CITY OF
CHESTERFIELD
MISSOURI

ADDENDUM NO. 2

Wilson Avenue Improvement Project
2021-PW-14

Addendum Number 2, attached, is hereby issued. The bidder shall acknowledge receipt of this addendum on as indicated by Item 13 in the Notice to Contractors.

December 10, 2025
Department of Public Works
City of Chesterfield, Missouri

ADDENDUM NO. 2
Wilson Avenue Improvement Project
2021-PW-14
December 10, 2025

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents issued on November 13, 2025, as set forth below. All bidders shall acknowledge receipt of this addendum as indicated by Item 13 in the Notice to Contractors. Failure to acknowledge receipt of this Addendum may subject Bidder to disqualification.

A copy of the non-mandatory pre-bid meeting agenda/minutes and sign in sheet are attached.

The Contract Documents and Specifications are hereby revised as indicated below:

Section, Location	Change
Itemized Bid Form Page 1:	Replace the page in its entirety. 1. Revised quantity for “Type 5 Aggregate for Base (4 IN. Thick)” under Roadway Items. 2. Revised quantity for “Bituminous Pavement Mixture PG64-22 (Base)” under Roadway Items
Plan Sheet No. 3 Summary of Quantities Sheet 1 of 2:	Replace the plan sheet in its entirety. 1. Revised quantity for “Type 5 Aggregate for Base (4 IN. Thick)”. 2. Revised quantity for “Bituminous Pavement Mixture PG64-22 (Base)”.
Plan Sheet No. 8 Schedules Sheet 1 of 4:	Replace the plan sheet in its entirety. 1. Revised quantity for “Type 5 Aggregate for Base (4 IN. Thick)” under Pavement for Station 117+50 to 128+41. 2. Revised quantity for “Bituminous Pavement Mixture PG64-22 (Base)” under Pavement for Station 117+50 to 128+41.
JSP L, page JSP 17:	Replace JSP L PERMITS in its entirety. 1. Addition of “…Missouri Department of Natural Resources.” in the first sentence.

JSP U, page JSP 22 : Replace JSP U REQUIRED CLEARANCE FOR BORROW AREA in its entirety.

1. Remove “Jefferson County” and replace with “City of Chesterfield” in the 3rd sentence of the first paragraph.

Attachments:
Itemized Bid Form Page 1
Plan Sheet No. 3 Summary of Quantities Sheet 1 of 2
Plan Sheet No. 8 Schedules Sheet 1 of 4
JSP L
JSP U
Pre-Bid Meeting Agenda Including Question and Answers, Boring Map and Boring Logs
Pre-Bid Meeting Sign In Sheet

Wilson Avenue Improvement Project - STBG 5410(634)

Itemized Bid Form

Contractor's Name _____

Contractor's Address _____ City _____ State _____ Zip Code _____

Local Public Agency: CITY OF CHESTERFIELD

County: CITY OF CHESTERFIELD

Route(s) (Street/Road Name): WILSON AVENUE

Schedule for Single Bid

(For complete information covering these items, see plans and specifications)

Item Number	Items	Unit	Quantity	Unit Price	Total
	ROADWAY ITEMS				
201-30.00	CLEARING AND GRUBBING	ACRE	1		
202-20.10	REMOVAL OF IMPROVEMENTS	LS	1		
203-10.00	CLASS A EXCAVATION	CUYD	5,734		
203-55.00	EMBANKMENT IN PLACE	CUYD	10,122		
203-60.00	COMPACTING EMBANKMENT	CUYD	4,300		
203-70.75	COMPACTING IN CUT	STA	7.8		
203-99.07	REMOVE AND REPLACE UNSUITABLE MATERIAL	CUYD	100		
206-30.00	CLASS 3 EXCAVATION	CUYD	756		
206-33.00	CLASS 4 EXCAVATION	CUYD	589		
~~206-99.01~~	~~DEWATERING~~	~~LS~~	1		
REVISED 304-05.04	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	SQYD	8034 ~~10,216~~		
~~310-10.02~~	~~GRAVEL (A)~~	~~TONS~~	200.0		
~~401-12.09~~	~~BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)~~	~~TONS~~	982.1		
REVISED 401-30.00	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	TONS	3023.3 ~~4,026.9~~		
~~401-99.10~~	~~BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE) (4 IN. THICK)~~	~~TONS~~	217.9		
407-10.05	TACK COAT	GAL	455		
603-99.02	ADJUST WATER SERVICE METER AND VALVE BOX TO GRADE	EA	4		
604-12.01	SINGLE CURB INLET, UNTRAPPED	EA	2		
604-19.28	REINFORCED CONCRETE MANHOLE	EA	1		
604-20.10	ADJUSTING MANHOLE	EA	2		
604-20.20	ADJUSTING BASIN OR INLET	EA	3		
604-99.02	ADJUSTING AT&T MANHOLE TO GRADE	EA	1		
606-10.60	MGS GUARDRAIL	LF	738		
606-10.80	MGS END ANCHOR	EA	2		
606-30.14	TYPE A CRASHWORTHY END TERMINAL (MASH)	EA	2		
607-10.60	PEDESTRIAN FENCE (STRUCTURES)	LF	72		
607-11.02	MODIFIED CONCRETE GUTTER TYPE B	LF	248		
607-99.03	ORNAMENTAL STEEL FENCE (48")	LF	248		
608-50.08	PAVED APPROACH, 8 IN.	SQYD	89.3		
609-10.10	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	LF	526		
609-10.51	CURB AND GUTTER TYPE A	LF	232		
609-60.40A	FURNISHING TYPE 4 ROCK DITCH LINER	CUYD	1,819		
609-60.44	PLACING TYPE 4 ROCK DITCH LINER	CUYD	1,819		
609-60.50	BEDDING MATERIAL FOR ROCK DITCH LINER	CUYD	728		

TS	CODE NO.	SPEC.	ITEM	UNIT	TOTAL QUANTITY
	2013000	MODOT	CLEARING AND GRUBBING	ACRE	1
*	2022010	MODOT	REMOVAL OF IMPROVEMENTS	LS	1
	2031000	MODOT	CLASS A EXCAVATION	CUYD	5,734
	2035500	MODOT	EMBANKMENT IN PLACE	CUYD	10,122
	2036000	MODOT	COMPACTING EMBANKMENT	CUYD	4,300
	2037075	MODOT	COMPACTING IN CUT	STA	7.8
*	2039907	MODOT	REMOVE AND REPLACE UNSUITABLE MATERIAL	CUYD	100
	2063000	MODOT	CLASS 3 EXCAVATION	CUYD	756
	2063300	MODOT	CLASS 4 EXCAVATION	CUYD	589
*	2069901	MODOT	DEWATERING REVISED	LS	1
	3040504	MODOT	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	SQYD	~~12,317~~ 10,135
	3101002	MODOT	GRAVEL (A)	TONS	200.0
	4011209	MODOT	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1) REVISED	TONS	1,429.6
	4013000	MODOT	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	TONS	~~4,026.9~~ 3,023.3
	4019910	MODOT	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE) (4 IN. THICK)	TONS	217.9
	4071005	MODOT	TACK COAT	GAL	455
*	6039902	MODOT	ADJUST WATER SERVICE METER AND VALVE BOX TO GRADE	EA	4
	6041201	MSD	SINGLE CURB INLET, UNTRAPPED	EA	2
	6041928	MSD	REINFORCED CONCRETE MANHOLE	EA	1
	6042010	MSD	ADJUSTING MANHOLE	EA	2
	6042020	MSD	ADJUSTING BASIN OR INLET	EA	3
*	6049902	MODOT	ADJUSTING AT&T MANHOLE TO GRADE	EA	1
	6061060	MODOT	MGS GUARDRAIL	LF	738
	6061080	MODOT	MGS END ANCHOR	EA	2
	6063014	MODOT	TYPE A CRASHWORTHY END TERMINAL (MASH)	EA	2
*	6071060	MODOT	PEDESTRIAN FENCE (STRUCTURES)	LF	72
	6071102	MODOT	MODIFIED CONCRETE GUTTER TYPE B	LF	248
*	6079903	MODOT	ORNAMENTAL STEEL FENCE (48")	LF	248

TS	CODE NO.	SPEC.	ITEM	UNIT	TOTAL QUANTITY
	6081010	MODOT	CONCRETE CURB RAMP	SQYD	50.3
*	6081012	MODOT	TRUNCATED DOMES	SQFT	73
	6085008	MODOT	PAVED APPROACH, 8 IN.	SQYD	89.3
	6086004	MODOT	CONCRETE SIDEWALK, 4 IN.	SQYD	33.0
	6091010	MODOT	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	LF	526
	6091051	MODOT	CURB AND GUTTER TYPE A	LF	232
	6096040A	MODOT	FURNISHING TYPE 4 ROCK DITCH LINER	CUYD	1,819
	6096044	MODOT	PLACING TYPE 4 ROCK DITCH LINER	CUYD	1,819
	6096050	MODOT	BEDDING MATERIAL FOR ROCK DITCH LINER	CUYD	728
	6113010	MODOT	FURNISHING TYPE 1 ROCK BLANKET	CUYD	174
	6113020	MODOT	FURNISHING TYPE 2 ROCK BLANKET	CUYD	516
	6113030	MODOT	PLACING TYPE 1 ROCK BLANKET	CUYD	174
	6113040	MODOT	PLACING TYPE 2 ROCK BLANKET	CUYD	516
*	6139905	MODOT	PAVEMENT PATCHING	SQYD	24
	6161099	MODOT	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED	EA	2
*	6169901	MODOT	TEMPORARY TRAFFIC CONTROL	LS	1
	6181000	MODOT	MOBILIZATION	LS	1
*	6199903	MODOT	PERMANENT ASPHALT EDGE TREATMENT	LF	2,182
	6200015	MODOT	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	LF	132
	6205301B	MODOT	TEMPORARY REMOVABLE MARKING TAPE 4 IN., WHITE	LF	6,145
	6205303B	MODOT	TEMPORARY REMOVABLE MARKING TAPE 4 IN., YELLOW	LF	5,645
	6205309	MODOT	TEMPORARY REMOVABLE MARKING TAPE, 24 IN., WHITE	LF	42
	6206000C	MODOT	4 IN. WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	LF	6,145
	6206001C	MODOT	4 IN. YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	LF	5,645
	6221001	MODOT	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	SQYD	2,184
	6240103A	MODOT	PERMANENT EROSION CONTROL GEOTEXTILE	SQYD	3,459
*	6249905	MODOT	NON-WOVEN GEOTEXTILE FABRIC	SQYD	6,490
	6274000	MODOT	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER PE-2006012366
PROFESSIONAL ENGINEER

DATE PREPARED
9/24/2025

DISTRICT SL | STATE MO

SHEET NO.
3

COUNTY
ST. LOUIS

ROUTE
WILSON AVENUE

FEDERAL AID NO.
STBG-5410(634)

PROJECT NO.
2021-PW-14

MSD PROJECT NO.
23MSD-00301

DATE	DESCRIPTION
12/10/25	Revised per Addendum No. 2

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

OATES ASSOCIATES
ST. LOUIS, Suite 700
720 Olive, Suite 700
St. Louis, MO 63101
tel 314.588.8381
MISSOURI DESIGN FIRM
LICENSE NO. 001166
MISSOURI LAND SURVEY CORP
LICENSE NO. 000275

CITY OF CHESTERFIELD MISSOURI
690 CHESTERFIELD PARKWAY WEST
CHESTERFIELD, MO 63017
PHONE: 636-537-4000
FAX: 636-537-4798
EMAIL: info@chesterfield.mo.us

SUMMARY OF QUANTITIES
SHEET 1 OF 2

REMOVAL OF IMPROVEMENTS

STATION	STATION	OFFSET	PAVEMENT REMOVAL (SQ YD)	TEMPORARY PAVEMENT REMOVAL (SQ YD)	ENTRANCE REMOVAL (SQ YD)	SIDEWALK REMOVAL (SQ YD)	STORM SEWER REMOVAL (ALL SIZES) (LF)	CURB REMOVAL (LF)	BOX CULVERT REMOVAL (EA)	SIGN REMOVAL (EA)	POST, POLE, AND HYDRANT REMOVAL (EA)	FENCE REMOVAL (LF)
WILSON AVENUE												
100+12	104+25	LT/RT	1343		28	59	50	274		11	5	12
104+25	108+50	LT/RT	1008		327		42			7	4	
108+50	111+00	LT/RT	698		56				1	8	1	
111+00	117+50	LT/RT	1758							7	5	144
117+50	128+41	LT/RT										
123+35	124+14	LT		1007								
TOTAL			4807	1007	411	59	92	274	1	33	15	156

PAVEMENT

REVISED

REVISED

STATION	STATION	OFFSET	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1) (TONS)	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE) (TONS)	TACK COAT (GAL)	PERMANENT ASPHALT EDGE TREATMENT (LF)	PAVEMENT PATCHING (SQYD)	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS) (SQYD)	NON-WOVEN GEOTEXTILE FABRIC (SQYD)
WILSON AVENUE										
100+12	104+25	LT/RT	1570	170	722.3	79				1570
103+19	104+11	RT	301	32.5	122	15				301
104+25	108+50	LT/RT	1417	153.3	651.6	71				1417
108+50	111+00	LT/RT	832	90.1	382.8	42				832
111+00	117+50	LT/RT	2123	229.7	976.3	107				2123
115+79	116+54	RT	247	26.8	100.4	12				247
117+50	128+41	LT/RT	~~2182~~	236.1	~~1003.9~~	109	2182		2184	
121+39	121+51	LT/RT						24		
TOTAL			~~8672~~ 6490	938.5	~~3959~~ 2955.4	435	2182	24	2184	6490

SIDEWALK

STATION	STATION	OFFSET	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1) (TONS)	CONCRETE CURB RAMP (SQYD)	TRUNCATED DOMES (SQFT)	CONCRETE SIDEWALK, 4 IN. (SQYD)
SHARED-USE PATH							
10+00	10+94	LT/RT	77	16.7		16	
30+00	40+45	LT/RT	929	201	19.3	25	
WILSON AVENUE							
100+12	104+25	LT/RT	95	13.4	31	16	33
104+25	108+50	LT	370	80.1			
108+50	111+00	LT	216	46.8			
111+00	117+50	LT	414	89.5		16	
TOTAL			2101	447.5	50.3	73	33

ENTRANCE

STATION	STATION	OFFSET	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	GRAVEL (A) * (TONS)	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1) (TONS)	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE) (TONS)	TACK COAT (GAL)	PAVED APPROACH, 8 IN. (SQYD)
WILSON AVENUE								
102+84	103+23	LT	53	30	5.8	5.8	3	26.5
105+72	105+04	LT	202	100	21.8	36.3	10	33.9
108+51	108+79	LT	148	70	16.0	25.8	7	28.9
TOTAL			403	200	43.6	67.9	20	89.3

ENTRANCE NOTES:

* ASSUMED QUANTITY

EARTHWORK

STATION	STATION	CLASS A EXCAVATION (CUYD)	EMBANKMENT IN PLACE (CUYD)	COMPACTING EMBANKMENT (CUYD)	COMPACTING IN CUT (STA)	REMOVE AND REPLACE UNSUITABLE MATERIAL * (CUYD)
SHARED-USE PATH						
10+00	10+86	12		9	0.4	
30+00	40+45	453	31	340	5.3	
WILSON AVENUE						
100+12	128+41	5268	10091	3951	2.1	100
TOTAL		5734	10122	4300	7.8	100

EARTHWORK NOTES:

1. ESTIMATED SHRINKAGE FACTOR = 25%.

* ASSUMED QUANTITY

MICHAEL D. BUSCH
NUMBER PE-2006012366
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
9/24/2025

DISTRICT SL | STATE MO

SHEET NO.
8

COUNTY
ST. LOUIS

ROUTE
WILSON AVENUE

FEDERAL AID NO.
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PROJECT NO.
2021-PW-14

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DATE	DESCRIPTION
12/10/25	Revised per Addendum No. 2

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OATES ASSOCIATES
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720 Olive, Suite 700
St. Louis, MO 63101
tel 314.588.8381

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SCHEDULES
SHEET 1 OF 4

pedestrian heads, detectible warning systems and temporary traffic control measures that are completed during the current estimate period as approved by the engineer. Based upon completion of the ADA Checklist, the contractor shall complete any necessary adjustments to items deemed non-compliant as directed by the engineer.

5.1 No direct payment will be made to the contractor to recover the cost of equipment, labor, materials, or time required to fulfill the above provisions, unless specified elsewhere in the contract documents.

K. Shop Drawing Submittals

The Contractor shall submit shop drawings of the following items according to the General Conditions of the project.

Mix Designs
Type 5 Aggregate Base
Parcel 1 Shed Protection Plan
Box Culvert Items (all)
Frames, Grates, and Lids
Truncated Domes
Geotextile Fabric
Guardrail
Fence (all)
Retaining Walls
Bollards / Gate
Native Seed Mix
Parcel 12 Landscaping items

Submit shop drawings for review and approval to:

Mr. Jeff Paskiewicz
City of Chesterfield
690 Chesterfield Parkway West
Chesterfield, MO 63017
jpaskiewicz@chesterfield.mo.us

A maximum of two reviews by the Engineer will be provided for each shop drawing submittal.

L. Permits

The Contractor shall be responsible for obtaining all required permits for the project, including St. Louis County, MSD, and Missouri Department of Natural Resources. Costs for all permits shall be included in the costs for the various bid items and will not be measured separately.

personnel. Testing will be done at every location as designated by the Engineer and at a minimum frequency.

2.0 The Contractor shall provide notification that testing is required at least 24 hours in advance of when the field testing is required to allow for proper scheduling and shall take necessary measures to ensure materials incorporated into the project meet or exceed all materials testing requirements. Work required to correct failing tests is the responsibility of the Contractor and is incidental to the project.

3.0 No direct pay shall be provided for any labor, equipment, time, or materials necessary to complete this work. The Contractor shall have no claim, or basis for any claim or suit whatsoever, resulting from compliance with this provision.

T. Mailboxes

1.0 This work shall consist of furnishing all labor, material and equipment necessary for the coordination of mail service with USPS during construction, the relocation, removal, and replacement of existing mailboxes, and the installation and any necessary relocation of temporary mailboxes during construction.

2.0 Contractor must coordinate with the USPS to ensure that mail delivery is not interrupted on any parcel during the project. The Contractor may be required to provide temporary mailboxes during construction to ensure no interruption in mail delivery. If temporary mailboxes are required the Contractor will be responsible for procuring, installing and maintaining. Temporary mailboxes shall be set on a separate post/stand so that it can be moved during construction as necessary and as required by USPS. Each temporary mailbox shall be clearly marked with the applicable house number. Temporary and relocated mailboxes shall be provided on or directly in front of each residence in a location accessible to USPS vehicles.

3.0 Final installation or re-installation of the existing or replacement mailboxes shall be done in accordance with the USPS Mailbox Guidelines for Installing a New Mailbox. Reinstallation of the permanent mailboxes will be done in such a manner that the mail box is in equal or better condition than at the beginning of construction.

4.0 No direct payment will be made for completing this work; as it will be considered incidental to the Clearing and Grubbing pay item.

U. Required Clearances For Borrow Areas

The necessary clearances for contractor furnished borrow areas shall be obtained prior to using the borrow area for the project. The Contractor is encouraged to consider using material from previously disturbed locations (substantial disturbance) or borrow areas that have previously been cleared, precluding the need to address most, if not all, of the issues described below. Written proof of MoDNR clearance of the contractor selected borrow area must be provided to the City of Chesterfield Department of Public Works PRIOR to obtaining material. The contractor should include the Federal Project Number on all correspondence. The following addresses the primary environmental issues related to clearance of borrow areas:

1. ENDANGERED SPECIES ACT

Pre-Bid Meeting
Wilson Ave. Improvement Project
2021-PW-14
Federal #STBG-5410(634)

December 3, 2025
10:00 A.M.
Chesterfield City Hall

GENERAL ITEMS

1. Attendance Sheet
2. Project Overview
    - Federally funded project.
    - Reconstruction of Wilson Ave, from Wildhorse Creek Road to a point south of Walnut Hill Farm Drive, a distance of approximately 2,829 feet.
    - New asphalt pavement, cast in place box culvert, storm sewers, shared use path, and retaining wall.
    - Mill and over lay from Walnut Hill Farm Drive south approximately 1,200 feet.
    - Staged construction will be necessary with construction of a temporary connection to Baxter Crossing Lane and detour.
3. Project Contact
    - City of Chesterfield
        - Jeff Paskiewicz, PE
        - 636-537-4759
        - jpaskiewicz@chesterfield.mo.us
4. Bidding and Award
    - Schedule
        - Bids Due and Bid Opening: 10:00 a.m. December 16, 2025, City of Chesterfield City Hall
        - Project will be awarded to the lowest, responsive, and responsible bidder with MoDOT concurrence.
        - Notice of Award: Tentatively January 21, 2026 (pending City Council Schedule)
        - Notice to Proceed Tentatively February 11, 2026
        - Tree Clearing Complete prior to March 31, 2026
        - Time of Completion 360 calendar days, February 2027
5. Bid Submittal
    - Federally funded project

  - Bidders List Quote Summary for must be submitted with bid.
  - Prevailing wage
  - Asphalt Cement Price Index. Box must be check if contractor chooses to accept this provision.
  - Must be on MoDOT's Approved Prime Contractors List
  - 10-hour OSHA
  - DBE: 0% participation goal
  - Trainees: 0 Slots at 1,000 hours per slot or 0 hours
  - Buy America
- See the Bidder's Checklist in the Bid Packet
- Any addenda will be emailed, posted to MoDOT's bidding website and the City's website. You will be asked to confirm receipt of any and all addenda.

CONSTRUCTION

6. Work Hours
   - 7:00 a.m. to 6:00 p.m. Monday through Friday and 7:30 to 5:00 p.m. on Saturday. Work hour restrictions include equipment startup, deliveries, and loading/unloading equipment.
7. Construction Phasing
   - Plans depict 4 suggested stages of construction.
   - Temporary connection to Baxter Crossing Lane with detour constructed with Phase 1.
   - Cast in place box culvert.
   - Detour route and signage.
   - Portions of Wilson Avenue will be closed at different times based on stages. Access will need to be maintained
8. TS A Removal of Improvements
   - Existing pavement can be utilized for fill provided it is sufficiently broken up.
9. TS I Pavement Patching
   - Storm sewer crossing that has been patched in the future will receive full depth removal and replacement prior to overlay. See Plan Sheet 41
10. JSP U Required Clearances for Borrow Areas
    - Erroneous reference to Jefferson County Department of Public Works, should reference City of Chesterfield.

11. Permits, JSP L
    - St. Louis County – Right-of-Way/Construction
    - MSD – Construction
    - MoDNR – Land Disturbance
12. Staging/Storage Area, See JSP V
    - Gravel area on the east side of Edison Ave. just south of existing box culvert south of project limits.
13. Utility relocates
    - Ameren
        - Relocation work to be completed prior to construction start.
    - Charter
        - Relocation work to be completed prior to construction start.
    - Missouri American Water Company (MAWC)
        - Due to the new road alignment, it will be necessary for MAWC to complete a portion of their relocation during suggested Stage 3 of the project. See JSP M. Calendar days will be suspended for up to 30 Days, but contractor may continue to work on items that do no impact MAWC's operations.
    - AT&T
        - Relocation work to be completed prior to construction start.
    - Spire
        - Relocation work to be completed prior to construction start.
14. Surveying
    - Construction staking is the Contractor's responsibility. Direct pay for this work.
    - MSD as-built drawings. Covered by TS M. Direct pay for this work.
15. Special Conditions
    - All tree clearing must be completed prior to March 31, 2026
    - 16822 Wildhorse Creek Road (Parcel 1), See JSP Q.
        - All work located in the temporary construction easement on this property must be completed in 8 months after notification of start of

work on this property. Start of work includes tree clearing. Work located on Parcel 1 is included in Stage 2.

- Existing shed located near proposed retaining wall must be protected, See TS R.

- 1224 Wilson Ave (Parcel 3), See JSP Q
  - Coordination with owner, to the extent it doesn't affect project schedule, so they can make a sanitary sewer connection prior to driveway paving.

16. Materials Testing and Construction Inspection
    - Testing will be provided by the City of Chesterfield
    - Oates and Associates will provide construction inspection and materials testing.
17. Bidder Questions
    - Is the engineer's estimate available for the project?
      - **Answer: The City cannot share the engineer's estimate. There are federal funds in this project and in accordance with MoDOT's EPG Section 136.9.5 and 136.7.4 the estimate is confidential and cannot be provided.**
    - Will a pre-cast culvert be considered for the box culvert?
      - **Answer: No, a precast culvert will not be considered for this project. Bidders should bid the project as a cast in place culvert as indicated in the specifications.**
    - Is there any soil boring information available in the area of the proposed retaining wall located adjacent to 16822 Wildhorse Creek Road (Parcel 1)?
      - **Answer: During the early design phase, the City had borings taken along the roadway centerline. A map of the boring locations and boring logs will be provided with these meeting notes by way of an addendum. As indicated in Technical Specification N, the contractor will be responsible for any additional geotechnical investigations required for design of the retaining wall.**
    - With the anticipated completion date for this project being February 2027, this is approximately 3 months after the end of the 2026 asphalt paving and striping season and approximately 2 months prior to the 2027 season. With the final lift of asphalt and striping being ideally one of the last steps, will the city take time of year into consideration for asphalt and striping operations when assessing chargeable days, or will the contractor be expected to have these items complete prior to the end of the 2026 paving and striping season?

  - **Answer: It is expected that the paving and striping will be completed prior to the end of the 2026 paving season. Temperature specification will need to be met for all paving and striping operations.**

- Would Redi Rock be an acceptable supplier for the proposed large block retaining wall?
  - **Answer: As indicated in the specifications, the large block retaining wall should be designed assuming no geogrid or soil reinforcement due to right of way restrictions and potential utility conflicts. The supplier must be listed on MoDOT's Bridge Pre-Qualified Products List and approved by the Engineer. Redi Rock is an approved supplier as identified on MoDOT's list.**

- On plan sheet No. 8, Schedules Sheet 1 of 4, there are quantities indicated from Station 117+50 to 128+41 in the amount of 2,182 SY of type 5 base and 1,003.6 Tons of Base Asphalt. Based on the typical sections provided in the plans this area is only to receive a 2" mill and fill. Please clarify if this area is to receive a 2" mill and fill or full depth removal and replacement.
  - **Answer: Between Stations 117+50 and 128+41 the road is to receive a 2" mill and fill. The quantities included on the original plan sheets and itemized bid form were incorrect. Revised plan sheets and itemized bid form will be issued by way of an addendum.**

GENERAL NOTES/LEGEND

APPROXIMATE SOIL BORING LOCATIONS

AERIAL PHOTOGR.STL_Co_roads) FROM ARCGIS ONLINE, WORLD IMAGERY.

DIMENSIONS AND LOCATIONS ARE APPROXIMATE; ACTUAL MAY VARY. DRAWING SHALL NOT BE USED OUTSIDE THE CONTEXT OF THE REPORT FOR WHICH IT WAS GENERATED.

PROJECT NAME

WILSON AVENUE CULVERT REPLACEMENT
CHESTERFIELD, MISSOURI

AERIAL PHOTOGRAPH

JOB NUMBER	2014-0139.11
DATE	07/2022
DRAWN BY	JTM
CHECKED BY	PP
FIGURE	2

SCI ENGINEERING, INC.
130 Point West Boulevard
St. Charles, Missouri 63301
636-949-8200
www.sciengineering.com

BORING LOG LEGEND AND NOMENCLATURE

Depth is in feet below ground surface. **Elevation** is in feet mean sea level, site datum, or as otherwise noted.

Sample Type

- **SS** Split-spoon sample, disturbed, obtained by driving a 2-inch-O.D. split-spoon sampler (ASTM D 1586).
- **NX** Diamond core bit, nominal 2-inch-diameter rock sample (ASTM D 2113).
- **ST** Thin-walled (Shelby) tube sample, relatively undisturbed, obtained by pushing a 3-inch-diameter, tube (ASTM D 1587).
- **CS** Continuous sample tube system, relatively undisturbed, obtained by split-barrel sampler in conjunction with auger advancement.
- **SV** Shear vane, field test to determine strength of cohesive soil by pushing or driving a 2-inch-diameter vane, and then shearing by torquing soil in existing and remolded states (ASTM D 2573).
- **BS** Bag sample, disturbed, obtained from cuttings.

Recovery is expressed as a ratio of the length recovered to the total length pushed, driven, cored.

Blows Numbers indicate blows per 6 inches of split-spoon sampler penetration when driven with a 140-pound hammer falling freely 30 inches. The number of total blows obtained for the second and third 6-inch increments is the N value (Standard Penetration Test or SPT) in blows per foot (ASTM D 1586). Practical refusal is considered to be 50 or more blows without achieving 6 inches of penetration, and is expressed as a ratio of 50 to actual penetration, e.g., 50/2 (50 blows for 2 inches).

For analysis, the N value is used when obtained by a cathead and rope system. When obtained by an automatic hammer, the N value may be increased by a factor of 1.3.

Vane Shear Strength is expressed as the peak strength (existing state) / the residual strength (remolded state).

Description indicates soil constituents and other classification characteristics (ASTM D 2488) and the Unified Soil Classification (ASTM D 2487). Secondary soil constituents (expressed as a percentage) are described as follows:

Trace	<5
Few	5-15
With	>15-30

Stratigraphic Breaks may be observed or interpreted, and are indicated by a dashed line. Transition between described materials may be gradual.

Laboratory Test Results

- Natural moisture content (ASTM D 2216) in percent.
- Dry density in pounds per cubic foot (pcf).
- Hand penetrometer value of apparently intact cohesive sample in kips per square foot (ksf).
- Unconfined compressive strength (ASTM D 2166) in kips per square foot (ksf).
- Liquid and Plastic Limits (ASTM D 4318) in percent.

RQD (Rock Quality Designation) is the ratio between the total length of core segments 4 inches or more in length and the total length of core drilled. RQD (expressed as a percentage) indicates insitu rock quality as follows:

Excellent	90 to 100
Good	75 to 90
Fair	50 to 75
Poor	25 to 50
Very Poor	0 to 25

BORING LOG

PROJECT Wilson Avenue Culvert Replacement
LOCATION Chesterfield, Missouri
DRILLER Midwest Drilling, Inc. **HAMMER** Auto
EQUIPMENT CME-750 w/CFA **ELEVATION** 509± **DATE DRILLED** 02/28/2022
STATION 101+27 **OFFSET** 5' LT

BORING NUMBER B-1
SHEET 1 **of** 2
PROJECT NO. 2014-0139.11

DEPTH (ft)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (in/in)	SAMPLE BLOWS (per 6 in)	DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (pcf)	LAB: HAND PENETROMETER (ksf)	LAB: UNCONFINED COMPRESSIVE STRENGTH (ksf)	LAB: LIQUID LIMIT	LAB: PLASTICITY INDEX	ELEVATION (ft)
					5" ASPHALTIC CONCRETE									
					5" CRUSHED ROCK									
	1	SS	5/18	7 6 4	FILL: Brown, fat clay, with crushed rock			13		6.5				507
3					LEAN CLAY (CL): Brown, with fine to coarse-grained sand									
	2	SS	12/18	3 3 4				23		2.5				504
6	3	ST	24/24		SANDY LEAN CLAY (CL): Brown, sand is fine to coarse-grained		1	9	87					
					SILTY SAND (SM): Brown, sand is fine-grained									501
9	4	SS	10/18	3 3 5				20		--				
														498
12					SILT (ML): Brown									
	5	SS	10/18	3 4 5				15		1.0				495
15					LEAN CLAY (CL): Brown, with fine-grained sand									
														492
18														
	6	SS	11/18	3 3 4				14		2.5				

WATER LEVEL:
X **NONE OBSERVED WHILE DRILLING**
____ **ft WHILE DRILLING**
____ **ft AT COMPLETION OF DRILLING**
____ **ft** ____ **HRS AFTER DRILLING**

REMARKS:
1) Sample not cohesive enough for meaningful strength testing.

BORING LOG

PROJECT Wilson Avenue Culvert Replacement
LOCATION Chesterfield, Missouri
DRILLER Midwest Drilling, Inc. **HAMMER** Auto
EQUIPMENT CME-750 w/CFA **ELEVATION** 509± **DATE DRILLED** 02/28/2022
STATION 101+27 **OFFSET** 5' LT

BORING NUMBER B-1
SHEET 2 **of** 2
PROJECT NO. 2014-0139.11

DEPTH (ft)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (in/in)	SAMPLE BLOWS (per 6 in)	DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (pcf)	LAB: HAND PENETROMETER (ksf)	LAB: UNCONFINED COMPRESSIVE STRENGTH (ksf)	LAB: LIQUID LIMIT	LAB: PLASTICITY INDEX	ELEVATION (ft)
21					LEAN CLAY (CL): Brown, with fine-grained sand *(Continued)*									486
24	7	SS	18/18	2 3 3				21		1.5				
					Boring terminated at 25 feet.									483
27														480
30														477
33														474
36														471
39														

WATER LEVEL:
X NONE OBSERVED WHILE DRILLING
____ ft WHILE DRILLING
____ ft AT COMPLETION OF DRILLING
____ ft ____ HRS AFTER DRILLING

REMARKS:

BORING LOG

PROJECT Wilson Avenue Culvert Replacement
LOCATION Chesterfield, Missouri
DRILLER Midwest Drilling, Inc. **HAMMER** Auto
EQUIPMENT CME-750 w/CFA **ELEVATION** 492±
STATION 104+15 **OFFSET** 5' LT

BORING NUMBER B-2
SHEET 1 **of** 2
PROJECT NO. 2014-0139.11
DATE DRILLED 02/28/2022

DEPTH (ft)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (in/in)	SAMPLE BLOWS (per 6 in)	DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (pcf)	LAB: HAND PENETROMETER (ksf)	LAB: UNCONFINED COMPRESSIVE STRENGTH (ksf)	LAB: LIQUID LIMIT	LAB: PLASTICITY INDEX	ELEVATION (ft)
					6" ASPHALTIC CONCRETE									
					4" CRUSHED AGGREGATE									
	1	SS	15/18	13 8 6	FILL: Brown, lean clay, with fine to coarse-grained sand and fine chert gravel			16		7.5				
3					SILT (ML): Brown, some fine-grained sand									489
	2	SS	12/18	2 3 4				21		1.0				
					SILTY SAND (SM): Brown, sand is fine-grained									
6	3	SS	10/18	4 5 4				5		--				486
					SILT (ML): Brown, with fine-grained sand									
9	4	SS	15/18	3 4 4				15		--				483
12	5	ST	24/24		CLAYEY SAND (SC): Brown, sand is fine-grained			21	101		2.0			480
	6	SS	12/18	4 3 3				27		<0.5				
15					LEAN CLAY (CL): Brown, some fine gravel									477
					Becomes gray, some fine-grained sand, with lean clay seams									
18														474
	7	SS	15/18	2 3 3				27		<0.5				

WATER LEVEL:

	NONE OBSERVED WHILE DRILLING
17.0	ft WHILE DRILLING
	ft AT COMPLETION OF DRILLING
	ft ___ HRS AFTER DRILLING

REMARKS:

BORING LOG

PROJECT Wilson Avenue Culvert Replacement
LOCATION Chesterfield, Missouri
DRILLER Midwest Drilling, Inc.
EQUIPMENT CME-750 w/CFA
STATION 104+15
HAMMER Auto
ELEVATION 492±
OFFSET 5' LT
BORING NUMBER B-2
SHEET 2 **of** 2
PROJECT NO. 2014-0139.11
DATE DRILLED 02/28/2022

DEPTH (ft)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (in/in)	SAMPLE BLOWS (per 6 in)	DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (pcf)	LAB: HAND PENETROMETER (ksf)	LAB: UNCONFINED COMPRESSIVE STRENGTH (ksf)	LAB: LIQUID LIMIT	LAB: PLASTICITY INDEX	ELEVATION (ft)
21					LEAN CLAY (CL): Brown, some fine gravel *(Continued)*									471
24	8	SS	18/18	2 3 3				29		1.0				468
					Boring terminated at 25 feet.									
27														465
30														462
33														459
36														456
39														453

WATER LEVEL:

	NONE OBSERVED WHILE DRILLING
17.0	ft WHILE DRILLING
	ft AT COMPLETION OF DRILLING
	ft ___ HRS AFTER DRILLING

REMARKS:

BORING LOG

PROJECT Wilson Avenue Culvert Replacement
LOCATION Chesterfield, Missouri
DRILLER SCI Engineering, Inc. **HAMMER** N/A
EQUIPMENT Vertek S4 CPT w/Discrete Sampler **ELEVATION** 479± **DATE DRILLED** 02/28/2022
STATION 107+85 **OFFSET** 56' LT

BORING NUMBER B-3
SHEET 1 **of** 1
PROJECT NO. 2014-0139.11

DEPTH (ft)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (in/in)	SAMPLE BLOWS (per 6 in)	DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (pcf)	LAB: HAND PENETROMETER (ksf)	LAB: UNCONFINED COMPRESSIVE STRENGTH (ksf)	LAB: LIQUID LIMIT	LAB: PLASTICITY INDEX	ELEVATION (ft)
					3" TOPSOIL									
					LEAN CLAY (CL): Brown, some fine to coarse-grained sand, trace organics			27		1.0				
	1	DP	48/48		With fine to coarse-grained sand									477
3					No organics			25		3.0				
					FAT CLAY (CH): Brown									
					Boring terminated at 4 feet.									474
6														
														471
9														
														468
12														
														465
15														
														462
18														

WATER LEVEL:
_____ NONE OBSERVED WHILE DRILLING
_____ ft WHILE DRILLING
_____ ft AT COMPLETION OF DRILLING
_____ ft ____ HRS AFTER DRILLING

REMARKS:

BORING LOG

PROJECT Wilson Avenue Culvert Replacement
LOCATION Chesterfield, Missouri
DRILLER SCI Engineering, Inc.
EQUIPMENT Vertek S4 CPT w/Discrete Sampler
STATION 109+12
HAMMER N/A
ELEVATION 474±
OFFSET 97' LT

BORING NUMBER B-4
SHEET 1 **of** 1
PROJECT NO. 2014-0139.11
DATE DRILLED 02/28/2022

DEPTH (ft)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (in/in)	SAMPLE BLOWS (per 6 in)	DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS: MOISTURE CONTENT (%)	DRY DENSITY (pcf)	HAND PENETROMETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX	ELEVATION (ft)
					FILL: Poorly-graded gravel									
					LEAN CLAY (CL): Gray			21		5.0				
	1	DP	48/48		Becomes brown, trace fine to coarse-grained sand									
3					Becomes grayish-brown, no sand			25		3.5				471
					Boring terminated at 4 feet.									
6														468
9														465
12														462
15														459
18														456

WATER LEVEL:
_____ NONE OBSERVED WHILE DRILLING
_____ ft WHILE DRILLING
_____ ft AT COMPLETION OF DRILLING
_____ ft ____ HRS AFTER DRILLING

REMARKS:

BORING LOG

PROJECT Wilson Avenue Culvert Replacement
LOCATION Chesterfield, Missouri
DRILLER Midwest Drilling, Inc.
EQUIPMENT CME-750 w/CFA
STATION 110+32
HAMMER Auto
ELEVATION 477±
OFFSET 91' LT
BORING NUMBER B-5
SHEET 1 **of** 1
PROJECT NO. 2014-0139.11
DATE DRILLED 02/28/2022

DEPTH (ft)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (in/in)	SAMPLE BLOWS (per 6 in)	DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (pcf)	LAB: HAND PENETROMETER (ksf)	LAB: UNCONFINED COMPRESSIVE STRENGTH (ksf)	LAB: LIQUID LIMIT	LAB: PLASTICITY INDEX	ELEVATION (ft)
					7" ASPHALTIC CONCRETE									
					5" MILLINGS		1							
	1	SS	14/18	9 5 4	FILL: Brownish-gray, lean clay			25		5.0		31	12	
3					LEAN CLAY (CL): Brown, with gray									474
	2	SS	12/18	2 2 2			2	27		1.0		35	11	
					Becomes brown									
6														471
	3	SS	18/18	2 3 3				24		1.5				
					Becomes brown, with gray									
9	4	SS	18/18	3 3 4				26		2.0				468
					Boring terminated at 10 feet.									
12														465
15														462
18														459

WATER LEVEL:

	NONE OBSERVED WHILE DRILLING
6.0	ft WHILE DRILLING
	ft AT COMPLETION OF DRILLING
	ft ___ HRS AFTER DRILLING

REMARKS:
1) Percent passing the No. 200 sieve: 93.1%
2) Percent passing the No. 200 sieve: 85.6%

BORING LOG

PROJECT Wilson Avenue Culvert Replacement
LOCATION Chesterfield, Missouri
DRILLER Midwest Drilling, Inc.
EQUIPMENT CME-750 w/CFA
STATION 113+22
HAMMER Auto
ELEVATION 481±
OFFSET 36' LT
BORING NUMBER B-6
SHEET 1 **of** 1
PROJECT NO. 2014-0139.11
DATE DRILLED 02/28/2022

DEPTH (ft)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (in/in)	SAMPLE BLOWS (per 6 in)	DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (pcf)	LAB: HAND PENETROMETER (ksf)	LAB: UNCONFINED COMPRESSIVE STRENGTH (ksf)	LAB: LIQUID LIMIT	LAB: PLASTICITY INDEX	ELEVATION (ft)
					6" ASPHALTIC CONCRETE									
					4" CRUSHED ROCK									
	1	SS	12/18	9 6 9	FILL: Brown, lean clay, with fine-grained sand, trace fine gravel		1	19		5.5		29	12	480
3					LEAN CLAY (CL): Brown									
	2	SS	18/18	2 3 3				25		2.5		32	14	477
					FAT CLAY (CH): Brown, trace gray									
6	3	SS	18/18	3 3 4				25		2.5				474
					Becomes brown, with gray, trace fine chert gravel									
9	4	SS	12/18	3 4 4				26		2.0				471
					Boring terminated at 10 feet.									
12														468
15														465
18														462

WATER LEVEL:

	NONE OBSERVED WHILE DRILLING
8.0	ft WHILE DRILLING
	ft AT COMPLETION OF DRILLING
	ft ___ HRS AFTER DRILLING

REMARKS:
1) Percent passing the No. 200 sieve: 40.5%

CITY OF CHESTERFIELD MISSOURI

Pre-Bid Meeting
Wilson Ave. Improvement Project
2021-PW-14, STBG-5410(634)

Date: 12/3/25
Time: 10:00 AM
Location: City of Chesterfield City Hall

#	NAME	COMPANY	ADDRESS	PHONE	EMAIL
1	Jeff Paskiewicz	City of Chesterfield	690 Chesterfield Parkway W., Chesterfield MO 63017	636-537-4759	jpaskiewicz@chesterfield.mo.us
2	Chris Ehlen	Gershenson	2 Truitt Dr Eureka Mo 63025	636.535.4008	cehlen@Gershenson.com
3	Colton Kiefer	West	18679 US Hwy 66 Pacific Mo	814-486-3785	CKiefer@NBWest.com
4	Jim Schaefer	Pace	1620 Woodson Rd St Louis	314-220-5698	JSchaefer@Pace Construction.com
5	Mike Busch	Oates & Associates		314-588-8381	Mike.Busch@OatesAssociates.com
6					
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Pre-Bid Meeting
Wilson Ave. Improvement Project
2021-PW-14, STBG-5410(634)

Date: 12/3/25
Time: 10:00 AM
Location: City of Chesterfield City Hall

#	NAME	COMPANY	ADDRESS	PHONE	EMAIL
21	Ed VonGruben	Kelpe Contracting, Inc	17955 Manchester Rd	314 809 4748	evongruben@kelpe.com
22	Angela Fletcher	Kelpe Contracting, Inc	"	636-893-4644	AFletcher@kelpe.com
23	Zach Wolff	City of Chesterfield		636-537-4757	zwolff@chesterfield.mo.us
24					
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