


Memo

To: Philip Bergem
Metro State Aid Engineer

From: Malaki Ruranika 
Cooperative Agreements Engineer

Date: August 21, 2018

Subject: Proposed Coop. Const. Agree. No. 1031272
City of Saint Paul
S.P. 6215-113 (T.H. 51=125)
State cost for grading, bituminous surfacing, ADA and signal improvements construction.

Transmitted herewith in duplicate is a proposed agreement with the City of Saint Paul. This agreement provides for payment to the City of the State's share of the costs of the grading, bituminous surfacing, ADA and signal improvements construction performed on T.H. 51 within the corporate City limits.

Present this agreement to the City Council for their approval and execution that includes original signatures of the City Council authorized City officers on the two copies of the agreement. Also required are two original copies of a resolution passed by the City Council authorizing its officers to sign the agreement on its behalf. A suggested form of such resolution is enclosed.

The executed agreements and resolutions (two originals of each) should be forwarded to this office as soon as possible. A copy will be returned to the City when fully executed.

Please send me a copy of your letter transmitting the agreement to the City for approval.

cc: File

**STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION
And
CITY OF ST PAUL
COOPERATIVE CONSTRUCTION
AGREEMENT**

State Project Number (S.P.):	<u>6215-113</u>	Original Amount Encumbered
Trunk Highway Number (T.H.):	<u>51=125</u>	<u>\$600,000.00</u>
State Aid Number (S.A.P.):	<u>164-010-072</u>	
State Aid Number (S.A.P.):	<u>164-257-003</u>	
Signal System "A" & "C" ID:	<u>1736682</u>	
Signal System "B" ID:	<u>"Pending"</u>	

This Agreement is between the State of Minnesota, acting through its Commissioner of Transportation ("State") and City of Saint Paul acting through its City Council ("City").

Recitals

1. The City will perform grading, bituminous surfacing, ADA and signal improvements construction and other associated construction upon, along and adjacent to Trunk Highway No. 51 from Shields Avenue to University Avenue and at the intersection of Pascal Street and Saint Anthony Avenue according to City-prepared plans, specifications and special provisions designated by the City as State Aid Project No. 164-010-072 and No. 164-257-003 and by the State as State Project No. 6215-113 (T.H. 51=125) ("Project"); and
2. The City requests the State participate in the costs of the grading, bituminous surfacing, ADA and signal improvements construction and the State is willing to participate in the costs of said construction and associated construction engineering; and
3. Minnesota Statutes § 161.20, subdivision 2 authorizes the Commissioner of Transportation to make arrangements with and cooperate with any governmental authority for the purposes of constructing, maintaining and improving the trunk highway system.

Agreement

1. Term of Agreement; Survival of Terms; Plans; Incorporation of Exhibits

- 1.1. **Effective Date.** This Agreement will be effective on the date the State obtains all signatures required by Minnesota Statutes § 16C.05, subdivision 2.
- 1.2. **Expiration Date.** This Agreement will expire when all obligations have been satisfactorily fulfilled.
- 1.3. **Survival of Terms.** All clauses which impose obligations continuing in their nature and which must survive in order to give effect to their meaning will survive the expiration or termination of this Agreement, including, without limitation, the following clauses: 2.4. State Ownership of Improvements; 5. Maintenance by the City; 11. Liability; Worker Compensation Claims; Insurance; 13. State Audits; 14. Government Data Practices; 15. Governing Law; Jurisdiction; Venue; and 17. Force Majeure. The terms and conditions set forth in Article 6. Signal Systems and EVP Systems Operation and Maintenance will survive the expiration of this Agreement, but may be terminated by another agreement between the parties.
- 1.4. **Plans, Specifications, Special Provisions.** State-approved City plans, specifications and special provisions designated by the City as State Aid Project No. 164-010-072 and No. 164-257-003 and by the State as State Project No. 6215-113 (T.H. 51=125) are on file in the office of the City's Engineer and incorporated into this Agreement by reference ("Project Plans").

1.5. **Exhibits.** Preliminary Schedule "I" is attached and incorporated into this Agreement.

2. Right-of-Way Use

- 2.1. **Limited Right to Occupy.** The State grants to the City (and its contractors and consultants) the right to occupy Trunk Highway Right-of-Way as necessary to perform the work described in the Project Plans. This right is limited to the purpose of constructing the project, and administering such construction, and may be revoked by the State at any time, with or without cause. Cause for revoking this right of occupancy includes, but is not limited to, breaching the terms of this or any other agreement (relevant to this project) with the State, failing to provide adequate traffic control or other safety measures, failing to perform the construction properly and in a timely manner, and failing to observe applicable environmental laws or terms of applicable permits. The State will have no liability to the City (or its contractors or consultants) for revoking this right of occupancy.
- 2.2. **State Access; Suspension of Work; Remedial Measures.** The State's District Engineer or assigned representative retains the right to enter and inspect the Trunk Highway Right-of-Way (including the construction being performed on such right-of-way) at any time and without notice to the City or its contractor. If the State determines (in its sole discretion) that the construction is not being performed in a proper or timely manner, or that environmental laws (or the terms of permits) are not being complied with, or that traffic control or other necessary safety measures are not being properly implemented, then the State may direct the City (and its contractor) to take such remedial measures as the State deems necessary. The State may require the City (and its contractors and consultants) to suspend their operations until suitable remedial action plans are approved and implemented. The State will have no liability to the City (or its contractors or consultants) for exercising its rights under this provision.
- 2.3. **Traffic Control; Worker Safety.** While the City (and its contractors and consultants) are occupying the State right-of-way, they must comply with the approved traffic control plan, and with applicable provisions of the Work Zone Field Handbook (<http://www.dot.state.mn.us/trafficeng/workzone/index.html>). All City, contractor, and consultant personnel occupying the State's Right-of-Way must be provided with required reflective clothing and hats.
- 2.4. **State Ownership of Improvements.** The State will retain ownership of its Trunk Highway Right-of-Way, including any improvements made to such right-of-way under this Agreement, unless otherwise noted. The warranties and guarantees made by the City's contractor with respect to such improvements (if any) will flow to the State. The City will assist the State, as necessary, to enforce such warranties and guarantees, and to obtain recovery from the City's consultants, and contractor (including its sureties) for non-performance of contract work, for design errors and omissions, and for defects in materials and workmanship. Upon request of the State, the City will undertake such actions as are reasonably necessary to transfer or assign contract rights to the State and to permit subrogation by the State with respect to claims against the City's consultants and contractors.

3. Contract Award and Construction

- 3.1. **Bids and Award.** The City will receive bids and award a construction contract to the lowest responsible bidder (or best value proposer), subject to concurrence by the State in that award, according to the Project Plans. The contract construction will be performed according to the Project Plans.
- 3.2. **Bid Documents Furnished by the City.** The City will, within 7 days of opening bids for the construction contract, submit to the State's State Aid Agreements Engineer a copy of the low bid and an abstract of all bids together with the City's request for concurrence by the State in the award of the construction contract. The City will not award the construction contract until the State advises the City in writing of its concurrence.
- 3.3. **Rejection of Bids.** The City may reject and the State may require the City to reject any or all bids for the construction contract. The party rejecting or requiring the rejection of bids must provide the other party written notice of that rejection or requirement for rejection no later than 30 days after opening bids. Upon

the rejection of all bids, a party may request, in writing, that the bidding process be repeated. Upon the other party's written approval of such request, the City will repeat the bidding process in a reasonable period of time, without cost or expense to the State.

3.4. *Direction, Supervision and Inspection of Construction.*

- A. The contract construction will be under the direction of the City and under the supervision of a registered professional engineer; however, the State participation construction covered under this Agreement will be open to inspection by the State District Engineer's authorized representatives. The City will give the State Aid Agreements Engineer at Roseville five days notice of its intention to start the contract construction.
- B. Responsibility for the control of materials for the contract construction will be on the City and its contractor and will be carried out according to Specifications No. 1601 through and including No. 1609 in the State's current "Standard Specifications for Construction".

3.5. *Completion of Construction.* The City will cause the contract construction to be started and completed according to the time schedule in the construction contract special provisions. The completion date for the contract construction may be extended, by an exchange of letters between the appropriate City official and the State District Engineer's authorized representative, for unavoidable delays encountered in the performance of the contract construction.

3.6. *Plan Changes.* All changes in the Project Plans and all addenda, change orders, supplemental agreements and work orders entered into by the City and its contractor for contract construction must be approved in writing by the State District Engineer's authorized representative.

3.7. *Compliance with Laws, Ordinances, Regulations.* The City will comply and cause its contractor to comply with all Federal, State and Local laws, and all applicable ordinances and regulations. With respect only to that portion of work performed on the State's Trunk Highway Right-of-Way, the City will not require the contractor to follow local ordinances or to obtain local permits.

3.8. *Construction Documents Furnished by the City.* The City will keep records and accounts that enable it to provide the State, when requested, with the following:

- A. Copies of the City contractor's invoice(s) covering all contract construction.
- B. Copies of the endorsed and canceled City warrant(s) or check(s) paying for final contract construction, or computer documentation of the warrant(s) issued, certified by an appropriate City official that final construction contract payment has been made.
- C. Copies of all construction contract change orders, supplemental agreements and work orders.
- D. A certification form, provided by the State, signed by the City's Engineer in charge of the contract construction attesting to the following:
 - i. Satisfactory performance and completion of all contract construction according to the Project Plans.
 - ii. Acceptance and approval of all materials furnished for the contract construction relative to compliance of those materials to the State's current "Standard Specifications for Construction".
 - iii. Full payment by the City to its contractor for all contract construction.
- E. Copies, certified by the City's Engineer, of material sampling reports and of material testing results for the materials furnished for the contract construction.
- F. A copy of the "as built" plan sent to the State Aid Agreements Engineer.

4. *Right-of-Way; Easements; Permits*

4.1. The City will obtain all rights-of-way, easements, construction permits and any other permits and sanctions that may be required in connection with the local and trunk highway portions of the contract construction.

Before payment by the State, the City will furnish the State with certified copies of the documents for rights-of-way and easements, construction permits and other permits and sanctions required for State participation construction covered under this Agreement.

- 4.2. The City will convey to the State by quit claim deed, all newly acquired rights needed for the continuing operation and maintenance of the Trunk Highway, if any, upon completion of the Project, at no cost or expense to the State.
- 4.3. The City will comply with Minnesota Statutes § 216D.04, subdivision 1(a), for identification, notification, design meetings and depiction of utilities affected by the contract construction.
- 4.4. The City will submit to the State's Utility Engineer an original permit application for all utilities owned by the City of Saint Paul to be constructed upon and within the Trunk Highway Right-of-Way. Applications for permits will be made on State form "Application for Utility Permit on Trunk Highway Right-of-Way" (Form 2525).

5. Maintenance by the City

Upon completion of the Project, the City will provide the following without cost or expense to the State:

- 5.1. **Storm Sewers.** Routine maintenance of any storm sewer facilities construction. Routine maintenance includes, but is not limited to, removal of sediment, debris, vegetation and ice from grates and catch basins and any other maintenance activities necessary to preserve the facilities and to prevent conditions such as flooding, erosion, or sedimentation, this also includes informing the District Maintenance Engineer of any needed repairs.
- 5.2. **Sidewalks.** Maintenance of any sidewalk construction, including stamped and colored concrete sidewalk (if any) and pedestrian ramps. Maintenance includes, but is not limited to, snow, ice and debris removal, patching, crack repair, panel replacement, cross street pedestrian crosswalk markings, vegetation control of boulevards (if any) and any other maintenance activities necessary to perpetuate the sidewalks in a safe, useable, and aesthetically acceptable condition.
- 5.3. **Fence and gates.** Fence and gates located on the median of Snelling Avenue at Spruce Tree Drive are to be owned, maintained, repaired, and replaced by the City of Saint Paul.

6. Signal Systems and EVP Systems Operation and Maintenance

Operation and maintenance responsibilities will be as follows for the Signal Systems and EVP Systems including System "A" located on Trunk Highway No. 51 at Shields Avenue and for the interconnect located from University Avenue to Saint Anthony Avenue; and System "B" located on Saint Anthony Avenue at Pascal Street and the interconnect located on Saint Anthony Avenue from Trunk Highway No. 51 to Pascal Street.

- 6.1. **City Responsibilities.** All power, operation and maintenance, including timing, interconnect and EVP system operation for the new traffic control signal on Trunk Highway No. 51 at Shields Avenue and on Saint Anthony Avenue at Pascal Street will be the responsibility of the City.
- 6.2. **Right-of-Way Access.** Each party authorizes the other party to enter upon their respective public right-of-way to perform the maintenance activities described in this Agreement.
- 6.3. **City Furnished Materials.** The City will furnish two cabinets according to the Project Plans, to operate the traffic control signal systems covered under this Agreement. The City will be responsible for 100% of the cost.

7. Basis of State Cost

- 7.1. **Schedule "I".** The Preliminary Schedule "I" includes all anticipated State participation construction items and the construction engineering cost share covered under this Agreement.

- 7.2. State Participation Construction.** The State will participate in the following at the percentages indicated. The construction includes the State's proportionate share of item costs for mobilization and traffic control.
- A.** 100 Percent will be the State's rate of cost participation in all of the grading, bituminous surfacing, ADA improvements construction as shown on sheets No. 2 through No. 6 on the Preliminary Schedule "I".
 - B.** 50 Percent will be the State's rate of cost participation in all of the following construction.
 - i.** Traffic Control Signal System "A" and "B"
 - ii.** Removal of Signal System "C"
- 7.3. Construction Engineering Costs.** The State will pay a construction engineering charge equal to 8 percent of the total State participation construction covered under this Agreement.

8. State Cost and Payment by the State

- 8.1. State Cost. State Cost. \$600,000.00** is the capped amount for the State's total estimated share of the costs of the contract construction which includes the 8 percent construction engineering cost share as shown in the Preliminary Schedule "I". The Preliminary Schedule "I" was prepared using estimated quantities and unit prices, and may include any credits or lump sum costs. Upon review of the construction contract bid documents described in Article 3.2., the State will decide whether to concur in the City's award of the construction contract and, if so, prepare a Revised Schedule "I" based on construction contract unit prices, which will replace and supersede the Preliminary Schedule "I" as part of this Agreement.
- 8.2. Conditions of Payment.** The State will pay the City the full and complete lump sum amount as shown in the Revised Schedule "I", after the following conditions have been met:
- A.** Encumbrance by the State of the State's full and complete State funded lump sum cost share as shown in the Revised Schedule "I".
 - B.** Approval by the State's Land Management Director at St. Paul of certified documentation, submitted by the City, for all right-of-way and easement acquisitions required for the contract construction.
 - C.** Execution of this Agreement and transmittal to the City, including a letter advising of the State's concurrence in the award of the construction contract.
 - D.** The State's receipt of a written request from the City for the advancement of funds. The request will include certification by the City that all necessary parties have executed the construction contract.
- 8.3. Limitations of State Payment; No State Payment to Contractor.** The State's participation in the contract construction is limited to the lump sum amount shown in Article 8.1, and the State's participation will not change except by a mutually agreed written amendment to this Agreement. The State's payment obligation extends only to the City. The City's contractor is not intended to be and will not be deemed to be a third party beneficiary of this Agreement. The City's contractor will have no right to receive payment from the State. The State will have no responsibility for claims asserted against the City by the City's contractor.

9. Authorized Representatives

Each party's Authorized Representative is responsible for administering this Agreement and is authorized to give and receive any notice or demand required or permitted by this Agreement.

9.1. The State's Authorized Representative will be:

Name/Title: Malaki Ruranika, Cooperative Agreements Engineer (or successor)
 Address: 395 John Ireland Boulevard, Mailstop 682, St. Paul, MN 55155
 Telephone: (651) 366-4634
 E-Mail: malaki.ruranika@state.mn.us

9.2. The City's Authorized Representative will be:

Name/Title: Paul Kurtz, City Engineer (or successor)
Address: 900 City Hall Annex, 25 West Fourth Street, St. Paul, MN 55102-1660
Telephone: (651) 266-6203
E-Mail: paul.kurtz@ci.stpaul.mn.us

10. Assignment; Amendments; Waiver; Contract Complete

10.1. Assignment. Neither party may assign or transfer any rights or obligations under this Agreement without the prior consent of the other party and a written assignment agreement, executed and approved by the same parties who executed and approved this Agreement, or their successors in office.

10.2. Amendments. Any amendment to this Agreement must be in writing and will not be effective until it has been executed and approved by the same parties who executed and approved the original Agreement, or their successors in office.

10.3. Waiver. If a party fails to enforce any provision of this Agreement, that failure does not waive the provision or the party's right to subsequently enforce it.

10.4. Contract Complete. This Agreement contains all prior negotiations and agreements between the State and the City. No other understanding regarding this Agreement, whether written or oral, may be used to bind either party.

11. Liability; Worker Compensation Claims; Insurance

11.1. Each party is responsible for its own acts, omissions and the results thereof to the extent authorized by law and will not be responsible for the acts and omissions of others and the results thereof. Minnesota Statutes § 3.736 and other applicable law govern liability of the State. Minnesota Statutes Chapter 466 and other applicable law govern liability of the City. Notwithstanding the foregoing, the City will indemnify, hold harmless, and defend (to the extent permitted by the Minnesota Attorney General) the State against any claims, causes of actions, damages, costs (including reasonable attorneys fees), and expenses arising in connection with the project covered by this Agreement, regardless of whether such claims are asserted by the City's contractor(s) or consultant(s) or by a third party because of an act or omission by the City or its contractor(s) or consultant(s).

11.2. Each party is responsible for its own employees for any claims arising under the Workers Compensation Act.

11.3. The City may require its contractor to carry insurance to cover claims for damages asserted against the City's contractor.

12. Nondiscrimination

Provisions of Minnesota Statutes § 181.59 and of any applicable law relating to civil rights and discrimination are considered part of this Agreement.

13. State Audits

Under Minnesota Statutes § 16C.05, subdivision 5, the City's books, records, documents, and accounting procedures and practices relevant to this Agreement are subject to examination by the State and the State Auditor or Legislative Auditor, as appropriate, for a minimum of six years from the end of this Agreement.

14. Government Data Practices

The City and State must comply with the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13, as it applies to all data provided under this Agreement, and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the City under this Agreement. The civil remedies of Minnesota Statutes §13.08 apply to the release of the data referred to in this clause by either the City or the State.

15. Governing Law; Jurisdiction; Venue

Minnesota law governs the validity, interpretation and enforcement of this Agreement. Venue for all legal proceedings arising out of this Agreement, or its breach, must be in the appropriate state or federal court with competent jurisdiction in Ramsey County, Minnesota.

16. Termination; Suspension

16.1. *By Mutual Agreement.* This Agreement may be terminated by mutual agreement of the parties or by the State for insufficient funding as described below.

16.2. *Termination for Insufficient Funding.* The State may immediately terminate this Agreement if it does not obtain funding from the Minnesota Legislature, or other funding source; or if funding cannot be continued at a level sufficient to allow for the payment of the services covered here. Termination must be by written or fax notice to the City. The State is not obligated to pay for any services that are provided after notice and effective date of termination. However, the City will be entitled to payment, determined on a pro rata basis, for services satisfactorily performed to the extent that funds are available. The State will not be assessed any penalty if this Agreement is terminated because of the decision of the Minnesota Legislature, or other funding source, not to appropriate funds.

16.3. *Suspension.* In the event of a total or partial government shutdown, the State may suspend this Agreement and all work, activities, performance and payments authorized through this Agreement. Any work performed during a period of suspension will be considered unauthorized work and will be undertaken at the risk of non-payment.

17. Force Majeure

Neither party will be responsible to the other for a failure to perform under this Agreement (or a delay in performance), if such failure or delay is due to a force majeure event. A force majeure event is an event beyond a party's reasonable control, including but not limited to, unusually severe weather, fire, floods, other acts of God, labor disputes, acts of war or terrorism, or public health emergencies.

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STATE ENCUMBRANCE VERIFICATION

Individual certifies that funds have been encumbered as required by Minnesota Statutes § 16A.15 and 16C.05.

Signed: _____

Date: _____

SWIFT Purchase Order: 3000420930

CITY OF SAINT PAUL

The undersigned certify that they have lawfully executed this contract on behalf of the Governmental Unit as required by applicable charter provisions, resolutions or ordinances.

By: _____

Title: _____

Date: _____

By: _____

Title: _____

Date: _____

DEPARTMENT OF TRANSPORTATION

Recommended for Approval:

By: _____
(District Engineer)

Date: _____

Approved:

By: _____
(State Design Engineer)

Date: _____

COMMISSIONER OF ADMINISTRATION

By: _____
(With Delegated Authority)

Date: _____

INCLUDE COPY OF RESOLUTION APPROVING THE AGREEMENT AND AUTHORIZING ITS EXECUTION.

CITY OF SAINT PAUL

RESOLUTION

IT IS RESOLVED that the City of Saint Paul enter into MnDOT Agreement No. 1031272 with the State of Minnesota, Department of Transportation for the following purposes:

To provide for payment by the State to the City of the State's share of the costs of the grading, bituminous surfacing, ADA and signal improvements construction and other associated construction to be performed upon, along and adjacent to Trunk Highway No. 51 from Shields Avenue to University Avenue, and at the intersection of Saint Anthony Avenue and Pascal Street within the corporate City limits under State Project No. 6215-113 (51=125).

IT IS FURTHER RESOLVED that the Mayor and the _____ are
(Title)
authorized to execute the Agreement and any amendments to the Agreement.

CERTIFICATION

I certify that the above Resolution is an accurate copy of the Resolution adopted by the Council of the City of Saint Paul at an authorized meeting held on the _____ day of _____, 2018, as shown by the minutes of the meeting in my possession.

Subscribed and sworn to before me this
_____ day of _____, 2018

Notary Public _____

My Commission Expires _____

**NOTARY
STAMP**

(Signature)

(Type or Print Name)

(Title)

PRELIMINARY SCHEDULE "I"

Agreement No. 1031272

City of Saint Paul

S.P. 6215-113 (T.H. 51=125)

Preliminary: August 13, 2018

State Funds, State Aid Funds and Local Funds

Grading, bituminous surfacing, ADA and signal improvements construction performed under
 City contract with _____
 located on T.H. 51 from Shields Ave. to University Ave.
 and intersection of Pascal St. & St. Anthony Ave.

STATE COST PARTICIPATION	
From Sheet No. 2 - 4, S.P. 6215-113, S.A.P. 164-010-072	544,326.67
From Sheet No. 5 - 6, S.P. 6215-113, S.A.P. 164-257-003	198,115.19
Subtotal	\$742,441.86
Construction Engineering (8%)	59,395.35
Total	\$801,837.21
(1) State Share Cost Capped at (Encumbered Amount)	\$600,000.00

(1) For the State's use only as described in Article 8.1 of the Agreement

ITEM NUMBER	S.P. 6215-113, S.A.P. 164-010-072 WORK ITEM	UNIT	QUANTITY	UNIT PRICE	COST (1)
2011.601	AS BUILT	LUMP SUM	0.80	5,000.00	4,000.00
2021.501	MOBILIZATION	LUMP SUM	0.75	50,000.00	37,500.00
2102.503	PAVEMENT MARKING REMOVAL	LIN. FT.	136	1.00	136.00
2102.518	PAVEMENT MARKING REMOVAL	SQ. FT.	144	3.00	432.00
2104.501	REMOVE UNDERGROUND WIRE	LUMP SUM	0.4	1,000.00	400.00
2104.502	REMOVE HANDHOLE	EACH	4	300.00	1,200.00
2104.502	REMOVE LIGHT FOUNDATION	EACH	2	400.00	800.00
2104.502	SALVAGE LIGHT STANDARD AND LUMINAIRE	EACH	2	1,000.00	2,000.00
2104.502	REMOVE SIGN TYPE C	EACH	1	35.00	35.00
2104.502	REMOVE SIGN PANEL TYPE C	EACH	1	35.00	35.00
2104.502	REMOVE SIGNAL SYSTEM C	EACH	0.5	20,000.00	10,000.00
2104.502	REMOVE MANHOLE OR CATCH BASIN	EACH	2	650.00	1,300.00
2104.503	REMOVE CONCRETE CURB AND GUTTER	LIN. FT.	982	3.90	3,829.80
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN. FT.	1239	5.25	6,504.75
2104.504	REMOVE PAVEMENT	SQ. YD.	1227	15.00	18,405.00
2104.518	REMOVE CONCRETE WALK	SQ. FT.	3592	1.00	3,592.00
2104.518	REMOVE STREET CAR TRACKS	SQ. FT.	400	2.50	1,000.00
2118.509	AGGREGATE SURFACING, CLASS 5	TON	10	29.00	290.00
2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	10	140.00	1,400.00
2130.523	WATER	M GALLON	1	36.00	36.00
2211.507	AGGREGATE BASE (C.V.), CLASS 5 (P)	CU. YD.	139	34.00	4,726.00
2301.602	DRILL AND GROUT REINFORCEMENT BAR (EPOXY COATED)	EACH	40	14.00	560.00
2301.602	DRILL AND GROUT REINFORCEMENT BAR (EPOXY COATED)	EACH	480	14.00	6,720.00
2301.604	CONCRETE PAVEMENT (SPECIAL)	SQ. YD.	1026	111.00	113,886.00
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	57	3.00	171.00
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4;F)	TON	113	75.00	8,475.00
2451.507	FINE AGGREGATE BEDDING (CV)	CU. YD.	8	13.00	104.00
2503.503	8" DUCTILE IRON PIPE SEWER	LIN. FT.	30	63.00	1,890.00
2503.503	15" RC PIPE SEWER,DESIGN 3006 CLASS V	LIN. FT.	73	55.00	4,015.00
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	3	750.00	2,250.00
2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN G OR H	EACH	1	4,000.00	4,000.00

ITEM NUMBER	S.P. 6215-113, S.A.P. 164-010-072 WORK ITEM	UNIT	QUANTITY	UNIT PRICE	COST (1)
2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EACH	1	4,500.00	4,500.00
2506.502	CASTING ASSEMBLY	EACH	5	800.00	4,000.00
2506.203	CONSTRUCT DRAINAGE STRUCTURE DESIGN SD-48	LIN. FT.	7	1,300.00	9,100.00
2506.602	ADJUST FRAME AND RING CASTING	EACH	1	650.00	650.00
2506.602	MODIFY DRAINAGE STRUCTURE	EACH	1	1,000.00	1,000.00
2521.518	6" CONCRETE WALK	SQ. FT.	4546	7.00	31,822.00
2531.503	CONCRETE CURB AND GUTTER DESIGN B612	LIN. FT.	856	22.00	18,832.00
2531.503	CONCRETE CURB AND GUTTER DESIGN B624	LIN. FT.	225	22.00	4,950.00
2531.603	CONCRETE CURB DESIGN V	LIN. FT.	10	41.50	415.00
2531.618	TRUNCATED DOMES	SQ.FT.	123	47.50	5,842.50
2545.502	LIGHT FOUNDATION	EACH	2	750.00	1,500.00
2545.502	SERVICE CABINET	EACH	0.5	1,980.00	990.00
2545.503	2" RIGID STEEL CONDUIT	LIN. FT.	10	11.00	110.00
2545.503	2" NON-METALLIC CONDUIT	LIN. FT.	404	2.50	1,010.00
2545.503	2" NON-METALLIC CONDUIT (DIRECTIONAL BORE)	LIN. FT.	632	12.00	7,584.00
2545.503	UNDERGROUND WIRE 1/C 4 AWG	LIN. FT.	1869	4.00	7,476.00
2545.503	UNDERGROUND WIRE 1/C 6 AWG	LIN. FT.	1809	2.00	3,618.00
2545.503	UNDERGROUND WIRE 1/C (BARE) 8 AWG	LIN. FT.	1206	1.50	1,809.00
2545.602	INSTALL LIGHTING UNIT	EACH	2	500.00	1,000.00
2550.502	HANDHOLE TYPE ST PAUL	EACH	1	800.00	800.00
2563.601	TRAFFIC CONTROL	LUMP SUM	0.75	20,000.00	15,000.00
2563.601	ALTERNATE PEDESTRIAN ROUTE	LUMP SUM	0.80	5,000.00	4,000.00
2564.502	OBJECT MARKER TYPE X4-2	EACH	1	100.00	100.00
2564.518	SIGN PANELS TYPE C	SQ. FT.	95	50.00	4,750.00
2564.518	SIGN PANELS TYPE D	SQ. FT.	70	30.00	2,100.00
2564.602	INSTALL SIGN COLLAR	EACH	7	120.00	840.00
2565.501	TRAFFIC CONTROL INTERCONNECT	LUMP SUM	0.5	53,764.00	26,882.00
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM A	SYSTEM	0.5	246,214.00	123,107.00
2573.502	STORM DRAIN INLET PROTECTION	EACH	17	160.00	2,720.00

ITEM NUMBER	S.P. 6215-113, S.A.P. 164-010-072 WORK ITEM	UNIT	QUANTITY	UNIT PRICE	COST (1)
2574.507	COMMON TOPSOIL BORROW	CU. YD.	1	32.00	41.60
2575.504	SODDING, TYPE SALT TOLERANT	SQ. YD.	9	6.78	61.02
2582.503	4" SOLID LINE MULTI-COMPONENT GROUND IN (WR)	LIN. FT.	265	4.00	1,060.00
2582.503	4" DOUBLE SOLID LINE MULTI-COMPONENT GROUND IN (WR)	LIN. FT.	272	7.00	1,904.00
2582.518	PAVEMENT MESSAGE MULTI-COMPONENT GROUND IN (WR)	SQ. FT.	17	15.00	255.00
2582.518	PAVEMENT MESSAGE PREFORM TAPE GROUND IN	SQ. FT.	77	15.00	1,155.00
2582.518	CROSSWALK PREFORM TAPE GROUND IN	SQ. FT.	1050	13.00	13,650.00
				TOTAL	\$544,326.67
				(1) 100% STATE COST	\$544,326.67
				*TOTAL (1) + (2) CAPPED AT \$600,000.00	

ITEM NUMBER	S.P. 6215-113, S.A.P. 164-257-003 WORK ITEM	UNIT	QUANTITY	UNIT PRICE	COST (2)
2011.601	AS BUILT	LUMP SUM	0.20	5,000.00	1,000.00
2021.501	MOBILIZATION	LUMP SUM	0.25	50,000.00	12,500.00
2102.503	PAVEMENT MARKING REMOVAL	LIN. FT.	174	1.00	174.00
2104.501	REMOVE UNDERGROUND WIRE	LUMP SUM	0.30	1,000.00	300.00
2104.502	REMOVE HANDHOLE	EACH	2	300.00	600.00
2104.502	REMOVE MANHOLE OR CATCH BASIN	EACH	1	650.00	650.00
2104.503	REMOVE CONCRETE CURB AND GUTTER	LIN. FT.	289	3.90	1,127.10
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN. FT.	387	5.25	2,031.75
2104.504	REMOVE PAVEMENT	SQ. YD.	309	15.00	4,635.00
2104.518	REMOVE CONCRETE WALK	SQ. FT.	283	1.00	283.00
2118.509	AGGREGATE SURFACING, CLASS 5	TON	10	29.00	290.00
2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOURL	10	140.00	1,400.00
2130.523	WATER	M GALLON	3	36.00	108.00
2211.507	AGGREGATE BASE (C.V.), CLASS 5 (P)	CU. YD.	6	34.00	204.00
2301.602	DRILL AND GROUT REINFORCEMENT BAR (EPOXY COATED)	EACH	34	14.00	476.00
2301.604	CONCRETE PAVEMENT (SPECIAL)	SQ. YD.	207	111.00	22,977.00
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	11	3.00	33.00
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4;F)	TON	23	75.00	1,725.00
2451.609	FINE AGGREGATE BEDDING (CV)	CU. YD.	3	13.00	39.00
2503.503	15" RC PIPE SEWER,DESIGN 3006 CLASS V	LIN. FT.	28	55.00	1,540.00
2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN G OR H	EACH	1	4,000.00	4,000.00
2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL	EACH	1	4,500.00	4,500.00
2521.518	6" CONCRETE WALK	SQ. FT.	491	7.00	3,437.00
2531.503	CONCRETE CURB AND GUTTER DESIGN B624	LIN. FT.	306	22.00	6,732.00
2531.603	CONCRETE CURB DESIGN V	LIN. FT.	10	41.50	415.00
2531.618	TRUNCATED DOMES	SQ.FT.	54	47.50	2,565.00
2545.503	2" NON-METALLIC CONDUIT	LIN. FT.	106	2.50	265.00
2545.503	2" NON-METALLIC CONDUIT (DIRECTIONAL BORE)	LIN. FT.	44	12.00	528.00
2545.503	UNDERGROUND WIRE 1/C 4 AWG	LIN. FT.	450	4.00	1,800.00
2550.502	HANDHOLE TYPE ST PAUL	EACH	1	800.00	800.00
2563.601	TRAFFIC CONTROL	LUMP SUM	0.25	20,000.00	5,000.00
2563.601	ALTERNATE PEDESTRIAN ROUTE	LUMP SUM	0.20	5,000.00	1,000.00
2564.518	SIGN PANELS TYPE D	SQ. FT.	78	30.00	2,340.00

ITEM NUMBER	S.P. 6215-113, S.A.P. 164-257-003 WORK ITEM	UNIT	QUANTITY	UNIT PRICE	COST (2)
2565.501	TRAFFIC CONTROL INTERCONNECT	LUMP SUM	0.50	53,764.00	26,882.00
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM B	SYSTEM	0.5	159,381.00	79,690.50
2573.502	STORM DRAIN INLET PROTECTION	EACH	6	160.00	960.00
2574.507	COMMON TOPSOIL BORROW	CU. YD.	4	32.00	128.00
2575.504	SODDING, TYPE SALT TOLERANT	SQ. YD.	28	6.78	189.84
2582.503	4" BROKEN LINE MULTI-COMPONENT GROUND IN (WR)	LIN. FT.	60	4.00	240.00
2582.518	CROSSWALK PREFORM TAPE GROUND IN	SQ. FT.	350	13.00	4,550.00
				TOTAL	\$198,115.19
				(2) 100% STATE COST	\$198,115.19
					*TOTAL (1) + (2) CAPPED AT \$600,000.00