GRAESER ROAD RESURFACING PROJECT

FEDERAL PROJECT NUMBER STP-5526(638)

CITY OF CREVE COEUR, MISSOURI

ADDENDUM #2

JULY 25, 2014

Bidders are hereby instructed to make the following five (5) changes to the Bid Documents for the project referenced above and to consider these changes when making a Bid for the work specified therein:

Item #1: ADA Checklist: The MoDOT ADA Checklist was revised on March 31, 2014, and this revised checklist shall be used as a guide in construction of the pedestrian improvements.
Discussion: This checklist provides the current interpretation of accessibility guidelines.

Item #2: Federal Wage Rates: The U.S. Department of Labor has modified the federal wage rates (modification number 6).
Discussion: The federal wage rates that are in effect ten (10) days prior to the bid opening apply to the project. The current federal wage rates were updated on July 18, 2014, and shall apply to this project.

Item #3: Type A Epoxy Pavement Marking: The City will consider the use of Type A or Type B Epoxy Pavement Markings.
Discussion: The bid items for pavement markings indicated Type A markings were to be used, but the project specifications called for the performance of Type B markings. It is the City's intent to allow the Contractor to choose whether Type A or Type B is the most appropriate type of epoxy material to use to provide acceptable pavement markings.

Item #4: Project Schedule: The contract duration has been extended for the asphalt resurfacing portion of the work.
Discussion: At the pre-bid meeting on July 23, 2014, the potential bidders present raised the concern that the 90-day contract duration and the scope of the concrete sidewalk work could force the asphalt resurfacing work to take place late in 2014, and potentially in December. The City recognizes that planning for asphalt paving and pavement marking when temperatures will likely be below optimal temperatures will unacceptably increase the risk of failure for the project. Therefore, the contract duration has been extended through the end of April 2015 for the roadway resurfacing and striping work.

Item #5: Asphalt Index: The City has added the option for Bidders to use a particular asphalt market index to vary the price of Type "C" Bituminous Concrete and Type "X" Bituminous Concrete, based upon when the paving occurs.

Discussion: The City included the asphalt index as a result of the extension of the project deadline to the spring. The intent is to give bidders more comfort in their unit bid prices for asphalt work that may not occur for several months.

Addendum Summary

The five (5) changes included in this addendum affect sixty-two (62) pages of the Project Manual and zero (0) pages of the Construction Plans, as summarized below:

Item #1: The ADA Checklist (page ADA-1 – ADA-19) references the outdated ADA Checklist. A replacement ADA Checklist for this is included with this addendum.

Item #2: Section XVII (pages FWR-1 – FWR-31) references the outdated Federal Wage Rates. A replacement Section XVII is included with this addendum.

Item #3: Bid Items 620-62.01, 620-62.03, 620-62.10, 620-62.13, 620-62.15, and 620-62.31 (pages 14-15) contain the term "Type A". A replacement Section II (Itemized Bid Form) is included with this addendum. This replacement Section II also corrects the page numbers to match the Project Manual Table of Contents and to accommodate Item #5 below. Section 620 of the Technical Specifications has been revised. A replacement page TS-27 is included in this addendum.

Item #4: Section I (Page NTC-1) and Section X (Page C-2) reference the revised Period of Performance and Time of Completion, respectively. Replacement pages NTC-1 and C-2 are included with this addendum.

Item #5 The Technical Specification for Item #405001A Type "C" Bituminous Concrete has been revised to include the provisions for the asphalt index and to include Item #4053030 Type "X" Bituminous Concrete, as this index would apply to this item as well. The Asphalt Index Agreement has been added to Section II, and reference to the Asphalt Price Index Agreement has been added to Article I of the City-Contractor Agreement. Replacement pages TS-12, TS-13, and TS-14, and new pages TS-14A and IBF-5 are included with this addendum. The revisions to the City-Contractor Agreement are shown in the replacement page C-2 discussed in Item #4, above.

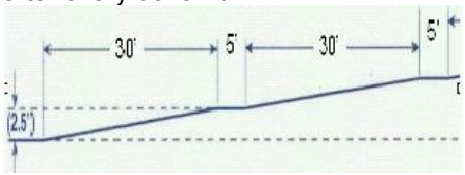
END ADDENDUM #2

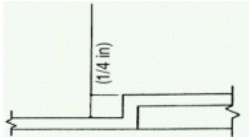
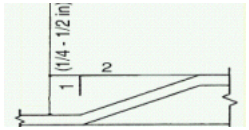
ADA CHECKLIST

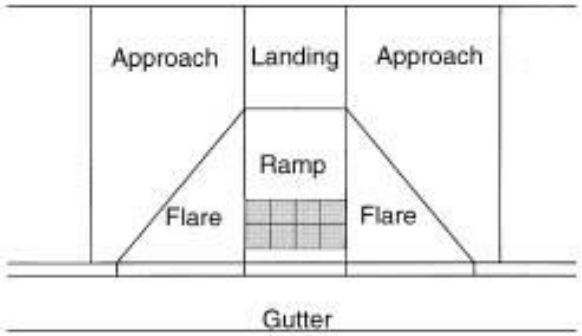
Revision March 31, 2014

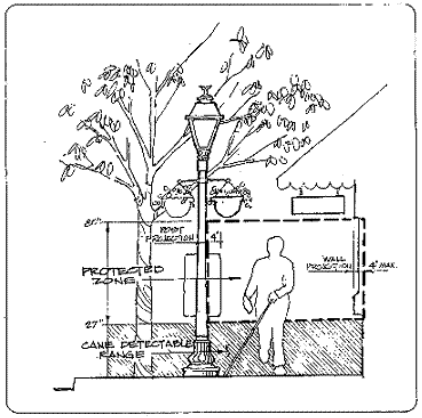
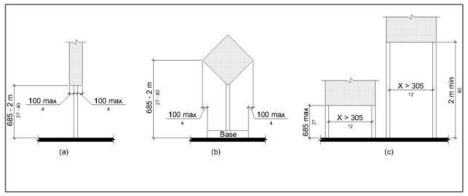
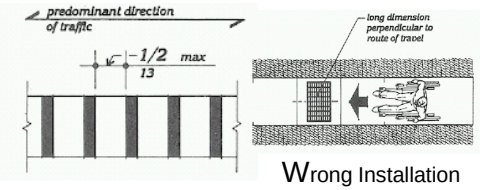
Job No. _____ **Route** _____ **County** _____ **Location** _____

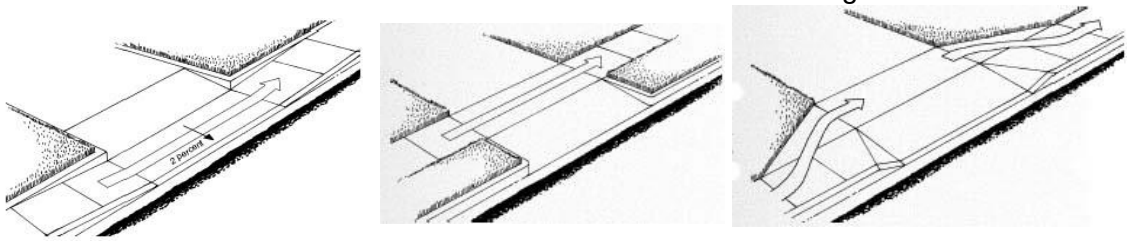
Pedestrian Access Route (PROWAG R204)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
Sidewalk Width 	• The minimum continuous and unobstructed clear width of a pedestrian access route shall be 4.0 feet, exclusive of the width of the curb. • The continuous clear width of pedestrian access routes for medians and pedestrian refuge islands must be 5 feet minimum in order to allow for passing space. • MoDOT Sidewalks shall be 5 feet wide minimum. [2] • MoDOT Sidewalks located within 2 feet of the back of curb are to be constructed 6 feet wide minimum and constructed adjacent to the back of the curb. [2] • Exception: an unaltered, existing sidewalk shall be 3 feet wide minimum and shall provide 5 foot x 5 foot passing spaces at intervals of 200 feet maximum. [2] ~~• Exception: The clear width shall be permitted to be reduced to 32 inches minimum for a length of 24 inches maximum provided that reduced width segments are separated by segments that are 48 inches long minimum and 36 inches wide minimum.~~ • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. Where commercial driveways are provided with traffic control devices or otherwise are permitted to operate like public streets, detectable warnings should be provided at the junction between the pedestrian route and the street. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush.			
Passing Spaces	• Walkways in pedestrian access routes that are less than 5 feet in clear width shall provide passing spaces at intervals of 200 feet maximum. • Pedestrian access routes at passing spaces shall be 5 feet wide for a distance of 5 feet.			
Sidewalk Running Slope The grade that is parallel to the direction of travel, expressed as a ratio of rise to run or as a percent.	• The running slope of a pedestrian access route shall be 5 percent maximum. **Roadway Grade Exception**: Where pedestrian access routes are contained within a street or highway right-of-way, the grade of the pedestrian access route is permitted to equal the general grade established for the adjacent street or highway. • Running Slopes shall be measured using a calibrated 2 foot long digital level.			

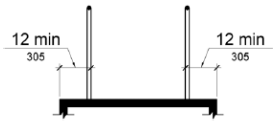
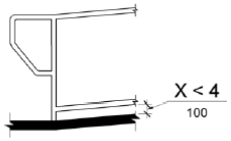
Figures/Examples	Requirements [1]	YES	NO	NA
Sidewalk Cross Slope The grade that is perpendicular to the direction of accessible pedestrian travel, measured perpendicular to the curb line or edge of the street or highway, or measured perpendicular to the running grade.	• The cross slope of the walkway of a pedestrian access route shall be 2 percent maximum. (Roadway Grade Exception may be considered) • 2010 ADA/ABA allows for cross slopes of up to ¼ inch per foot (2.08 percent). • In either case, a cross slope measurement of 2.1percent or greater is not ADA compliant. • Cross Slopes shall be measured using a calibrated 2 foot long digital level.			
Sidewalk Ramps For example, a ramp segment with the maximum allowed running slope of 8.33% would require 5' x 5' landing after every 30' of run.  	• A sidewalk segment (not contained within a street or highway border) with a running grade in excess of 5 percent but less than 8.33 percent is by definition a sidewalk ramp. • The clear width of landings, blended transitions, and curb ramps, excluding flares, shall be 4.0 feet minimum. • Cross slope of ramp runs shall be 2 percent maximum. • The rise for any ramp run shall be 30 inches maximum. • Ramps shall have landings at the top and the bottom of each ramp run. • Ramp runs with a rise greater than 6 inches shall have handrails. • Handrails shall be provided on both sides of stairs and ramps. • Edge protection shall be provided on each side of ramp runs. • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. ~~• In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations.~~ ~~a. A slope between 8.33% (1:12) and 10% (1:10) is allowed for a maximum total rise of 6 inches~~ ~~b. A slope between 10% (1:10) and 12.5% (1:8) is allowed for a maximum total rise of 3 inches.~~			

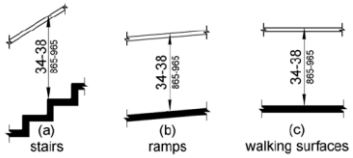
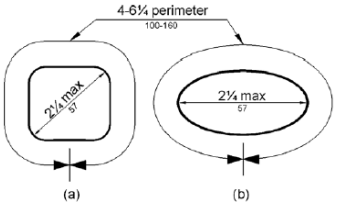
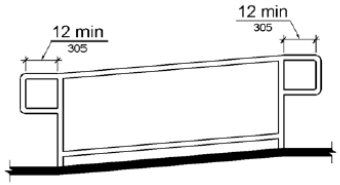
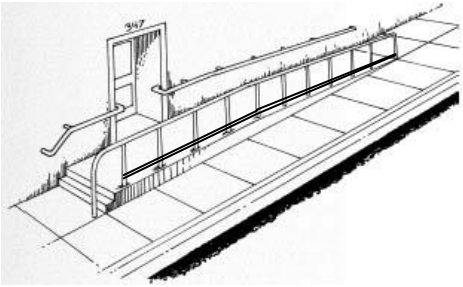
Figures/Examples	Requirements [1]	YES	NO	NA
Vertical Alignment	• Vertical alignment shall be planar within curb ramp runs, blended transitions, landings, and gutter areas within the pedestrian access route, and within clear spaces required for accessible pedestrian signals, street furniture, and operable parts. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. • Grade breaks shall be flush. • Running Slopes and Cross Slopes shall be measured using a calibrated 2 foot long digital level. • Where the pedestrian access route crosses rail tracks at grade, the surface of the pedestrian access route shall be level and flush with the top of the rail at the outer edges of the rail. The surface between the rails shall be aligned with the top of the rail.			
Changes in Level   	• Changes in level at grade breaks shall be flush. • Changes in level of ¼ inch high maximum shall be permitted to be vertical. • Changes in level between ¼ inch high maximum and ½ inch high maximum shall be beveled with a slope not steeper than 1v:2h. • The bevel shall be applied across the entire level change. • Changes in level greater than ½ inch high shall be ramp grade or flatter, a slope of 8.33 percent or less.			

Figures/Examples	Requirements [1]	YES	NO	NA
Landing A required level space required at both ends of a ramp. An area 5' x 5' with no slope greater than 2 percent. This space can be used as a place to rest, turn or pass another user. Landings that are contained within a street or highway border are permitted to use the Roadway Grade Exception for running slopes or cross slopes in the direction of the roadway travel being matched.	• The landing clear width shall be at least as wide as the widest ramp run leading to the landing. • The clear width of landings, blended transitions, and curb ramps, excluding flares, shall be 4 feet minimum. • The landing clear length shall be 5 feet long minimum. • Landing slopes shall be 2 percent maximum. • ~~Changes in level are not permitted.~~ • Changes in level at grade breaks shall be flush. • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. Detectable warning shall be located on the landing or blended transition at the back of curb. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. • **Roadway Grade Exception**: The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade. • Running Slopes and Cross Slopes shall be measured using a calibrated 2 foot long digital level.			
				

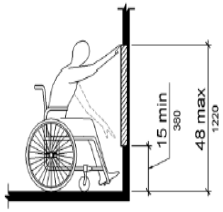
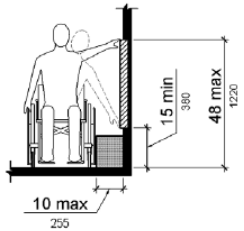
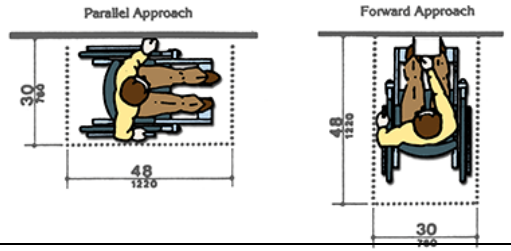
Figures/Examples	Requirements [1]	YES	NO	NA
 	• **Protruding objects** on sidewalks and other pedestrian circulation paths shall not reduce the clear width required for pedestrian accessible routes. • Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor or ground shall protrude 4 inches maximum horizontally into the circulation path. • Free-standing objects mounted on posts or pylons shall overhang circulation paths ~~12~~ 4 inches maximum measured horizontally from the post or pylon base when located 27 inches minimum and 80 inches maximum above the finish floor or ground. The base dimension shall be 2.5 inches thick minimum. (2011 PROWAG R402.3) • Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches, the lowest edge of such sign or obstruction shall be 27 inches maximum or 80 inches minimum above the finish floor or ground. • Vertical clearance shall be 80 inches high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches high. The leading edge of such guardrail or barrier shall be located 27 inches maximum above the finish floor or ground. • Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches high. The leading edge of such guardrail or barrier shall be located 27 inches maximum above the finish surface or ground.			
   Wrong Installation	• Openings in floor and ground surfaces shall not allow passage of a sphere more than ½ inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Lift holes for manhole/utility covers shall not have an opening greater than ½ inch. Plugging of holes greater than ½ inch with a material approved by the engineer is acceptable as long as it complies with the changes in level requirements.			

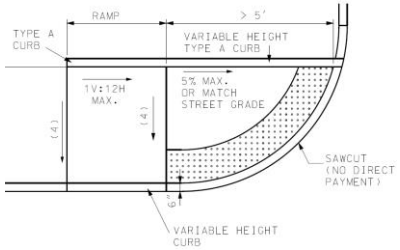
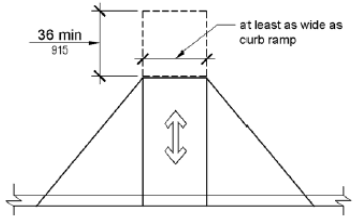
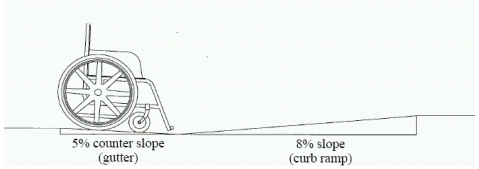
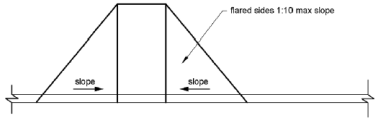
ENTRANCES (PROWAG R301)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
	• The minimum continuous and unobstructed clear width of a pedestrian access route provided across commercial and residential entrances shall be 4 feet minimum. • Cross slope shall be 2 percent maximum. • Be cautious with the transition from the driveway to the roadway to avoid grade combinations that will cause vehicles to bottom out when driving over the transition. [2] 			

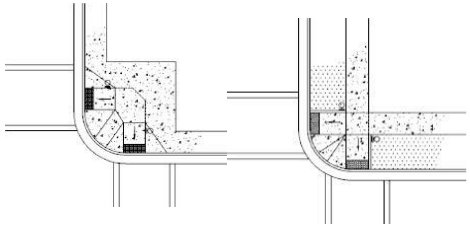
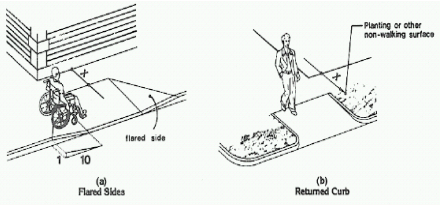
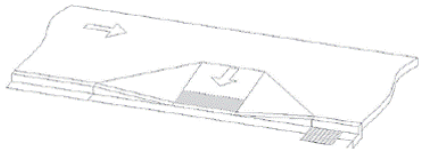
EDGE PROTECTION (PROWAG R406.8)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
 	• Edge protection shall be provided on each side of ramp runs and at each side of ramp landings. • Edge protection shall not be required on curb ramps and their landings. • Edge protection shall not be required on ramps that are not required to have handrails and have flares not steeper than 1:10. • Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of ½ inch maximum within 10 inches horizontally of the minimum landing area. • The floor or ground surface of the ramp run or landing shall extend 12 inches minimum beyond the inside face of a handrail. • A curb or barrier shall be provided that prevents the passage of a 4 inch diameter sphere, where any portion of the sphere is within 4 inches of the finish floor or ground surface.			

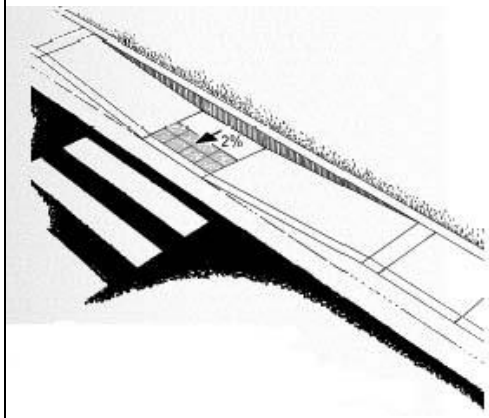
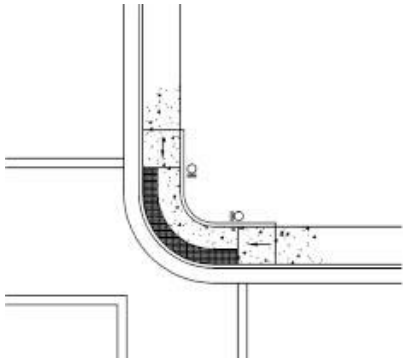
HANDRAIL AND PEDESTRIAN GUARDRAIL (PROWAG R408)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
   	• The clear width of walking surfaces shall be ~~36 inches~~ 4.0 feet minimum. • Handrails are required on ramp runs with a rise greater than 6 inches and on certain stairways. Handrails are not required on walking surfaces with running slopes less than 1:20. Where required, handrails shall be provided on both sides of stairs and ramps. • Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. • Top of gripping surfaces of handrails shall be 34 inches minimum and 38 inches maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. • Clearance between handrail gripping surfaces and adjacent surfaces shall be 1 1/2 inches minimum. • Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4 inches minimum and 2 inches maximum. • Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and 6 1/4 inches maximum, and a cross-section dimension of 2 1/4 inches maximum. • Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. • Handrails shall not rotate within their fittings. • Ramp handrails shall extend horizontally above the landing for 12 inches minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. • At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. • At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. • The surface of the ramp run or landing shall extend 12 inches minimum beyond the inside face of a handrail.			

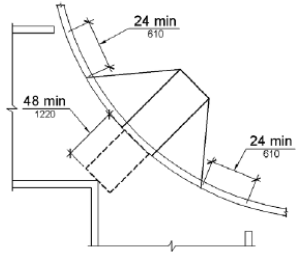
STAIRWAYS (PROWAG R407)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
	• All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4 inches high minimum and 7 inches high maximum. Treads shall be 11 inches deep minimum. • Open risers are not permitted. • ~~Stairway treads shall have a 2 inch minimum wide strip that contrasts visually with the tread and riser. The strip shall be located at the front of each tread and run the full width of the tread.~~ (See 2011 Proposed Accessibility Guidelines R408.4) • The radius of curvature at the leading edge of the tread shall be 1/2 inch maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall extend 1 1/2 inches maximum over the tread below. • Stairs shall have handrails complying with PROWAG 2005 R408.			

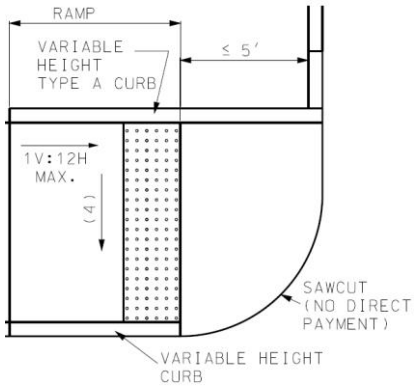
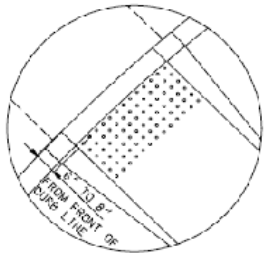
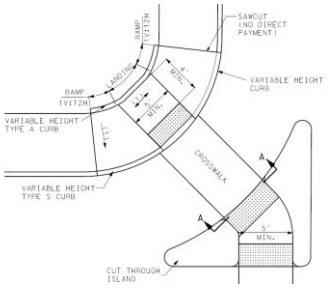
UNOBSTRUCTED REACH RANGES (PROWAG R404)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
 	Forward Reach • Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. Side Reach • Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground. • EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10 inches maximum. (2011 PROWAG R406.3) 			

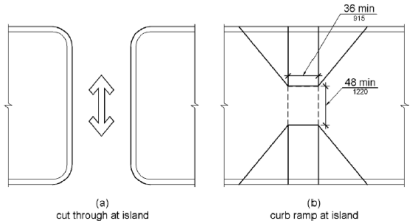
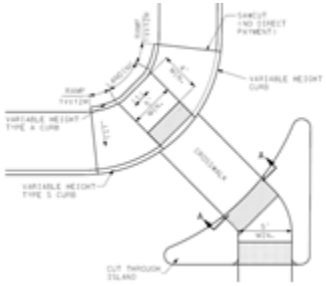
CURB RAMPS (PROWAG R303)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
A curb ramp, blended transition, or a combination of curb ramps and blended transitions shall connect the pedestrian access routes at each pedestrian street crossing.     **15 Foot Rule:** For a compliant curb ramp to exceed 8.33 percent running grade, its constructed length must exceed 15.0 feet.	• The clear width of ramps, excluding the flares, shall be 4.0 feet minimum. • Ramp runs shall have a running slope between 5 percent minimum and 8.33 percent maximum but shall not require the ramp length to exceed 15.0 feet. - Exception: **15 Foot Rule:** The running slope for a curb ramp is not limited to 8.33 percent maximum if the constructed curb ramp length exceeds 15 feet in length. • Cross slope of ramp runs shall be 2 percent maximum. (Roadway Grade Exception may be considered) • The cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade. • Ramps shall have landings at the top and the bottom of each ramp run. - The landing clear width shall be at least as wide as the widest ramp run leading to the landing. - The landing clear length shall be 5.0 feet long minimum. - Ramps that change direction between runs at landings shall have a clear landing 5.0 feet minimum by 5.0 feet minimum. • ~~Ramp runs with a rise greater than 6 inches shall have handrails.~~ • Handrails and Edge protection shall not be required on curb ramps and their landings. • Curb height = 0 inches within curb ramp spaces. [2] • Curb ramps must be flush with street. • The counter slope of the gutter or street at the foot of a curb ramp, landing, or blended transition shall be 5 percent maximum. (R303.3.5) • ~~Street and ramp slope break is 13 percent or less. (See adjacent figure.)~~ • The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level. • Flared sides with a slope of 10 percent maximum, measured parallel to the curb line, shall be provided where a pedestrian circulation path crosses the curb ramp. - In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12. • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. • Grade Breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run.			

Figures/Examples	Requirements [1]	YES	NO	NA
 Perpendicular Ramps  X = 4'Min. Flared Sides in Pathway Flared Sides Not in Pathway **<u>Roadway Grade Exception:</u>** Where curb ramps, landings and blended transitions are contained within a street or highway right-of-way, the grade of the pedestrian access route is permitted to be modified to equal the general grade established for the adjacent street or highway. 	• **Perpendicular curb ramps** shall have a running slope that cuts through or is built up to the curb at right angles or meets the gutter grade break at right angles. • The clear width of landings, blended transitions, and curb ramps, excluding flares, shall be 4.0 feet minimum. • The running slope shall be 5 percent minimum and 8.33 percent maximum but shall not require the ramp length to exceed 15.0 feet. • The cross slope at intersections shall be 2 percent maximum. (Roadway Grade Exception may be considered) • The cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade. • **<u>Roadway Grade Exception</u>**: The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade. • A landing 4.0 feet minimum by 4.0 feet minimum shall be provided at the top of the curb ramp and shall be permitted to overlap other landings and clear space. • Flared sides with a slope of 10 percent maximum, measured parallel to the curb line, shall be provided where a pedestrian circulation path crosses the curb ramp. • If the flared sides are not in the pathway (grass next to ramp), then there is no maximum slope and can be vertical curbs. (See adjacent figure for further explanation.) • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks at the top and bottom of perpendicular curb ramps shall be perpendicular to the direction of ramp run. At least one end of the bottom grade break shall be at the back of curb. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. • Where both ends of the bottom grade break are 5.0 feet or less from the back of curb, the detectable warning shall be located on the ramp surface at the bottom grade break. Where either end of the bottom grade break is more than 5.0 feet from the back of curb, the detectable warning shall be located on the lower landing.			

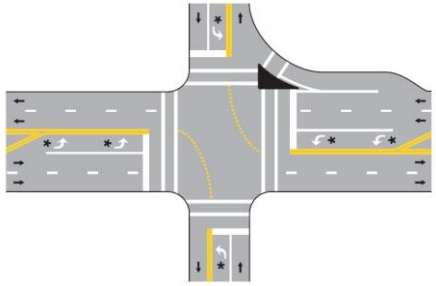
Figures/Examples	Requirements [1]	YES	NO	NA
 Curb Ramps and landings that are contained within a street or highway border may use the Roadway Grade Exception for slopes or cross slopes in the direction of the roadway travel being matched.	• **Parallel curb ramps** shall have a running slope that is in-line with the direction of sidewalk travel. • The clear width of landings, blended transitions, and curb ramps, excluding flares, shall be 4.0 feet minimum. • The running slope shall be 5 percent minimum and 8.33 percent maximum but shall not require the ramp length to exceed 15.0 feet. • The cross slope shall be 2 percent maximum. (Roadway Grade Exception may be considered) • **Roadway Grade Exception**: The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade. • A landing 4.0 feet minimum by 4.0 feet minimum shall be provided at the bottom of the ramp run and shall be permitted to overlap other landings and clear floor or ground space. • Where a parallel curb ramp does not occupy the entire width of a sidewalk, drop-offs at diverging segments shall be protected. • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush.			
	• **Blended Transitions** shall have a running slope of 5 percent maximum and cross slope shall be 2 percent maximum. • The clear width blended transitions, excluding flares, shall be 4.0 feet minimum. • Detectable warning surfaces shall be provided where a blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on blended transitions within the pedestrian access route. • Grade breaks at the top and bottom of perpendicular curb ramps shall be perpendicular to the direction of ramp run. At least one end of the bottom grade break shall be at the back of curb. Grade breaks shall not be permitted on the surface of blended transitions and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush.			

Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
 	• **Diagonal Curb Ramps or corner type curb ramps are no longer preferred design types. A design that provides individual ramps for each crossing direction is recommended by the US Access Board.** • Diagonal Curb Ramps or corner type curb ramps with returned curbs or other well-defined edges shall have the edges parallel to the direction of pedestrian flow. • The bottom of diagonal curb ramps shall have a clear space 48 inches minimum outside active traffic lanes of the roadway. • Diagonal curb ramps provided at marked crossings shall provide the 48 inches minimum clear space within the markings. • Diagonal curb ramps with flared sides shall have a segment of curb 24 inches long minimum located on each side of the curb ramp and within the marked crossing. • **Roadway Grade Exception**: The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade. • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. • Running and cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade.			

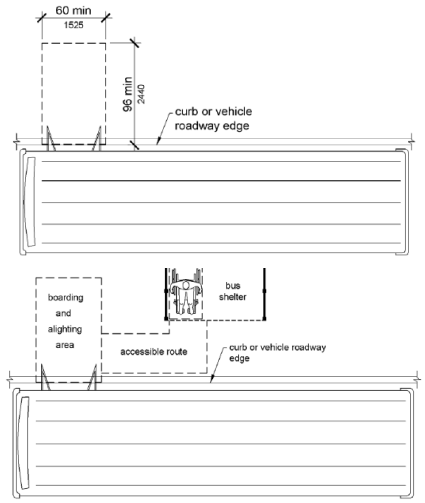
DETECTABLE WARNINGS DEVICES (TRUNCATED DOMES) (PROWAG R304)				
Figures/Examples	**Requirements [1]**	**YES**	**NO**	**NA**
A surface feature of truncated dome material built in or applied to the walking surface to advise of an upcoming change from pedestrian to vehicular way.    	• Detectable warnings shall consist of a surface of truncated domes aligned in a square or radial grid pattern complying with 2010 ADA Standards. Detectable warning surfaces shall contrast visually with adjacent gutter, street or highway, or walkway surfaces, either light-on-dark or dark-on-light. • Detectable warning surfaces shall extend 24 inches minimum in the direction of travel and the full width of the curb ramp (exclusive of flares), the landing, or the blended transition. Detectable warning surfaces are required where curb ramps, blended transitions, or landings provide a flush pedestrian connection to the street. • Sidewalk crossings of residential driveways should not generally be provided with detectable warnings, since the pedestrian right-of-way continues across most driveway aprons and overuse of detectable warning surfaces should be avoided in the interests of message clarity. However, where commercial driveways are provided with traffic control devices or otherwise are permitted to operate like public streets, detectable warnings should be provided at the junction between the pedestrian route and the street. • Perpendicular Curb Ramps: Where both ends of the bottom grade break are 5 feet or less from the back of curb, the detectable warning shall be located on the ramp surface at the bottom grade break. Where either end of the bottom grade break is more than 5 feet from the back of curb, the detectable warning shall be located on the lower landing. • Landings and Blended Transitions: The detectable warning shall be located on the landing or blended transition at the back of curb. • Rail Crossings: The detectable warning surface shall be located so that the edge nearest the rail crossing is 6 feet minimum and 15 feet maximum from the centerline of the nearest rail. The rows of truncated domes in a detectable warning surface shall be aligned to be parallel with the direction of wheelchair travel. • Detectable warnings at cut-through islands shall be located at the curb line in-line with the face of curb and shall be separated by a 2.0 foot minimum length of walkway without detectable warnings. Where the island has no curb, the detectable warning shall be located at the edge of roadway. • Exception, when detectable warnings are required by a manufacturer's installation specifications to be embedded into concrete with a surrounding edge, domes may be installed at less than the required full width. Under this exception, the detectable warning surface shall never be more than 2 inches from the edge of the curb ramp, the landing, or the blended transition. [2] • Detectable warnings shall not be stamped into concrete.			

ISLANDS AND MEDIANS (PROWAG R305.4)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
  	• Medians and pedestrian refuge islands in crosswalks shall contain a pedestrian access route, including passing space and connecting to each crosswalk. • Raised islands in crossings shall be cut through level with the street or have curb ramps and required landings at both sides. • All median island passage spaces shall provide a clear width of 5 feet minimum. [2] • Medians and pedestrian refuge islands shall be 6.0 feet minimum in length in the direction of pedestrian travel. • **Roadway Grade Exception**: The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade. • Each curb ramp shall have a level area 48 inches long minimum by 36 inches wide minimum at the top of the curb ramp in the part of the island intersected by the crossings. • Each 48 inch minimum by 36 inch minimum area shall be oriented so that the 48 inch minimum length is in the direction of the running slope of the curb ramp it serves. The 48 inch minimum by 36 inch minimum areas and the accessible route shall be permitted to overlap. • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. Medians and pedestrian refuge islands shall have detectable warnings at curb ramps and blended transitions. • Detectable warnings at cut-through islands shall be located at the curb line in-line with the face of curb and shall be separated by a 2.0 foot minimum length of walkway without detectable warnings. Where the island has no curb, the detectable warning shall be located at the edge of roadway. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush.			

ACCESSIBLE PEDESTRIAN SIGNALS (PUSHBUTTONS) (PROWAG R306)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
    	• Each crosswalk with pedestrian signal indication shall have an accessible pedestrian signal which includes audible and vibrotactile indications of the WALK interval. Where a pedestrian pushbutton is provided, it shall be integrated into the accessible pedestrian signal. **← ON HOLD waiting for MoDOT Specs and APL March 2014** • Accessible pedestrian signals shall be located so that the vibrotactile feature can be contacted from the level landing serving a curb ramp, if provided, or from a clear floor or ground space that is in line with the crosswalk line adjacent to the vehicle stop line. • Accessible pedestrian pushbuttons shall be located within a reach range complying with PROWAG 2005 R404. • A clear floor or ground space shall be provided at the pushbutton and shall connect to or overlap the pedestrian access route. • **Roadway Grade Exception**: Clear spaces required at accessible pedestrian signals and pedestrian pushbuttons and at other accessible elements are permitted to have a running slope or cross slope consistent with the grade of the adjacent pedestrian access route. • Pedestrian signals shall comply with PROWAG 2005 R306. - Pushbuttons are a minimum 2 inches across in one dimension, raised (not recessed), contrast visually with the housing or mounting, and have a maximum force of 5 pounds to activate operable parts. - The control face of the pushbuttons is installed parallel to the direction of the crosswalk it serves. - The location of pushbuttons for new construction are within a longitudinal distance of 5 feet maximum from the crosswalk line, and 30 inches minimum to 6 feet maximum from the curb line. - For audible pedestrian signal devices only, pushbuttons are a minimum 10 feet apart at crossings and a minimum 5 feet apart at islands or medians. This minimum distance may be waived for audible pushbuttons in medians and islands with the use of voice commands. - Pushbuttons are located no higher than 42 inches from the ground and within 10 inch reach from a level paved landing with minimum dimensions of 48 inches x 30 inches positioned for a parallel approach to the pushbutton. For a forward approach space (30 x 48 inches) the allowed reach range is 0 inches. - Where pushbuttons for the visually impaired are installed, tactile signs are to be provided that meet ADA requirements.			

PEDESTRIAN STREET CROSSINGS (PROWAG R305)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
 	• Crosswalks shall contain a pedestrian access route that connects to departure and arrival walkways through any median or pedestrian refuge island. • Marked crosswalks shall be 6 feet wide minimum. • The grade of the pedestrian access route is permitted to equal the general grade established for the adjacent street or highway, except that where pedestrian access routes are contained within pedestrian street crossings a maximum grade of 5 percent is required. • A 5 percent maximum cross slope is specified for pedestrian access routes contained within pedestrian street crossings without yield or stop control. • Crossings with Stop Control: The cross slope shall be 2 percent maximum. • The cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade. • The running slope shall be 5 percent maximum, measured parallel to the direction of pedestrian travel in the crosswalk. ~~• All pedestrian signal phase timing shall be calculated using a pedestrian walk speed of 3.5 ft/s maximum. The crosswalk distance used in calculating pedestrian signal phase timing shall include the entire length of the crosswalk. (R305.3)~~ • Where pedestrian signals are provided at pedestrian street crossings, they shall include accessible pedestrian signals and pedestrian pushbuttons complying with sections 4E.08 through 4E.13 of the MUTCD. Operable parts shall comply with R403. (2011 PROWAG R209.1) **← ON HOLD waiting for MoDOT Specs and APL March 2014** • Crosswalk pavement marking is 6 inches wide white. • Stop bar is at minimum 4 feet from the crosswalk. • Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. • Beyond the curb face, a clear space of 4.0 feet minimum by 4.0 feet minimum shall be provided within the width of the crosswalk and wholly outside the parallel vehicle travel lane.			

ALTERNATE CIRCULATION PATH (PROWAG R302)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
	• Alternate circulation paths shall contain a pedestrian access route. • To the maximum extent feasible, the alternate circulation path shall be provided on the same side of the street as the disrupted route. • Where the alternate circulation path is exposed to adjacent construction, excavation drop-offs, traffic, or other hazards, it shall be protected with a pedestrian barricade or channelizing device complying with MUTCD 6F-58, 6F-63, and 6F-66. • Pedestrian barricades and channelizing devices shall be continuous, stable, and non-flexible and shall consist of a wall, fence, or enclosures specified in section 6F-58, 6F-63, and 6F-66 of the MUTCD (incorporated by reference; see PROWAG 2005 R104.2.4). • A detectable continuous bottom edge shall be provided ~~6~~ 2 inches maximum above the ground or walkway surface. • Devices shall provide a continuous surface or upper rail at 3.0 feet minimum above the ground or walkway surface. • Support members shall not protrude into the alternate circulation path.			

BUS BOARDING AND ALIGHTING AREAS (PROWAG R410)				
Figures/Examples	**Requirements** [1]	**YES**	**NO**	**NA**
	• Bus stop boarding and alighting areas shall have a firm, stable surface. • Bus stop boarding and alighting areas shall provide a clear length of 8 feet minimum, measured perpendicular to the curb or vehicle roadway edge, and a clear width of 5 feet minimum, measured parallel to the vehicle roadway. • Bus stop boarding and alighting areas shall be connected to streets, sidewalks, or pedestrian paths by an accessible route. • Parallel to the roadway, the slope of the bus stop boarding and alighting area shall be the same as the roadway, to the maximum extent practicable. Perpendicular to the roadway, the slope of the bus stop boarding and alighting area shall not be steeper than2 percent. • Bus shelters shall provide a minimum 30 inch by 48 inch clear floor or ground space entirely within the shelter. • Bus shelters shall be connected by an accessible route to a boarding and alighting area.			

[1] Any “NO” answer means that location is ADA non-compliant and needs to be corrected before final acceptance of the work, except as follows. Although exceptions listed in the above requirements may not meet MoDOT current policy standards, work that does meet the minimum ADA standards will be accepted as ADA compliant. Where it is technically infeasible to correct deficiencies as part of the current work, those locations will be labeled as non-compliant and marked “NO”. These items will be added to the Transition Plan Inventory for correction at a later date. (Guidance is provided in ADA documents and in the EPG on what may be considered as technically infeasible.)

[2] A MoDOT requirement.

Unless otherwise noted, all notes on this form are direct ADA requirements as published in either the PROWAG dated November 23, 2005 or ADA/ABA Standards from 2010.

All exceptions and technically infeasible locations should be discussed with the project manager and/or area engineer prior to acceptance of the work. All exceptions and technically infeasible locations will need to be thoroughly documented by the engineer, and that documentation will be attached to this form and retained as part of the final acceptance records.

All slope and grade measurements for ADA compliance will be made using a calibrated 2 foot long digital level.

US Access Board PROWAG

R202.3.1 Prohibited Reduction in Required Access. An alteration shall not decrease or have the effect of decreasing the accessibility of a facility or an accessible connection to an adjacent building or site below the requirements for new construction in effect at the time of the alteration.

Inspector Name: _____ **Inspector Signature:** _____	**Date:**
Resident Engineer or Area Engineer Name: _____ **Resident Engineer or Area Engineer Signature:** _____	**Date:**
Distribution: ❑ **Project Office** ❑ **District Permit Office**	

SAMPLE

ADA EXCEPTIONS DOCUMENTATION

Job No. _____ Route _____ County _____ Location_____

Item	Location	Standard	As Built	Discussion
Sidewalk Width	Third Street Sta 3+00 to 7+00 RT	5' wide	Exist 3' wide	Required 5' x 5' Passing Space added at 5+00
Curb Ramp Grade	SE Quad of Main & First	8.33%	11.2%	As-built Curb Ramp is 16.0' long
Parallel Ramp Landing running grade (turning space)	Sta 35+20 to 35+25 Rt Rte 14	2.00%	2.6%	Landing running grade matches existing roadway grade
Sidewalk Grade	Sta 23+45 to 23+52	5.0%	8.4%	Match existing floor at two exist doorways, Straight grade between fixed elevations

Inspector Name: _____ **Inspector Signature:** _____	**Date:**
Resident Engineer or Area Engineer Name: _____ **Resident Engineer or Area Engineer Signature:** _____	**Date:**
Distribution: ❑ **Project Office** ❑ **District Permit Office**	

SECTION XVII
FEDERAL WAGE RATES

General Decision Number: MO140001 07/18/2014 MO1

Superseded General Decision Number: MO20130001

State: Missouri

Construction Types: Heavy and Highway

Counties: Missouri Statewide.

HEAVY AND HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/03/2014
1	01/10/2014
2	01/31/2014
3	03/28/2014
4	05/09/2014
5	06/06/2014
6	07/18/2014

CARP0002-002 05/01/2010

ST. LOUIS COUNTY AND CITY

	Rates	Fringes
Carpenters	$ 32.78	12.25

CARP0005-006 04/01/2008

CASS (Richards-Gebauer AFB ONLY), CLAY, JACKSON, PLATTE AND RAY COUNTIES

	Rates	Fringes
Carpenters:		
CARPENTERS & LATHERS	$ 33.00	12.03
MILLWRIGHTS & PILEDRIVERS	$ 33.00	12.03

CARP0011-001 05/01/2011

	Rates	Fringes
Carpenter and Piledriver		
ADAIR, AUDRAIN (West of Hwy 19), BOONE, CALLAWAY, CHARITON, COLE, COOPER, HOWARD, KNOX,LINN, MACON, MILLER, MONITEAU,MONROE, OSAGE, PUTNAM, RANDOLPH, SCHUYLER, SHELBY AND SULLIVAN COUNTIES	$ 28.57	11.00
ATCHISON, ANDREW, BATES, CALDWELL, CARROLL,DAVIESS, DEKALB,GENTRY, GRUNDY, HARRISON, HENRY, HOLT, LIVINGSTON, MERCER,		

NODAWAY,ST. CLAIR, SALINE
AND WORTH COUNTIES.....$ 27.67 10.55
AUDRAIN (East of Hwy.19),
RALLS, MARION, LEWIS,
CLARK AND SCOTLAND COUNTIES.$ 28.83 13.05
BARRY, BARTON, CAMDEN,
CEDAR, CHRISTIAN, DADE,
DALLAS, DOUGLAS, GREENE,
HICKORY,JASPER, LACLEDE,
LAWRENCE, MCDONALD,
NEWTON, OZARK, POLK,
STONE, TANEY, VERNON,
WEBSTER AND WRIGHT COUNTIES.$ 27.32 10.55
BENTON, MORGAN AND PETTIS...$ 27.27 11.00
BOLLINGER, BUTLER, CAPE
GIRARDEAU, DUNKLIN,
MISSISSIPPI, NEW MADRID,
PEMISCOT, PERRY, STE.
GENEVIEVE, SCOTT, STODDARD
AND WAYNE COUNTIES.....$ 28.67 13.07
BUCHANAN, CLINTON, JOHNSON
AND LAFAYETTE COUNTIES.....$ 28.32 10.55
CARTER, HOWELL, OREGON AND
RIPLEY COUNTIES.....$ 27.75 13.07
CRAWFORD, DENT, GASCONADE,
IRON, MADISON, MARIES,
MONTGOMERY, PHELPS,
PULASKI, REYNOLDS, SHANNON
AND TEXAS COUNTIES.....$ 28.68 13.05
FRANKLIN COUNTY.....$ 31.23 13.05
JEFFERSON AND ST. CHARLES
COUNTIES.....$ 33.38 13.05
LINCOLN COUNTY.....$ 30.34 13.05
PIKE, ST. FRANCOIS AND
WASHINGTON COUNTIES.....$ 29.39 13.05
WARREN COUNTY.....$ 30.73 13.05

ELEC0001-002 06/01/2012

BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN, FRANKLIN,
IRON, JEFFERSON, LINCOLN, MADISON, MISSISSIPPI, NEW MADRID,
PEMISCOT, PERRY,REYNOLDS, RIPLEY, ST. CHARLES, ST. FRANCOIS,
ST. LOUIS (City and County), STE. GENEVIEVE, SCOTT, STODDARD,
WARREN, WASHINGTON AND WAYNE COUNTIES

	Rates	Fringes
Electricians	$ 31.75	22.37

ELEC0002-001 09/01/2013

ADAIR, AUDRAIN, BOONE, CALLAWAY, CAMDEN, CARTER, CHARITON,
CLARK, COLE, COOPER, CRAWFORD, DENT, FRANKLIN, GASCONADE,
HOWARD, HOWELL, IRON, JEFFERSON, KNOX, LEWIS, LINCON, LINN,
MACON, MARIES, MARION, MILLER, MONITEAU, MONROE, MONTGOMERY,
MORGAN, OREGON, OSAGE, PERRY, PHELPS, PIKE, PULASKI, PUTNAM,
RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. CHARLES, ST. FRANCOIS,
ST. LOUIS (City and County), STE. GENEVIEVE, SCHUYLER,
SCOTLAND, SHANNON, SHELBY, SULLIVAN, TEXAS, WARREN AND

WASHINGTON COUNTIES

	Rates	Fringes
Line Construction:		
Equipment Operator	$ 34.26	29.5%+5.00
Groundman & Truck Driver	$ 26.49	29.5%+5.00
Lineman & Cable Splicer	$ 39.69	29.5%+5.00

ELEC0053-004 09/02/2012

	Rates	Fringes
Line Construction: (ANDREW, ATCHINSON, BARRY, BARTON, BUCHANAN, CALDWELL, CEDAR, CHRISTIAN, CLINTON, DADE, DALLAS, DAVIES,, DEKALB, DOUGLAS, GENTRY, GREENE, GRUNDY, HARRISON, HICKORY, HOLT, JASPER, LACLEDE, LAWRENCE, LIVINGSTON, MCDONALD, MERCER, NEWTON, NODAWAY, OZARK, POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, WORTH AND WRIGHT COUNTIES)		
Groundman Powderman	$ 25.88	13.93
Groundman	$ 24.46	29.5%+6.22
Lineman Operator	$ 35.82	29.5%+6.79
Lineman	$ 37.84	29.5%+6.89
Line Construction; (BATES, BENTON, CARROLL, CASS, CLAY, HENRY, JACKSON, JOHNSON, LAFAYETTE, PETTIS, PLATTE, RAY AND SALINE COUNTIES)		
Groundman Powderman	$ 26.84	14.26
Groundman	$ 25.95	29.5%+6.30
Lineman Operator	$ 36.54	29.5%+6.83
Lineman	$ 39.17	29.5%+6.96

ELEC0095-001 06/01/2013

BARRY, BARTON, CEDAR, DADE, JASPER, LAWRENCE, MCDONALD, NEWTON, ST CLAIR, AND VERNON COUNTIES

	Rates	Fringes
Electricians:		
Cable Splicers	$ 25.40	3%+16.82
Electricians	$ 25.05	3%+16.82

ELEC0124-007 09/02/2013

BATES, BENTON, CARROLL, CASS, CLAY, COOPER, HENRY, JACKSON, JOHNSON, LAFAYETTE, MORGAN, PETTIS, PLATTE, RAY AND SALINE COUNTIES:

	Rates	Fringes
Electricians.....	$ 35.23	19.53

ELEC0257-003 03/01/2014

AUDRAIN (Except Cuivre Township), BOONE, CALLAWAY, CAMDEN, CHARITON, COLE, CRAWFORD, DENT, GASCONADE, HOWARD, MARIES, MILLER, MONITEAU, OSAGE, PHELPS AND RANDOLPH COUNTIES

	Rates	Fringes
Electricians:		
Cable Splicers.....	$ 30.42	16.085
Electricians.....	$ 31.04	13%+12.47

ELEC0350-002 12/01/2013

ADAIR, AUDRAIN (East of Highway 19), CLARK, KNOX, LEWIS, LINN, MACON, MARION, MONROE, MONTGOMERY, PIKE, PUTNAM, RALLS, SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES

	Rates	Fringes
Electricians.....	$ 29.41	5.67+35%

ELEC0453-001 09/01/2013

	Rates	Fringes
Electricians:		
CHRISITAN, DALLAS, DOUGLAS, GREENE, HICKORY, HOWELL, LACLEDE, OREGON, OZARK, POLK, SHANNON, WEBSTER and WRIGHT COUNTIES.	$ 24.15	14.14
PULASKI and TEXAS COUNTIES..	$ 28.80	14.58
STONE and TANEY COUNTIES....	$ 19.94	13.33

ELEC0545-003 06/01/2011

ANDREW, BUCHANAN, CLINTON, DEKALB, ATCHISON, HOLT, MERCER, GENTRY, HARRISON, DAVIESS, GRUNDY, WORTH, LIVINGSTON, NODAWAY, AND CALDWELL COUNTIES

	Rates	Fringes
Electricians:.....	$ 31.00	12.22

ELEC0702-004 07/01/2013

BOLLINGER, BUTLER, CAPE GIRARDEAU, DUNKLIN, MADISON, MISSISSIPPI, NEW MADRID, PEMISCOT, SCOTT, STODDARD AND WAYNE COUNTIES

	Rates	Fringes
Line Construction:		
Groundman - Class A	$ 25.51	29%+5.76
Groundman-Equipment Operator Class II (all other equipment)	$ 32.28	29%+5.76
Heavy-Equipment Operator Class I (all crawler type equipment D-4 and larger)	$ 36.77	29%+5.76
Lineman	$ 44.73	29%+5.76

ENGI0101-001 05/01/2013

ANDREW, ATCHISON, BATES, BENTON, BUCHANAN, CALDWELL, CARROLL, CHARITON, CLINTON, COOPER, DAVIESS, DEKALB, GENTRY, GRUNDY, HARRISON, HENRY, HOLT, HOWARD, JOHNSON, LAFAYETTE, LINN, LIVINGSTON, MERCER, NODAWAY, PETTIS, SALINE, SULLIVAN AND WORTH COUNITES

	Rates	Fringes
Power equipment operators:		
GROUP 1	$ 31.49	14.71
GROUP 2	$ 31.09	14.71
GROUP 3	$ 29.09	14.71

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Asphalt roller operator, finish; asphalt paver and spreader; asphalt plant operator; auto grader or trimmer or sub-grader; backhoe; blade operator (all types); boilers - 2; booster pump on dredge; bulldozer operator; boring machine (truck or crane mounted); clamshell operator; concrete mixer paver; concrete plant operator; concrete pump operator; crane operator; derrick or derrick trucks; ditching machine; dragline operator; dredge engineman; dredge operator; drill cat with compressor mounted (self-contained) or similar type self- propelled rotary drill (not air tract); drilling or boring machine (rotary-self-propelled); finishing machine operator; greaser; high loader-fork lift-skid loader (all types); hoisting engineer (2 active drums); locomotive operator (standard guage); mechanics and welders (field and plants); mucking machine operator; pile drive operator; pitman crane or boom truck (all types); push cat; quad track; scraper operators (all types); shovel operator; sideboom cats; side discharge spreader; skimmer scoop operators; slip form paver operator (CMI, Rex, Gomeco or equal); la tourneau rooter (all tiller types); tow boat operator; truck crane; wood and log chippers (all types).

GROUP 2: A-frame truck operator; articulated dump truck; back filler operator; boilers (1); chip spreader; churn drill operator; compressor; concrete mixer operator, skip loader; concrete saws (self-propelled); conveyor operator; crusher operator; distributor operator; elevating grader operator; farm tractor (all attachments); fireman rig; float operator; form grade operator; hoisting engine (one

drum); maintenance operator; multiple compactor; pavement breaker, self-propelled hydra-hammer (or similar type); paymill operator; power shield; pumps; roller operator (with or without blades); screening and washing plant; self-propelled street broom or sweeper; siphons and jets; straw blower; stump cutting machine; siphons and jets; tank car heater operator (combination boiler and booster); welding machine; vibrating machine operator (not hand held); welding machine.
GROUP 3: (a) Oiler;
(b) Oiiler driver
(c) Mechanic.

HOURLY PREMIUMS:
THE FOLLOWING CLASSIFICATIONS SHALL RECEIVE ($ .25) ABOVE
GROUP 1 RATE: Dragline operator - 3 yds. & over; shovel 3 yds. & over; clamshell 3 yds. & over; Crane, rigs or piledrivers, 100' of boom or over (incl. jib.), hoist - each additional active drum over 2 drums

THE FOLLOWING CLASSIFICATIONS SHALL RECEIVE ($ .50) ABOVE
GROUP 1 RATE: Tandem scoop operator; crane, rigs or piledrivers 150' to 200' of boom (incl. jib.)

THE FOLLOWING CLASSIFICATIONS SHALL RECEIVE ($ .75) ABOVE
GROUP 1 RATE: Crane rigs, or piledrivers 200 ft. of boom or over (including jib.)

ENGI0101-005 05/01/2014

CASS, CLAY, JACKSON,PLATTE AND RAY COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1	$ 34.58	15.13
GROUP 2	$ 33.54	15.13
GROUP 3	$ 29.07	15.13
GROUP 4	$ 32.42	15.13

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Asphalt roller operator, finish; asphalt paver and spreader; asphalt plant operator; auto grader or trimmer or sub-grader; backhoe; blade operator (all types); boilers-2; booster pump on dredge; boring machine (truck or crane mounted); bulldozer operator; clamshell operator; concrete cleaning decontamination machine operator; concrete mixer paver; concrete plant operator; concrete pump operator; crane operator; derrick or derrick trucks; ditching machine; dragline operator; dredge engineman; dredge operator; drillcat with compressor mounted (self-contained) or similar type self propelled rotary drill (not air tract); drilling or boring machine (rotary - self-propelled); finishing machine operator; greaser; heavy equipment robotics operator/mechanic; horizontal directional drill operator; horizontal directional drill locator; loader-forklift - skid loader (all types);

hoisting engineer (2 active drums); locomotive operator (standard guage); master environmental maintenance mechanic; mechanics and welders (field and plants); mucking machine operator; piledrive operator; pitman crane or boom truck (all types); push cat; quad-track; scraper operators (all types); shovel operator; side discharge spreader; sideboom cats; skimmer scoop operator; slip-form paver (CMI, REX, Gomaco or equal); la tourneau rooter (all tiller types); tow boat operator; truck crane; ultra high perssure waterjet cutting tool system operator/mechanic; vacuum blasting machine operator/mechanic; wood and log chippers (all types)

GROUP 2: "A" Frame truck operator; back filler operator; boilers (1); chip spreader;churn drill operator; concrete mixer operator, skip loader; concrete saws (self-propelled); conveyor operator; crusher operator; distributor operator; elevating grader operator; farm tractor (all attachments); fireman rig; float operator; form grader operator; hoisting engine (1 drum); maintenance operator; multiple compactor; pavement breaker, self-propelled hydra- hammer (or similar type); power shield; paymill operator; pumps; siphons and jets; stump cutting machine; tank car heater operator (combination boiler and booster); compressor; roller operator (with or without blades); screening and washing plant; self-propelled street broom or sweeper; straw blower; tank car heater operator (combination boiler and booster); vibrating machine operator (not hand held)

GROUP 3: Oilers

GROUP 4: Oiler Driver (All Types)

FOOTNOTE:
HOURLY PREMIUMS FOLLOWING CLASSIFICATIONS SHALL RECEIVE ($1.00) ABOVE GROUP 1 RATE:
Clamshells - 3 yd. capacity or over; Cranes or rigs, 80 ft. of boom or over (including jib); Draglines, 3 yd. capacity or over;
Piledrivers 80 ft. of boom or over (including jib);
Shovels & backhoes, 3 yd. capacity or over.

ENGI0101-022 05/01/2013

BARRY, BARTON, CAMDEN, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, JASPER, LACLEDE, LAWRENCE, MCDONALD, NEWTON, OZARK, POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER AND WRIGHT COUNTIES and CITY OF SPRINGFIELD

	Rates	Fringes
Power equipment operators:		
GROUP 1	$ 28.53	12.49
GROUP 2	$ 28.18	12.49
GROUP 3	$ 27.98	12.49
GROUP 4	$ 25.93	12.49

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Asphalt finishing machine & trench widening spreader; asphalt plant console operator; autograder; automatic slipform paver; backhoe; blade operator - all types; boat operator - tow; boilers-2; central mix concrete plant operator; clamshell operator; concrete mixer paver; crane operator; derrick or derrick trucks; ditching machine; dozer operator; dragline operator; dredge booster pump; dredge engineman; dredge operator; drill cat with compressor mounted on cat; drilling or boring machine rotary self-propelled; highloader; hoisting engine - 2 active drums; launch hammer wheel; locomotive operator; - standard guage; mechanic and welders; mucking machine; off-road trucks; piledriver operator; pitman crane operator; push cat operator; quad trac; scoop operator - all types; shovel operator; sideboom cats; skimmer scoop operators; trenching machine operator; truck crane.

GROUP 2: A-frame; asphalt hot-mix silo; asphalt plant fireman (drum or boiler); asphalt plant man; asphalt plant man; asphalt plant mixer operator; asphalt roller operator; backfiller operator; barber-greene loader; boat operator (bridges and dams); chip spreader; concrete mixer operator - skip loader; concrete plant operator; concrete pump operator; crusher operator; dredge oiler; elevating grader operator; fork lift; greaser-fleet; hoisting engine - 1; locomotive operator - narrow gauge; multiple compactor; pavement breaker; powerbroom - self-propelled; power shield; rooter; side discharge concrete spreader; slip form finishing machine; stumpcutter machine; throttle man; tractor operator (over 50 h.p.); winch truck.

GROUP 3: Boilers - 1; chip spreader (front man); churn drill operator; clef plane operator; concrete saw operator (self-propelled); curb finishing machine; distributor operator; finishing machine operator; flex plane operator; float operator; form grader operator; pugmill operator; roller operator, other than high type asphalt; screening & washing plant operator; siphons & jets; sub-grading machine operator; spreader box operator, self-propelled (not asphalt); tank car heater operator (combination boiler & booster); tractor operator (50 h.p. or less); Ulmac, Ulric or similar spreader; vibrating machine operator, not hand;

GROUP 4: Grade checker; Oiler; Oiler-Driver

HOURLY PREMIUMS:

The following classifications shall receive $ .25 above GROUP 1 rate:
Clamshells - 3 yds. or over; Cranes - Rigs or Piledrivers, 100 ft. of boom or over (including jib);
Draglines - 3 yds. or over; Hoists - each additional active drum over 2 drums; Shovels - 3 yds. or over;

The following classifications shall receive $ .50 above GROUP 1 rate:
Tandem scoop operator; Cranes - Rigs or Piledrivers, 150 ft. to 200 ft. of boom (including jib); Tandem scoop.

The following classifications shall receive $ .75 above GROUP 1 rate:
Cranes - Rigs or Piledrivers, 200 ft. of boom or over (including jib.).

ENGI0513-004 05/05/2014

FRANKLIN, JEFFERSON, LINCOLN, ST CHARLES, AND WARREN COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1	$ 31.31	23.66
GROUP 2	$ 31.31	23.66
GROUP 3	$ 30.01	23.66
GROUP 4	$ 29.56	23.66

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Backhoe, Cable; Backhoe, Hydraulic (2 cu yds bucket and under regardless of attachment, one oiler for 2 or 3, two oilers for 4 through 6); Backhoe, Hydraulic over 2 cu yds; Cableway; Crane, Crawler or Truck; Crane, Hydraulic - Truck or Cruiser mounted, 16 tons and over; Crane, Locomotive; crane with boom including jib over 100 ft from pin to pin; Crane using rock socket tool; Derrick, Steam; Derrick Car and Derrick Boat; Dragline, 7 cu yds and over; Dredge; Gradall, Crawler or tire mounted; Locomotive, Gas, Steam & other powers; Pile Driver, Land or Floating; Scoop, Skimmer; Shovel, Power (Electric, Gas, Steam or other powers); Shovel, Power (7 cu yds and over); Switch Boat; Whirley; Air Tugger with air compressor; Anchor Placing Barge; Asphalt Spreaker; Athey Force Feeder Loader, self-propelled; Backfilling Machine; Boat Operator - Push Boat or Tow Boat (job site); Boiler, High Pressure Breaking in Period; Boom Truck, Placing or Erecting; Boring Machine, Footing Foundation; Bullfloat; Cherry Picker; Combination Concrete Hoist and Mixer (such as Mixermobile); Compressor, Two 125 CFM and under; Compressor, Two through Four over 125 CFM; Compressor when operator runs throttle; Concrete Breaker (Truck or Tractor mounted); Concrete Pump (such as Pumpcrete machine); Concrete Saw (self-propelled); Concrete Spreader; Conveyor, Large (not selfpropelled) hoisting or moving brick and concrete into, or into and on floor level, one or both; Crane, Cimbing (such as Linden); Crane, Hydraulic - Rough Terrain, self-propelled; Crane, Hydraulic - Truck or Cruiser mounted - under 16 tons; Drilling machine - Self-powered, used for earth or rock drilling or boring (wagon drills and any hand drills obtaining power from other souces including concrete breakers, jackhammers and Barco equipmnet no engineer required); Elevating Grader; Engine Man, Dredge; Excavator or Powerbelt Machine; Finishing Machine, self- propelled oscillating screed; Forklift; Generators, Two through Six 30 KW or over; Grader, Road with power blade; Greaser; Highlift; Hoist, Concrete and Brick (Brick cages or concrete skips operating or on tower, Towermobile, or similar equipment); Hoist, Three or more drums in use; Hoist, Stack; Hydro-Hammer;

Lad-A-Vator, hoisting brick or concrete; Loading Machine such as Barber-Greene; Mechanic on job site

GROUP 2: Air Tugger with plant air; Boiler (for power or heating shell of building or temporary enclosures in connection with construction work); Boiler, Temporary; Compressor, One over 125 CFM; Compressor, truck mounted; Conveyor, Large (not self- propelled); Conveyor, Large (not self- propelled) moving brick and concrete (distributing) on floor level; Curb Finishing Machine; Ditch Paving Machine; Elevator (outside); Endless Chain Hoist; Fireman (as required); Form Grader; Hoist, One Drum regardless of size (except brick or concrete); Lad-A-Vator, other hoisting; Manlift; Mixer, Asphalt, over 8 cu ft capacity; Mixer, one bag capacity or less; Mixer, without side loader, two bag capacity or more; Mixer, with side loader, regardless of size, not Paver; Mud Jack (where mud jack is used in conjenction with an air compressor, operator shall be paid $ .55 per hour in addition to his basic hourly rate for covering both operations); Pug Mill operator; Pump, Sump - self powered, automatic controlled over 2"; Scissor Lift (used for hoisting); Skid Steer Loader; Sweeper, Street; Tractor, small wheel type 50 HP and under with grader blade and similar equipment; Welding Machine, One over 400 amp; Winch, operating from truck

GROUP 3: Boat operator - outboard motor, job site; Conveyors (such as Con-Vay-It) regardless of how used; Elevator (inside); Heater operator, 2 through 6; Sweeper, Floor

GROUP 4: Crane type

HOURLY PREMIUMS:

Backhoe, Hydraulic 2 cu yds or less without oiler - $2.00;
Crane,climbing (such as Linden) - $.50;
Crane, Pile Driving and Extracting - $ .50
Crane with boom (including job) over
100 ft from pin to pin - add $.01 per foot
to maximum of $4.00);
Crane, using rock socket tool - $ .50;
Derrick, diesel, gas or electric hoisting material
and erecting steel (150 ft or more above ground) - $ .50;
Dragline, 7 cu yds and over - $ .50;
Hoist, Three or more drums in use - $ .50;
Scoop, Tandem - $.50;
Shovel, Power - 7 cu yds and over - $ .50;
Tractor, Tandem Crawler - $ .50;
Tunnel, man assigned to work in tunnel or
tunnel shaft - $ .50;
Wrecking, when machines are working on
second floor or higher - $ .50

ENGI0513-006 05/01/2014

ADAIR, AUDRAIN, BOLLINGER, BOONE, BUTLER, CALLAWAY, CAPE GIRARDEAU, CARTER, CLARK, COLE, CRAWFORD, DENT, DUNKLIN, GASCONADE, HOWELL, IRON, KNOX, LEWIS, MACON, MADISON, MARIES, MARION, MILLER, MISSISSIPPI, MONITEAU, MONROE, MONTGOMERY,

MORGAN, NEW MADRID, OREGON, OSAGE, PEMISCOT, PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. FRANCOIS, STE. GENEVIEVE, SCHUYLER, SCOTLAND, SCOTT, SHANNON, SHELBY, STODDARD, TEXAS, WASHINGTON, AND WAYNE COUNTIES

	Rates	Fringes
Power equipment operators:		
GROUP 1	$ 26.89	23.64
GROUP 2	$ 26.54	23.64
GROUP 3	$ 26.34	23.64
GROUP 4	$ 22.69	23.64

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Asphalt finishing machine & trench widening spreader, asphalt plant console operator; autograder; automatic slipform paver; back hoe; blade operator - all types; boat operator tow; boiler two; central mix concrete plant operator; clam shell operator; concrete mixer paver; crane operator; derrick or derrick trucks; ditching machine; dozer operator; dragline operator; dredge booster pump; dredge engineman; dredge operator; drill cat with compressor mounted on cat; drilling or boring machine rotary self-propelled; highloader; hoisting engine 2 active drums; launchhammer wheel; locomotive operator standrad guage; mechanics and welders; mucking machine; piledriver operator; pitman crane operator; push cat operator; guad-trac; scoop operator; sideboom cats; skimmer scoop operator; trenching machine operator; truck crane, shovel operator.

GROUP 2: A-Frame; asphalt hot-mix silo; asphalt roller operator asphalt plant fireman (drum or boiler); asphalt plant man; asphalt plant mixer operator; backfiller operator; barber-greene loader; boat operator (bridge & dams); chip spreader; concrete mixer operator skip loader; concrete plant operator; concrete pump operator; dredge oiler; elevating graded operator; fork lift; grease fleet; hoisting engine one; locomotive operator narrow guage; multiple compactor; pavement breaker; powerbroom self-propelled; power shield; rooter; slip-form finishing machine; stumpcutter machine; side discharge concrete spreader; throttleman; tractor operator (over 50 hp); winch truck; asphalt roller operator; crusher operator.

GROUP 3: Spreader box operator, self-propelled not asphalt; tractor operator (50 h.p. or less); boilers one; chip spreader (front man); churn drill operator; compressor over 105 CFM 2-3 pumps 4" & over; 2-3 light plant 7.5 KWA or any combination thereof; clef plane operator; compressor maintenance operator 2 or 3; concrete saw operator (self-propelled); curb finishing mancine; distributor operator; finishing machine operator; flex plane operator; float operator; form grader operator; pugmill operator; riller operator other than high type asphalt; screening & washing plant operator; siphons & jets; subgrading machine operator; tank car heater (combination boiler & booster); ulmac, ulric or similar spreader; vibrating machine

operator; hydrobroom.

GROUP 4: Oiler; grout machine; oiler driver; compressor over 105 CFM one; conveyor operator one; maintenance operator; pump 4" & over one.

FOOTNOTE: HOURLY PREMIUMS

Backhoe hydraulic, 2 cu. yds. or under Without oiler - $2.00
Certified Crane Operator - $1.50;
Certified Hazardous Material Operator $1.50;
Crane, climbing (such as Linden) - $0.50;
Crane, pile driving and extracting - $0.50;
Crane, with boom (including jib) over 100' from pin to pin add $0.01 per foot to maximum of $4.00;
Crane, using rock socket tool - $0.50;
Derrick, diesel, gas or electric, hoisting material and erecting steel (150' or more above the ground) - $0.50;
Dragline, 7 cu. yds, and over - $0.50;
Hoist, three or more drums in use - $0.50; Scoop, Tandem - $0.50;
Shovel, power - 7 cu. yds. or more - $0.50;
Tractor, tandem crawler - $0.50;
Tunnel, man assigned to work in tunnel or tunnel shaft - $0.50;
Wrecking, when machine is working on second floor or higher - $0.50;

ENGI0513-007 05/05/2014

ST. LOUIS CITY AND COUNTY

	Rates	Fringes
Power equipment operators:		
GROUP 1	$ 31.31	23.66
GROUP 2	$ 31.31	23.66
GROUP 3	$ 30.01	23.66
GROUP 4	$ 29.56	23.66

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Backhoe, cable or hydraulic; cableway; crane crawler or truck; crane, hydraulic-truck or cruiser mounted 16 tons & over; crane locomotive; derrick, steam; derrick car & derrick boat; dragline; dredge; gradall, crawler or tire mounted; locomotive, gas, steam & other powers; pile driver, land or floating; scoop, skimmer; shovel, power (steam, gas, electric or other powers); switch boat; whirley.

GROUP 2: Air tugger w/air compressor; anchor-placing barge; asphalt spreader; athey force feeder loader (self-propelled); backfilling machine; backhoe-loader; boat operator-push boat or tow boat (job site); boiler, high pressure breaking in period; boom truck, placing or erecting; boring machine, footing foundation; bull- float; cherry picker; combination concrete hoist & mixer (such as mixer mobile); compressor (when operator runs throttle);

concrete breaker (truck or tractor mounted); concrete pump, such as pump-crete machine; concrete saw (self-propelled), concrete spreader; conveyor, large (not self-propelled), hoisting or moving brick and concrete into, or into and on floor level, one or both; crane, hydraulic-rough terrain, self-propelled; crane hydraulic-truck or cruiser mounted-under 16 tons; drilling machines, self-powered use for earth or rock drilling or boring (wagon drills nd any hand drills obtaining power from other sources including concrete breakers, jackhammers and barco equipment-no engineer required); elevating grader; engineman, dredge; excavator or powerbelt machine; finishing machine, self-propelled oscillating screed; forklift; grader, road with power blade; highlift. greaser; hoist, stack, hydro-hammer; loading machine (such as barber-greene); machanic, on job site; mixer, pipe wrapping machines; plant asphalt; plant, concrete producing or ready-mix job site; plant heating-job site; plant mixing-job site; plant power, generating-job site; pumps, two through six self-powered over 2"; pumps, electric submersible, two through six, over 4"; quad-track; roller, asphalt, top or sub-grade; scoop, tractor drawn; spreader box; sub-grader; tie tamper; tractor-crawler, or wheel type with or without power unit, power take-offs and attachments regardless of size; trenching machine; tunnel boring machine; vibrating machine automatic, automatic propelled; welding machines (gasoline or diesel) two through six; well drilling machine

GROUP 3: Conveyor, large (not self-propelled); conveyor, large (not self-propelled) moving brick and concrete distributing) on floor level; mixer two or more mixers of one bag capacity or less; air tugger w/plant air; boiler, for power or heating on construction projects; boiler, temporary; compressor (mounted on truck; curb finishing machine; ditch paving machine; elevator; endless chain hoist; form grader; hoist, one drum regardless of size; lad-a-vator; manlift; mixer, asphalt, over 8 cu. ft. capacity, without side loader, 2 bag capacity or more; mixer, with side loader, regardless of size; pug mill operator; pump, sump-self-powered, automatic controlled over 2" during use in connection with construction work; sweeper, street; welding machine, one over 400 amp.; winch operating from truck; scissor lift (used for hoisting); tractor, small wheel type 50 h.p. & under with grader blade & similar equipment; Oiler on dredge and on truck crane.

GROUP 4: Boat operator-outboard motor (job site); conveyor (such as con-vay-it) regardless of how used; sweeper, floor

HOURLY PREMIUMS:

Backhoe, hydraulic 2 cu. yds. or under without oiler	$2.00
Certified Crane Operator	1.50
Certified Hazardous Material Operator	1.50
Crane, climbing (such as Linden)	.50
Crane, pile driving and extracting	.50
Crane, with boom (including jib) over 100' (from pin to pin) add $.01 per foot to maximum of	4.00
Crane, using rock socket tool	.50

Derrick, diesel, gas or electric, hoisting material and erecting steel (150' or more above ground) .50
Dragline, 7 cu. yds. and over .50
Hoist, three (3) or more drums in use .50
Scoop, Tandem .50
Shovel, power - 7 cu. yds. or more .50
Tractor, tandem crawler .50
Tunnel, man assigned to work in tunnel or tunnel shaft .50
Wrecking, when machine is working on second floor or higher .50

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* IRON0010-012 04/01/2014

	Rates	Fringes
Ironworkers:		
ANDREW, BARTON, BENTON, CAMDEN, CEDAR, CHARITON, CHRISTIAN, COOPER, DADE, DALLAS, DAVIESS, DE KALB, GENTRY, GREENE, GRUNDY, HARRISON, HICKORY, HOLT, HOWARD, LACLEDE, LINN, LIVINGSTON, MERCER, MONITEAU, MORGAN, NODAWAY, PETTIS, POLK, PUTNAM, RANDLOPH, ST. CLAIR, SULLIVAN, TANEY, VERNON, WEBSTER, WRIGHT and WORTH Counties and portions of ADAIR, BOONE, MACON, MILLER and RANDOLPH Counties	$ 27.50	27.05
ATCHISON, BATES, BUCHANAN, CALDWELL, CARROLL, CASS, CLAY, CLINTON, HENRY, JACKSON, JOHNSON, LAFAYETTE, PETTIS, PLATTE, SALINE, AND RAY COUNTIES	$ 30.50	27.05

IRON0321-002 08/01/2012

DOUGLAS, HOWELL and OZARK COUNTIES

	Rates	Fringes
Ironworker	$ 18.40	14.68

IRON0396-004 08/01/2012

ST. LOUIS (City and County), ST. CHARLES, JEFFERSON, IRON, FRANKLIN, LINCOLN, WARREN, WASHINGTON, ST. FRANCOIS, STE. GENEVIEVE, and REYNOLDS Counties; and portions of MADISON, PERRY, BOLLINGER, WAYNE, and CARTER Counties

	Rates	Fringes

Ironworker.....$ 32.28 20.31

IRON0396-009 08/01/2013

AUDRAIN, CALLAWAY, COLE, CRAWFORD, DENT, GASCONADE, MARIES, MONTGOMERY, OSAGE, PHELPS, PIKE, PULASKI, TEXAS and WRIGHT Counties; and portions of BOONE, CAMDEN, DOUGLAS, HOWELL, LACLEDE, MILLER, MONROE, OREGON, SHANNON and RALLS Counties

	Rates	Fringes
Ironworker	$ 27.91	21.75

IRON0577-005 08/01/2012

ADAIR, CLARK, KNOX, LEWIS, MACON, MARION, MONROE, RALLS, SCHUYLER, SCOTLAND, AND SHELBY COUNTIES

	Rates	Fringes
Ironworker	$ 24.44	17.31

IRON0584-004 06/01/2013

BARRY, JASPER, LAWRENCE, MCDONALD, NEWTON AND STONE Counties

	Rates	Fringes
Ironworkers:	$ 23.10	12.88

IRON0782-003 08/01/2013

CAPE GIRARDEAU, MISSISSIPPI, NEW MADRID, SCOTT, & STODDARD Counties; and portions of BOLLINGER, BUTLER, CARTER, DUNKLIN, MADISON, PEMISCOT, PERRY, RIPLEY, and WAYNE Counties

	Rates	Fringes
Ironworkers:		
Locks, Dams, Bridges and other major work on the Mississippi and Ohio River only	$ 29.39	18.79
All Other Work	$ 24.12	18.79

LABO0042-003 03/06/2013

ST. LOUIS (City and County)

	Rates	Fringes
LABORER		
Plumber Laborer	$ 29.52	13.22

LABO0042-005 03/08/2013

ST. LOUIS (City and County)

	Rates	Fringes
LABORER		
Dynamiter, Powderman	$ 29.90	13.22
Laborers, Flaggers	$ 29.52	13.22
Wrecking	$ 29.40	13.22

LABO0424-002 05/01/2009

	Rates	Fringes
LABORER		
ADAIR, AUDRAIN, BOONE, CALLAWAY, CHARITON, CLARK, COLE, COOPER, HOWARD, IRON, KNOX, LEWIS, LINN, MACON, MADISON, MARION, MILLER, MONITEAU, MONROE, PERRY, PIKE, PUTNAM, RALLS, RANDOLPH, REYNOLDS, ST. FRANCOIS, STE. GENEVIEVE, SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES		
GROUP 1	$ 24.56	9.29
GROUP 2	$ 25.16	9.29
BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, CRAWFORD, DENT, DUNKLIN, GASCONADE, HOWELL, MARIES, MISSISSIPPI, NEW MADRID, OREGON, OSAGE, PEMISCOT, PHELPS, PULASKI, RIPLEY, SCOTT, SHANNON, STODDARD, TEXAS, WASHINGTON AND WAYNE COUNTIES		
GROUP 1	$ 24.56	9.29
GROUP 2	$ 25.16	9.29
FRANKLIN COUNTY		
GROUP 1	$ 26.01	9.29
GROUP 2	$ 26.61	9.29
JEFFERSON COUNTY		
GROUP 1	$ 26.06	9.29
GROUP 2	$ 26.66	9.29
LINCOLN, MONTGOMERY AND WARREN COUNTIES		
GROUP 1	$ 24.81	9.29
GROUP 2	$ 25.41	9.29
ST.CHARLES COUNTY		
GROUP 1	$ 27.33	9.29
GROUP 2	$ 27.33	9.29

LABORERS CLASSIFICATIONS

GROUP 1 - General laborer-flagman, carpenter tenders; salamander Tenders; Dump Man; Ticket Takers; loading trucks under bins, hoppers, and conveyors; track man; cement handler; dump man on earth fill; georgie buggie man;

material batch hopper man; spreader on asphalt machine; material mixer man (except on manholes); coffer dams; riprap pavers rock, block or brick; scaffolds over ten feet not self-supported from ground up; skip man on concrete paving; wire mesh setters on concrete paving; all work in connection with sewer, water, gas, gasoling, oil, drainage pipe, conduit pipe, tile and duct lines and all other pipe lines; power tool operator; all work in connection with hydraulic or general dredging operations; form setters, puddlers (paving only); straw blower nozzleman; asphalt plant platform man; chuck tender; crusher feeder; men handling creosote ties or creosote materials; men working with and handling epoxy material; topper of standing trees; feeder man on wood pulverizers, board and willow mat weavers and cabelee tiers on river work; deck hands; pile dike and revetment work; all laborers working on underground tunnels less than 25 ft. where compressed air is not used; abutement and pier hole men working six (6) ft. or more below ground; men working in coffer dams for bridge piers and footing in the river; barco tamper; jackson or any other similar tamp; cutting torch man; liners, curb, gutters, ditch lines; hot mastic kettlemen; hot tar applicator; hand blade operator; mortar men or brick or block manholes; rubbing concrete, air tool operator under 65 lbs.; caulker and lead man; chain or concrete saw under 15 h.p.; signal Gan; Guard rail and sign erectors.

GROUP 2 - Skilled laborers - Vibrator man; asphalt raker; head pipe layer on sewer work; batterboard man on pipe and ditch work; cliff scalers working from bosun's chairs; scaffolds or platforms on dams or power plants over 10 ft. high; air tool operator over 65 lbs.; stringline man on concrete paving; sandblast man; laser beam man; wagon drill; churn drill; air track drill and all other similar type drills, gunite nozzle man; pressure grout man; screed man on asphalt; concrete saw 15 h.p. and over; grade checker; strigline man on electronic grade control; manhole builder; dynamite man; powder man; welder; tunnel man; waterblaster - 1000 psi or over; asbestos and/or hazardous waste removal and/or disposal

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LABO0579-005 05/01/2014

	Rates	Fringes
LABORER (ANDREW, ATCHISON, BUCHANAN, CALDWELL, CLINTON, DAVIESS, DEKALB, GENTRY, GRUNDY, HARRISON, HOLT, LIVINGSTON, MERCER, NODAWAY and WORTH COUNTIES.)		
GROUP 1	$ 24.67	12.36
GROUP 2	$ 25.02	12.36
LABORER (BARRY, BARTON, BATES, BENTON, CAMDEN, CARROLL, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HENRY. HICKORY,		

JASPER, JOHNSON, LACLEDE,
LAWRENCE, MCDONALD, MORGAN,
NEWTON, OZARK, PETTIS, POLK,
ST.CLAIR, SALINE, STONE,
TANEY, VERNON, WEBSTER and
WRIGHT COUNTIES)

GROUP 1	$ 23.22	12.01
GROUP 2	$ 23.77	12.01

LABORER (LAFAYETTE COUNTY)

GROUP 1	$ 24.77	12.26
GROUP 2	$ 25.12	12.26

LABORERS CLASSIFICATIONS

GROUP 1: General Laborers - Carpenter tenders; salamander tenders; loading trucks under bins; hoppers & conveyors; track men & all other general laborers; air tool operator; cement handler-bulk or sack; dump man on earth fill; georgie buggie man; material batch hopper man; material mixer man (except on manholes); coffer dams; riprap pavers - rock, block or brick; signal man; scaffolds over ten feet not self-supported from ground up; skipman on concrete paving; wire mesh setters on concrete paving; all work in connection with sewer, water, gas, gasoline, oil drainage pipe, conduit pipe, tile and duct lines and all other pipe lines; power tool operator, all work in connection with hydraulic or general dredging operations; puddlers (paving only); straw blower nozzleman; asphalt plant platform man; chuck tender; crusher feeder; men handling creosote ties or creosote materials; men working with and handling epoxy material or materials (where special protection is required); rubbing concrete; topper of standing trees; batter board man on pipe and ditch work; feeder man on wood pulverizers; board and willow mat weavers and cable tiers on river work; deck hands; pile dike and revetment work; all laborers working on underground tunnels less than 25 feet where compressed air is not used; abutment and pier hole men working six (6) feet or more below ground; men working in coffer dams for bridge piers and footings in the river; ditchliners; pressure groutmen; caulker; chain or concrete saw; cliffscalers working from scaffolds, bosuns' chairs or platforms on dams or power plants over (10) feet above ground; mortarmen on brick or block manholes; toxic and hazardous waste work.

GROUP 2: Skilled Laborers - Head pipe layer on sewer work; laser beam man; Jackson or any other similar tamp; cutting torch man; form setters; liners and stringline men on concrete paving, curb, gutters; hot mastic kettleman; hot tar applicator; sandblasting and gunite nozzlemen; air tool operator in tunnels; screed man on asphalt machine; asphalt raker; barco tamper; churn drills; air track drills and all similar drills; vibrator man; stringline man for electronic grade control; manhole builders-brick or block; dynamite and powder men; grade checker.

LABO0663-002 04/01/2014

CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES

	Rates	Fringes
LABORER		
GROUP 1	$ 28.06	14.25
GROUP 2	$ 29.27	14.25

LABORERS CLASSIFICATIONS

GROUP 1: General laborers, Carpenter tenders, salamander tenders, loading trucks under bins, hoppers and conveyors, track men and all other general laborers, air tool operator, cement handler (bulk or sack), chain or concrete saw, deck hands, dump man on earth fill, Georgie Buggies man, material batch hopper man, scale man, material mixer man (except on manholes), coffer dams, abutments and pier hole men working below ground, riprap pavers rock, black or brick, signal man, scaffolds over ten feet not self-supported from ground up, skipman on concrete paving, wire mesh setters on concrete paving, all work in connection with sewer,water, gas, gasoling, oil, drainage pipe, conduit pipe, tile and duct lines and all other pipelines, power tool operator, all work in connection with hydraulic or general dredging operations, straw blower nozzleman,asphalt plant platform man, chuck tender, crusher feeder, men handling creosote ties on creosote materials, men working with and handling epoxy material or materials (where special protection is required), topper of standing trees, batter board man on pipe and ditch work, feeder man on wood pulverizers, board and willow mat weavers and cable tiers on river work, deck hands, pile dike and revetment work, all laborers working on underground tunnels less than 25 feet where compressed air is not used, abutment and pier hole men working six (6) feet or more below ground, men working in coffer dams for bridge piers and footings in the river, ditchliners, pressure groutmen, caulker and chain or concrete saw, cliffscalers working from scaffolds, bosuns' chairs or platforms on dams or power plants over (10) feet above ground, mortarmen on brick or block manholes, signal man.

GROUP 2: Skilled Laborer - spreader or screed man on asphalt machine, asphalt raker, grade checker, vibrator man, concrete saw over 5 hp., laser beam man, barco tamper, jackson or any other similar tamp, wagon driller, churn drills, air track drills and other similar drills, cutting torch man, form setters, liners and stringline men on concrete paving, curb, gutters and etc., hot mastic kettleman, hot tar applicator, hand blade operators, mortar men on brick or block manholes, sand blasting and gunnite nozzle men, rubbing concrete, air tool operator in tunnels, head pipe layer on sewer work, manhole builder (brick or block), dynamite and powder men.

PAIN0002-002 09/01/2007

CLARK, FRANKLIN, JEFFERSON, LEWIS, LINCOLN, MARION, PIKE, RALLS, ST. CHARLES, ST. LOUIS (CITY & COUNTY), AND WARREN COUNTIES

	Rates	Fringes
Painters:		
Brush and Roller; Taper	$ 28.61	10.24
High work over 60 feet	$ 29.11	10.24
Lead Abatement	$ 29.36	10.24
Pressure Roller; High work under 60 ft	$ 28.86	10.24
Spray & Abrasive Blasting; Water Blasting (Over 5000 PSI)	$ 30.61	10.24
Taper (Ames Tools & Bazooka)	$ 30.21	10.24

PAIN0002-006 04/01/2011

ADAIR, AUDRAIN, BOONE, CALLAWAY, CHARITON, COLE, GASCONADE, HOWARD, KNOX, LINN, MACON, MONROE, MONTGOMERY, OSAGE, PUTNAM, RANDOLPH, SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES and the City of Booneville.

	Rates	Fringes
Painters:		
Bridges, Dams, Locks or Powerhouses	$ 22.80	10.87
Brush and Roll; Taping, Paperhanging	$ 20.80	10.87
Epoxy or Any Two Part Coating; Sandblasting; Stage or other Aerial Work - Platforms over 50 feet high; Lead Abatement	$ 21.80	10.87
Spray; Structural Steel (over 50 feet)	$ 21.30	10.87
Tapers using Ames or Comparable Tools	$ 21.05	10.87

PAIN0003-004 04/01/2013

CASS, CLAY, CLINTON, JACKSON, JOHNSON, LAFAYETTE, PLATTE & RAY COUNTIES

	Rates	Fringes
Painters:		
Bridgeman; Lead Abatement; Sandblast; Storage Bin & Tanks	$ 30.20	15.07
Brush & Roller	$ 28.58	15.07
Drywall	$ 28.80	15.07
Paper Hanger	$ 29.08	15.07
Stageman; Beltman; Steelman; Elevator Shaft; Bazooka, Boxes and Power Sander; Sprayman; Dipping	$ 29.70	15.07

Steeplejack.....$ 33.77 15.07

PAIN0003-011 04/01/2011

BATES, BENTON, CALDWELL, CARROLL, COOPER, DAVIESS, GRUNDY, HARRISON, HENRY, LIVINGSTON, MERCER, MONITEAU, MORGAN, PETTIS & SALINE COUNTIES

	Rates	Fringes
Painters:		
Bridgeman; Lead Abatement; Sandblast; Storage Bin & Tanks	$ 24.06	14.04
Brush & Roller	$ 22.67	14.04
Drywall	$ 22.84	14.04
Paper Hanger	$ 23.07	14.04
Stageman; Beltman; Steelman; Elevator Shaft; Bazooka, Boxes and Power Sander; Sprayman; Dipping	$ 23.56	14.04
Steeplejack	$ 26.82	14.04

PAIN0098-002 05/01/2012

ANDREW, ATCHISON, BUCHANAN, DE KALB, GENTRY, HOLT, NODAWAY & WORTH COUNTIES

	Rates	Fringes
Painters:		
Brush & Roller	$ 22.93	11.51
Sandblaster	$ 23.93	11.51
Steeplejack	$ 25.93	11.51

PAIN0203-001 04/01/2012

BARRY, BARTON, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, HOWELL, JASPER, LAWRENCE, MCDONALD, NEWTON, OZARK, POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, and WRIGHT COUNTIES

	Rates	Fringes
Painters:		
Finisher	$ 20.18	11.33
Painter	$ 19.75	11.76
Sandblaster, High Man, Spray Man, Vinyl Hanger, Tool Operator	$ 21.18	11.33

PAIN1265-003 07/01/2013

CAMDEN, CRAWFORD, DENT, LACLEDE, MARIES, MILLER, PHELPS, PULASKI AND TEXAS COUNTIES

	Rates	Fringes
Painters:		
Brush and Roller	$ 25.64	13.27
Floor Work	$ 26.14	13.27
Lead Abatement	$ 27.89	13.27
Spray	$ 27.14	13.27
Structural Steel, Sandblasting and All Tank Work	$ 26.89	13.27
Taping, Paperhanging	$ 26.64	13.27

PAIN1292-002 09/01/2013

BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN, MISSISSIPPI, NEW MADRID, OREGON, PEMISCOT, PERRY, REYNOLDS, RIPLEY, SCOTT, SHANNON, STODDARD and WAYNE COUNTIES

	Rates	Fringes
Painters:		
Bridges, Stacks & Tanks	$ 29.44	10.65
Brush & Roller	$ 24.49	10.65
Spray & Abrasive Blasting; Waterblasting (over 5000 PSI)	$ 26.49	10.65

Height Rates (All Areas):
Over 60 ft. $0.50 per hour.
Under 60 ft. $0.25 per hour.

PAIN1292-003 09/01/2013

IRON, MADISON, ST. FRANCOIS, STE. GENEVIEVE and WASHINGTON COUNTIES

	Rates	Fringes
Painters:		
Bridges, Stacks & Tanks	$ 29.44	10.65
Brush & Roller	$ 25.09	10.65
Spray & Abrasive Blasting; Waterblasting (Over 5000 PSI)	$ 27.09	10.65

Height Rates (All Areas):
0ver 60 ft. $0.50 per hour
Under 60 ft. $0.25 per hour.

PLAS0518-006 03/01/2013

BARRY, BARTON, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, JASPER, LACLEDE, LAWRENCE, MCDONALD, NEWTON, OZARK, POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, AND WRIGHT COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 22.40	9.05

PLAS0518-007 04/01/2013

CASS (Richards-Gebaur AFB only), CLAY, JACKSON, PLATTE AND RAY COUNTIES

	Rates	Fringes
Cement Masons:	$ 30.09	14.68

PLAS0518-011 04/01/2012

ANDREW, ATCHISON, BATES, BUCHANNAN, CLINTON, DEKALB, GENTRY, HENRY, HOLT, JOHNSON, LAFAYETTE, NODAWAY & WORTH COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 31.08	16.15

* PLAS0527-001 04/01/2014

	Rates	Fringes
CEMENT MASON		
FRANKLIN, LINCOLN AND WARREN COUNTIES	$ 29.03	16.43
JEFFERSON, ST. CHARLES COUNTIES AND ST.LOUIS (City and County)	$ 30.20	16.51

* PLAS0527-004 06/01/2014

CRAWFORD, DENT, IRON, MADISON, MARION, PHELPS, PIKE, PULASKI, RALLS, REYNOLDS, ST. FRANCOIS, STE. GENEVIEVE, SHANNON, TEXAS, WASHINGTON COUNTIES

	Rates	Fringes
CEMENT MASON	$ 27.04	16.43

PLAS0908-001 05/01/2012

BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN, HOWELL, MISSISSIPPI, NEW MADRID, OREGON, PEMISCOT, PERRY, RIPLEY, SCOTT, STODDARD, AND WAYNE COUNTIES

	Rates	Fringes
CEMENT MASON	$ 25.25	12.55

PLAS0908-005 05/01/2012

BENTON, CALDWELL, CALLAWAY, CAMDEN, CARROLL, COLE, DAVIESS, GASCONADE, GRUNDY, HARRISON, LIVINGSTON, MACON, MARIES, MERCER, MILLER, MONTGOMERY, MORGAN, OSAGE, PETTIS & SALINE COUNTIES

	Rates	Fringes
CEMENT MASON	$ 25.25	12.55

PLUM0008-003 06/01/2013

CASS, CLAY, JACKSON, JOHNSON, AND PLATTE COUNTIES

	Rates	Fringes
Plumbers	$ 38.75	19.96

PLUM0008-017 06/01/2012

BATES, BENTON, CARROLL, HENRY, LAFAYETTE, MORGAN, PETTIS, RAY, ST. CLAIR, SALINE AND VERNON COUNTIES

	Rates	Fringes
Plumbers	$ 35.01	20.41

PLUM0045-003 09/01/2013

ANDREW, ATCHISON, BUCHANAN, CALDWELL, CLINTON, DAVIESS, DEKALB, GENTRY, HARRISON, HOLT, NODAWAY AND WORTH COUNTIES

	Rates	Fringes
Plumbers and Pipefitters	$ 33.50	18.85

PLUM0178-003 11/01/2013

BARRY, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, LACLEDE, LAWRENCE, POLK, STONE, TANEY, WEBSTER AND WRIGHT COUNTIES

	Rates	Fringes
Plumbers and Pipefitters	$ 28.00	14.45

PLUM0178-006 11/01/2013

BARTON, JASPER, MCDONALD AND NEWTON COUNTIES

	Rates	Fringes
Plumbers and Pipefitters		
Projects $750,000 & under	$ 25.03	14.45
Projects over $750,000	$ 28.00	14.45

PLUM0533-004 06/01/2013

BATES, BENTON, CARROLL, CASS, CLAY, HENRY, HICKORY, JACKSON, JOHNSON, LAFAYETTE, MORGAN, PETTIS, PLATTE, RAY, SALINE, ST. CLAIR AND VERNON COUNTIES

	Rates	Fringes
Pipefitters	$ 40.58	19.07

PLUM0562-004 07/01/2013

ADAIR, AUDRAIN, BOLLINGER, BOONE, BUTLER, CALLAWAY,CAMDEN, CAPE GIRARDEAU,CARTER, CHARITON, CLARK, COLE, COOPER, CRAWFORD, DENT, DUNKLIN, FRANKLIN, GASCONADE, GRUNDY, HOWARD, HOWELL, IRON, JEFFERSON, KNOX, LEWIS, LINCOLN, LINN, LIVINGSTON, MACON, MADISON, MARIES, MARION, MERCER, MILLER, MISSISSIPPI, MONITEAU, MONROE, MONTGOMERY, NEW MADRID, OREGON, OSAGE, PEMISCOTT, PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. CHARLES, ST.FRANCOIS, STE. GENEVIEVE, ST. LOUIS, SCHUYLER, SCOTLAND, SCOTT, SHANNON, SHELBY, STODDARD, SULLIVAN, TEXAS, WARREN, WASHINGTON,AND WAYNE COUNTIES.

	Rates	Fringes
Plumbers and Pipefitters		
Mechanical Contracts including all piping and temperature control work $7.0 million & under	$ 33.41	20.89
Mechanical Contracts including all piping and temperature control work over $7.0 million	$ 34.75	26.28

PLUM0562-016 07/01/2013

CAMDEN, COLE, CRAWFORD, FRANKLIN, JEFFERSON, MARIES, MILLER, MONITEAU, OSAGE, PHELPS, PULASKI, ST. CHARLES, ST. LOUIS (City and County), WARREN and WASHINGTON COUNTIES

	Rates	Fringes
Plumbers		
Mechanical Contracts including all piping and temperature control work $7.0 million & under	$ 33.41	20.89
Mechanical Contracts including all piping and temperature control work over $7.0 million	$ 34.75	26.28

TEAM0013-001 05/01/2010

	Rates	Fringes
Truck drivers (ADAIR, BUTLER, CLARK, DUNKIN, HOWELL, KNOX,		

LEWIS, OREGON, PUTNAM,
RIPLEY, SCHUYLER AND SCOTLAND
COUNTIES)

GROUP 1	$ 25.84	9.85
GROUP 2	$ 26.00	9.85
GROUP 3	$ 25.99	9.85
GROUP 4	$ 26.11	9.85

Truck drivers (AUDRAIN,
BOLLINGER, BOONE, CALLAWAY,
CAPE GIRARDEAU, CARTER, COLE,
CRAWFORD, DENT, GASCONADE,
IRON, MACON, MADISON, MARIES,
MARION, MILLER, MISSISSIPPI,
MONROE, MONTGOMERY, NEW
MADRID, OSAGE, PEMISCOT,
PERRY, PHELPS, PIKE, PULASKI,
RALLS, REYNOLDS, ST.
FRANCOIS, STE. GENEVIEVE,
SCOTT, SHANNON, SHELBY,
STODDARD, TEXAS, WASHINGTON
AND WAYNE COUNTIES)

GROUP 1	$ 26.57	9.85
GROUP 2	$ 26.73	9.85
GROUP 3	$ 26.72	9.85
GROUP 4	$ 26.84	9.85

Truck drivers (FRANKLIN,
JEFFERSON and ST. CHARLES
COUNTIES)

GROUP 1	$ 28.93	9.85
GROUP 2	$ 29.04	9.85
GROUP 3	$ 29.08	9.85
GROUP 4	$ 29.15	9.85

Truck drivers (LINCOLN and
WARREN COUNTIES)

GROUP 1	$ 27.58	9.85
GROUP 2	$ 27.69	9.85
GROUP 3	$ 28.73	9.85
GROUP 4	$ 27.80	9.85

TRUCK DRIVERS CLASSIFICATIONS:

GROUP 1: Flat Bed Trucks, Single Axle; Station Wagons; Pickup Trucks; Material Trucks, Single Axle; Tank Wagon, Single Axle

GROUP 2: Agitator and Transit Mix Trucks

GROUP 3: Flat Bed Trucks, Tandem Axle; Articulated Dump Trucks; Material Trucks, Tandem Axle; Tank Wagon, Tandem Axle

GROUP 4: Semi and/or Pole Trailers; Winch, Fork & Steel Trucks; Distributor Drivers and Operators; Tank Wagon, Semi-Trailer; Insley Wagons, Dumpsters, Half-Tracks, Speedace, Euclids and other similar equipment; A-Frame and Derrick Trucks; Float or Low Boy

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TEAM0056-001 05/01/2010

	Rates	Fringes
Truck drivers (ANDREW, BARTON, BATES, BENTON, CALDWELL, CAMDEN, CARROLL, CEDAR, CHARITON, CHRISTIAN, CLINTON, COOPER, DADE, DALLAS, DAVIESS, DEKALB, DOUGLAS, GREENE, HENRY, HICHKORY, HOWARD, JASPER, LACLEDE, LAWRENCE, LINN, LIVINGSTON, MONITEAU, MORGAN, NEWTON, PETTIS, POLK, RANDOLPH, ST. CLAIR, SALINE, VERNON, WEBSTER AND WRIGHT COUNTIES)		
GROUP 1	$ 26.27	9.85
GROUP 2	$ 26.43	9.85
GROUP 3	$ 26.42	9.85
GROUP 4	$ 26.54	9.85
Truck drivers: (ATCHISON, BARRY, GENTRY, GRUNDY, HARRISON, HOLT, MCDONALD, MERCER, NODAWAY, OZARK, STONE, SULLIVAN, TANEY AND WORTH COUNTIES)		
GROUP 1	$ 25.54	9.85
GROUP 2	$ 25.70	9.85
GROUP 3	$ 25.69	9.85
GROUP 4	$ 25.81	9.85
Truck drivers; (BUCHANAN, JOHNSON AND LAFAYETTE COUNTIES)		
GROUP 1	$ 27.48	9.85
GROUP 2	$ 27.59	9.85
GROUP 3	$ 27.63	9.85
GROUP 4	$ 27.70	9.85

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Flat bed trucks single axle; station wagons; pickup trucks; material trucks single axle; tank wagons single axle.

GROUP 2: Agitator and transit mix-trucks.

GROUP 3: Flat bed trucks tandem axle; articulated dump trucks; material trucks tandem axle; tank wagons tandem axle.

GROUP 4: Semi and/or pole trailers; winch, fork & steel trucks; distributor drivers & operators; tank wagons semi-trailer; insley wagons, dumpsters, half-tracks, speedace, euclids & other similar equipment; A-frames and derrick trucks; float or low boy.

TEAM0245-001 03/26/2012

BARRY, BARTON, CAMDEN, CEDAR, CHRISTIAN, DALLAS, DENT, DOUGLAS,

GREENE, HICKORY, HOWELL, JASPER, LACLEDE, LAWRENCE, MCDONALD, MILLER, NEWTON, OZARK, PHELPS, POLK, PULASKI, SHANNON, STONE, TANEY, TEXAS, VERNON, WEBSTER AND WRIGHT COUNTIES

	Rates	Fringes
Truck drivers:		
Traffic Control Service Driver	$ 20.45	0.00

PAID HOLIDAYS: New Year's Day, Decoration Day, July 4th, Labor Day, Thanksgiving Day, Christmas Day, employee's birthday and 2 personal days.

TEAM0541-001 04/01/2014

CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES

	Rates	Fringes
Truck drivers:		
GROUP 1	$ 30.71	13.20
GROUP 2	$ 30.14	13.20
GROUP 3	$ 29.62	13.20

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Mechanics and Welders, Field; A-Frame Low Boy-Boom ruck Driver.

GROUP 2: Articulated Dump Truck; Insley Wagons: Dump Trucks, Excavating, 5 cu yds and over; Dumpsters; Half-Tracks: Speedace: Euclids & similar excavating equipment Material trucks, Tandem Two teams; Semi-Trailers; Winch trucks-Fork trucks; Distributor Drivers and Operators; Agitator and Transit Mix; Tank Wagon Drivers, Tandem or Semi; One Team; Station Wagons; Pickup Trucks; Material Trucks, Single Axle; Tank Wagon Drivers, Single Axle

GROUP 3: Oilers and Greasers - Field

TEAM0682-002 05/01/2012

ST LOUIS CITY AND COUNTY

	Rates	Fringes
Truck drivers:		
GROUP 1	$ 30.605	8.69+a+b+c+d
GROUP 2	$ 30.805	8.69+a+b+c+d
GROUP 3	$ 30.69	8.69+a+b+c+d

a. PENSION: 5/1/2012 - $182.20 per week.

b. HAZMAT PREMIUM: If Hazmat certification on a job site is required by a state or federal agency or requested by project owner or by the employer, employees on that job

site shall receive $1.50 premium pay.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - Pick-up trucks; forklift, single axle; flatbed trucks; job site ambulance, and trucks or trailers of a water level capacity of 11.99 cu. yds. or less

GROUP 2 - Trucks or trailers of a water level capacity of 12.0 cu yds. up to 22.0 cu yds. including euclids, speedace and similar equipment of same capacity and compressors

GROUP 3 - Trucks or trailers of a water level capacity of 22.0 cu. yds & over including euclids, speedace & all floats, flatbed trailers, boom trucks, winch trucks, including small trailers, farm wagons tilt-top trailers, field offices, tool trailers, concrete pumps, concrete conveyors & gasoline tank trailers and truck mounted mobile concrete mixers

FOOTNOTE FOR TRUCK DRIVERS:

c. PAID HOLIDAYS: Christmas Day, Independence Day, Labor Day, Memorial Day, Veterans Day, New Years Day, Thanksgiving Day

d. PAID VACATION: 3 days paid vacation for 600 hours of service in any one contract year; 4 days paid vacation for 800 hours of service in any one contract year; 5 days paid vacation for 1,000 hours of service in any one contract year. When such an employee has completed 3 years of continuous employment with the same employer and then works the above required number of hours, he shall receive double the number of days of vacation specified above. When such an employee has completed 10 years of continuous employment with the same employer and then works the above required number of hours, he shall receive triple the number of days of vacation specified above. When such an employee has completed 15 years of continuous employment with the same employer and then works the above required number of hours, he shall receive 4 times the number of days of vacation specified above.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on

a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

Itemized Bid Form

Project: Graeser Road Resurfacing Project STP-5526(638)
Location: Graeser Road (Ladue Road to Olive Boulevard), Creve Coeur, Missouri

Sealed Bids Publicly Opened and Read
10:00 AM Thursday, July 31, 2014

Contractor's Name _____ Date _____

Department of Public Works
City of Creve Coeur, Missouri
300 North New Ballas Road
Creve Coeur, MO 63141
314-872-2533

Item Number	Quantity	Item with Unit Bid Price Written in Words	Unit Price Dollars	 Cents	Amount Dollars	 Cents
2022010A	1	REMOVAL OF IMPROVEMENTS at _____ Per Lump Sum				
2039901A	1	EARTHWORK at _____ Per Lump Sum				
2051010	1,030	MODIFIED SUBGRADE at _____ Per Square Yard				
3040504	160	TYPE 5 AGGREGATE BASE - 4" DEPTH at _____ Per Square Yard				
402001A	18,155	PAVEMENT MILLING at _____ Per Square Yard				
403003A	18,155	GEOSYNTHETIC INTERLAYER at _____ Per Square Yard				
405001A	2,136	TYPE "C" BITUMINOUS PAVEMENT at _____ Per Ton				
4053030	52	TYPE "X" BITUMINOUS PAVEMENT at _____ Per Ton				

Subtotal Carried Forward to the Next Page:		

Itemized Bid Form

Project: Graeser Road Resurfacing Project STP-5526(638)
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10:00 AM Thursday, July 31, 2014

Contractor's Name _____ Date _____

Department of Public Works
City of Creve Coeur, Missouri
300 North New Ballas Road
Creve Coeur, MO 63141
314-872-2533

Item Number	Quantity	Item with Unit Bid Price Written in Words	Unit Price Dollars	 Cents	Amount Dollars	 Cents
6042010	3	ADJUSTING MANHOLE at _____ Per Each				
6049910A	10	ADJUST WATER VALVE/MANHOLE TO GRADE at _____ Per Each				
6049911A	10	ADJUST GAS VALVE/MANHOLE TO GRADE at _____ Per Each				
6091010A	144	CONCRETE CURB, TYPE S at _____ Per Linear Foot				
613550A	1,030	FULL-DEPTH PATCH REPAIR at _____ Per Square Yard				
6169901A	1	TRAFFIC CONTROL at _____ Per Lump Sum				
6181000A	1	MOBILIZATION at _____ Per Lump Sum				
8069901A	1	SEDIMENT AND EROSION CONTROL at _____ Per Lump Sum				

Subtotal Carried Forward to the Next Page:		

Itemized Bid Form

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Sealed Bids Publicly Opened and Read
10:00 AM Thursday, July 31, 2014

Contractor's Name Date

Department of Public Works
City of Creve Coeur, Missouri
300 North New Ballas Road
Creve Coeur, MO 63141
314-872-2533

Item Number	Quantity	Item with Unit Bid Price Written in Words	Unit Price Dollars	 Cents	Amount Dollars	 Cents
620-62.01	11,598	EPOXY PAVEMENT MARKING, 4" SOLID WHITE at _____ Per Linear Foot				
620-62.03	12,452	EPOXY PAVEMENT MARKING, 4" SOLID YELLOW at _____ Per Linear Foot				
620-62.10	5	EPOXY PAVEMENT MARKING, LEFT/RIGHT ARROW at _____ Per Each				
620-62.13	2	EPOXY PAVEMENT MARKING, COMBINATION STRAIGHT-LEFT/RIGHT ARROW at _____ Per Each				
620-62.15	129	EPOXY PAVEMENT MARKING, 24" WHITE (STOP BARS & CROSSWALKS) at _____ Per Linear Foot				
620-62.31	15	EPOXY PAVEMENT MARKING, 12" WHITE (CROSSWALKS) at _____ Per Linear Foot				
9031250A	64	U-CHANNEL POST, 3 LB at _____ Per Linear Foot				
9035004	50	TYPE SHR2L-1 SIGN at _____ Per Square Foot				

Subtotal Carried Forward to the Next Page:		

Itemized Bid Form

Project: Graeser Road Resurfacing Project STP-5526(638)
Location: Graeser Road (Ladue Road to Olive Boulevard), Creve Coeur, Missouri

Sealed Bids Publicly Opened and Read
10:00 AM Thursday, July 31, 2014

Contractor's Name _____ Date _____

Department of Public Works
City of Creve Coeur, Missouri
300 North New Ballas Road
Creve Coeur, MO 63141
314-872-2533

Item Number	Quantity	Item with Unit Bid Price Written in Words	Unit Price Dollars	 Cents	Amount Dollars	 Cents
910-99.02	4	VEHICLE DETECTOR LOOP at _____ Per Each				
6042020	3	ADJUSTING BASIN OR INLET (INLET STONE) at _____ Per Each				
6085006	525	PAVED APPROACH, 6 IN, INCLUDES 4 IN TYPE 5 AGGREGATE BASE at _____ Per Square Yard				
6085008	340	PAVED APPROACH, 8 IN, INCLUDES 4 IN TYPE 5 AGGREGATE BASE at _____ Per Square Yard				
6086004A	235	CONCRETE SIDEWALK, 4-INCH THICKNESS at _____ Per Square Yard				
6081010A	29	CONCRETE CURB RAMP, 7-INCH THICKNESS at _____ Per Each				
7201000	59	MECHANICALLY STABILIZED EARTH WALL SYSTEMS at _____ Per Square Foot				
8031000A	436	TURF TYPE TALL FESCUE SODDING at _____ Per Square Yard				

Total Bid: | | |

SECTION 620 – PAVEMENT MARKING

Pavement markings shall comply with Section 620.70 Epoxy Pavement Marking Material of the Missouri Department of Transportation Standard Specifications, amended as follows:

620.70.2 Material. Add the following:

620.70.2.1 Epoxy Types. The Contractor may use either "Type A" (slow-cure) or "Type B" (fast-cure) epoxy marking material, as defined in Section 1048.10 of the St. Louis County Standard Specifications and as approved by the Director of Public Works.

620.70.2.2 No Track Time. "Type A" material shall have a no-track time between 10 and 45 minutes, and "Type B" material shall have a no-track time of 10 minutes or less, when mixed in the proper proportions and applied at 25 mils (0.625 mm) wet film thickness at 75^{o} (+/- 2^{o}) F (24^{o} +/- 1^{o} C) with the proper application of glass beads and when tested in accordance with ASTM D 711. The materail shall fully cure under a constant surface temperature of 32^{o} F (0^{o} C) or above.

NOTICE TO CONTRACTORS

Sealed bids, addressed to the City of Creve Coeur, 300 North New Ballas, Creve Coeur, Missouri 63141 for the proposed work will be received by the City of Creve Coeur until 10:00 A.M. (prevailing local time) on July 31, 2014, at the office of the City of Creve Coeur, 300 North new Ballas, Creve Coeur, Missouri 63141, and at that time will be publicly opened. Bids should be delivered to:

City of Creve Coeur
300 North New Ballas
Creve Coeur, MO 63141

(1) PROPOSED WORK: The proposed work, hereinafter called the work, includes:

The scope of work includes full depth asphalt repairs, asphalt milling and overlay, removal and replacement of concrete sidewalk and driveway aprons, and ADA curb ramp construction. The project limits generally extend along Graeser Road from Ladue Road to Olive Boulevard, for a length of approximately 1.25 miles.

(2) COMPLIANCE WITH CONTRACT PROVISIONS: The bidder, having examined and being familiar with the local conditions affecting the work, and with the contract, contract documents, including the Missouri Highways and Transportation Commission's "Missouri Standard Specifications for Highway Construction, 2011," and "St. Louis County Department of Highways and Traffic, Standard Specifications for Highway Construction" (if applicable), their revisions, and the request for bid, including appendices, the special provisions and plans, hereby proposes to furnish all labor, materials, equipment, services, etc., required for the performance and completion of the work. All references are to the Missouri Standard Specifications for Highway Construction, as revised, unless otherwise noted.

St. Louis County Department of Highways and Traffic Standard Drawings can be found at the following web page: http://www.stlouisco.com/PropertyandRoads/HighwayPublicationsManuals/StandardDrawings

The following documents are available on the Missouri Department of Transportation web page at www.modot.mo.gov under "Business with MoDOT" “Standards and Specifications”. The effective version shall be determined by the letting date of the project.

- General Provisions & Supplemental Specifications

These supplemental bidding documents contain all current revisions to the bound printed versions and have important legal consequences. It shall be conclusively presumed that they are in the bidder's possession, and they have been reviewed and used by the bidder in the preparation of any bid submitted on this project.

Please note that within the above-listed documents, the term “Commission” shall be replaced with the term, “City of Creve Coeur”, and the term “Engineer” is a reference to the Engineer of Record from Grove Design Group LLC.

(3) PERIOD OF PERFORMANCE: If the bid is accepted, the bidder agrees that work shall be diligently prosecuted at such rate and in such manner as, in the judgment of the engineer, is necessary for the completion of the work within the time specified as follows in accordance with Sec 108:

Calendar Days: 250

(4) ~~LIQUIDATED DAMAGES:~~ The bidder agrees that, should the bidder fail to complete the work in the time specified or such additional time as may be allowed by the engineer under the contract, the amount of liquidated damages to be recovered in accordance with Sec 108 shall be as follows:

Liquidated damages per day $950.00

ITEM #405001A – TYPE "C" BITUMINOUS PAVEMENT
ITEM #4053030 – TYPE "X" BITUMINOUS PAVEMENT

Work under this item shall conform to the applicable provisions of Section 405 of the St. Louis County Standard Specifications, amended as follows:

Section 405.1 Description. Add the following:

405.1.2 The work shall include the application of bituminous pavement for both the specified surface paving course and any required leveling course, as indicated in the typical section for the roadway and as ordered by the Director of Public Works. Pavement for leveling course may be required to provide a smooth base suitable to receive the geosynthetic interlayer.

405.1.3 The work shall also include quality-control inspection and testing of the hot mix asphalt during production and placement, and coordination of such efforts with the City and its representatives, as determined by the Director of Public Works, and as described in Section 405.15 below.

Section 405.3 Composition of Mixtures. Add the following:

405.3.4 Substitutions. The Contractor may suggest a comparable mix design, such as Superpave, as a substitute for the specified Type "C" Bituminous Pavement. Any substitution must be reviewed and approved by the Director of Public Works prior to use for the Work.

Section 405.4 Job Mix Formula. Replace section 405.4.3.3 with the following:

405.4.3.3 Time Limit. The mix design(s) proposed for the Work must be submitted for approval prior to construction. The approval for a mix design expires with the acceptance of the Work.

Section 405.5 Control of Mixing. Revised as follows:

Delete Section 405.5.5 Mix Design Expiration Time Limit in its entirety.

Section 405.10 Paving Procedures. Add the following:

405.10.2.1 Type "C" bituminous pavement shall be the mixture used for bituminous pavement leveling course, unless otherwise specified by the Director of Public Works.

405.10.3 Test Strips. Pavement test strips will be required as described in Section 404.11 of the Standard Specifications, with the following modificaitons:

Section 404.11.1 Description. Add the following:

404.11.1.1 The pavement test strip requirement may be waived based upon the City's past positive experience with the Contractor or based upon the Contractor's positive references, as determined by the Director of Public Works.

Section 404.11.4. Add the following:

404.11.4.1 Should the Director of Public Works determine that the failed test strip must be removed, then all materials associated with the failed test strip shall be removed by the Contractor and shall become the property of the Contractor. These materials shall be hauled away from the project site and shall be properly disposed by the Contractor at his expense.

Section 404.11.5. Delete this section in its entirety and replace it with the following:

404.11.5 Accepted test strips meeting density and gradation requirements for the bituminous pavement specified will be measured and paid for according to the bituminous pavement specified. No payment will be made for test strips required as a result of a Contractor-initiated change in job mix formula, compaction method, compaction

equipment, or if unacceptable results occur, as determined by the Director of Public Works.

Section 404.11.7 Basis of Payment. Delete this section in its entirety.

Section 405.11 Compaction. Add the following:

405.11.1 Joint Compaction. Pavement joints shall be constructed in accordance with Section 404.23 (Joints) of the Standard Specifications and shall meet the density requirements of Section 404.17.7 (Joint Density) of the Standard Specifications.

Add the following:

Section 405.14 Compensation for Thickness Deficiencies (Full-Depth Bituminous Concrete Construction and Bituminous Overlays). Compensation penalties for deficient pavement thickness shall be made in accordance with Section 404.28 of the Standard Specifications.

Section 405.15 Quality Control. The Contractor shall be responsible to assure the quality of all materials and construction incorporated into the Work, including such quality control (QC) functions as inspection, sampling, and testing of hot mix asphalt during both production and placement.

The Contractor shall maintain equipment and qualified personnel to perform QC inspection, sampling, and testing in accordance with this specification. A QC plan may be required, if determined necessary by the Director of Public Works.

The Contractor shall propose an independent third party for dispute resolution. This proposal shall be submitted with the proposed job mix formula.

404.15.1 Mixture Testing. The Contractor shall test the mixture at least once during the Work to ensure that the gradation, deleterious content, and asphalt content meet the specifications. The Contractor shall provide these test results to the Director of Public Works immediately and in a clear and organized report.

405.15.2 Retained Samples. The Contractor shall retain one half of the Contractor's samples for gradation, deleterious content, plasticity index, and asphalt content, and all pavement cores, for possible testing by the City's materials inspection and testing personnel and/or an independent third party agreed to by the Contractor and the City. The Contractor shall retain these samples for a minimum of seven (7) days after the testing has been completed and the results have been reviewed, verified (if necessary), and accepted by the Director of Public Works.

405.15.3 Pavement Testing. During Construction, the City will designate as many tests as necessary to ensoure that the pavement course is being constructed to the proper thickness, compositon, and density so to produce a smooth, dense, and uniform pavement mat. The maximum theoretical density shown on the job mix formula shall be used in making this determination. Samples (a minimum 4-inch-diameter cores) shall be taken for the full depth of the pavement layer to be tested. The Contractor shall restore the surface from which the samples have been taken immediately with the mixture under production or with a cold patch mixture acceptable to the Director of Public Works.

405.15.3.1 Density Sample. If only cores are used for mat and joint density determination, then a set of cores are required every 2,000 lane-feet of production. These cores will be sampled in accordance with St. Louis County Test Method QA-29 – Obtaining Drilled Cores of Asphalt. At least one set of core samples will be taken for each day's production. The City reserves the right to require additoinal core samples should the Director of Public Works find such sampling necessary or convenient.

405.15.3.2 Nuclear Density Correlation. At least one set of cores will berequired for each mixture used so that nuclear density gauges can be properly callibrated. Cores used to establish a nuclear gauge correction factor shall be taken in a number designated by the Engineer, and each set of six (6) cores or fraction thereof shall be considered a sample. The Contractor shall coordinate this work in a manner that traffic shall be prohibited from traveling on the pavement until after the nuclear test pattern has been performed and that area is cored and the pavement is repaired. Initial nuclear gauge test results, without a correlation with cores, shall not imply acceptance by the City. The nuclear gauge is required to be correlated with core densities that are taken from the same location as was the nuclear gauge pattern readings were performed. This shall be done for each different mix design that is used.

405.15.3.3 Nuclear Density Testing Frequency. When a nuclear density guage is used, no less than one (1) set of nuclear readings (12 mat and 3 per unconfined joint) shall be taken every 1,000 lane feet per day of paving, or some fraction thereof, as determined by the Director of Public Works.

405.15.3.4 Payment for Quality Control. No direct payment shall be made for the Contractor's quality control measures and responsibilities. All expenses related to quality control shall be considered incidental to the various pavement items.

405.15.3.5 Daily Penalty for Density Sample Non-Delivery. If the sample(s) are not cut and delivered as stated herein, the asphalt laydown operation shall be suspended, and a deduction of five percent (5%) per day of the contract unit price for the represented material may be applied as a penalty, until the samples are cut, tested, and the results delivered to the Director of Public Works.

Section 405.16 Asphalt Price Indexing. The Contractor may, at the time of bidding, indicate that he wishes to subject the contract unit price for bituminous pavement items to fluctuation in accordance with the Asphalt Index as published by the Missouri Department of Transportation (MoDOT).

405.16.1 The Contractor shall indicate on the Aphalt Price Index Agreement his intent regarding participation in the asphalt price indexing. The Contractor's designation on the Aphalt Price Index Agreement will be accepted as part of the contract, and the Contractor will have no opportunity to "opt in" or "opt out" of the asphalt price indexing once the bids have been opened and accepted by the City.

405.16.2 Plant mix bituminous base, plant mix bituminous pavement, plant mix btuminous leveling, commercial mix, asphaltic concrete, and ultrathin bonded asphalt wearing surface that contain PG64-22, PG70-22, or PG76-22 are all eligible for price adjustment using the asphalt price index.

405.16.3 The intent of the specificatoin is that the adjustment should be made for all asphalt mix placed during the month after the date the index is posted. For example, if the index is posted on March 20, 2015, the index would be applied to all asphalt mix placed and accepted during the period of April 1, 2015 through April 30, 2015.

405.16.4 The asphalt price adjustment applies only to the virgin asphalt cement actually placed and accepted. The percent asphalt cement in the job mix formula should be used for the calculation, unless the change in the target asphalt cement amount mandates a field mix redesign. The asphalt cement contribution of reclaimed asphalt pavement (RAP) shall be excluded from the calculation.

405.16.5 The asphalt price adjustment shall be calculated using the following formula:

A = (B x C) x (D - E), where:

A = Adjustment for mix placed during the monthly average index period
B = Tons of mix placed during the monthly average index period
C = Percent of virgin asphalt binder (as listed in the job mix formula)
D = Monthly average price of mix at time of mix placement
E = Monthly average price of mix at time of bid

405.16.5.1 Asphalt price index data can be found on the MoDOT website at:

http://www.modot.mo.gov/business/contractor_resources/bid_opening_info/bidGenInfo.shtml. Select "Asphalt Price Index" from the Special Notices section.

405.16.5.2 The monthly average price of mix at the time of bid shall be that of July 2014, or $590.00. Therefore, in the equation above, E = $590.00.

405.16.5.3 Example calculations for the asphalt price adjustment can be found on the MoDOT website at:

http://epg.modot.org/files/e/ed/Asphalt_Cement_Price_Index_Example_Calculations.pdf

405.16.6 Escalation increase or decrease in the per liquid ton of asphalt binder will not be included in determining the award of the Contract.

ITEM NO.	DESCRIPTION	UNIT
405001A	TYPE "C" BITUMINOUS PAVEMENT	TON
4053030	TYPE "X" BITUMINOUS PAVEMENT	TON

ASPHALT PRICE INDEX AGREEMENT

Project: Graeser Road Resurfacing Project [STP-5526(638)]
Ladue Road to Olive Boulevard
Creve Coeur, Missouri

The undersigned hereby declares to the City of Creve Coeur that the Bidder intends the following (please choose one) regarding the bid items listed below:

Item 405001A Type "C" Bituminous Pavement
Item 4053030 Type "X" Bituminous Pavement

☐ The Bidder **WILL** allow the asphalt price index to influence the price of these two (2) items in this Contract.

☐ The Bidder **WILL NOT** allow the asphalt price index to influence the price of these two (2) items in this Contract.

Details regarding the asphalt price index can be found beginning on page TS-14 of this Project Manual.

The undersigned certifies that he/she understands that this agreement is binding and will likely impact the price of bituminous pavement items included in this Contract.

Signature of Representative:

_____

Print Name and Title of Representative:

_____

Corporate Seal of the Company:

	REQUEST FOR INFORMATION #1	**CONTRACTOR:** To Be Determined	
		REQUESTER: Pre-Bid Meeting	**RFI DATE:** 7/23/2014
PROJECT NAME: Graeser Road Resurfacing Project Ladue Road to Olive Boulevard		**DESIGN FIRM:** Grove Design Group City of Creve Coeur	
PROJECT NUMBER: STP-5526(638)	**ROJECT MANAGER:** Matt Wohlberg	**RFI RESPONDER(S):** Matt Wohlberg	**RESPONSE DATE:** 7/25/2014

REQUESTED INFORMATION/CLARIFICATION:

QUESTION #1:

Clarify intent of the "longitudinal channelizing device" indicated on the Sidewalk Detour detail shown on Sheet C-3.0 of the Construction Plans.

RESPONSE #1:

The longitudinal channelizing device (or pedestrian barricade) must meet the requirements stated in note #8 of the Sidewalk Detour detail and as described on page 17 of the revised ADA Checklist (Section XX of the Bid Documents), as provided in Addendum #2.

QUESTION #2:

Is the Sidewalk Detour shown on Sheet C-3.0 of the Construction Plans necessary?

RESPONSE #2:

The detail illustrates what the City perceives will be the most demanding sidewalk detour in terms of labor, equipment, materials, and time. While the City anticipates that the sidewalk detour shown will be necessary, the City is also willing to consider alternate traffic control proposals. For example, the pedestrian detour could be located on the east side of the sidewalk, provided that sufficient signage, barricades, and walking surface are provided and the terrain and right of way accommodate such a detour. The Contractor and the City can discuss the apparent options for each detour upon review of the Contractor's traffic control proposal.

QUESTION #3:

Will it be possible to close all or a portion of the sidewalk along Graeser Road for the duration of the sidewalk work?

RESPONSE #3:

No: the sidewalk cannot be closed to pedestrian traffic without providing an alternate and accessible route. Simply closing the sidewalk could be considered discriminatory toward pedestrians, particularly the disabled, and would violate the various provisions of the Bid Documents that require that access is maintained to all properties throughout the project.

QUESTION #4:

Clarify the intent of Item #2051010 Modified Subgrade.

RESPONSE #4:

The Modified Subgrade item is intended to address unsuitable materials that are found below the depth of repair involved with Item #613550A Full-Depth Patch Repair. The scope of the Full-Depth Patch Repair involves excavation of up to 12" below the bottom of the existing asphalt pavement of Graeser Road. The Modified Subgrade item would be used to address unsuitable material below this depth and would be used as directed (See Section 613.54.2 Subgrade Preparation in the Technical Specifications.)

	REQUEST FOR INFORMATION #1	**CONTRACTOR:** To Be Determined	
		REQUESTER: Pre-Bid Meeting	**RFI DATE:** 7/23/2014
PROJECT NAME: Graeser Road Resurfacing Project Ladue Road to Olive Boulevard		**DESIGN FIRM:** Grove Design Group City of Creve Coeur	
PROJECT NUMBER: STP-5526(638)	**ROJECT MANAGER:** Matt Wohlberg	**RFI RESPONDER(S):** Matt Wohlberg	**RESPONSE DATE:** 7/25/2014

REQUESTED INFORMATION/CLARIFICATION (CONTINUED):

QUESTION #5:

Clarify the intent of the notes on the Construction Plans regarding adjustment of inlet stones to meet ADA compliance and Item #6042020 Adjusting Basin or Inlet [Inlet Stone].

RESPONSE #5:

The intent of this item is to provide for minor adjustments to inlet stones that are used as part of the pedestrian path in order to achieve compliance with accessibility standards to the greatest extent practicable. Minor adjustments could include resetting an inlet stone to a more compliant slope through the use of mortar or similar method. The scope of this work will not include adding or significantly modifying structure rings or risers.

In the example of the inlet in the sidewalk just north of Ladue Road, alternate plans for accessibility compliance should be considered, including routing the sidewalk on the east side of the inlet stone.

QUESTION #6:

Discuss the intent for the sidewalk work proposed at the northwest corner of Graeser Road and Martin Grove Lane, as shown on Sheet C-1.6 of the Construction Plans.

RESPONSE #6:

The intent for this work is to connect the existing sidewalk on Martin Grove Lane to the existing sidewalk on Graeser Road, and the City prefers that the necessary crosswalk line up with the ramp at the southeast corner of Winfield Pointe Lane (north) and Graeser Road. However, the City is not interested in removing the existing tree at the northwest corner of Martin Grove and Graeser, as is implied to accommodate the detail shown on Sheet C-2.3 of the Construction Plans, unless no other option is found to achieve an accessible path.

As stated in the note for this work on Sheet C-1.6 of the Construction Plans, the Contractor and the City will need to work together to determine a feasible and accessible solution to this corner. The proposed option does not appear to be the only solution. For example, the City would consider a plan to move the proposed crossing to extend east from the northwest corner of Martin Grove and Graeser to a new ramp in the Graeser Road sidewalk.