



# RANGE OF ALTERNATIVES - PURPLE ALTERNATIVE





301/ US 301 Project Development

## DESCRIPTION OF THE PURPLE ALTERNATIVE











## **Project Team Recommendation**

- **☑** RETAIN for Detailed Evaluation
- □ DROP from Further Consideration
- Moderate Engineering Issues
- Moderate Environmental Impacts
- Public and Resource Agency Support

## **ENGINEERING - TRAFFIC & SAFETY CONSIDERATIONS**

- Lower construction cost (moderate length, lower number of overpasses and lower number of interchanges)
- Mid-range number of properties impacted
- Mid-range impact on existing communities (within 600 feet) 4
- Improves safety by separating local from through traffic

### Disadvantages

- Potential impact on proposed new high school, west of Middletown, and Cedar Lane Elementary School
- Not possible to lower roadway profile, due to overpasses of Boyds Corner Road (2) and Shallcross Lake Road, therefore, difficult to mitigate indirect impacts (noise, visual, etc.) on adjacent land uses

## Comparison of the Range of Alternatives - Engineering

	Alternative				Renth Option	Emula Cycles	Aborth Option	East Option			
Senend Commissions											
Praintnery Cost (Costillans)	0	DHE	par.	8107	\$404	pan	DG		1074	ELO.	DANK
Sight of Way Association Europe		Hyp	44	Mil Range	Mri Flança	Mri Flange	Mit Plange	Militarge	i-	Lee	High
ENGINEERING CONSIDERATIONS											
Trial length of alternative (miles)	8.0	124	143	12.0	16.0	144	13.1	12.6	63	ca ca	17.4
interchange(s)											
Number		3	4	3		4	4	4	2	2	7
( Loudon)c)		New of Waldelman	Wasi of Mobiletown	Wast of Waldelman	Ward of Widdleson	Visual of Middleforum	View of Middletown	Tites of Middletown	Datelna	Datelow	Levels Resell STATE
Type		Split Diamond	Spik Diamond	Danuni	Diamond	Damoni	Diamond	Diamond	Dunyari	Dumpel	Diamond
3 Lossier(n)		North of Mobiletown	North of MiddleSown	North of Middletown	DESIGN of the base of Europe Bridge	North of Middelson	North of Middlebourn	North of Middletown	DS 1, South of Makeletown	ER 1, Easts of Middelson	SR15SF806Choplank Road
Type		Sip Kanya	Dip Farrys	Parisi Circented	Fertal Coverteel	Partial Conselled	Split Diamond	Partial Circuminal	Directional	Directional	Daniel
3 Lossier(n)		SNI at Bayds Corner Road	Jamison Corner Road	ERT at Bopis Corner Found	SPSHC nurth of Summit Aristian	Jamison Corner Road	Janison Comer Road	Jamisons Corner Road			Brennan Boulevarel / Red Con Road
Type		Directional	Diamond	Drestand	Farial Coverlead	Damond	Diamond	Damend			Danuni
d Lossian(s)			SNI North of Sall Plans		Jamison Corner Final	SEL North of Tel Place	ERI North of Sel Plane	SET North of Tell Plants			Parker Rosal
Type			Directional		Diamond	Directional	Orestand	Directional			Diamond
E Loueinn(n)					ERI North of Toll Plans						UE 40
Type					Directional						Diamond (1 Loop)
4 Loudon(s)											Old Ballimore Piles
Type											Daniel
7 Loudinn(n)											146
Type											Seni Cirectonal
Overpunn(m)											
Number				6	7				4		
Constraint)		Middelman Business & Technology Park	Moldetown Business & Technology Park	States Hill Float	Sorter Hillians	Burker Hill Flows	States Hillians	Burker HE Road	Levels Final	Stealery Lane	Surter Hil Float
2 Location(s)		Surker Hill Forest	Burker HE Road	Sohemia Will Food	Solvenia IIII Final	Enhanta Mil Road	Bahama Mil Food	Bohamia Mil Floral	Green Glard Float	Levels/Road	Bohamia Mil Road   Mari Pil Road
3 Location(s)		Desai Desi	Broad Eirest	24.000	Chil School House Road	Chil School House Road	SPANE	State	Wages Mil Read	Green Clark Road	Old School Floure Road
#Loudon(s)		Mari Phi Rosal	Mari Pi Food	Jamisson Corner Road	Churchtown Road	Charakteen Food	Hyelis Corner Food	Hysris Corner Road	North Engles Rained	Califord Comer Road	Chumitisan Road
ELouise(s)		Entering LIS 201	Ownition Real	25.000	Norbib Southern Fairnasi	US 301 Local			Dummi Shiripe Finani	Nortols-Southern Entreed	Chanapasta and Delaware Canal
ELouise(s)		Norlals Southern Rainseal	DOM	Disloves Late Read	Falledge Total	North Southern Rainwall			Money Road	Dealer Corner Floral	Cheruspeulas City Road
7 Location(s)		EFANG	Notab Engham Raincad		Hyeli's Corner Road	Reletje final				Entropi Spor	Davey Road / Hossel Exhaul Float
# Location(s)		Jaminon Corner Hosel	Ratiniga Found			Hysil's Const Read				Surreit Bridge Float	Corporate Blod
#Loudon(s)		EFANG	Hyelis Comer Road								Four Snawes Play / Old Comban Shidge Found
Windows											
Note 1. Performany results de mel ministe digit al resp respection.											

## **CULTURAL & ENVIRONMENTAL RESOURCES**

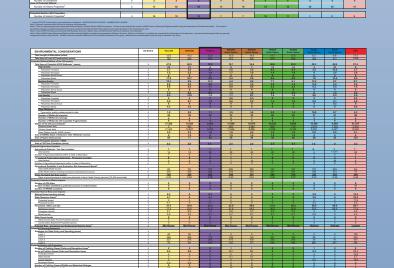
### **Advantages**

- Lower Wetland impacts 18.5 acres
- Mid-range Waters of the US impacts 9,503 LF
- No DNREC Tidal Wetland impacts
- Lower Floodplain impacts 0.3 acres
- Lower Forestland impacts 33.2 acres

Higher Agricultural District impacts - 28 acres

Note: Detailed evaluation is continuing to identify cultural resources and assess potential effects

## Comparison of the Range of Alternatives - Cultural & Natural Resources



## **PUBLIC COMMENTS ON PURPLE ALTERNATIVE**

Public comments received by the comment period ending July 22, 2005 (156 Retain / 72 Drop)

- Does not cut town of Middletown in half
- Less expensive, short, less maintenance cost
- Less environmental impacts
- Will not impact Summit Airport
- Less impact on existing houses affects proposed development

- Concern that alternative will divide the proposed Bayberry development in two, impact the Cedar Lane Elementary School and take the New Covenant Church
- Concern that flyover ramp tie to SR1 at Boyds Corner Road will create impact to Grande View Farms –(noise, visual, etc.) Difficult to mitigate impacts



Public Comments (as of July 22, 2005) on the potential Range of Alternatives presented at Public Workshops - June 20 & 21, 2005

