees proposed to work in connection with the services request herein.

E-verify is an example of a federal work authorization program. Acceptable enrollment and participation documentation consists of completed copy of the E-Verify Memorandum of Understanding (MOU). For vendors that are not already enrolled and participating in a federal work authorization program. E-Verify is available at http://www.dhs.gov/xprevprot/programs/gc_1185221678150.shtm

If it cannot be determined that a vendor is compliant with the above, it shall be the vendors responsibility to provide the documentation within a reasonable amount of time in relation to the needs within the bid.

Insurance

Contractor must carry the Liability Insurance as listed in the Missouri Standard Specifications For Highway Construction, 2011 Edition, including all supplement. Proof of insurance will be required prior to final award.





PRICING/ENDORSEMENT PAGE

Pricing/Award

Award will be made to the lowest total price to complete the project based on the listed specifications.

Awaru wili be iliac	ie to the lowest total pric	e to complete the project ba	sed on the fisted specifications.	
Proposed bidders	s price for Signal Repla	cement.		
	TOTAL PRICE	\$		
All Bidders should must submit to my		<mark>e listing for this project. P</mark> i	ior to final award, awarded bide	<mark>le</mark>
	ponsibility of the bidder their bid price reflects a		ring the time this project is out	fo
CONTRACTOR:				
		(Print)		
at a de			at at a	

** PRICING/ENDORSEMENT PAGE MUST BE RETURNED WITH THE COVER PAGE**

VENDOR INFORMATION & PREFERENCE CERTIFICATION FORM

Vendor Information All bidders must furnish <u>ALL</u> applicable information requested below

Vendor Name/Mailing Address:	Vendor Contact Information (including area codes):
	Phone #:
	Cellular #:
Email Address:	Fax #:
Printed Name of Responsible Officer or Employee:	Signature:
Timed Name of Responsible Officer of Employee.	orginature.
For Corporations - State in which incorporated:	For Others - State of domicile:
For Corporations - State in which incorporated.	For Others - State of domicile.
If the address listed in the Vendor Name/Mailing Address block a Missouri offices or places of business:	above is not located in the State of Missouri, list the address of
This can differ a placed of backless.	
If additional space is required please attach an additional sheet and	identify it as Addresses of Missouri Offices or Places of Business.
M/WBE INFORMATION: List all certified Minority or Women Bus	
Include percentages for subcontractors and identify the M/WBE of	certifying agency:
M/WBE Name Percentage	ge of Contract M/WBE Certifying Agency
If additional space is required, please attach an additional sheet and	identify it as M/WBE Information
Preferenc	e Certification
All bidders must furnish <u>ALL</u> app	olicable information requested below
which the bidder proposes to supply to the MHTC are <u>not</u> manuf with a qualifying treaty, law, agreement, or regulation, list below,	SA: If any or all of the goods or products offered in the attached bid actured or produced in the "United States", or imported in accordance by item or item number, the country other than the United States
where each good or product is manufactured or produced. Item (or item number) Locati	on Where Item is Manufactured or Produced
nom (or nom name)	on whole item is managed or i readest
If additional space is required, please attach an additional sheet	and identify it as Location Products are Manufactured or Produced.
MISSOURI SERVICE-DISABLED VETERAN BUSINESS: Pleas requested if preference is applicable. See below definitions for qu	e complete the following if applicable. Additional information may be ualification criteria:
Service-Disabled Veteran is defined as any individual who is disthe administration of veterans' affairs.	sabled as certified by the appropriate federal agency responsible for
owned business, not less than fifty-one (51) percent of and	oncern: by one or more service-disabled veterans or, in the case of any publicly the stock of which is owned by one or more service-disabled veterans; ich are controlled by one or more service-disabled veterans.
<u>Veteran Information</u>	Business Information
Service-Disabled Veteran's Name (Please Print)	Service-Disabled Veteran Business Name
Service-Disabled Veteran's Signature	Missouri Address of Service Disabled Veteran Business

APPLICANT AFFIDAVIT FOR SOLE-PROPRIETORSHIP OR PARTNERSHIP (a separate affidavit is required for each owner and general partner)

STATE OF)	
STATE OF	
	, 20, before me appeared
• •	to me or proved to me on the basis of satisfactory evidence to be
the person whose name is subscribed to the within instrumen	
•	, and I am of sound mind, capable of making this affidavit, and
	on 208.009, RSMo, for failure to provide affirmative proof of
lawful presence in the United States of America:	
I am the of business	, which is applying for a public benefit (grant,
contract, and/or loan) administered/provided by the Missou	ri Highways and Transportation Commission (MHTC), acting by
and through the Missouri Department of Transportation (Mol	DOT).
I am classified by the United States of America as:	(check the applicable box)
a United States citizen an a	lien lawfully admitted for permanent residence.
I am aware that Missouri law provides that any per	rson who obtains any public benefit by means of a willfully false
statement or representation, or by willful concealment or fair	lure to report any fact or event required to be reported, or by other
fraudulent device, shall be guilty of the crime of stealing pe	ursuant to Section 570.030, RSMo, which is a Class C felony for
stolen public benefits valued between \$500 and \$25,000 (pu	nishable by a term of imprisonment not to exceed 7 years and/or a
fine not more than \$5,000 – Sections 558.011 and 560.011, I	RSMo), and is a Class B felony for stolen public benefits valued at
\$25,000 or more (punishable by a term of imprisonment no	t less than 5 years and not to exceed 15 years - Section 558.011,
RSMo).	
I recognize that, upon proper submission of this sw	orn affidavit, I will only be eligible for temporary public benefits
until such time as my lawful presence in the United States is	determined, or as otherwise provided by Section 208.009, RSMo.
I understand that Missouri law requires MHTC/Mol	DOT to provide assistance in obtaining appropriate documentation
•	ates, and I agree to submit any requests for such assistance to
MHTC/MoDOT in writing.	
I acknowledge that I am signing this affidavit as a free act an	d deed and not under duress.
Affiant Signature	Affiant's Social Security Number or
	Applicable Federal Identification Number
Subscribed and sworn to before me this day	of, 20
	Notary Public
My commission expires:	nomy i done

WORKER ELIGIBILITY VERIFICATION AFFIDAVIT FOR ALL MHTC/MODOT CONTRACT AGREEMENTS IN EXCESS OF \$5,000 (for joint ventures, a separate affidavit is required for each business entity)

STATE OF)
COUNTY OF) ss
On this, day of, 20, before me appeared, personally known to me or proved to me on the basis of satisfactory evidence to be a
person whose name is subscribed to this affidavit, who being by me duly sworn, deposed as follows:
My name is, and I am of sound mind, capable of making this affidavit, and
personally certify the facts herein stated, as required by Section 285.530, RSMo, to enter into any contract agreement with the
state to perform any job, task, employment, labor, personal services, or any other activity for which compensation is provided,
expected, or due, including but not limited to all activities conducted by business entities:
I am the of, and I am duly authorized, directed, and/or, business name
empowered to act officially and properly on behalf of this business entity.
I hereby affirm and warrant that the aforementioned business entity is enrolled in a federal work authorization
program operated by the United States Department of Homeland Security to verify information of newly hired employees, and
the aforementioned business entity shall participate in said program with respect to all employees working in connection to
work under the within state contract agreement with the Missouri Highways and Transportation Commission (MHTC). I have
attached documentation to this affidavit to evidence enrollment/participation by the aforementioned business entity in a federal
work authorization program, as required by Section 285.530, RSMo.
In addition, I hereby affirm and warrant that the aforementioned business entity does not and shall not knowingly
employ, in connection to work under the within state contract agreement with MHTC, any alien who does not have the legal
right or authorization under federal law to work in the United States, as defined in 8 U.S.C. § 1324a(h)(3).
I am aware and recognize that, unless certain contract and affidavit conditions are satisfied pursuant to Section
285.530, RSMo, the aforementioned business entity may be held liable under Sections 285.525 though 285.550, RSMo, for
subcontractors that knowingly employ or continue to employ any unauthorized alien to work within the state of Missouri.
I acknowledge that I am signing this affidavit as a free act and deed of the aforementioned business entity and not
under duress.
A SCI and SCI anadom
Affiant Signature
Subscribed and sworn to before me this day of, 20
Notary Public
My commission expires:

STANDARD SOLICITATION PROVISIONS

- a. The solicitation for the procurement of the supplies referenced therein, to which these "Standard Bid Provisions, General Terms and Conditions and Special Terms and Conditions" are attached, is being issued under, and governed by, the provisions of Title 7 Missouri Department of Transportation, Division 10 Missouri Highways and Transportation Commission, Chapter 11 Procurement of Supplies, of the Code of State Regulations. The Missouri Highways and Transportation Commission (MHTC), acting by and through its operating arm, the Missouri Department of Transportation (MoDOT), draws the Bidder's attention to said 7 CSR 10-11 for all the provisions governing solicitation and receipt of bids/quotes and the award of the contract pursuant to this solicitation.
- b. All bids/quotes must be signed with the firm name and by a responsible officer or employee. Obligations assumed by such signature must be fulfilled.

GENERAL TERMS AND CONDITIONS

Definitions

Capitalized terms as well as other terms used but not defined herein shall have the meaning assigned to them in section 7 CSR 10-11.010 Definition of Terms.

Nondiscrimination

- a. The Contractor shall comply with all state and federal statutes applicable to the Contractor relating to nondiscrimination, including, but not limited to, Chapter 213, RSMo; Title VI and Title VII of Civil Rights Act of 1964 as amended (42 U.S.C. Sections 2000d and 2000e, *et seq.*); and with any provision of the "Americans with Disabilities Act" (42 U.S.C. Section 12101, *et seq*).
- b. <u>Sanctions for Noncompliance</u>: In the event of the Contractor's noncompliance with the nondiscrimination provisions of this contract, MHTC shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:
 - i. withholding of payments to the Contractor under the contract until the Contractor complies, and/or,
 - ii. cancellation, termination or suspension of the contract, in whole or in part.

Contract/Purchase Order

- a. By submitting a bid/quote, the Bidder agrees to furnish any and all equipment, supplies and/or services specified in the solicitation documents, at the prices quoted, pursuant to all requirements and specifications contained therein.
- b. A binding contract shall consist of: (1) the solicitation documents, amendments thereto, and/or Best and Final Offer (BAFO) request(s) with any changes/additions, (2) the Contractor's bid response, and (3) the MHTC's acceptance of the bid by post-award contract or purchase order.
- c. A notice of award does not constitute an authorization for shipment of equipment or supplies or a directive to proceed with services. Before providing equipment, supplies and/or services, the Contractor must receive a properly authorized notice to proceed and/or purchase order.

Applicable Laws and Regulations

- a. The contract shall be construed according to the laws of the State of Missouri. The Contractor shall comply with all local, state, and federal laws and regulations related to the performance of the contract. The exclusive venue for any legal proceeding relating to or arising, out of the contract shall be in the Circuit Court of Cole County, Missouri.
- b. The Contractor must be registered and maintain good standing with the Secretary of State of the State of Missouri, Missouri Department of Revenue, and other regulatory agencies, as may be required by law or regulations. Prior to the issuance of a purchase order and/or notice to proceed, the Contractor may be required to submit to MHTC a copy of their current Authority Certificate from the Secretary of State of the State of Missouri and/or a copy of their Certificate of No Tax Due from the Missouri Department of Revenue.
- c. Prior to the issuance of a purchase order and/or notice to proceed, all **out-of-state** Contractors **providing services** within the state of Missouri must submit to MHTC a copy of their current Transient Employer Certificate from the Missouri Department of Revenue, in addition to a copy of their current Authority Certificate from the Secretary of State of the State of Missouri.

Executive Order:

The Contractor shall comply with all the provisions of Executive Order 07-13, issued by the Honorable Matt Blunt, Governor of Missouri, on the sixth (6th) day of March, 2007. This Executive Order, which promulgates the State of Missouri's position to not tolerate persons who contract with the state engaging in or supporting illegal activities of employing individuals who are not eligible to work in the United States, is incorporated herein by reference and made a part of this Agreement.

- 1) "By signing this Agreement, the Contractor hereby certifies that any employee of the Contractor assigned to perform services under the contract is eligible and authorized to work in the United States in compliance with federal law."
- 2) In the event the Contractor fails to comply with the provisions of the Executive Order 07-13, or in the event the Commission has reasonable cause to believe that the contractor has knowingly employed individuals who are not eligible to work in the United States in violation of federal law, the Commission reserves the right to impose such contract sanctions as it may determine to be appropriate, including but not limited to contract cancellation, termination or suspension in whole or in part or both.
- 3) The Contractor shall include the provisions of this paragraph in every subcontract. The Contractor shall take such action with respect to any subcontract as the Commission may direct as a means of enforcing such provisions, including sanctions for noncompliance.

Preferences

- a. In the evaluation of bids/quotes, preferences shall be applied in accordance with 7 CSR 10-11.020(7). Contractors should apply the same preferences in selecting subcontractors. The attached document entitled "VENDOR INFORMATION AND PREFERENCE CERTIFICATION FORM" must be completed and returned with the solicitation documents.
- b. Bidders are encouraged to obtain minority business enterprise (MBE) and women business enterprise (WBE) participation in this work through the use of subcontractors, suppliers, joint ventures, or other arrangements that afford meaningful participation for M/WBEs. Bidders are encouraged to obtain 10% MBE and 5% WBE participation.

Page 1 of 4 Accepted: 05/16/11 Updated: 08/06/14

Cancellation of Contract

The MHTC may cancel the Contract at any time for a material breach of contractual obligations or for convenience by providing Contractor with written notice of cancellation. Should the MHTC exercise its right to cancel the contract for such reasons, cancellation will become effective upon the date specified in the notice of cancellation sent to the Contractor.

Bankruptcy or Insolvency

Upon filing for any bankruptcy or insolvency proceeding by or against the Contractor, whether voluntarily, or upon the appointment of a receiver, trustee, or assignee, for the benefit of creditors, the Commission reserves the right and sole discretion to either cancel the Agreement or affirm the Agreement and hold the Contractor responsible for damages.

Warranty

The Contractor expressly warrants that all equipment, supplies, and/or services provided shall: (1) conform to each and every specification, drawing, sample or other description which was furnished to or adopted by the MHTC, (2) be fit and sufficient for the purpose expressed in the solicitation documents, (3) be merchantable, (4) be of good materials and workmanship, and (5) be free from defect.

Status of Independent Contractor

The Contractor represents itself to be an independent Contractor offering such services to the general public and shall not represent itself or its employees to be an employee of the MHTC. Therefore, the Contractor shall assume all legal and financial responsibility for taxes, FICA, employee fringe benefits, workers' compensation, employee insurance, minimum wage requirements, overtime, etc., and agrees to indemnify, save and hold the MHTC, its officers, agents and employees harmless from and against any and all losses (including attorney fees) and damage of any kind related to such matters.

Non-Waiver

If one of the parties agrees to waive its right to enforce any term of this Contract, that party does not waive its right to enforce such term at any other time or to enforce any or all other terms of this Contract.

Indemnification

The Contractor shall defend, indemnify and hold harmless MHTC, including its members and department employees, from any claim or liability whether based on a claim for damages to real or personal property or to a person for any matter relating to or arising out of the Contractor's performance of its obligations under the contract awarded pursuant to this solicitation.

SPECIAL TERMS AND CONDITIONS

Tax Exempt Status:

MHTC is exempt from paying Missouri Sales Tax, Missouri Use Tax and Federal Excise Tax. However, the Contractor may themselves be responsible for the payment of taxes on materials they purchase to fulfill the contract. A Project Tax Exemption Certificate will be furnished to the successful Bidder upon request if applicable.

Insurance

The Contractor shall maintain or cause to be maintained at Contractor's own expense commercial general liability, automobile liability, worker's compensation insurance against negligent acts, errors or omissions of the Contractor, or its subcontractors and anyone directly or indirectly employed by any of them. Any insurance policy required as specified in this Section shall be written by a company that is licensed and authorized to issue such insurance in the state of Missouri and shall provide insurance coverage for not less than the following limits of liability:

- 1) General Liability: Not less than \$500,000 for any one person in a single accident or occurrence, and not less than \$3,000,000 for all claims arising out of a single occurrence;
- 2) Automobile Liability: Not less than \$500,000 for any one person in a single accident or occurrence, and not less than \$3,000,000 for all claims arising out of a single occurrence;
- Missouri State Workmen's Compensation policy or equivalent in accordance with state law.

Upon request from the Commission, the Contractor shall provide the Commission with certificates of insurance evidencing the required coverage and that such insurance is in effect.

Bid Guaranty/Contract Bond

- a. Each bid shall be accompanied by a Bid Bond, Certified Check, Cashier's Check or Bank Money Order payable to the Director of Revenue Credit State Road Fund for an amount equal to Five Percent (5%) of the amount of the bid submitted. This is to act as a guarantee that the bidder, if awarded the contract, will furnish an acceptable performance and payment bond (Contract Bond) or a cashier's check, a bank money order or a certified check made payable to "Director of Revenue--Credit State Road Fund" in an amount equal to One Hundred (100%) of the contract price.
- b. If a BID BOND is used (in lieu of a certified check, cashier's check, or bank money order), it must be in the form provided and executed by the bidder as principal and by a surety company authorized to do business in the State of Missouri as surety. The agent executing the same on behalf of the surety company must attach a current Power of Attorney setting forth his authority to execute the bond involved.
- c. Certified Checks, Cashier's Checks or Bank Money Orders of unsuccessful bidders will be returned as soon as the award is made. The checks or bank money orders of the successful bidder(s) will be retained until the contract is executed and a satisfactory Performance and Payment (Contract Bond) is furnished. Bid Bonds will not be returned except on specific request of the bidder.
- d. Failure to execute the contract and file acceptable performance payment (Contract Bond) or cashier's check, bank money order or certified check within **15 days** after the contract has been mailed to the bidder shall be just cause for the cancellation of the award and the forfeiture of the proposal guaranty. Award may then be made to the next lowest responsible bidder, or the work may be re-advertised and performed under contract or otherwise, as the Commission may decide. No contract shall be considered effective until it has been executed by all parties thereto.

Page 2 of 4 Accepted: 05/16/11 Updated: 08/06/14

Subcontracting

- a. It is specifically understood that no portion of the material or any interest in the contract, shall be subcontracted, transferred, assigned or otherwise disposed of, except with the written consent of MHTC. Request for permission to subcontract or otherwise dispose of any part of the work shall be in writing to MHTC and accompanied by documentation showing that the organization which will perform the work is particularly experienced and equipped for such work.
- b. Consent to subcontract or otherwise dispose of any portion of the work shall not be construed to relieve the Contractor of any responsibility for the production and delivery of the contracted work and the completion of the work within the specified time.
- c. All payments for work performed by a subcontractor shall be made to the Contractor to whom the contract was awarded and the purchase order issued.

Prohibition Of Employment Of Unauthorized Aliens:

- a. Non-employment of Unauthorized Aliens: Pursuant to Section 285.530, RSMo., no business entity or employer shall knowingly employ, hire for employment, or continue to employ an unauthorized alien to perform work within the State of Missouri. As a condition for the award of any contract or grant in excess of five thousand dollars by the State or by any political subdivision of the State to a business entity, or for any business entity receiving a state-administered or subsidized tax credit, tax abatement, or loan from the state, the business entity shall:
 - 1) By sworn affidavit and provision of documentation, affirm its enrollment and participation in a federal work authorization program with respect to the employees working in connection with the contracted services. E-Verify is an example of a federal work authorization program. The business entity must affirm its enrollment and participation in the E-Verify federal work authorization program with respect to the employees proposed to work in connection with the services requested herein by providing acceptable enrollment and participation documentation consisting of **completed** copy of the E-Verify Memorandum of Understanding (MOU). For business entities that are not already enrolled and participating in a federal work authorization program, E-Verify is available at http://www.dhs.gov/files/programs/gc 1185221678150.shtm
 - 2) By sworn affidavit, affirm that it does not knowingly employ any person who is an unauthorized alien in connection with the contracted services. A copy of the affidavit referenced herein is provided within this document, attached
- b. <u>Proof of Lawful Presence For Sole Proprietorships and Partnerships:</u> If the business entity is a sole proprietorship or partnership, pursuant to Section 208.009, RSMo., each sole proprietor and each general partner shall provide affirmative proof of lawful presence in the United States. Such sole proprietorship or partnership is eligible for temporary public benefits upon submission by each sole proprietor and general partner of a sworn affidavit of his/her lawful presence on the United States until such lawful presence is affirmatively determined, or as otherwise provided by Section 208.009, RSMo. A copy of the affidavit reference herein is provided within this document, attached

Construction Safety Program

Missouri law, 292.675 RSMo, requires the awarded Contractor and its subcontractor(s) to provide a ten-hour occupational safety and health administration (OSHA) construction safety program (or a similar program approved by the Missouri Department of Labor and Industrial Relations as a qualified substitute) for their on-site employees (laborers, workmen, drivers, equipment operators, and craftsmen) who have not previously completed such a program and are directly engaged in actual construction of the improvement (or working at a nearby or adjacent facility used for construction of the improvement). The Contractor and its subcontractor(s) shall require all such employees to complete this ten-hour program, pursuant to 292.675 RSMo, unless they hold documentation on their prior completion of said program. Penalties for non-compliance include Contractor forfeiture to the Commission in the amount of \$2,500, plus \$100 per contractor and subcontractor employee for each calendar day such employee is employed beyond the elapsed time period for required program completion under 292.675 RSMo.

Prevailing Wage

- a. The work to be performed under this solicitation is governed by the provisions of Chapter 290 RSMo, as amended, related to prevailing wages to be paid on public works.
- b. If the bid/quote is accepted, the vendor will be required to comply with the prevailing wages as fixed by the Missouri Department of Labor and Industrial Relations, in effect as of the date of the issuance of the solicitation, for each affected craft and type of workmen in the following county(ies): Washington. The General Wage Order # 58 is attached to the bid documents.
- c. Pursuant to the requirements of the Chapter 290 RSMo., not less than the prevailing hourly rate of wages, as set out in the wage order attached to and made part of the specification for work under the contract, must be paid to all workers performing work under the contract.
- d. The Contractor shall provide all information, reports and other documentation as required by MHTC to ensure compliance with Chapter 290 RSMo., as amended, relating to prevailing wages to be paid on public works.
- e. The Contractor shall forteit a penalty to the contracting public body of \$100 per day (or portion of a day) for each worker that is paid less than the prevailing rate for any work done under the contract by the contractor or by any subcontractor.

Permits, Licenses and Safety Issues

The contract price shall include any necessary permits and licenses required by law incidental to the work. Local ordinances requiring building permits are not applicable to state agencies.

Page 3 of 4 Accepted: 05/16/11 Updated: 08/06/14

Delivery - Additional Requirements

- a. The Contractor shall furnish the Missouri Department of Transportation with a planned delivery schedule at least 16 hours before starting delivery.
 - 1) Notification should be during the normal workday preceding the day on which the Contractor desires to initiate delivery.
 - 2) It will be necessary for a representative of the Missouri Department of Transportation to be present when the material is delivered.
 - 3) No material will be accepted that has been dumped in the absence of the department's aggregate materials checker.
- b. Unless otherwise specified in the proposal, deliveries will be a minimum of 500 Tons Per Day. No deliveries will be made during the period from 30 minutes before sundown to sunrise. No deliveries will be made on Saturdays, Sundays and holidays unless specifically authorized by the engineer.
- c. The following days shall be construed as official holidays under the terms of the contract:

January 1 New Year's Day

Third Monday in January Martin Luther King, Jr.'s Birthday

February 12 Lincoln's Birthday
Third Monday in February Washington's Birthday
May 8 Truman's Birthday
Last Monday in May Memorial Day

July 4 Independence Day
First Monday in September Labor Day
Second Monday in October Columbus Day

November 11 Veteran's Day
Fourth Thursday in November
December 25 Thanksgiving Day
Christmas Day

- d. When any of the above **holidays falls** on a **Sunday**, the holiday will be observed on the following **Monday**; when any of the above **holidays falls** on a **Saturday**, the **holiday** will be observed on the immediately preceding **Friday**.
- e. Contractor will not be required to provide dozers, loaders, motor graders, or other equipment for shaping of stockpiles, constructing ramps or runways, or leveling of the top of a completed lift, unless otherwise noted herein.

Temporary Suspension of Work

- a. The **District Engineer** shall have authority to suspend work wholly or in part for such period or periods as may be deemed necessary when weather or other conditions are such that in the opinion of the engineer, the work may be done at a later time with advantage to MoDOT or for failure on the part of the Contractor to comply with any of the provisions of the Contract.
- b. If MoDOT suspends the work for its own advantages and not because of the Contractor's failure to comply with the Contract, the Contractor will be allowed an equal number of calendar days after the completion date for the completion of the work. MoDOT may at its discretion give the Contractor an extension of time for completing the work where the Contractor incurs delays for causes beyond his control.
- c. Normal rainfall is not considered a cause qualifying for an extension of time. Claim for extension of time for all causes must be submitted by the Contractor in writing within **30 Days** after the claimed cause for the delay has ceased to exist.

Personal Protective Equipment

- a. All contractor and subcontractor employees utilized in the performance of work resulting from this request must adhere to OSHA standards and at a minimum shall utilize appropriate head, eye and foot protection in the performance of work.
- b. All workers within highway right of way shall wear approved ANSI/ISEA 107 Performance Class 2 or 3 safety apparel and more specifically as follows:
 - 1) **Daytime Flagger**. During daytime activities, flaggers shall wear a high visibility hard hat, safety glasses, a Performance Class 3 top OR a Performance Class 2 top, and safety footwear. Hard hats other than high visibility orange or green shall be covered with a high visibility covering.
 - 2) **Daytime Worker**. During daytime activities, workers shall wear a hard hat, safety glasses, a Performance Class 3 top OR a Performance Class 2 top, and safety footwear.
 - 3) **Nighttime Flagger**. During nighttime activities, flaggers shall wear a high visibility/reflective hard hat, safety glasses, a Performance Class 3 top AND Class E bottoms, OR Performance Class 2 top AND Class E bottoms, and safety footwear. Hard hats shall be reflective or covered with a high visibility covering.
 - 4) **Nighttime Worker**. During nighttime activities, workers shall wear a hard hat, safety glasses, a Performance Class 3 top OR Performance Class 2 top AND Class E bottoms, and safety footwear.

Page 4 of 4 Accepted: 05/16/11 Updated: 08/06/14

DESIGN DESIGNATION

A.A.D.T. - 2014 = 7.184A.A.D.T. - 2024 = 4.890D.H.V. = 10% T = 8.5%

FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

NO R/W PURCHASE

V = 35 M.P.H.

CONVENTIONAL SYMBOLS

(USED IN PLANS) EXISTING BUILDINGS AND STRUCTURES $\Gamma \sim -7$ GUARD RAIL 00000 CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER \circ UTILITIES FIBER OPTICS -F0- OVERHEAD TELEPHONE UNDERGROUND TELEPHONE **→** OVERHEAD POWER ____ __ UNDERGROUND POWER --G-- 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

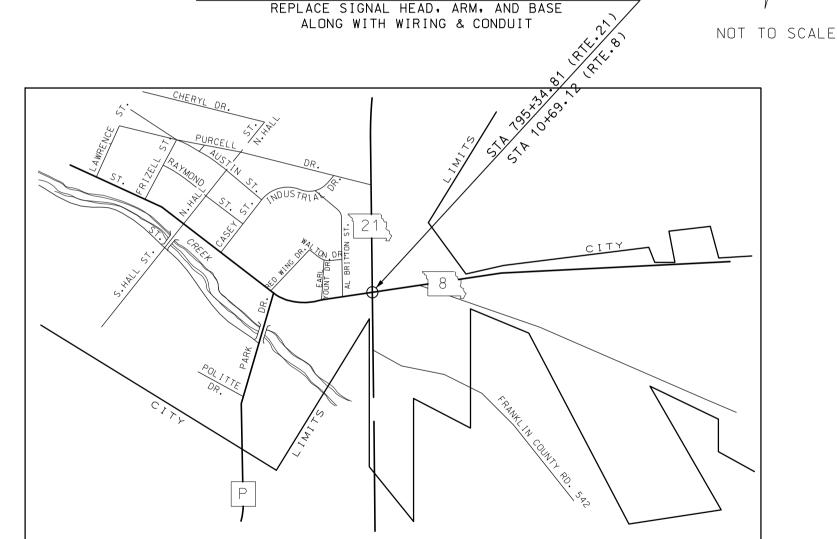
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

BENCHMARK

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION CONSTRUCTION PLANS FOR PROPOSED STATE HIGHWAY

WASHINGTON COUNTY

INTERSECTION OF RTE 21 & RTE 8





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 PROVIDED BY THE COMMISSION "AS-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.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (O SHEETS)	_
QUANTITIES (QU) (2 SHEETS)	2-3
SPECIAL SHEETS (SS)	-
TRAFFIC CONTROL SHEETS (TC)	4-5
EROSION CONTROL SHEETS (EC)	-
SIGNAL SHEETS (SG)	6-10
SIGNING (SN)	11
CULVERT SECTIONS (CS)	_
BRIDGE DRAWINGS (B)	
Δ###	xx-xx

A CERTIFIED DOCUMENT. 3/23/2015 21/8 MΩ CD WASHINGTON K14D0042 CONTRACT ID. PROJECT NO BRIDGE NO.

"THIS MEDIA SHOULD NOT BE CONSIDERED

LENGTH OF PROJECT

BEGINNING OF PROJECT XX.XXX LOG MILE XX.XXX END OF PROJECT APPARENT LENGTH INTERSECTION

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS

NONE

O MILES



NET LENGTH OF PROJECT O MILES STATE LENGTH O MILES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

REMOVAL OF IMPROVEME	INTS
ITEM	QTY
Existing Signal Pole #2	1 LS
Existing Pole Base #2	1 LS
Concrete removal for New Pole Base	1 LS
Concrete Removal for Conduit	1 LS
Sawout for Trenching	36 LF
Sawout for Push Pit	24 LF
INTAL	1 5

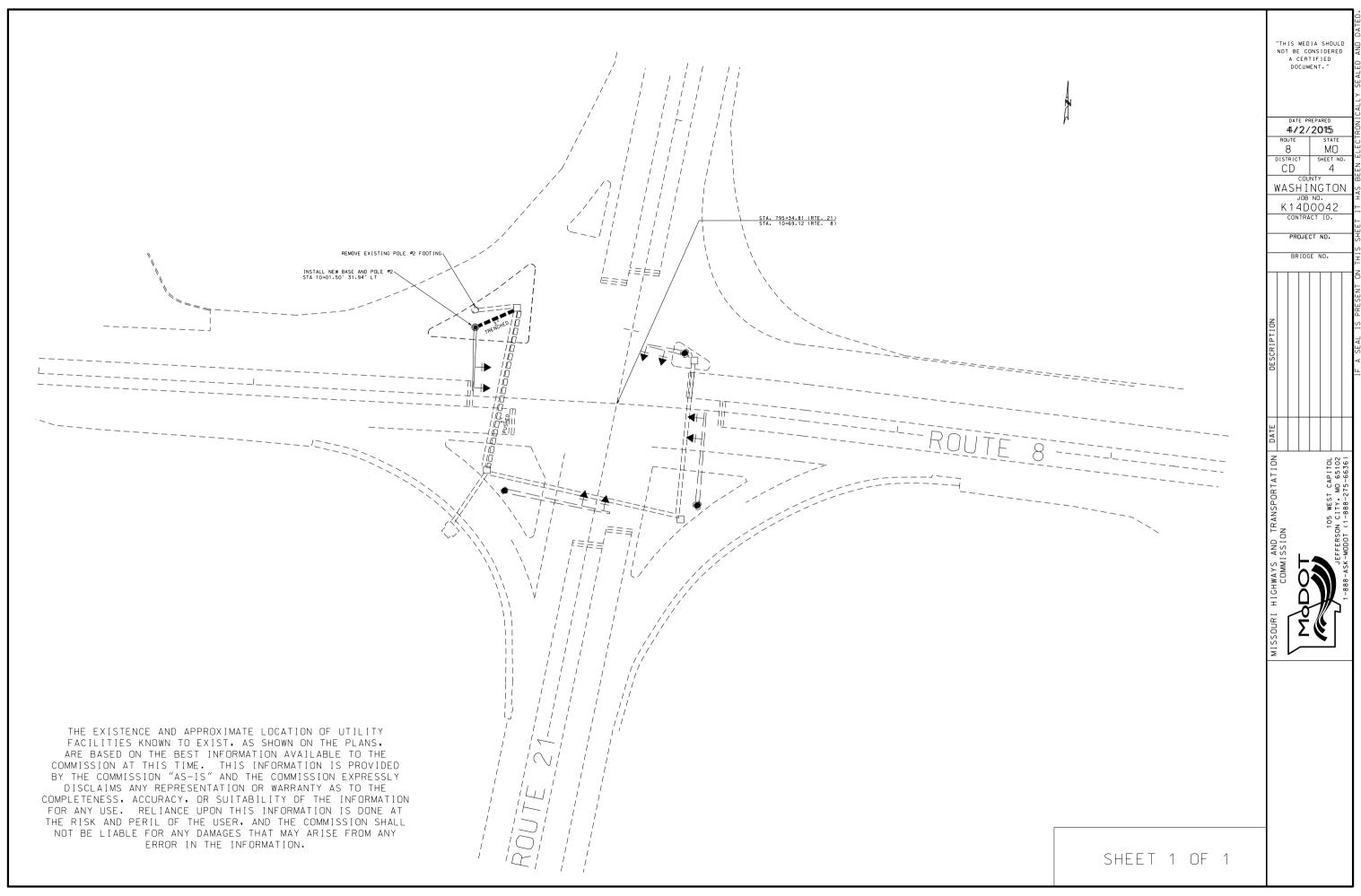
Mot	oilization	
1	Lump Sum	

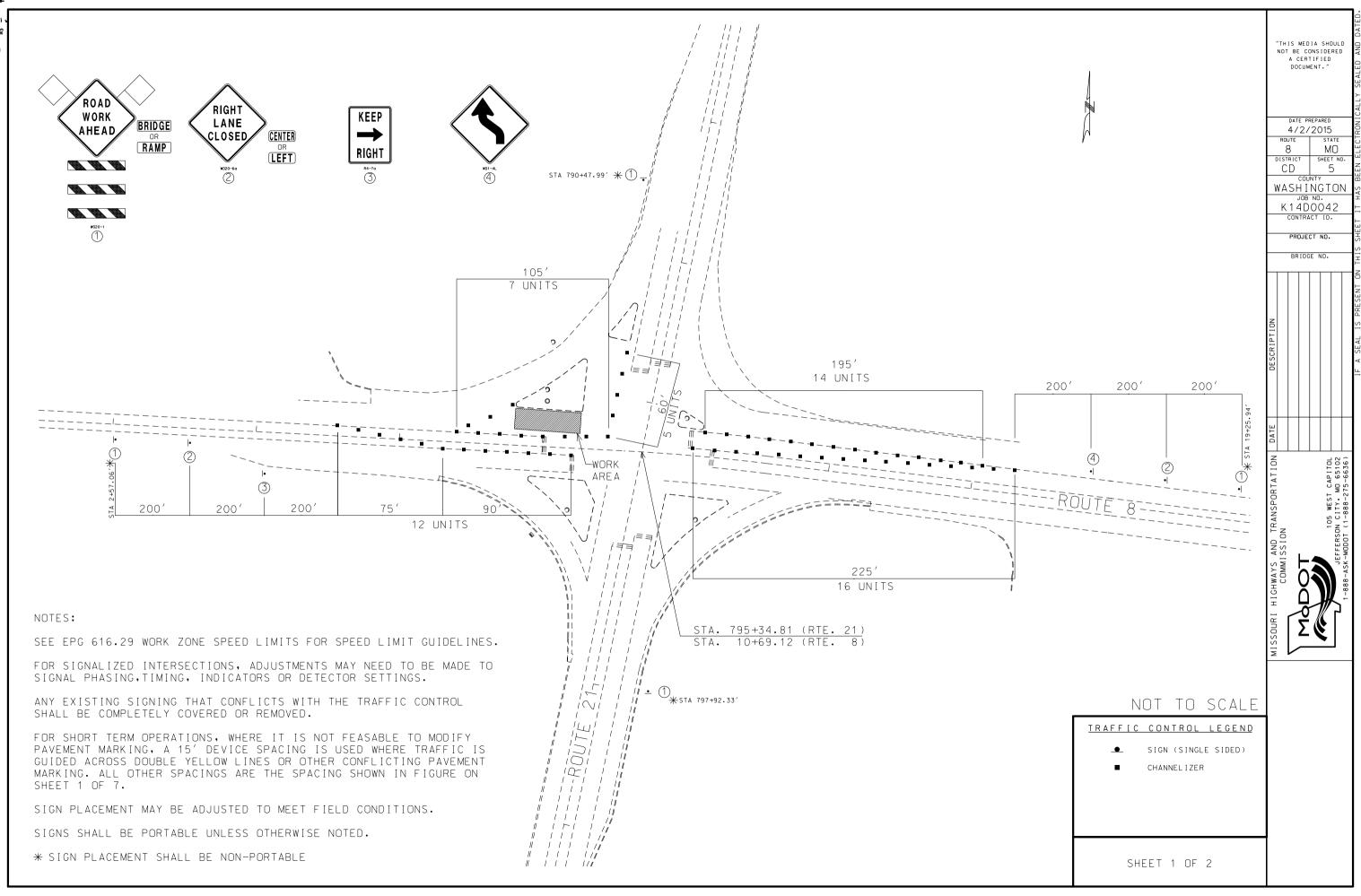
DATE PREPARED 4/14/2015 STATE MO COUNTY JOB NO. CONTRACT ID. BRIDGE NO.

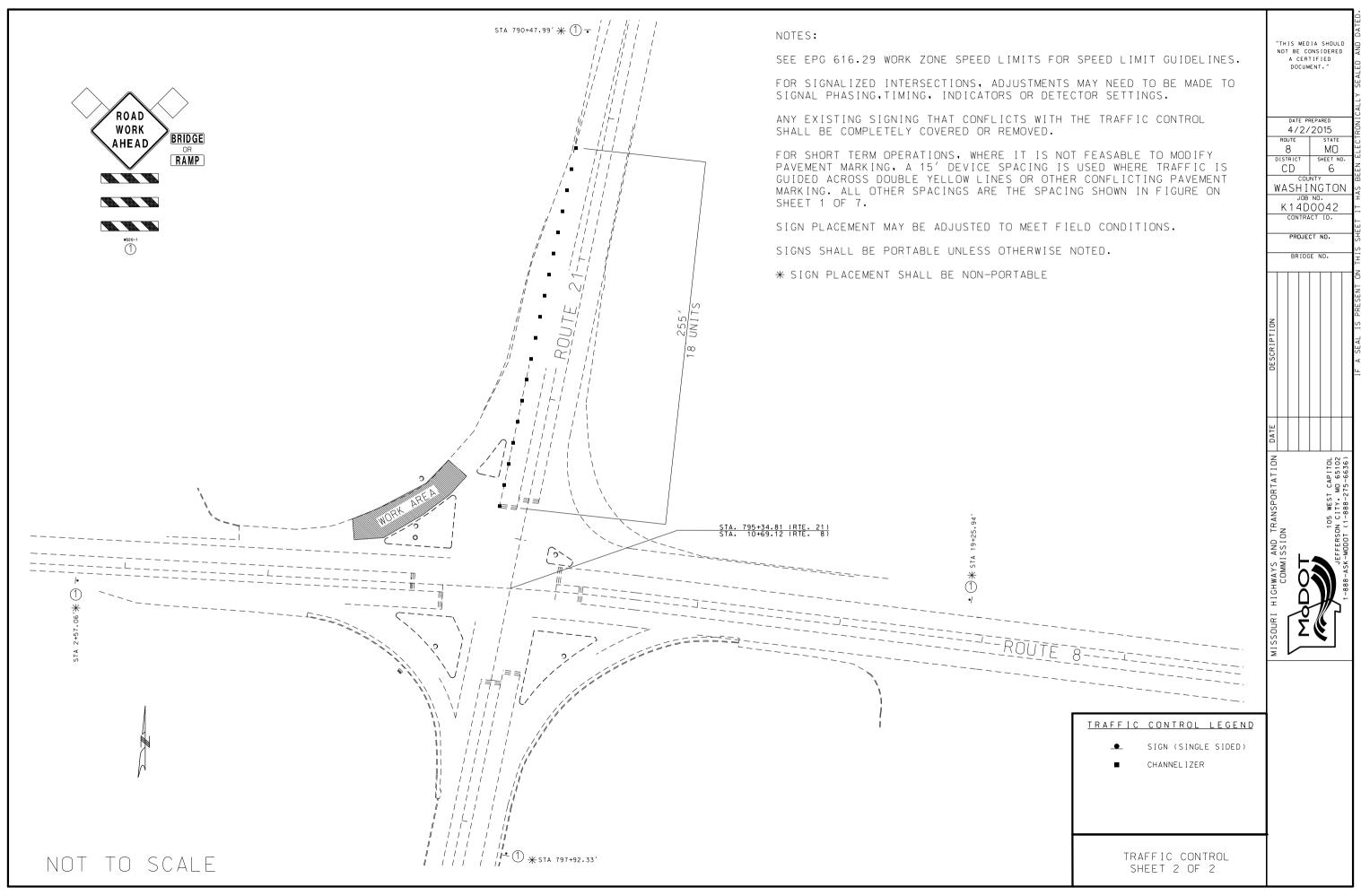
"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

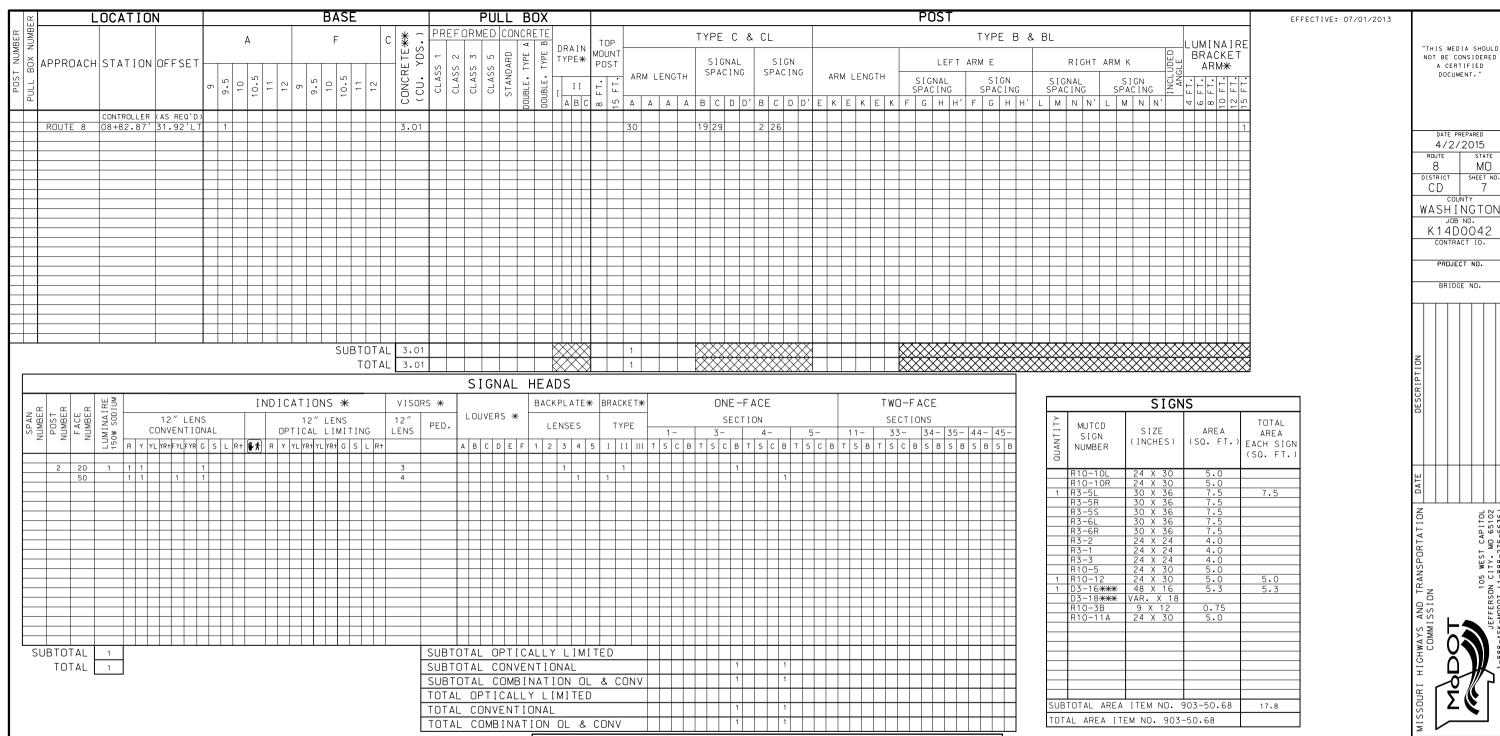
SUMMARY SHEET SHEET 1 OF 2

															EFFECTIVE: 08-01-2012	TED.
SIGN	SIZE	AREA	QTY T	OTAL QTY AREA RELOC	TOTAL RELOC	DESCRIPTION	SIGN	SIZE	AREA	QTY TOTA	A RELOC	TOTAL RELOC	DESCRIPTION			"THIS MEDIA SHOULD ON BE CONSIDERED A CERTIFIED
		1341 1117				NG SIGNS	W020-5a	48X48	16.00				2 RIGHT/CENTER/LEFT LANES CLOSED	_		DOCUMENT."
WO1-1L	48X48	16.00				TURN (SYMBOL LEFT ARROW)							AHEAD			SEA
WO1-1R	48X48	16.00				TURN (SYMBOL RIGHT ARROW)	W020-6a	48X48	16.00	2 32.0	0		RIGHT/CENTER/LEFT LANE CLOSED	_		>
WO1-2L	48X48	16.00				CURVE (SYMBOL LEFT ARROW)	W020-7a	48X48	16.00				FLAGGER (SYMBOL) WITH FLAGS	_		CAL
WO1 -2R	48X48	16.00				CURVE (SYMBOL RIGHT ARROW)	WO21-2 WO21-5b	36X36 48X48	9.00				FRESH OIL SHOULDER WORK AHEAD			DATE PREPARED Z
WO1-3L WO1-3R	48X48 48X48	16.00				REVERSE TURN (SYMBOL LEFT ARROW) REVERSE TURN (SYMBOL RIGHT ARROW)	W021 30	48X48	16.00				BLASTING ZONE AHEAD		TOTAL	4/2/2015 ROUTE STATE
WO1-4L	48X48		1	16.00		REVERSE CURVE (SYMBOL LEFT ARROW)	W022-2	42X36	10.50			_	TURN OFF 2-WAY RADIO AND PHONE	I TEM NUMBER	TOTAL DESCRIPTION	8 MO 🖁
WO1-4R						REVERSE CURVE (SYMBOL RIGHT ARROW)	WO22-3	42X36	10.50				END BLASTING ZONE	6122008	IMPACT ATTENUATOR (8 SAND BARRELS)	DISTRICT SHEET NO. Z
WO1-4bL	48X48	16.00				DOUBLE ARROW REVERSE CURVE (SYMBOL	W022-6e	21X15	2.19				WET PAINT (ARROW PIVOTS)	6122009	IMPACT ATTENUATOR (9 SAND BARRELS)	COUNTY
	407/40	46.00				LEFT ARROWS)					GUI	DE SIG	NS	6122010	IMPACT ATTENUATOR (10 SAND BARRELS)	WASHINGTON ₽
WO1-4bR	48848	16.00				DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT ARROWS)	SPECIAL	36X36	9.00				FRESH OIL/LOOSE GRAVEL	6122012	IMPACT ATTENUATOR (12 SAND BARRELS)	JOB NO. ± K14D0042 ⊢
W01-4cL	48X48	16.00				TRIPLE ARROW REVERSE CURVE (SYMBOL	E05-1 E05-2	36X48 48X36	12.00				GORE EXIT EXIT OPEN	6122014 6122017	IMPACT ATTENUATOR (14 SAND BARRELS) IMPACT ATTENUATOR (17 SAND BARRELS)	CONTRACT ID.
						LEFT ARROWS)	E05-2a	48X36	12.00				EXIT CLOSED	6122017	IMPACT ATTENUATOR (19 SAND BARRELS)	PROJECT NO.
W01-4cR	48X48	16.00				TRIPLE ARROW REVERSE CURVE (SYMBOL	G020-1	60X24	10.00				ROAD WORK NEXT XX MILES	6122020	REPLACEMENT SAND BARREL	- INGSECT NO.
WO1-6	60X30	12.50				RIGHT ARROWS) HORIZONTAL ARROW (SYMBOL)	G020-2	48X24	8.00				END ROAD WORK	6122030	IMPACT ATTENUATOR ARRAY (RELOCATION)	BRIDGE NO.
WO1-6 WO1-6a		12.50				HORIZONTAL ARROW (SYMBOL ON PERMANENT	G020-4	36X18	4.50				PILOT CAR FOLLOW ME	6123000A	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)	_ <u>-</u>
						BARRICADE)	SPECIAL	42X30	8.75				PLEASE WAIT FOR PILOT CAR	6161007	SPEED LIMIT AND STROBE LIGHT ASSEMBLY	- [
WO1-7		12.50				DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	G020-5aP	36X24	6.00				WORK ZONE (PLAQUE)	6161008 6161009	4 ADVANCED WARNING RAIL SYSTEM 4 FLAG ASSEMBLY	
WO1-7a	72X36	18.00				DOUBLE HEAD HORIZONTAL ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-8a MO4-9L	24X18 48X36	3.00 12.00				END DETOUR DETOUR (LEFT ARROW)	6161020	CHANNELIZER (DRUM-LIKE)	- <u> </u>
WO1-8	18X24	3.00				CHEVRON (SYMBOL)	MO4-9R	48X36	12.00				DETOUR (RIGHT ARROW)	6161022	CHANNELIZER (CONES)	
WO1-8a	30X36	7.50				CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	MO4-10L	48X18	6.00				DETOUR (ARROW LEFT)	6161024	CHANNELIZER (TRIM LINE) WITH LIGHT	TA
WO3-1	48X48	16.00				STOP AHEAD (SYMBOL)	MO4-10R	48X18	6.00				DETOUR (ARROW RIGHT)	6161025	CHANNELIZER (TRIM LINE)	SE
WO3-2	48X48	16.00				YIELD AHEAD (SYMBOL)								6161026	CHANNELIZER (VERTICAL PANEL) CHANNELIZER (VERTICAL PANEL) WITH LIGHT	DES
WO3-3 WO3-4	48X48 48X48	16.00				SIGNAL AHEAD (SYMBOL)								6161027 6161028	74 CHANNELIZER	- -
W03-4 W03-5	48X48	16.00				BE PREPARED TO STOP SPEED LIMIT AHEAD								6161030	TYPE III MOVEABLE BARRICADE	7
WO4-1L	48X48	16.00				MERGE (SYMBOL FROM LEFT)					REGIII	ATORY S	IGNS	6161031	TYPE III MOVEABLE BARRICADE WITH LIGHT	<u> </u>
WO4-1R	48X48					MERGE (SYMBOL FROM RIGHT)	R1-1	48X48	13.25		THE COL		STOP	6161033	DIRECTION INDICATOR BARRICADE	
WO5-1						ROAD/BRIDGE/RAMP NARROWS	R1-2	48 TRI.	6.93				YIELD	6161034	DIRECTION INDICATOR BARRICADE, WITH LIGHT	ATE
W05-3	48X48	16.00				ONE LANE BRIDGE	R1-2a	36X36	9.00				TO ONCOMING TRAFFIC (PLAQUE)	—6161040 —6161047	FLASHING ARROW PANEL TYPE III OBJECT MARKER	
WO5-5 WO6-1	48X48	16.00				NARROW LANES	R1-3	20X9	1.25				X-WAY (PLAQUE)	6161051	WARNING LIGHT, TYPE A	ON 01
W06-1	48X48 48X48	16.00				DIVIDED HIGHWAY (SYMBOL) DIVIDED HIGHWAY END (SYMBOL)	R2-1	36X48	12.00			_	SPEED LIMIT XX	6161052	WARNING LIGHT, TYPE B	P I T I 6531
WO6-3	48X48					TWO WAY TRAFFIC (SYMBOL)	R3-1 R3-2	48X48 48X48	16.00				NO RIGHT TURN (SYMBOL) NO LEFT TURN (SYMBOL)	6161053	WARNING LIGHT, TYPE C	CA MO
W07-3a	30X24	5.00				NEXT XX MILES (PLAQUE)	R3-2	36X36	9.00				NO TURNS	6161055 6161070	SEQUENTIAL FLASHING WARNING LIGHT TUBULAR MARKER	FST 7.
WO8-1	48X48	16.00				BUMP	R3-4	48X48	16.00				NO U-TURN (SYMBOL)	6161070	RADAR SPEED ADVISORY SYSTEM	ANS C11 -88
WO8-2		16.00				DIP	R3-7L	30X30	6.25				LEFT LANE MUST TURN LEFT	6161096	CHANGEABLE MESSAGE SIGN, COMMISSION	- 5 2 6 2 5 6 7 5
WO8-3 WO8-4		16.00				PAVEMENT ENDS SOFT SHOULDER	R3-7R	30X30					RIGHT LANE MUST TURN RIGHT		FURNISHED/RETAINED	AND SSIO
WO8-4 WO8-5	+					SLIPPERY WHEN WET (SYMBOL)	R4-1	36X48	12.00				DO NOT PASS	6161098	CHANGEABLE MESSAGE SIGN, CONTRACTOR FURNISHED/RETAINED	AN 1 SS 1 SS MO
WO8-6	+					TRUCK CROSSING WITH FLAGS	R4-2 R4-7aL	36X48 36X48	12.00				PASS WITH CARE KEEP LEFT (HORIZONTAL ARROW)			MM Z
WO8-6c	48X48	16.00				TRUCK ENTRANCE	R4-7a	36X48	12.00		0		KEEP RIGHT (HORIZONTAL ARROW)	6161100	CHANGEABLE MESSAGE SIGN, CONTRACTOR FURNISHED/COMMISSION RETAINED	₩ H CC
WO8-7	36X36	9.00				LOOSE GRAVEL	R5-1	30X30	6.25				DO NOT ENTER	6173600D	CONTRACTOR FURNISHED/RETAINED TEMPORARY	⊣º N % º 11
WO8-9	48X48					LOW SHOULDER	R5-1a	36X24	6.00				WRONG WAY		TRAFFIC BARRIER	Ĭ <u></u> Zo∕//2 II
WO8-11 WO8-12	48X48 48X48	16.00				UNEVEN LANES NO CENTER LINE	R6-1L	48X18	6.00				ONE WAY ARROW (LEFT)	6173602B	CONTRACTOR FURNISHED/COMMISSION RETAINED TEMPORARY TRAFFIC BARRIER	
W10-12	42 RND.					RAILROAD CROSSING	R6-1R	48X18	6.00				ONE WAY (LEET)	6174000A	TEMPORARY TRAFFIC BARRIER HEIGHT	
WO12-1	24X24	4.00				DOUBLE DOWN ARROW (SYMBOL)	R6-2L R6-2R	24X30 24X30	5.00				ONE WAY (LEFT) ONE WAY (RIGHT)		TRANSITION	<u>¥</u>
WO12-2	48X48					LOW CLEARANCE (SYMBOL)	R10-6	24X36	6.00			_	STOP HERE ON RED (45° ARROW)	6175010A	RELOCATING TEMPORARY TRAFFIC BARRIER	
W012-2x	24X18	3.00				LOW CLEARANCE (PLAQUE)	R11-2	48X30	10.00			_	ROAD CLOSED	6176000B	COMMISSION FURNISHED/RETAINED TEMPORARY	-
W012-2a	04824	14.00				OVERHEAD LOW CLEARANCE (FEET AND INCHES)	R11-3a	60X30	12.50				ROAD CLOSED XX MILES AHEAD LOCAL		TRAFFIC BARRIER	
WO8-15	48X48	16.00				GROOVED PAVEMENT	D44 1	00::==	46 = =				TRAFFIC ONLY	6177000B	COMMISSION FURNISHED/RETAINED TEMPORARY	
W08-15p	30X24					MOTORCYCLE (PLAQUE)	R11-4 S4-4	60X30	12.50				ROAD CLOSED TO THRU TRAFFIC	9019400	TRAFFIC BARRIER HEIGHT TRANSITION TEMPORARY LIGHTING	-
WO8-17		16.00				SHOULDER DROP-OFF (SYMBOL)	S4-4 CONST-3A	36X15 60X48	3.75				WHEN FLASHING FINE SIGN	9029400	TEMPORARY TRAFFIC SIGNALS	
WO8-17p SPECIAL	30X24	5.00				SHOULDER DROP-OFF (PLAQUE) LOW CLEARANCE XX FT XX IN XX MILES	CONST-3X		4.67				SPEEDING/PASSING (PLATE)	9029401	TEMPORARY TRAFFIC SIGNALS AND LIGHTING] II
SITECTAL	12000	30.00				AHEAD						<u>L</u>				」
SPECIAL	120X60	50.00				WIDTH RESTRICTION XX FT XX IN XX MILES					MISCELL	ANEOUS	SIGNS			- II
WO17 1	30720	6 35				AHEAD	SPECIAL	36X48	12.00			_	POINT OF PRESENCE			- I
WO13-1 WO16-2	30X30 30X24					ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE)	SPECIAL	96X48			T		POINT OF PRESENCE			- II
W016-2	30X24					X MILE (PLAQUE)	CONST-7-48						RATE OUR WORK ZONE	_		⊣ I I
WO20-1	48X48		4 (64.00		ROAD/BRIDGE/RAMP WORK AHEAD	CONST-7-72 616-10.		18.00		+		RATE OUR WORK ZONE			1
WO20-2	48X48					DETOUR AHEAD	CONSTRU		IGNS -	TOTAL 124		<				
W020-3	48X48					ROAD CLOSED AHEAD	616-10.									
W020-4		16.00				ONE LANE ROAD AHEAD	RELOCAT	ED SIG	NS TOT	AL						
WO20-5	40848	16.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD										









REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

- * ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.
- ** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

ROUTE 21 & ROUTE 8 INTERSECTION

(REPLACE DAMAGED SIGNAL POLE #2)

LEGEND

- T TOP MOUNT
- S SIDE MOUNT
- C SPANWIRE MOUNT
- 3 MAST ARM MOUNT

D-37A

STATE

MO SHEET NO

																		EFFECTIVE: 07-01-2	008			
																					"THI NOT	S MEDIA SHOULD BE CONSIDERED A CERTIFIED DOCUMENT."
																					4	DATE PREPARED 4/2/2015 TE STATE
					CONDUIT										CABLE						DISTR	TE STATE MO RICT SHEET NO.
	CENTER	LOOP DET.	TREI	NCH	PUSHED 1	MEDIAN	STRU	ON JCTURE		CENTER	PO	WER CONT	ROL		CLOSED LOOP INTERCONNECT		NAIRE	DETECTOR	FIBER		CI	D 8
FROM TO	TO CENTER DISTANCE	l I	2" 3"	4" 2"	3" 4" 2"	" 3" 4"	2"	3"	REMARKS FROM			2c #16 5c #16	7c #16	3c #16		CONTROL 2c #12	POLE & BRACKET	- 1c #14 2c #14 SINGL N DUCT CABLE MOD	.E-MULTI-	REMARKS	WΔ	SHINGTON JOB NO. 14D0042 CONTRACT ID.
2 2	22		25						FROM EXIST TO NEW	20 150			200			151	90	CABLE		FROM EXIST TO NEW		
	77				75				FROM EXIST TO EXIST	<u>6</u> 160			210			-				FROM EXIST TO NEW		PROJECT NO.
																						BRIDGE NO.
																					_ 	
																					- FI	
																					ESCR1	
																					DATE	
																					I I ON	105 WEST CAPITOL JEFFERSON CITY, MO 65102 K-MODOT (1-888-275-6636)
																					ORTAT	. CAP MO 6
																						WEST TY. 388-2
																					HIGHWAYS AND TRANSP COMMISSION	105 0N C]
																					NO S	ERSC DDOT
																					SAMIS	
																					HWAY CON	1-888-A
																					HIGH	
																					_ ⊒	2/1
																					SSOL	26
																					∃ ĭ l	
							+															
SUB	TOTALS		25		75				S	UBTOTALS			410			151	90					
	OTALS		25		75					TOTALS			410			160	90					
															INTER	SECTION OF	ROUTE 21 &	ROUTE 8 (REPLACE DAM	MAGED SIGNA	L POLE #2) D-37B		

	POWER SUPPLY														
LOC	ATION		POWER ASSE		CIRCUI	T BREAKE	R TRIP F	RATING *	LIGHTING	CONTROL *	SERVIC	E POLE			
	67171011	055657	DRAWING	001/41/10		CONT &		POWER SUPPLY DISCONNECT		R SUPPLY)	CONTRACT	UTILITY			
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	BREAKER	SIGNAL	MAIN B	REAKER LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	FURNISH	COMPANY			
			Туре		15 Amps	Amps	Amps	Amps		Amps	CI. Ft.				
			Туре		15 Amps	Amps	Amps	Amps		Amps	CI. Ft.				

				CO	NTRO	LLEF	≀ A	SS	EMBL`	Y AND) AUX	ILIAF	RY EC	UIPM	ENT							
LOCAT		SYSTEM MASTER (CLOSED LOOP		ACTUATED		ON-0	DFF * TCH	. (COORDINATION INTERFACE * NEMA CABINET 170 CABIN							170 SOFTWARE *						
APPROACH	STATION	TION OFFSET	(CLOSED LOOP)		ACTUATED		TY	PΕ	12C/7C HARDWIRE (1)		TIME	CLOSED	LOOP	FIBER	TIME * CLOCK	TYPE *			TYPE *		SOFTWARE *	
AFFRUACH	STATION	UFFSET	NEMA	170	NEMA	170	I	ΙI	MASTER	LOCAL	BASE	NEMA	170	LIBER		Е	ΕV	DOUBLE	332	336S	BITRAN	WAPITI

	DETE	CTOR SCH	EDULE							
		TYPE								
DETECTOR NUMBER	APPROACH	PUSH	INI	INDUCTION LOOP (2)						
NOMBER		PUSH BUTTON	STANDARD	DELAY/ EXTEND **	CALL UNIT *	VIDEO				
10	ROUTE 8 EB, LT TURN		1							
20	ROUTE 8 WB		1							
30	ROUTE 21 NB, LT TURN		1							
40	ROUTE 21 SB		1							
50	ROUTE 8 WB, LT TURN		1							
60	ROUTE 8 EB		1							
70	ROUTE 21 SB, LT TURN		1							
80	ROUTE 21 NB		1							
	TOTAL		8							

		NEMA DETECTOR ASSIGNMENT CARD POSITION									
		1	2	3	4	5	6	7	8		
C H A	1	10	60			30	80				
N N E L	2	50	20			70	40				

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = 4 (2)

NEMA LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
10	20	30	40	50	60	70	80				

	170 INPUT FILE ASSIGNMENTS														
	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
" _T "	U														
1	L														
″J ″	U														
J	L														

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

4/2/2015 ROUTE

WASHINGTON JOB NO.
K14D0042
CONTRACT ID.

> PROJECT NO. BRIDGE NO.

CD

STATE MO SHEET NO.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH TC HARDWIRE INTERCONNECT.

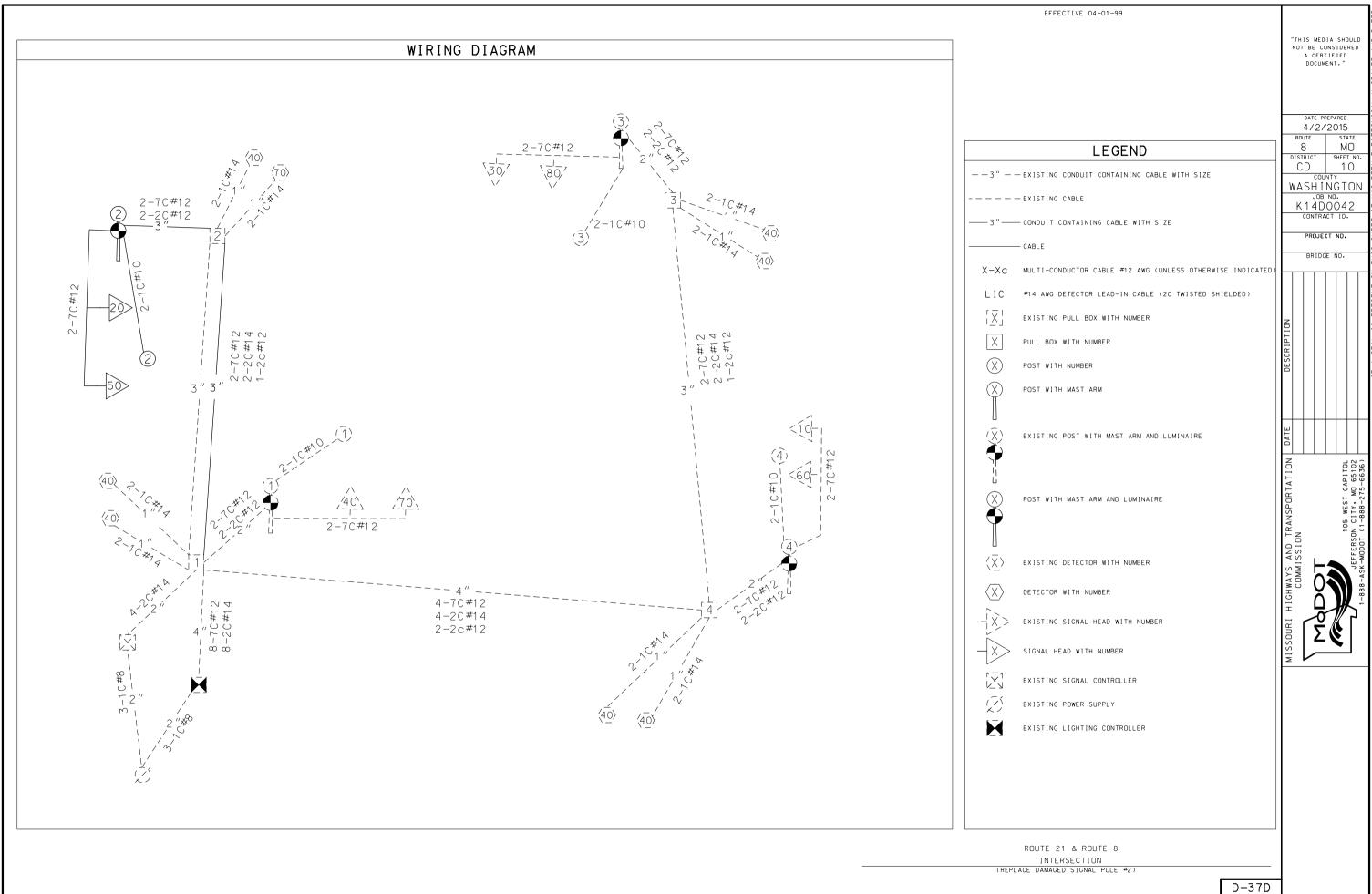
(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

170 OUTPUT FILE ASSIGNMENTS										
FR1										
FR2							MONITOR			
FR3							MON			
FR4										

		AUX		
FR5				
FR6				

ROUTE 21 & ROUTE 8

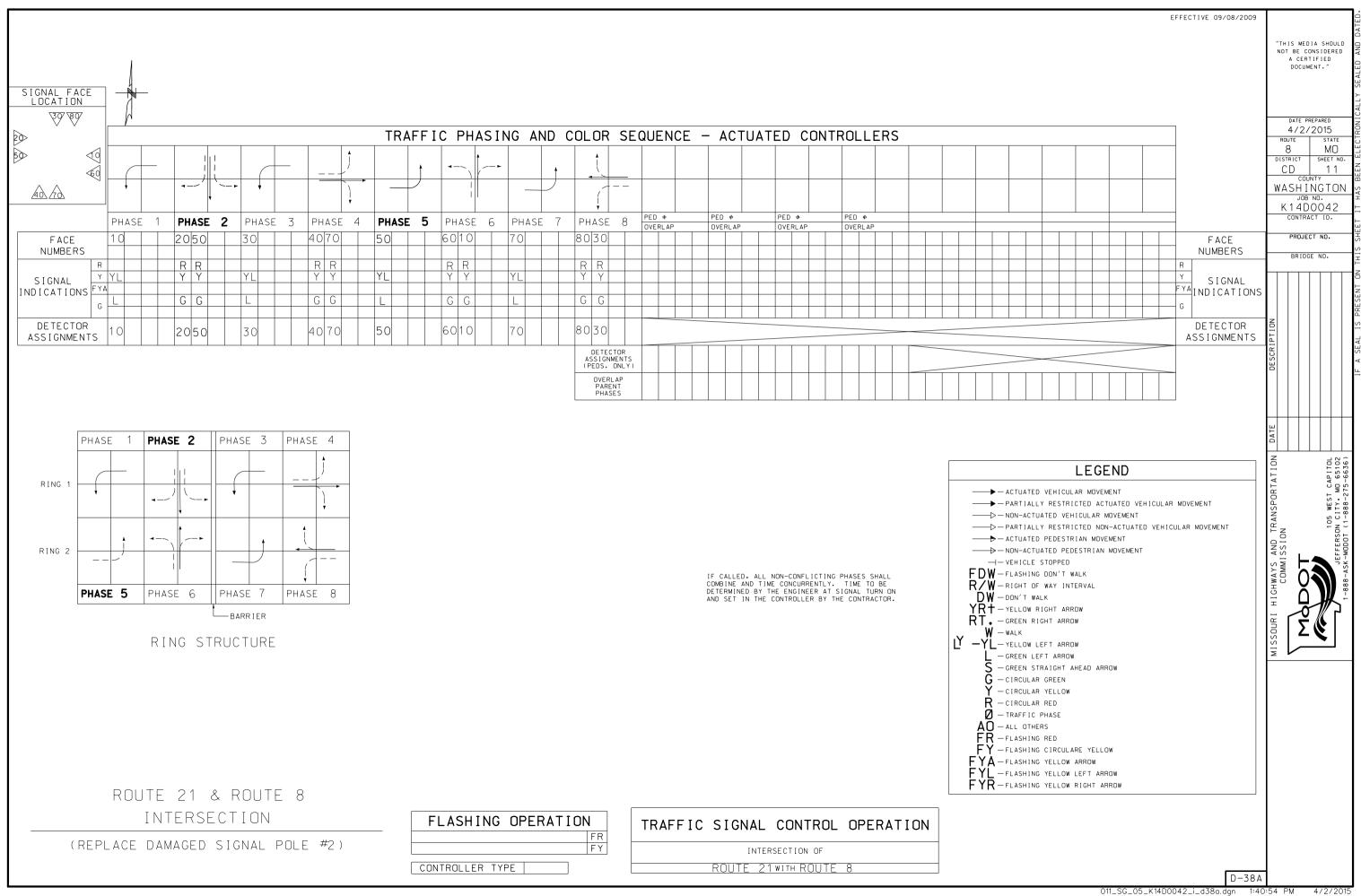
INTERSECTION



010_SG_04_K14D0042_i_d37d.dan

K14D0042_i_d37d.dgn 4/2

4/2/20



Route 21

R 0 U t e 2 1 5.000 12.500 20.125 27.375 33.000 45.375 53.000

	'TH NOT	BE A C	MED CUM	ONS TIF	I D E I E D	DUL (
	ROI (S) IST C	4/ JITE 3 RIC D SH CON	COU H I JOB TRA	S NTY NO O(M HEE 1 7 T T T T T T T T T T T T T T T T T T T	ON 2	
DESCRIPTION							
MISSOURI HIGHWAYS AND TRANSPORTATION DATE	COMMISSION		MoDOT		105 WEST CAPITOL	JEFFERSON CITY, MO 65102	