



CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
CITY ENGINEERING DIVISION

COLEMAN A. YOUNG MUNICIPAL CENTER
2 WOODWARD AVE. SUITE 601
DETROIT, MICHIGAN 48226
PHONE: (313) 224-3949 • TTY:711
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WWW.DETROITMI.GOV

May 4th, 2023

Honorable City Council:

RE: Transfer of Jurisdiction Agreement with MDOT regarding Randolph Street between Gratiot Avenue and East Jefferson Avenue.

The City of Detroit ("CITY") has negotiated an agreement with the Michigan Department of Transportation ("MDOT"), MDOT NO. 2023-0241, that will result in the transfer of jurisdiction of Randolph Street, between Gratiot Avenue and East Jefferson Avenue, from MDOT to the CITY.

Randolph Street, identified in the Transfer of Jurisdiction Agreement as "The ROAD SEGMENT", is within the CITY boundary and is no longer functioning as a State Trunkline. MDOT is willing to transfer jurisdictional control of the ROAD SEGMENT to the CITY and the CITY is willing to accept control of the ROAD SEGMENT. This transfer of jurisdictional control of the ROAD SEGMENT will make this ROAD SEGMENT a City Major Road.

As part of the transfer, the CITY will assume the obligations for maintenance of the ROAD SEGMENT and perform work for improvements of the ROAD SEGMENT identified in the Transfer of Jurisdiction Agreement as the "PROJECT". MDOT agrees to pay a lump sum of \$7,609,203.68 to the CITY as an estimated cost to complete work on the PROJECT.

A resolution is attached for consideration by your Honorable Body.

Respectfully submitted,

Ron Brundidge, Director
Department of Public Works

Cc: Richard Doherty, P. E., City Engineer
Oladayo Akinyemi, DPW Deputy Director
Malik Washington, Mayor's Office

BY COUNCIL MEMBER _____

RESOLVED, in accordance with the foregoing communication, the Transfer of Jurisdiction Agreement Between Michigan Department of Transportation and City of Detroit, by and through the Department of Public Works, and the Michigan Department of Transportation, MDOT No. 2023-0241, is approved.

JURISDICTIONAL TRANSFER AGREEMENT
BETWEEN
MICHIGAN DEPARTMENT OF TRANSPORTATION AND
CITY OF DETROIT

This Agreement (“Agreement”) is entered into by and between the Michigan Department of Transportation (“MDOT”) and the City of Detroit, a Michigan municipal corporation acting by and through its Department of Public Works (“CITY”), for the purpose of permanently transferring legal jurisdiction of the road segment described in Attachment A, dated August 15, 2022, pages 1 through 2 (“ROAD SEGMENT”) from MDOT to the CITY. Collectively, these entities are referred to as the “Parties” and each as a “Party”.

The ROAD SEGMENT is within the CITY boundaries and is no longer functioning as a State Trunkline. MDOT is willing to transfer jurisdictional control of the ROAD SEGMENT to the CITY and the CITY is willing to accept jurisdiction of the ROAD SEGMENT. This transfer of jurisdictional control of the ROAD SEGMENT will make this ROAD SEGMENT a City Major Street.

The Parties intend this Agreement to transfer jurisdiction of the ROAD SEGMENT in return for a fixed lump sum amount of state funds as provided herein, which will be utilized by the CITY for the design and construction of improvements to the ROAD SEGMENT. The improvements will be for the renovation, repair and/or reconstruction of the ROAD SEGMENT and will meet or exceed the standard represented by the work items set forth in Attachment B, dated October 26, 2022, pages 1 through 13 (“PROJECT”).

No real property or real property interests are being transferred as part of this Agreement. Any breaks in limited access must be approved by the Federal Highway Administration (“FHWA”).

This Agreement is conditioned on the Detroit City Council’s adoption of a resolution approving the Agreement and this further conditioned on the Agreement being signed by all the parties thereto and in full force and effect.

NOW, THEREFORE, in consideration of the mutual undertakings of the parties and in conformity with applicable law, it is agreed as follows:

ARTICLE I – MDOT’S OBLIGATIONS

A. MDOT agrees:

1. To transfer jurisdictional control of the ROAD SEGMENT to the CITY and the CITY agrees to accept jurisdictional control of the ROAD SEGMENT, thereby making this ROAD SEGMENT a City Major Street.
2. To pay the amount of Seven Million Six Hundred Nine Thousand Two Hundred Three Dollars and Sixty-Eight Cents (\$7,609,203.68) to the CITY, such amount being the estimated cost of the PROJECT. Pursuant to Act 296, Public Acts of 1969, Section 8 (3) (a), this payment is made to the CITY so that the PROJECT will be undertaken by the CITY in lieu of being undertaken by MDOT. This payment will be disbursed to the CITY upon completion of any final administrative approvals necessary to authorize the release of funding and no later than ninety (90) days after the date of this Agreement.

ARTICLE II – CITY’S OBLIGATIONS

A. The CITY agrees:

1. To assume full jurisdictional control of the ROAD SEGMENT.
2. To perform maintenance of the ROAD SEGMENT for which jurisdictional control has been transferred to the CITY by this Agreement.
3. To perform the PROJECT work, meeting or exceeding the standards represented by the work items set forth in Attachment B.
4. To complete the PROJECT for the indicated cost of Seven Million Six Hundred Nine Thousand Two Hundred Three Dollars and Sixty-Eight Cents (\$7,609,203.68). The CITY will be responsible for all costs in excess of the MDOT funds as shown in Article I, Part A, subpart 2. Nothing in this Agreement will prevent the CITY from raising the standard of renovation, repair, and/or reconstruction represented by the PROJECT, so long as the minimum standard represented herein is met.

The CITY agrees that the costs incurred under this Agreement will represent only those items that are properly chargeable in accordance with this Agreement. The CITY also certifies that it has read the Agreement terms and

has made itself aware of the applicable laws, regulations, and terms of this Agreement that apply to the incurring of costs under the terms of this Agreement.

Allowable costs for PROJECT work include expenses incurred directly and indirectly for preliminary engineering; contracted construction, including the costs of advertising, letting, and awarding contract(s); and construction engineering, inspection, and testing.

5. To expend any excess funds that remain from the amount set forth in Article I, Part A, subpart 2, in accordance with the requirements of Act 51, Public Acts of 1951, Section 13, as amended.
6. To conduct and obtain at CITY expense any environmental reviews and clearances required by state or federal law for any work which exceeds the standard of renovation, repair, and/or reconstruction represented by the PROJECT.
7. That, if for any reason the PROJECT is not completed within five (5) years of the effective date of this Agreement, the CITY will promptly repay MDOT the total amount of funds set forth in Article I, Part A, subpart 2. Such repayment will have no effect on MDOT's obligations or the transfer of jurisdiction of the ROAD SEGMENT as set forth herein.
8. Upon completion of the PROJECT, to notify MDOT in writing of such PROJECT completion and include a statement of costs incurred.
9. With regard to audits and record-keeping,
 - a. The CITY will establish and maintain accurate records, in accordance with generally accepted accounting principles, of all expenses incurred for which payment is sought or made under this Agreement ("RECORDS"). Separate accounts will be established and maintained for all costs incurred under this Agreement.
 - b. The CITY will maintain the RECORDS for at least three (3) years from the date of PROJECT completion, as set forth in Article I, Part A, subpart 2 of this Agreement. In the event of a dispute with regard to the allowable expenses or any other issue under this Agreement, the CITY will thereafter continue to maintain the RECORDS at least until that dispute has been finally decided and the time for all available challenges or appeals of that decision has expired.

- c. MDOT or its representative may scan, inspect, copy, or audit the RECORDS at any reasonable time after giving reasonable notice.
 - d. If any part of the work is subcontracted, the CITY will assure compliance with subsections (a), (b), and (c) above for all subcontracted work.
10. In the event that an audit of the PROJECT performed by or on behalf of MDOT questions the allowability of an item of expense, MDOT will promptly submit to the CITY a Notice of Audit Results and a copy of the audit report, which may supplement or modify any tentative findings verbally communicated to the CITY at the completion of an audit.

Within sixty (60) days after the date of the Notice of Audit Results, the CITY will (a) respond in writing to the responsible MDOT Bureau indicating whether or not it concurs with the audit report, (b) clearly explain the nature and basis for any disagreement as to a disallowed item of expense, and (c) submit to MDOT a written explanation as to any questioned or no opinion expressed item of expense ("RESPONSE"). The RESPONSE will be clearly stated and will provide any supporting documentation necessary to resolve any disagreement or questioned or no opinion expressed item of expense. Where the documentation is voluminous, the CITY may supply appropriate excerpts and make alternate arrangements to conveniently and reasonably make that documentation available for review by MDOT. The RESPONSE will refer to and apply the language of the Agreement. The CITY agrees that failure to submit a RESPONSE within the sixty (60) day period constitutes agreement with any disallowance of an item of expense and authorizes MDOT to finally disallow any items of questioned or no opinion expressed cost.

MDOT will make its decision with regard to any Notice of Audit Results and RESPONSE within one hundred twenty (120) days after the date of the Notice of Audit Results. If an unallowable item of expense is found and MDOT determines that an overpayment has been made to the CITY, the CITY will repay that amount to MDOT or reach agreement with MDOT on a repayment schedule within thirty (30) days after the date of an invoice from MDOT. If the CITY fails to repay the overpayment or reach agreement with MDOT on a repayment schedule within the thirty (30) day period, the CITY agrees that MDOT will deduct all or a portion of the overpayment from any funds then or thereafter payable by MDOT to the CITY under this Agreement or any other agreement or payable to the CITY under the terms of 1951 PA 51, as applicable. Interest will be assessed on any partial payments or repayment schedules based on the unpaid balance at the end of each month until the balance is paid in full. The assessment of interest will begin thirty

(30) days from the date of the invoice. The rate of interest will be based on the Michigan Department of Treasury common cash funds interest earnings. The rate of interest will be reviewed annually by MDOT and adjusted as necessary based on the Michigan Department of Treasury common cash funds interest earnings. The CITY expressly consents to this withholding or offsetting of funds under those circumstances, reserving the right to file a lawsuit in the Court of Claims to contest MDOT's decision only as to any item of expense the disallowance of which was disputed by the CITY in a timely filed RESPONSE.

- B. Unless otherwise addressed by this Agreement, both parties agree that the transfer of jurisdictional control of the ROAD SEGMENT from MDOT to the CITY will include the transfer of utility, operational, and drainage permits, whether recorded or otherwise; all bridges, culverts, signs, signals, and/or other structures or traffic control devices; and any and all features and appurtenances now existing for highway purposes on and along the ROAD SEGMENT.
- C. The parties agree that the jurisdictional transfer of the ROAD SEGMENT complies with the provisions of MCC 247.851 et. seq.

ARTICLE III - MISCELLANEOUS

- A. Modification. This Agreement may be modified, in writing, upon mutual agreement by the Parties. Any modification must be signed by the authorized representative of each agency or his/her designee.
- B. Notice. All notices provided pursuant to this Agreement shall be in writing and directed to the parties at their addresses below.

MDOT: Attn: Director
Van Wagner Building
425 West Ottawa Street
Lansing, Michigan 48909

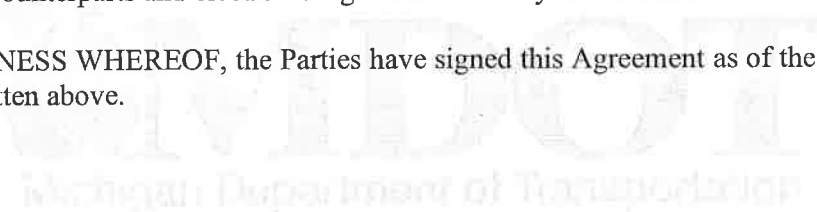
CITY: Attn: Director, Department of Public Works
Coleman A. Young Municipal Center
2 Woodward Avenue, Suite 611
Detroit Michigan 48226

- C. Authority. Each Party represents and warrants that such Party is duly formed and in good standing, has full authority to enter into this Agreement. This Agreement shall become binding on the Parties hereto and of full force and effect upon the signing thereof by the duly authorized official(s) for the CITY and for the MDOT; upon the adoption of a resolution of the Detroit City Council approving this Agreement and

authorizing the signatures thereto of the respective official(s) of the CITY, a certified copy of which resolution shall be attached to this Agreement; and with approval by the State Administrative Board and the State Transportation Commission, evidence of which shall also be attached to this Agreement.

- D. Merger. This Agreement, which includes the Attachments attached hereto and forming a part hereof, sets forth all the covenants, promises, agreements, conditions and understandings between and among the Parties concerning the subject matter of this Agreement. There are no covenants, promises, agreements, conditions or understandings, either oral or written, between them concerning the subject matter of this Agreement other than set forth in the Agreement. No alteration, amendment, change or addition to this Agreement shall be binding upon a Party unless reduced to writing and signed by such Party.
- E. Successors and Assigns. All rights and liabilities herein given to, or imposed upon, the respective Parties hereto shall extend to and bind the several respective successors and assigns of the said Parties.
- F. Counterparts and Electronic Signatures. This Agreement may be signed in counterparts and electronic signatures are fully enforceable.

IN WITNESS WHEREOF, the Parties have signed this Agreement as of the day and year first written above.



V. SIGNATURE

This Agreement is entered into upon signing by the duly authorized officials for the CITY and for MDOT.

CITY OF DETROIT

E-SIGNED by Ron Brundidge
on 2023-04-24 15:51:58 EDT

2023-04-24 15:51:58 UTC

Title: Director
Department of Public Works

Date

MICHIGAN DEPARTMENT OF TRANSPORTATION

E-SIGNED by Carol Rademacher
on 2023-04-26 08:09:53 EDT

2023-04-26 08:09:53 UTC

Title: Director
Michigan Department of Transportation

Date

Approved as to Legal Form
2-15-23 J.S.

ATTACHMENT A

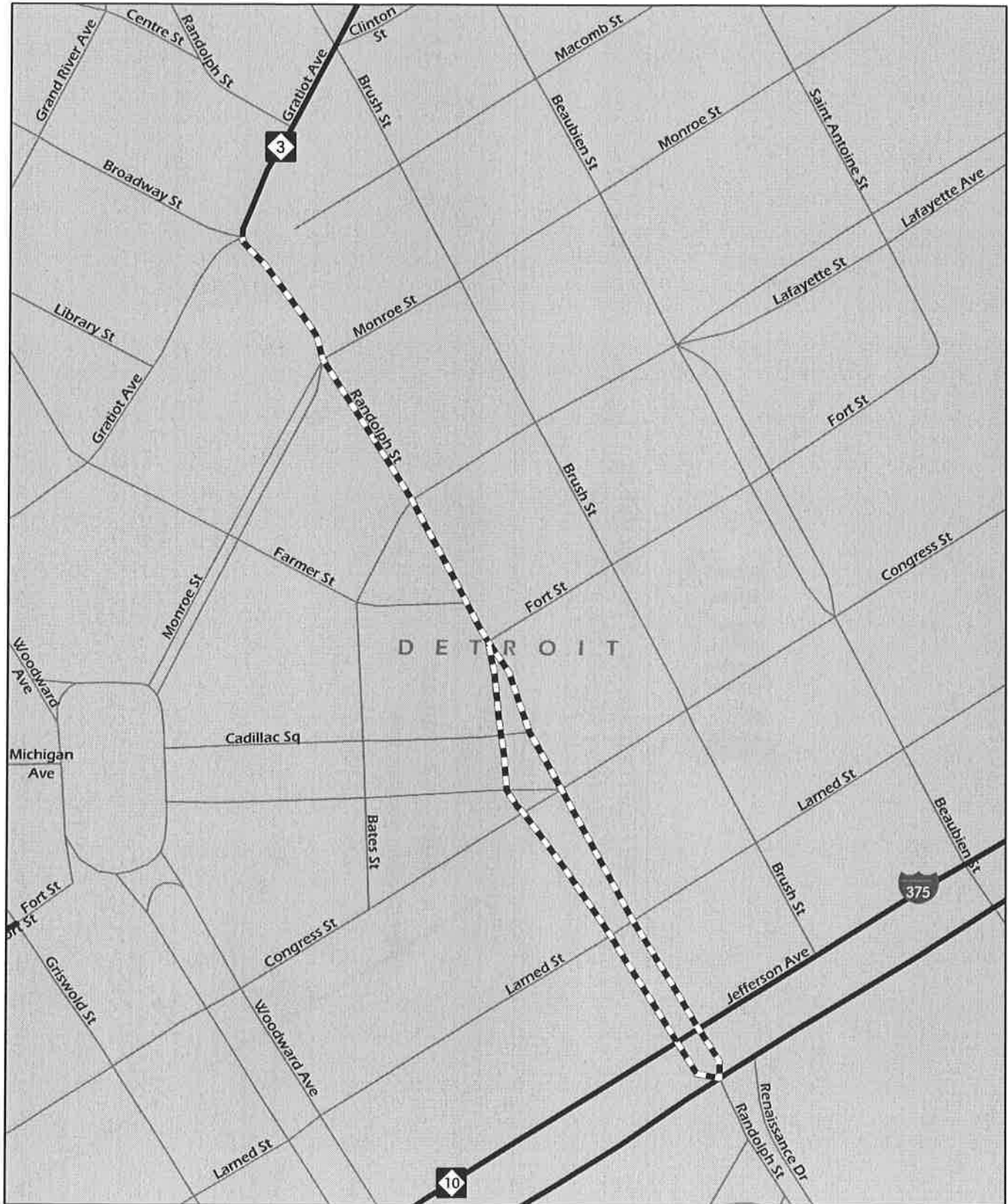
August 15, 2022

ROAD SEGMENT proposed for jurisdictional transfer from MDOT to the City of Detroit, to become a City Major Street:

M-3/Randolph St, from the centerline of eastbound Jefferson Ave to the centerline of Gratiot Ave, a distance of approximately 0.40 miles in Control Sections 82132 and 82072



Proposed Jurisdictional Transfer from MDOT to the City of Detroit



Attachment B
October 26, 2022



**Michigan Department of Transportation
Preliminary Project Detail Estimate**

Project ID: 201581

Project Description: Randolph TS

Spec Book: 20

Date Printed: 1/27/2023

Federal Project Number: Later



1/27/2023 2:38 PM

AASHTOWare Project™ Version 4.5 Revision 027

Preliminary Project Detail Estimate - Detail Estimate Cost Summary

Report v1

Project ID: 201581

Project Description: Randolph TS

List of Funds

Fund ID - Description	Fund Package ID	Total Fund Package Cost	CE Amount	Total	Funding Limit	Funding
FED1 - Federal	100	1,985,655.49	23,548.19	2,009,203.68		2,009,203.68
FED1 Totals		\$1,985,655.49	\$23,548.19	\$2,009,203.68		\$2,009,203.68
DETROI - City of Detroit	200	272,516.59	3,231.81	275,748.40		275,748.40
DETROI Totals		\$272,516.59	\$3,231.81	\$275,748.40		\$275,748.40
Project 201581 Totals		\$2,258,172.08	\$26,780.00	\$2,284,952.08		\$2,284,952.08

Total amount on page 13



Preliminary Project Detail Estimate - Detail Cost Estimate

Federal Project Number: Later

Project ID: 201581

Project Description: Randolph TS

List of Items

Line Num	Ref. ID	Description	Alt. Set	Alt. Member	Units	Quantity	Price	Ext. Amount	Fund Package ID	Flags*
Category ID: 0001 Catg Descr: Category 1										
0005	1077060	_ Reimbursed Permit Fees			Dir	1,000.000	1.00000	1,000.00	100	F L
0010	1100001	Mobilization, Max			LSUM	1.000	521,000.00000	521,000.00	100	L B
0015	2037001	_ Abandon Utility, Rem			Ft	100.000	25.00000	2,500.00	100	L
0020	2040020	Curb and Gutter, Rem			Ft	1,112.000	9.54000	10,608.48	100	L
0025	2040045	Masonry and Conc Structure, Rem			Cyd	8.000	132.13000	1,057.04	100	L
0030	2040055	Sidewalk, Rem			Syd	1,599.000	9.56000	15,286.44	100	L
0035	2040065	Track, Rem			Ft	150.000	17.36000	2,604.00	100	L
0040	2040080	Exploratory Investigation, Vertical			Ft	150.000	36.32000	5,448.00	100	L
0045	2050031	Non Haz Contaminated Material Handling and Disposal, LM			Cyd	50.000	50.83000	2,541.50	100	L
0050	2050148	Flowable Fill, Non-Structural			Cyd	5.000	328.90000	1,644.50	100	L
0055	2080020	Erosion Control, Inlet Protection, Fabric Drop			Ea	35.000	121.59000	4,255.65	100	L
0060	3020016	Aggregate Base, 6 inch			Syd	1,637.000	12.64000	20,691.68	100	L
0065	3020020	Aggregate Base, 8 inch			Syd	353.000	17.01000	6,004.53	100	L
0070	3060021	Maintenance Gravel, LM			Cyd	20.000	26.28000	525.60	100	L
0075	4030004	Dr Structure Cover, Adj, Case 1, Modified			Ea	14.000	1,021.82000	14,305.48	100	L



Preliminary Project Detail Estimate - Detail Cost Estimate

Project ID: 201581

Federal Project Number: Later

Project Description: Randolph TS

List of Items

Line Num	Ref. ID	Description	Alt. Set	Alt. Member	Units	Quantity	Price	Ext. Amount	Fund Package ID	Flags*
0080	4030280	Dr Structure, Adj, Add Depth			Ft	40.000	206.39000	8,255.60	100	L
0085	5010061	HMA Approach			Ton	120.000	143.65000	17,238.00	100	L
0090	6030030	Lane Tie, Epoxy Anchored			Ea	1,261.000	7.03000	8,864.83	100	L
0095	6030048	Pavt Repr, Nonreinf Conc, 10 inch			Syd	387.000	83.89000	32,465.43	100	L
0100	6030080	Pavt Repr, Rem			Syd	767.000	29.18000	22,381.06	100	L
0105	7180100	Obstruction Rem			Dlr	5,000.000	1.00000	5,000.00	100	F L
0110	8007050	_ Closed Circuit Television Camera, Rem and Salv			Ea	1.000	150.00000	150.00	100	L
0115	8007051	_ Vibration Monitoring			LSUM	1.000	25,000.00000	25,000.00	100	L B
0120	8007051	_ Vibration Monitoring, Utility			LSUM	1.000	25,000.00000	25,000.00	100	L B
0125	8020037	Curb and Gutter, Conc, Det F3			Ft	512.000	24.03000	12,303.36	100	L
0130	8030010	Detectable Warning Surface			Ft	276.000	40.56000	11,194.56	100	L
0135	8030030	Curb Ramp Opening, Conc			Ft	598.000	26.47000	15,829.06	100	L
0140	8032002	Curb Ramp, Conc, 6 inch			Sft	14,414.000	7.63000	109,978.82	100	L
0145	8100010	Band, Sign			Ea	65.000	55.95000	3,636.75	100	L
0150	8100371	Post, Steel, 3 pound			Ft	160.000	7.66000	1,225.60	100	L
0155	8100396	Sign, Type II, Erect, Salv			Ea	3.000	54.49000	163.47	100	L
0160	8100397	Sign, Type II, Rem			Ea	7.000	12.68000	88.76	100	L



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AASHTOWare Project™ Version 4.5 Revision 027

Report: v1

Preliminary Project Detail Estimate - Detail Cost Estimate

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List of Items

Line Num	Ref. ID	Description	Alt. Set	Alt. Member	Units	Quantity	Price	Ext. Amount	Fund Package ID	Flags*
0165	8100399	Sign, Type IIB			Sft	22,000	19,91000	438.02	100	L
0170	8100402	Sign, Type III, Erect, Salv			Ea	8,000	49,23000	393.84	100	L
0175	8100403	Sign, Type III, Rem			Ea	46,000	13,22000	608.12	100	L
0180	8100404	Sign, Type IIIA			Sft	24,000	17,33000	415.92	100	L
0185	8100405	Sign, Type IIIB			Sft	141,000	17,50000	2,467.50	100	L
0190	8102003	Sign, Type III, Rem, Salv			Ea	11,000	44,66000	491.26	100	L
0195	8102010	Ground Mtd Sign Support, Rem			Ea	11,000	29,40000	323.40	100	L
0200	8110110	Pavt Mrkg, Polyurea, 12 inch, Crosswalk			Ft	1,930,000	5,34000	10,306.20	100	L
0205	8110114	Pavt Mrkg, Polyurea, 24 inch, Stop Bar			Ft	166,000	11,61000	1,927.26	100	L
0210	8110343	Rem Spec Mrkg			Sft	2,077,000	2,71000	5,628.67	100	L
0215	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn			Ea	20,000	82,59000	1,651.80	100	L
0220	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper			Ea	20,000	3,26000	65.20	100	L
0225	8120026	Pedestrian Type II Barricade, Temp			Ea	25,000	99,75000	2,493.75	100	L
0230	8120027	Pedestrian Type II Channelizer, Temp			Ft	500,000	20,31000	10,155.00	100	L
0235	8120140	Lighted Arrow, Type C, Furn			Ea	4,000	398,19000	1,592.76	100	L
0240	8120141	Lighted Arrow, Type C, Oper			Ea	4,000	63,27000	253.08	100	L



Preliminary Project Detail Estimate - Detail Cost Estimate

Project ID: 201581

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List of Items

Line Num	Ref. ID	Description	Alt. Set	Alt. Member	Units	Quantity	Price	Ext. Amount	Fund Package ID	Flags*
0245	8120170	Minor Traf Devices			LSUM	1,000	205,000.00000	205,000.00	100	L B
0250	8120252	Plastic Drum, Fluorescent, Furn			Ea	200,000	22.37000	4,474.00	100	L
0255	8120253	Plastic Drum, Fluorescent, Oper			Ea	200,000	0.65000	130.00	100	L
0260	8120310	Sign Cover			Ea	20,000	21.48000	429.60	100	L
0265	8120350	Sign, Type B, Temp, Prismatic, Furn			Sft	1,372,000	3.41000	4,678.52	100	L
0270	8120351	Sign, Type B, Temp, Prismatic, Oper			Sft	1,372,000	0.56000	768.32	100	L
0275	8180001	Power Company (Estimated Cost to Contractor)			Dir	1,500,000	1.00000	1,500.00	100	F L
0280	8182048	Conduit, DB, 1, 1 1/2 inch			Ft	420,000	14.97000	6,287.40	100	L
0285	8182050	Conduit, DB, 1, 3 inch			Ft	1,005,000	21.25000	21,356.25	100	L
0290	8182053	Conduit, DB, 2, 3 inch			Ft	420,000	31.31000	13,150.20	100	L
0295	8182056	Conduit, DB, 3, 3 inch			Ft	190,000	44.67000	8,487.30	100	L
0300	8182059	Conduit, DB, 4, 3 inch			Ft	40,000	65.22000	2,608.80	100	L
0305	8182238	Cable, Sec, 600V, 1, 3/C#6			Ft	340,000	6.18000	2,101.20	100	L
0310	8182279	Cable, St Ltg, 2KV, 2, 1/C#2 and 1, #2 Neutral			Ft	400,000	6.00000	2,400.00	100	L
0315	8182309	Hh, Polymer Conc			Ea	8,000	1,026.87000	8,214.96	100	L
0320	8182310	Hh, Round			Ea	24,000	1,392.72000	33,425.28	100	L
0325	8182319	Hh, Round, 3 foot dia			Ea	3,000	2,653.12000	7,959.36	100	L



Preliminary Project Detail Estimate - Detail Cost Estimate

Federal Project Number: Later

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Project Description: Randolph TS

List of Items

Line Num	Ref. ID	Description	Alt. Set	Alt. Member	Units	Quantity	Price	Ext. Amount	Fund Package ID	Flags*
0330	8182328	Hh, Adj			Ea	1.000	442.99000	442.99	100	L
0335	8182330	Hh, Rem			Ea	2.000	230.12000	460.24	100	L
0340	8187001	_ Conduit, DB, 1, 1 inch			Ft	80.000	15.00000	1,200.00	100	L
0345	8187001	_ Conduit, DB, 1, 2 inch			Ft	25.000	17.00000	425.00	100	L
0350	8190350	Luminaire, Install Salv			Ea	8.000	155.72000	1,245.76	100	L
0355	8190365	Luminaire, Rem and Salv			Ea	9.000	88.72000	798.48	100	L
0360	8200019	Case Sign (LED), One Way, 12 inch by 27 inch			Ea	4.000	1,367.02000	5,468.08	100	L
0365	8200029	Case Sign (LED), One Way, 24 inch by 30 inch			Ea	9.000	1,937.96000	17,441.64	100	L
0370	8200030	Controller and Cabinet, Rem			Ea	4.000	222.45000	889.80	100	L
0375	8200045	Controller Fdn, Base Mtd			Ea	3.000	2,370.84000	7,112.52	100	L
0380	8200046	Controller Fdn, Rem			Ea	4.000	402.07000	1,608.28	100	L
0385	8200065	Fdn, Rem			Ea	14.000	596.36000	8,349.04	100	L
0390	8200088	TS, Managed Field Ethernet Switch, Layer 2, Copper			Ea	4.000	1,415.36000	5,661.44	100	L
0395	8200100	Pedestal, Alum			Ea	15.000	851.62000	12,774.30	100	L
0400	8200105	Pedestal, Fdn			Ea	16.000	999.95000	15,999.20	100	L
0405	8200106	Pedestal Fdn, Rem			Ea	14.000	200.28000	2,803.92	100	L



Preliminary Project Detail Estimate - Detail Cost Estimate Report v1

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Line Num	Ref. ID	Description	Alt. Set	Alt. Member	Units	Quantity	Price	Ext. Amount	Fund Package ID	Flags*
0410	8200110	Pedestal, Rem			Ea	13.000	103.88000	1,350.44	100	L
0415	8200112	Pedestal, Underground Serv, Unmetered			Ea	1.000	3,305.97000	3,305.97	100	L
0420	8200113	Pedestal, Underground Serv, Rem			Ea	1.000	300.00000	300.00	100	L
0425	8200177	TS, Mast Arm Mtd, Rem			Ea	33.000	98.57000	3,252.81	100	L
0430	8200179	TS, Pedestal Mtd, Rem			Ea	1.000	109.41000	109.41	100	L
0435	8200180	TS, Pedestrian, Bracket Arm Mtd, Rem			Ea	13.000	98.28000	1,277.64	100	L
0440	8200181	TS, Pedestrian, Pedestal Mtd, Rem			Ea	12.000	91.89000	1,102.68	100	L
0445	8200184	Cabinet, Rem			Ea	1.000	271.19000	271.19	100	L
0450	8200186	Cabinet, NEMA Type			Ea	4.000	17,673.10000	70,692.40	100	L
0455	8200280	TS, Wireless Link, Rem			Ea	1.000	144.43000	144.43	100	L
0460	8200333	TS, One Way Bracket Arm Mtd (LED)			Ea	1.000	1,199.14000	1,199.14	100	L
0465	8200336	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown			Ea	1.000	1,129.19000	1,129.19	100	L
0470	8200339	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown			Ea	11.000	1,522.08000	16,742.88	100	L
0475	8200340	TS, One Way Pedestal Mtd (LED)			Ea	1.000	1,181.12000	1,181.12	100	L
0480	8200345	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown			Ea	5.000	1,123.94000	5,619.70	100	L



Preliminary Project Detail Estimate - Detail Cost Estimate

Federal Project Number: Later

Project ID: 201581

Project Description: Randolph TS

List of Items

Line Num	Ref. ID	Description	Alt. Set	Alt. Member	Units	Quantity	Price	Ext. Amount	Fund Package ID	Flags*
0485	8200347	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown			Ea	11,000	1,488.06000	16,368.66	100	L
0490	8200359	TS, One Way Mast Arm Mtd (LED)			Ea	51,000	1,075.32000	54,841.32	100	L
0495	8200374	Bracket, Truss, with 6 foot Arm			Ea	3,000	881.83000	2,645.49	100	L
0500	8200375	Bracket, Truss, with 9 foot Arm			Ea	1,000	1,106.74000	1,106.74	100	L
0505	8200376	Bracket, Truss, with 12 foot Arm			Ea	1,000	1,120.34000	1,120.34	100	L
0510	8200377	Bracket, Truss, with 15 foot Arm			Ea	2,000	1,000.00000	2,000.00	100	L
0515	8200378	Bracket, Truss, with 18 foot Arm			Ea	1,000	1,449.82000	1,449.82	100	L
0520	8200388	Bracket, Truss, Rem			Ea	9,000	146.32000	1,316.88	100	L
0525	8200458	TS Face, Bag			Ea	50,000	199.32000	9,966.00	100	L
0530	8200459	TS Face, Bag, Rem			Ea	50,000	130.53000	6,526.50	100	L
0535	8200480	Casing			Ft	174,000	233.99000	40,714.26	100	L
0540	8200498	Cellular Modem, TS, 4th G			Ea	4,000	1,264.12000	5,056.48	100	L
0545	8200501	Backplate, TS			Ea	51,000	189.76000	9,677.76	100	L
0550	8202004	Mast Arm, Rem			Ea	19,000	435.27000	8,270.13	100	L
0555	8202005	Mast Arm Std, Rem			Ea	15,000	328.78000	4,931.70	100	L
0560	8202010	Mast Arm Pole, Cat I			Ea	15,000	9,734.35000	146,015.25	100	L
0590	8202034	Mast Arm Pole Fdn, 6 Bolt			Ft	225,000	565.12000	127,152.00	100	L



Preliminary Project Detail Estimate - Detail Cost Estimate

Project ID: 201581

Federal Project Number: Later

Project Description: Randolph TS

List of Items

Line Num	Ref. ID	Description	Alt. Set	Alt. Member	Units	Quantity	Price	Ext. Amount	Fund Package ID	Flags*
0595	8207050	_ Cellular Modem, Rem and Salv			Ea	4.000	100.000000	400.00	100	L
0600	8207050	_ Controller, NEMA, ATC Type			Ea	4.000	5,000.000000	20,000.00	100	L
0620	8230421	Water Shutoff, Adj, Case 1			Ea	3.000	392.990000	1,178.97	100	L
0625	8230431	Gate Box, Adj, Case 1			Ea	1.000	438.200000	438.20	100	L
0630	8240001	Contractor Staking			LSUM	1.000	25,000.000000	25,000.00	100	L B
0635	8240002	Staking Plan Errors and Extras, Max \$180/hour			Hr	20.000	33.930000	678.60	100	L
0640	8260019	Grounding, Bonding, and Surge Protection			LSUM	1.000	1,500.000000	1,500.00	100	L B
0645	8260021	Lightning Protection, Pole			Ea	4.000	1,793.070000	7,172.28	100	L
0650	8260082	Managed Field Ethernet Switch, Layer 3			Ea	1.000	8,000.000000	8,000.00	100	L
0655	8260157	Surveillance System, Remote Site, Type A			Ea	1.000	17,337.250000	17,337.25	100	L
0660	8260160	System Integration and Testing			LSUM	1.000	4,000.000000	4,000.00	100	L B
Category Total:									\$1,985,655.49	
Category ID:	0003	Catg Descr: City of Detroit			Alternate Set:			Alternate Member:		
0565	8202015	Mast Arm, 30 foot, Cat I			Ea	3.000	9,924.980000	29,774.94	200	L
0570	8202016	Mast Arm, 35 foot, Cat I			Ea	2.000	11,632.520000	23,265.04	200	L
0575	8202017	Mast Arm, 40 foot, Cat I			Ea	4.000	10,428.290000	41,713.16	200	L



Preliminary Project Detail Estimate - Detail Cost Estimate Report v1

Project ID: 201581

Federal Project Number: Later

Project Description: Randolph TS

List of Items

Line Num	Ref. ID	Description	Alt. Set	Alt. Member	Units	Quantity	Price	Ext. Amount	Fund Package ID	Flags*
0580	8202018	Mast Arm, 45 foot, Cat I			Ea	5,000	12,225.85000	61,129.25	200	L
0585	8202019	Mast Arm, 50 foot, Cat I			Ea	5,000	14,816.84000	74,084.20	200	L
0605	8207050	_St Name Sign, Two Way, Illuminated, Rem			Ea	9,000	200.00000	1,800.00	200	L
0610	8207050	_St Name Sign, Two Way, LED, 6 foot			Ea	6,000	3,000.00000	18,000.00	200	L
0615	8207050	_St Name Sign, Two Way, LED, 8 foot			Ea	7,000	3,250.00000	22,750.00	200	L
Category Total:								\$272,516.59		

201581

Estimate Total: \$2,258,172.08

* Flags: (F)ixed Price, (N)on Bid, (L)ow Cost Contributor, (B)id as Lump Sum

Randolph Ave from Jefferson Ave to Gratiot Ave
 Engineer's Estimate
 12-18-22

Item No	Pay Item Name	Units	Unit Price	Data	
				Quantity	Grand Total
1100001	Mobilization, Max	LSUM	353000	1	\$353,000.00
2040021	Curb, Rem	Ft	17	20000	\$340,000.00
2040050	Pavt, Rem	Syd	16.75	500	\$8,375.00
2040055	Sidewalk, Rem	Syd	15	2000	\$30,000.00
2040080	Exploratory Investigation, Vertical	Ft	40	300	\$12,000.00
2050016	Excavation, Earth	Cyd	14.25	10	\$142.50
2050023	Granular Material, CI II	Cyd	42.5	10	\$425.00
2050031	Non Haz Contaminated Material Handling and Disposal, LM	Cyd	48.75	20	\$975.00
2050041	Subgrade Undercutting, Type II	Cyd	28	5	\$140.00
2080020	Erosion Control, Inlet Protection, Fabric Drop	Ea	121.5	125	\$15,187.50
2090001	Project Cleanup	LSUM	34000	1	\$34,000.00
3020010	Aggregate Base, 4 inch	Syd	14.5	350	\$5,075.00
4030005	Dr Structure Cover, Adj, Case 1	Ea	680	125	\$85,000.00
4030006	Dr Structure Cover, Adj, Case 2	Ea	532.5	5	\$2,662.50
4030010	Dr Structure Cover, Type B	Ea	685.5	10	\$6,855.00
4030025	Dr Structure Cover, Type D	Ea	738.5	10	\$7,385.00
4030136	Dr Structure Lead, Cleaning, 36 inch	Ft	20	600	\$12,000.00
4030290	Dr Structure, Cleaning	Ea	571.25	130	\$74,262.50
5010001	Pavt, Cleaning	LSUM	17000	1	\$17,000.00
5010002	Cold Milling HMA Surface	Syd	2.25	16125	\$36,281.25
5010005	HMA Surface, Rem	Syd	5	800	\$4,000.00
5010020	Pavt Joint and Crack Repr, Det 7	Ft	11.75	12000	\$141,000.00
5010021	Pavt Joint and Crack Repr, Det 8	Ft	14.5	7200	\$104,400.00
5010025	Hand Patching	Ton	153.5	350	\$53,725.00
5010061	HMA Approach	Ton	141.5	3000	\$424,500.00
5012025	HMA, 4EML	Ton	100	1850	\$185,000.00
5012037	HMA, 5EML	Ton	110	1375	\$151,250.00
6030048	Pavt Repr, Nonreinf Conc, 10 inch	Syd	72.75	3000	\$218,250.00
6030080	Pavt Repr, Rem	Syd	33.25	3000	\$99,750.00
8020001	Curb, Conc, Det E1	Ft	32.5	20000	\$650,000.00
8030010	Detectable Warning Surface	Ft	47	170	\$7,990.00
8030030	Curb Ramp Opening, Conc	Ft	32.75	170	\$5,567.50
8030044	Sidewalk, Conc, 4 inch	Sft	7.5	15000	\$112,500.00
8032002	Curb Ramp, Conc, 6 inch	Sft	9.5	840	\$7,980.00
8110094	Pavt Mrkg, Polyurea, 6 inch, White	Ft	1.25	5450	\$6,812.50
8110095	Pavt Mrkg, Polyurea, 6 inch, Yellow	Ft	1	840	\$840.00
8110110	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	Ft	5	1320	\$6,600.00
8110114	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	Ft	10.75	660	\$7,095.00
8110412	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	Ea	153	4	\$612.00
8110416	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	Ea	137.5	2	\$275.00
8110417	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	Ea	186.75	2	\$373.50
8110418	Pavt Mrkg, Polyurea, Thru Arrow Sym	Ea	102.25	2	\$204.50
8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	Ea	31.7	30	\$951.00
8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	Ea	5.5	30	\$165.00
8120026	Pedestrian Type II Barricade, Temp	Ea	89.5	40	\$3,580.00

8120120	Lighted Arrow, Type A, Furn	Ea	200	6	\$1,200.00
8120121	Lighted Arrow, Type A, Oper	Ea	100	6	\$600.00
8120170	Minor Traf Devices	LSUM	295900	1	\$295,900.00
8120252	Plastic Drum, Fluorescent, Furn	Ea	25.5	300	\$7,650.00
8120253	Plastic Drum, Fluorescent, Oper	Ea	1	300	\$300.00
8120310	Sign Cover	Ea	85	10	\$850.00
8120332	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	Ea	4200	6	\$25,200.00
8120333	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	Ea	100	6	\$600.00
8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	4	1000	\$4,000.00
8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	4.5	1000	\$4,500.00
8120370	Traf Regulator Control	LSUM	88800	1	\$88,800.00
8210001	Monument Box	Ea	651.5	5	\$3,257.50
8210010	Monument Preservation	Ea	610	5	\$3,050.00
8240001	Contractor Staking	LSUM	69100	1	\$69,100.00
8240002	Staking Plan Errors and Extras, Max \$180/hour	Hr	180	39	\$7,020.00
850705i	PE - Programmed	LSUM	550000	1	\$550,000.00
8507051	CE - Programmed	LSUM	600000	1	\$600,000.00
8507051	Landscaping / Streetscaping	LSUM	130485.25	1	\$130,485.25
8507051	Audio-Video Filming	LSUM	79500	1	\$79,500.00
8507051	ROW Costs - Programmed	LSUM	50000	1	\$50,000.00
8507051	Contingency - 15%	LSUM	443800	1	\$443,800.00
Grand Total				120155	\$5,600,000.00

Signal Modernization:	\$2,009,203.68
Milling & Resuracing:	\$5,600,000.00
Total Project Cost:	\$7,609,203.68