

**El Paso  
Metropolitan Planning Organization**

**TRANSPORTATION PROJECT ADVISORY COMMITTEE AGENDA PROJECT SUMMARY**

**May 4, 2022**

---

**AGENDA ITEM NO. 2:**

Discussion and action on Amendments to the Amended Destino 2045 Metropolitan Transportation Plan (MTP) and Destino 2021-2024 Transportation Improvement Program (TIP)

- a. Increase funding for the *NM 404 Widening project*

**RECOMMENDED ACTION:**

MPO staff recommends approval.

**SUPPORT INFORMATION:**

- E100203 NM 404 Widening PRF
- E100203 NM 404 Widening project Engineer's Cost Estimate

**DISCUSSION/OPTIONS:**

The El Paso MPO received a request on April 15, 2022 from NMDOT to amend the *NM 404 Widening Project* to add funding. This amendment is needed due to a shortfall in funding as identified on the latest engineer's cost estimate. The additional funding will ensure the project is fully funded in FY 2022. The anticipated let date will be changing from August 26, 2022 to September 16, 2022.

The total funding of the project is \$44,758,000 and if approved this request would increase total funding by \$19,210,960. The additional funding breakdown is as follows:

- \$5,660,960 of Highway Safety Improvement Program (HSIP) funds for Construction;
- \$13,350,000 of NM House Bill 2 (HB2) funds; and
- \$200,000 of Surface Transportation Program Flex Non-Chargeable (STPF-NC) funds for Construction Engineering for a new total funding of \$63,968,960

If approved, this amendment will be submitted as a formal amendment to the New Mexico June STIP Revision.

## Electronic Project Request Form (ePRF)

 New Project\* Revision/addition to an approved projectIs the decision making/governing body of your agency committed to this project?  Yes  No

MPO ID

P620X-CAP

CSJ or CN

E100203

Name \*

NM 404 Widening Project

Description \*

Widen NM 404 from I-10 to NM 213 from 2 lanes to 4 lanes

Limit From \*

NM 404: I-10

Limit To \*

NM 404: NM 213 Intersection

[Draw Project limits and query data](#)**Definition of Regionally Significant Roadway: 23 CFR § 450.104**

Regionally significant project means a transportation project (other than projects that may be grouped in the TIP and/or STIP or exempt projects as defined in EPA's transportation conformity regulation (40 CFR part 93)) that is on a facility which serves regional transportation needs (such as access to and from the area outside the region; major activity centers in the region; major planned developments such as new retail malls, sports complexes, or employment centers; or transportation terminals) and would normally be included in the modeling of the metropolitan area's transportation network. At a minimum, this includes all principal arterial highways and all fixed guideway transit facilities that offer a significant alternative to regional highway travel.

Describe the relationship of this project to the definition of Regionally Significant Roadway or exempt projects: \*

This project is regionally significant. This roadway serves as a bypass for I-10 and its intended to meet with the NE Parkway project currently in Preliminary Engineering by TXDOT.

Need and Purpose: \*

Traffic volumes have increased in the last 5 years on both roads; specially truck traffic, and its expected to increase significantly when TXDOT builds the NE Parkway. This 2 lane roadway will create a bottleneck at the NM/TX state line once NE Parkway is

Agency Comments: \*

Amendment requested to increase budget and funding due to latest engineer's cost estimate

 Requesting Highway/Roadway funds for this project/program (FHWA, State and/or Local Funds) Requesting Transit funds for this project/program (FTA, State and/or Local Funds)

Federal Fiscal Year(FY): \*

2022

Highway/Roadway Name: \*

NM 404

Network Year \*

2032

Type of Project \*

Additional Lanes

 ON-State System RoadFederal Functional Classification ([Texas](#), [New Mexico](#)): \*

OFF-State System Road

Principal Arterial ▼

Capacity Project (Additional through lanes)

Number of Existing Lanes \*

DOT District: \*

2

NM Dist.1 ▼

Number of Projected Lanes: \*

County: \*

4

Doña Ana ▼

Number of Miles: \*

Incorporated City: \*

9

N/A ▼

Sponsor Entity: \*

NMDOT

## Project Selection Process

[Click here for Project Selection Process diagram and presentation \(PDF\).](#)

Will this project achieve a significant reduction in traffic fatalities or serious injuries? If yes, please provide link or attachment with supporting data \*

Please provide link or attachment.

Is this project from an updated comprehensive plan, thoroughfare plan, resilience plan, feasibility or corridor study? If yes, please provide link or attachment. \*

Please provide link or attachment.

Is this project on the National Highway System NHS?  
If not, please describe the project's relationship to the NHS (for example: it connects to or runs parallel to):\*  
How does this project address congestion, mobility, accessibility, and reliability of NHS? \*

Explain.

Is this project part of TPB resolution for the [Active Transportation System?](#) \*

Describe the project's relationship to the ATS:

Is this project part of TPB approved [Regional Mobility Strategy \(RMS\) 2020?](#) \*

## National Goals

[Helpful Link](#)

Safety

Widening should reduce head on crashes caused by unsafe passing movements

Infrastructure Condition

Congestion Reduction

With project increased use of this corridor congestion will be alleviated by building

System Reliability

This route will serve as a bypass for I-10 around the City in case of an emergency and

Freight Movement and Economic Vitality

A substantial amount of freight is projected to use this corridor after the completion on the

Environmental Sustainability

# Congestion Management Process

[Helpful Link](#)

1. Is the project exempt under [40CFR 93.126?](#) \*

No



[Helpful Link](#)

A detailed analysis is required to justify the exemption of all individual projects being proposed under 40CFR 93.126. Example: If a project is being considered as exempt for safety due to the project being proposed as a road diet: Identify locations and limits of proposed road diet sections and the number of travel lanes impacted. Include traffic counts, fatalities and serious injuries resulting from motorized and non-motorized crashes and source of data. Distinguish between road diets for bicycle lanes and parking. Is this project consistent with MPO documents, project agreements and environmental documents, El Paso MPO Travel Demand Model (TDM)?

[Helpful link \(TDM Shapefile Appendix H\):](#)

2. Is the project addressing congestion?

Yes



Instructions: Please provide analysis from corridor study or similar study that will show the project will address congestion. \*

Please provide analysis from corridor study or similar study that will show the project will address congestion.

3. Does the project add roadway capacity? \*

Yes

Instructions: Significant SOV capacity-adding projects impact regional or corridor travel patterns. Project descriptions typically include a new roadway or bypass, major or minor road widening to add additional through lanes on an existing highway, major roadway reconstruction, adding capacity to a corridor by improving many related intersections.

Please explain.

If the answer is "Yes" for either question(s) 2 or 3 please answer the questions below

4. Are there other congestion mitigation projects (e.g., transportation demand management, land use, public transportation, ITS and operations, pricing, bicycle and pedestrian, and bottleneck relief) within the project corridor that are programmed into the current MTP?

No

Instructions: Check project list in EPMPO's current MTP to identify committed projects.

[Helpful link](#)

5. Using the 2019 CMP Report, is the corridor identified as a congested segment?

Instructions: See congestion problems and needs section of the 2019 CMP Report (page 24) to identify congested segments.

[Helpful link](#)

6. Can the congestion be addressed without building more road capacity?

Instructions: Using simulation or other appropriate analysis tool, conduct an alternatives analysis to determine whether the problem/deficiency can be addressed without building more road capacity.

7. Describe any congestion mitigation alternatives to the proposed improvement that have been considered or will be evaluated to correct the deficiencies and manage the facility effectively (or facilitate its management in the future).

Instructions: Using regional CMP Strategies identified in the 2019 CMP (pg. 27), identify corridor-level congestion mitigation strategies that will be evaluated to address the problems and deficiencies in the corridor. Consider strategies as an alternative to the added capacity project, and/or bundle congestion mitigation strategies into the added capacity project.

[Helpful link](#)

8. Specify congestion mitigation strategies that will be implemented as part of the project.

Instructions: Identify which congestion mitigation strategies will be implemented as part of the project. Using regional CMP Strategies identified in the 2019 CMP (pg. 27) (For example bike lanes, ITS, operational improvements, etc.)

[Helpful link](#)

9. What are the specific congestion reduction impacts of the implemented strategies?

Instructions: Based on the results of the congestion mitigation analysis, document the benefits in terms of specific CMP performance measures when possible. To aid in responding question # 9 if there is no existing congestion mitigation analysis

performance measures when possible. To aid in responding question 10, there is no existing congestion mitigation analysis. Complete the following qualitative criteria for the strategy type(s) encompassed by the project/program:

Display Supplementary Questions

[Empty text box]

10. If not implementing a congestion mitigation strategy as part of the project, please explain reason. Instructions: Include an explanation that highlights the reason why no congestion mitigation strategies are feasible or warranted as part of the project.

[Empty text box]

**CMAQ Analysis**  
 \*Air Quality Analysis MUST accompany request for CMAQ Funds.

VOC (Kgs/day)

CO (Kgs/day)

NOX (Kgs/day)

PM10 (Kgs/day)

Prepared By

**\*\*Transit Only**

Section 5309 ID

Apportionment Year

TDC Award Amount

TDC Award Date

TDC Amount Requested

**Project Type:**

Capital  
 Operating  
 Planning  
 Administration

Projects will be examined at the corridor level to determine multimodal needs. Which best describes this projects. [Block System:](#)\*

- Within community
- Community to community
- Community to region
- Region to region

If your project is within the next 10 years, information on the Project Readiness Elements below is required.

**Project Readiness Elements:**

"Overall" Estimate of Preliminary Engineering (PE). Examples include: Project Initiation/Planning, Initial Design, Environmental Document, PS&E, etc.

90 Progress \*

Explain (if necessary)

Final design underway, working with BLM on final environmental cert, should be received September

Element	Est. Start Date	Est. End Date	Progress	Resp. Agency	Comments
Schematic	<input type="text" value="mm/dd/yyyy"/>	<input type="text" value="mm/dd/yyyy"/>	<input type="text" value="90"/>	<input type="text"/>	<input type="text" value="N.A"/>
Env. Doc. Type	<input type="text" value="CE"/>				

Environment Doc	04/01/2019	09/24/2020	▼	▼	Will need to reevaluate due
PS&E	mm/dd/yyyy	mm/dd/yyyy	9 ▼	▼	May 2022
Row Map(s)	mm/dd/yyyy	mm/dd/yyyy	3 ▼	▼	New ROW in preparation
ROW Acquired	mm/dd/yyyy	mm/dd/yyyy	9 ▼	▼	All acquired except new
Utilities	mm/dd/yyyy	mm/dd/yyyy	9 ▼	▼	
Public Involvement	mm/dd/yyyy	mm/dd/yyyy	1 ▼	▼	Completed with Phase A/B
District Review	mm/dd/yyyy	mm/dd/yyyy	↕ ▼	▼	
Agreement (LPFA)	mm/dd/yyyy	mm/dd/yyyy	↕ ▼	▼	
Procurement Process	mm/dd/yyyy	mm/dd/yyyy	↕ ▼	▼	
Let Date	09/16/2022				
Construction Performance End Date		06/01/2024			
PE Performance End Date		07/01/2022			

**Transit Only**

"Anticipated Dates"

FTA Transfer Process (if applicable)	mm/dd/yyyy	mm/dd/yyyy	▼	▼	
Contract Excluded for Bus Purchase	mm/dd/yyyy	mm/dd/yyyy	▼	▼	
Bus Delivery Date	mm/dd/yyyy	mm/dd/yyyy	▼	▼	
Other	mm/dd/yyyy	mm/dd/yyyy	▼	▼	

Have the above dates been reviewed by	Date Reviewed	Reviewed By	Agency
	09/02/2021	Jolene Herrera	NMDOT

TXDOT or  
NMDOT? \*

Yes  No   
N/A

### Project Phase(s)

\*\*Only checked phase(s) will be consider for funding (Year of Expenditure (YOE) Cost). If a phase has been or will be completed with local funds or resources, please do not check. Please enter cost information for each Phase checked.

- FTA Transfer Requested
- C
- Non-C
- PE
- E:Env
- E:Eng
- R
- R:Acq
- R:Utl

### YOE and Total Project Cost Information

\*\*All Costs should account for inflation within TIP years. Beyond TIP years inflation will be applied.  
\*\*For Total Project Cost include all cost, whether it is a phase of the project or not.

Category	Amount
Construction Subtotal	\$61,710,960
Non-Construction Project	\$0
Construction	\$61,710,960
Construction Engineering (CE)	\$0
Contingencies	\$0
Potential Change Order	\$0
Preliminary Engineering (Check mark PE phase to enable, if applicable)	\$0
Indirects	\$0
Right-Of-Way (Acq+Utl; Check mark R phase to enable, if applicable)	\$2,258,000
FTA Transfer (Check mark T to enable, if applicable)	\$0
<b>Total Project Cost</b>	<b>\$63,968,960</b>

- Is the sponsor paying for 100% of PE? \*
- Is this sponsor paying for 100% of the ROW and utility relocation?\*
- Is this decision making/governing body committed to the local/state share (match)? \*  
Attach documentation. Eg. Resolution, Financial Plan, etc.
- Sponsor's investment to construction cost. (Excluding required local/state share)\*

### Project Funding

Requesting MPO Funds (For long range planning, beyond TIP years, funding category may not be identified, MPO will make final recommendation)

YOE Cost

Funding Category	Federal Share Usually 80%	State Share	Local Share Usually 20%	Local Contribution Beyond Local Share	Total Share

FY 2021 NHPP	\$233,251	\$39,749			\$273,000
FY 2022 NHPP	\$2,136,000	\$364,000			\$2,500,000
FY 2022 STLE	\$205,753	\$35,063			\$240,816
FY 2022 STP-Flex	\$2,563,200	\$436,800			\$3,000,000
FY 2022 STPL	\$858,376	\$146,278			\$1,004,654
FY 2023 DEPT-NH	\$0	\$7,236,670			\$7,236,670
FY 2021 SBSI	\$1,637,386	\$279,030			\$1,916,416
FY 2023 NHPP	\$4,574,739	\$779,590			\$5,354,329
FY 2023 STP-Flex	\$2,558,971	\$436,079			\$2,995,050
FY 2023 STPL	\$1,064,130	\$181,340			\$1,245,470
FY 2023 SBSI	\$2,320,906	\$395,510			\$2,716,416
FY 2023 NHFP (Fre	\$12,209,529	\$2,080,650			\$14,290,179
FY 2022 NHPP (RC	\$1,695,984	\$289,016			\$1,985,000
FY 2022 HSIP	\$5,094,864	\$566,096			\$5,660,960
House Bill 2 funds	\$0	\$13,350,000			\$13,350,000
FY 2023 STPF_NC	\$170,880	\$29,120			\$200,000
<b>Total Funding</b>	<b>\$37,323,969</b>	<b>\$26,644,991</b>	<b>\$0</b>	<b>\$0</b>	<b>\$63,968,960</b>

### Contact Information \*

	Name	Phone No.	Email	Agency	Title
Local PM	Not Applicable	N/A	Not@pplicable	N/A	N/A
State PM	Ernesto Santillar	(575) 386-6886	ernesto.santillar	NMDOT	Project Develop
Sponsor	Jolene Herrera	(575) 202-4698	Jolene.herrera@	NMDOT	STIP Staff Mana

### Attachments (CMAQ Analysis, Cost Estimate, Schematic/Design Concept, etc. ).

1651099868 CN E100203 - Revised Estimate (4-26-2022).pdf

No file chosen

\*Please attach any supporting documents to this form, if possible (CMAQ Analysis, Cost Estimate, Environmental Document, or other).  
 \*Only Adobe Acrobat users may be able to attach files to this form. If you are not able to attach files, please send them via e-mail.

\*This form does not guarantee the funds requested nor the approval of the project in the MTP/TIP.

\*By signing this Project Request Form you certify that the project Description and limits are within the scope of work of the project

\*Please fill out this form entirely, and sign (digital signature). If "Signed By" field is blank, the form will not be accepted.

### Signed By \*

Andreas Linnan, P.E., MBA

Save your form before signing, all fields will be locked after signature is provided.

Export to Excel

Export to PDF

Save Progress



Save Progress

Show Comments

## Estimate E100203 PS & E

Construction Estimate: \$53,440,531.522

GRT at 9.0%: \$4,809,647.84

Project Subtotal (incl. GRT): \$63,958,179.36

Payroll & Augmentation: \$3,250,000.00

Right-of-Way Acquisition: \$2,258,000.00

Phase III Services: \$200,000.00

**Project Total: \$63,958,179.36**

**NM 404 Widening (MP 1.1 to MP 8.8)**

Base Date: 2022/03/04

Spec Year: 19

Unit System: E

Work Type: Roadway-New Construction

Highway Type: Two Lane

Urban/Rural: Rural

Season:

County: Dona Ana

Terrain: Rolling

Improvement Type:

Latitude of Midpoint: 0

Longitude of Midpoint: 0

District: 1

Federal Project Number: E100203

State Project Number: E100203

*Prepared By: Ernesto Santillano on 2022/03/04*

Group 0001 -  
ROADWAY UNIT I

<u>Line #</u>	<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extended Amount</u>
1230	201000	1.000	LS	\$425,000.00000	\$425,000.00
	CLEARING AND GRUBBING				
1240	203000	144,071.000	C.Y.	\$12.00000	\$1,728,852.00
	UNCLASSIFIED EXCAVATION				
1250	203100	94,900.000	C.Y.	\$22.00000	\$2,087,800.00
	BORROW				
1260	203211	69,700.000	S.Y.	\$7.00000	\$487,900.00
	UNSTABLE SUBGRADE STABILIZATION				
1270	206000	4,600.000	C.Y.	\$40.00000	\$184,000.00
	UNSUITABLE MATERIAL EXCAVATION				
1280	207000	464,200.000	S.Y.	\$1.75000	\$812,350.00
	SUBGRADE PREPARATION				
1300	303000	135,220.000	TON	\$27.00000	\$3,650,940.00
	BASE COURSE				
1310	403715	7,600.000	TON	\$115.00000	\$874,000.00
	RUBBERIZED OGFC COMPLETE				
1320	407000	399.000	TON	\$650.00000	\$259,350.00
	ASPHALT MATL FOR TACK COAT				
1330	408100	807.000	TON	\$600.00000	\$484,200.00
	PRIME COAT MATERIAL				
1340	423283	166,380.000	TON	\$89.00000	\$14,807,820.00
	HMA SP-IV COMPLETE				
1350	511000	580.000	C.Y.	\$900.00000	\$522,000.00
	STRUCTURAL CONCRETE, CL A				

1360	511030	1,400.000	C.Y.	\$700.00000	\$980,000.00
STRUCTURAL CONCRETE, CL AA					
1370	531001	280,840.000	S.F.	\$1.30000	\$365,092.00
PERMANENT ANTI-GRAFFITI PROTECTIVE COAT					
1380	540060	418,357.000	LB	\$1.90000	\$794,878.30
REINFORCING BARS GRADE 60					
1390	541200	29,210.000	LB	\$4.25000	\$124,142.50
STR STL FOR MISC STRUCTURES					
1400	570024	1,530.000	L.F.	\$132.00000	\$201,960.00
24" CULVERT PIPE					
1410	570030	910.000	L.F.	\$155.00000	\$141,050.00
30" CULVERT PIPE					
1420	570036	520.000	L.F.	\$180.00000	\$93,600.00
36" CULVERT PIPE					
1430	570037	4.000	EACH	\$1,500.00000	\$6,000.00
36" CULVERT PIPE END SECTION					
1440	570042	190.000	L.F.	\$275.00000	\$52,250.00
42" CULVERT PIPE					
1450	570048	470.000	L.F.	\$200.00000	\$94,000.00
48" CULVERT PIPE					
1460	570049	1.000	EACH	\$1,500.00000	\$1,500.00
48" CULVERT PIPE END SECTION					
1470	570054	160.000	L.F.	\$250.00000	\$40,000.00
54" CULVERT PIPE					
1480	570084	50.000	L.F.	\$800.00000	\$40,000.00
84" CULVERT PIPE					

1490	570168	400.000	L.F.	\$150.00000	\$60,000.00
	60" SX46" R(NOM) CUL PIPE ARCH				
1500	570174	410.000	L.F.	\$175.00000	\$71,750.00
	71" SX47" R(NOM) CUL PIPE ARCH				
1505	570437	688.000	L.F.	\$200.00000	\$137,600.00
	24" STORM DRAIN CULVERT PIPE				
1510	601110	207,300.000	S.Y.	\$8.50000	\$1,762,050.00
	REMOVAL OF SURFACING				
1520	602000	300.000	C.Y.	\$500.00000	\$150,000.00
	RIPRAP CLASS A				
1530	603100	42.000	ACRE	\$500.00000	\$21,000.00
	TEMPORARY SOIL STABILANT				
1535	603250	19.000	EACH	\$300.00000	\$5,700.00
	DROP INLET PROTECTION TYPE I				
1540	603262	8,090.000	L.F.	\$2.50000	\$20,225.00
	COMPOSTED MULCH SOCKS				
1550	606001	4,690.000	L.F.	\$40.00000	\$187,600.00
	SINGLE FACE W-BEAM GUARDRAIL				
1560	606051	10.000	EACH	\$3,900.00000	\$39,000.00
	END TREATMENT TL-3 END TERMINAL				
1570	606053	3.000	EACH	\$2,000.00000	\$6,000.00
	END TREATMENT W-BEAM END ANCHOR				
1580	606062	7.000	EACH	\$5,000.00000	\$35,000.00
	TRANSTION METAL BARRIER TO RIGID BARRIER				
1590	606542	33,550.000	L.F.	\$270.00000	\$9,058,500.00
	CONCRETE WALL BARRIER 42"				

1600	606590	1,390.000	L.F.	\$200.00000	\$278,000.00
CONCRETE WALL BARRIER (MODIFIED)					
1610	607004	9,820.000	L.F.	\$8.00000	\$78,560.00
BARBED WIRE FENCE 4'					
1615	607012	82,740.000	L.F.	\$45.00000	\$3,723,300.00
GAME FENCE					
1620	607015	139.000	EACH	\$450.00000	\$62,550.00
BRACES/CORNER POSTS					
1630	607314	2.000	EACH	\$2,500.00000	\$5,000.00
STANDARD GATE, 14'					
1640	607506	2.000	EACH	\$2,000.00000	\$4,000.00
PIPE GATE 6'					
1650	608004	500.000	S.Y.	\$135.00000	\$67,500.00
CONCRETE SIDEWALK 4"					
1660	608204	1,700.000	S.Y.	\$70.00000	\$119,000.00
CONCRETE MEDIAN PAVEMENT 4"					
1670	609324	13,799.000	L.F.	\$35.00000	\$482,965.00
CONCRETE SLOPED CURB AND GUT 6" X 24"					
1680	609424	1,741.000	L.F.	\$45.00000	\$78,345.00
CONCRETE VERTICAL CURB & GUT B 6" X 24"					
1690	609478	1,530.000	L.F.	\$35.00000	\$53,550.00
CONCRETE VERTICAL CURB & GUT D 6" X 18"					
1700	610032	2.000	EACH	\$42,000.00000	\$84,000.00
CATTLE GUARD 32'					
1710	623027	1.000	EACH	\$18,000.00000	\$18,000.00
MDI TYPE II (RURAL)					

1720	623301	1.000	EACH	\$8,000.00000	\$8,000.00
	CDI TYPE I-A, TO 4'				
1725	623313	1.000	EACH	\$17,000.00000	\$17,000.00
	CDI TYPE III-B, TO 4'				
1727	623331	2.000	EACH	\$9,500.00000	\$19,000.00
	CDI TYPE I-B, OVER 4'				
1730	623401	12.000	EACH	\$13,000.00000	\$156,000.00
	DROP INLET 4'X4'(TYPE I) H=4'-0"				
1740	623402	3.000	EACH	\$24,000.00000	\$72,000.00
	DROP INLET 4'X4' (TYPE II) H=4'-0"				
1750	623403	1.000	EACH	\$19,000.00000	\$19,000.00
	DROP INLET 4'X4' (TY. III) H=4'-0"				
1760	623407	2.000	EACH	\$15,000.00000	\$30,000.00
	DR.IN.4'X4'(TYI)H=6'-1" TO 8'-0"				
1765	623600	6.000	EACH	\$11,000.00000	\$66,000.00
	JUNCTION BOX				
1770	631000	82,330.000	L.F.	\$0.25000	\$20,582.50
	RUMBLE STRIPS				
1780	632000	38.000	ACRE	\$7,600.00000	\$288,800.00
	CLASS A SEEDING				
1790	632020	4.000	ACRE	\$25,000.00000	\$100,000.00
	CLASS C SEEDING				
1800	662000	1.000	EACH	\$8,000.00000	\$8,000.00
	MANHLY C-4' DIA. 0' TO 6' DEPTH				
1810	662400	1.000	EACH	\$1,500.00000	\$1,500.00
	MANHOLE ADJUSTMENT				

1820	720050	11.000	EACH	\$41,000.00000	\$451,000.00
PERM.VEH. IMPACT ATTENUATOR UNIT					

Total for Group: \$47,124,762.30

Group 0002 -  
CONSTRUCTION ENGINEERING

<u>Line #</u>	<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extended Amount</u>
1090	107000	1.000	LS	\$20,000.00000	\$20,000.00
ENVIRONMENTAL COMMITMENTS					
1100	547000	1.000	LS	\$25,000.00000	\$25,000.00
SAFETY AND ENVIRONMENTAL REQUIREMENTS					
1110	601000	1.000	LS	\$160,772.00000	\$160,772.00
REMOVL OF STRUCT AND OBSTRUCT					
1120	603281	1.000	LS	\$100,000.00000	\$100,000.00
SWPPP PLAN PREPARATION AND MAINTENANCE					
1125	617000	1.000	LS	\$25,000.00000	\$25,000.00
VIBRATION MONITORING					
1130	617003	1.000	LS	\$8,000.00000	\$8,000.00
VIDEO RECORDING					
1140	618000	1.000	LS	\$500,000.00000	\$500,000.00
TRAFFIC CONTROL MANAGEMENT					
1150	618011	1.000	LS	\$50,000.00000	\$50,000.00
PUBLIC AWARENESS					
1160	621000	1.000	LS	\$2,000,000.00000	\$2,000,000.00
MOBILIZATION					
1170	702850	1.000	ALLOW	\$25,000.00000	\$25,000.00
LAW ENFORCEMENT IN CONSTRUCTION ZONE					
1180	801000	1.000	LS	\$200,000.00000	\$200,000.00
CONSTRUCTION STAKING BY CONTR					

1190	802000	1.000	LS	\$5,000.00000	\$5,000.00
POST CONSTRUCTION PLANS					
1200	803000	1.000	LS	\$4,000.00000	\$4,000.00
SCHEDULE SOFTWARE					
1210	803010	1.000	LS	\$8,000.00000	\$8,000.00
CPM TRAINING					
1220	803020	1.000	LS	\$4,500.00000	\$4,500.00
CPM HARDWARE/EQUIPMENT					

Total for Group: \$3,135,272.00

Group 0003 -  
CONSTRUCTION SIGNING

<u>Line #</u>	<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extended Amount</u>
0750	606598	2,690.000	L.F.	\$100.00000	\$269,000.00
TCWB RETAINED BY THE CONTRACTOR					
0760	606599	7,500.000	L.F.	\$7.50000	\$56,250.00
RESETTING OF TCWB					
0770	702000	841.000	S.F.	\$17.00000	\$14,297.00
CONSTRUCTION SIGNING					
0780	702100	2,296.000	L.F.	\$12.00000	\$27,552.00
POSTS FOR CONSTRUCTION SIGNING					
0785	702101	9.000	EACH	\$400.00000	\$3,600.00
MLTI-DIRECT SLIP BASE PST CONST SIGNING					
0790	702110	1.000	EACH	\$150.00000	\$150.00
PORTABLE SIGN SUPPORT					
0800	702238	14.000	EACH	\$450.00000	\$6,300.00
BARRICADE, TYPE III-8'					
0810	702525	1,115.000	EACH	\$59.00000	\$65,785.00

CHANNELIZATION DEVICES TYPE DRUM

0820	702610	2.000	EACH	\$20,000.00000	\$40,000.00
------	--------	-------	------	----------------	-------------

PORTABLE CHANGEABLE MESSAGE SN

0830	704099	436,230.000	L.F.	\$0.18000	\$78,521.40
------	--------	-------------	------	-----------	-------------

TEMP RETROREFLECTORI PAINTED MARKINGS 4"

0840	720060	10.000	EACH	\$9,500.00000	\$95,000.00
------	--------	--------	------	---------------	-------------

VEH.IMPACT ATTEN.UNIT-WORK ZONES

0850	720110	28.000	EACH	\$1,000.00000	\$28,000.00
------	--------	--------	------	---------------	-------------

REMOVE/RESET IMPACT ATTENUATOR UNIT

0860	721000	263,591.000	L.F.	\$0.52000	\$137,067.32
------	--------	-------------	------	-----------	--------------

REMOVAL OF PAVEMENT MARKING

Total for Group: \$821,522.72

Group 0004 -  
CONSTRUCTION SIGNING (NON-PARTICIPATING)

<u>Line #</u>	<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extended Amount</u>
---------------	-------------	-----------------	--------------	-------------------	------------------------

0870	702000	150.000	S.F.	\$13.00000	\$1,950.00
------	--------	---------	------	------------	------------

CONSTRUCTION SIGNING

0880	702100	100.000	L.F.	\$9.00000	\$900.00
------	--------	---------	------	-----------	----------

POSTS FOR CONSTRUCTION SIGNING

0890	702101	9.000	EACH	\$400.00000	\$3,600.00
------	--------	-------	------	-------------	------------

MLTI-DIRECT SLIP BASE PST CONST SIGNING

Total for Group: \$6,450.00

Group 0005 -  
DETOUR

<u>Line #</u>	<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extended Amount</u>
---------------	-------------	-----------------	--------------	-------------------	------------------------

0900	405000	11,000.000	S.Y.	\$115.00000	\$1,265,000.00
------	--------	------------	------	-------------	----------------

DETOUR PAVEMENT CONSTRUCTION

Total for Group: \$1,265,000.00

Group 0006 -  
PERMANENT SIGNING, UNIT II

<u>Line #</u>	<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extended Amount</u>
2040	704000	2,560.000	L.F.	\$0.20000	\$512.00
	RETROREFLECTORIZED PAINTED MARKINGS 4"				

Total for Group: \$512.00

Group 0007 -  
PERMANENT SIGNING, UNIT I

<u>Line #</u>	<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extended Amount</u>
0910	701000	1,300.000	S.F.	\$23.00000	\$29,900.00
	PANEL SIGNS				
0920	701030	6.000	EACH	\$400.00000	\$2,400.00
	REMOVE AND RESET PANEL SIGN				
0930	701100	2,350.000	L.F.	\$15.00000	\$35,250.00
	STEEL/BASE POST FOR ALUMINUM PANEL SIGNS				
0940	704000	200,210.000	L.F.	\$0.20000	\$40,042.00
	RETROREFLECTORIZED PAINTED MARKINGS 4"				
0945	704704	100.000	L.F.	\$16.00000	\$1,600.00
	HOT THERMOPLASTIC PAVEMENT MARKING 24"				
0950	704005	50.000	L.F.	\$15.00000	\$750.00
	RETROREFLECTORIZED PAINTED MARKINGS 24"				
0960	704718	22.000	EACH	\$180.00000	\$3,960.00
	HOT THERMO PVMT MARK LEFT ARROW				
0970	704720	10.000	EACH	\$250.00000	\$2,500.00
	HOT THERMO PVMT MARK WORD (ONLY)				
0980	704731	1.000	EACH	\$250.00000	\$250.00
	HOT THERMO PVMT MARK LANE SYM (BIKEWAY)				
0990	721000	4,100.000	L.F.	\$0.50000	\$2,050.00
	REMOVAL OF PAVEMENT MARKING				

1000	721101	1.000	EACH	\$125.00000	\$125.00
REMOVAL OF PAVEMENT MARKING SYMBOL					

Total for Group: \$118,827.00

Group 0008 -  
LIGHTING

<u>Line #</u>	<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extended Amount</u>
1010	502030	68.000	L.F.	\$225.00000	\$15,300.00
DRILLED SHAFT FOUNDATION 30"D					
1040	707540	9.000	EACH	\$5,000.00000	\$45,000.00
TYPE V STANDARD, 40'					
1050	709020	2,085.000	L.F.	\$12.00000	\$25,020.00
RIGID ELECTRICAL CONDUIT 2"					
1060	710000	4.000	EACH	\$1,000.00000	\$4,000.00
ELECTRICAL PULL BOX (STANDARD)					
1062	711102	4,170.000	L.F.	\$3.75000	\$15,637.50
SINGLE CONDUCTOR 2					
1065	716701	9.000	EACH	\$1,100.00000	\$9,900.00
LED ROADWAY LUMINAIRE					

Total for Group: \$114,857.50

Group 0009 -  
ITS

<u>Line #</u>	<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extended Amount</u>
1830	710300	1.000	EACH	\$7,000.00000	\$7,000.00
SPLICE CABINET					
1840	711106	425,850.000	L.F.	\$0.75000	\$319,387.50
SINGLE CONDUCTOR 6					
1850	714280	2.000	EACH	\$23,000.00000	\$46,000.00
8 PH DOU RING CONTR CABINET					

1860	750060	49.000	EACH	\$1,250.00000	\$61,250.00
------	--------	--------	------	---------------	-------------

ITS PULLBOX (33"X24"X24")

1870	750100	2.000	EACH	\$12,000.00000	\$24,000.00
------	--------	-------	------	----------------	-------------

CLOSED CIRCUIT TELEVISION SYSTEM (CCTV)

Total for Group: \$457,637.50

**Group 0010 -  
ROADWAY, UNIT II**

<u>Line #</u>	<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extended Amount</u>
---------------	-------------	-----------------	--------------	-------------------	------------------------

1880	203000	3,483.000	C.Y.	\$12.00000	\$41,796.00
------	--------	-----------	------	------------	-------------

UNCLASSIFIED EXCAVATION

1890	203211	700.000	S.Y.	\$7.00000	\$4,900.00
------	--------	---------	------	-----------	------------

UNSTABLE SUBGRADE STABILIZATION

1900	207000	4,300.000	S.Y.	\$1.75000	\$7,525.00
------	--------	-----------	------	-----------	------------

SUBGRADE PREPARATION

1910	303000	1,020.000	TON	\$27.00000	\$27,540.00
------	--------	-----------	-----	------------	-------------

BASE COURSE

1920	407000	2.000	TON	\$650.00000	\$1,300.00
------	--------	-------	-----	-------------	------------

ASPHALT MATL FOR TACK COAT

1930	408100	7.000	TON	\$600.00000	\$4,200.00
------	--------	-------	-----	-------------	------------

PRIME COAT MATERIAL

1940	423283	820.000	TON	\$75.00000	\$61,500.00
------	--------	---------	-----	------------	-------------

HMA SP-IV COMPLETE

1950	511000	20.000	C.Y.	\$900.00000	\$18,000.00
------	--------	--------	------	-------------	-------------

STRUCTURAL CONCRETE, CL A

1960	541200	610.000	LB	\$4.25000	\$2,592.50
------	--------	---------	----	-----------	------------

STR STL FOR MISC STRUCTURES

1970	570024	130.000	L.F.	\$132.00000	\$17,160.00
------	--------	---------	------	-------------	-------------

24" CULVERT PIPE

1980	603100	1.000	ACRE	\$500.00000	\$500.00
TEMPORARY SOIL STABILANT					
1990	607012	3,580.000	L.F.	\$45.00000	\$161,100.00
GAME FENCE					
2000	607015	48.000	EACH	\$450.00000	\$21,600.00
BRACES/CORNER POSTS					
2010	608004	83.000	S.Y.	\$135.00000	\$11,205.00
CONCRETE SIDEWALK 4"					
2020	609424	148.000	L.F.	\$45.00000	\$6,660.00
CONCRETE VERTICAL CURB & GUT B 6" X 24"					
2025	632000	1.000	ACRE	\$7,600.00000	\$7,600.00
CLASS A SEEDING					
2030	704000	2,560.000	L.F.	\$0.20000	\$512.00
RETROREFLECTORIZED PAINTED MARKINGS 4"					

Total for Group: \$395,690.50