Municipal Consent

SP 4204-40

City of Marshall

December 12, 2023

Municipal consent submittal letter

SP 4204-40 Layout Flap 2A - Separate file (Signed copy to be hand delivered)

State Statues 161.162 through 161.167

Project schedule

Current Cost Estimate

Sample Resolution for Municipal Consent

Sample Resolution to Waive Municipal Consent



District 8 2505 Transportation Road Willmar, MN 56201 320-231-5195

December 12, 2023

Robert J. Byrnes Mayor City of Marshall 344 West Main Street Marshall, MN 5658

RE: Request for City Approval (Municipal Consent) of the Final Layout Flap 2A for SP 4204-40

Dear Mayor Byrnes

MnDOT is proceeding with plans to complete State Project 4204-40, Reconstruction of Hwy 19 from 700' West of Marlene Street through Bruce Street. In accordance with Minnesota Statute 161.164, I am submitting for City approval the project's Final Layout Flap, identified as Layout Flap No. 2A, S.P. 4204-40.

The City's approval (municipal consent) is required for this project because it alters access (Many accesses will be closed and /or altered to right in right out), requires acquisition of permanent rights of way (permanent right of way will be obtained to bring city alleys to city access standards). Municipal consent of MnDOT projects is described in Minnesota Statutes 161.162 through 161.167 (attached).

Approval or disapproval of the final layout flap 2A is by resolution of the City Council. (A sample resolution is attached). However, if the city neither approves nor disapproves the final layout flap within 60 days from the date the commissioner submits them, the layout is deemed approved (per MN Statute 161.164).

The deadlines (per MN Statute 161.164) for the City's responsibilities regarding municipal consent of the attached layout flap are as follows, based on a submittal date of the final layout to the City of [12/12/2023]:

 Within 60 days of the layout flap submittal, approve or disapprove the layout by resolution (by 02/11/2024).

Project Purpose

This project has a deteriorated pavement, indicated by a sub-standard Ride Quality Index (RQI) rating. The RQI rating is projected to continue to decline. This project also has pedestrian access facilities, ramps and sidewalks that do not meet the Americans with Disabilities Act (ADA) standards. This project also has aging underground city utilities; sewer and water mains that are in poor condition.



District 8 2505 Transportation Road Willmar, MN 56201 320-231-5195

The purpose of this project is to:

- A) Improve the RQI on this project which will help the entire Highway System achieve the Pavement Performance Targets, and to improve pavement structural integrity and reduce maintenance costs.
- B) Upgrade the pedestrian ramps/sidewalk to meet ADA standards
- C) Facilitate replacement of the deteriorating underground utilities.

Project Description

SP 4204-40 will be a full reconstruction of Trunk Highway (TH) 19 from 700' west of Marlene Street through Bruce Street in Marshall, MN. The project will include but not limited to Concrete Paving, a Roundabout at the intersection of Hwy 19, Country Club Drive, and South 2nd Street, new Signals at Saratoga Street and Main Street (TH 59), Rectangular Rapid Flashing Beacons (RRFB), Bridge approach panel work at Bridge No. 5151 and 5083, Lighting, Storm Sewer, City utilities (Sanitary and Water).

Planned Project Schedule

SP 4204-40 is planned to be let on November 22, 2024, Construction is to begin the spring of 2025 and is anticipated to take up to two construction seasons to complete all work, there will be detours and staged construction.

City's Estimated Project Costs

Some project costs are the City's responsibility, as detailed in MnDOT's cost participation policy. (See the policy and the *Cost Participation and Maintenance with Local Units of Government Manual* at MnDOT's this website: http://www.dot.state.mn.us/policy/financial/fm011.html).

Attached is MnDOT's current estimate of the City's costs for S.P. 4204-40. It also shows MnDOT's estimated costs.

As shown on the attached, the City of Marshall's total cost participation for SP 4204-40 is estimated to be \$6,716,936.28.

The alleys between West Lyon and West Marshall streets will require additional Right of Way (R/W) to be built to city standards. It is the intent for MnDOT to obtain the R/W to construct the alleys to standard and then turn back to the city.

City's Maintenance Responsibilities

The City of Marshall will also be responsible for the following:

- Approach legs to the intersections to the outside edge of the shoulder line or outer radius of roundabouts.
- Removal of snow from parking lanes.



District 8 2505 Transportation Road Willmar, MN 56201 320-231-5195

- Responsible for maintenance of Parking- related markings installed on MnDOT roadways.
- Routine maintenance of all sidewalks and shared use paths, including but not limited to patching, snow and ice control/removal, sweeping, debris removal, vegetation control, signs, and pavement markings.

MnDOT will be responsible for the following:

- Maintenance activities associated with all trunk highway roadway and shoulder items.
- Non-routine storm sewer system maintenance is defined as removal of sediment from the
 pipes, replacement, reconstruction, rehabilitation, or improvement of portions of storm water
 drainage infrastructure such as castings, manhole or catch basin structures, and pipe
 segments or aprons, including riprap.

Please feel free to contact me if you have any questions about this submittal.

Sincerely,

Jesse Vlaminck /s/

Jesse Vlaminck
Project Manager
MnDOT District 8
2505 Transportation Road
Willmar, MN 56201
320-212-0206
jesse.vlaminck@state.mn.us

Attachments:

Final Layout Flap 2A for SP 4204-40, dated 10/13/2023.

MN Statutes 161.162 – 161.167

Estimated Project Costs

Project Schedule

Sample City Resolution

Sample City Waiver Resolution

CC:

Sharon Hanson – Marshall City Administrator Jason Anderson – Marshall City Engineer

161.162 DEFINITIONS.

Subdivision 1. **Applicability.** The terms in sections 161.162 to 161.167 have the meanings given them in this section and section 160.02.

- Subd. 2. **Final layout.** (a) "Final layout" means geometric layouts and supplemental drawings that show the location, character, dimensions, access, and explanatory information about the highway construction or improvement work being proposed. "Final layout" includes, where applicable, traffic lanes, shoulders, trails, intersections, signals, bridges, approximate right-of-way limits, existing ground line and proposed grade line of the highway, turn lanes, access points and closures, sidewalks, proposed design speed, noise walls, transit considerations, auxiliary lanes, interchange locations, interchange types, sensitive areas, existing right-of-way, traffic volume and turning movements, location of storm water drainage, location of municipal utilities, project schedule and estimated cost, and the name of the project manager.
- (b) "Final layout" does not include a cost participation agreement. For purposes of this subdivision "cost participation agreement" means a document signed by the commissioner and the governing body of a municipality that states the costs of a highway construction project that will be paid by the municipality.
- Subd. 3. **Final construction plan.** "Final construction plan" means the set of technical drawings for the construction or improvement of a trunk highway provided to contractors for bids.
 - Subd. 4. Governing body. "Governing body" means the elected council of a municipality.
 - Subd. 5. Municipality. "Municipality" means a statutory or home rule charter city.

History: 2001 c 191 s 3; 2002 c 364 s 3

161.163 HIGHWAY PROJECT REVIEW.

Subdivision 1. **Projects requiring review.** Sections 161.162 to 161.167 apply only to projects that alter access, increase or reduce highway traffic capacity, or require acquisition of permanent rights-of-way.

- Subd. 2. **Traffic safety measures.** Nothing contained in sections 161.162 to 161.167 limits the power of the commissioner to regulate traffic or install traffic-control devices or other safety measures on trunk highways located within municipalities regardless of their impact on access or traffic capacity or on the need for additional right-of-way.
- Subd. 3. **Construction program.** Nothing contained in sections 161.162 to 161.167 limits the commissioner's discretion to determine priority and programming of trunk highway projects.

161.164 FINAL LAYOUT APPROVAL PROCESS.

Subdivision 1. **Submission of final layout.** Before proceeding with the construction, reconstruction, or improvement of any route on the trunk highway system lying within any municipality, the commissioner shall submit to its governing body a final layout and project report covering the purpose, route location, and proposed design of the highway. The final layout must be submitted as part of a report containing any supporting data that the commissioner deems helpful to the governing body in reviewing the final layout submitted. The supporting data must include a good-faith cost estimate of all the costs in which the governing body is expected to participate. The final layout must be submitted before final decisions are reached so that meaningful early input can be obtained from the municipality.

- Subd. 2. **Governing body action.** (a) Within 15 days of receiving a final layout from the commissioner, the governing body shall schedule a public hearing on the final layout. The governing body shall, within 60 days of receiving a final layout from the commissioner, conduct a public hearing at which the Department of Transportation shall present the final layout for the project. The governing body shall give at least 30 days' notice of the public hearing.
- (b) Within 90 days from the date of the public hearing, the governing body shall approve or disapprove the final layout in writing, as follows:
- (1) If the governing body approves the final layout or does not disapprove the final layout in writing within 90 days, in which case the final layout is deemed to be approved, the commissioner may continue the project development.
- (2) If the final construction plans contain changes in access, traffic capacity, or acquisition of permanent right-of-way from the final layout approved by the governing body, the commissioner shall resubmit the portion of the final construction plans where changes were made to the governing body. The governing body must approve or disapprove the changes, in writing, within 60 days from the date the commissioner submits them.
- (3) If the governing body disapproves the final layout, the commissioner may make modifications requested by the municipality, decide not to proceed with the project, or refer the final layout to an appeal board. The appeal board shall consist of one member appointed by the commissioner, one member appointed by the governing body, and a third member agreed upon by both the commissioner and the governing body. If the commissioner and the governing body cannot agree upon the third member, the chief justice of the supreme court shall appoint a third member within 14 days of the request of the commissioner to appoint the third member.
- Subd. 3. **Appeal board.** Within 30 days after referral of the final layout, the appeal board shall hold a hearing at which the commissioner and the governing body may present the case for or against approval of the final layout referred. Not later than 60 days after the hearing, the appeal board shall recommend approval, recommend approval with modifications, or recommend disapproval of the final layout, making additional recommendations consistent with state and federal requirements as it deems appropriate. It shall submit a written report containing its findings and recommendations to the commissioner and the governing body.

161.165 COMMISSIONER ACTION; INTERSTATE HIGHWAYS.

Subdivision 1. Applicability. This section applies to interstate highways.

- Subd. 2. **Action on approved final layout.** (a) If the appeal board recommends approval of the final layout or does not submit its findings and recommendations within 60 days of the hearing, in which case the final layout is deemed approved, the commissioner may prepare substantially similar final construction plans and proceed with the project.
- (b) If the final construction plans change access, traffic capacity, or acquisition of permanent right-of-way from the final layout approved by the appeal board, the commissioner shall submit the portion of the final construction plans that shows the changes, to the governing body for its approval or disapproval under section 161.164, subdivision 2.
- Subd. 3. **Action on final layout approved with changes.** (a) If, within 60 days, the appeal board recommends approval of the final layout with modifications, the commissioner may:
- (1) prepare final construction plans with the recommended modifications, notify the governing body, and proceed with the project;
 - (2) decide not to proceed with the project; or
- (3) prepare final construction plans substantially similar to the final layout referred to the appeal board, and proceed with the project. The commissioner shall, before proceeding with the project, file a written report with the governing body and the appeal board stating fully the reasons for doing so.
- (b) If the final construction plans contain changes in access or traffic capacity or require additional acquisition of permanent right-of-way from the final layout reviewed by the appeal board or the governing body, the commissioner shall resubmit the portion of the final construction plans that shows the changes, to the governing body for its approval or disapproval under section 161.164, subdivision 2.
- Subd. 4. **Action on disapproved final layout.** (a) If, within 60 days, the appeal board recommends disapproval of the final layout, the commissioner may either:
 - (1) decide not to proceed with the project; or
- (2) prepare final construction plans substantially similar to the final layout referred to the appeal board, notify the governing body and the appeal board, and proceed with the project. Before proceeding with the project, the commissioner shall file a written report with the governing body and the appeal board stating fully the reasons for doing so.
- (b) If the final construction plans contain changes in access or traffic capacity or require additional acquisition of permanent right-of-way from the final layout reviewed by the appeal board or the governing body, the commissioner shall resubmit the portion of the final construction plans that shows the changes, to the governing body for its approval or disapproval under section 161.164, subdivision 2.
- Subd. 5. **Final construction plans issued.** The commissioner shall send a complete set of final construction plans to the municipality at least 45 days before the bid opening for informational purposes.

161.166 COMMISSIONER ACTION; OTHER HIGHWAYS.

Subdivision 1. **Applicability.** This section applies to trunk highways that are not interstate highways.

- Subd. 2. Action on approved final layout. If the appeal board recommends approval of the final layout or does not submit its findings or recommendations within 60 days of the hearing, in which case the final layout is deemed approved, the commissioner may prepare substantially similar final construction plans and proceed with the project. If the final construction plans change access or traffic capacity or require additional acquisition of right-of-way from the final layout approved by the appeal board, the commissioner shall submit the portion of the final construction plan that shows the changes, to the governing body for its approval or disapproval under section 161.164, subdivision 2.
- Subd. 3. **Action on final layout approved with changes.** (a) If the appeal board approves the final layout with modifications, the commissioner may:
- (1) prepare final construction plans including the modifications, notify the governing body, and proceed with the project;
 - (2) decide not to proceed with the project; or
- (3) prepare a new final layout and resubmit it to the governing body for approval or disapproval under section 161.164, subdivision 2.
- (b) If the final construction plans contain changes in access or traffic capacity or require additional acquisition of permanent right-of-way from the final layout reviewed by the appeal board or the governing body, the commissioner shall resubmit the portion of the final construction plans that shows the changes, to the governing body for its approval or disapproval under section 161.164, subdivision 2.
- Subd. 4. **Action on disapproved final layout.** If the appeal board disapproves the final layout, the commissioner may:
 - (1) decide not to proceed with the project; or
- (2) prepare a new final layout and submit it to the governing body for approval or disapproval under section 161.164, subdivision 2.
- Subd. 5. **Final construction plans issued.** The commissioner shall send a complete set of final construction plans to the municipality at least 45 days before the bid opening for informational purposes.

History: 2001 c 191 s 7; 2020 c 83 art 1 s 51

161.167 REIMBURSEMENT OF EXPENSES.

Members of the appeal board shall submit to the commissioner an itemized list of the expenses incurred in disposing of matters presented to them. The appeal board members shall be reimbursed for all reasonable expenses incurred by them in the performance of their duties. The commissioner shall pay these costs out of the trunk highway fund.

Project Schedule – 4204-40

90% Detailed Design/ADA Detailed Design Submittal 100% Detailed Design/ADA Detailed Design Submittal Project Letting Begin Construction January 2023 July 2024 November 2024 Spring 2025

NOTES ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT COST	1	S	SP 4204-40 (A)	SP 4205-92 (B)	SP	139-010-016 (C)	SP	(D)	SP ·	139-111-007 (D)	SP 139-107-009 (D)	SF	2 139-115-005 (D)	100 MARS	% CITY OF HALL FUNDS (E)	100% CITY OF MARSHALL FUNDS (E)	100% CI MARSHAL (E	L FUNDS
				QUANTITY	AMOUNT QUANTITY	AMOUNT QUANTIT	Y AMOUNT	OHANTITY	AMOUNT	OHANTITY	AMOUNT	OHANTITY	AMOUNT	QUANTITY AMOUNT	OHANTITY	AMOUNT	QUANTITY	ATERMAIN AMOUNT	SANITARY SEWER QUANTITY AMOUNT	QUANTITY	AMOUNT
2011.601 AS BU 2021.501 MOBI		LUMP SUM	\$ 62,000.00 \$ 1,600,000.00	1	\$ 62,000.00 1 \$ 1,600,000.00 0.41	\$62,000.00 \$656,000.00 0.38	\$608.000.0	QUANTITI	AMOUNT	0.02	\$32,000.00	0.02	\$32,000.00			\$48,000.0		\$96,000,00	0.04 \$64,000.00		\$48,000.00
2031.502 FIELD 2101.502 CLEA	D OFFICE	EACH EACH	\$ 20,000.00 \$ 400.00	1 61	\$ 20,000.00 1 \$ 24,400.00 24	\$20,000.00 \$9,600.00 31	\$12,400.00	0		0.02	ψ32,000.00	0.02	ψ32,000.00	2 \$800		φ40,000.0	0.00	ψ30,000.00	0.04 904,000.00	4	\$1,600.00
2101.502 GRUE 2101.505 CLEA	IBBING	EACH ACRE	\$ 250.00 \$ 5,230.00	61	\$ 15,250.00 24 \$ 1,046.00 0.1	\$6,000.00 31 \$523.00 0.1	\$7,750.00 \$523.00	0						2 \$500	.00					4	\$1,000.00
2101.505 GRUE 2104.502 REMO	IBBING	ACRE EACH	\$ 4,540.00 \$ 570.00		\$ 908.00 0.1 \$ 7,980.00 6	\$454.00 0.1 \$3,420.00 7	\$454.00 \$3,990.00	0								\$570.0					
2104.502 REMO	IOVE VEHICULAR GATE	EACH	\$ 530.00	1	\$ 530.00 1	\$530.00	\$3,990.00	U							-	\$570.00	,				
2104.502 REMO	IOVE CONCRETE APRON IOVE BOLLARDS	EACH EACH	\$ 350.00 \$ 219.00	10	\$ 2,190.00 5	\$350.00 \$1,095.00 5	\$1,095.0	0													
	IOVE CONCRETE STRUCTURE	EACH EACH	\$ 71.00 \$ 612.00	7	\$ 497.00 1 \$ 6,732.00 3	\$71.00 6 \$1,836.00 8	\$426.00 \$4,896.00	0													
2104.502 REMO	IOVE CONCRETE STEPS IOVE MASONRY WALL	EACH EACH	\$ 140.00 \$ 200.00		\$ 1,400.00 4 \$ 200.00	\$560.00 6 1	\$840.00 \$200.00	0													
2104.502 REMO	IOVE MANHOLE OR CATCH BASIN IOVE DROP INLET	EACH EACH	\$ 620.00 \$ 560.00		\$ 61,380.00 31 \$ 2,800.00 2	\$19,220.00 40 \$1,120.00 2	\$24,800.00 \$1,120.00								1	\$1,860.0 \$560.0)		25 \$15,500.00		
2104.502 REMO	IOVE GATE VALVE & BOX IOVE CURB STOP & BOX	EACH EACH	\$ 345.00 \$ 350.00	29	\$ 10,005.00 \$ 7,000.00												29 20	\$10,005.00 \$7,000.00			-
2104.502 REMO 2104.502 REMO	IOVE SIGN	EACH EACH	\$ 770.00 \$ 60.00	61	\$ 4,620.00 \$ 3,660.00 31	\$1,860.00 23	\$1,380.00	0		1	\$60.00			3 \$180	.00 1	\$60.0	6	\$4,620.00		2	\$120.00
	IOVE SIGNAL SYSTEM A IOVE SIGNAL SYSTEM B	EACH EACH	\$ 14,000.00 \$ 14,000.00	1	\$ 14,000.00 \$ 14,000.00 1	\$14,000.00						1	\$14,000.00)							
2104.502 REMO	IOVE SIGNAL SYSTEM C IOVE SIGN PANEL	EACH EACH	\$ 14,000.00 \$ 55.00	1 17	\$ 14,000.00 \$ 935.00 3	\$165.00 14	\$14,000.00 \$770.00	0													
	IOVE SIGN PANEL SPECIAL IOVE WASTE RECEPTACLE	EACH EACH	\$ 55.00 \$ 30.00	2 2	\$ 110.00 1 \$ 60.00	\$55.00 1 2	\$55.00 \$60.00														
	IOVE MAIL BOX SUPPORT	EACH EACH	\$ 100.00 \$ 800.00	1 1	\$ 100.00 1 \$ 800.00	\$100.00											1	\$800.00			
2104.502 SALV	VAGE TREE GRATE VAGE DELINEATOR / MARKER	EACH EACH	\$ 275.00 \$ 32.00	8 2	\$ 2,200.00 8 \$ 64.00 2	\$2,200.00 \$64.00															
2104.502 SALV. 2104.502 SALV.	VAGE LIGHTING UNIT VAGE FLASHER SYSTEM	EACH EACH	\$ 500.00 \$ 1,000.00	11	\$ 5,500.00 10 \$ 1,000.00	\$5,000.00 1 1	\$500.00 \$1,000.00	0													
2104.502 SALV. 2104.502 SALV.	VAGE SIGN VAGE SIGN PANEL	EACH EACH	\$ 60.00 \$ 55.00		\$ 3,420.00 26 \$ 275.00	\$1,560.00 31 5	\$1,860.00 \$275.00	0													
2104.503 SAWI	VING CONCRETE PAVEMENT (FULL DEPTH) VING BIT PAVEMENT (FULL DEPTH)	LIN FT LIN FT	\$ 4.00 \$ 2.00	1380	\$ 5,520.00 490 \$ 6,040.00 900	\$1,960.00 680 \$1,800.00 1590	\$2,720.00	0		50 70	\$200.00 \$140.00			80 \$160	110 .00 130	\$440.0 \$260.0				50 250	\$200.00 \$500.00
2104.503 REMO		LIN FT LIN FT	\$ 20.00 \$ 20.00	4550 3830	\$ 91,000.00 \$ 76,600.00 1340	\$26,800.00 2110	\$42,200.00	0		150	\$3,000.00			50 \$1,000		\$3,600.0	4550	\$91,000.00			
2104.503 REMO	IOVE SEWER PIPE (SANITARY) IOVE CURB & GUTTER	LIN FT LIN FT	\$ 20.00 \$ 5.00	7010	\$ 140,200.00 \$ 108,450.00 9920	\$49,600.00 9770	\$48.850.00	0		530	\$2,650.00			360 \$1,800		\$3,750.0			7010 \$140,200.00	360	\$1,800.00
2104.503 REMO	IOVE CONCRETE CURB	LIN FT LIN FT		130	\$ 975.00 50 \$ 18,560.00 160	\$375.00 70 \$18,560.00	\$525.0	0			ψ2,000.00			10 \$75		\$0,700.0				000	ψ1,000.00
2104.503 REMO	IOVE CHAIN LINK FENCE TE ASBESTOS-CONTAINING PIPES	LIN FT LIN FT	\$ 11.50 \$ 35.00	40	\$ 460.00 40 \$ 7,700.00	\$460.00 220	\$7,700.00	n													
2104.503 SALV	VAGE CHAIN LINK FENCE	LIN FT LIN FT	\$ 32.00 \$ 25.00	30	\$ 960.00 30	\$960.00 \$2,000.00	\$7,700.00	U													
2104.503 SALV. 2104.504 REMO	VAGE WOODEN FENCE IOVE PAVEMENT	SQ YD	\$ 25.00 \$ 8.00 \$ 13.00	27410	\$ 219,280.00 9950	\$79,600.00 17460	\$139,680.0	0		200	40.000.00				400	04.000.0					
2104.504 REMO	IOVE CONCRETE DRIVEWAY PAVEMENT IOVE CONCRETE PAVEMENT IOVE CONCRETE APPROACH PANEL	SQ YD SQ YD	\$ 8.00 \$ 38.00	600	\$ 47,450.00 1320 \$ 4,800.00 150 \$ 80,560.00 2120	\$17,160.00 1970 \$1,200.00 450	\$25,610.00 \$3,600.00	0		230	\$2,990.00				130	\$1,690.0	,				
2104.504 REMO	OVE BITUMINOUS DRIVEWAY PAVEMENT OVE BITUMINOUS PAVEMENT	SQ YD SQ YD SQ YD	\$ 7.00	2120 3430 28430	\$ 80,560.00 2120 \$ 24,010.00 2330 \$ 150,679.00 16350	\$80,560.00 \$16,310.00 \$86,655.00 8280	\$6,370.00 \$43,884.00	0		040	\$4,982.00			40 \$280 690 \$3,657	.00 150 .00 1420	\$1,050.00 \$7,526.00				750	00.075.00
2104.518 REMO	IOVE BITUMINOUS WALK	SQ FT	\$ 1.20 \$ 1.60	440	\$ 528.00 440	\$528.00		0		940						\$2,464.0	,				\$3,975.00
2104.602 SALV	IOVE CONCRETE WALK VAGE SIGN SPECIAL VAGE SIGN PANEL SPECIAL	SQ FT EACH EACH	\$ 1.60 \$ 60.00 \$ 55.00	9	\$ 540.00 4	\$240.00 5	\$75,200.00 \$300.00 \$275.00	0		600	\$960.00			760 \$1,216	.00 1540	\$2,464.0	,			1160	\$1,856.00
2104.602 REMO	IOVE MISCELLANEOUS STRUCTURES	EACH	\$ 2,400.00	13	\$ 31,200.00 2	\$165.00 5 \$4,800.00 10	\$24,000.00	0							1	\$2,400.0		\$40.050.00			
2104.604 SALV	NDON WATER MAIN /AGE LANDSCAPE ROCK IOVE BRICK PAVERS	LIN FT SQ YD SQ FT	\$ 15.00 \$ 55.00 \$ 2.60	2870 2500 3150	\$ 43,050.00 \$ 137,500.00 1270 \$ 8,190.00 3150	\$69,850.00 1190 \$8,190.00	\$65,450.00	0							40	\$2,200.0	2870	\$43,050.00			
2104.618 REMO	IOVE STONE PAVERS	SQ FT	\$ 7.00	150	\$ 1,050.00 150	\$1,050.00															
2104.618 SALV	VAGE CONCRETE BLOCK RETAINING WALL WAGE CONCRETE PAVERS	SQ FT SQ FT	\$ 15.00 \$ 12.00	20	\$ 150.00 10 \$ 240.00	\$150.00 20	\$240.00	0													
2106.507 EXCA	VAGE BRICK PAVERS AVATION - COMMON	SQ FT (P) CU YD	\$ 10.00 \$ 13.00	71269	\$ 200.00 \$ 926,497.00 35747	20 \$464,711.00 31241	\$200.00 \$406,133.00	0		1031	\$13,403.00			672 \$8,736	.00 1233	\$16,029.0)			1345	\$17,485.00
2106.507 SELE 2106.507 COMP	ECT GRANULAR EMBANKMENT (CV) IMON EMBANKMENT (CV)	(P) CU YD (P) CU YD	\$ 23.00	55900 4023	\$ 1,285,700.00 27171 \$ 26,149.50 2066	\$624,933.00 24829 \$13,429.00 1343	\$571,067.00 \$8,729.50	0		898 319	\$20,654.00 \$2,073.50			424 \$9,752 42 \$273	.00 1233 .00 55	\$28,359.0 \$357.5)			1345 198	\$30,935.00 \$1,287.00 \$4,300.00
2118.507 AGGF	ITEXTILE FABRIC TYPE 10 REGATE SURFACING (CV) CLASS 1	SQ YD CU YD	\$ 5.00 \$ 46.00	50	\$ 257,250.00 25980 \$ 2,300.00 50	\$129,900.00 23550 \$2,300.00		0 140	\$700.0	0 920	\$4,600.00									860	
2301.502 DOW		CU YD EACH	\$ 36.00 \$ 11.00	33550	\$ 420,120.00 5542 \$ 369,050.00 17070	\$199,512.00 5225 \$187,770.00 14990	\$188,100.00 \$164,890.00	0		203 770	\$7,308.00 \$8,470.00			151 \$5,436	.00 343	\$12,348.0)			206 720	\$7,416.00 \$7,920.00
2301.508 SUPP	ICRETE PAVEMENT 8.0" PLEMENTAL PAVEMENT REINFORCEMENT	SQ YD POUND	\$ 70.00 \$ 2.40	44140 55320	\$ 3,089,800.00 22180 \$ 132,768.00 19810	\$1,552,600.00 20380 \$47,544.00 30870	\$1,426,600.00 \$74,088.00	0 140	\$9,800.0	0 740 2160	\$51,800.00 \$5,184.00									700 2480	\$49,000.00 \$5,952.00
2302.502 DRILL	.L & GROUT DOWEL BAR (EPOXY COATED) .L & GROUT REINF BAR (EPOXY COATED)	EACH EACH	\$ 17.00	140	\$ 2,990.00 50 \$ 2,380.00 70	\$1,150.00 80 \$1,190.00 50	\$1,840.00 \$850.00	0		10	\$170.00									10	\$170.00
2406.503 EXPA	E SP 12.5 WEARING COURSE MIX (3 B) ANSION JOINTS DESIGN E8	TON LIN FT	\$ 127.00	80	\$ 252,030.00 840 \$ 10,160.00 80	\$78,120.00 1030 \$10,160.00				10	\$930.00			250 \$23,250	.00 510	\$47,430.0)			70	\$6,510.00
2411.502 CONG	OGE APPROACH PANELS ICRETE STAIRWAY	SQ YD EACH	\$ 285.00 \$ 2,750.00	440 8	\$ 125,400.00 190 \$ 22,000.00 4 \$ 300.00 10	\$54,150.00 250 \$11,000.00 4	\$71,250.00 \$11,000.00	0													
2475.503 PIPE		SQ FT LIN FT	\$ 30.00 \$ 180.00	10	\$ 2,340.00 6	\$300.00 \$1,080.00 7	\$1,260.00 \$1,350.00	0													
2501.502 15" RI 2501.502 24" RI	RC PIPE APRON	EACH EACH	\$ 1,350.00 \$ 1,700.00	1	\$ 2,700.00 1 \$ 1,700.00 1	\$1,350.00 1 \$1,700.00	\$1,350.00	U													
2501.502 30" Ri 2501.502 42" Ri	RC PIPE APRON	EACH EACH	\$ 2,250.00 \$ 4,000.00	1	\$ 2,250.00 1 \$ 4,000.00	\$2,250.00	\$4,000.00	0													
2501.502 60" Re 2502.503 4" PE	KU PIPE APRON ERF TP PIPE DRAIN	EACH LIN FT	\$ 6,250.00 \$ 9.00	18473	\$ 6,250.00 1 \$ 166,257.00 8517	\$6,250.00 \$76,653.00 8400	\$75,600.00	0		335	\$3,015.00			317 \$2,853	.00 632	\$5,688.0)			272	\$2,448.00
2503.503 4" PV		LUMP SUM LIN FT		1 1326	\$ 8,000.00 0.5 \$ 13,260.00	\$4,000.00 0.5	\$4,000.00	U											1326 \$13,260.00		
2503.503 6" PV 2503.503 8" PV	/C PIPE SEWER	LIN FT LIN FT		4297	\$ 29,000.00 \$ 257,820.00														725 \$29,000.00 4297 \$257,820.00		
2503.503 10" P 2503.503 12" P	PVC PIPE SEWER	LIN FT	\$ 65.00 \$ 70.00		\$ 1,300.00 \$ 47,110.00														20 \$1,300.00 673 \$47,110.00		
2503.503 15" P ¹ 2503.503 18" P ¹	PVC PIPE SEWER	LIN FT	\$ 45.00 \$ 175.00	746	\$ 1,125.00 \$ 130,550.00														25 \$1,125.00 746 \$130,550.00		
	SPAN RC PIPE-ARCH SEWER CL IIIA	LIN FT	\$ 55.00 \$ 280.00	80	\$ 2,420.00 \$ 22,400.00	80	\$22,400.00	0											44 \$2,420.00		
2503.503 44" SI	SPAN RC PIPE-ARCH SEWER CL IIA SPAN RC PIPE-ARCH SEWER CL IIIA	LIN FT LIN FT	\$ 360.00 \$ 415.00		\$ 27,720.00 \$ 19,090.00															77 46	\$27,720.00 \$19,090.00
2503.503 73" SI 2503.503 12" RI	SPAN RC PIPE-ARCH SEWER CL IIA RC PIPE SEWER DES 3006 CL V RC PIPE SEWER DES 3006 CL V	LIN FT LIN FT	\$ 700.00 \$ 84.00	178 123 5117	\$ 124,600.00 178 \$ 10,332.00 84 \$ 460,530.00 2614	\$124,600.00 \$7,056.00 39	\$3,276.00	0													
2503.503 18" R	RC PIPE SEWER DES 3006	LIN FT	\$ 90.00 \$ 90.00	369	\$ 33,210.00	\$235,260.00 2347 369	\$211,230.00 \$33,210.00	0		32	\$2,880.00			52 \$4,680	.00 31	\$2,790.0	,			41	\$3,690.00
2503.503 18" R	RC PIPE SEWER DES 3006 CL III RC PIPE SEWER DES 3006 CL V	LIN FT	\$ 95.00 \$ 105.00	61	\$ 43,890.00 291 \$ 6,405.00 45	\$27,645.00 171 \$4,725.00 16	\$16,245.00 \$1,680.00	0													
2503.503 21" Ri 2503.503 21" Ri	RC PIPE SEWER DES 3006 RC PIPE SEWER DES 3006 CL III RC PIPE SEWER DES 3006	LIN FT	\$ 105.00 \$ 110.00	473	\$ 68,355.00 268 \$ 52,030.00 441	\$28,140.00 383 \$48,510.00 32	\$40,215.00 \$3,520.00	0													
2503.503 24" R	RC PIPE SEWER DES 3006 CL III	LIN FT LIN FT	\$ 130.00 \$ 140.00	264 240	\$ 34,320.00 122 \$ 33,600.00 49	\$15,860.00 142 \$6,860.00 191	\$18,460.0I \$26,740.0I														
2503.503 30" R	RC PIPE SEWER DES 3006 CL III RC PIPE SEWER DES 3006	LIN FT LIN FT	\$ 180.00 \$ 190.00	565	\$ 30,240.00 45 \$ 107,350.00 159	\$8,100.00 123 \$30,210.00 406	\$22,140.00 \$77,140.00														
	RC PIPE SEWER DES 3006 CL III RC PIPE SEWER DES 3006 CL V RC PIPE SEWER DES 3006	LIN FT LIN FT	\$ 200.00 \$ 250.00 \$ 240.00		\$ 2,400.00 \$ 33,000.00 77	\$19,250.00 55 36	\$13,750.00 \$8,640.00	0		12	\$2,400.00										
2503.503 36" R	RC PIPE SEWER DES 3006	LIN FT	\$ 240.00	94	\$ 22,560.00	36	\$8,640.00	0		1					58	\$13,920.0)				

NOTES ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT COST		TOTAL			P 4204-40 (A)		2 4205-92 (B)	SP	139-010-016 (C)	SP	(D)	SP	139-111-007 (D)	SP 139-10 (D)		SP ·	139-115-005 (D)	MAR	D% CITY OF SHALL FUNDS (E) VATERMAIN		,	MARSHA	CITY OF ALL FUNDS (E)
2503 503	36" RC PIPE SEWER DES 3006 CL III	LIN FT	\$ 260.00	QUANTITY 0 113			ANTITY 30		ANTITY 30	AMOUNT \$7,800.00	QUANTITY	AMOUNT	QUANTITY 53	AMOUNT \$13,780.00	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
2503.503	42" RC PIPE SEWER DES 3006 42" RC PIPE SEWER DES 3006 CL III	LIN FT LIN FT	\$ 300.00 \$ 320.00	0 129	\$	38,700.00 300,480.00		1	129 704	\$38,700.00 \$225,280.00			156	\$49,920.00											79	\$25,280.00
2503.503	48" RC PIPE SEWER DES 3006 60" RC PIPE SEWER DES 3006	LIN FT LIN FT	\$ 360.00 \$ 520.00	0 128	\$	46,080.00	74 85	\$26,640.00 \$44,200.00						,,											54	\$19,440.00
2503.503	72" RC PIPE SEWER DES 3006 CL II 72" RC PIPE SEWER DES 3006 CL III	LIN FT LIN FT	\$ 700.00 \$ 750.00	0 191	\$	133,700.00 186,750.00	00		220	\$165,000.00							29	\$21.7E0.0	191	\$133,700.00						
2503.503	84" RC PIPE SEWER DES 3006 CL V CONNECT TO EXISTING SANITARY SEWER	LIN FT EACH	\$ 1,350.00 \$ 1,900.00	0 40	\$	54,000.00 51,300.00			220	\$105,000.00							29	\$21,750.00	40	\$54,000.00			27	454 000 00		
2503.602	CONNECT TO EXISTING MANHOLES (SAN)	EACH	\$ 1,700.00	0 8	\$	13,600.00																	8	\$51,300.00 \$13,600.00		
2503.602	CONNECT TO EXISTING STORM SEWER CONNECT TO EXISTING SANITARY SEWER SER	EACH EACH	\$ 1,500.00 \$ 1,250.00	0 22 0 62	\$	33,000.00 77,500.00	9	\$13,500.00	6	\$9,000.00			2	\$3,000.00			1	\$1,500.00	3	\$4,500.00			62	\$77,500.00	1	\$1,500.00
2503.603	PLUG FILL & ABANDON PIPE SEWER 18" STEEL CASING PIPE	LIN FT LIN FT	\$ 25.00 \$ 375.00	2340 0 38	\$	14,250.00	90	\$2,250.00	30	\$750.00													2220 38	\$55,500.00 \$14,250.00		
	20" STEEL CASING PIPE 22" STEEL CASING PIPE	LIN FT LIN FT	\$ 410.00 \$ 485.00		\$	17,220.00 5,820.00																+	42 12	\$17,220.00 \$5,820.00		
2503.603 2503.603	28" STEEL CASING PIPE 36" STEEL CASING PIPE	LIN FT LIN FT	\$ 485.00 \$ 510.00		\$ \$	7,760.00 4,590.00																	16 9	\$7,760.00 \$4,590.00		
2504.602	CONNECT TO EXISTING WATER MAIN CONNECT TO EXISTING WATER SERVICE	EACH EACH	\$ 2,800.00 \$ 250.00	0 36	\$	100,800.00 8,250.00															36 33	\$100,800.00 \$8,250.00		7.1		
2504.602	HYDRANT ADJUST HYDRANT	EACH EACH	\$ 8,500.00 \$ 2,230.00		\$	110,500.00 8,920.00															13	\$110,500.00				
2504.602	ADJUST GATE VALVE & BOX 1" CORPORATION STOP	EACH	\$ 2,230.00 \$ 430.00 \$ 200.00	0 30	\$	12,900.00 6,000.00															30	\$8,920.00 \$12,900.00				
2504.602 2504.602	4" GATE VALVE & BOX 6" GATE VALVE & BOX	EACH EACH	\$ 2,660.00	0 1	\$	2,660.00															30	\$6,000.00 \$2,660.00				
2504.602	8" GATE VALVE & BOX	EACH EACH	\$ 3,200.00 \$ 5,000.00		\$	73,600.00 65,000.00															23 13	\$73,600.00 \$65,000.00				
2504.602	10" GATE VALVE & BOX ADJUST CURB STOP	EACH EACH	\$ 1,400.00 \$ 250.00		\$	4,200.00 3,250.00															3 13	\$4,200.00 \$3,250.00				
2504.602	1" CURB STOP & BOX 1" TYPE PE PIPE	EACH LIN FT	\$ 1,200.00 \$ 55.00		\$	36,000.00 72,380.00												-	1		30 1316	\$36,000.00 \$72,380.00				
2504.603 2504.603	6" PVC WATERMAIN 8" PVC WATERMAIN	LIN FT LIN FT	\$ 95.00 \$ 90.00	1239		117,705.00 329,490.00															1239 3661	\$117,705.00 \$329,490.00				
2504.603	10" PVC WATERMAIN 16" PVC WATERMAIN	LIN FT LIN FT	\$ 65.00 \$ 70.00	1331	\$	86,515.00 15,190.00															1331 217	\$86,515.00 \$15,190.00				
2504.604	4" INSULATION	SQ YD	\$ 75.00	271.2		20,340.00 1	171.0	\$12,825.00 8	86.0	\$6,450.00															14.2	\$1,065.0
2506.502	WATERMAIN FITTINGS CONST DRAINAGE STRUCTURE DESIGN SPEC 1	POUND EACH	\$ 20.00 \$ 7,500.00	0 9			6	\$45,000.00	3	\$22,500.00											5263	\$105,260.00				
2506.502	CONST DRAINAGE STRUCTURE DESIGN SPEC 2 CASTING ASSEMBLY	EACH EACH	\$ 2,000.00 \$ 1,100.00	0 239	\$	4,000.00 262,900.00	1 96	\$2,000.00 \$105,600.00	1	\$2,000.00 \$132,000.00			5	\$5,500.00			3	\$3,300.00	0 10	\$11,000.00					5	\$5,500.00
2506.502	ADJUST FRAME & RING CASTING CONST DRAINAGE STRUCTURE DESIGN G	EACH LIN FT	\$ 700.00 \$ 700.00	8 0	\$	5,600.00	97.7		88	\$61,600.00									<u> </u>				8	\$5,600.00		
2506.503	CONST DRAINAGE STRUCTURE DESIGN H CONST DRAINAGE STRUCTURE DESIGN J	LIN FT	\$ 600.00 \$ 700.00		\$		43.6		76.5	\$45,900.00									7.3	\$5 110 00						
2506.503 2506.503		LIN FT LIN FT	\$ 600.00			68,460.00	43.7		48.1 19.2	\$28,860.00			3.7	\$2,220.00			7.5	\$4,500.00		\$4,440.00					3.7	\$2,220.00
	CONST DRAINAGE STRUCTURE DESIGN SD-60	LIN FT	\$ 1,000.00 \$ 1,400.00	0 45.7		63,980.00	15.6	\$21,840.00 1	19.3	\$19,200.00 \$27,020.00			10.8	\$15,120.00												
	CONST DRAINAGE STRUCTURE DESIGN SD-72 CONST DRAINAGE STRUCTURE DESIGN SD-84	LIN FT LIN FT	\$ 1,800.00 \$ 2,200.00		\$	56,320.00	5.1	1	77.0 12.9	\$138,600.00 \$28,380.00			6.3	\$13,860.00											9.3 6.4	\$16,740.00 \$14,080.00
	CONST DRAINAGE STRUCTURE DESIGN SD-96 CONST DRAINAGE STRUCTURE DESIGN SD-108	LIN FT LIN FT	\$ 2,500.00 \$ 3,800.00	0 14.2	\$	53,960.00	15.4 14.2	\$38,500.00 \$53,960.00	7.1	\$17,750.00																
2506.503 2506.503	CONST DRAINAGE STRUCTURE DES SD-144 CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT LIN FT	\$ 6,500.00 \$ 850.00				6.7 90.4	\$43,550.00 \$76,840.00	41.5	\$120,275.00																
2506.503	CONST DRAINAGE STRUCTURE DES 54-4020 CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT LIN FT	\$ 1,050.00 \$ 1,300.00	0 61.5 0 75.5	\$	64,575.00	40.7 25.9	\$42,735.00	14.6 27.1	\$15,330.00 \$35,230.00			6.2	\$6,510.00					22.5	\$29,250.00						
2506.503	CONST DRAINAGE STRUCTURE DES 66-4020 CONST DRAINAGE STRUCTURE DES 72-4020	LIN FT LIN FT	\$ 1,400.00 \$ 1,500.00	0 23.4	\$	32,760.00	9.1		6.4 8.1	\$8,960.00 \$12,150.00									9.9	\$13,860.00					7.1	\$9,940.00
2506.503	CONST DRAINAGE STRUCTURE DES 78-4020 CONST DRAINAGE STRUCTURE DES 84-4020 CONST DRAINAGE STRUCTURE DES 84-4020	LIN FT LIN FT	\$ 1,600.00 \$ 1,800.00	0 8.1	\$	12,960.00		4	8.1	\$12,960.00 \$59,940.00																
2506.503	CONST DRAINAGE STRUCTURE DES 108-4020	LIN FT	\$ 3,500.00	0 60	\$	210,000.00	5.5		32	\$112,000.00							16	\$56,000.00	0 12 32.9	\$42,000.00						
	CONST DRAINAGE STRUCTURE DES 144-4020 RECONSTRUCT DRAINAGE STRUCTURE	LIN FT EACH	\$ 6,000.00 \$ 1,170.00	0 32.9	\$	197,400.00 3,510.00													32.9	\$197,400.00					3	\$3,510.00
2511.504	CONNECT INTO EXISTING DRAINAGE STRUCTURE GEOTEXTILE FILTER TYPE 4	EACH SQ YD	\$ 1,800.00 \$ 10.00		\$	1,800.00 2,438.00	168	\$1,800.00 \$1,680.00	76	\$758.00																-
	RANDOM RIPRAP CLASS II RANDOM RIPRAP CLASS III	CU YD CU YD	\$ 120.00 \$ 120.00		\$		19 31.4		3.4 20.4	\$408.00 \$2,448.00																
2521.518	6" CONCRETE WALK 7" CONCRETE WALK	SQ FT SQ FT	\$ 10.00 \$ 11.00		\$ 1,	,160,360.00 54	4061 370		5434	\$554,340.00			2510	\$25,100.00			772	\$7,720.00	1512	\$15,120.00					1747	\$17,470.00
2521.602	DRILL & GROUT REINF BAR (EPOXY COATED) CONCRETE CURB RAMP WALK	EACH SQ FT	\$ 17.00 \$ 17.00	3796		64,532.00 1	1524		2042 1316	\$34,714.00 \$192,372.00			104 648	\$1,768.00 \$11,016.00			12	\$204.00	30	\$510.00 \$1,003.00					84 413	\$1,428.00 \$7,021.00
2531.503	CONCRETE CURB & GUTTER DESIGN B418	LIN FT	\$ 31.00	69	\$	2,139.00	8146										69	\$2,139.00	0	\$1,003.00						
2531.503	CONCRETE CURB & GUTTER DESIGN B424 CONCRETE CURB & GUTTER DESIGN B612	LIN FT	\$ 26.00 \$ 28.00	50	\$	1,400.00	1298 50	\$1,400.00	2320	\$60,320.00			84	\$2,184.00			1	\$26.00	U						77	\$2,002.00
2531.503	CONCRETE CURB & GUTTER DESIGN B618 CONCRETE CURB & GUTTER DESIGN B624	LIN FT LIN FT		12795		409,440.00 7	350 7387	\$236,384.00 4	1006 4583	\$30,180.00 \$146,656.00			349	\$11,168.00			270 93	\$8,100.00 \$2,976.00	0 569 0 88	\$17,070.00 \$2,816.00					18 295	\$540.00 \$9,440.00
2531.503 2531.503	CONCRETE CURB & GUTTER DESIGN D424 CONCRETE CURB & GUTTER DESIGN R424	LIN FT LIN FT	\$ 28.00	364	\$	10,192.00	282 364	\$7,896.00 \$10,192.00																		
2531.504 2531.504	6" CONCRETE DRIVEWAY PAVEMENT 8" CONCRETE DRIVEWAY PAVEMENT	SQ YD SQ YD	\$ 80.00	1239	\$	99,120.00	734 1364	\$58,720.00	505 1963	\$40,400.00 \$188,448.00			208	\$19,968.00					215	\$20,640.00					174	\$16,704.0
2531.603	CONCRETE SILL	LIN FT LIN FT	\$ 10.00 \$ 38.00	4286	\$	42,860.00 2	2026 1240	\$20,260.00 1	1934 1877	\$19,340.00 \$71,326.00			62 97	\$620.00 \$3,686.00					210 38	\$2,100.00 \$1,444.00					54 79	\$540.00 \$3,002.00
2531.603	CONCRETE CURB DESIGN V 6" CONCRETE VALLEY GUTTER	LIN FT SQ YD		65	\$		27		38	\$2,242.00 \$690.00				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						2.3						
2531.618	TRUNCATED DOMES RELOCATE MAIL BOX SUPPORT	SQ FT EACH		2332	\$	116,600.00	935	\$46,750.00 1 \$250.00	1225	\$61,250.00			86	\$4,300.00					26	\$1,300.00					60	\$3,000.0
2540.604	INSTALL LANDSCAPE ROCK	SQ YD	\$ 55.00	2500	\$	137,500.00 1	1270		1190	\$65,450.00									40	\$2,200.00						
2540.618	INSTALL CONCRETE PAVERS INSTALL BRICK PAVERS	SQ FT SQ FT	\$ 35.00 \$ 25.00	20	\$	700.00 500.00			20	\$700.00 \$500.00																
2545.501	LIGHTING SYSTEM LIGHTING SYSTEM "A"	LUMP SUM LUMP SUM	\$ 192,060.00	0 1	\$	313,470.00 192,060.00	1	\$313,470.00	1	\$192,060.00																
2545.501	LIGHTING SYSTEM "B" LIGHTING SYSTEM "C"	LUMP SUM LUMP SUM	\$ 9,280.00	0 1	\$	10,300.00 9,280.00							1	\$10,300.00											1	\$9,280.0
2545.501	LIGHTING SYSTEM "D" GUIDE POST TYPE B	LUMP SUM EACH		0 1	\$	3,500.00 800.00	5	\$500.00	2	\$200.00									1 1	\$3,500.00 \$100.00						
2557.502	VEHICULAR GATE-DOUBLE WIRE FENCE DESIGN 72-9322	EACH LIN FT	\$ 3,500.00 \$ 35.00		S S	3,500.00	1 250	\$3,500.00 \$8,750.00																		
2557.603 2557.603	INSTALL CHAIN LINK FENCE INSTALL WOODEN FENCE	LIN FT LIN FT	\$ 27.00	30	\$	810.00	30 80	\$810.00 \$3,200.00																		
2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	\$ 120,000.00	0 1		120,000.00	1	\$120,000.00																		
2563.601	TRAFFIC CONTROL ALTERNATE PEDESTRIAN ROUTE	LUMP SUM LUMP SUM	\$ 7,500.00		\$		1	\$600,000.00 \$7,500.00		<u>.</u>																
2564.602	INSTALL SIGN PANEL INSTALL SIGN	EACH EACH	\$ 310.00 \$ 400.00	0 5 0 57	\$	1,550.00 22,800.00	26	\$10,400.00	5 31	\$1,550.00 \$12,400.00																
	INSTALL SIGN SPECIAL INSTALL SIGN PANEL SPECIAL	EACH EACH	\$ 400.00 \$ 310.00	0 9 0 8	\$	3,600.00	3	\$1,600.00 \$930.00	5	\$2,000.00 \$1,550.00																
2564.602	INSTALL DELINEATOR / MARKER DELINEATOR / MARKER	EACH EACH	\$ 150.00 \$ 210.00	0 2	\$		2	\$300.00	8	\$1,680.00		<u> </u>								_		1				
	DELINEATOR / MARKER PANEL	EACH SQ FT	\$ 110.00	0 9	\$	990.00	4	\$440.00 \$8,790.00	3 94.3	\$330.00 \$5,655.00			1 34.9	\$110.00 \$2,094.00			7.5	\$450.00	0 7.5	\$450.00					1 28.9	\$110.0 \$1,734.0
2564.618	SIGN PANEL EMERGENCY VEHICLE PREEMPTION SYSTEM A	SQ FT		15.69			9.7		6	\$258.00			55	ψε,υστ.υυ	1	\$10,000.00		φτου.01	1	\$450.00						Ψ1,734.0
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM B	LUMP SUM	\$ 10,000.00	0 1	\$	10,000.00	1	\$10,000.00		A4					'	\$10,000.00										
2565.516	EMERGENCY VEHICLE PREEMPTION SYSTEM C TRAFFIC CONTROL SIGNAL SYSTEM A	LUMP SUM SYSTEM	\$ 315,000.00	0 1	\$	10,000.00 315,000.00			1	\$10,000.00					1	\$315,000.00										
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM B	SYSTEM	\$ 379,000.00	1	\$	379,000.00	1	\$379,000.00			l		L				l		1		l					

NOTES ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT COST		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL				SP 4204-40 (A)		SP 4205-92 (B)	SP 1	139-010-016 (C)	SP ·	139-122-007 (D)		39-111-007 (D)	SP	139-107-009 (D)	SP	139-115-005 (D)	MARSHA	CITY OF ALL FUNDS (E)				% CITY OF HALL FUNDS (E)
110120 112111110	TEM BESSIAN IISN	51111	0																	WAT	ERMAIN	SAN	IITARY SEWER		OTHER										
				QUANTITY		QUANTITY	AMOUNT	QUANTITY		QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT										
	TRAFFIC CONTROL SIGNAL SYSTEM C	SYSTEM		1	\$ 346,000.00			1	\$346,000.00																										
2565.602	INSTALL FLASHER SYSTEM	EACH	\$ 1,500.00	1	\$ 1,500.00					1	\$1,500.00																								
2565.616	PEDESTRIAN CROSSWALK FLASHER SYSTEM A	SYSTEM	\$ 45,000.00	1	\$ 45,000.00					1	\$45,000.00																								
	PEDESTRIAN CROSSWALK FLASHER SYSTEM B	SYSTEM	\$ 15,000.00	1	\$ 15,000.00					1	\$15,000.00						2000																		
2572.503	TEMPORARY FENCE	LIN FT	\$ 3.30	1690	\$ 5,577.00	1050	\$3,465.00	520	\$1,716.00							120	\$396.00	0																	
	CLEAN ROOT CUTTING	LIN FT			\$ 3,348.00	300	\$1,620.00	170	\$918.00							150	\$810.00	U																	
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	\$ 16,000.00	1	\$ 16,000.00	1 04	\$16,000.00		800 700 00			l	A700.00	-			A700.0		84 500 0																
2573.502	STORM DRAIN INLET PROTECTION SILT FENCE TYPE HI	EACH LIN FT		230	\$ 40,710.00 \$ 600.00	91 200	\$16,107.00 \$600.00	117	\$20,709.00			4	\$708.00	-		4	\$708.00	0 9	\$1,593.0	U				5	\$885.00										
			\$ 3.00				\$4.080.00	400	\$0.000.00													_													
2573.503	FLOTATION SILT CURTAIN TYPE MOVING WATER SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT LIN FT	\$ 24.00	290	\$ 6,960.00 \$ 11.718.00	170	\$4,080.00 \$6.541.00	120 1480	\$2,880.00 \$4,588.00									190	\$589.0	0															
				3780	. ,	2110							044.00			0.05	044.0	0 0.1		0		_		0.4	800.0										
2574.505	SUBSOILING SOIL BED PREPARATION	ACRE ACRE	\$ 220.00 \$ 178.90		\$ 682.00 \$ 1,663.77	1.5 4.4	\$319.00 \$787.16	1.2 3.5	\$264.00 \$626.15			0.2	\$44.00 \$107.34	l +		0.05	\$11.00		\$22.0 \$53.6	7		-		0.1	\$22.00 \$53.67										
	FERTILIZER TYPE 3	POUND	\$ 170.90	1910	\$ 1,003.77	850	\$767.10	740	\$518.00			140	\$98.00			40	\$28.00		\$49.0					70	\$53.67 \$49.00										
	FERTILIZER TYPE 4	POUND	¢ 1.00	100	\$ 1,337.00	70	\$393.00 \$70.00	30	\$30.00			140	\$90.00	-		40	φ20.00	70	\$45.U	U				70	\$49.00										
	ROLLED EROSION PREVENTION CATEGORY 25	SQ YD	\$ 1.00	2150	\$ 3.655.00	1610	\$2,737.00	540	\$918.00											 															
2575.505		ACRE	\$ 300.00	6.1	\$ 1,830.00	2.9	\$870.00	2.3	\$690.00			0.4	\$120.00			0.1	\$30.00	0 0.2	\$60.0	0				0.2	\$60.00										
2575.505		ACRE	Ψ 000.00	12.2		5.8	\$324.80	4.6	\$257.60			0.4	\$44.80			0.1	\$11.20		\$22.4					0.4	\$22.40										
	WEED SPRAYING	ACRE	\$ 190.00	3.2	\$ 608.00	1.5	\$285.00	1.2	\$228.00			0.2	\$38.00			0.2	\$19.00		\$19.0					0.1	\$19.00										
	WEED SPRAY MIXTURE	GALLON	\$ 86.00	1.4		0.3	\$25.80	0.7	\$60.20			0.1	\$8.60			0.1	\$8.60		\$8.6					0.1	98.80										
	SEED MIXTURE 25-131	POUND	\$ 5.20	1230	\$ 6,396.00	540	\$2.808.00	470	\$2,444.00			90	\$468.00			30	\$156.00		\$260.0					50	\$260.00										
	SEED MIXTURE 33-261	POUND	\$ 25.50	30	\$ 765.00	20	\$510.00	10	\$255.00				\$100.00			- 00	ψ100.01	00	Q200.01	1					φ200.00										
	SEED MIXTURE 35-241	POUND	\$ 16.00		\$ 480.00	20	\$320.00	10	\$160.00																										
	HYDRAULIC BONDED FIBER MATRIX	POUND	\$ 1.15	18900	\$ 21.735.00	8400	\$9,660.00	7350	\$8,452.50			1400	\$1,610.00			350	\$402.50	0 700	\$805.0	0				700	\$805.00										
	MULCH MATERIAL TYPE 3	TON	\$ 205.00	0.6	\$ 123.00	0.4	\$82.00	0.2	\$41.00				*.,				*																		
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	\$ 610.00	36.6	\$ 22,326.00	17.4	\$10.614.00	13.8	\$8,418.00			2.4	\$1,464.00			0.6	\$366.00	0 1.2	\$732.0	0				1.2	\$732.00										
2575.607	LANDSCAPE ROCK	CU YD	\$ 160.00	30	\$ 4,800,00	30	\$4.800.00		1.7																										
2582.503	MOBILE RETROREFLECTOMETER MEASUREMENTS	LIN FT	\$ 0.02	28734	\$ 574.68	12658	\$253.16	13321	\$266.42			897	\$17.94			485	\$9.70	0 668	\$13.3	6				705	\$14.10										
2582.503	4" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	\$ 0.90	7342	\$ 6,607.80	3124	\$2,811.60	4151	\$3,735.90							19	\$17.10	0 48	\$43.2	0					******										
2582.503	6" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	\$ 1.20	2714	\$ 3,256.80	1967	\$2,360.40	188	\$225.60			283	\$339.60			154	\$184.80	0						122	\$146.40										
2582.503	24" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	\$ 19.00	442	\$ 8,398.00	119	\$2,261.00	302	\$5,738.00			6	\$114.00											15	\$285.00										
2582.503	4" BROKEN LINE MULTI COMP GR IN (WR)	LIN FT	\$ 0.90	1640	\$ 1,476.00	860	\$774.00	780	\$702.00																										
2582.503	12" DOTTED LINE MULTI COMP GR IN (WR)	LIN FT	\$ 9.00	90.7	\$ 816.30	42	\$380.70					24	\$216.00											24.4	\$219.60										
2582.503	4" DBLE SOLID LINE MULTI COMP GR IN (WR)	LIN FT	\$ 1.90	5148	\$ 9,781.20	1591	\$3,022.90	2541	\$4,827.90			283	\$537.70			156	\$296.40	0 310	\$589.0	0				267	\$507.30										
2582.518	PAVT MSSG PREF THERMO GR IN CONT	SQ FT	\$ 34.00	1492.55	\$ 50,746.70	597	\$20,306.50	610	\$20,737.28			110.64	\$3,761.76			45.04	\$1,531.36	6 19.06	\$648.0	4				110.64	\$3,761.76										
2582.518	CROSSWALK PREF THERMO GR IN CONT ESR	SQ FT	\$ 21.00	3564	\$ 74,844.00	1692	\$35,532.00	1584	\$33,264.00			144	\$3,024.00											144	\$3,024.00										
2582.601	WET RETROREFLECTOMETER MEASUREMENTS	LUMP SUM	\$ 5,500.00	1	\$ 5,500.00	1	\$5,500.00																												
	CURTOTAL				£ 22 400 407 02		\$9.189.908.69		\$ 8,422,852.05		\$ 72,000.00		\$ 384,815.24		£ 274.000.0	00	\$ 194.334.44	1	\$ 772,371.77	-	£ 1.411.00E	00	\$ 955,425.	20	\$ 425.394.83										
	SUBTOTAL EV CHARGING STATION				\$ 22,199,197.02 \$ 250,000.00		\$3,103,300.03		\$ 250,000.00		\$ 72,000.00		\$ 304,015.24		\$ 371,000.0	.00	\$ 154,334.44	*	\$ 112,311.11	,	\$ 1,411,095.0	00	\$ 955,425.	JU	\$ 425,354.03										
									\$ 250,000.00												500.000	00	* 500.000	10											
	DEWATERING			1	\$ 1,000,000.00		********													3	500,000.		\$ 500,000.	-											
	CONTAMINATED MATERIALS			-	\$ 100,000.00		\$8,000.00		\$ 12,000.00								 			1	40,000.	.00	\$ 40,000	UU											
	LANDSCAPING				\$ 352,300.00		\$183,800.00		\$ 168,500.00								1				050	00		00											
	ENGINEERING CONTROLS			1	\$ 500,000.00															9			\$ 250,000												
	INFLATION (7%)			1	\$ 1,554,000.00		\$ 643,300.00		\$ 589,600.00		\$ 5,000.00		\$ 26,900.00		\$ 26,000.		\$ 13,600.00		\$ 54,100.0		98,800.		\$ 66,900		\$ 29,800.00										
	CONTINGENCY (5%)			ļ	\$ 1,110,000.00		\$ 459,500.00		\$ 421,100.00		\$ 3,600.00		\$ 19,200.00		\$ 18,600.		\$ 9,700.00		\$ 38,600.0		70,600.		\$ 47,800		\$ 21,300.00										
1 1	TOTAL			1	\$ 27,065,497.02	1	\$10.300.708.69		\$ 9,445,552.05		\$ 80,600.00	1	\$ 430,915.24	1	\$ 415,600.0	.00	\$ 217,634.44	4	\$ 865,071.77	7	\$ 2,370,495.0	001	\$ 1,860,125.	001	\$ 476,494,83										

NOTES
(P) DENOTES PLAN QUANTITY ITEM

GENERAL NOTES
FURTHER BREAKOLT OF THE LIGHTING SYSTEM WILL BE DETERMINE WITHIN AGREEMENTS.
FURTHER ANALYSIS WILL BE COMPLETED TO DETERMINE THE NECESSARY ENGINEER CONTROLS ON THE PROJECT.
ADDITIONAL COSTS ASSOCIATED WITH UPSIZING OF PIPES FOR BLOCK 11 AND BRUCE STREET WILL BE DETERMINE WITHIN AGREEMENTS.

- FUNDING NOTES

 (A) XX XX% FEDERAL FFM, XX XX% STATE FUNDS (CAPPED) REMAINDER: 81.42% FEDERAL NHPP, 18.58% STATE FUNDS, SEE LUMP SUM AGREEMENT XXXXXX WITH CITY OF MARSHALL

 (B) XX XX% FEDERAL FFM, XX XX% STATE FUNDS (CAPPED) REMAINDER: 100% STATE FUNDS, SEE LUMP SUM AGREEMENT XXXXXX WITH CITY OF MARSHALL

 (C) 100% FEDERAL FFM, (CAPPED) REMAINDER: 80% FEDERAL STBG, 20% CITY OF MARSHALL FUNDS, SEEAGREEMENT XXXXXX

 (D) 100% FEDERAL FFM, SEE AGREEMENT XXXXXXX

 (E) 100% CITY OF MARSHALL, SEE AGREEMENT XXXXXX

RESOLUTION NO. _____ Resolution for Layout Approval

At a Meeting of the City Council of the City of		, held on the day
of, 20, the following Resolution was	offered by	and seconded by
WHEREAS, the Commissioner of Transportation 40 on Trunk Highway 19, from 700' West of Mark Reconstruction improvements; and seeks the ap 161.162 to 161.167: and	lene Street to 4 th Stre	eet within the City of Marshall for
WHEREAS, said final layout flap is on file in the Willmar, Minnesota, being marked as Layout 34+00.012.		·
NOW, THEREFORE, BE IT RESOLVED that said within the corporate limits be and is hereby appropriate.	-	improvement of said Trunk Highway
Upon the call of the roll the following Council Me	mbers voted in favor	of the Resolution:
The following Council Members voted against its	adoption:	
ATTEST:		
Mayor	Dated	, 20
State of Minnesota County of City of		
I do hereby certify that the foregoing Resolution and adopted by the Council of the City of authorized meeting thereof held on the		, Minnesota at a duly
minutes of said meeting in my possession.	_ day of	, 20, as shown by the
(SEAL)		
City Clerk		

RESOLUTION No. _____

Resolution for Waiver of Municipal Consent

At a Meeting of the City Council of the City of	, held on the day c	of, 20, the following
Resolution was offered by	and seconded by	, to wit:
WHEREAS, the Commissioner of Transportation	• •	•
Trunk Highway 19, from 700' West of Marlene S		•
Reconstruction improvements; and seeks the ap to 161.167: and	pproval thereof, as described	d in Minnesota Statutes 161.162
WHEREAS, said final layout is on file in the Dist Willmar, Minnesota, being marked as Layout Fla and	•	·
NOW, THEREFORE, BE IT RESOLVED that the described in Minnesota Statutes 161.162 to 161 of said and Trunk Highway 19 within the corpora	.167, of the final layout for S	
Upon the call of the roll the following Council Me	embers voted in favor of the	Resolution:
The following Council Members voted against its	s adoption:	
ATTEST:		
Mayor	_Dated,	20
State of Minnesota		
County of		
City of		
I do hereby certify that the foregoing Resolution	n is a true and correct copy	of a resolution presented to and
adopted by the Council of the City of		
meeting thereof held on the day of	, 20,	as shown by the minutes of said
meeting in my possession.		
(SEAL)		
City Clerk		