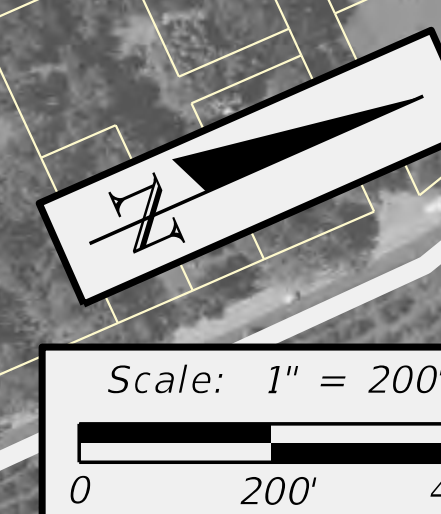
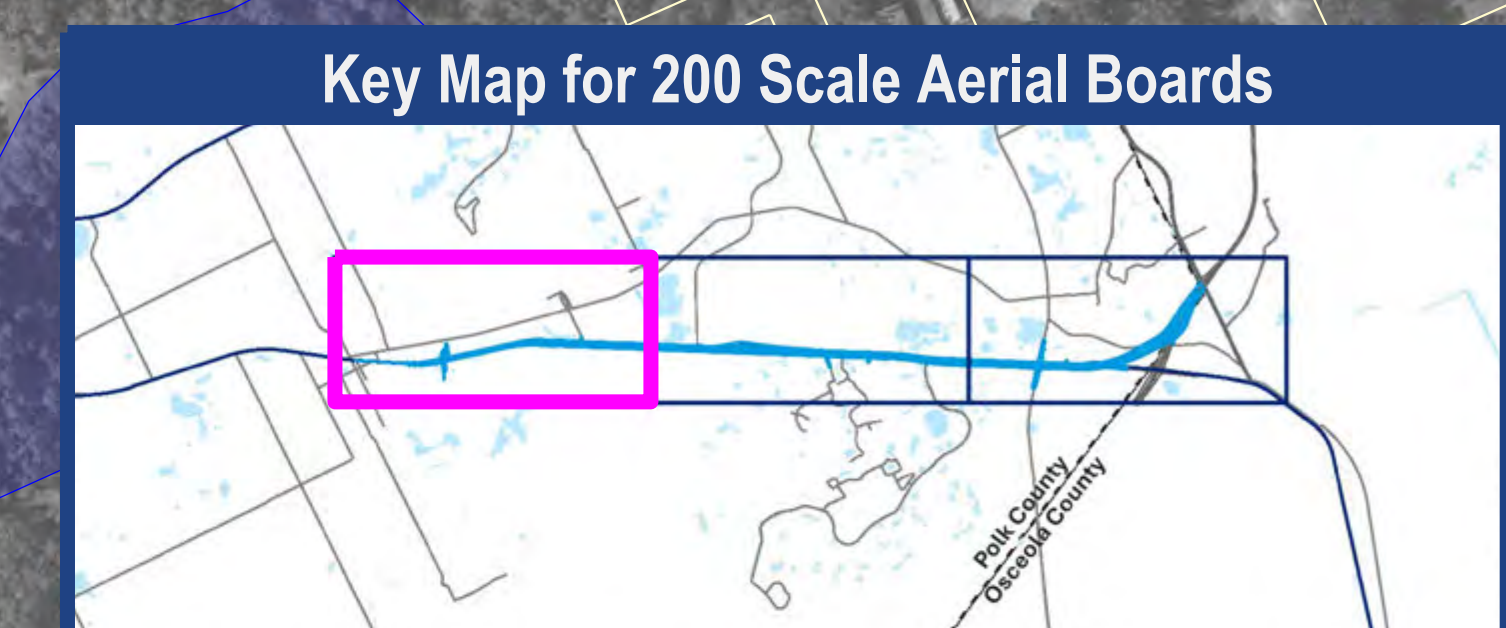
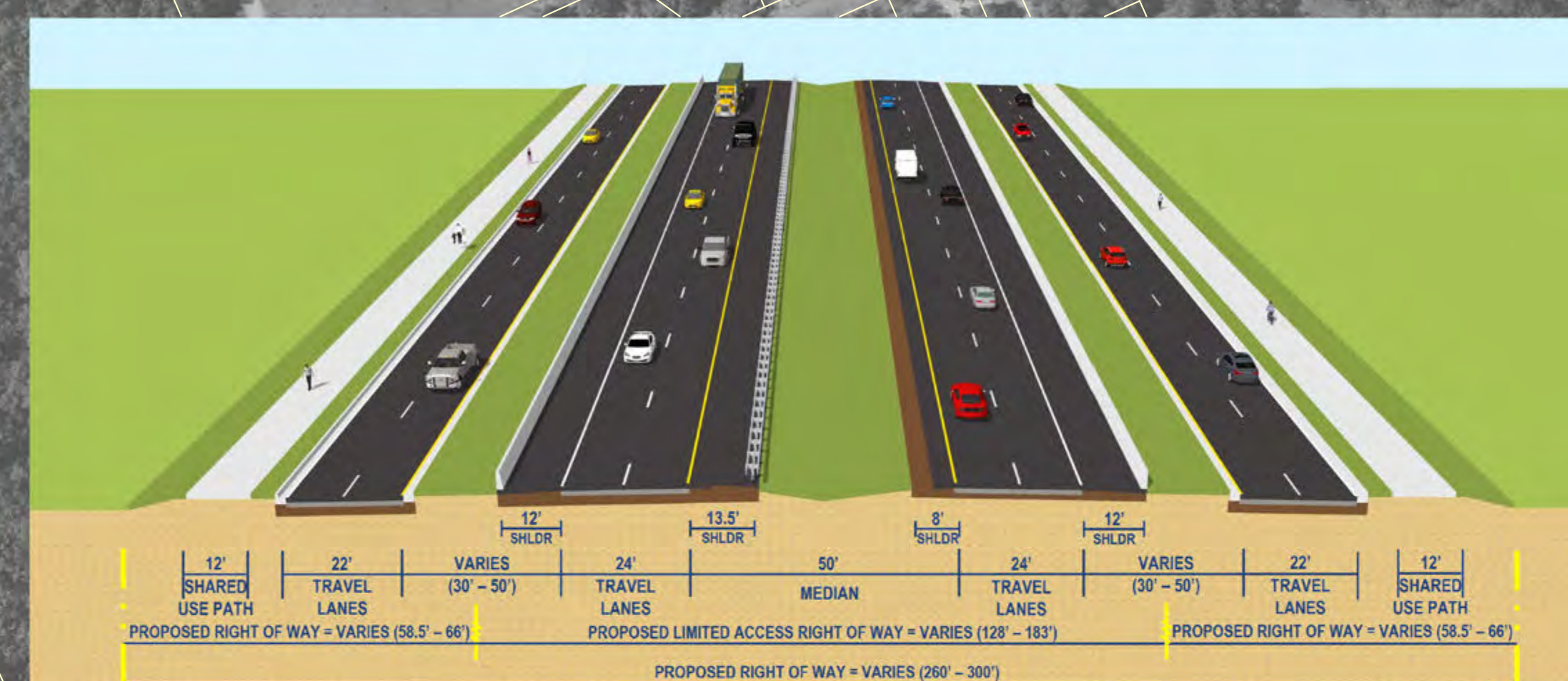


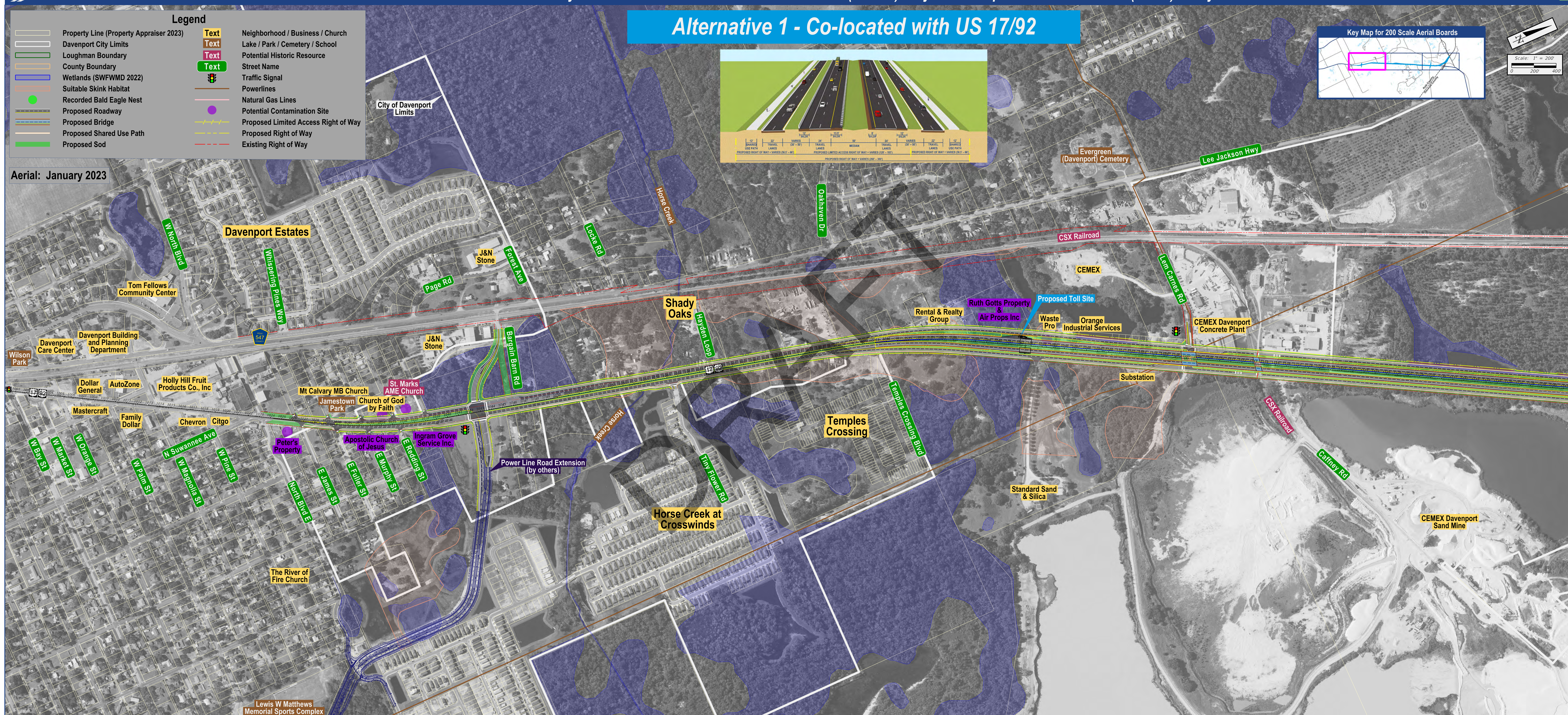


Appendix A: Build Alternative Concept Plan Sheets

DRAFT



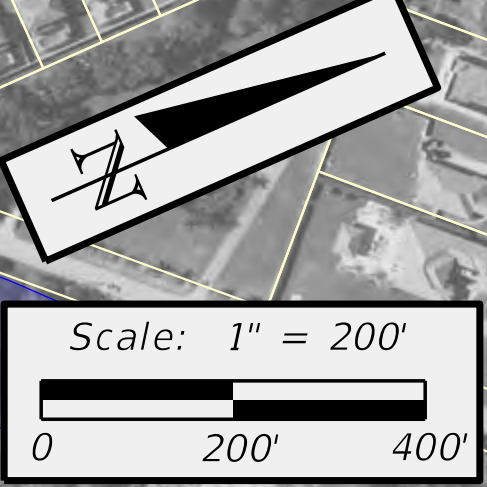
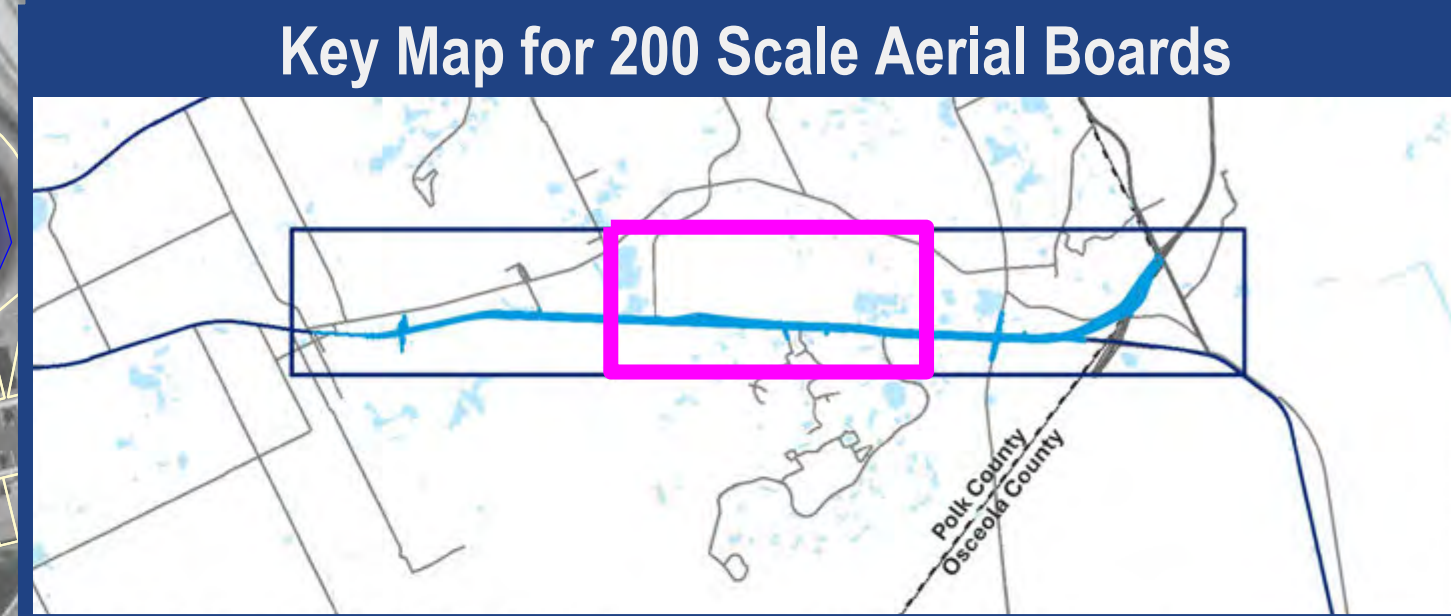
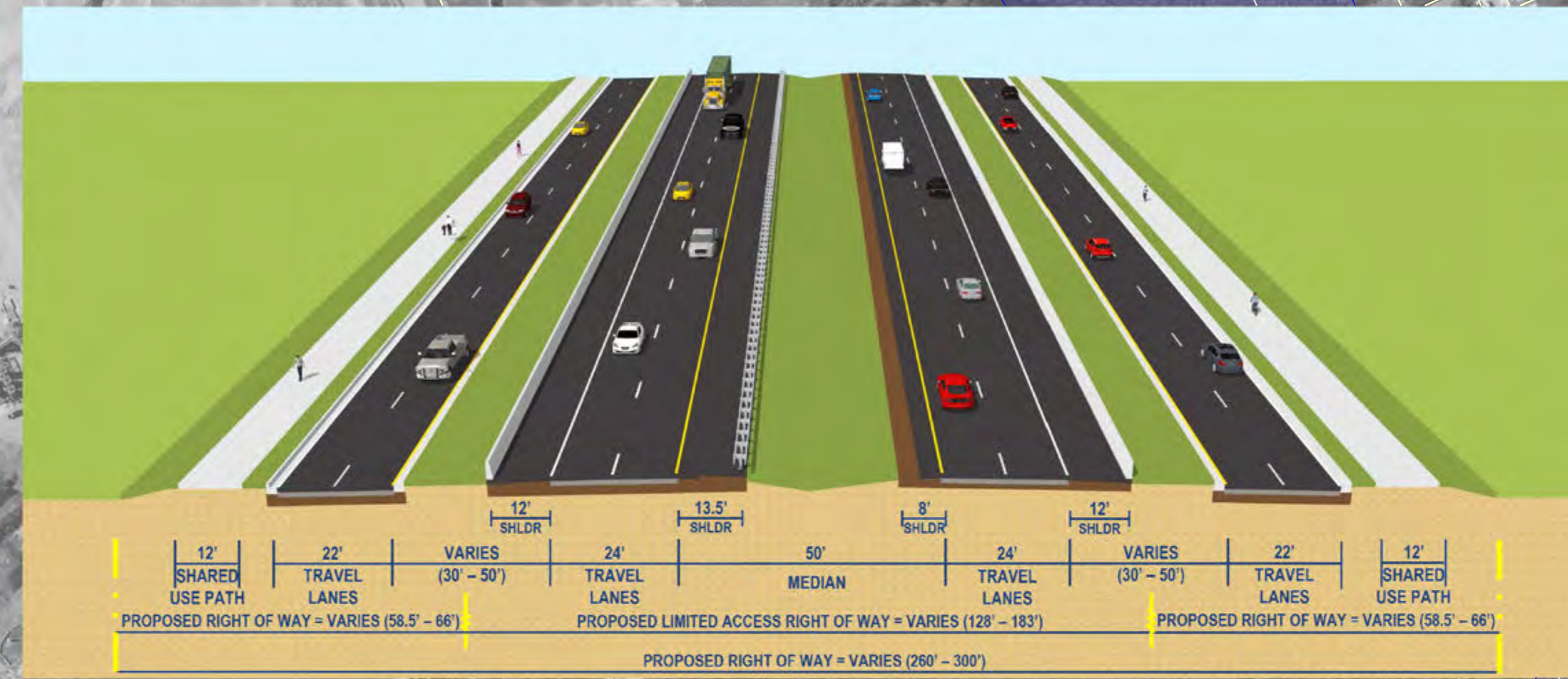
Aerial: January 2023



Legend

	Property Line (Property Appraiser 2023)		Neighborhood / Business / Church
	Davenport City Limits		Lake / Park / Cemetery / School
	Loughman Boundary		Potential Historic Resource
	County Boundary		Street Name
	Wetlands (SWFWMD 2022)		Traffic Signal
	Suitable Skink Habitat		Powerlines
	Recorded Bald Eagle Nest		Natural Gas Lines
	Proposed Roadway		Potential Contamination Site
	Proposed Bridge		Proposed Limited Access Right of Way
	Proposed Shared Use Path		Proposed Right of Way
	Proposed Sod		Existing Right of Way

Alternative 1 - Co-located with US 17/92



William's Preserve

Greenfield Village

Pattaway Turpentine Processing Camp

CSX Railroad

Ernie Caldwell Blvd

R&J Truck Repair

Proposed Toll Site

Sunny Acres Rd

Wynell Dr

Green Waste

R&S Insulation Corp

Proposed Toll Site

City of Davenport Limits

Kissimmee South MH & RV Resort

German Ave

Deer Run Dr

Watersong

Polk County Fire Rescue Station 20

Loughman Oaks Elementary School

Townhomes at Vista Village (Under Construction)

Providence

Providence Blvd

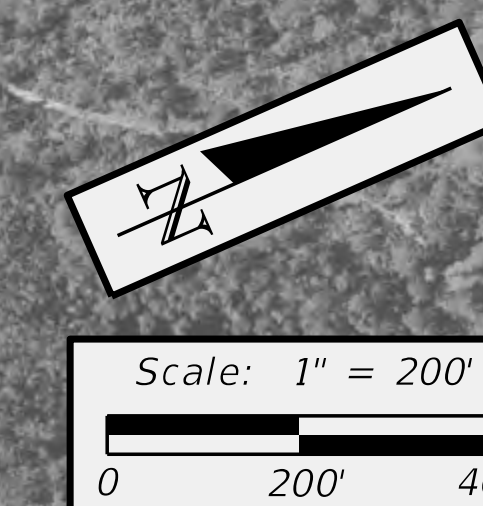
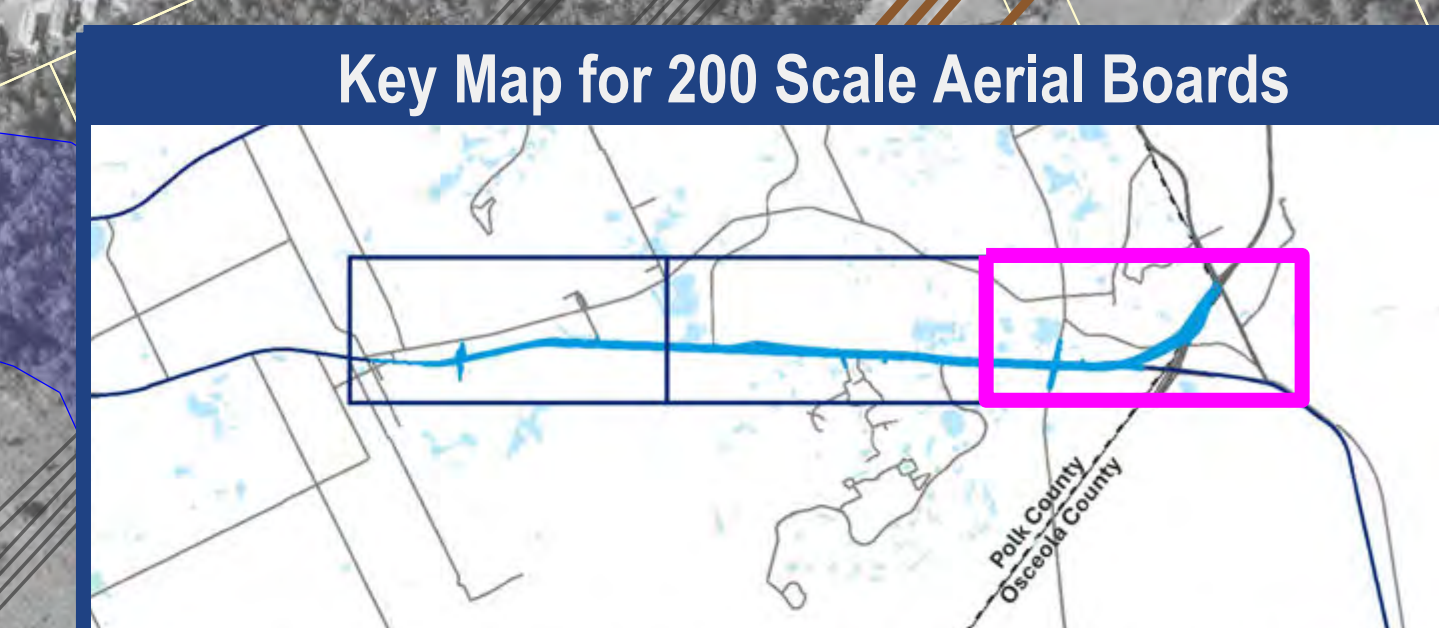
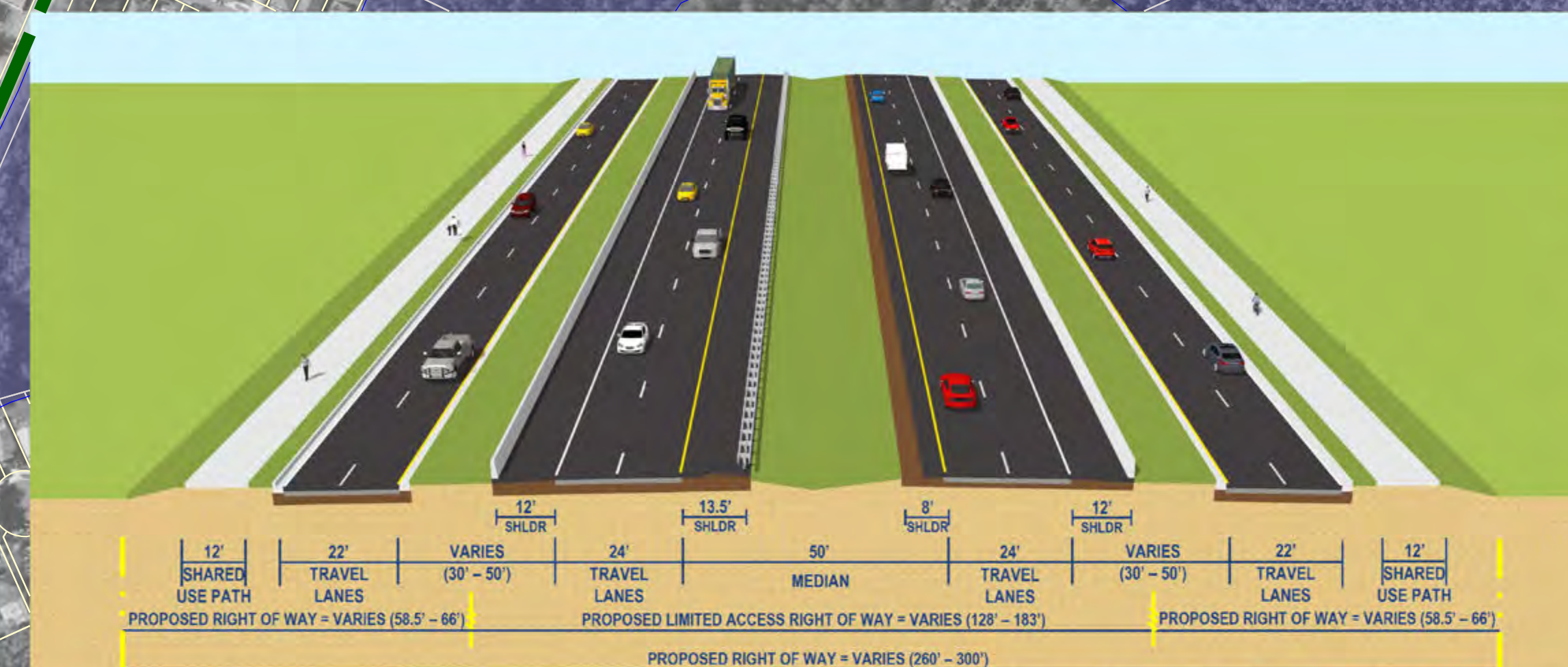
Orange Cosmos Blvd



Legend

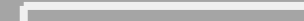
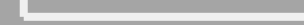
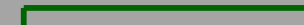
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	Davenport City Limits		Text		Lake / Park / Cemetery / School
	Loughman Boundary		Text		Potential Historic Resource
	County Boundary		Text		Street Name
	Wetlands (SWFWMD 2022)				Traffic Signal
	Suitable Skink Habitat				Powerlines
	Recorded Bald Eagle Nest				Natural Gas Lines
	Proposed Roadway				Potential Contamination Site
	Proposed Bridge				Proposed Limited Access Right of Way
	Proposed Shared Use Path				Proposed Right of Way
	Proposed Sod				Existing Right of Way

Alternative 1 - Co-located with US 17/92



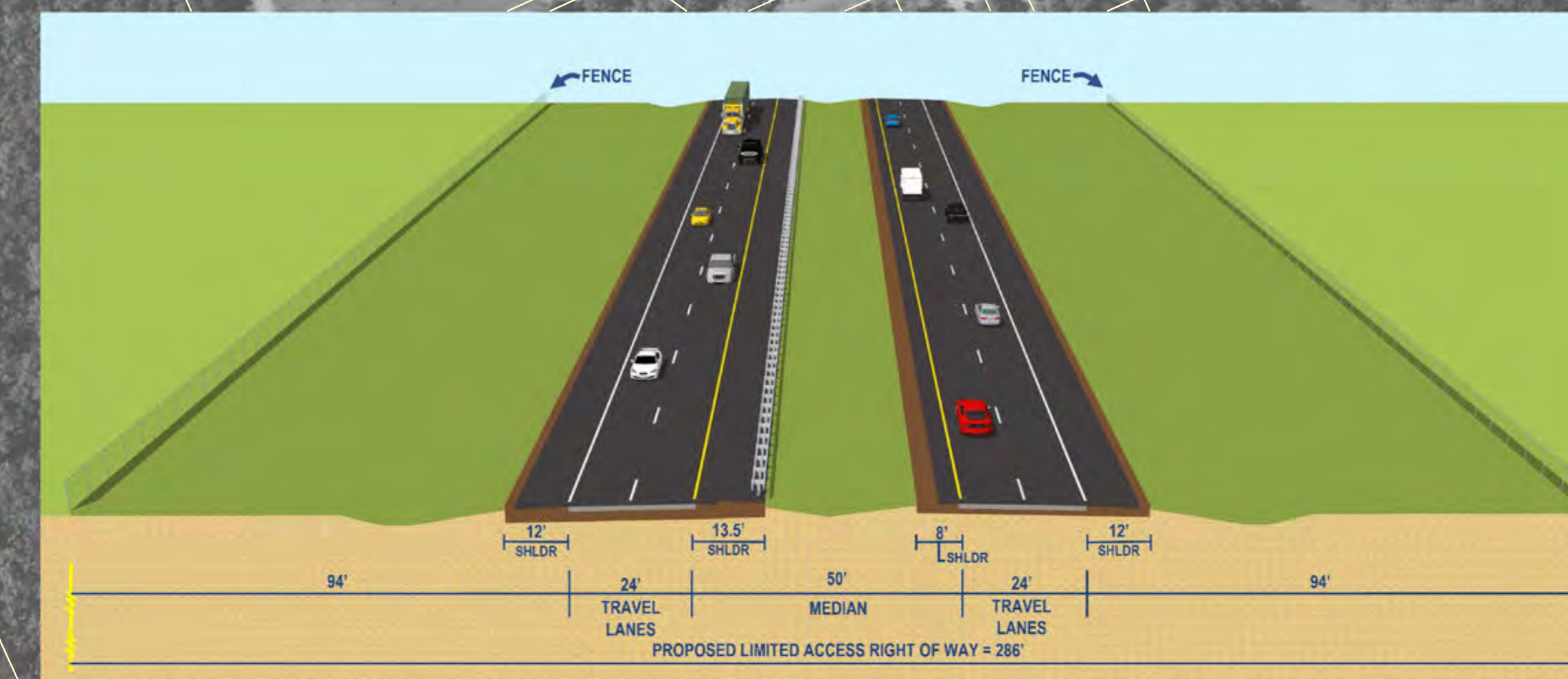
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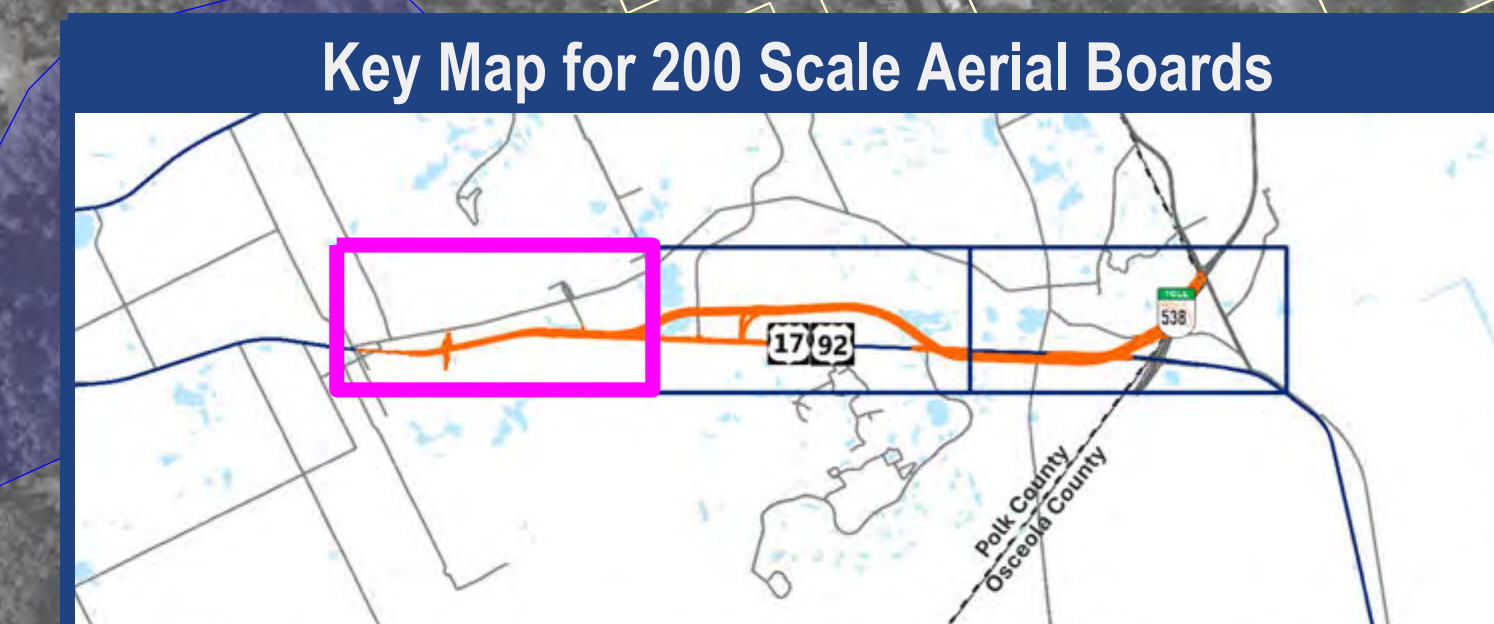
- | | | | |
|--|---|---|--------------------------------------|
|  | Property Line (Property Appraiser 2023) |  | Neighborhood / Business / Church |
|  | Davenport City Limits |  | Lake / Park / Cemetery / School |
|  | Loughman Boundary |  | Potential Historic Resource |
|  | County Boundary |  | Street Name |
|  | Wetlands (SWFWMD 2022) |  | Traffic Signal |
|  | Suitable Skink Habitat |  | Powerlines |
|  | Recorded Bald Eagle Nest |  | Natural Gas Lines |
|  | Proposed Roadway |  | Potential Contamination Site |
|  | Proposed Bridge |  | Proposed Limited Access Right of Way |
|  | Proposed Shared Use Path |  | Proposed Right of Way |
|  | Proposed Sod |  | Existing Right of Way |

Aerial: January 2023

Alternative 2 - New Alignment



Key Map for 200 Scale Aerial Boards



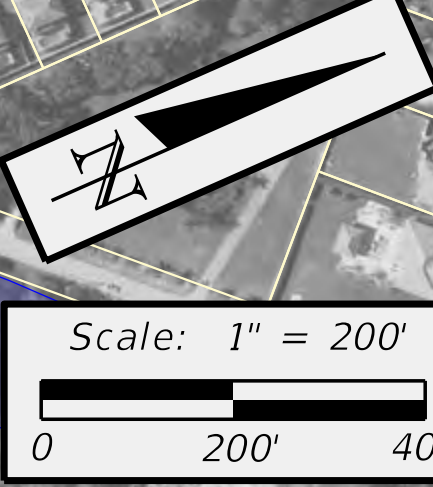
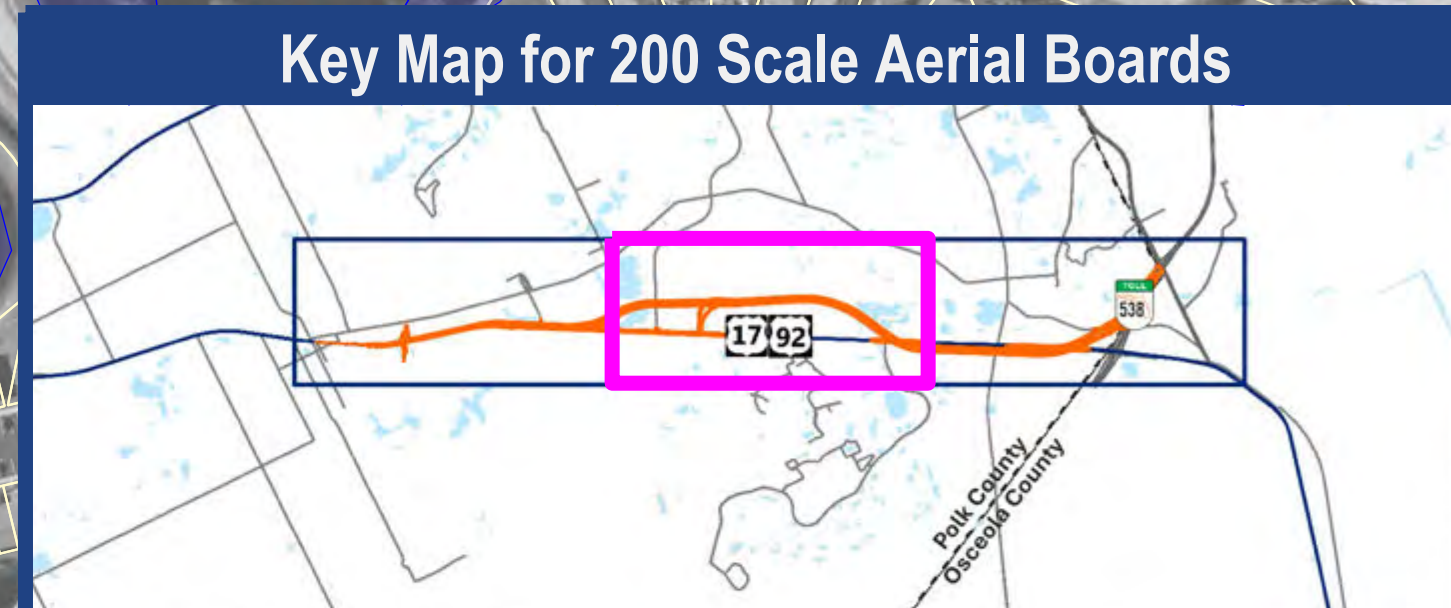
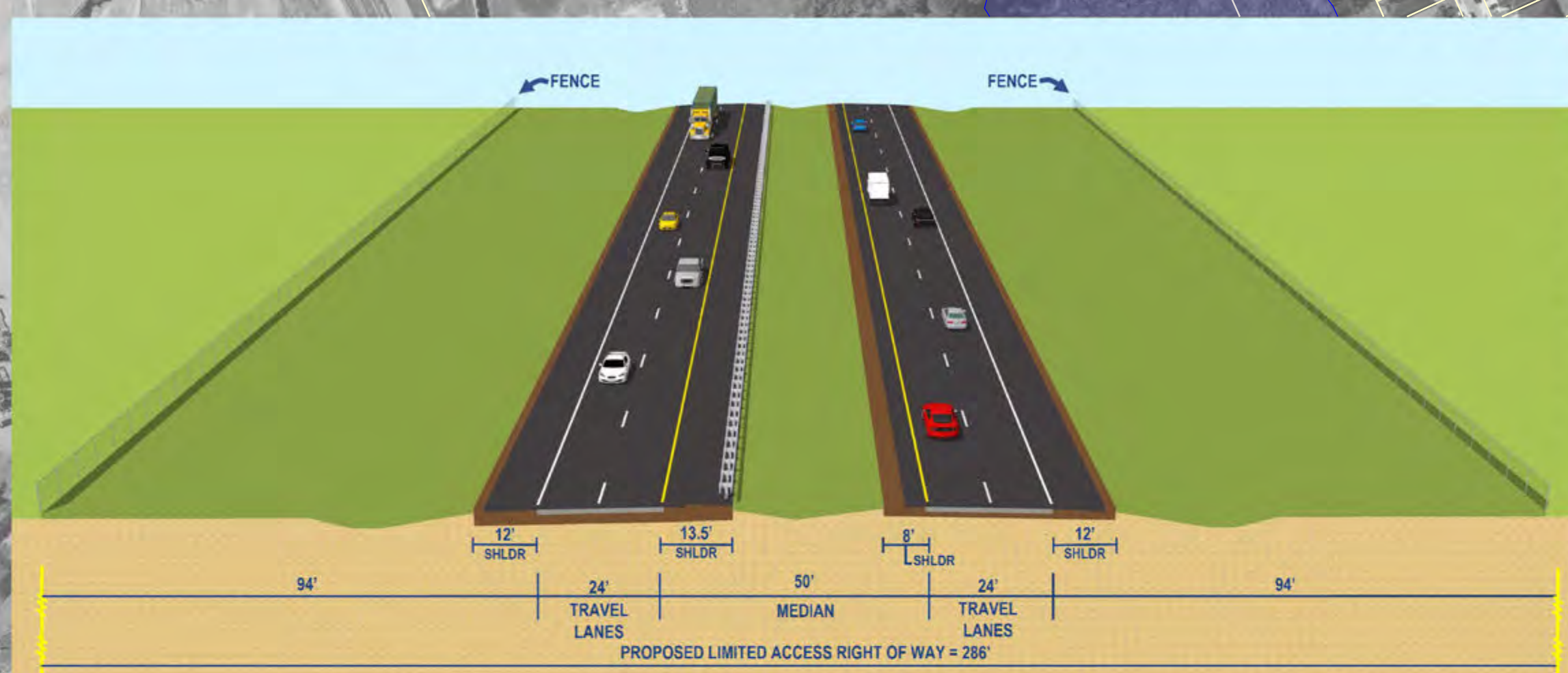
Scale: 1" = 200'



Legend

	Property Line (Property Appraiser 2023)		Neighborhood / Business / Church
	Davenport City Limits		Lake / Park / Cemetery / School
	Loughman Boundary		Potential Historic Resource
	County Boundary		Street Name
	Wetlands (SWFWMD 2022)		Traffic Signal
	Suitable Skink Habitat		Powerlines
	Recorded Bald Eagle Nest		Natural Gas Lines
	Proposed Roadway		Potential Contamination Site
	Proposed Bridge		Proposed Limited Access Right of Way
	Proposed Shared Use Path		Proposed Right of Way
	Proposed Sod		Existing Right of Way

Alternative 2 - New Alignment



William's Preserve

Greenfield Village

Aviana

Townhomes at Vista Village (Under Construction)

Providence

Providence Blvd

Loughman Oaks Elementary School

Watersong

Orange Cosmos Blvd

Deer Run Dr

German Ave

Kissimmee South MH & RV Resort

City of Davenport Limits

R&S Insulation Corp

R&J Truck Repair

Sunny Acres Rd

Wynell Dr

Polk County Fire Rescue Station 20

CSX Railroad

Pattaway Turpentine Processing Camp

Ernie Caldwell Blvd

17/92

Green Waste

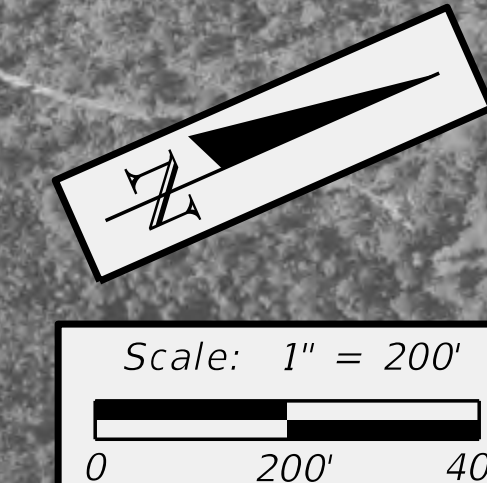
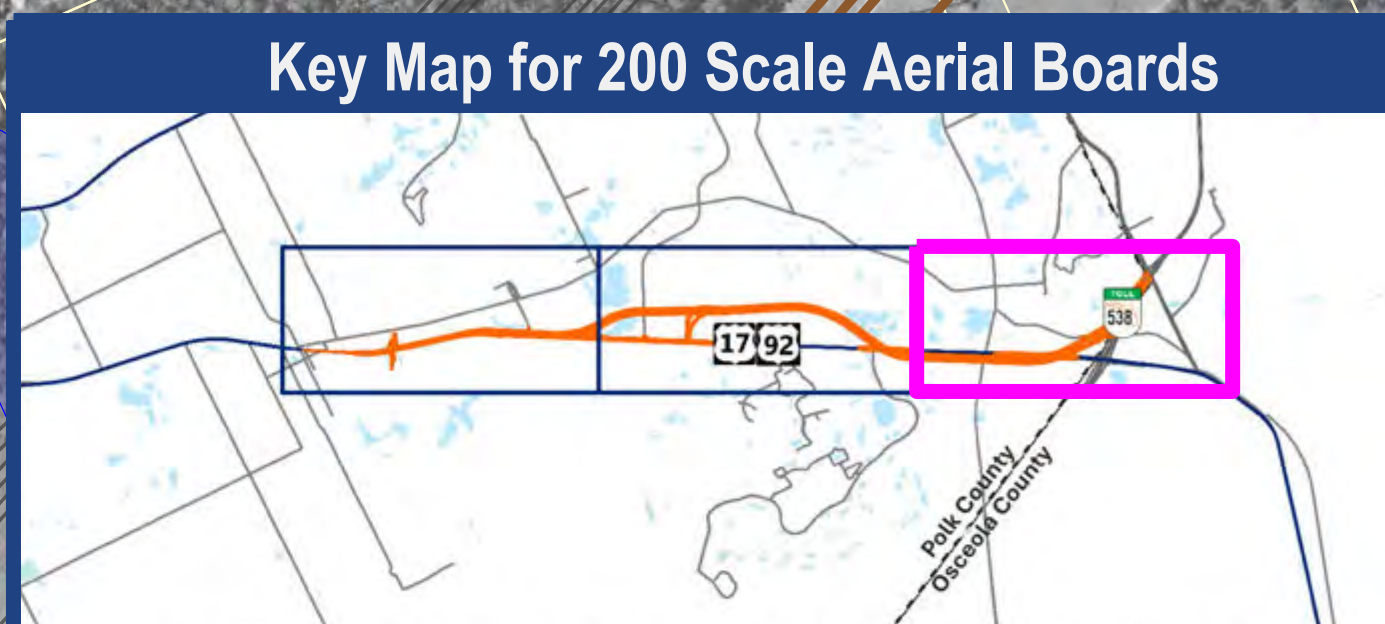
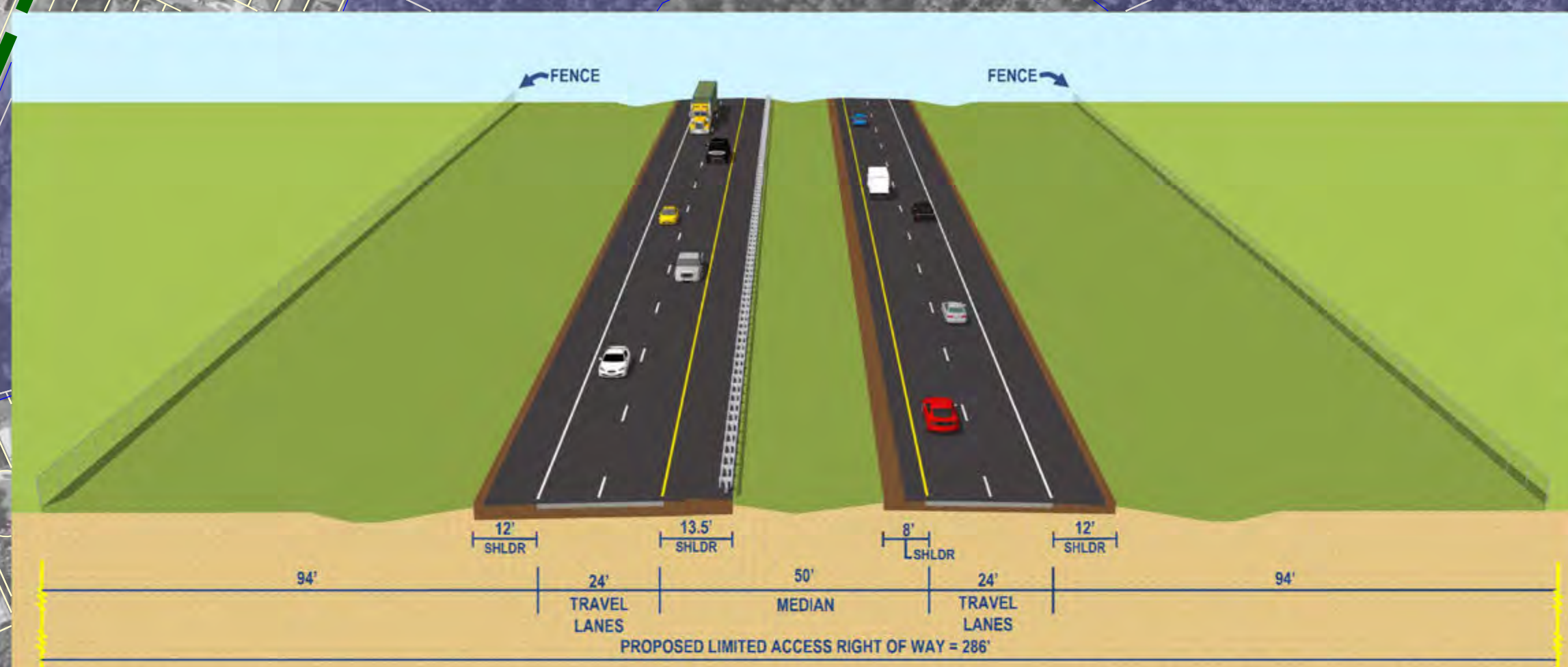
Aerial: January 2023



Legend

	Property Line (Property Appraiser 2023)		Text		Neighborhood / Business / Church
	Davenport City Limits		Text		Lake / Park / Cemetery / School
	Loughman Boundary		Text		Potential Historic Resource
	County Boundary		Text		Street Name
	Wetlands (SWFWMD 2022)				Traffic Signal
	Suitable Skink Habitat				Powerlines
	Recorded Bald Eagle Nest				Natural Gas Lines
	Proposed Roadway				Potential Contamination Site
	Proposed Bridge				Proposed Limited Access Right of Way
	Proposed Shared Use Path				Proposed Right of Way
	Proposed Sod				Existing Right of Way

Alternative 2 - New Alignment



Aerial: January 2023



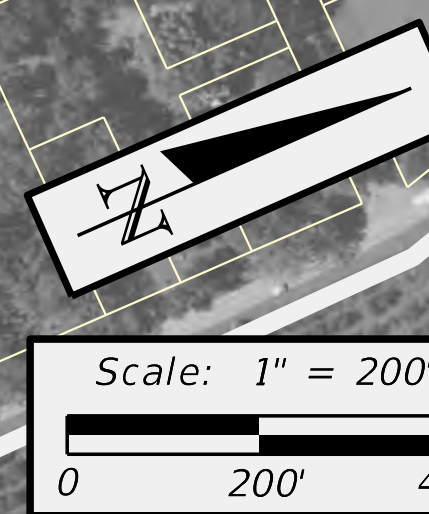


Appendix B: Preferred Alternative Concept Plan Sheets

DRAFT

- | | | | |
|--|---|--|--------------------------------------|
| | Property Line (Property Appraiser 2023) | | Neighborhood / Business / Church |
| | Davenport City Limits | | Lake / Park / Cemetery / School |
| | Loughman Boundary | | Potential Historic Resource |
| | County Boundary | | Street Name |
| | Wetlands (SWFWMD 2022) | | Traffic Signal |
| | Suitable Skink Habitat | | Powerlines |
| | Recorded Bald Eagle Nest | | Potential Contamination Site |
| | Proposed Roadway | | Potential Noise Wall * |
| | Proposed Bridge | | Proposed Limited Access Right of Way |
| | Proposed Shared Use Path | | Proposed Right of Way |
| | Proposed Sod | | Existing Right of Way |
| | Preferred Pond | | |
| | Preferred Floodplain Compensation Site | | |

Key Map for 200 Scale Aerial Boards



Aerial: January 2023



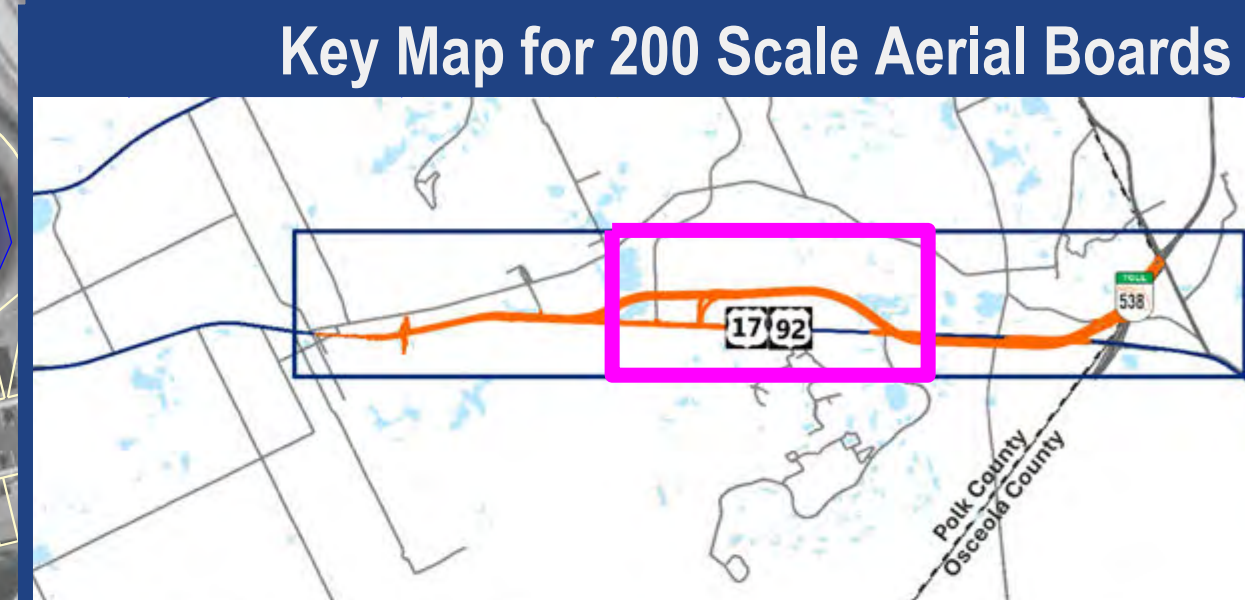
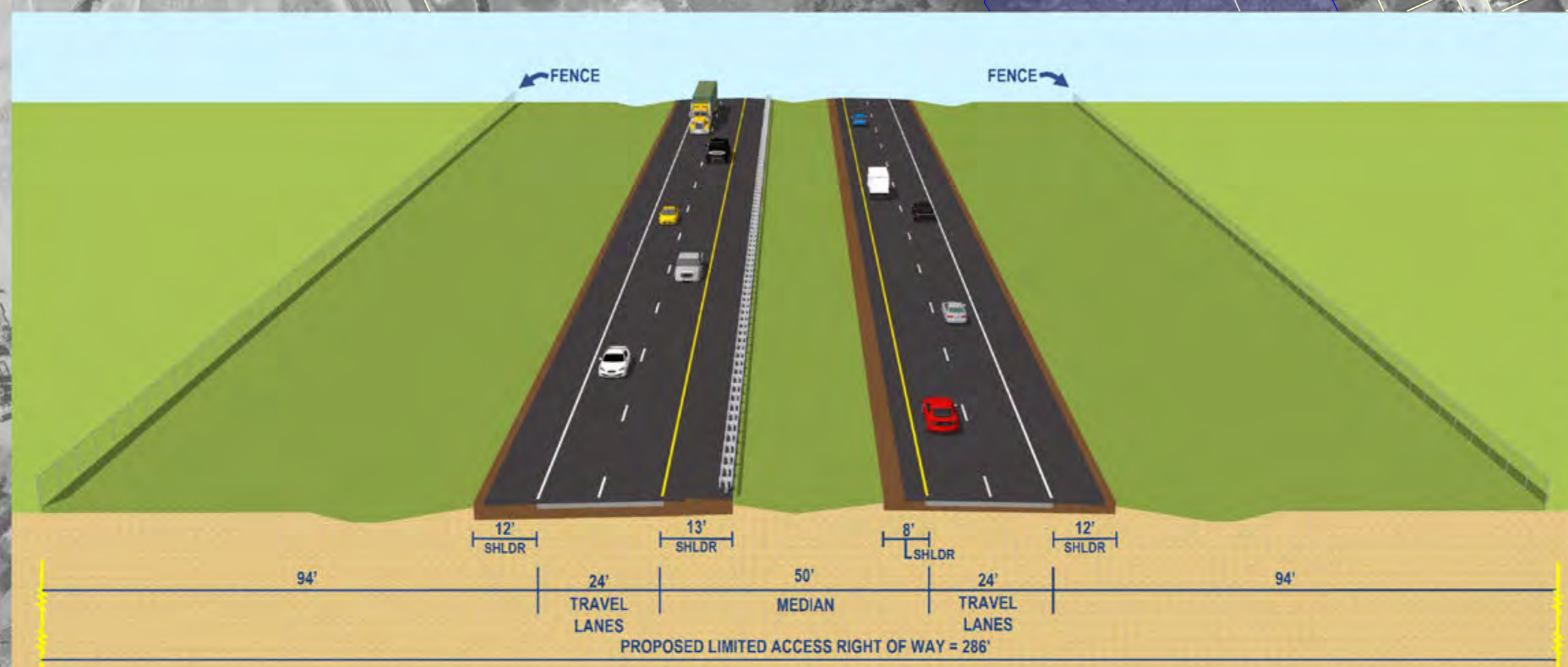
* Potential noise walls are based on PD&E phase concepts. Future refinements in the project design phase and known constraints such as overhead utilities and drainage could alter wall system placement, dimensions, and access. Such changes could render noise walls no longer constructible or not meet FDOT noise abatement criteria. Assuming walls are still feasible and reasonable in the design phase, community input may be solicited to confirm support.



Legend

	Property Line (Property Appraiser 2023)		Neighborhood / Business / Church
	Davenport City Limits		Lake / Park / Cemetery / School
	Loughman Boundary		Potential Historic Resource
	County Boundary		Street Name
	Wetlands (SWFWMD 2022)		Traffic Signal
	Suitable Skink Habitat		Powerlines
	Recorded Bald Eagle Nest		Potential Contamination Site
	Proposed Roadway		Potential Noise Wall *
	Proposed Bridge		Proposed Limited Access Right of Way
	Proposed Shared Use Path		Proposed Right of Way
	Proposed Sod		Existing Right of Way
	Preferred Pond		
	Preferred Floodplain Compensation Site		

Preferred Alternative



Scale: 1" = 200'

William's Preserve

Greenfield Village

Aviana

Townhomes at Vista Village (Under Construction)

Providence

Watersong

Kissimmee South MH & RV Resort

CPP East from SR 60 to US 17/92 Alternative Corridor Evaluation (FPID: 451419-2) Study Area

R&S Insulation Corp.

Ernie Caldwell Blvd

Sunny Acres Rd

Wynell Dr

Garman Ave

Deer Run Dr

Orange Cosmos Blvd

Providence Blvd

Loughman Oaks Elementary School

Polk County Fire Rescue Station 20

Potential Noise Wall

Potential Noise Wall

City of Davenport Limits

Green Waste

Pattaway Turpentine Processing Camp

CSX Railroad

Aerial: January 2023

* Potential noise walls are based on PD&E phase concepts. Future refinements in the project design phase and known constraints such as overhead utilities and drainage could alter wall system placement, dimensions, and access. Such changes could render noise walls no longer constructible or not meet FDOT noise abatement criteria. Assuming walls are still feasible and reasonable in the design phase, community input may be solicited to confirm support.





Appendix C: Typical Section Package

DRAFT

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION PACKAGE

FINANCIAL PROJECT ID 451419-1
POLK COUNTY
CENTRAL POLK PARKWAY EAST
NEW CONSTRUCTION OF CENTRAL POLK PARKWAY EAST
FROM US 17/92
TO POINCIANA CONNECTOR (SR 538)

TURNPIKE DISTRICT DESIGN ENGINEER	TURNPIKE DISTRICT STRUCTURES DESIGN ENGINEER
.	.
.	.
CONCURRING WITH: TYPICAL SECTION ELEMENTS DESIGN & POSTED SPEEDS	CONCURRING WITH: BRIDGE TYPICAL SECTION ELEMENTS
TURNPIKE DISTRICT TRAFFIC OPERATIONS ENGINEER	TURNPIKE DISTRICT INTERMODAL SYSTEMS DEVELOPMENT MANAGER
.	.
.	.
CONCURRING WITH: DESIGN & POSTED SPEEDS	CONCURRING WITH: CONTEXT CLASSIFICATION
FDOT DISTRICT DESIGN ENGINEER	FDOT DISTRICT STRUCTURES DESIGN ENGINEER
.	.
.	.
CONCURRING WITH: TYPICAL SECTION ELEMENTS TARGET SPEED DESIGN & POSTED SPEEDS	CONCURRING WITH: BRIDGE TYPICAL SECTION ELEMENTS
FDOT DISTRICT TRAFFIC OPERATIONS ENGINEER	FDOT DISTRICT INTERMODAL SYSTEMS DEVELOPMENT MANAGER
.	.
.	.
CONCURRING WITH: TARGET SPEED DESIGN & POSTED SPEEDS	CONCURRING WITH: CONTEXT CLASSIFICATION TARGET SPEED

PROJECT LOCATION URL: N/A

PROJECT LIMITS: Sta. 1039+00 TO Sta. 1342+35

EXCEPTIONS: NONE

BRIDGE LIMITS: CENTRAL POLK PARKWAY
OVERPASS BRIDGE
Sta. 1106+52 TO Sta. 1107+97
Sta. 1113+07 TO Sta. 1113+76
Sta. 1274+78 TO Sta. 1281+23
Sta. 1323+42 TO Sta. 1325+44

BRIDGE OVER WATER
Sta. 1128+08 TO Sta. 1136+33
Sta. 1148+80 TO Sta. 1155+62
Sta. 1213+36 TO Sta. 1228+86
Sta. 1253+41 TO Sta. 1268+66
Sta. 1340+84 TO Sta. 1344+12

INTERMEDIATE RAMPS
Sta. 33+35 TO Sta. 36+80

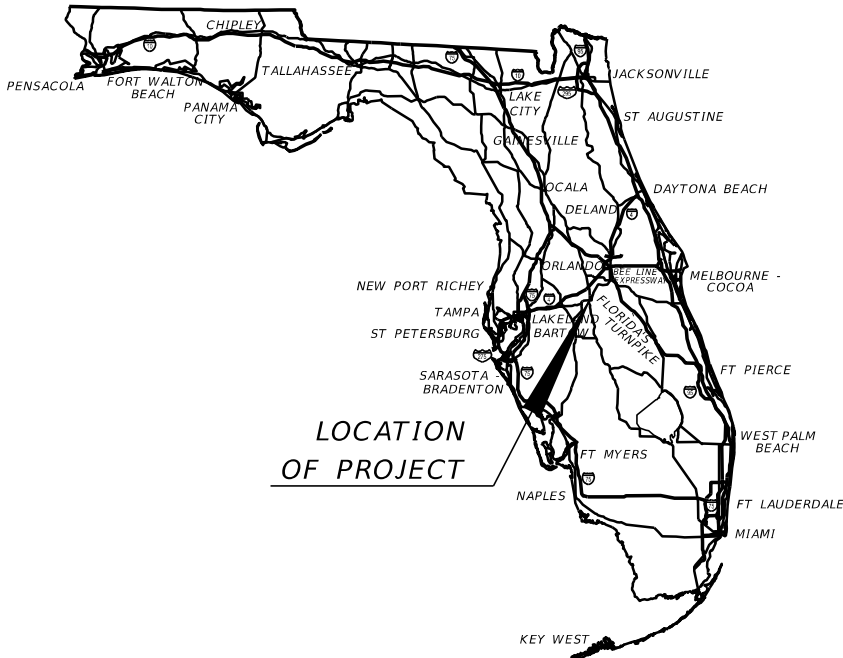
SOUTHBOUND RAMPS TO
POINCIANA PARKWAY
Sta. 119+82 TO Sta. 127+24
Sta. 132+17 TO Sta. 133+15
Sta. 145+85 TO Sta. 148+33
Sta. 149+15 TO Sta. 151+93
Sta. 159+25 TO Sta. 160+73

NORTHBOUND RAMPS TO
POINCIANA PARKWAY
Sta. 224+65 TO Sta. 231+20
Sta. 232+39 TO Sta. 233+41
Sta. 246+18 TO Sta. 272+35

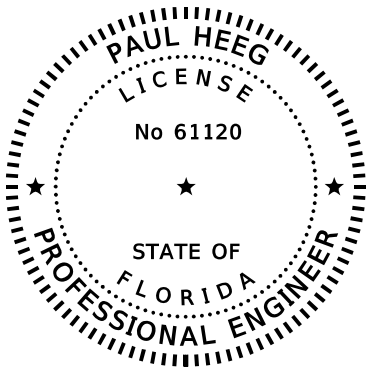
US 17/92
FLYOVER BRIDGE
Sta. 26+50 TO Sta. 36+14

ERNIE CALDWELL BOULEVARD
CPP Q Sta. 1162+30

RAILROAD CROSSING: Sta. 1113+07 TO Sta. 1113+76
Sta. 159+25 TO Sta. 160+73



APPROVED BY:



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

RS&H, INC.
10748 DEERWOOD PARK BLVD. SOUTH
JACKSONVILLE, FL 32256
PAUL HEEG, P.E. NO. 61120

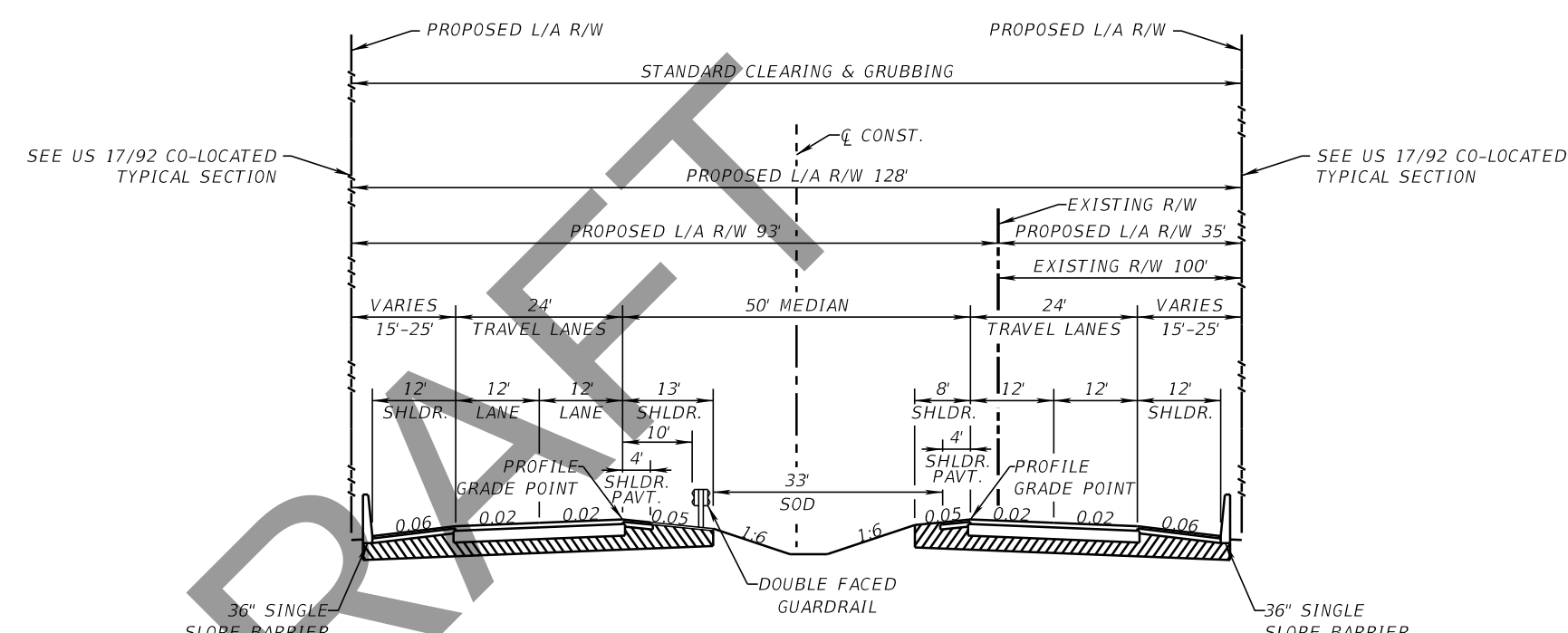
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF SHEETS

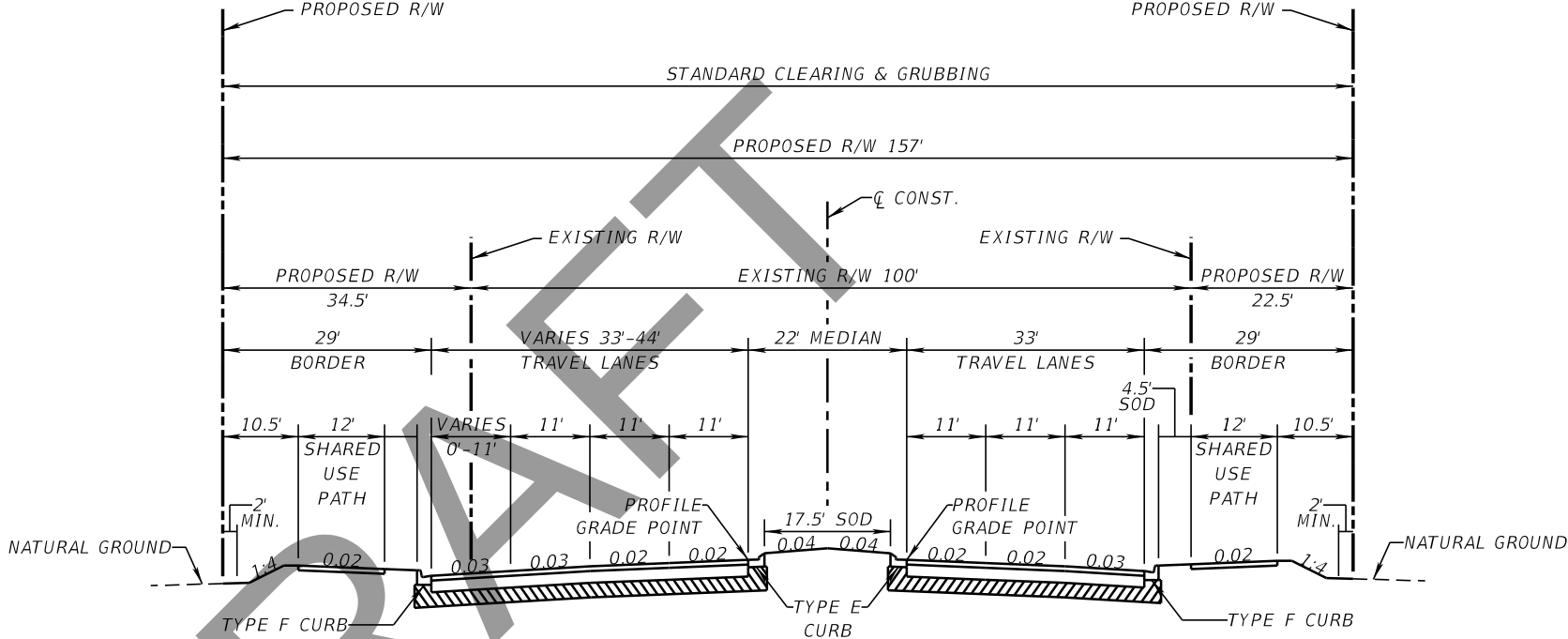
SHEET NO	SHEET DESCRIPTION
1	KEY SHEET
2-3	CENTRAL POLK PARKWAY MAINLINE TYPICAL SECTIONS
4-7	US 17/92 TYPICAL SECTIONS
8-12	BRIDGE STRUCTURE TYPICAL SECTIONS
13-14	TOLL SITE TYPICAL SECTIONS
15	INTERMEDIATE RAMP TYPICAL SECTION

SHEET
NO.

1

PROJECT CONTROLS		TYPICAL SECTION No. 1					
CONTEXT CLASSIFICATION () C1 : NATURAL () C2 : RURAL () C2T : RURAL TOWN () C3R : SUBURBAN RES. (X) N/A : L.A. FACILITY () C3C : SUBURBAN COMM. () C4 : URBAN GENERAL () C5 : URBAN CENTER () C6 : URBAN CORE		 SEE US 17/92 CO-LOCATED TYPICAL SECTION SEE US 17/92 CO-LOCATED TYPICAL SECTION TYPICAL SECTION CENTRAL POLK PARKWAY Sta. 1081+00 to Sta. 1125+00 CO-LOCATED WITH US 17/92					
FUNCTIONAL CLASSIFICATION () INTERSTATE (X) FREEWAY/EXPWY. () PRINCIPAL ARTERIAL () MINOR ARTERIAL () MAJOR COLLECTOR () MINOR COLLECTOR () LOCAL							
HIGHWAY SYSTEM () NATIONAL HIGHWAY SYSTEM (X) STRATEGIC INTERMODAL SYSTEM () STATE HIGHWAY SYSTEM () OFF-STATE HIGHWAY SYSTEM							
ACCESS CLASSIFICATION (X) 1 - FREEWAY () 2 - RESTRICTIVE w/Service Roads () 3 - RESTRICTIVE w/660 ft. Connection Spacing () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing () 5 - RESTRICTIVE w/440 ft. Connection Spacing () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing () 7 - BOTH MEDIAN TYPES							
CRITERIA (X) NEW CONSTRUCTION / RECONSTRUCTION () RESURFACING (LA FACILITIES) () RRR (ARTERIALS & COLLECTORS)							
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION: N/A		TRAFFIC DATA CURRENT YEAR = 2024 AADT = N/A ESTIMATED OPENING YEAR = 2030 AADT = N/A ESTIMATED DESIGN YEAR = 2050 AADT = 20,200 K= 10.5% D = 62.5% T = N/A (24 HOUR) DESIGN HOUR T = N/A TARGET SPEED = N/A DESIGN SPEED = 70 MPH POSTED SPEED = 70 MPH NOTE: NOT TO SCALE <table><tr><td>FINANCIAL PROJECT ID</td><td>SHEET NO.</td></tr><tr><td>451419-1</td><td>2</td></tr></table>		FINANCIAL PROJECT ID	SHEET NO.	451419-1	2
FINANCIAL PROJECT ID	SHEET NO.						
451419-1	2						

PROJECT CONTROLS		TYPICAL SECTION No. 2	
CONTEXT CLASSIFICATION C1 : NATURAL C2 : RURAL C2T : RURAL TOWN C3R : SUBURBAN RES. N/A : L.A. FACILITY C3C : SUBURBAN COMM. C4 : URBAN GENERAL C5 : URBAN CENTER C6 : URBAN CORE		PROPOSED L/A R/W STANDARD CLEARING & GRUBBING CL CONST. PROPOSED L/A R/W VARIES 286'-296.5' MEDIAN VARIES 50' TO 56.5' 36' CLEAR ZONE 24' TRAVEL LANES 12' SHLDR. 12' LANE 12' LANE 13' SHLDR. 10' SHLDR. PAVT. 4' SHLDR. PAVT. 33' SOD 8' SHLDR. 4' SHLDR. PAVT. 12' SHLDR. 12' LANE 12' LANE 10' SHLDR. PAVT. 12' SHLDR. 12' LANE 36' CLEAR ZONE 94' BORDER 2' MIN. NATURAL GROUND 2' MIN. NATURAL GROUND </	

PROJECT CONTROLS		TYPICAL SECTION No. 3	
CONTEXT CLASSIFICATION			
FUNCTIONAL CLASSIFICATION			
HIGHWAY SYSTEM			
ACCESS CLASSIFICATION			
CRITERIA		TYPICAL SECTION US 17/92 Sta. 1039+00 to Sta. 1081+00 FROM POWER LINE ROAD TO TEMPLES CROSS BOULEVARD	
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:			
N/A		NOTE: NOT TO SCALE	
TRAFFIC DATA			
CURRENT YEAR = 2024 AADT = 8,700 ESTIMATED OPENING YEAR = 2030 AADT = N/A ESTIMATED DESIGN YEAR = 2050 AADT = 31,400 K= 9.0% D = 60.0% T = 6 (24 HOUR) DESIGN HOUR T = 3% TARGET SPEED = 45 MPH DESIGN SPEED = 45 MPH POSTED SPEED = 45 MPH			
		FINANCIAL PROJECT ID	
		SHEET NO.	
		451419-1	
		4	

PROJECT CONTROLS

CONTEXT CLASSIFICATION

()	C1 : NATURAL	()	C3C : SUBURBAN COMM.
()	C2 : RURAL	()	C4 : URBAN GENERAL
()	C2T : RURAL TOWN	()	C5 : URBAN CENTER
(X)	C3R : SUBURBAN RES.	()	C6 : URBAN CORE
()	N/A : L.A. FACILITY		

FUNCTIONAL CLASSIFICATION

() INTERSTATE	() MAJOR COLLECTOR
() FREEWAY/EXPWY.	() MINOR COLLECTOR
(X) PRINCIPAL ARTERIAL	() LOCAL
() MINOR ARTERIAL	

HIGHWAY SYSTEM

(X) NATIONAL HIGHWAY SYSTEM
() STRATEGIC INTERMODAL SYSTEM
(X) STATE HIGHWAY SYSTEM
() OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

- () 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
- (X) 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

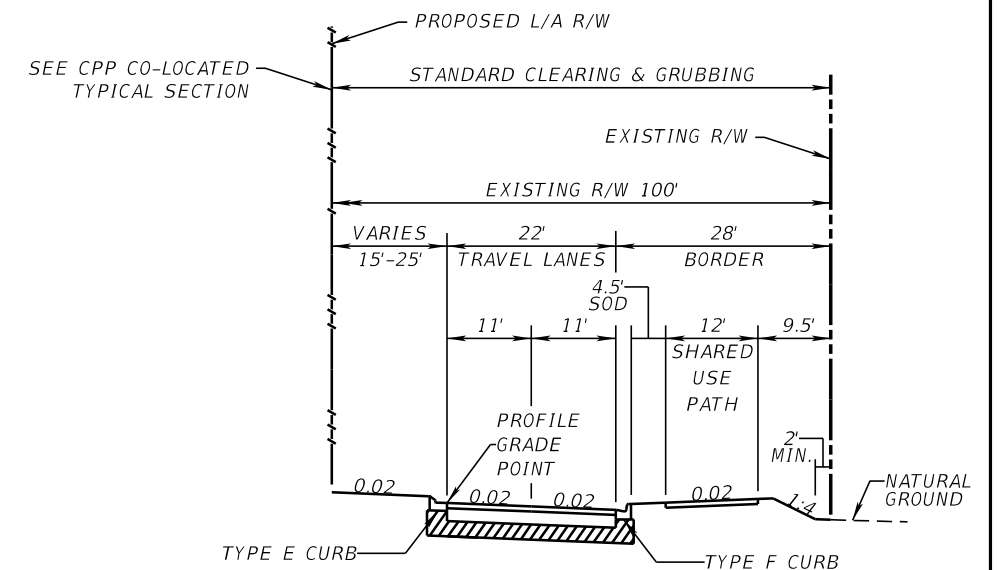
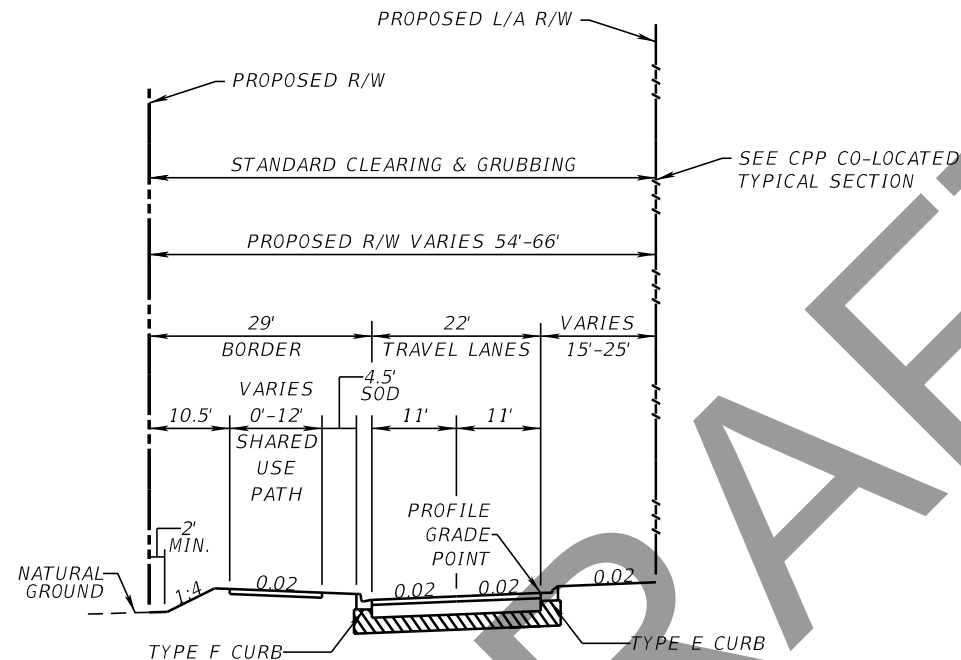
CRITERIA

(X) NEW CONSTRUCTION / RECONSTRUCTION
() RESURFACING (LA FACILITIES)
() RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS
RELATED TO TYPICAL SECTION:

N/A

TYPICAL SECTION No. 4



TYPICAL SECTION
US 17/92
Sta. 1081+00 to Sta. 1125+00
FROM TEMPLES CROSS BOULEVARD TO NORTH OF LEM CARNES ROAD

TRAFFIC DATA

CURRENT YEAR = 2024 AADT = 8,700
ESTIMATED OPENING YEAR = 2030 AADT = N/A
ESTIMATED DESIGN YEAR = 2050 AADT = 12,600
K = 9.0% D = 60.0% T = 6 (24 HOUR)
DESIGN HOUR T = 3%
TARGET SPEED = 45 MPH
DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH

NOTE: NOT TO SCALE

<i>FINANCIAL PROJECT ID</i>	<i>SHEET NO.</i>
<i>451419-1</i>	<i>5</i>

PROJECT CONTROLS

CONTEXT CLASSIFICATION

()	C1 : NATURAL	()	C3C : SUBURBAN COMM.
()	C2 : RURAL	()	C4 : URBAN GENERAL
()	C2T : RURAL TOWN	()	C5 : URBAN CENTER
(X)	C3R : SUBURBAN RES.	()	C6 : URBAN CORE
()	N/A : L.A. FACILITY		

FUNCTIONAL CLASSIFICATION

() INTERSTATE	() MAJOR COLLECTOR
() FREEWAY/EXPWY.	() MINOR COLLECTOR
(X) PRINCIPAL ARTERIAL	() LOCAL
() MINOR ARTERIAL	

HIGHWAY SYSTEM

(X) NATIONAL HIGHWAY SYSTEM
() STRATEGIC INTERMODAL SYSTEM
(X) STATE HIGHWAY SYSTEM
() OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

- () 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
- (X) 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

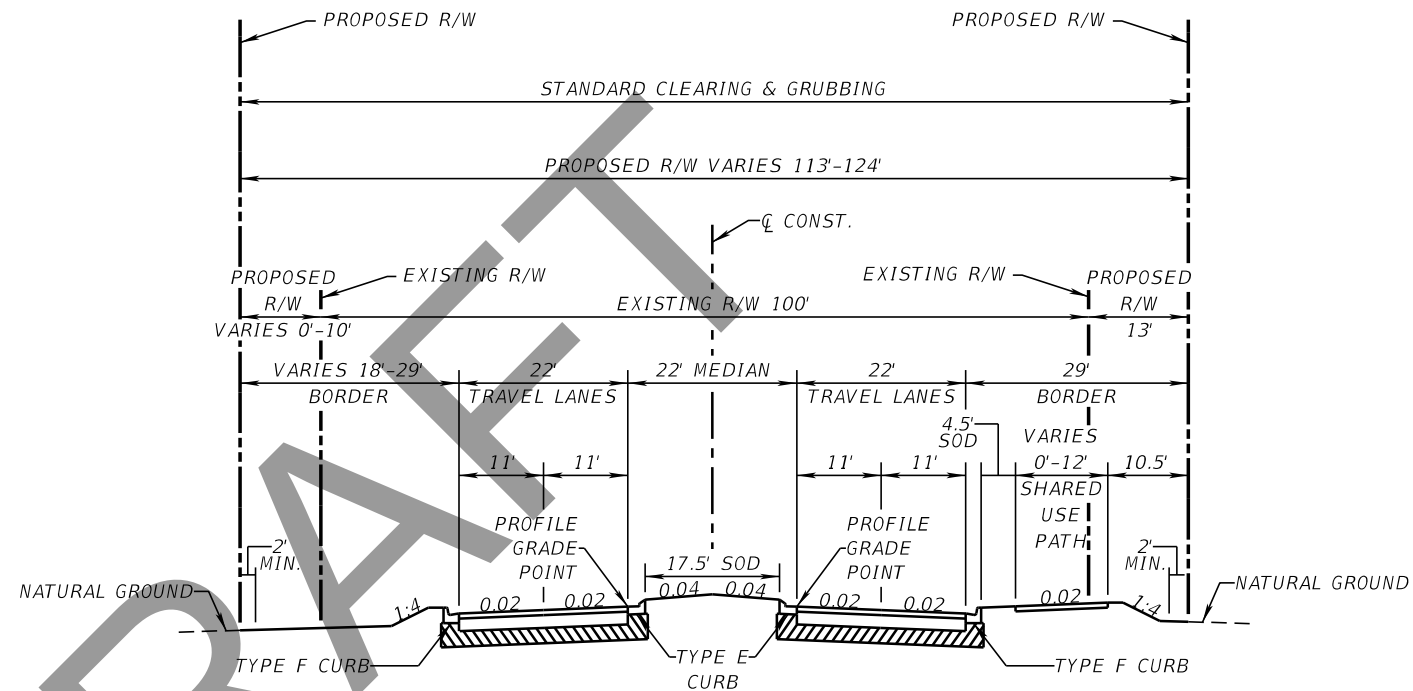
CRITERIA

(X) NEW CONSTRUCTION / RECONSTRUCTION
() RESURFACING (LA FACILITIES)
() RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS
RELATED TO TYPICAL SECTION:

N/A

TYPICAL SECTION No. 5



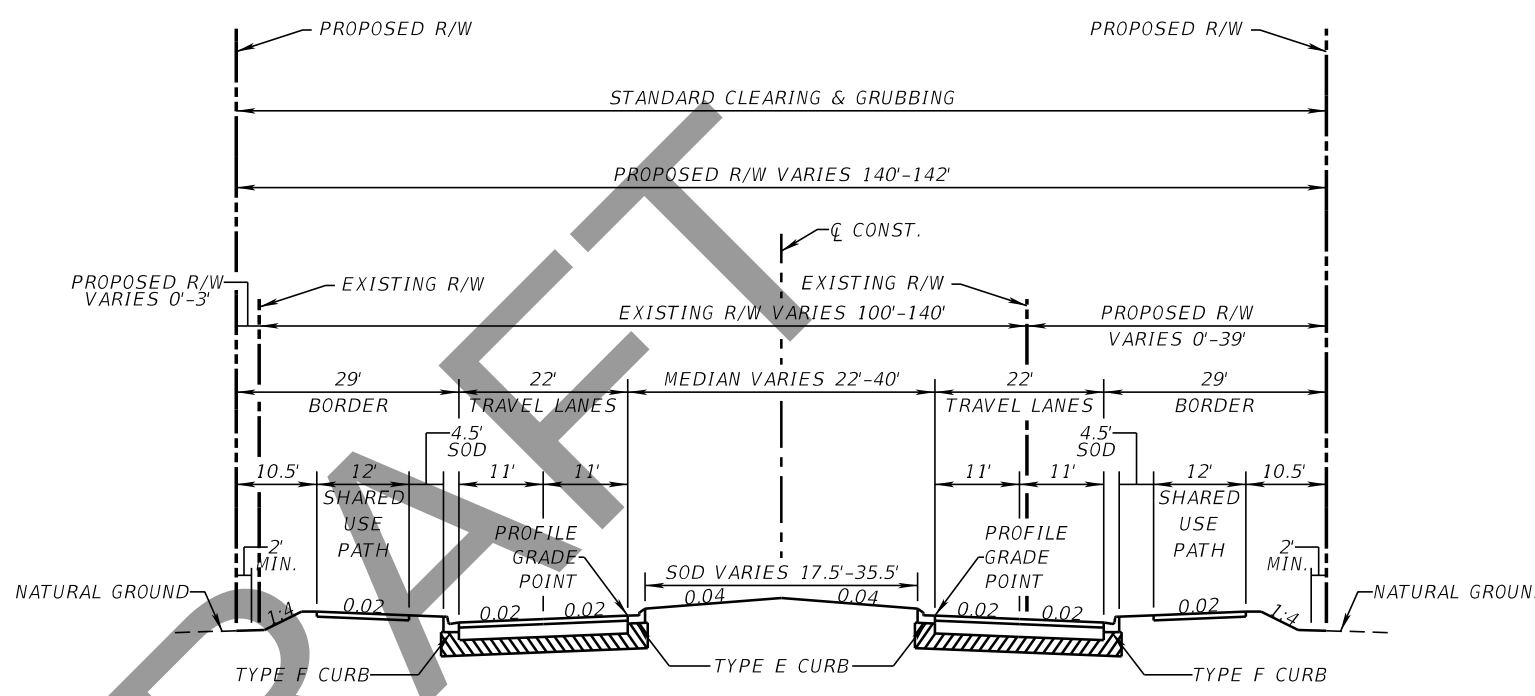
TYPICAL SECTION
US 17/92
Sta. 47+47 to Sta. 92+40
FROM NORTH OF LEM CARNES ROAD TO SOUTH OF SUNNY ACRES ROAD

TRAFFIC DATA

CURRENT YEAR = 2024 AADT = 8,900
ESTIMATED OPENING YEAR = 2030 AADT = N/A
ESTIMATED DESIGN YEAR = 2050 AADT = 13,000
K = 9.0% D = 60.0% T = 6 (24 HOUR)
DESIGN HOUR T = 3%
TARGET SPEED = 45 MPH
DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH

NOTE: NOT TO SCALE

<i>FINANCIAL PROJECT ID</i>	<i>SHEET NO.</i>
451419-1	6

PROJECT CONTROLS		TYPICAL SECTION No. 6					
CONTEXT CLASSIFICATION C1 : NATURAL C2 : RURAL C2T : RURAL TOWN X C3R : SUBURBAN RES. N/A : L.A. FACILITY C3C : SUBURBAN COMM. C4 : URBAN GENERAL C5 : URBAN CENTER C6 : URBAN CORE		 TYPICAL SECTION US 17/92 Sta. 42+00 to Sta. 80+50 FROM NORTH OF RONALD REAGAN PARKWAY TO NORTH OF PARKER ROAD					
FUNCTIONAL CLASSIFICATION INTERSTATE FREEWAY/EXPWY. X PRINCIPAL ARTERIAL MINOR ARTERIAL MAJOR COLLECTOR MINOR COLLECTOR LOCAL							
HIGHWAY SYSTEM NATIONAL HIGHWAY SYSTEM STRATEGIC INTERMODAL SYSTEM X STATE HIGHWAY SYSTEM OFF-STATE HIGHWAY SYSTEM							
ACCESS CLASSIFICATION 1 - FREEWAY 2 - RESTRICTIVE w/Service Roads X 3 - RESTRICTIVE w/660 ft. Connection Spacing 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing 5 - RESTRICTIVE w/440 ft. Connection Spacing 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing 7 - BOTH MEDIAN TYPES							
CRITERIA NEW CONSTRUCTION / RECONSTRUCTION RESURFACING (LA FACILITIES) RRR (ARTERIALS & COLLECTORS)							
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION: N/A							
TRAFFIC DATA CURRENT YEAR = 2024 AADT = 8,000 ESTIMATED OPENING YEAR = 2030 AADT = N/A ESTIMATED DESIGN YEAR = 2050 AADT = 14,800 K= 9.0% D = 60.0% T = 6 (24 HOUR) DESIGN HOUR T = 3% TARGET SPEED = 45 MPH DESIGN SPEED = 45 MPH POSTED SPEED = 45 MPH		NOTE: NOT TO SCALE <table><tr><td>FINANCIAL PROJECT ID</td><td>SHEET NO.</td></tr><tr><td>451419-1</td><td>7</td></tr></table>		FINANCIAL PROJECT ID	SHEET NO.	451419-1	7
FINANCIAL PROJECT ID	SHEET NO.						
451419-1	7						

PROJECT CONTROLS

CONTEXT CLASSIFICATION

() C1 : NATURAL	() C3C : SUBURBAN COMM.
() C2 : RURAL	() C4 : URBAN GENERAL
() C2T : RURAL TOWN	() C5 : URBAN CENTER
() C3R : SUBURBAN RES.	() C6 : URBAN CORE
(X) N/A : L.A. FACILITY	

FUNCTIONAL CLASSIFICATION

()	INTERSTATE	()	MAJOR COLLECTOR
(X)	FREEWAY/EXPWY.	()	MINOR COLLECTOR
()	PRINCIPAL ARTERIAL	()	LOCAL
()	MINOR ARTERIAL		

HIGHWAY SYSTEM

() NATIONAL HIGHWAY SYSTEM
(X) STRATEGIC INTERMODAL SYSTEM
() STATE HIGHWAY SYSTEM
() OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

(X) 1 - FREEWAY
() 2 - RESTRICTIVE w/Service Roads
() 3 - RESTRICTIVE w/660 ft. Connection Spacing
() 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
() 5 - RESTRICTIVE w/440 ft. Connection Spacing
() 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
() 7 - BOTH MEDIAN TYPES

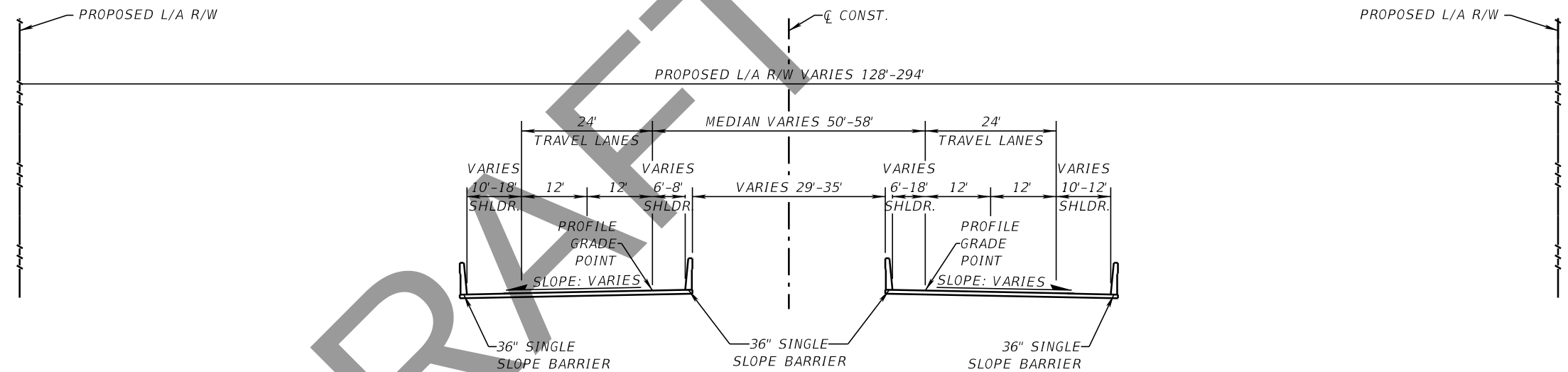
CRITERIA

(X) NEW CONSTRUCTION / RECONSTRUCTION
() RESURFACING (LA FACILITIES)
() RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS
RELATED TO TYPICAL SECTION:

N/A

TYPICAL SECTION No. 7



TRAFFIC DATA - SOUTH OF LEM CARNES ROAD

CURRENT YEAR = 2024 AADT = N/A
ESTIMATED OPENING YEAR = 2030 AADT = N/A
ESTIMATED DESIGN YEAR = 2050 AADT = 20,200
K = 10.5% D = 62.5% T = N/A (24 HOUR)
DESIGN HOUR T = N/A
TARGET SPEED = N/A
DESIGN SPEED = 70 MPH
POSTED SPEED = 70 MPH

TRAFFIC DATA - NORTH OF LEM CARNES ROAD

CURRENT YEAR = 2024 AADT = N/A
ESTIMATED OPENING YEAR = 2030 AADT = N/A
ESTIMATED DESIGN YEAR = 2050 AADT = 24,000
K = 10.5% D = 62.5% T = N/A (24 HOUR)
DESIGN HOUR T = N/A
TARGET SPEED = N/A
DESIGN SPEED = 70 MPH
POSTED SPEED = 70 MPH

TYPICAL SECTION
CENTRAL POLK PARKWAY
Sta. 1106+52 TO Sta. 1107+97
Sta. 1113+07 TO Sta. 1113+76
Sta. 1274+78 TO Sta. 1281+23
Sta. 1323+42 TO Sta. 1325+42
OVERPASS BRIDGE

SOUTHBOUND RAMPS TO POINCIANA PARKWAY

Sta. 119+82 TO Sta. 127+24
Sta. 132+17 TO Sta. 133+15
Sta. 145+85 TO Sta. 148+33
Sta. 149+15 TO Sta. 151+93
Sta. 159+25 TO Sta. 160+73
OVERPASS BRIDGE

NORTHBOUND RAMPS TO POINCIANA PARKWAY

Sta. 224+65 TO Sta. 231+20
Sta. 232+39 TO Sta. 233+41
Sta. 246+18 TO Sta. 272+35
OVERPASS BRIDGE

NOTE: NOT TO SCALE

<i>FINANCIAL PROJECT ID</i>	<i>SHEET NO.</i>
<i>451419-1</i>	<i>8</i>

PROJECT CONTROLS

CONTEXT CLASSIFICATION

() C1 : NATURAL	() C3C : SUBURBAN COMM.
() C2 : RURAL	() C4 : URBAN GENERAL
() C2T : RURAL TOWN	() C5 : URBAN CENTER
() C3R : SUBURBAN RES.	() C6 : URBAN CORE
(X) N/A : L.A. FACILITY	

FUNCTIONAL CLASSIFICATION

() INTERSTATE	() MAJOR COLLECTOR
(X) FREEWAY/EXPWY.	() MINOR COLLECTOR
() PRINCIPAL ARTERIAL	() LOCAL
() MINOR ARTERIAL	

HIGHWAY SYSTEM

() NATIONAL HIGHWAY SYSTEM
(X) STRATEGIC INTERMODAL SYSTEM
() STATE HIGHWAY SYSTEM
() OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

(X) 1 - FREEWAY
() 2 - RESTRICTIVE w/Service Roads
() 3 - RESTRICTIVE w/660 ft. Connection Spacing
() 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
() 5 - RESTRICTIVE w/440 ft. Connection Spacing
() 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
() 7 - BOTH MEDIAN TYPES

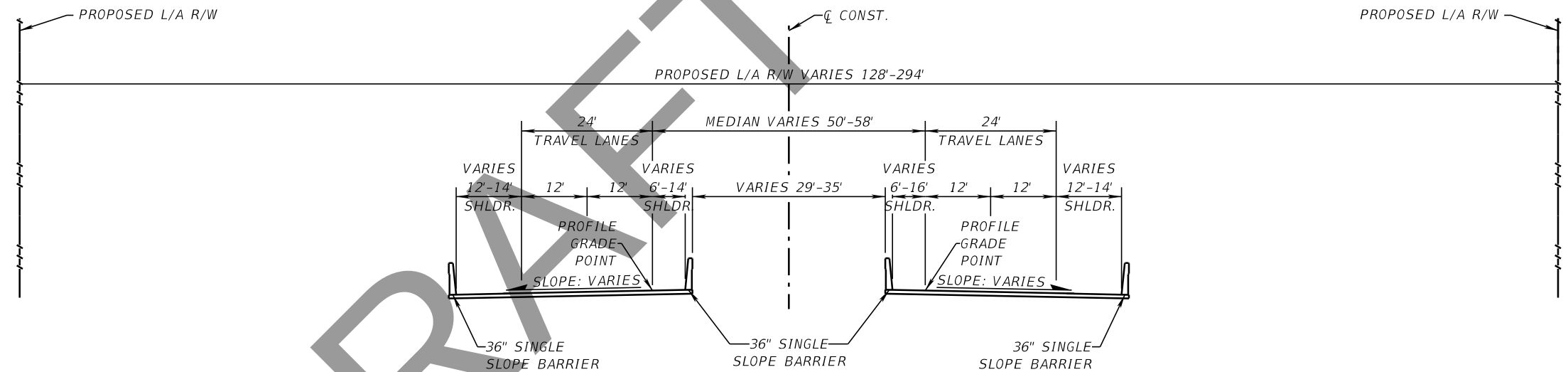
CRITERIA

(X) NEW CONSTRUCTION / RECONSTRUCTION
() RESURFACING (LA FACILITIES)
() RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS
RELATED TO TYPICAL SECTION:

N/A

TYPICAL SECTION No. 8



TYPICAL SECTION
CENTRAL POLK PARKWAY
Sta. 1128+08 TO Sta. 1136+33
Sta. 1148+80 TO Sta. 1155+62
Sta. 1213+36 TO Sta. 1228+86
Sta. 1253+41 TO Sta. 1268+66
Sta. 1340+84 TO Sta. 1344+12
BRIDGE OVER WATER

TRAFFIC DATA - NORTH OF LEM CARNES ROAD

CURRENT YEAR = 2024 AADT = N/A
ESTIMATED OPENING YEAR = 2030 AADT = N/A
ESTIMATED DESIGN YEAR = 2050 AADT = 24,000
K = 10.5% D = 62.5% T = N/A (24 HOUR)
DESIGN HOUR T = N/A
TARGET SPEED = N/A
DESIGN SPEED = 70 MPH
POSTED SPEED = 70 MPH

NOTE: NOT TO SCALE

<i>FINANCIAL PROJECT ID</i>	<i>SHEET NO.</i>
<i>451419-1</i>	<i>9</i>

PROJECT CONTROLS

CONTEXT CLASSIFICATION

()	C1 : NATURAL	()	C3C : SUBURBAN COMM.
()	C2 : RURAL	()	C4 : URBAN GENERAL
()	C2T : RURAL TOWN	()	C5 : URBAN CENTER
(X)	C3R : SUBURBAN RES.	()	C6 : URBAN CORE
()	N/A : L.A. FACILITY		

FUNCTIONAL CLASSIFICATION

()	INTERSTATE	()	MAJOR COLLECTOR
()	FREEWAY/EXPWY.	()	MINOR COLLECTOR
(X)	PRINCIPAL ARTERIAL	()	LOCAL
()	MINOR ARTERIAL		

HIGHWAY SYSTEM

(X) NATIONAL HIGHWAY SYSTEM
() STRATEGIC INTERMODAL SYSTEM
(X) STATE HIGHWAY SYSTEM
() OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

- () 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
- (X) 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

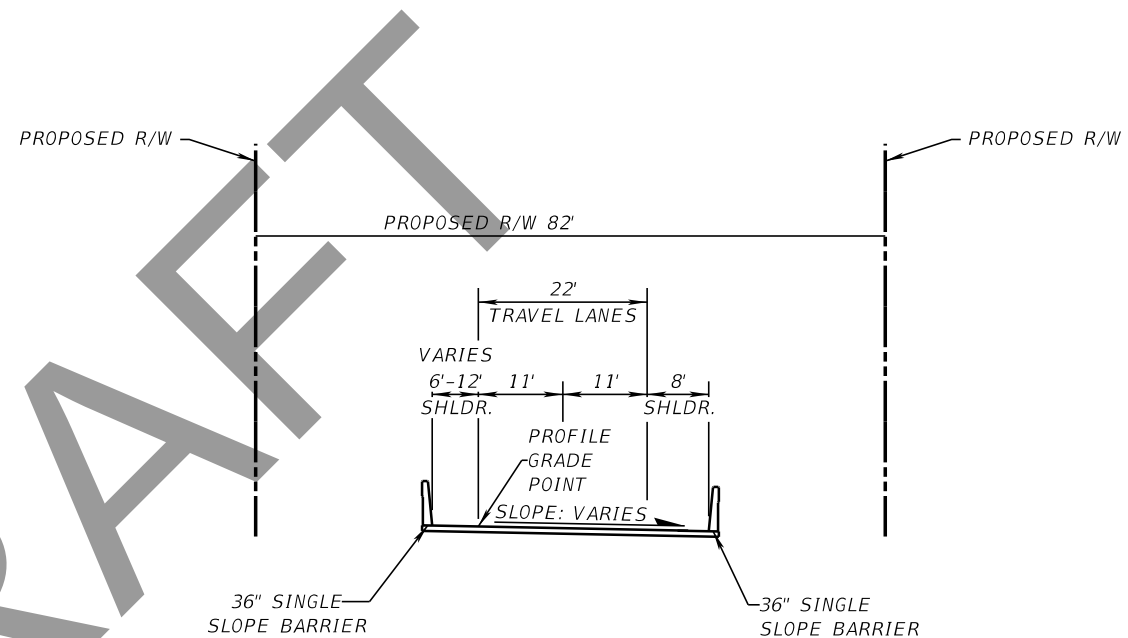
CRITERIA

(X) NEW CONSTRUCTION / RECONSTRUCTION
() RESURFACING (LA FACILITIES)
() RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS
RELATED TO TYPICAL SECTION:

N/A

TYPICAL SECTION No. 9



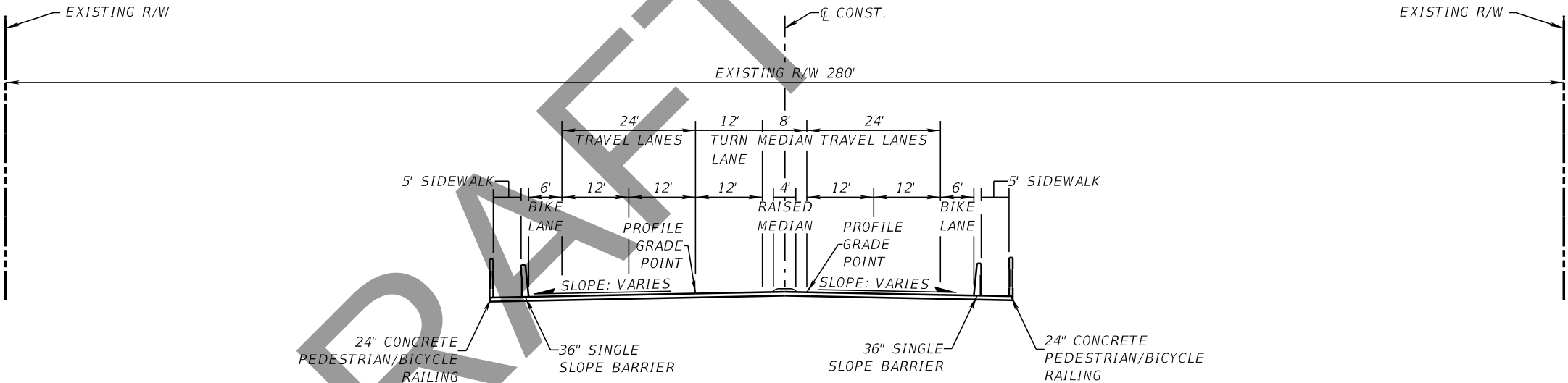
TYPICAL SECTION
US 17/92
Sta. 26+50 to Sta. 36+14
FLYOVER BRIDGE

TRAFFIC DATA

CURRENT YEAR = 2024 AADT = 8,900
ESTIMATED OPENING YEAR = 2030 AADT = N/A
ESTIMATED DESIGN YEAR = 2050 AADT = 13,000
K = 9.0% D = 60.0% T = 6 (24 HOUR)
DESIGN HOUR T = 3%
TARGET SPEED = 45 MPH
DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH

NOTE: NOT TO SCALE

<i>FINANCIAL PROJECT ID</i>	<i>SHEET NO.</i>
<i>451419-1</i>	<i>10</i>

PROJECT CONTROLS		TYPICAL SECTION No. 10					
CONTEXT CLASSIFICATION ☐ C1 : NATURAL ☐ C2 : RURAL ☐ C2T : RURAL TOWN ☒ C3R : SUBURBAN RES. ☐ N/A : L.A. FACILITY ☐ C3C : SUBURBAN COMM. ☐ C4 : URBAN GENERAL ☐ C5 : URBAN CENTER ☐ C6 : URBAN CORE		 TYPICAL SECTION ERNIE CALDWELL BOULEVARD CPP Q Sta. 1162+30 WIDENED BRIDGE OVER RAILROAD					
FUNCTIONAL CLASSIFICATION ☐ INTERSTATE ☐ FREEWAY/EXPWY. ☐ PRINCIPAL ARTERIAL ☐ MINOR ARTERIAL ☐ MAJOR COLLECTOR ☐ MINOR COLLECTOR ☒ LOCAL							
HIGHWAY SYSTEM ☐ NATIONAL HIGHWAY SYSTEM ☐ STRATEGIC INTERMODAL SYSTEM ☐ STATE HIGHWAY SYSTEM ☒ OFF-STATE HIGHWAY SYSTEM							
ACCESS CLASSIFICATION ☐ 1 - FREEWAY ☐ 2 - RESTRICTIVE w/Service Roads ☐ 3 - RESTRICTIVE w/660 ft. Connection Spacing ☐ 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing ☒ 5 - RESTRICTIVE w/440 ft. Connection Spacing ☐ 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing ☐ 7 - BOTH MEDIAN TYPES							
CRITERIA ☒ NEW CONSTRUCTION / RECONSTRUCTION ☐ RESURFACING (LA FACILITIES) ☐ RRR (ARTERIALS & COLLECTORS)		NOTE: NOT TO SCALE <table><tr><td>FINANCIAL PROJECT ID</td><td>SHEET NO.</td></tr><tr><td>451419-1</td><td>11</td></tr></table>		FINANCIAL PROJECT ID	SHEET NO.	451419-1	11
FINANCIAL PROJECT ID	SHEET NO.						
451419-1	11						
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION: 1. BICYCLE LANE WIDTH							
TRAFFIC DATA CURRENT YEAR = 2024 AADT = 4,000 ESTIMATED OPENING YEAR = 2030 AADT = N/A ESTIMATED DESIGN YEAR = 2050 AADT = 7,700 K= N/A D = N/A T = N/A (24 HOUR) DESIGN HOUR T = N/A TARGET SPEED = 45 MPH DESIGN SPEED = 45 MPH POSTED SPEED = 45 MPH							

PROJECT CONTROLS

CONTEXT CLASSIFICATION

()	C1 : NATURAL	()	C3C : SUBURBAN COMM.
()	C2 : RURAL	()	C4 : URBAN GENERAL
()	C2T : RURAL TOWN	()	C5 : URBAN CENTER
()	C3R : SUBURBAN RES.	()	C6 : URBAN CORE
(X)	N/A : L.A. FACILITY		

FUNCTIONAL CLASSIFICATION

()	INTERSTATE	()	MAJOR COLLECTOR
(X)	FREEWAY/EXPWY.	()	MINOR COLLECTOR
()	PRINCIPAL ARTERIAL	()	LOCAL
()	MINOR ARTERIAL		

HIGHWAY SYSTEM

() NATIONAL HIGHWAY SYSTEM
(X) STRATEGIC INTERMODAL SYSTEM
() STATE HIGHWAY SYSTEM
() OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

(X) 1 - FREEWAY
() 2 - RESTRICTIVE w/Service Roads
() 3 - RESTRICTIVE w/660 ft. Connection Spacing
() 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
() 5 - RESTRICTIVE w/440 ft. Connection Spacing
() 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
() 7 - BOTH MEDIAN TYPES

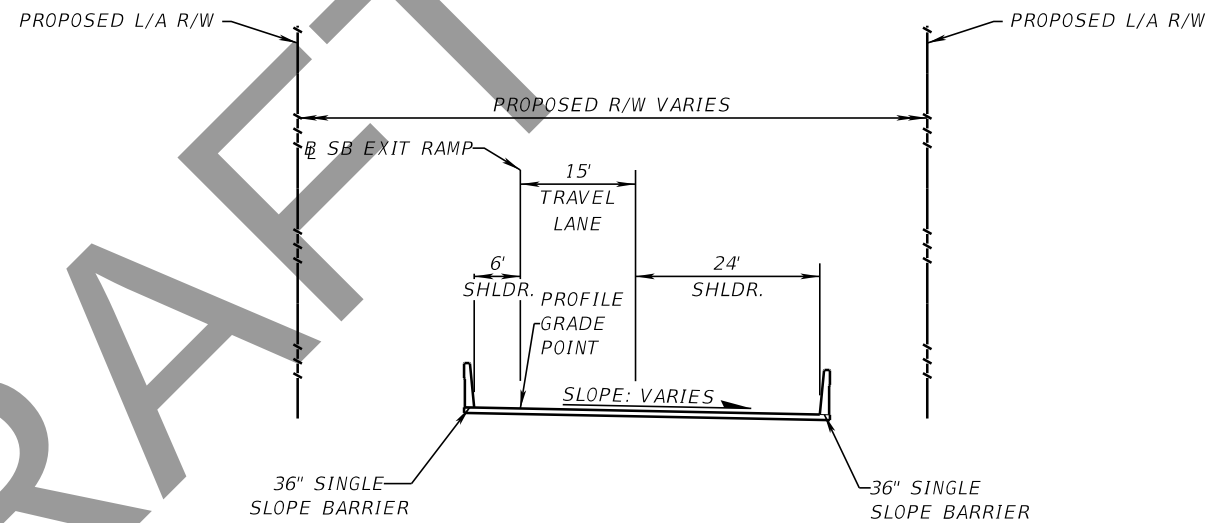
CRITERIA

(X) NEW CONSTRUCTION / RECONSTRUCTION
() RESURFACING (LA FACILITIES)
() RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS
RELATED TO TYPICAL SECTION:

N/A

TYPICAL SECTION No. 11



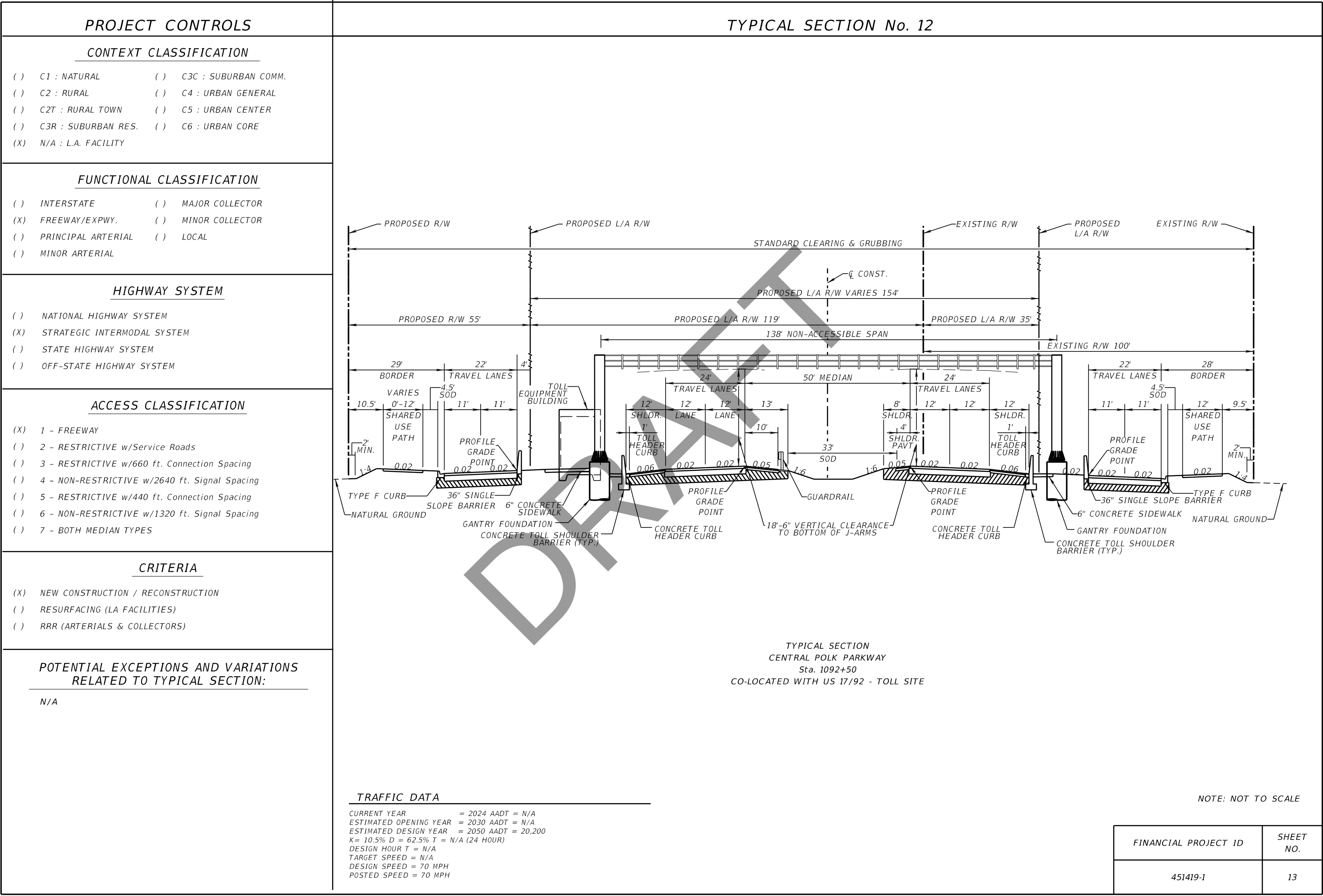
TYPICAL SECTION
CENTRAL POLK PARKWAY
Sta. 33+35 TO Sta. 36+80
INTERMEDIATE RAMPS - FLYOVER

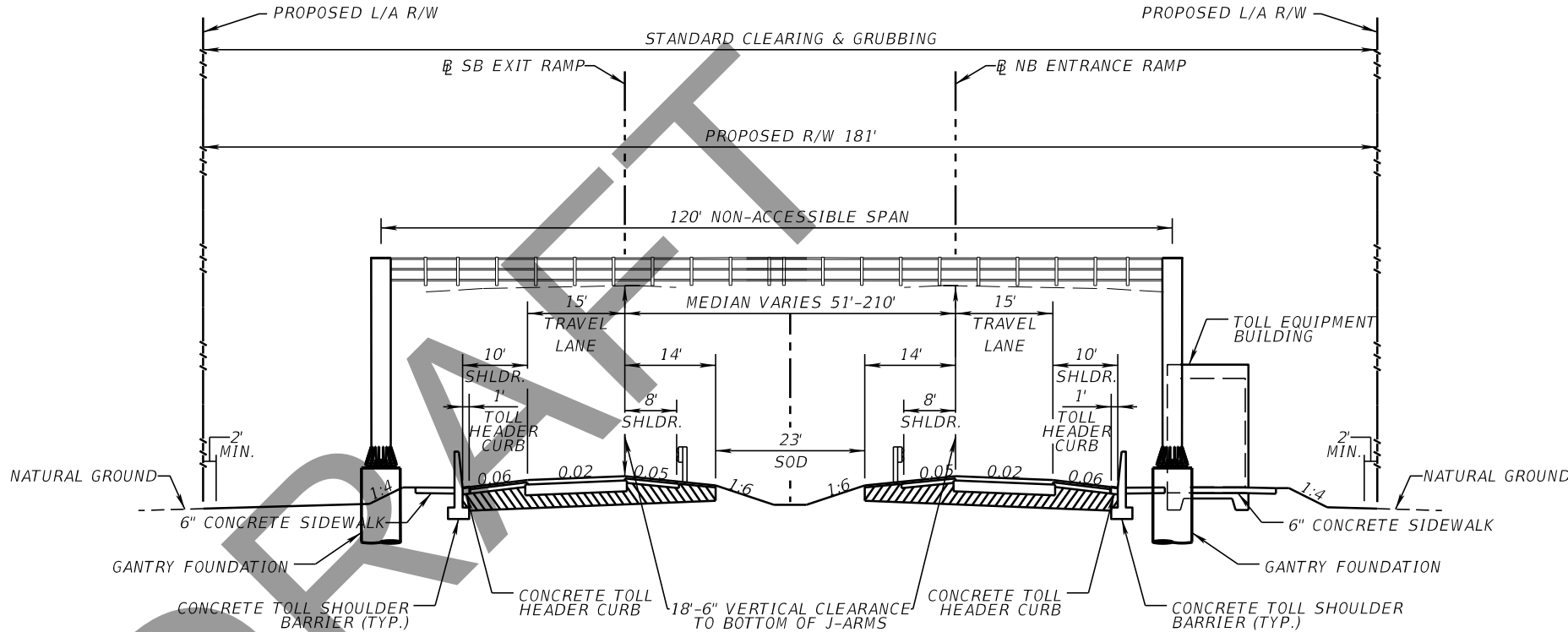
TRAFFIC DATA

CURRENT YEAR = 2024 AADT = N/A
 ESTIMATED OPENING YEAR = 2030 AADT = N/A
 ESTIMATED DESIGN YEAR = 2050 AADT = 3,800
 K = 10.5% D = 62.5% T = N/A (24 HOUR)
 DESIGN HOUR T = N/A
 TARGET SPEED = 50 MPH
 DESIGN SPEED = 50 MPH
 POSTED SPEED = 50 MPH

NOTE: NOT TO SCALE

<i>FINANCIAL PROJECT ID</i>	<i>SHEET NO.</i>
451419-1	12



PROJECT CONTROLS		TYPICAL SECTION No. 13					
CONTEXT CLASSIFICATION C1 : NATURAL C2 : RURAL C2T : RURAL TOWN C3R : SUBURBAN RES. X N/A : L.A. FACILITY C3C : SUBURBAN COMM. C4 : URBAN GENERAL C5 : URBAN CENTER C6 : URBAN CORE		 TYPICAL SECTION CENTRAL POLK PARKWAY Sta. 34+65 INTERMEDIATE RAMPs - TOLL SITE					
FUNCTIONAL CLASSIFICATION INTERSTATE X FREEWAY/EXPWY. PRINCIPAL ARTERIAL MINOR ARTERIAL MAJOR COLLECTOR MINOR COLLECTOR LOCAL							
HIGHWAY SYSTEM NATIONAL HIGHWAY SYSTEM X STRATEGIC INTERMODAL SYSTEM STATE HIGHWAY SYSTEM OFF-STATE HIGHWAY SYSTEM							
ACCESS CLASSIFICATION X 1 - FREEWAY 2 - RESTRICTIVE w/Service Roads 3 - RESTRICTIVE w/660 ft. Connection Spacing 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing 5 - RESTRICTIVE w/440 ft. Connection Spacing 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing 7 - BOTH MEDIAN TYPES							
CRITERIA X NEW CONSTRUCTION / RECONSTRUCTION RESURFACING (LA FACILITIES) RRR (ARTERIALS & COLLECTORS)							
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION: N/A							
TRAFFIC DATA CURRENT YEAR = 2024 AADT = N/A ESTIMATED OPENING YEAR = 2030 AADT = N/A ESTIMATED DESIGN YEAR = 2050 AADT = 3,800 K= 10.5% D = 62.5% T = N/A (24 HOUR) DESIGN HOUR T = N/A TARGET SPEED = N/A DESIGN SPEED = 50 MPH POSTED SPEED = 50 MPH		NOTE: NOT TO SCALE <table><tr><td>FINANCIAL PROJECT ID</td><td>SHEET NO.</td></tr><tr><td>451419-1</td><td>14</td></tr></table>		FINANCIAL PROJECT ID	SHEET NO.	451419-1	14
FINANCIAL PROJECT ID	SHEET NO.						
451419-1	14						

PROJECT CONTROLS		TYPICAL SECTION No. 14	
CONTEXT CLASSIFICATION			
FUNCTIONAL CLASSIFICATION			
HIGHWAY SYSTEM			
ACCESS CLASSIFICATION			
CRITERIA		TYPICAL SECTION CENTRAL POLK PARKWAY Sta. 30+00 to Sta. 47+00 INTERMEDIATE RAMPs	
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:			
TRAFFIC DATA		NOTE: NOT TO SCALE	
FINANCIAL PROJECT ID		SHEET NO.	
451419-1		15	



Appendix D: Long Range Estimates

DRAFT

Date: 10/24/2025 3:03:00 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 451419-1-22-01

Letting Date: 01/2099

Description: PD&E CENTRAL POLK PARKWAY EAST FROM US17/92 TO SR538

District: 08

County: 16 POLK

Market Area: 08

Units: English

Contract Class: 3 Lump Sum Project: N

Design/Build: N

Project Length: 1.000 MI

Project Manager: HEYWOOD

Version 6 Project Grand Total

\$875,940,127.70

Description: Central Park Parkway East - Preferred Alternative (Alt 401) - New Alignment adjacent to US 17/92 (2025-10-17)

Sequence: 1 NDU - New Construction, Divided, Urban

Net Length: 0.260 MI
1,373 LF

Description: US 17/92 - South tie-in. 6-lane average lanes with 22 ft average median

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	70.00 / 70.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.260
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	4.41	AC	\$73,595.46	\$324,555.98
120-6	EMBANKMENT	35,460.95	CY	\$45.00	\$1,595,742.75
Earthwork Component Total					\$1,920,298.73

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Roadway Pavement Width L/R	33.00 / 33.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	11,641.34	SY	\$22.88	\$266,353.86

285-709	OPTIONAL BASE,BASE GROUP 09	10,067.20 SY	\$57.53	\$579,166.02
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,661.09 TN	\$192.88	\$320,391.04
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	830.54 TN	\$208.32	\$173,018.09

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	176.00	EA	\$4.90	\$862.40
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.08	GM	\$1,552.05	\$3,228.26
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	2.08	GM	\$630.05	\$1,310.50
Roadway Component Total					\$1,344,330.17

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	18.75 / 18.75
Total Outside Shoulder Perf. Turf Width L/R	4.50 / 4.50
Sidewalk Width L/R	12.00 / 12.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,372.80	LF	\$57.31	\$78,675.17
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,372.80	LF	\$57.31	\$78,675.17
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	3,660.80	SY	\$85.60	\$313,364.48
570-1-1	PERFORMANCE TURF	1,372.80	SY	\$4.74	\$6,507.07

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,745.60	LF	\$3.38	\$9,280.13
104-11	FLOATING TURBIDITY BARRIER	65.00	LF	\$17.64	\$1,146.60
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	65.00	LF	\$9.79	\$636.35
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	14.00	EA	\$191.69	\$2,683.66
107-1	LITTER REMOVAL	6.62	AC	\$58.61	\$388.00
107-2	MOWING	6.62	AC	\$88.25	\$584.22

Shoulder Component Total**\$495,961.99**

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	22.00
Performance Turf Width	17.50

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	2,745.60	LF	\$55.42	\$152,161.15
570-1-1	PERFORMANCE TURF	2,669.33	SY	\$4.74	\$12,652.62
Median Component Total					\$164,813.77

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	10.00	EA	\$9,895.88	\$98,958.80
425-1-451	INLETS, CURB, TYPE J-5, <10'	3.00	EA	\$14,616.72	\$43,850.16
425-1-521	INLETS, DT BOT, TYPE C, <10'	2.00	EA	\$7,787.64	\$15,575.28
425-2-41	MANHOLES, P-7, <10'	2.00	EA	\$8,770.84	\$17,541.68
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	688.00	LF	\$226.68	\$155,955.84
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	64.00	LF	\$345.31	\$22,099.84
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	1,304.00	LF	\$468.82	\$611,341.28
570-1-1	PERFORMANCE TURF	79.04	SY	\$4.74	\$374.65
Drainage Component Total					\$965,697.53

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	7.00	EA	\$565.92	\$3,961.44
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	1.00	EA	\$1,973.48	\$1,973.48
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	1.00	EA	\$10,274.73	\$10,274.73
700-2-116	MULTI- COLUMN SIGN, F&I GM, 100.1-200 SF	1.00	EA	\$17,767.92	\$17,767.92
Signing Component Total					\$33,977.57

LIGHTING COMPONENT**Conventional Lighting Subcomponent**

Description	Value
Spacing	MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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630-2-11	CONDUIT, F& I, OPEN TRENCH	1,372.80 LF	\$23.35	\$32,054.88
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	272.48 LF	\$40.59	\$11,059.96
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	10.00 EA	\$1,702.57	\$17,025.70
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	5,013.84 LF	\$4.75	\$23,815.74
715-61-342	LIGHT POLE CMPLT,STD,F&I, 40'MH,12'ARM L	10.00 EA	\$10,618.85	\$106,188.50
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	10.00 EA	\$930.31	\$9,303.10
Subcomponent Total				\$199,447.88
Lighting Component Total				\$199,447.88
Sequence 1 Total				\$5,124,527.64

DRAFT

Sequence: 2 NDU - New Construction, Divided, Urban**Net Length:** 0.731 MI
3,860 LF**Description:** US 17/92 - 7-lane Typical (4 SB lanes only)**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	78.50 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.731
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 0 to 1
Median Shoulder Cross Slope L/R	4.00 % / 0.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 0.00 %
Roadway Cross Slope L/R	2.00 % / 0.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	6.96	AC	\$73,595.46	\$512,224.40
120-6	EMBANKMENT	48,719.17	CY	\$45.00	\$2,192,362.65
Earthwork Component Total					\$2,704,587.05

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	44.00 / 0.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	21,085.31	SY	\$22.88	\$482,431.89
285-709	OPTIONAL BASE,BASE GROUP 09	18,872.13	SY	\$57.53	\$1,085,713.64
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	3,113.90	TN	\$192.88	\$600,609.03
337-7-83	ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22	1,556.95	TN	\$208.32	\$324,343.82

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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706-1-3	RAISED PAVMT MARK, TYPE B	296.00 EA	\$4.90	\$1,450.40
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	5.85 GM	\$1,552.05	\$9,079.49
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	2.92 GM	\$630.05	\$1,839.75
Roadway Component Total				\$2,505,468.02

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	18.75 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	4.50 / 0.00
Sidewalk Width L/R	12.00 / 0.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	3,860.21 LF	\$57.31	\$221,228.64
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	5,146.94 SY	\$85.60	\$440,578.06
570-1-1	PERFORMANCE TURF	1,930.10 SY	\$4.74	\$9,148.67

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	7,720.42 LF	\$3.38	\$26,095.02
104-11	FLOATING TURBIDITY BARRIER	182.78 LF	\$17.64	\$3,224.24
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	182.78 LF	\$9.79	\$1,789.42
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	38.00 EA	\$191.69	\$7,284.22
107-1	LITTER REMOVAL	18.61 AC	\$58.61	\$1,090.73
107-2	MOWING	18.61 AC	\$88.25	\$1,642.33
Shoulder Component Total				\$716,102.47

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	11.00
Performance Turf Width	8.75

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	3,752.98 SY	\$4.74	\$17,789.13

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	3,860.00 LF	\$55.42	\$213,921.20
Comment: One side of median. Other side in sequence 3.				

Median Component Total

\$231,710.33

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	27.00	EA	\$9,895.88	\$267,188.76
425-1-451	INLETS, CURB, TYPE J-5, <10'	8.00	EA	\$14,616.72	\$116,933.76
425-1-521	INLETS, DT BOT, TYPE C, <10'	4.00	EA	\$7,787.64	\$31,150.56
425-2-41	MANHOLES, P-7, <10'	4.00	EA	\$8,770.84	\$35,083.36
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	1,936.00	LF	\$226.68	\$438,852.48
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	176.00	LF	\$345.31	\$60,774.56
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	3,656.00	LF	\$468.82	\$1,714,005.92
570-1-1	PERFORMANCE TURF	222.25	SY	\$4.74	\$1,053.47
Drainage Component Total					\$2,665,042.87

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	18.00	EA	\$565.92	\$10,186.56
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	2.00	EA	\$1,973.48	\$3,946.96
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	2.00	EA	\$10,274.73	\$20,549.46
700-2-116	MULTI- COLUMN SIGN, F&I GM, 100.1-200 SF	2.00	EA	\$17,767.92	\$35,535.84
Signing Component Total					\$70,218.82

SIGNALIZATIONS COMPONENT**Signalization 1**

Description	Value
Type	6 Lane Mast Arm
Multiplier	1
Description	Signal for SB US 17/92 at Power Line Road (4 lanes + 2 left turn lanes)

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F&I, OPEN TRENCH	700.00	LF	\$23.35	\$16,345.00
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	300.00	LF	\$40.59	\$12,177.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	\$11,826.91	\$11,826.91
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00	EA	\$1,702.57	\$37,456.54
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	\$6,030.57	\$6,030.57

639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	\$10.81	\$648.60
641-2-11	PREST CNC POLE, F&I, TYP P-II, PEDESTAL	1.00 EA	\$2,525.07	\$2,525.07
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	6.00 EA	\$110,431.43	\$662,588.58
650-1-14	VEH TRAF SIGNAL, F&I ALUMINUM, 3 S 1 W	20.00 AS	\$1,884.91	\$37,698.20
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	\$1,110.23	\$8,881.84
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20.00 EA	\$649.33	\$12,986.60
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	20.00 AS	\$2,002.12	\$40,042.40
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	\$445.78	\$3,566.24
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	\$52,612.86	\$52,612.86
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	\$303.79	\$1,215.16
Signalizations Component Total				\$906,601.57

LIGHTING COMPONENT**Conventional Lighting Subcomponent**

Description				Value
Spacing				MIN
Pay Items				
Pay item	Description	Quantity	Unit Price	Extended Amount
630-2-11	CONDUIT, F&I, OPEN TRENCH	3,860.21 LF	\$23.35	\$90,135.90
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	766.19 LF	\$40.59	\$31,099.65
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	26.00 EA	\$1,702.57	\$44,266.82
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	14,098.53 LF	\$4.75	\$66,968.02
715-61-342	LIGHT POLE CMPLT, STD, F&I, 40'MH, 12' ARM L	26.00 EA	\$10,618.85	\$276,090.10
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	26.00 EA	\$930.31	\$24,188.06
Subcomponent Total				\$532,748.55
Lighting Component Total				\$532,748.55

Sequence 2 Total	\$10,332,479.68
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Sequence: 3 NDU - New Construction, Divided, Urban**Net Length:** 0.731 MI
3,860 LF**Description:** US 17/92 - 7-lane Typical (3 NB lanes only)**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 78.50
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.731
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	0.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	0.00 % / 2.00 %
Roadway Cross Slope L/R	0.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	6.96	AC	\$73,595.46	\$512,224.40
120-6	EMBANKMENT	45,336.94	CY	\$45.00	\$2,040,162.30
Earthwork Component Total					\$2,552,386.70

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	3
Roadway Pavement Width L/R	0.00 / 33.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	16,367.28	SY	\$22.88	\$374,483.37
285-709	OPTIONAL BASE,BASE GROUP 09	14,154.10	SY	\$57.53	\$814,285.37
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	2,335.43	TN	\$192.88	\$450,457.74
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	1,167.71	TN	\$208.32	\$243,257.35

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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706-1-3	RAISED PAVMT MARK, TYPE B	197.00 EA	\$4.90	\$965.30
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	5.85 GM	\$1,552.05	\$9,079.49
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	1.46 GM	\$630.05	\$919.87
Roadway Component Total				\$1,893,448.49

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	0.00 / 18.75
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 4.50
Sidewalk Width L/R	0.00 / 12.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	3,860.21	LF	\$57.31	\$221,228.64
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	5,146.94	SY	\$85.60	\$440,578.06
570-1-1	PERFORMANCE TURF	1,930.10	SY	\$4.74	\$9,148.67

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	7,720.42	LF	\$3.38	\$26,095.02
104-11	FLOATING TURBIDITY BARRIER	182.78	LF	\$17.64	\$3,224.24
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	182.78	LF	\$9.79	\$1,789.42
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	38.00	EA	\$191.69	\$7,284.22
107-1	LITTER REMOVAL	18.61	AC	\$58.61	\$1,090.73
107-2	MOWING	18.61	AC	\$88.25	\$1,642.33
Shoulder Component Total					\$716,102.47

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	11.00
Performance Turf Width	8.75

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	3,752.98	SY	\$4.74	\$17,789.13

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	3,860.00	LF	\$55.42	\$213,921.20

Comment: One side of median. Other side in sequence 2

Median Component Total

\$231,710.33

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	27.00	EA	\$9,895.88	\$267,188.76
425-1-451	INLETS, CURB, TYPE J-5, <10'	8.00	EA	\$14,616.72	\$116,933.76
425-1-521	INLETS, DT BOT, TYPE C, <10'	4.00	EA	\$7,787.64	\$31,150.56
425-2-41	MANHOLES, P-7, <10'	4.00	EA	\$8,770.84	\$35,083.36
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	1,936.00	LF	\$226.68	\$438,852.48
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	176.00	LF	\$345.31	\$60,774.56
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	3,656.00	LF	\$468.82	\$1,714,005.92
570-1-1	PERFORMANCE TURF	222.25	SY	\$4.74	\$1,053.47
Drainage Component Total					\$2,665,042.87

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	18.00	EA	\$565.92	\$10,186.56
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	2.00	EA	\$1,973.48	\$3,946.96
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	2.00	EA	\$10,274.73	\$20,549.46
700-2-116	MULTI- COLUMN SIGN, F&I GM, 100.1-200 SF	2.00	EA	\$17,767.92	\$35,535.84
Signing Component Total					\$70,218.82

SIGNALIZATIONS COMPONENT**Signalization 1****Description**

Type

Multiplier

Description

Value

4 Lane Mast Arm

1

Signal for NB US 17/92 at
Power Line Road (3 lanes + Left
turn lane)**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00	LF	\$23.35	\$17,512.50
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	\$40.59	\$10,147.50
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	\$11,826.91	\$11,826.91
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	\$1,702.57	\$27,241.12
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	\$6,030.57	\$6,030.57
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	\$10.81	\$648.60

649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	4.00 EA	\$89,407.44	\$357,629.76
650-1-14	VEH TRAF SIGNAL, F&I ALUMINUM, 3 S 1 W	12.00 AS	\$1,884.91	\$22,618.92
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	\$1,110.23	\$8,881.84
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00 EA	\$649.33	\$7,791.96
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00 AS	\$2,002.12	\$24,025.44
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	\$445.78	\$3,566.24
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	\$52,612.86	\$52,612.86
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	\$303.79	\$1,215.16
Signalizations Component Total				\$551,749.38

LIGHTING COMPONENT**Conventional Lighting Subcomponent**

Description				Value
Spacing				MIN
Pay Items				
Pay item	Description	Quantity	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	3,860.21 LF	\$23.35	\$90,135.90
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	766.19 LF	\$40.59	\$31,099.65
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	26.00 EA	\$1,702.57	\$44,266.82
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	14,098.53 LF	\$4.75	\$66,968.02
715-61-342	LIGHT POLE CMPLT, STD, F&I, 40'MH, 12'ARM L	26.00 EA	\$10,618.85	\$276,090.10
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	26.00 EA	\$930.31	\$24,188.06
Subcomponent Total				\$532,748.55
Lighting Component Total				\$532,748.55
Sequence 3 Total				\$9,213,407.61

Sequence: 4 NDU - New Construction, Divided, Urban**Net Length:** 2.061 MI
10,883 LF**Description:** US 17/92 - 4-lane Typical (SB & NB) includes Bulkhead, Guardrail, & Signals; 22 ft median**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	62.00 / 62.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	2.061
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	30.98	AC	\$73,595.46	\$2,279,987.35
120-6	EMBANKMENT	203,212.77	CY	\$45.00	\$9,144,574.65

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-6	EMBANKMENT	25,968.00	CY	\$45.00	\$1,168,560.00
	Comment: South Approach - 36* $((19.5+2)-5)=594\text{sf} \times 731\text{lf}=434,214\text{cf}/27=16,082\text{ CY North}$ Approach - 36* $((25.5+2)-5)=792\text{sf} \times 337=266,904\text{cf}/27=9,886\text{ CY Add'l for overpass}$				

Earthwork Component Total	\$12,593,122.00
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ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	22.00 / 22.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	65,685.77	SY	\$22.88	\$1,502,890.42
285-709	OPTIONAL BASE,BASE GROUP 09	53,206.44	SY	\$57.53	\$3,060,966.49
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	8,779.06	TN	\$192.88	\$1,693,305.09
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	4,389.53	TN	\$208.32	\$914,426.89

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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339-1	MISCELLANEOUS ASPHALT PAVEMENT	5.00 TN	\$441.84	\$2,209.20
	Comment: Misc. Asph TN = (((guardrail length ft + 65 ft for anchors) * 4.5 width)/27)*100 lbs/sy-in)/2000 = 5 TN			
455-133-3	SHEET PILING STEEL, F&I PERMANENT	11,880.00 SF	\$65.44	\$777,427.20
	Comment: Assumes an exposed average height of 8 ft +buried 2 times exposed height = 24 ft average height perLF 495 LF* 24LF = 11,880 SF			
515-1-2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	495.00 LF	\$88.65	\$43,881.75
	Comment: 1 Bulkhead locations = 495 LF			
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	4,008.00 SY	\$85.60	\$343,084.80
	Comment: Shared Use Path = 10822 LF * 12 FT =108,220 SF/27 = 4008 SY			
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	495.00 LF	\$28.26	\$13,988.70
	Comment: 6 Bulkhead locations = (495 LF + 2250LF (loc2 & 3) + 664LF + 492LF + 374LF) = 4275 LF			
536-85-20	GUARDRAIL END TREAT-TRAILING ANCHORAGE	1.00 EA	\$1,762.06	\$1,762.06
	Comment: 1 Guardrail location for Bulkhead			
536-85-24	GUARDRAIL END TREATMENT-PARA APP TERM	1.00 EA	\$3,589.10	\$3,589.10
	Comment: 1 Guardrail location for Bulkhead			

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	835.00 EA	\$4.90	\$4,091.50
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	16.49 GM	\$1,552.05	\$25,593.30
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	8.24 GM	\$630.05	\$5,191.61

Roadway Component Total

\$8,392,408.11

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	6.75 / 6.75
Total Outside Shoulder Perf. Turf Width L/R	4.50 / 4.50
Sidewalk Width L/R	0.00 / 0.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	10,883.14 LF	\$57.31	\$623,712.75

520-1-10	CONCRETE CURB & GUTTER, TYPE F	10,883.14 LF	\$57.31	\$623,712.75
570-1-1	PERFORMANCE TURF	10,883.14 SY	\$4.74	\$51,586.08

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	21,766.27 LF	\$3.38	\$73,569.99
104-11	FLOATING TURBIDITY BARRIER	515.30 LF	\$17.64	\$9,089.89
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	515.30 LF	\$9.79	\$5,044.79
104-15	SOIL TRACKING PREVENTION DEVICE	3.00 EA	\$4,021.14	\$12,063.42
104-18	INLET PROTECTION SYSTEM	106.00 EA	\$191.69	\$20,319.14
107-1	LITTER REMOVAL	52.46 AC	\$58.61	\$3,074.68
107-2	MOWING	52.46 AC	\$88.25	\$4,629.60

Shoulder Component Total

\$1,426,803.09

MEDIAN COMPONENT**User Input Data****Description**

Total Median Width

Value

22.00

Performance Turf Width

17.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	21,766.27 LF	\$55.42	\$1,206,286.68
570-1-1	PERFORMANCE TURF	20,557.03 SY	\$4.74	\$97,440.32

Median Component Total

\$1,303,727.00

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	75.00 EA	\$9,895.88	\$742,191.00
425-1-451	INLETS, CURB, TYPE J-5, <10'	21.00 EA	\$14,616.72	\$306,951.12
425-1-521	INLETS, DT BOT, TYPE C, <10'	11.00 EA	\$7,787.64	\$85,664.04
425-2-41	MANHOLES, P-7, <10'	11.00 EA	\$8,770.84	\$96,479.24
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	5,456.00 LF	\$226.68	\$1,236,766.08
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	488.00 LF	\$345.31	\$168,511.28
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	10,312.00 LF	\$468.82	\$4,834,471.84
570-1-1	PERFORMANCE TURF	626.60 SY	\$4.74	\$2,970.08

Drainage Component Total

\$7,474,004.68

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
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700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	50.00 EA	\$565.92	\$28,296.00
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	5.00 EA	\$1,973.48	\$9,867.40
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	5.00 EA	\$10,274.73	\$51,373.65
700-2-116	MULTI- COLUMN SIGN, F&I GM, 100.1-200 SF	5.00 EA	\$17,767.92	\$88,839.60
Signing Component Total				\$178,376.65

SIGNALIZATIONS COMPONENT**Signalization 2****Description****Value**

Type

4 Lane Mast Arm

Multiplier

6

Description

Signals for SB & NB US 17/92 at intersections of Lem Carnes, Ernie Caldwell, & CCP Intermediate Ramps (2 lanes +Left turn lane)

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	4,500.00	LF	\$23.35	\$105,075.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1,500.00	LF	\$40.59	\$60,885.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	6.00	PI	\$11,826.91	\$70,961.46
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	96.00	EA	\$1,702.57	\$163,446.72
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	6.00	AS	\$6,030.57	\$36,183.42
639-2-1	ELECTRICAL SERVICE WIRE, F&I	360.00	LF	\$10.81	\$3,891.60
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	18.00	EA	\$89,407.44	\$1,609,333.92
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	72.00	AS	\$1,884.91	\$135,713.52
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	48.00	AS	\$1,110.23	\$53,291.04
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	72.00	EA	\$649.33	\$46,751.76
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	72.00	AS	\$2,002.12	\$144,152.64
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	48.00	EA	\$445.78	\$21,397.44
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	6.00	AS	\$52,612.86	\$315,677.16
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	24.00	EA	\$303.79	\$7,290.96
Signalizations Component Total					\$2,774,051.64

LIGHTING COMPONENT**Conventional Lighting Subcomponent****Description**

Spacing

Value

MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F&I, OPEN TRENCH	10,883.14	LF	\$23.35	\$254,121.32
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	2,160.14	LF	\$40.59	\$87,680.08
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	73.00	EA	\$1,702.57	\$124,287.61
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	39,748.18	LF	\$4.75	\$188,803.86
715-61-342	LIGHT POLE CMPLT,STD,F&I, 40'MH,12'ARM L	73.00	EA	\$10,618.85	\$775,176.05
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	73.00	EA	\$930.31	\$67,912.63
Subcomponent Total					\$1,497,981.55
Lighting Component Total					\$1,497,981.55

BRIDGES COMPONENT**Bridge 5A-FIB**

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	404.00
Width (LF)	41.67
Type	Overpass Bridge
Cost Factor	1.03
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$206.00
Final Cost per SF	\$206.00
Basic Bridge Cost	\$3,467,944.08
Description	US 17/92 SB LANES OVER CPP MAINLINE AND WETLAND. INCLUDES 3% OVER WATER CONTINGENCY (1 OF 2 BRIDGE SEGMENTS); APPROACH SLAB CALCULATED IN BRIDGE 5B-SIG
Bridge 5A-FIB Total	\$3,467,944.08

Bridge 5B-SIG

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	597.00
Width (LF)	44.67
Type	Overpass Bridge
Cost Factor	1.70
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$340.00
Final Cost per SF	\$344.63
Basic Bridge Cost	\$9,067,116.60
Description	US 17/92 SB LANES OVER CPP MAINLINE AND WETLAND. INCLUDES 3% OVER WATER CONTINGENCY (2 OF 2 BRIDGE SEGMENTS) STEEL I-GIRDER

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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400-2-10	CONC CLASS II, APPROACH SLABS	99.27 CY	\$974.35	\$96,723.72
415-1-9	REINF STEEL- APPROACH SLABS	17,372.25 LB	\$1.54	\$26,753.26
Bridge 5B-SIG Total				\$9,190,593.59
Bridges Component Total				\$12,658,537.67

RETAINING WALLS COMPONENT

Retaining Wall 1

Description	Value
Length	731.00
Begin height	5.00
End Height	34.00
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	28,509.00	SF	\$64.09	\$1,827,141.81

Retaining Wall 2

Description	Value
Length	45.00
Begin height	34.00
End Height	34.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,530.00	SF	\$64.09	\$98,057.70

Retaining Wall 3

Description	Value
Length	337.00
Begin height	5.00
End Height	45.50
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	17,018.50	SF	\$64.09	\$1,090,715.66

Retaining Wall 4

Description	Value
Length	45.00
Begin height	45.50
End Height	45.50
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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548-12	RET WALL SYSTEM, PERM, EX BARRIER	2,047.50 SF	\$64.09	\$131,224.28
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Retaining Walls Component Total

\$3,147,139.46

MISCELLANEOUS COMPONENT**X-Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-4-8	CONC CLASS IV, BULKHEAD Comment: 1 Bulkhead location = 495 LF*0.333 CY/LF=165 CY	165.00 CY	\$1,807.51	\$298,239.15
415-1-8	REINF STEEL- BULKHEAD Comment: 1 Bulkhead location = 495 LF*35 LBS/LF=17,325 LBS LBS	17,325.00 LB	\$2.13	\$36,902.25

EX-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
0509-70-0	MASS TRANSIT- GRADE CROSSING ASSEMBLY, REMOVE EXISTING	2.00 EA	\$30,000.00	\$60,000.00
0509-70-10	MASS TRANSIT- GRADE CROSSING ASSEMBLY, FURNISH AND INSTALL, ADVANCE WARNING	2.00 EA	\$20,000.00	\$40,000.00
0509-70-3	MASS TRANSIT- GRADE CROSSING ASSEMBLY, FURNISH AND INSTALL, TYPE III	3.00 EA	\$100,000.00	\$300,000.00
Miscellaneous Component Total				\$735,141.40

Sequence 4 Total

\$52,181,293.25

Sequence: 5 NUR - New Construction, Undivided, Rural**Net Length:** 1.378 MI
7,274 LF**Description:** US 17/92 - 11 ft Auxiliary Lanes (Left and Right Turn lanes)**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	11.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	1.378
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 0.00 %
Roadway Cross Slope L/R	2.00 % / 0.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.84	AC	\$73,595.46	\$135,415.65
120-6	EMBANKMENT	11,115.87	CY	\$45.00	\$500,214.15
Earthwork Component Total					\$635,629.80

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	11.00 / 0.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	8,890.76	SY	\$22.88	\$203,420.59
285-709	OPTIONAL BASE,BASE GROUP 09	9,157.48	SY	\$57.53	\$526,829.82
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,466.97	TN	\$192.88	\$282,949.17
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	733.49	TN	\$208.32	\$152,800.64

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	5.51 GM	\$1,552.05	\$8,551.80
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Roadway Component Total

\$1,174,552.02

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Paved Outside Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	18,913.07	LF	\$3.38	\$63,926.18
104-11	FLOATING TURBIDITY BARRIER	344.42	LF	\$17.64	\$6,075.57
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	344.42	LF	\$9.79	\$3,371.87
104-15	SOIL TRACKING PREVENTION DEVICE	2.00	EA	\$4,021.14	\$8,042.28
107-1	LITTER REMOVAL	16.70	AC	\$58.61	\$978.79
107-2	MOWING	16.70	AC	\$88.25	\$1,473.78
Shoulder Component Total					\$83,868.47

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	1,104.00	LF	\$224.76	\$248,135.04
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	232.00	LF	\$345.31	\$80,111.92
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	56.00	EA	\$3,791.10	\$212,301.60
570-1-1	PERFORMANCE TURF	969.90	SY	\$4.74	\$4,597.33
Drainage Component Total					\$545,145.89

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	3.00	EA	\$565.92	\$1,697.76
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	28.00	EA	\$1,973.48	\$55,257.44
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	3.00	EA	\$7,710.27	\$23,130.81
Signing Component Total					\$80,086.01

Sequence 5 Total	\$2,519,282.19
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DRAFT

Sequence: 8 MIS - Miscellaneous Construction**Net Length:** 0.000 MI
0 LF**Description:** Tolling Sites (1 Mainline, 1 Joint Toll Site for 2 Ramps)

MISCELLANEOUS COMPONENT**EX-Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
0735-4-3	TOLL PLAZA, LOCATION 1 Comment: Mainline Toll Site (South End)	1.00	LS	\$3,362,202.67	\$3,362,202.67
0735-74-1	TOLL PLAZA, LOCATION 2 Comment: Joint Entrance and Exit Ramp Toll Site	1.00	LS	\$3,242,824.30	\$3,242,824.30
Miscellaneous Component Total					\$6,605,026.97

Sequence 8 Total	\$6,605,026.97
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DRAFT

Sequence: 9 NDR - New Construction, Divided, Rural**Net Length:** 0.214 MI
1,130 LF**Description:** Central Polk Parkway - 4-Lane At-grade (South Tie-in)**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	68.00 / 68.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.214
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	3.53	AC	\$73,595.46	\$259,791.97
120-6	EMBANKMENT	23,647.97	CY	\$45.00	\$1,064,158.65
Earthwork Component Total					\$1,323,950.62

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	550
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	12,805.76	SY	\$22.88	\$292,995.79
285-712	OPTIONAL BASE,BASE GROUP 12	6,191.96	SY	\$67.63	\$418,762.25
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	1,657.22	TN	\$183.73	\$304,481.03
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	241.05	TN	\$260.92	\$62,894.77

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
339-1	MISCELLANEOUS ASPHALT PAVEMENT	19.00	TN	\$441.84	\$8,394.96
Comment: Misc. Asph TN = (((guardrail length ft * 9 width)/27)*100 lbs/sy-in))/2000 ((1130*7)/27)*100)/2000 = 19 TN					
521-72-40	SHLDR CONC BARRIER,38" OR 44" HEIGHT	2,105.00	LF	\$396.73	\$835,116.65
536-1-3	GUARDRAIL- ROADWAY, DOUBLE FACE	1,130.00	LF	\$39.09	\$44,171.70

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	87.00	EA	\$4.90	\$426.30
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.71	GM	\$1,552.05	\$2,654.01
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.86	GM	\$630.05	\$541.84

Roadway Component Total

\$1,970,439.30

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	19.00 / 19.00
Total Outside Shoulder Perf. Turf Width L/R	7.00 / 7.00
Paved Outside Shoulder Width L/R	12.00 / 12.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips i/c 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	3,095.98	SY	\$44.09	\$136,501.76
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	248.58	TN	\$183.73	\$45,671.60
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	120.52	TN	\$260.92	\$31,446.08
570-1-1	PERFORMANCE TURF	1,757.65	SY	\$4.74	\$8,331.26

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,937.79	LF	\$3.38	\$9,929.73
104-11	FLOATING TURBIDITY BARRIER	53.50	LF	\$17.64	\$943.74
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	53.50	LF	\$9.79	\$523.76
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	2.00	EA	\$191.69	\$383.38
107-1	LITTER REMOVAL	5.19	AC	\$58.61	\$304.19
107-2	MOWING	5.19	AC	\$88.25	\$458.02

Shoulder Component Total

\$238,514.67

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	50.00
Performance Turf Width	27.00
Total Median Shoulder Width L/R	8.00 / 8.00
Paved Median Shoulder Width L/R	4.00 / 4.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,087.23	SY	\$44.09	\$47,935.97
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	82.86	TN	\$183.73	\$15,223.87
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	40.17	TN	\$260.92	\$10,481.16
570-1-1	PERFORMANCE TURF	3,389.76	SY	\$4.74	\$16,067.46
Median Component Total					\$89,708.46

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-551	INLETS, DT BOT, TYPE E, <10'	2.00	EA	\$9,113.24	\$18,226.48
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	176.00	LF	\$224.76	\$39,557.76
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	80.00	LF	\$226.68	\$18,134.40
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	64.00	LF	\$345.31	\$22,099.84
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	9.00	EA	\$3,791.10	\$34,119.90
524-1-1	CONCRETE DITCH PAVT, NR, 3"	428.00	SY	\$112.25	\$48,043.00
570-1-1	PERFORMANCE TURF	150.66	SY	\$4.74	\$714.13
Drainage Component Total					\$180,895.51

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	1.00	EA	\$565.92	\$565.92
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	6.00	EA	\$1,973.48	\$11,840.88
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	1.00	EA	\$7,710.27	\$7,710.27
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	2.00	EA	\$10,274.73	\$20,549.46
Signing Component Total					\$40,666.53

Sequence 9 Total

\$3,844,175.09

DRAFT

Sequence: 10 NDR - New Construction, Divided, Rural**Net Length:** 0.695 MI
3,668 LF**Description:** Central Polk Parkway - 4-lane with Walls and Bridges; 176 ft Clearing and Grubbing**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	68.00 / 68.00
Incidental Clearing and Grubbing Area	0.00

Alignment Number	1
Distance	0.311
Top of Structural Course For Begin Section	107.00
Top of Structural Course For End Section	126.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Alignment Number	2
Distance	0.101
Top of Structural Course For Begin Section	129.00
Top of Structural Course For End Section	130.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Alignment Number	3
Distance	0.283
Top of Structural Course For Begin Section	131.50
Top of Structural Course For End Section	107.50
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	11.46	AC	\$73,595.46	\$843,403.97
120-6	EMBANKMENT	337,549.87	CY	\$45.00	\$15,189,744.15

Earthwork Component Total	\$16,033,148.12
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ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	4

Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	550
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	41,570.85 SY	\$22.88	\$951,141.05
285-712	OPTIONAL BASE,BASE GROUP 12	20,100.73 SY	\$67.63	\$1,359,412.37
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	5,379.76 TN	\$183.73	\$988,423.30
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	782.51 TN	\$260.92	\$204,172.51

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
339-1	MISCELLANEOUS ASPHALT PAVEMENT Comment: Misc. Asph TN = (((guardrail length ft * 9 width)/27)*100 lbs/sy-in))/2000 (3136*9)/27)*100)/2000 = 53 TN	53.00 TN	\$441.84	\$23,417.52
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	502.00 LF	\$28.26	\$14,186.52
536-1-3	GUARDRAIL- ROADWAY, DOUBLE FACE	3,136.00 LF	\$39.09	\$122,586.24
536-85-24	GUARDRAIL END TREATMENT-PARA APP TERM	3.00 EA	\$3,589.10	\$10,767.30
536-85-26	GUARDRAIL END TREATMENT-TYPE CRT	2.00 EA	\$3,729.26	\$7,458.52

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	281.00 EA	\$4.90	\$1,376.90
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	5.56 GM	\$1,552.05	\$8,629.40
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	2.78 GM	\$630.05	\$1,751.54

Roadway Component Total

\$3,693,323.17

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	19.00 / 19.00
Total Outside Shoulder Perf. Turf Width L/R	7.00 / 7.00
Paved Outside Shoulder Width L/R	12.00 / 12.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T

Rumble Strips 1/2 No. of Sides

0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	10,050.36	SY	\$44.09	\$443,120.37
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	806.96	TN	\$183.73	\$148,262.76
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	391.26	TN	\$260.92	\$102,087.56
570-1-1	PERFORMANCE TURF	5,705.80	SY	\$4.74	\$27,045.49

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	9,536.84	LF	\$3.38	\$32,234.52
104-11	FLOATING TURBIDITY BARRIER	173.68	LF	\$17.64	\$3,063.72
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	173.68	LF	\$9.79	\$1,700.33
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	5.00	EA	\$191.69	\$958.45
107-1	LITTER REMOVAL	16.84	AC	\$58.61	\$986.99
107-2	MOWING	16.84	AC	\$88.25	\$1,486.13
Shoulder Component Total					\$764,967.46

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	50.00
Performance Turf Width	27.00
Total Median Shoulder Width L/R	8.00 / 8.00
Paved Median Shoulder Width L/R	4.00 / 4.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	3,529.45	SY	\$44.09	\$155,613.45
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	268.99	TN	\$183.73	\$49,421.53
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	130.42	TN	\$260.92	\$34,029.19
570-1-1	PERFORMANCE TURF	11,004.05	SY	\$4.74	\$52,159.20
Median Component Total					\$291,223.37

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-551	INLETS, DT BOT, TYPE E, <10'	5.00	EA	\$9,113.24	\$45,566.20

430-174-124	PIPE CULV, OPT MATL, ROUND, 24"SD	560.00 LF	\$224.76	\$125,865.60
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	240.00 LF	\$226.68	\$54,403.20
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	208.00 LF	\$345.31	\$71,824.48
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	28.00 EA	\$3,791.10	\$106,150.80
524-1-1	CONCRETE DITCH PAVT, NR, 3"	1,389.40 SY	\$112.25	\$155,960.15
570-1-1	PERFORMANCE TURF	489.07 SY	\$4.74	\$2,318.19
Drainage Component Total				\$562,088.62

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	2.00	EA	\$565.92	\$1,131.84
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	17.00	EA	\$1,973.48	\$33,549.16
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	2.00	EA	\$7,710.27	\$15,420.54
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	5.00	EA	\$10,274.73	\$51,373.65
Signing Component Total					\$101,475.19

BRIDGES COMPONENT**Bridge 1**

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	145.00
Width (LF)	46.67
Type	Overpass Bridge
Cost Factor	1.20
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$240.00
Final Cost per SF	\$259.06
Basic Bridge Cost	\$1,624,116.00
Description	SB OVER LEM CARNES; INCLUDES 20% OVER TRAFFIC CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	103.71	CY	\$974.35	\$101,049.84
415-1-9	REINF STEEL- APPROACH SLABS	18,149.25	LB	\$1.54	\$27,949.84
Bridge 1 Total					\$1,753,115.69

Bridge 2

Description	Value
Estimate Type	SF Estimate

Primary Estimate	YES
Length (LF)	145.00
Width (LF)	46.67
Type	Overpass Bridge
Cost Factor	1.20
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$240.00
Final Cost per SF	\$259.06
Basic Bridge Cost	\$1,624,116.00
Description	NB OVER LEM CARNES; INCLUDES 20% OVER TRAFFIC CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	103.71	CY	\$974.35	\$101,049.84
415-1-9	REINF STEEL- APPROACH SLABS	18,149.25	LB	\$1.54	\$27,949.84
Bridge 2 Total					\$1,753,115.69

Bridge 3

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	69.00
Width (LF)	44.67
Type	Overpass Bridge
Cost Factor	1.20
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$240.00
Final Cost per SF	\$280.06
Basic Bridge Cost	\$739,735.20
Description	SB OVER SOUTH RR; INCLUDES 20% OVER TRAFFIC CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	99.27	CY	\$974.35	\$96,723.72
415-1-9	REINF STEEL- APPROACH SLABS	17,372.25	LB	\$1.54	\$26,753.26
Bridge 3 Total					\$863,212.19

Bridge 4

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	69.00
Width (LF)	44.67
Type	Overpass Bridge
Cost Factor	1.20
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00

Factored Cost per SF	\$240.00
Final Cost per SF	\$280.06
Basic Bridge Cost	\$739,735.20

Description NB OVER SOUTH RR; INCLUDES 20% OVER TRAFFIC CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	99.27	CY	\$974.35	\$96,723.72
415-1-9	REINF STEEL- APPROACH SLABS	17,372.25	LB	\$1.54	\$26,753.26
Bridge 4 Total					\$863,212.19

Bridge 6

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	759.63
Width (LF)	48.67
Type	Overpass Bridge
Cost Factor	1.03
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$206.00
Final Cost per SF	\$209.64
Basic Bridge Cost	\$7,616,065.57

Description SB OVER WETLAND; INCLUDES 3% OVER WATER CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	108.16	CY	\$974.35	\$105,385.70
415-1-9	REINF STEEL- APPROACH SLABS	18,928.00	LB	\$1.54	\$29,149.12
Bridge 6 Total					\$7,750,600.39

Bridge 7

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	725.35
Width (LF)	54.67
Type	Overpass Bridge
Cost Factor	1.03
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$206.00
Final Cost per SF	\$209.81
Basic Bridge Cost	\$8,168,906.21

Description NB OVER WETLAND; INCLUDES 3% WATER CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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400-2-10	CONC CLASS II, APPROACH SLABS	121.49 CY	\$974.35	\$118,373.78
415-1-9	REINF STEEL- APPROACH SLABS	21,260.75 LB	\$1.54	\$32,741.56
Bridge 7 Total				\$8,320,021.55
Bridges Component Total				\$21,303,277.70

RETAINING WALLS COMPONENT

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
521-8-7	CONC BARRIER, W/JUNCT SL, 36 SS	7,436.00 LF	\$472.11	\$3,510,609.96
Comment: Length of Wall segments * 2 sides 3718*2=7436				

Retaining Wall 1

Description	Value
Length	1,640.00
Begin height	9.00
End Height	28.00
Multiplier	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	60,680.00 SF	\$64.09	\$3,888,981.20

Retaining Wall 2

Description	Value
Length	126.50
Begin height	28.00
End Height	28.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	3,542.00 SF	\$64.09	\$227,006.78

Retaining Wall 3

Description	Value
Length	533.00
Begin height	31.00
End Height	32.00
Multiplier	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	33,579.00 SF	\$64.09	\$2,152,078.11

Retaining Wall 4

Description	Value
Length	131.25
Begin height	33.50

End Height 33.50
Multiplier 2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	8,793.76 SF	\$64.09	\$563,592.08

Retaining Wall 5

Description	Value
Length	1,495.00
Begin height	33.50
End Height	9.50
Multiplier	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	64,285.00 SF	\$64.09	\$4,120,025.65

Retaining Wall 6

Description	Value
Length	126.50
Begin height	31.00
End Height	31.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	3,921.50 SF	\$64.09	\$251,328.94

Retaining Wall 7

Description	Value
Length	145.00
Begin height	9.50
End Height	9.50
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,377.50 SF	\$64.09	\$88,283.98

Retaining Wall 8

Description	Value
Length	141.00
Begin height	12.00
End Height	9.50
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,515.75 SF	\$64.09	\$97,144.42

Retaining Walls Component Total

\$14,899,051.14

Sequence 10 Total	\$57,648,554.77
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DRAFT

Sequence: 12 NDR - New Construction, Divided, Rural**Net Length:**0.965 MI
5,093 LF**Description:** Central Polk Parkway - 2-Lane SB Ramp with MSE Walls on both sides; Bridge**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	101.50 / 101.50
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.146
Top of Structural Course For Begin Section	109.00
Top of Structural Course For End Section	129.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	0 to 1 / 0 to 1
Median Shoulder Cross Slope L/R	5.00 % / 0.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 0.00 %
Roadway Cross Slope L/R	2.00 % / 0.00 %
Alignment Number	2
Distance	0.101
Top of Structural Course For Begin Section	138.00
Top of Structural Course For End Section	134.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	0 to 1 / 0 to 1
Median Shoulder Cross Slope L/R	5.00 % / 0.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 0.00 %
Roadway Cross Slope L/R	2.00 % / 0.00 %
Alignment Number	3
Distance	0.230
Top of Structural Course For Begin Section	134.00
Top of Structural Course For End Section	133.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	0 to 1 / 0 to 1
Median Shoulder Cross Slope L/R	5.00 % / 0.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 0.00 %
Roadway Cross Slope L/R	2.00 % / 0.00 %
Alignment Number	4
Distance	0.023
Top of Structural Course For Begin Section	133.00
Top of Structural Course For End Section	135.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	0 to 1 / 0 to 1
Median Shoulder Cross Slope L/R	5.00 % / 0.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 0.00 %
Roadway Cross Slope L/R	2.00 % / 0.00 %
Alignment Number	5
Distance	0.135

Top of Structural Course For Begin Section	139.00
Top of Structural Course For End Section	135.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	0 to 1 / 0 to 1
Median Shoulder Cross Slope L/R	5.00 % / 0.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 0.00 %
Roadway Cross Slope L/R	2.00 % / 0.00 %

Alignment Number	6
Distance	0.330
Top of Structural Course For Begin Section	134.00
Top of Structural Course For End Section	122.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	0 to 1 / 0 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	23.74	AC	\$73,595.46	\$1,747,156.22
120-6	EMBANKMENT	709,228.07	CY	\$45.00	\$31,915,263.15
Earthwork Component Total					\$33,662,419.37

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	24.00 / 0.00
Structural Spread Rate	550
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	71,303.23	SY	\$22.88	\$1,631,417.90
285-712	OPTIONAL BASE,BASE GROUP 12	13,955.06	SY	\$67.63	\$943,780.71
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	3,734.93	TN	\$183.73	\$686,218.69
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	543.26	TN	\$260.92	\$141,747.40

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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706-1-3	RAISED PAVMT MARK, TYPE B	130.00 EA	\$4.90	\$637.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	7.72 GM	\$1,552.05	\$11,981.83
Roadway Component Total				\$3,415,783.53

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	94.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	72.00 / 0.00
Paved Outside Shoulder Width L/R	10.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	5,845.73 SY	\$44.09	\$257,738.24
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	466.87 TN	\$183.73	\$85,778.03
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	226.36 TN	\$260.92	\$59,061.85
570-1-1	PERFORMANCE TURF	40,744.70 SY	\$4.74	\$193,129.88

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	13,242.03 LF	\$3.38	\$44,758.06
104-11	FLOATING TURBIDITY BARRIER	241.15 LF	\$17.64	\$4,253.89
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	241.15 LF	\$9.79	\$2,360.86
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	6.00 EA	\$191.69	\$1,150.14
107-1	LITTER REMOVAL	23.38 AC	\$58.61	\$1,370.30
107-2	MOWING	23.38 AC	\$88.25	\$2,063.29

Shoulder Component Total**\$655,685.68****MEDIAN COMPONENT****User Input Data**

Description	Value
Total Median Width	37.00
Performance Turf Width	37.00
Total Median Shoulder Width L/R	8.00 / 0.00
Paved Median Shoulder Width L/R	8.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
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285-704	OPTIONAL BASE,BASE GROUP 04	4,713.94 SY	\$44.09	\$207,837.61
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	373.49 TN	\$183.73	\$68,621.32
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	181.09 TN	\$260.92	\$47,250.00
570-1-1	PERFORMANCE TURF	20,938.25 SY	\$4.74	\$99,247.30
Median Component Total				\$422,956.24

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-551	INLETS, DT BOT, TYPE E, <10'	6.00 EA	\$9,113.24	\$54,679.44
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	776.00 LF	\$224.76	\$174,413.76
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	336.00 LF	\$226.68	\$76,164.48
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	288.00 LF	\$345.31	\$99,449.28
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	39.00 EA	\$3,791.10	\$147,852.90
524-1-1	CONCRETE DITCH PAVT, NR, 3"	1,929.20 SY	\$112.25	\$216,552.70
570-1-1	PERFORMANCE TURF	679.08 SY	\$4.74	\$3,218.84
Drainage Component Total				\$772,331.40

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	2.00 EA	\$565.92	\$1,131.84
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	24.00 EA	\$1,973.48	\$47,363.52
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	2.00 EA	\$7,710.27	\$15,420.54
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	6.00 EA	\$10,274.73	\$61,648.38
Signing Component Total				\$125,564.28

BRIDGES COMPONENT**Bridge 26**

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	248.00
Width (LF)	44.67
Type	Overpass Bridge
Cost Factor	1.92
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$384.00
Final Cost per SF	\$395.15
Basic Bridge Cost	\$4,254,013.44

Description

SB RAMP OVER OLD KISSIMMEE ROAD; INCLUDES 20%
OVER TRAFFIC CONTINGENCY**Bridge Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	99.27 CY	\$974.35	\$96,723.72
415-1-9	REINF STEEL- APPROACH SLABS	17,372.25 LB	\$1.54	\$26,753.26

Bridge 26 Total

\$4,377,490.43

Bridge 29**Description****Value**

Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	148.00
Width (LF)	44.67
Type	Overpass Bridge
Cost Factor	1.20
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$240.00
Final Cost per SF	\$258.68
Basic Bridge Cost	\$1,586,678.40

Description

SB RAMP OVER NORTHERN RR; INCLUDES 20% OVER
TRAFFIC CONTINGENCY**Bridge Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	99.27 CY	\$974.35	\$96,723.72
415-1-9	REINF STEEL- APPROACH SLABS	17,372.25 LB	\$1.54	\$26,753.26

Bridge 29 Total

\$1,710,155.39

Bridge 22A**Description****Value**

Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	508.26
Width (LF)	46.67
Type	Overpass Bridge
Cost Factor	1.62
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$324.00
Final Cost per SF	\$329.44
Basic Bridge Cost	\$7,685,440.12

Description

SB RAMP OVER US 17/92; INCLUDES 20% OVER TRAFFIC
CONTINGENCY; FIB 1 OF 2 SEGMENTS**Bridge Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	103.71 CY	\$974.35	\$101,049.84
415-1-9	REINF STEEL- APPROACH SLABS	18,149.25 LB	\$1.54	\$27,949.84

Bridge 22A Total

\$7,814,439.81

Bridge 22B**Description****Value**

Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	231.57
Width (LF)	46.67
Type	Overpass Bridge
Cost Factor	1.60
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$320.00
Final Cost per SF	\$320.00
Basic Bridge Cost	\$3,458,359.01

Description SB RAMP OVER US 17/92; I-GIRDER 2 OF 2 SEGMENTS;
APPROACH SLAB CALCULATED IN BRIDGE 22A

Bridge 22B Total

\$3,458,359.01

Bridge 24**Description****Value**

Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	98.00
Width (LF)	44.67
Type	Overpass Bridge
Cost Factor	1.20
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$240.00
Final Cost per SF	\$268.21
Basic Bridge Cost	\$1,050,638.40

Description SB RAMP OVER PARKER ROAD; INCLUDES 20% OVER
TRAFFIC CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	99.27	CY	\$974.35	\$96,723.72
415-1-9	REINF STEEL- APPROACH SLABS	17,372.25	LB	\$1.54	\$26,753.26

Bridge 24 Total

\$1,174,115.39

Bridge 27**Description****Value**

Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	265.61
Width (LF)	44.67
Type	Overpass Bridge
Cost Factor	1.60
Structure No.	
Removal of Existing Structures area	0.00

Default Cost per SF	\$200.00
Factored Cost per SF	\$320.00
Final Cost per SF	\$330.41
Basic Bridge Cost	\$3,796,735.58
Description	SB RAMP OVER GAS MAIN

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	99.27	CY	\$974.35	\$96,723.72
415-1-9	REINF STEEL- APPROACH SLABS	17,372.25	LB	\$1.54	\$26,753.26
Bridge 27 Total					\$3,920,212.57
Bridges Component Total					\$22,454,772.60

RETAINING WALLS COMPONENT**X-Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
521-8-7	CONC BARRIER, W/JUNCT SL, 36 SS	9,835.00	LF	\$472.11	\$4,643,201.85

Retaining Wall 1

Description	Value
Length	722.00
Begin height	11.00
End Height	31.00
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	30,324.00	SF	\$64.09	\$1,943,465.16

Retaining Wall 2

Description	Value
Length	47.00
Begin height	11.00
End Height	11.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	517.00	SF	\$64.09	\$33,134.53

Retaining Wall 3

Description	Value
Length	47.00
Begin height	31.00
End Height	31.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,457.00 SF	\$64.09	\$93,379.13
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Retaining Wall 4

Description	Value
Length	535.00
Begin height	40.00
End Height	36.00
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	40,660.00	SF	\$64.09	\$2,605,899.40

Retaining Wall 5

Description	Value
Length	47.00
Begin height	40.00
End Height	40.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,880.00	SF	\$64.09	\$120,489.20

Retaining Wall 6

Description	Value
Length	47.00
Begin height	36.00
End Height	36.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,692.00	SF	\$64.09	\$108,440.28

Retaining Wall 7

Description	Value
Length	1,213.00
Begin height	36.00
End Height	35.00
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	86,123.00	SF	\$64.09	\$5,519,623.07

Retaining Wall 8

Description	Value
Length	47.00
Begin height	36.00
End Height	35.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,668.50	SF	\$64.09	\$106,934.16

Retaining Wall 9

Description	Value
Length	69.00
Begin height	35.00
End Height	35.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	2,415.00	SF	\$64.09	\$154,777.35

Retaining Wall 10

Description	Value
Length	120.00
Begin height	35.00
End Height	37.00
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	8,640.00	SF	\$64.09	\$553,737.60

Retaining Wall 11

Description	Value
Length	69.00
Begin height	35.00
End Height	35.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	2,415.00	SF	\$64.09	\$154,777.35

Retaining Wall 12

Description	Value
Length	69.00
Begin height	37.00
End Height	37.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	2,553.00	SF	\$64.09	\$163,621.77

Retaining Wall 13

Description	Value
Length	710.00

Begin height	41.00
End Height	37.00
Multiplier	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	55,380.00 SF	\$64.09	\$3,549,304.20

Retaining Wall 14

Description	Value
Length	71.00
Begin height	41.00
End Height	41.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	2,911.00 SF	\$64.09	\$186,565.99

Retaining Wall 15

Description	Value
Length	46.00
Begin height	37.00
End Height	37.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,702.00 SF	\$64.09	\$109,081.18

Retaining Wall 16

Description	Value
Length	1,742.00
Begin height	36.00
End Height	24.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	52,260.00 SF	\$64.09	\$3,349,343.40

Retaining Wall 17

Description	Value
Length	1,385.00
Begin height	36.00
End Height	21.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	39,472.50 SF	\$64.09	\$2,529,792.52

Retaining Wall 18

Description	Value
Length	46.00
Begin height	36.00
End Height	36.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,656.00	SF	\$64.09	\$106,133.04

Retaining Walls Component Total					\$26,031,701.21
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Sequence 12 Total					\$87,541,214.31
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DRAFT

Sequence: 14 NDR - New Construction, Divided, Rural**Net Length:** 0.656 MI
3,466 LF**Description:** Central Polk Parkway - 2-lanes NB Ramp with Wall on both sides**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	106.00 / 106.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.238
Top of Structural Course For Begin Section	109.00
Top of Structural Course For End Section	136.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	0 to 1 / 0 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %
Alignment Number	2
Distance	0.022
Top of Structural Course For Begin Section	139.00
Top of Structural Course For End Section	137.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	0 to 1 / 0 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %
Alignment Number	3
Distance	0.242
Top of Structural Course For Begin Section	137.00
Top of Structural Course For End Section	139.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	0 to 1 / 0 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %
Alignment Number	4
Distance	0.154
Top of Structural Course For Begin Section	127.00
Top of Structural Course For End Section	122.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	0 to 1 / 0 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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110-1-1	CLEARING & GRUBBING	16.86 AC	\$73,595.46	\$1,240,819.46
120-6	EMBANKMENT	536,887.27 CY	\$45.00	\$24,159,927.15

Earthwork Component Total

\$25,400,746.61

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	0.00 / 24.00
Structural Spread Rate	550
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	48,521.09 SY	\$22.88	\$1,110,162.54
285-712	OPTIONAL BASE,BASE GROUP 12	9,496.27 SY	\$67.63	\$642,232.74
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	2,541.58 TN	\$183.73	\$466,964.49
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	369.88 TN	\$260.92	\$96,456.91

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	89.00 EA	\$4.90	\$436.10
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	5.25 GM	\$1,552.05	\$8,148.26

Roadway Component Total

\$2,324,401.04

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	0.00 / 94.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 72.00
Paved Outside Shoulder Width L/R	0.00 / 12.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	4,748.14 SY	\$44.09	\$209,345.49
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	381.24 TN	\$192.88	\$73,533.57

337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	184.84 TN	\$260.92	\$48,228.45
570-1-1	PERFORMANCE TURF	27,726.34 SY	\$4.74	\$131,422.85

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	9,011.06 LF	\$3.38	\$30,457.38
104-11	FLOATING TURBIDITY BARRIER	164.10 LF	\$17.64	\$2,894.72
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	164.10 LF	\$9.79	\$1,606.54
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	4.00 EA	\$191.69	\$766.76
107-1	LITTER REMOVAL	15.91 AC	\$58.61	\$932.49
107-2	MOWING	15.91 AC	\$88.25	\$1,404.06

Shoulder Component Total

\$504,613.45

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	76.00
Performance Turf Width	76.00
Total Median Shoulder Width L/R	0.00 / 8.00
Paved Median Shoulder Width L/R	0.00 / 8.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	3,207.78 SY	\$44.09	\$141,431.02
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	254.16 TN	\$183.73	\$46,696.82
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	123.23 TN	\$260.92	\$32,153.17
570-1-1	PERFORMANCE TURF	29,266.69 SY	\$4.74	\$138,724.11

Median Component Total

\$359,005.12

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-551	INLETS, DT BOT, TYPE E, <10'	4.00 EA	\$9,113.24	\$36,452.96
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	528.00 LF	\$224.76	\$118,673.28
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	232.00 LF	\$226.68	\$52,589.76
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	200.00 LF	\$345.31	\$69,062.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	27.00 EA	\$3,791.10	\$102,359.70
524-1-1	CONCRETE DITCH PAVT, NR, 3"	1,312.80 SY	\$112.25	\$147,361.80

570-1-1	PERFORMANCE TURF	462.11 SY	\$4.74	\$2,190.40
Drainage Component Total				\$528,689.90

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	2.00	EA	\$565.92	\$1,131.84
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	16.00	EA	\$1,973.48	\$31,575.68
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	2.00	EA	\$7,710.27	\$15,420.54
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	4.00	EA	\$10,274.73	\$41,098.92
Signing Component Total					\$89,226.98

BRIDGES COMPONENT**Bridge 28A**

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	2,049.19
Width (LF)	45.00
Type	Overpass Bridge
Cost Factor	1.98
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$396.00
Final Cost per SF	\$397.35
Basic Bridge Cost	\$36,516,565.80

Description NB OVER OLD KISSIMMEE ROAD, NORTHERN RAILROAD, AND POINCIANA CONNECTOR; INCLUDES 20% OVER TRAFFIC CONTINGENCY; I-GIRDER 1 OF 2 SEGMENTS

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	100.00	CY	\$974.35	\$97,435.00
415-1-9	REINF STEEL- APPROACH SLABS	17,500.00	LB	\$1.54	\$26,950.00

Bridge 28A Total **\$36,640,950.80**

Bridge 28B

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	577.00
Width (LF)	45.00
Type	Overpass Bridge
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00

Factored Cost per SF	\$200.00
Final Cost per SF	\$200.00
Basic Bridge Cost	\$5,193,000.00

Description NB OVER OLD KISSIMMEE ROAD, NORTHERN RAILROAD,
AND POINCIANA CONNECTOR; FIB 2 OF 2 SEGMENTS;
APPROACH SLAB CALCULATED IN BRIDGE 28A

Bridge 28B Total \$5,193,000.00

Bridge 23A

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	453.58
Width (LF)	46.67
Type	Overpass Bridge
Cost Factor	1.20
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$240.00
Final Cost per SF	\$246.09
Basic Bridge Cost	\$5,080,458.86

Description NB RAMP OVER US 17/92; INCLUDES 20% OVER TRAFFIC
CONTINGENCY; FIB 1 OF 2 SEGMENTS

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	103.71	CY	\$974.35	\$101,049.84
415-1-9	REINF STEEL- APPROACH SLABS	18,149.25	LB	\$1.54	\$27,949.84

Bridge 23A Total \$5,209,458.55

Bridge 23B

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	203.85
Width (LF)	46.67
Type	Overpass Bridge
Cost Factor	1.60
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$320.00
Final Cost per SF	\$320.00
Basic Bridge Cost	\$3,044,377.44

Description NB RAMP OVER US 17/92; I-GIRDER 2 OF 2 SEGMENTS;
APPROACH SLAB CALCULATED IN BRIDGE 23A

Bridge 23B Total \$3,044,377.44

Bridge 25

Description	Value
Estimate Type	SF Estimate

Primary Estimate	YES
Length (LF)	101.79
Width (LF)	46.67
Type	Overpass Bridge
Cost Factor	1.20
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$240.00
Final Cost per SF	\$267.15
Basic Bridge Cost	\$1,140,129.43
Description	NB RAMP OVER PARKER ROAD; INCLUDES 20% OVER TRAFFIC CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	103.71	CY	\$974.35	\$101,049.84
415-1-9	REINF STEEL- APPROACH SLABS	18,149.25	LB	\$1.54	\$27,949.84
Bridge 25 Total					\$1,269,129.12
Bridges Component Total					\$51,356,915.91

RETAINING WALLS COMPONENT**X-Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
521-8-7	CONC BARRIER, W/JUNCT SL, 36 SS	6,516.00	LF	\$472.11	\$3,076,268.76

Retaining Wall 1

Description	Value
Length	1,255.00
Begin height	11.00
End Height	38.00
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	61,495.00	SF	\$64.09	\$3,941,214.55

Retaining Wall 2

Description	Value
Length	47.00
Begin height	9.00
End Height	9.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	423.00	SF	\$64.09	\$27,110.07

Retaining Wall 3

Description	Value
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Length	47.00
Begin height	38.00
End Height	38.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,786.00 SF	\$64.09	\$114,464.74

Retaining Wall 4

Description	Value
Length	118.00
Begin height	41.00
End Height	39.00
Multiplier	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	9,440.00 SF	\$64.09	\$605,009.60

Retaining Wall 5

Description	Value
Length	47.00
Begin height	41.00
End Height	41.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,927.00 SF	\$64.09	\$123,501.43

Retaining Wall 6

Description	Value
Length	52.00
Begin height	39.00
End Height	39.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	2,028.00 SF	\$64.09	\$129,974.52

Retaining Wall 7

Description	Value
Length	1,278.00
Begin height	39.00
End Height	41.00
Multiplier	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	102,240.00 SF	\$64.09	\$6,552,561.60

Retaining Wall 8

Description	Value
Length	52.00
Begin height	39.00
End Height	39.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	2,028.00	SF	\$64.09	\$129,974.52

Retaining Wall 9

Description	Value
Length	45.00
Begin height	41.00
End Height	41.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,845.00	SF	\$64.09	\$118,246.05

Retaining Wall 10

Description	Value
Length	815.00
Begin height	29.00
End Height	22.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	20,782.50	SF	\$64.09	\$1,331,950.42

Retaining Wall 11

Description	Value
Length	406.00
Begin height	29.00
End Height	21.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	10,150.00	SF	\$64.09	\$650,513.50

Retaining Wall 12

Description	Value
Length	45.00
Begin height	29.00
End Height	29.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,305.00	SF	\$64.09	\$83,637.45
Retaining Walls Component Total					\$16,884,427.23
Sequence 14 Total					\$97,448,026.24

DRAFT

Sequence: 15NUR - New Construction, Undivided, Rural**Net Length:** 0.564 MI
2,978 LF**Description:** Central Polk Parkway - 15 ft At-Grade Ramp (SB & NB)**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	33.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.564
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.26	AC	\$73,595.46	\$166,325.74
120-6	EMBANKMENT	14,847.69	CY	\$45.00	\$668,146.05
Earthwork Component Total					\$834,471.79

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	15.00 / 0.00
Structural Spread Rate	550
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	8,933.76	SY	\$22.88	\$204,404.43
285-712	OPTIONAL BASE,BASE GROUP 12	5,072.39	SY	\$67.63	\$343,045.74
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	1,364.88	TN	\$183.73	\$250,769.40
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	198.53	TN	\$208.32	\$41,357.77

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.26 GM	\$1,552.05	\$3,507.63
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Roadway Component Total

\$843,084.97

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	6.00 / 6.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	4.00 / 4.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	2,865.42	SY	\$44.09	\$126,336.37
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	218.38	TN	\$183.73	\$40,122.96
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	105.88	TN	\$208.32	\$22,056.92
570-1-1	PERFORMANCE TURF	1,323.52	SY	\$4.74	\$6,273.48

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	7,742.59	LF	\$3.38	\$26,169.95
104-11	FLOATING TURBIDITY BARRIER	141.00	LF	\$17.64	\$2,487.24
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	141.00	LF	\$9.79	\$1,380.39
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,021.14	\$4,021.14
107-1	LITTER REMOVAL	6.84	AC	\$58.61	\$400.89
107-2	MOWING	6.84	AC	\$88.25	\$603.63

Shoulder Component Total

\$229,852.97

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	456.00	LF	\$224.76	\$102,490.56
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	96.00	LF	\$345.31	\$33,149.76
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	23.00	EA	\$3,791.10	\$87,195.30
570-1-1	PERFORMANCE TURF	397.06	SY	\$4.74	\$1,882.06

Drainage Component Total

\$224,717.68

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	2.00	EA	\$565.92	\$1,131.84
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	12.00	EA	\$1,973.48	\$23,681.76
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	2.00	EA	\$7,710.27	\$15,420.54
Signing Component Total					\$40,234.14
Sequence 15 Total					\$2,172,361.55

DRAFT

Sequence: 16NUR - New Construction, Undivided, Rural**Net Length:** 0.370 MI
1,951 LF**Description:** Central Polk Parkway - 12 ft Ramp At-grade (SB & NB)**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	12.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.370
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 0 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 0.00 %
Roadway Cross Slope L/R	2.00 % / 0.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.54	AC	\$73,595.46	\$39,741.55
120-6	EMBANKMENT	10,035.72	CY	\$45.00	\$451,607.40
Earthwork Component Total					\$491,348.95

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	12.00 / 0.00
Structural Spread Rate	550
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	5,202.56	SY	\$22.88	\$119,034.57
285-712	OPTIONAL BASE,BASE GROUP 12	2,672.82	SY	\$67.63	\$180,762.82
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	715.35	TN	\$183.73	\$131,431.26
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	104.05	TN	\$260.92	\$27,148.73

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.48 GM	\$1,552.05	\$2,297.03
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Roadway Component Total

\$460,674.41

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	12.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Paved Outside Shoulder Width L/R	12.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips i 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	2,672.82	SY	\$44.09	\$117,844.63
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	214.61	TN	\$183.73	\$39,430.30
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	104.05	TN	\$260.92	\$27,148.73

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	130.00	LF	\$55.42	\$7,204.60
	Comment: Median Nose				
520-1-10	CONCRETE CURB & GUTTER, TYPE F	168.00	LF	\$57.31	\$9,628.08
	Comment: Radius Returns				

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	5,072.50	LF	\$3.38	\$17,145.05
104-11	FLOATING TURBIDITY BARRIER	92.38	LF	\$17.64	\$1,629.58
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	92.38	LF	\$9.79	\$904.40
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,021.14	\$4,021.14
107-1	LITTER REMOVAL	4.48	AC	\$58.61	\$262.57
107-2	MOWING	4.48	AC	\$88.25	\$395.36

Shoulder Component Total

\$225,614.44

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	296.00	LF	\$224.76	\$66,528.96
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	64.00	LF	\$345.31	\$22,099.84

430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	15.00 EA	\$3,791.10	\$56,866.50
570-1-1	PERFORMANCE TURF	260.13 SY	\$4.74	\$1,233.02
Drainage Component Total				\$146,728.32

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	1.00	EA	\$565.92	\$565.92
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	8.00	EA	\$1,973.48	\$15,787.84
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	1.00	EA	\$7,710.27	\$7,710.27
Signing Component Total					\$24,064.03

Sequence 16 Total					\$1,348,430.15
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DRAFT

Sequence: 17 NUR - New Construction, Undivided, Rural**Net Length:** 0.317 MI
1,676 LF**Description:** Central Polk Parkway - 15 ft Ramp Wall Section (SB)**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 0.00
Incidental Clearing and Grubbing Area	0.00

Alignment Number	1
Distance	0.176
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	133.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 0.00 %
Roadway Cross Slope L/R	2.00 % / 0.00 %

Alignment Number	2
Distance	0.176
Top of Structural Course For Begin Section	133.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 0.00 %
Roadway Cross Slope L/R	2.00 % / 0.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.15	AC	\$73,595.46	\$84,634.78
120-6	EMBANKMENT	25,550.38	CY	\$45.00	\$1,149,767.10

Earthwork Component Total					\$1,234,401.88
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ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	15.00 / 0.00
Structural Spread Rate	550
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	5,027.62	SY	\$22.88	\$115,031.95
285-712	OPTIONAL BASE,BASE GROUP 12	2,854.57	SY	\$67.63	\$193,054.57
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	768.11	TN	\$183.73	\$141,124.85
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	111.72	TN	\$260.92	\$29,149.98

Pavement Marking Subcomponent

Description	Value
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Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.27	GM	\$1,552.05	\$1,971.10
Roadway Component Total					\$480,332.45

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	6.00 / 6.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Paved Outside Shoulder Width L/R	6.00 / 6.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	2,357.39	SY	\$44.09	\$103,937.33
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	184.35	TN	\$183.73	\$33,870.63
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	89.38	TN	\$260.92	\$23,321.03

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	4,357.27	LF	\$3.38	\$14,727.57
104-11	FLOATING TURBIDITY BARRIER	79.35	LF	\$17.64	\$1,399.73
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	79.35	LF	\$9.79	\$776.84
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,021.14	\$4,021.14
107-1	LITTER REMOVAL	3.85	AC	\$58.61	\$225.65
107-2	MOWING	3.85	AC	\$88.25	\$339.76
Shoulder Component Total					\$182,619.68

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	256.00	LF	\$224.76	\$57,538.56
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	56.00	LF	\$345.31	\$19,337.36

430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	13.00 EA	\$3,791.10	\$49,284.30
570-1-1	PERFORMANCE TURF	223.45 SY	\$4.74	\$1,059.15
Drainage Component Total				\$127,219.37

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	1.00 EA	\$565.92	\$565.92
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	7.00 EA	\$1,973.48	\$13,814.36
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	1.00 EA	\$7,710.27	\$7,710.27
Signing Component Total				\$22,090.55

BRIDGES COMPONENT**Bridge 11**

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	343.28
Width (LF)	47.67
Type	Overpass Bridge
Cost Factor	1.65
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$330.00
Final Cost per SF	\$338.05
Basic Bridge Cost	\$5,400,172.01
Description	SB EXIT RAMP OVER CENTRAL POLK PARKWAY

Bridge Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	105.93 CY	\$974.35	\$103,212.90
415-1-9	REINF STEEL- APPROACH SLABS	18,537.75 LB	\$1.54	\$28,548.14
Bridge 11 Total				\$5,531,933.05
Bridges Component Total				\$5,531,933.05

RETAINING WALLS COMPONENT**X-Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
521-8-7	CONC BARRIER, W/JUNCT SL, 36 SS	3,352.00 LF	\$472.11	\$1,582,512.72

Retaining Wall 1

Description	Value
Length	928.00

Begin height	7.00
End Height	35.00
Multiplier	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	38,976.00 SF	\$64.09	\$2,497,971.84

Retaining Wall 2

Description	Value
Length	48.00
Begin height	35.00
End Height	35.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,680.00 SF	\$64.09	\$107,671.20

Retaining Wall 3

Description	Value
Length	48.00
Begin height	35.00
End Height	7.00
Multiplier	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	31,416.00 SF	\$64.09	\$2,013,451.44

Retaining Wall 4

Description	Value
Length	48.00
Begin height	35.00
End Height	35.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,680.00 SF	\$64.09	\$107,671.20

Retaining Walls Component Total

\$6,309,278.40

Sequence 17 Total

\$13,887,875.38

Sequence: 18 NUU - New Construction, Undivided, Urban**Net Length:** 0.245 MI
1,291 LF**Description:** Side Roads - Various Aprons with Curb and Gutter**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	15.00 / 15.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.245
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	100.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.89	AC	\$73,595.46	\$65,499.96
120-1	REGULAR EXCAVATION	7,730.94	CY	\$38.04	\$294,084.96
Earthwork Component Total					\$359,584.92

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	11.00 / 11.00
Structural Spread Rate	220
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,895.83	SY	\$22.88	\$89,136.59
285-709	OPTIONAL BASE,BASE GROUP 09	3,155.68	SY	\$57.53	\$181,546.27
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	347.12	TN	\$192.88	\$66,952.51
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	260.34	TN	\$208.32	\$54,234.03

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	33.00	EA	\$4.90	\$161.70

710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.96 GM	\$1,552.05	\$3,042.02
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.49 GM	\$630.05	\$308.72
Roadway Component Total				\$395,381.84

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	4.25 / 4.25
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Sidewalk Width L/R	0.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,290.96	LF	\$57.31	\$73,984.92
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,290.96	LF	\$57.31	\$73,984.92
570-1-1	PERFORMANCE TURF	573.76	SY	\$4.74	\$2,719.62

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,517.00	LF	\$57.31	\$86,939.27
Comment: Radius return locations					

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,581.92	LF	\$3.38	\$8,726.89
104-11	FLOATING TURBIDITY BARRIER	61.12	LF	\$17.64	\$1,078.16
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	61.12	LF	\$9.79	\$598.36
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	13.00	EA	\$191.69	\$2,491.97
107-1	LITTER REMOVAL	2.96	AC	\$58.61	\$173.49
107-2	MOWING	2.96	AC	\$88.25	\$261.22

Shoulder Component Total**\$254,979.96****DRAINAGE COMPONENT****Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	9.00	EA	\$9,895.88	\$89,062.92
425-1-451	INLETS, CURB, TYPE J-5, <10'	3.00	EA	\$14,616.72	\$43,850.16
425-1-521	INLETS, DT BOT, TYPE C, <10'	2.00	EA	\$7,787.64	\$15,575.28
425-2-41	MANHOLES, P-7, <10'	2.00	EA	\$8,770.84	\$17,541.68
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	576.00	LF	\$226.68	\$130,567.68
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	56.00	LF	\$345.31	\$19,337.36

430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	1,224.00 LF	\$468.82	\$573,835.68
570-1-1	PERFORMANCE TURF	74.33 SY	\$4.74	\$352.32
Drainage Component Total				\$890,123.08

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	5.00	EA	\$565.92	\$2,829.60
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	1.00	EA	\$1,973.48	\$1,973.48
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	1.00	EA	\$10,274.73	\$10,274.73
Signing Component Total					\$15,077.81

LIGHTING COMPONENT**Conventional Lighting Subcomponent**

Description				Value	
Spacing				MAX	
Pay Items					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,290.96	LF	\$23.35	\$30,143.92
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	168.46	LF	\$40.59	\$6,837.79
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	6.00	EA	\$1,702.57	\$10,215.42
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	4,378.26	LF	\$4.75	\$20,796.74
715-61-342	LIGHT POLE CMPLT,STD,F&I, 40'MH,12'ARM L	6.00	EA	\$10,618.85	\$63,713.10
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	6.00	EA	\$930.31	\$5,581.86
Subcomponent Total					\$137,288.82
Lighting Component Total					\$137,288.83

Sequence 18 Total	\$2,052,436.44
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Sequence: 19NDU - New Construction, Divided, Urban**Net Length:** 0.145 MI
764 LF**Description:** Side Roads - Power Line Road - 1 EB Lane w/7 ft Bike Lane**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 33.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.145
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	100.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	0.00 % / 0.00 %
Outside Shoulder Cross Slope L/R	0.00 % / 2.00 %
Roadway Cross Slope L/R	0.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.58	AC	\$73,595.46	\$42,685.37
120-1	REGULAR EXCAVATION	3,301.01	CY	\$38.04	\$125,570.42
Earthwork Component Total					\$168,255.79

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	0.00 / 18.00
Structural Spread Rate	220
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	1,966.07	SY	\$22.88	\$44,983.68
285-709	OPTIONAL BASE,BASE GROUP 09	1,528.03	SY	\$57.53	\$87,907.57
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	168.08	TN	\$192.88	\$32,419.27
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	126.06	TN	\$208.32	\$26,260.82

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.16 GM	\$1,552.05	\$1,800.38
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Roadway Component Total

\$193,371.72

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	0.00 / 11.25
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 3.00
Sidewalk Width L/R	0.00 / 6.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	764.02 LF	\$57.31	\$43,785.99
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	509.34 SY	\$85.60	\$43,599.50
570-1-1	PERFORMANCE TURF	254.67 SY	\$4.74	\$1,207.14

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,528.03 LF	\$3.38	\$5,164.74
104-11	FLOATING TURBIDITY BARRIER	36.17 LF	\$17.64	\$638.04
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	36.17 LF	\$9.79	\$354.10
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	8.00 EA	\$191.69	\$1,533.52
107-1	LITTER REMOVAL	3.68 AC	\$58.61	\$215.68
107-2	MOWING	3.68 AC	\$88.25	\$324.76

Shoulder Component Total

\$100,844.61

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	6.00 EA	\$9,895.88	\$59,375.28
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00 EA	\$14,616.72	\$29,233.44
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00 EA	\$7,787.64	\$7,787.64
425-2-41	MANHOLES, P-7, <10'	1.00 EA	\$8,770.84	\$8,770.84
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	384.00 LF	\$226.68	\$87,045.12
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	40.00 LF	\$345.31	\$13,812.40
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	728.00 LF	\$468.82	\$341,300.96
570-1-1	PERFORMANCE TURF	43.99 SY	\$4.74	\$208.51

Drainage Component Total

\$547,534.19

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	4.00	EA	\$565.92	\$2,263.68
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	1.00	EA	\$1,973.48	\$1,973.48
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	1.00	EA	\$10,274.73	\$10,274.73
700-2-116	MULTI- COLUMN SIGN, F&I GM, 100.1-200 SF	1.00	EA	\$17,767.92	\$17,767.92
Signing Component Total					\$32,279.81

LIGHTING COMPONENT**Conventional Lighting Subcomponent**

Description					Value
Spacing					MIN
Pay Items					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	764.02	LF	\$23.35	\$17,839.87
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	151.65	LF	\$40.59	\$6,155.47
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	6.00	EA	\$1,702.57	\$10,215.42
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	2,790.39	LF	\$4.75	\$13,254.35
715-61-342	LIGHT POLE CMPLT,STD,F&I, 40'MH,12'ARM L	6.00	EA	\$10,618.85	\$63,713.10
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	6.00	EA	\$930.31	\$5,581.86
Subcomponent Total					\$116,760.07
Lighting Component Total					\$116,760.07
Sequence 19 Total					\$1,159,046.19

Sequence: 20 WUU - Widen/Resurface, Undivided, Urban**Net Length:** 0.080 MI
423 LF**Description:** Side Roads - Power Line Road - 5 lane WB lanes w/7 ft bike lane (3 lanes M&R; 2 lane widening); Signal**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 44.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.080
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	0 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	0.00 % / 2.00 %
Front Slope L/R	0 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	0.00 % / 2.00 %
Roadway Cross Slope L/R	0.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.43 AC	\$73,595.46	\$31,646.05
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	46.15 CY	\$52.88	\$2,440.41
Earthwork Component Total				\$34,086.46

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	5
Existing Roadway Pavement Width L/R	0.00 / 33.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 29.00
Widened Structural Spread Rate	220
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	1,484.01 SY	\$22.88	\$33,954.15
285-709	OPTIONAL BASE,BASE GROUP 09	1,378.28 SY	\$57.53	\$79,292.45
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,550.74 SY	\$4.97	\$7,707.18
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	127.94 TN	\$192.88	\$24,677.07
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	149.90 TN	\$192.88	\$28,912.71
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	62.03 TN	\$208.32	\$12,922.09
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	112.43 TN	\$208.32	\$23,421.42

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	65.00 EA	\$4.90	\$318.50
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.64 GM	\$1,552.05	\$993.31
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.64 GM	\$630.05	\$403.23

Roadway Component Total

\$212,602.11

SHOULDER COMPONENT**User Input Data**

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 15.00
New Total Outside Shoulder Width L/R	0.00 / 15.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 6.75
Sidewalk Width L/R	0.00 / 6.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	422.93 LF	\$57.31	\$24,238.12
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	281.95 SY	\$85.60	\$24,134.92
570-1-1	PERFORMANCE TURF	317.20 SY	\$4.74	\$1,503.53

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	845.86 LF	\$3.38	\$2,859.01
104-11	FLOATING TURBIDITY BARRIER	8.01 LF	\$17.64	\$141.30
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	8.01 LF	\$9.79	\$78.42
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	5.00 EA	\$191.69	\$958.45
107-1	LITTER REMOVAL	0.37 AC	\$58.61	\$21.69
107-2	MOWING	0.37 AC	\$88.25	\$32.65

Shoulder Component Total

\$57,989.23

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	3.00 EA	\$9,895.88	\$29,687.64

425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00 EA	\$14,616.72	\$14,616.72
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00 EA	\$7,787.64	\$7,787.64
425-2-41	MANHOLES, P-7, <10'	1.00 EA	\$8,770.84	\$8,770.84
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	160.00 LF	\$226.68	\$36,268.80
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	408.00 LF	\$468.82	\$191,278.56
570-1-1	PERFORMANCE TURF	24.35 SY	\$4.74	\$115.42
Drainage Component Total				\$288,525.62

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	2.00 EA	\$565.92	\$1,131.84
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	1.00 EA	\$1,973.48	\$1,973.48
700-1-500	SINGLE COL GRND SIGN AS, RELOCATE	1.00 EA	\$350.94	\$350.94
700-1-600	SINGLE COL GRND SIGN AS, REMOVE	2.00 EA	\$51.83	\$103.66
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	1.00 EA	\$7,710.27	\$7,710.27
700-2-600	MULTI- COLUMN GROUND SIGN, REMOVE	1.00 EA	\$1,200.51	\$1,200.51
Signing Component Total				\$12,470.70

SIGNALIZATIONS COMPONENT**Signalization 1**

Description	Value
Type	6 Lane Mast Arm
Multiplier	1
Description	Signal for WB Power Line Road at US 17/92 (1 + 1 Left turn lane + 3 RTL)

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	700.00 LF	\$23.35	\$16,345.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	300.00 LF	\$40.59	\$12,177.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	\$11,826.91	\$11,826.91
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00 EA	\$1,702.57	\$37,456.54
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	\$6,030.57	\$6,030.57
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	\$10.81	\$648.60
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	1.00 EA	\$2,525.07	\$2,525.07
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	5.00 EA	\$110,431.43	\$552,157.15
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	20.00 AS	\$1,884.91	\$37,698.20

653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	\$1,110.23	\$8,881.84
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20.00 EA	\$649.33	\$12,986.60
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	20.00 AS	\$2,002.12	\$40,042.40
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	\$445.78	\$3,566.24
670-5-111	TRAF CNTLASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	\$52,612.86	\$52,612.86
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	\$303.79	\$1,215.16
Signalizations Component Total				\$796,170.14
Sequence 20 Total				\$1,401,844.26

DRAFT

Sequence: 21 NUR - New Construction, Undivided, Rural**Net Length:** 0.308 MI
1,628 LF**Description:** Side Roads - 2-lane Undivided; 11 ft lanes w-5 ft Paved shoulders (Lem Carnes, & Kissimmee and Church Roads)**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	41.00 / 41.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.308
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	100.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	3.06	AC	\$73,595.46	\$225,202.11
120-1	REGULAR EXCAVATION	22,249.37	CY	\$38.04	\$846,366.03
Earthwork Component Total					\$1,071,568.14

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	11.00 / 11.00
Structural Spread Rate	220
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	14,831.29	SY	\$22.88	\$339,339.92
285-709	OPTIONAL BASE,BASE GROUP 09	4,098.50	SY	\$57.53	\$235,786.70
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	437.70	TN	\$192.88	\$84,423.58
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	328.28	TN	\$208.32	\$68,387.29

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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706-1-3	RAISED PAVMT MARK, TYPE B	42.00 EA	\$4.90	\$205.80
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.23 GM	\$1,552.05	\$1,909.02
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.62 GM	\$664.27	\$411.85
Roadway Component Total				\$730,464.17

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	30.00 / 30.00
Total Outside Shoulder Perf. Turf Width L/R	25.00 / 25.00
Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,928.07	SY	\$44.09	\$85,008.61
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	99.48	TN	\$192.88	\$19,187.70
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	149.22	TN	\$208.32	\$31,085.51
570-1-1	PERFORMANCE TURF	9,043.47	SY	\$4.74	\$42,866.05

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	154.00	LF	\$57.31	\$8,825.74
Comment: Radius Return on Lem Carnes					

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	4,232.34	LF	\$3.38	\$14,305.31
104-11	FLOATING TURBIDITY BARRIER	77.08	LF	\$17.64	\$1,359.69
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	77.08	LF	\$9.79	\$754.61
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,021.14	\$4,021.14
107-1	LITTER REMOVAL	3.74	AC	\$58.61	\$219.20
107-2	MOWING	3.74	AC	\$88.25	\$330.06

Shoulder Component Total**\$207,963.62****DRAINAGE COMPONENT****Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	248.00	LF	\$224.76	\$55,740.48
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	56.00	LF	\$345.31	\$19,337.36

430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	13.00 EA	\$3,791.10	\$49,284.30
570-1-1	PERFORMANCE TURF	217.04 SY	\$4.74	\$1,028.77
Drainage Component Total				\$125,390.91

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	1.00	EA	\$565.92	\$565.92
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	7.00	EA	\$1,973.48	\$13,814.36
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	1.00	EA	\$7,710.27	\$7,710.27
Signing Component Total				\$22,090.55	

Sequence 21 Total	\$2,157,477.39
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DRAFT

Sequence: 22 NDU - New Construction, Divided, Urban**Net Length:** 0.030 MI
160 LF**Description:** Side Roads - 2-lane Underpasses - 2- 11 ft lanes; 11 ft Median (Lem Carnes)**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	13.00 / 13.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.031
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.09	AC	\$73,595.46	\$6,623.59
120-6	EMBANKMENT	2,513.40	CY	\$45.00	\$113,103.00
Earthwork Component Total					\$119,726.59

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	11.00 / 11.00
Structural Spread Rate	220
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	574.52	SY	\$22.88	\$13,145.02
285-709	OPTIONAL BASE,BASE GROUP 09	391.07	SY	\$57.53	\$22,498.26
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	43.02	TN	\$192.88	\$8,297.70
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	32.26	TN	\$208.32	\$6,720.40

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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706-1-3	RAISED PAVMT MARK, TYPE B	4.00 EA	\$4.90	\$19.60
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.24 GM	\$1,552.05	\$372.49
Roadway Component Total				\$51,053.47

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	4.25 / 4.25
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Sidewalk Width L/R	0.00 / 0.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	159.98 LF	\$57.31	\$9,168.45
520-1-10	CONCRETE CURB & GUTTER, TYPE F	159.98 LF	\$57.31	\$9,168.45
570-1-1	PERFORMANCE TURF	71.10 SY	\$4.74	\$337.01

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	319.97 LF	\$3.38	\$1,081.50
104-11	FLOATING TURBIDITY BARRIER	7.58 LF	\$17.64	\$133.71
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	7.58 LF	\$9.79	\$74.21
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	2.00 EA	\$191.69	\$383.38
107-1	LITTER REMOVAL	0.77 AC	\$58.61	\$45.13
107-2	MOWING	0.77 AC	\$88.25	\$67.95
Shoulder Component Total				\$24,480.93

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	22.00
Performance Turf Width	17.50

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	319.97 LF	\$55.42	\$17,732.74
570-1-1	PERFORMANCE TURF	311.08 SY	\$4.74	\$1,474.52
Median Component Total				\$19,207.26

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
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425-1-351	INLETS, CURB, TYPE P-5, <10'	2.00 EA	\$9,895.88	\$19,791.76
425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00 EA	\$14,616.72	\$14,616.72
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00 EA	\$7,787.64	\$7,787.64
425-2-41	MANHOLES, P-7, <10'	1.00 EA	\$8,770.84	\$8,770.84
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	88.00 LF	\$226.68	\$19,947.84
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	8.00 LF	\$345.31	\$2,762.48
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	152.00 LF	\$468.82	\$71,260.64
570-1-1	PERFORMANCE TURF	9.21 SY	\$4.74	\$43.66
Drainage Component Total				\$144,981.58

SIGNING COMPONENT

Pay Items				
Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	1.00 EA	\$565.92	\$565.92
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	1.00 EA	\$1,973.48	\$1,973.48
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	1.00 EA	\$10,274.73	\$10,274.73
700-2-116	MULTI- COLUMN SIGN, F&I GM, 100.1-200 SF	1.00 EA	\$17,767.92	\$17,767.92
Signing Component Total				\$30,582.05

LIGHTING COMPONENT**Conventional Lighting Subcomponent**

Description				Value
Spacing				MIN
Pay Items				
Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F&I, OPEN TRENCH	159.98 LF	\$23.35	\$3,735.53
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	31.75 LF	\$40.59	\$1,288.73
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	2.00 EA	\$1,702.57	\$3,405.14
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	584.31 LF	\$4.75	\$2,775.47
715-61-342	LIGHT POLE CMPLT,STD,F&I, 40'MH,12'ARM L	2.00 EA	\$10,618.85	\$21,237.70
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	2.00 EA	\$930.31	\$1,860.62
Subcomponent Total				\$34,303.20
Lighting Component Total				\$34,303.19

Sequence 22 Total	\$424,335.07
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Sequence: 23 RSU - Resurfacing, Undivided**Net Length:** 0.026 MI
138 LF**Description:** Side Roads - 5-lane M&R Ernie Caldwell Intersection at US 17/92**ROADWAY COMPONENT****User Input Data**

Description	Value
Number of Lanes	5
Roadway Pavement Width L/R	39.50 / 30.50
Structural Spread Rate	165
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	1,071.84 SY	\$4.59	\$4,919.75
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	88.43 TN	\$192.88	\$17,056.38
337-7-83	ASPH CONC FC, TRAFFIC C, FC-12.5, PG 76-22	88.43 TN	\$208.32	\$18,421.74

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	92.00 LF	\$98.47	\$9,059.24

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	21.00 EA	\$4.90	\$102.90
710-11-101	PAINTED PAVT MARK, STD, WHITE, SOLID, 6"	0.10 GM	\$1,552.05	\$155.21
710-11-231	PAINTED PAVT MARK, STD, YELLOW, SKIP, 6"	0.21 GM	\$664.27	\$139.50

Roadway Component Total

\$49,854.72

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Paved Outside Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	153.12 SY	\$4.74	\$725.79

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	111.00 SY	\$85.60	\$9,501.60
	Comment: 2982 SF/27 = 111 SY			

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-11	FLOATING TURBIDITY BARRIER	2.61 LF	\$17.64	\$46.04
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	2.61 LF	\$9.79	\$25.55
104-18	INLET PROTECTION SYSTEM	1.00 EA	\$191.69	\$191.69
107-1	LITTER REMOVAL	0.06 AC	\$58.61	\$3.52
107-2	MOWING	0.06 AC	\$88.25	\$5.30

Shoulder Component Total

\$10,499.49

Sequence 23 Total

\$60,354.21

Sequence: 24 WUR - Widen/Resurface, Undivided, Rural**Net Length:** 0.326 MI
1,722 LF**Description:** US 17/92 - 3-lane M&R + 1-lane widening; Tie-in north of Ernie Caldwell; Tie-ins for median construction at Providence entrance.**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	51.00 / 51.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.326
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	4.03	AC	\$73,595.46	\$296,589.70
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	1,417.82	CY	\$52.88	\$74,974.32
Earthwork Component Total					\$371,564.02

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	4
Existing Roadway Pavement Width L/R	22.00 / 11.00
Structural Spread Rate	165
Friction Course Spread Rate	165
Widened Outside Pavement Width L/R	0.00 / 11.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	13,200.53	SY	\$22.88	\$302,028.13
285-709	OPTIONAL BASE,BASE GROUP 09	2,167.56	SY	\$57.53	\$124,699.73
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	6,313.30	SY	\$4.59	\$28,978.05
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	520.85	TN	\$192.88	\$100,461.55
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	289.36	TN	\$192.88	\$55,811.76
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	520.85	TN	\$208.32	\$108,503.47
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	173.62	TN	\$208.32	\$36,168.52

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	220.00	EA	\$4.90	\$1,078.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.30	GM	\$1,552.05	\$2,017.67
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	1.96	GM	\$664.27	\$1,301.97

Roadway Component Total

\$761,048.85

SHOULDER COMPONENT**User Input Data**

Description	Value
Existing Total Outside Shoulder Width L/R	10.00 / 10.00
New Total Outside Shoulder Width L/R	29.00 / 29.00
Total Outside Shoulder Perf. Turf Width L/R	24.00 / 24.00
Existing Paved Outside Shoulder Width L/R	5.00 / 5.00
New Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	T
Rumble Strips i/c ½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	2,039.39	SY	\$44.09	\$89,916.71
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	1,913.12	SY	\$5.05	\$9,661.26
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	105.22	TN	\$192.88	\$20,294.83
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	157.83	TN	\$208.32	\$32,879.15
570-1-1	PERFORMANCE TURF	9,182.98	SY	\$4.74	\$43,527.33

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,960.16	LF	\$3.38	\$13,385.34
104-11	FLOATING TURBIDITY BARRIER	32.61	LF	\$17.64	\$575.24
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	32.61	LF	\$9.79	\$319.25
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	1.00	EA	\$191.69	\$191.69
107-1	LITTER REMOVAL	0.79	AC	\$58.61	\$46.30
107-2	MOWING	0.79	AC	\$88.25	\$69.72

Shoulder Component Total**\$214,887.96****DRAINAGE COMPONENT****Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND, 24" SD	48.00	LF	\$224.76	\$10,788.48
430-175-136	PIPE CULV, OPT MATL, ROUND, 36" S/CD	24.00	LF	\$345.31	\$8,287.44
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	4.00	EA	\$3,791.10	\$15,164.40
570-1-1	PERFORMANCE TURF	131.74	SY	\$4.74	\$624.45
Drainage Component Total					\$34,864.77

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	1.00	EA	\$565.92	\$565.92
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	7.00	EA	\$1,973.48	\$13,814.36
700-1-500	SINGLE COL GRND SIGN AS, RELOCATE	1.00	EA	\$350.94	\$350.94
700-1-600	SINGLE COL GRND SIGN AS, REMOVE	7.00	EA	\$51.83	\$362.81
700-2-113	MULTI- COLUMN SIGN, F&I GM, 20.1-30 SF	1.00	EA	\$6,848.53	\$6,848.53
700-2-600	MULTI- COLUMN GROUND SIGN, REMOVE	1.00	EA	\$1,200.51	\$1,200.51
Signing Component Total					\$23,143.07

Sequence 24 Total**\$1,405,508.67**

Sequence: 25 NDR - New Construction, Divided, Rural**Net Length:** 0.230 MI
1,213 LF**Description:** US 17/92 - 2-lane Divided; Median reconstruction near Providence intersection**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	65.00 / 65.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.230
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	3.62	AC	\$73,595.46	\$266,415.57
120-6	EMBANKMENT	4,961.05	CY	\$45.00	\$223,247.25
Earthwork Component Total					\$489,662.82

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	11.00 / 11.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	13,475.73	SY	\$22.88	\$308,324.70
285-709	OPTIONAL BASE,BASE GROUP 09	3,142.54	SY	\$57.53	\$180,790.33
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	489.17	TN	\$192.88	\$94,351.11
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	244.58	TN	\$208.32	\$50,950.91

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	31.00	EA	\$4.90	\$151.90
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.84	GM	\$1,552.05	\$2,855.77
Roadway Component Total					\$637,424.72

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	29.00 / 29.00
Total Outside Shoulder Perf. Turf Width L/R	24.00 / 24.00
Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,436.51	SY	\$44.09	\$63,335.73
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	74.12	TN	\$192.88	\$14,296.27
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	111.17	TN	\$208.32	\$23,158.93
570-1-1	PERFORMANCE TURF	6,468.35	SY	\$4.74	\$30,659.98

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
521-72-44	SHLDR CONC BARRIER, 44" PIER PROTECTION	814.00	LF	\$619.43	\$504,216.02
Comment: Pier Protection for CPP overpass					

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,153.32	LF	\$3.38	\$10,658.22
104-11	FLOATING TURBIDITY BARRIER	57.42	LF	\$17.64	\$1,012.89
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	57.42	LF	\$9.79	\$562.14
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	2.00	EA	\$191.69	\$383.38
107-1	LITTER REMOVAL	5.57	AC	\$58.61	\$326.46
107-2	MOWING	5.57	AC	\$88.25	\$491.55

Shoulder Component Total**\$653,122.71****MEDIAN COMPONENT****User Input Data**

Description	Value
Total Median Width	50.80
Performance Turf Width	40.60
Total Median Shoulder Width L/R	10.00 / 10.00
Paved Median Shoulder Width L/R	5.00 / 5.00

Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,436.51 SY	\$44.09	\$63,335.73
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	74.12 TN	\$192.88	\$14,296.27
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	111.17 TN	\$208.32	\$23,158.93
570-1-1	PERFORMANCE TURF	5,471.15 SY	\$4.74	\$25,933.25
Median Component Total				\$126,724.18

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-551	INLETS, DT BOT, TYPE E, <10'	2.00 EA	\$9,113.24	\$18,226.48
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	184.00 LF	\$224.76	\$41,355.84
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	80.00 LF	\$226.68	\$18,134.40
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	72.00 LF	\$345.31	\$24,862.32
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	10.00 EA	\$3,791.10	\$37,911.00
524-1-1	CONCRETE DITCH PAVT, NR, 3"	459.40 SY	\$112.25	\$51,567.65
570-1-1	PERFORMANCE TURF	161.71 SY	\$4.74	\$766.51
Drainage Component Total				\$192,824.20

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	1.00 EA	\$565.92	\$565.92
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	6.00 EA	\$1,973.48	\$11,840.88
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	1.00 EA	\$7,710.27	\$7,710.27
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	2.00 EA	\$10,274.73	\$20,549.46
Signing Component Total				\$40,666.53

SIGNALIZATIONS COMPONENT**Signalization 1**

Description	Value
Type	4 Lane Mast Arm
Multiplier	2
Description	Signals for SB & NB US 17/92 at intersections of Providence

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,500.00 LF	\$23.35	\$35,025.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	500.00 LF	\$40.59	\$20,295.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00 PI	\$11,826.91	\$23,653.82
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	32.00 EA	\$1,702.57	\$54,482.24
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	2.00 AS	\$6,030.57	\$12,061.14
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00 LF	\$10.81	\$1,297.20
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	6.00 EA	\$89,407.44	\$536,444.64
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	24.00 AS	\$1,884.91	\$45,237.84
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	16.00 AS	\$1,110.23	\$17,763.68
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	24.00 EA	\$649.33	\$15,583.92
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	24.00 AS	\$2,002.12	\$48,050.88
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	16.00 EA	\$445.78	\$7,132.48
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00 AS	\$52,612.86	\$105,225.72
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	8.00 EA	\$303.79	\$2,430.32

Signalization 2**Description**

Type

Multiplier

Description

Value

2 Lane Mast Arm

1

Signal for Providence (1 lanes +Left turn lane)

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	800.00 LF	\$23.35	\$18,680.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	200.00 LF	\$40.59	\$8,118.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	\$11,826.91	\$11,826.91
633-3-11	FIBER OPTIC CONN HDWR, SPLICE ENCLOSURE	2.00 EA	\$1,503.23	\$3,006.46
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00 EA	\$1,702.57	\$20,430.84
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	\$6,030.57	\$6,030.57
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	\$10.81	\$648.60
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	4.00 EA	\$103,435.87	\$413,743.48
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00 AS	\$1,884.91	\$15,079.28
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	\$1,110.23	\$8,881.84
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00 EA	\$649.33	\$5,194.64
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00 AS	\$2,002.12	\$16,016.96
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	\$445.78	\$3,566.24

670-5-111	TRAF CNTLASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	\$52,612.86	\$52,612.86
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	\$303.79	\$1,215.16
Signalizations Component Total				\$1,509,735.72
Sequence 25 Total				\$3,650,160.88

DRAFT

Sequence: 26 NDU - New Construction, Divided, Urban**Net Length:** 0.691 MI
3,647 LF**Description:** US 17/92 - 4-lane Typical (SB & NB); 40 ft median**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	71.00 / 71.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.691
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	11.89	AC	\$73,595.46	\$875,050.02
120-6	EMBANKMENT	82,798.88	CY	\$45.00	\$3,725,949.60
Earthwork Component Total					\$4,600,999.62

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	22.00 / 22.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	22,011.04	SY	\$22.88	\$503,612.60
285-709	OPTIONAL BASE,BASE GROUP 09	17,829.27	SY	\$57.53	\$1,025,717.90
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	2,941.83	TN	\$192.88	\$567,420.17
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	1,470.91	TN	\$208.32	\$306,419.97

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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706-1-3	RAISED PAVMT MARK, TYPE B	280.00 EA	\$4.90	\$1,372.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	5.53 GM	\$1,552.05	\$8,582.84
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	2.76 GM	\$630.05	\$1,738.94
Roadway Component Total				\$2,414,864.42

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	6.75 / 6.75
Total Outside Shoulder Perf. Turf Width L/R	4.50 / 4.50
Sidewalk Width L/R	0.00 / 0.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	3,646.90 LF	\$57.31	\$209,003.84
520-1-10	CONCRETE CURB & GUTTER, TYPE F	3,646.90 LF	\$57.31	\$209,003.84
570-1-1	PERFORMANCE TURF	3,646.90 SY	\$4.74	\$17,286.31

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	4,008.00 SY	\$85.60	\$343,084.80
Comment: Shared Use Path = 10822 LF * 12 FT =108,220 SF/27 = 4008 SY				

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	7,293.79 LF	\$3.38	\$24,653.01
104-11	FLOATING TURBIDITY BARRIER	172.68 LF	\$17.64	\$3,046.08
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	172.68 LF	\$9.79	\$1,690.54
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	36.00 EA	\$191.69	\$6,900.84
107-1	LITTER REMOVAL	17.58 AC	\$58.61	\$1,030.36
107-2	MOWING	17.58 AC	\$88.25	\$1,551.44
Shoulder Component Total				\$821,272.20

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	40.00
Performance Turf Width	17.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
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520-1-7	CONCRETE CURB & GUTTER, TYPE E	7,293.79 LF	\$55.42	\$404,221.84
570-1-1	PERFORMANCE TURF	6,888.58 SY	\$4.74	\$32,651.87
Median Component Total				\$436,873.71

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	25.00 EA	\$9,895.88	\$247,397.00
425-1-451	INLETS, CURB, TYPE J-5, <10'	7.00 EA	\$14,616.72	\$102,317.04
425-1-521	INLETS, DT BOT, TYPE C, <10'	4.00 EA	\$7,787.64	\$31,150.56
425-2-41	MANHOLES, P-7, <10'	4.00 EA	\$8,770.84	\$35,083.36
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	1,832.00 LF	\$226.68	\$415,277.76
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	168.00 LF	\$345.31	\$58,012.08
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	3,456.00 LF	\$468.82	\$1,620,241.92
570-1-1	PERFORMANCE TURF	209.97 SY	\$4.74	\$995.26
Drainage Component Total				\$2,510,474.98

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	17.00 EA	\$565.92	\$9,620.64
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	2.00 EA	\$1,973.48	\$3,946.96
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	2.00 EA	\$10,274.73	\$20,549.46
700-2-116	MULTI- COLUMN SIGN, F&I GM, 100.1-200 SF	2.00 EA	\$17,767.92	\$35,535.84
Signing Component Total				\$69,652.90

LIGHTING COMPONENT**Conventional Lighting Subcomponent****Description**

Spacing

Value

MIN

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	3,646.90 LF	\$23.35	\$85,155.12
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	723.85 LF	\$40.59	\$29,381.07
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	25.00 EA	\$1,702.57	\$42,564.25
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	13,319.46 LF	\$4.75	\$63,267.44
715-61-342	LIGHT POLE CMPLT,STD,F&I, 40'MH,12'ARM L	25.00 EA	\$10,618.85	\$265,471.25
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	25.00 EA	\$930.31	\$23,257.75
Subcomponent Total				\$509,096.87

Lighting Component Total	\$509,096.88
Sequence 26 Total	\$11,363,234.71

DRAFT

Sequence: 27 NDR - New Construction, Divided, Rural**Net Length:** 3.037 MI
16,036 LF**Description:** Central Polk Parkway - 4-lane with Walls and Bridges; 286 ft Clearing and Grubbing**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	143.00 / 143.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.242
Top of Structural Course For Begin Section	110.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %
Alignment Number	2
Distance	1.105
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %
Alignment Number	3
Distance	0.465
Top of Structural Course For Begin Section	108.00
Top of Structural Course For End Section	106.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %
Alignment Number	4
Distance	0.125
Top of Structural Course For Begin Section	125.00
Top of Structural Course For End Section	137.50
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %
Alignment Number	5
Distance	0.153

Top of Structural Course For Begin Section	137.50
Top of Structural Course For End Section	121.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Alignment Number	6
Distance	0.138
Top of Structural Course For Begin Section	121.00
Top of Structural Course For End Section	107.50
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Alignment Number	7
Distance	0.207
Top of Structural Course For Begin Section	107.50
Top of Structural Course For End Section	107.50
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Alignment Number	8
Distance	0.201
Top of Structural Course For Begin Section	107.50
Top of Structural Course For End Section	127.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Alignment Number	9
Distance	0.110
Top of Structural Course For Begin Section	127.00
Top of Structural Course For End Section	133.50
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Alignment Number	10
Distance	0.110
Top of Structural Course For Begin Section	133.00

Top of Structural Course For End Section	128.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Alignment Number	11
Distance	0.075
Top of Structural Course For Begin Section	128.00
Top of Structural Course For End Section	114.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Alignment Number	12
Distance	0.109
Top of Structural Course For Begin Section	114.00
Top of Structural Course For End Section	107.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	105.28	AC	\$73,595.46	\$7,748,130.03
120-6	EMBANKMENT	1,622,625.85	CY	\$45.00	\$73,018,163.25
Earthwork Component Total					\$80,766,293.28

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	550
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	449,004.86	SY	\$22.88	\$10,273,231.20
285-712	OPTIONAL BASE,BASE GROUP 12	87,876.67	SY	\$67.63	\$5,943,099.19
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	23,519.30	TN	\$183.73	\$4,321,200.99
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	3,420.99	TN	\$260.92	\$892,604.71

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
339-1	MISCELLANEOUS ASPHALT PAVEMENT Comment: Misc. Asph TN = (((guardrail length ft * 9 width)/27)*100 lbs/sy-in))/2000 (12,329*9)/27)*100)/2000 =206 TN	206.00	TN	\$441.84	\$91,019.04
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	1,100.00	LF	\$28.26	\$31,086.00
536-1-3	GUARDRAIL- ROADWAY, DOUBLE FACE	11,229.00	LF	\$39.09	\$438,941.61
536-85-20	GUARDRAIL END TREAT- TRAILING ANCHORAGE	3.00	EA	\$1,762.06	\$5,286.18
536-85-24	GUARDRAIL END TREATMENT- PARA APP TERM	6.00	EA	\$3,589.10	\$21,534.60
536-85-27	GUARDRAIL END TREAT- DOUB FACE APPR TER	2.00	EA	\$11,779.64	\$23,559.28

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	1,230.00	EA	\$4.90	\$6,027.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	24.30	GM	\$1,552.05	\$37,714.82
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	12.15	GM	\$630.05	\$7,655.11

Roadway Component Total

\$22,092,959.73

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	94.00 / 94.00
Total Outside Shoulder Perf. Turf Width L/R	82.00 / 82.00
Paved Outside Shoulder Width L/R	12.00 / 12.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	43,938.33	SY	\$44.09	\$1,937,240.97
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	3,527.90	TN	\$183.73	\$648,181.07
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	1,710.49	TN	\$260.92	\$446,301.05
570-1-1	PERFORMANCE TURF	292,209.51	SY	\$4.74	\$1,385,073.08

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	41,693.31	LF	\$3.38	\$140,923.39
104-11	FLOATING TURBIDITY BARRIER	759.28	LF	\$17.64	\$13,393.70
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	759.28	LF	\$9.79	\$7,433.35
104-15	SOIL TRACKING PREVENTION DEVICE	4.00	EA	\$4,021.14	\$16,084.56
104-18	INLET PROTECTION SYSTEM	19.00	EA	\$191.69	\$3,642.11
107-1	LITTER REMOVAL	73.62	AC	\$58.61	\$4,314.87
107-2	MOWING	73.62	AC	\$88.25	\$6,496.96
Shoulder Component Total					\$4,609,085.12

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	50.00
Performance Turf Width	5.34
Total Median Shoulder Width L/R	8.00 / 8.00
Paved Median Shoulder Width L/R	4.00 / 4.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE, BASE GROUP 04	15,430.09	SY	\$44.09	\$680,312.67
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,175.97	TN	\$192.88	\$226,821.09
337-7-25	ASPH CONC FC, INC BIT, FC-5, PG76-22	570.16	TN	\$260.92	\$148,766.15
570-1-1	PERFORMANCE TURF	9,514.63	SY	\$4.74	\$45,099.35
Median Component Total					\$1,100,999.26

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-551	INLETS, DT BOT, TYPE E, <10'	19.00	EA	\$9,113.24	\$173,151.56
430-174-124	PIPE CULV, OPT MATL, ROUND, 24" SD	2,432.00	LF	\$224.76	\$546,616.32
430-175-124	PIPE CULV, OPT MATL, ROUND, 24" S/CD	1,048.00	LF	\$226.68	\$237,560.64
430-175-136	PIPE CULV, OPT MATL, ROUND, 36" S/CD	904.00	LF	\$345.31	\$312,160.24
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	122.00	EA	\$3,791.10	\$462,514.20
524-1-1	CONCRETE DITCH PAVT, NR, 3"	6,074.20	SY	\$112.25	\$681,828.95
570-1-1	PERFORMANCE TURF	2,138.12	SY	\$4.74	\$10,134.69

Drainage Component Total

\$2,423,966.60

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	7.00	EA	\$565.92	\$3,961.44
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	73.00	EA	\$1,973.48	\$144,064.04
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	7.00	EA	\$7,710.27	\$53,971.89
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	19.00	EA	\$10,274.73	\$195,219.87
Signing Component Total					\$397,217.24

BRIDGES COMPONENT**Bridge 8**

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	689.97
Width (LF)	52.67
Type	Overpass Bridge
Cost Factor	1.18
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$236.00
Final Cost per SF	\$240.01
Basic Bridge Cost	\$8,576,409.90
Description	SB OVER WETLANDS SOUTH OF ERNIE CALDWELL; INCLUDES 3% OVER WATER CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	117.04	CY	\$974.35	\$114,037.92
415-1-9	REINF STEEL- APPROACH SLABS	20,482.00	LB	\$1.54	\$31,542.28
Bridge 8 Total					\$8,721,990.10

Bridge 9

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	689.97
Width (LF)	46.67
Type	Overpass Bridge
Cost Factor	1.18
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$236.00
Final Cost per SF	\$240.01
Basic Bridge Cost	\$7,599,412.38

Description

NB OVER WETLANDS SOUTH OF ERNIE CALDWELL;
INCLUDES 3% OVER WATER CONTINGENCY**Bridge Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	103.71	CY	\$974.35	\$101,049.84
415-1-9	REINF STEEL- APPROACH SLABS	18,149.25	LB	\$1.54	\$27,949.84

Bridge 9 Total

\$7,728,412.07

Bridge 10

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	233.20
Width (LF)	94.00
Type	Overpass Bridge
Cost Factor	1.20
Structure No.	
Removal of Existing Structures area	7,614.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$240.00
Final Cost per SF	\$302.03
Basic Bridge Cost	\$5,260,992.00

Description

ERNIE CALDWELL OVER SB & NB CENTRAL
POLK PARKWAY**Bridge Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	7,614.00	SF	\$83.26	\$633,941.64
400-2-10	CONC CLASS II, APPROACH SLABS	208.89	CY	\$974.35	\$203,531.97
415-1-9	REINF STEEL- APPROACH SLABS	36,555.75	LB	\$1.54	\$56,295.86

Bridge EX-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
1	ACROW BRIDGE	6,111.00	SF	\$180.00	\$1,099,980.00

Comment: ACROW Bridge over Railroad to extend existing Lem Carnes bridge. 43.65 lf x 140 lf, \$150/sf + 20% over traffic contingency

Bridge 10 Total

\$7,254,741.47

Bridge 12

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	1,551.51
Width (LF)	44.67
Type	Overpass Bridge
Cost Factor	1.18
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$236.00
Final Cost per SF	\$237.78

Basic Bridge Cost**\$16,356,204.60**

Description

SB OVER WETLANDS ADJACENT TO RR; INCLUDES 3%
OVER WATER CONTINGENCY**Bridge Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	99.27	CY	\$974.35	\$96,723.72
415-1-9	REINF STEEL- APPROACH SLABS	17,372.25	LB	\$1.54	\$26,753.26

Bridge 12 Total

\$16,479,681.59

Bridge 13**Description****Value**

Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	1,424.53
Width (LF)	44.67
Type	Overpass Bridge
Cost Factor	1.18
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$236.00
Final Cost per SF	\$237.94
Basic Bridge Cost	\$15,017,566.20

Description

NB OVER WETLANDS ADJACENT TO RR; INCLUDES 3%
OVER WATER CONTINGENCY**Bridge Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	99.27	CY	\$974.35	\$96,723.72
415-1-9	REINF STEEL- APPROACH SLABS	17,372.25	LB	\$1.54	\$26,753.26

Bridge 13 Total

\$15,141,043.19

Bridge 14**Description****Value**

Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	1,529.21
Width (LF)	46.67
Type	Overpass Bridge
Cost Factor	1.18
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$236.00
Final Cost per SF	\$237.81
Basic Bridge Cost	\$16,842,902.45

Description

SB OVER WETLANDS NEAR PROVIDENCE ENTRANCE;
INCLUDES 3% OVER WATER CONTINGENCY**Bridge Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	103.71	CY	\$974.35	\$101,049.84

415-1-9	REINF STEEL- APPROACH SLABS	18,149.25 LB	\$1.54	\$27,949.84
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Bridge 14 Total

\$16,971,902.14

Bridge 15**Description****Value**

Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	553.36
Width (LF)	52.67
Type	Overpass Bridge
Cost Factor	1.18
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$236.00
Final Cost per SF	\$240.99
Basic Bridge Cost	\$6,878,331.20

Description

NB OVER WETLANDS NEAR PROVIDENCE ENTRANCE;
INCLUDES 3% OVER WATER CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	117.04	CY	\$974.35	\$114,037.92
415-1-9	REINF STEEL- APPROACH SLABS	20,482.00	LB	\$1.54	\$31,542.28

Bridge 15 Total

\$7,023,911.40

Bridge 16**Description****Value**

Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	553.36
Width (LF)	52.67
Type	Overpass Bridge
Cost Factor	1.98
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$396.00
Final Cost per SF	\$400.99
Basic Bridge Cost	\$11,541,606.60

Description

SB OVER US 17/92 NEAR PROVIDENCE ENTRANCE;
INCLUDES 20% OVER TRAFFIC CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	117.04	CY	\$974.35	\$114,037.92
415-1-9	REINF STEEL- APPROACH SLABS	20,482.00	LB	\$1.54	\$31,542.28

Bridge 16 Total

\$11,687,186.80

Bridge 17**Description****Value**

Estimate Type	SF Estimate
Primary Estimate	YES

Length (LF)	550.86
Width (LF)	56.67
Type	Overpass Bridge
Cost Factor	1.98
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$396.00
Final Cost per SF	\$401.02
Basic Bridge Cost	\$12,362,025.54

Description NB OVER US 17/92 NEAR PROVIDENCE ENTRANCE;
INCLUDES 20% OVER TRAFFIC CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	125.93	CY	\$974.35	\$122,699.90
415-1-9	REINF STEEL- APPROACH SLABS	22,037.75	LB	\$1.54	\$33,938.14
Bridge 17 Total					\$12,518,663.58

Bridge 18

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	202.25
Width (LF)	44.67
Type	Overpass Bridge
Cost Factor	1.62
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$324.00
Final Cost per SF	\$337.67
Basic Bridge Cost	\$2,927,180.43

Description SB OVER RONALD REAGAN; INCLUDES 20% OVER TRAFFIC CONTINGENCY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	99.27	CY	\$974.35	\$96,723.72
415-1-9	REINF STEEL- APPROACH SLABS	17,372.25	LB	\$1.54	\$26,753.26
Bridge 18 Total					\$3,050,657.42

Bridge 19

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	202.25
Width (LF)	46.67
Type	Overpass Bridge
Cost Factor	1.62
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$200.00
Factored Cost per SF	\$324.00

Final Cost per SF**\$337.67****Basic Bridge Cost****\$3,058,238.43**

Description

NB OVER RONALD REAGAN; INCLUDES 20% OVER
TRAFFIC CONTINGENCY**Bridge Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	103.71	CY	\$974.35	\$101,049.84
415-1-9	REINF STEEL- APPROACH SLABS	18,149.25	LB	\$1.54	\$27,949.84
Bridge 19 Total					\$3,187,238.12

Bridge 20**Description****Value**

Estimate Type

SF Estimate

Primary Estimate

YES

Length (LF)

324.55

Width (LF)

46.67

Type

Overpass Bridge

Cost Factor

1.03

Structure No.

Removal of Existing Structures area

0.00

Default Cost per SF

\$200.00

Factored Cost per SF

\$206.00

Final Cost per SF**\$214.52****Basic Bridge Cost****\$3,120,230.19**

Description

SB OVER RESIDENTIAL PONDS NEAR PUBLIX; INCLUDES
3% OVER WATER CONTINGENCY**Bridge Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	103.71	CY	\$974.35	\$101,049.84
415-1-9	REINF STEEL- APPROACH SLABS	18,149.25	LB	\$1.54	\$27,949.84
Bridge 20 Total					\$3,249,229.88

Bridge 21**Description****Value**

Estimate Type

SF Estimate

Primary Estimate

YES

Length (LF)

330.52

Width (LF)

46.67

Type

Overpass Bridge

Cost Factor

1.03

Structure No.

Removal of Existing Structures area

0.00

Default Cost per SF

\$200.00

Factored Cost per SF

\$206.00

Final Cost per SF**\$214.36****Basic Bridge Cost****\$3,177,625.89**

Description

NB OVER RESIDENTIAL PONDS NEAR PUBLIX; INCLUDES
3% OVER WATER CONTINGENCY**Bridge Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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400-2-10	CONC CLASS II, APPROACH SLABS	103.71 CY	\$974.35	\$101,049.84
415-1-9	REINF STEEL- APPROACH SLABS	18,149.25 LB	\$1.54	\$27,949.84
Bridge 21 Total				\$3,306,625.58
Bridges Component Total				\$116,321,283.34

RETAINING WALLS COMPONENT

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
521-8-7	CONC BARRIER, W/JUNCT SL, 36 SS	9,988.00 LF	\$472.11	\$4,715,434.68

Retaining Wall 1

Description	Value
Length	30.00
Begin height	12.00
End Height	10.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	330.00 SF	\$64.09	\$21,149.70

Retaining Wall 2

Description	Value
Length	49.00
Begin height	12.00
End Height	12.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	588.00 SF	\$64.09	\$37,684.92

Retaining Wall 3

Description	Value
Length	85.00
Begin height	12.00
End Height	9.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	892.50 SF	\$64.09	\$57,200.32

Retaining Wall 4

Description	Value
Length	79.00
Begin height	12.00
End Height	7.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	750.50	SF	\$64.09	\$48,099.54

Retaining Wall 5

Description	Value
Length	52.00
Begin height	12.00
End Height	12.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	624.00	SF	\$64.09	\$39,992.16

Retaining Wall 6

Description	Value
Length	30.00
Begin height	12.00
End Height	9.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	315.00	SF	\$64.09	\$20,188.35

Retaining Wall 7

Description	Value
Length	30.00
Begin height	7.00
End Height	7.00
Multiplier	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	840.00	SF	\$64.09	\$53,835.60

Retaining Wall 8

Description	Value
Length	53.00
Begin height	7.00
End Height	7.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	371.00	SF	\$64.09	\$23,777.39

Retaining Wall 9

Description	Value
Length	47.00

Begin height	7.00
End Height	7.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	329.00 SF	\$64.09	\$21,085.61

Retaining Wall 10

Description	Value
Length	30.00
Begin height	7.00
End Height	7.00
Multiplier	4

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	840.00 SF	\$64.09	\$53,835.60

Retaining Wall 11

Description	Value
Length	53.00
Begin height	7.00
End Height	7.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	371.00 SF	\$64.09	\$23,777.39

Retaining Wall 12

Description	Value
Length	47.00
Begin height	7.00
End Height	7.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	329.00 SF	\$64.09	\$21,085.61

Retaining Wall 13

Description	Value
Length	90.00
Begin height	24.50
End Height	24.50
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	2,205.00 SF	\$64.09	\$141,318.45

Retaining Wall 14

Description	Value
Length	30.00
Begin height	11.00
End Height	13.00
Multiplier	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,440.00	SF	\$64.09	\$92,289.60

Retaining Wall 15

Description	Value
Length	47.00
Begin height	13.00
End Height	13.00
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,222.00	SF	\$64.09	\$78,317.98

Retaining Wall 16

Description	Value
Length	30.00
Begin height	10.00
End Height	9.00
Multiplier	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,140.00	SF	\$64.09	\$73,062.60

Retaining Wall 17

Description	Value
Length	47.00
Begin height	10.00
End Height	10.00
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	940.00	SF	\$64.09	\$60,244.60

Retaining Wall 18

Description	Value
Length	30.00
Begin height	7.00
End Height	8.00
Multiplier	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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548-12	RET WALL SYSTEM, PERM, EX BARRIER	900.00 SF	\$64.09	\$57,681.00
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Retaining Wall 19

Description	Value
Length	47.00
Begin height	8.00
End Height	8.00
Multiplier	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	752.00 SF	\$64.09	\$48,195.68

Retaining Wall 20

Description	Value
Length	686.00
Begin height	27.00
End Height	39.50
Multiplier	4

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	91,238.00 SF	\$64.09	\$5,847,443.42

Retaining Wall 21

Description	Value
Length	127.00
Begin height	27.00
End Height	27.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	3,429.00 SF	\$64.09	\$219,764.61

Retaining Wall 22

Description	Value
Length	72.00
Begin height	39.50
End Height	39.50
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	2,844.00 SF	\$64.09	\$182,271.96

Retaining Wall 23

Description	Value
Length	80.00
Begin height	39.50
End Height	39.50
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	3,160.00	SF	\$64.09	\$202,524.40

Retaining Wall 24

Description	Value
Length	777.00
Begin height	39.50
End Height	23.00
Multiplier	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	97,125.00	SF	\$64.09	\$6,224,741.25

Retaining Wall 25

Description	Value
Length	78.00
Begin height	39.50
End Height	39.50
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	6,162.00	SF	\$64.09	\$394,922.58

Retaining Wall 26

Description	Value
Length	580.00
Begin height	29.00
End Height	35.50
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	37,410.00	SF	\$64.09	\$2,397,606.90

Retaining Wall 27

Description	Value
Length	125.00
Begin height	35.50
End Height	35.50
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	4,437.50	SF	\$64.09	\$284,399.38

Retaining Wall 28

Description	Value
Length	580.00

Begin height	35.00
End Height	30.00
Multiplier	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	37,700.00 SF	\$64.09	\$2,416,193.00

Retaining Wall 29

Description	Value
Length	125.00
Begin height	35.00
End Height	35.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	4,375.00 SF	\$64.09	\$280,393.75

Retaining Wall 30

Description	Value
Length	576.00
Begin height	16.00
End Height	9.00
Multiplier	2

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	14,400.00 SF	\$64.09	\$922,896.00

Retaining Wall 31

Description	Value
Length	126.00
Begin height	9.00
End Height	9.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,134.00 SF	\$64.09	\$72,678.06

Retaining Walls Component Total

\$25,134,092.12

Sequence 27 Total

\$252,845,896.69

Sequence: 28NUR - New Construction, Undivided, Rural**Net Length:** 0.588 MI
3,102 LF**Description:** Central Polk Parkway - 12 ft Additional Shoulder for SSD (Pavement and Embankment)
(Averaged length for various locations)**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	12.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.588
Top of Structural Course For Begin Section	100.00
Top of Structural Course For End Section	100.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	0 to 1 / 0 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.86	AC	\$73,595.46	\$63,292.10
120-1	REGULAR EXCAVATION	11,241.10	CY	\$38.04	\$427,611.44

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-6	EMBANKMENT	32,429.00	CY	\$45.00	\$1,459,305.00
	Comment: 10 locations = 5253+7568+1787+1477+9477+4718+206+73+1690+180				

Earthwork Component Total \$1,950,208.54**ROADWAY COMPONENT****User Input Data**

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	12.00 / 0.00
Structural Spread Rate	550
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	8,272.00	SY	\$22.88	\$189,263.36
285-712	OPTIONAL BASE,BASE GROUP 12	4,249.74	SY	\$67.63	\$287,409.92
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	1,137.40	TN	\$183.73	\$208,974.50
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	165.44	TN	\$260.92	\$43,166.60

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2

Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.35 GM	\$1,552.05	\$3,647.32

Roadway Component Total

\$732,461.70

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	6.00 / 6.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Paved Outside Shoulder Width L/R	6.00 / 6.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	4,363.48 SY	\$44.09	\$192,385.83
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	341.22 TN	\$183.73	\$62,692.35
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	165.44 TN	\$208.32	\$34,464.46

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	8,065.20 LF	\$3.38	\$27,260.38
104-11	FLOATING TURBIDITY BARRIER	146.88 LF	\$17.64	\$2,590.96
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	146.88 LF	\$9.79	\$1,437.96
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$4,021.14	\$4,021.14
107-1	LITTER REMOVAL	7.12 AC	\$58.61	\$417.30
107-2	MOWING	7.12 AC	\$88.25	\$628.34

Shoulder Component Total

\$325,898.72

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	472.00 LF	\$224.76	\$106,086.72
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	104.00 LF	\$345.31	\$35,912.24
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	24.00 EA	\$3,791.10	\$90,986.40
570-1-1	PERFORMANCE TURF	413.60 SY	\$4.74	\$1,960.46

Drainage Component Total**\$234,945.82****SIGNING COMPONENT****Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	2.00	EA	\$565.92	\$1,131.84
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	12.00	EA	\$1,973.48	\$23,681.76
700-2-114	MULTI- COLUMN SIGN, F&I GM, 30.1-50 SF	2.00	EA	\$7,710.27	\$15,420.54
Signing Component Total					\$40,234.14

Sequence 28 Total**\$3,283,748.92**

DRAFT

Sequence: 29 MIS - Miscellaneous Construction**Net Length:** 0.002 MI
8 LF**Description:** Wetlands Impacts - Subsoil Excavation & Embankment for Alternative Corridor**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 0.00
Incidental Clearing and Grubbing Area	0.00

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
120-4	SUBSOIL EXCAVATION Comment: 5' w/in EX R/W: Wetland SF = 296,028*5ft/27= 54,820 8' outside EX R/W: Wetland SF =2,219,427*8ft/27 = 657,608 Total = 712,428 CY	712,428.00 CY	\$33.19	\$23,645,485.32
120-6	EMBANKMENT Comment: 5' w/in EX R/W: Wetland SF = 296,028*5ft/27= 54,820 8' outside EX R/W: Wetland SF =2,219,427*8ft/27 = 657,608 Total = 712,428 CY	712,428.00 CY	\$45.00	\$32,059,260.00
Earthwork Component Total				\$55,704,745.32
Sequence 29 Total				\$55,704,745.32

Sequence: 30 MIS - Miscellaneous Construction**Net Length:** 0.000 MI
0 LF**Description:** Additional Drainage (Ponds and Culvert over Horse Creek)**DRAINAGE COMPONENT****X-Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-1	CONC CLASS II, CULVERTS Comment: Culvert over Horse Creek	1,085.79 CY	\$2,223.95	\$2,414,742.67
415-1-1	REINF STEEL- ROADWAY Comment: Culvert over Horse Creek	190,013.25 LB	\$1.62	\$307,821.47

EX-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
1	RETENTION BASIN 100 Comment: 6.41 AC	1.00 EA	\$888,422.00	\$888,422.00
10	RETENTION BASIN 600 Comment: 8.73 AC	1.00 EA	\$1,605,599.00	\$1,605,599.00
11	RETENTION BASIN 700 Comment: 7.33 AC	1.00 EA	\$1,667,747.00	\$1,667,747.00
12	RETENTION BASIN 800A Comment: 1.56 AC	1.00 EA	\$335,740.00	\$335,740.00
13	RETENTION BASIN 800B Comment: 3.84 AC	1.00 EA	\$520,096.00	\$520,096.00
14	RETENTION BASIN 900 Comment: 3.42 AC	1.00 EA	\$620,207.00	\$620,207.00
15	RETENTION BASIN 1000 Comment: 1.47 AC	1.00 EA	\$387,422.00	\$387,422.00
2	RETENTION BASIN 200 Comment: 4.05 AC	1.00 EA	\$676,399.00	\$676,399.00
3	RETENTION BASIN 300 Comment: 2.78 AC	1.00 EA	\$460,381.00	\$460,381.00
4	RETENTION BASIN 350A Comment: 2.54 AC	1.00 EA	\$434,017.00	\$434,017.00
5	RETENTION BASIN 350B Comment: 3.96 AC	1.00 EA	\$541,206.00	\$541,206.00
6	RETENTION BASIN 400A Comment: 3.05 AC	1.00 EA	\$564,964.00	\$564,964.00
7	RETENTION BASIN 400B Comment: 3.36 AC	1.00 EA	\$539,150.00	\$539,150.00
8	RETENTION BASIN 450 Comment: 1.91 AC	1.00 EA	\$306,600.00	\$306,600.00
9	RETENTION BASIN 500 Comment: 5.48 AC	1.00 EA	\$1,102,485.00	\$1,102,485.00

Drainage Component Total

\$13,372,999.14

Sequence 30 Total

\$13,372,999.14

Sequence: 31 NDU - New Construction, Divided, Urban**Net Length:** 0.095 MI
503 LF**Description:** Side Roads - 2-lane Divided; 12 ft lanes w/traffic separator; Signals (Bargain Barn Road)**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.095
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.29	AC	\$73,595.46	\$21,342.68
120-6	EMBANKMENT	8,591.85	CY	\$45.00	\$386,633.25
Earthwork Component Total					\$407,975.93

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	13.50 / 13.50
Structural Spread Rate	220
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	2,086.54	SY	\$22.88	\$47,740.04
285-709	OPTIONAL BASE,BASE GROUP 09	1,509.55	SY	\$57.53	\$86,844.41
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	166.05	TN	\$192.88	\$32,027.72
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	60.38	TN	\$208.32	\$12,578.36

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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706-1-3	RAISED PAVMT MARK, TYPE B	13.00 EA	\$4.90	\$63.70
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.76 GM	\$1,552.05	\$1,179.56
Roadway Component Total				\$180,433.79

SHOULDER COMPONENT**User Input Data**

Description	Value
Total Outside Shoulder Width L/R	12.25 / 12.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	5.00 / 5.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	503.18 LF	\$57.31	\$28,837.25
520-1-10	CONCRETE CURB & GUTTER, TYPE F	503.18 LF	\$57.31	\$28,837.25
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	559.09 SY	\$85.60	\$47,858.10
570-1-1	PERFORMANCE TURF	559.09 SY	\$4.74	\$2,650.09

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	297.00 LF	\$55.42	\$16,459.74

Erosion Control**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,006.37 LF	\$3.38	\$3,401.53
104-11	FLOATING TURBIDITY BARRIER	23.82 LF	\$17.64	\$420.18
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	23.82 LF	\$9.79	\$233.20
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$4,021.14	\$4,021.14
104-18	INLET PROTECTION SYSTEM	5.00 EA	\$191.69	\$958.45
107-1	LITTER REMOVAL	2.43 AC	\$58.61	\$142.42
107-2	MOWING	2.43 AC	\$88.25	\$214.45

Shoulder Component Total**\$134,033.80****MEDIAN COMPONENT****User Input Data**

Description	Value
Total Median Width	11.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,006.37 LF	\$55.42	\$55,773.03
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	236.00 LF	\$98.47	\$23,238.92

570-1-1	PERFORMANCE TURF	298.56 SY	\$4.74	\$1,415.17
Median Component Total				\$80,427.12

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	4.00 EA	\$9,895.88	\$39,583.52
425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00 EA	\$14,616.72	\$14,616.72
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00 EA	\$7,787.64	\$7,787.64
425-2-41	MANHOLES, P-7, <10'	1.00 EA	\$8,770.84	\$8,770.84
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	256.00 LF	\$226.68	\$58,030.08
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00 LF	\$345.31	\$8,287.44
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	480.00 LF	\$468.82	\$225,033.60
570-1-1	PERFORMANCE TURF	28.97 SY	\$4.74	\$137.32
Drainage Component Total				\$362,247.16

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	3.00 EA	\$565.92	\$1,697.76
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	1.00 EA	\$1,973.48	\$1,973.48
700-2-115	MULTI- COLUMN SIGN, F&I GM, 50.1-100 SF	1.00 EA	\$10,274.73	\$10,274.73
700-2-116	MULTI- COLUMN SIGN, F&I GM, 100.1-200 SF	1.00 EA	\$17,767.92	\$17,767.92
Signing Component Total				\$31,713.89

SIGNALIZATIONS COMPONENT**Signalization 1**

Description	Value
Type	2 Lane Mast Arm
Multiplier	1
Description	Signals for EB Bargain Barn Rd Intersection with US 17-92 (1 lane + Left Turn Lane

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F&I, OPEN TRENCH	800.00 LF	\$23.35	\$18,680.00
630-2-12	CONDUIT, F&I, DIRECTIONAL BORE	200.00 LF	\$40.59	\$8,118.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	\$11,826.91	\$11,826.91
633-3-11	FIBER OPTIC CONN HDWR, SPLICE ENCLOSURE	2.00 EA	\$1,503.23	\$3,006.46
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00 EA	\$1,702.57	\$20,430.84

639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	\$6,030.57	\$6,030.57
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	\$10.81	\$648.60
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	4.00 EA	\$103,435.87	\$413,743.48
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00 AS	\$1,884.91	\$15,079.28
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	\$1,110.23	\$8,881.84
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00 EA	\$649.33	\$5,194.64
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00 AS	\$2,002.12	\$16,016.96
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	\$445.78	\$3,566.24
670-5-166	TRAF CNTL ASS,F&I,NEMA,STD LOCK,RISER,1P	1.00 AS	\$35,273.95	\$35,273.95
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	\$303.79	\$1,215.16
Signalizations Component Total				\$567,712.93

LIGHTING COMPONENT**Conventional Lighting Subcomponent**

Description				Value
Spacing				MIN
Pay Items				
Pay item	Description	Quantity	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	503.18 LF	\$23.35	\$11,749.25
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	99.87 LF	\$40.59	\$4,053.72
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	4.00 EA	\$1,702.57	\$6,810.28
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	1,837.77 LF	\$4.75	\$8,729.41
715-61-342	LIGHT POLE CMPLT,STD,F&I, 40'MH,12'ARM L	4.00 EA	\$10,618.85	\$42,475.40
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	4.00 EA	\$930.31	\$3,721.24
Subcomponent Total				\$77,539.30
Lighting Component Total				\$77,539.30

Sequence 31 Total	\$1,842,083.92
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Sequence: 32 MIS - Miscellaneous Construction**Net Length:** 0.000 MI
0 LF**Description:** Sign and Pavt Markings, ITS, LIGHTING**ROADWAY COMPONENT****X-Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
546-72-1	GROUND-IN RUMBLE STRIPS, 16"	6.00	GM	\$2,531.60	\$15,189.60
546-72-3	GROUND-IN RUMBLE STRIPS, 8" SIN	1.00	GM	\$2,274.06	\$2,274.06
701-17-101	PROFILED THERMOPLAST,STD, WHITE,SOLID,6"	3.50	GM	\$11,744.54	\$41,105.89
701-17-201	PROFILED THERMOPLAST,STD, YELLO,SOLID,6"	3.50	GM	\$10,846.81	\$37,963.84
706-1-3	RAISED PAVMT MARK, TYPE B	5,000.00	EA	\$4.90	\$24,500.00
710-12-290	PAINTED PAVT MARK,DUR,YELLOW,ISLAND NOSE	450.00	SF	\$5.13	\$2,308.50
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	1.00	LS	\$21,270.56	\$21,270.56
711-11-103	THERMOPLASTIC, STD, WHITE, SOLID, 12"	0.25	GM	\$12,442.84	\$3,110.71
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	1,410.00	LF	\$4.01	\$5,654.10
711-11-124	THERMOPLASTIC, STD, WHITE, SOLID, 18"	1,550.00	LF	\$5.64	\$8,742.00
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	950.00	LF	\$7.62	\$7,239.00
711-11-141	THERMOPLASTIC, STD, WHITE, DOT GUIDE, 6"	0.10	GM	\$2,812.19	\$281.22
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	40.00	EA	\$193.88	\$7,755.20
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	110.00	EA	\$91.74	\$10,091.40
711-11-224	THERMOPLASTIC, STD, YELLOW, SOLID, 18"	2,200.00	LF	\$5.48	\$12,056.00
711-11-241	THERMOPLASTIC,STD,YELLOW,DOT / GUIDE, 6"	1.00	GM	\$2,874.05	\$2,874.05
711-14-125	THERMOPLASTIC, PREFORM, WHITE, SOLID,24"	1,200.00	LF	\$18.30	\$21,960.00
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	24.00	EA	\$257.12	\$6,170.88
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	24.00	EA	\$148.73	\$3,569.52
711-14-660	THERMOPLASTIC, PREFORMED, MULTI, ROUTE S	20.00	EA	\$2,837.97	\$56,759.40
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	17.25	GM	\$6,825.44	\$117,738.84
711-15-102	THERMOPLASTIC, STD-OP, WHITE, SOLID, 8"	0.78	GM	\$8,830.22	\$6,887.57
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	28.00	GM	\$2,166.16	\$60,652.48
711-15-133	THERMOPLASTIC, STD-OP, WHITE, SKIP, 12"	0.50	GM	\$4,510.74	\$2,255.37
711-15-201	THERMOPLASTIC, STD-OP,YELLOW, SOLID, 6"	18.00	GM	\$6,676.98	\$120,185.64
713-103-181	PERM TAPE, WHITE,10-30 SKIP,6", FOR CONC	3.50	GM	\$12,679.93	\$44,379.76
713-103-381	PERM TAPE, BLACK,10-30 SKIP,6", FOR CONC	3.50	GM	\$12,237.97	\$42,832.90

Roadway Component Total**\$685,808.49**

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-111	SINGLE COL GRND SIGN AS, F&I GM, <12 SF	33.00	EA	\$565.92	\$18,675.36
700-1-112	SINGLE COL GRND SIGN AS, F&I GM, 12-20	8.00	EA	\$1,973.48	\$15,787.84
700-1-600	SINGLE COL GRND SIGN AS, REMOVE	30.00	EA	\$51.83	\$1,554.90
700-2-116	MULTI- COLUMN SIGN, F&I GM, 100.1-200 SF	9.00	EA	\$17,767.92	\$159,911.28
700-3-211	SIGN PANEL, F&I OM, 601 SF AND GREATER	3.00	EA	\$31,818.46	\$95,455.38
700-4-114	OH STATIC SIGN STR, F&I, C 41-50 FT	9.00	EA	\$151,585.10	\$1,364,265.90

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-113	SINGLE COL GRND SIGN AS, F&I GM, 20.1-30	8.00	EA	\$2,505.49	\$20,043.92
700-1-312	SNGL GRND SIGN AS, F&I B SIDE, 12-20 SF	20.00	EA	\$3,894.12	\$77,882.40
700-2-113	MULTI- COLUMN SIGN, F&I GM, 20.1-30 SF	16.00	EA	\$6,848.53	\$109,576.48
700-3-203	SIGN PANEL, F&I OM, 21-30 SF	15.00	EA	\$1,933.01	\$28,995.15
700-3-205	SIGN PANEL, F&I OM, 51-100 SF	4.00	EA	\$4,868.49	\$19,473.96
700-3-206	SIGN PANEL, F&I OM, 101-200 SF	11.00	EA	\$7,717.59	\$84,893.49
700-3-207	SIGN PANEL, F&I OM, 201-300 SF	9.00	EA	\$10,763.95	\$96,875.55
700-3-208	SIGN PANEL, F&I OM, 301-400 SF	4.00	EA	\$14,633.90	\$58,535.60
700-4-126	OH STATIC SIGN STR, F&I, S 101-150 FT	4.00	EA	\$297,593.74	\$1,190,374.96
700-4-127	OH STATIC SIGN STR, F&I, S 151-200 FT	3.00	EA	\$403,701.33	\$1,211,103.99
700-8-136	FRONT ACC DYN MESS SIGN, F&I, FULL, 101-	4.00	EA	\$118,202.96	\$472,811.84
700-10-115	DMS SUPPORT STRUCTURE, SPAN, 51-100 FT	2.00	EA	\$281,837.03	\$563,674.06
700-10-124	DMS SUPPORT STRUCTURE, CANT, 41-50 FT	2.00	EA	\$179,884.83	\$359,769.66
700-13-15	RETROREFLECTIVE SIGN STRIP- F&I, 5'	12.00	EA	\$110.85	\$1,330.20
700-141-141	EHSA, AC, GROUND MT, HIGHLIGHTED<12, <12SF	8.00	EA	\$7,565.78	\$60,526.24
705-11-2	DELINEATOR, NON-FLEXIBLE	125.00	EA	\$108.39	\$13,548.75

Signing Component Total

\$6,025,066.91

SIGNALIZATIONS COMPONENT**Signalization 1****Description**

Type

Multiplier

Description

Value

Miscellaneous

1

Miscellaneous

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
611-1-1	ITSFM SUBSURFACE DOCUMENTATION- PROJ LEN	8.00	MI	\$3,541.59	\$28,332.72
611-2-2	ITSFM LOCATION DOCUMENTATION- ITS SITE	22.00	EA	\$1,993.61	\$43,859.42
641-2-12	PREST CNC POLE,F&I,TYP P-II SRV POLE	9.00	EA	\$2,687.28	\$24,185.52
641-3-163	CONCRETE CCTV POLE, FUR & INS W/LOW	16.00	EA	\$39,650.25	\$634,404.00
660-7-21	VEH DET SYS- WRONG WAY FOR EXIT, 1-2, AC	2.00	EA	\$66,341.32	\$132,682.64
676-2-122	ITS CABINET- F&I, POLE, 336S	16.00	EA	\$9,798.98	\$156,783.68
676-2-143	ITS CABINET- F&I, BASE, 334	2.00	EA	\$13,876.49	\$27,752.98
682-1-173	ITS CCTV CAMERA, F&I, NON-PRES, IP, HD	17.00	EA	\$8,396.31	\$142,737.27
685-1-12	UPS, F&I, ONLINE DOUBLE CONVERSION	18.00	EA	\$7,781.80	\$140,072.40
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, F&I	18.00	EA	\$1,285.47	\$23,138.46
Signalizations Component Total					\$1,353,949.09

INTELLIGENT TRAFFIC SYSTEM (ITS) COMPONENT

Description of Work

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	46,200.00	LF	\$23.35	\$1,078,770.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	6,300.00	LF	\$40.59	\$255,717.00
630-2-14	CONDUIT, F& I, ABOVEGROUND	1,000.00	LF	\$48.48	\$48,480.00
633-1-121	FIBER OPTIC CABLE, F&I, UG,2-12	3,100.00	LF	\$4.85	\$15,035.00
633-1-124	FIBER OPTIC CABLE, F&I, UG,97-144	64,400.00	LF	\$5.84	\$376,096.00
633-2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	432.00	EA	\$59.59	\$25,742.88
633-3-11	FIBER OPTIC CONN HDWR, SPLICE ENCLOSURE	18.00	EA	\$1,503.23	\$27,058.14
633-3-12	FIBER OPTIC CONN HDWR, SPLICE TRAY	52.00	EA	\$70.93	\$3,688.36
633-3-15	FIBER OPTIC CONN HDWR, PRETERM PATCH PAN	18.00	EA	\$2,431.49	\$43,766.82
633-3-17	FIBER OPTIC CONN HDWR, CONNECTOR PANEL	36.00	EA	\$144.99	\$5,219.64
633-8-11	MULTI-CONDUCTOR COMM CABLE, F&I, CAT 6	400.00	LF	\$6.16	\$2,464.00
633-8-12	MULTI-CONDUCTOR COMM CABLE, F&I, COMP	300.00	LF	\$7.83	\$2,349.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	124.00	EA	\$1,702.57	\$211,118.68
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36"	56.00	EA	\$3,170.07	\$177,523.92
635-4-11	FO SPLICE VAULT, F&I, 54" X 54" X 48"	17.00	EA	\$13,899.38	\$236,289.46
639-1-122	ELECTRICAL POWER SRV,F&I, UG,PUR CONT	3.00	AS	\$5,815.24	\$17,445.72
639-2-1	ELECTRICAL SERVICE WIRE, F&I	3,300.00	LF	\$10.81	\$35,673.00
639-3-11	ELEC SERV DISCON, F&I, POLE MNT	22.00	EA	\$2,450.54	\$53,911.88
639-6-111	ELEC POWER SERV-TRANSF, F&I, <5KVA, 1P,CU	18.00	EA	\$3,116.68	\$56,100.24

684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	18.00 EA	\$5,390.50	\$97,029.00
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	Intelligent Traffic System (ITS) Component Total			\$2,769,478.74
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LIGHTING COMPONENT**X-Items**

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	95,000.00 LF	\$23.35	\$2,218,250.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	2,000.00 LF	\$40.59	\$81,180.00
630-2-15	CONDUIT, F& I, BRIDGE MOUNT	17,000.00 LF	\$55.55	\$944,350.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	569.00 EA	\$1,702.57	\$968,762.33
635-3-13	JUNCTION BOX, FURNISH & INSTALL, EMBED	105.00 EA	\$1,028.50	\$107,992.50
715-1-12	LIGHTING CONDUCTORS, F&I, INSUL,NO.8-6	350,741.00 LF	\$3.26	\$1,143,415.66
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	38,972.00 LF	\$4.75	\$185,117.00
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	4.00 EA	\$22,096.43	\$88,385.72
715-11-125	LUMINAIRE,F&I,UNDER DECK, WALL MOUNT	4.00 EA	\$1,633.43	\$6,533.72
715-61-200	LIGHT POLE CMPLT,STD,F&I, 35'MH, 0'ARM L	40.00 EA	\$9,088.67	\$363,546.80
715-61-300	LIGHT POLE CMPLT,STD,F&I, 40'MH, 0'ARM L	600.00 EA	\$9,437.50	\$5,662,500.00
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	640.00 EA	\$930.31	\$595,398.40
715-500-3	POLE CABLE DISTRIBUTION SYS, WALL MOUNT	4.00 EA	\$807.99	\$3,231.96
Lighting Component Total				\$12,368,664.09

Sequence 32 Total				\$23,202,967.32
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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 451419-1-22-01**Letting Date:** 01/2099**Description:** PD&E CENTRAL POLK PARKWAY EAST FROM US17/92 TO SR538**District:** 08**County:** 16 POLK**Market Area:** 08**Units:** English**Contract Class:** 3 Lump Sum Project: N**Design/Build:** N**Project Length:** 1.000 MI**Project Manager:** HEYWOOD**Version 6 Project Grand Total****\$875,940,127.70**

Description: Central Park Parkway East - Preferred Alternative (Alt 401) - New Alignment adjacent to US 17/92
(2025-10-17)

Project Sequences Subtotal		\$723,793,493.96
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102-1	Maintenance of Traffic	10.00 %	\$72,379,349.40
101-1	Mobilization	10.00 %	\$79,617,284.34

Project Sequences Total		\$875,790,127.70
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Project Unknowns		0.00 %	\$0.00
Design/Build		0.00 %	\$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	\$150,000.00	\$150,000.00

Project Non-Bid Subtotal		\$150,000.00
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Version 6 Project Grand Total		\$875,940,127.70
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