

TOWN OF RIDGEFIELD
Office of the Town Engineer

CT Surface Transportation Block Grant Program
Transportation Alternatives Set-Aside (TAP)

BRANCHVILLE TOD INFRASTRUCTURE
IMPROVEMENTS, PHASE 1

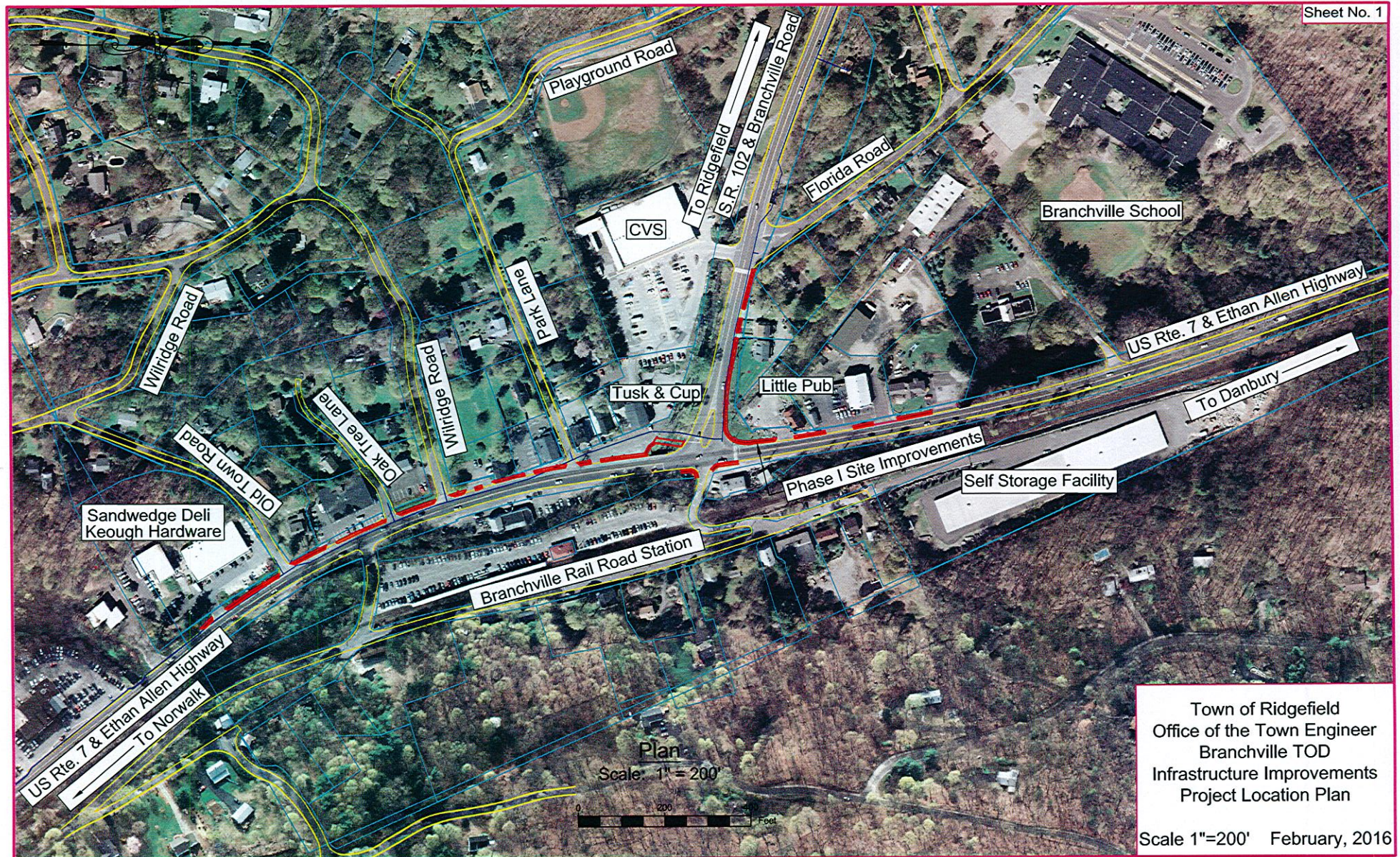
December, 2016

State of Connecticut Department of Transportation
Through the Western Council of Governments



RUDY MARCONI
FIRST SELECTMAN

CHARLES R. FISHER, P.E., L.S.
TOWN ENGINEER





Branchville Rd (Route 102)

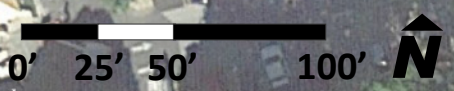
Depot Rd

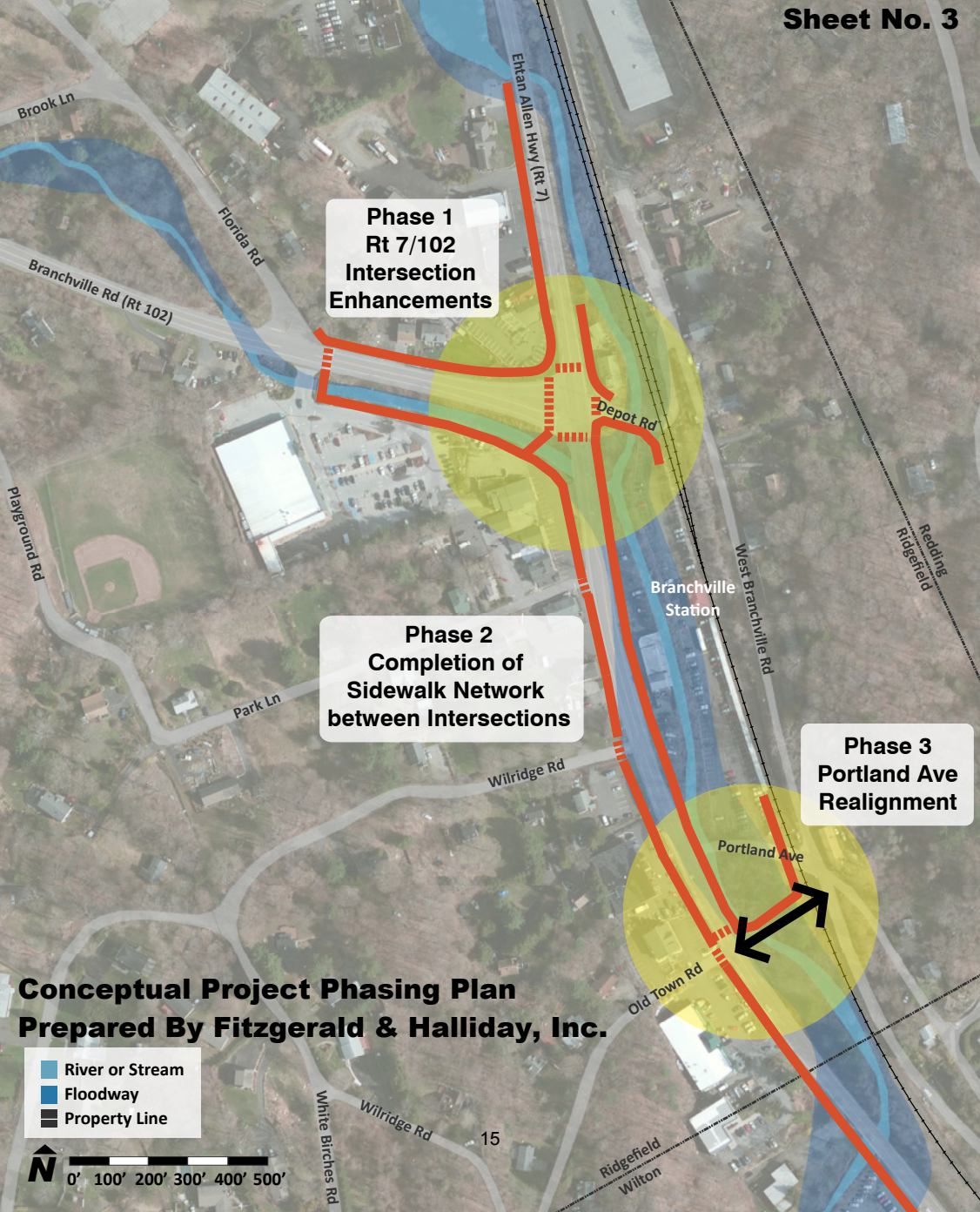
West Branchville Rd

Ethan Allen Hwy (Rt 7)

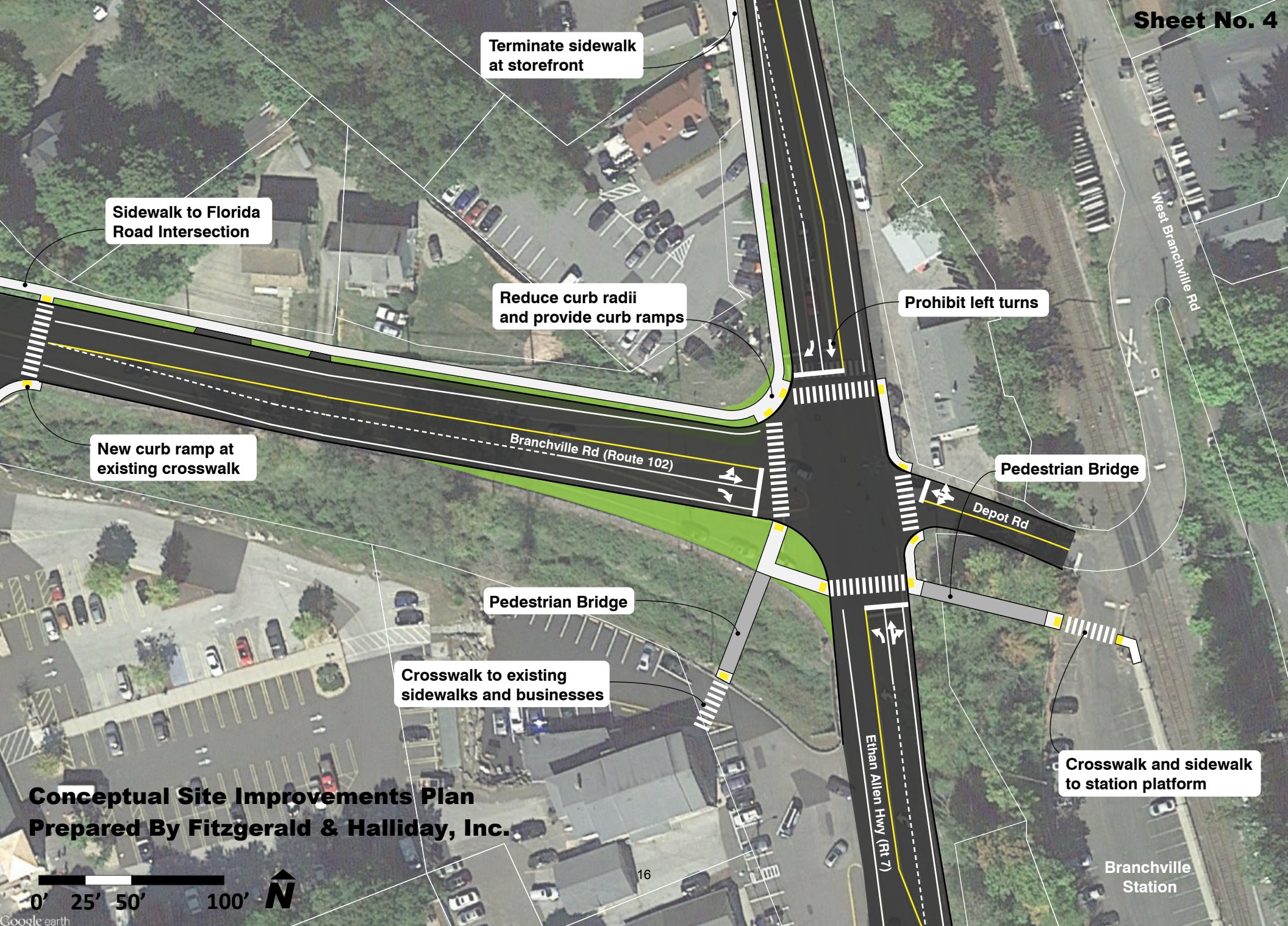
Branchville Station

Existing Conditions Plan
Prepared By Fitzgerald & Halliday, Inc.





Conceptual Project Phasing Plan
Prepared By Fitzgerald & Halliday, Inc.



Terminate sidewalk
at storefront

Sidewalk to Florida
Road Intersection

Reduce curb radii
and provide curb ramps

Prohibit left turns

New curb ramp at
existing crosswalk

Pedestrian Bridge


Pedestrian Bridge

Crosswalk to existing
sidewalks and businesses

Crosswalk and sidewalk
to station platform

Branchville
Station

Conceptual Site Improvements Plan
Prepared By Fitzgerald & Halliday, Inc.

0' 25' 50' 100' 



Pedestrian bridge

Close curb cut

Marked crosswalks at roadway intersections

Branchville Station

New concrete sidewalk and curb between Route 102 and Town line

Pedestrian scaled lighting on property side of sidewalk throughout corridor

Wilridge Rd

Oak Tree Ln

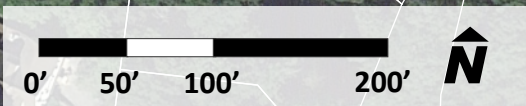
Portland Ave

New curb ramps at existing sidewalk

Old Town Rd

Terminate sidewalk at Town line

Conceptual Site Improvements Plan
Prepared By Fitzgerald & Halliday, Inc.





Branchville looking North along Route 7



Branchville looking West at the Route 7/Route 102 Intersection



Pedestrian Bridge Architectural Treatment



Typical Sidewalk Installation



Decorative Street Lighting

Ridgefield - Branchville TOD Infrastructure Improvements

WestCOG

ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS				
Earth Excavation	C.Y.			
Rock Excavation	C.Y.			
Trench Excavation	C.Y.			
Rock in Trench Excavation	C.Y.			
Formation of Subgrade	S.Y.			
Processed Aggregate Base	C.Y.			
Bituminous Concrete	Ton			
Sedimentation Control System	L.F.	1000	\$5.00	\$5,000
Stone Dust	CF			
Drainage Structures	EA			
Drainage Pipe (TYPE)	L.F.			
Rip Rap	C.Y.			
Curbing (Concrete)	L.F.	1750	\$21.00	\$36,750
Curbing (BCLC)	L.F.			
Guide Rail (RB 350)	L.F.			
Guiderail Anchors	EA.			
RB 350 Bridge attachment	EA			
Concrete Sidewalk	S.F.	8750	\$14.00	\$122,500
Bituminous Concrete Driveway (TYPE)	S.Y.	150	\$39.00	\$5,850
Furnishing and Placing Topsoil	S.Y.	580	\$6.00	\$3,480
Turf Establishment	S.Y.	580	\$1.50	\$870
Construction Field Office	MO.	6	\$2,500.00	\$15,000
Curb Ramps	SF	1500	\$15.00	\$22,500
Detectable Warning Strips	EA	30	\$150.00	\$4,500
STRUCTURE ITEMS				
Cooper Pond Brk. Ped Bridge*	LS	1	\$100,000.00	\$100,000
Norwalk River Ped Bridge*	LS	1	\$100,000.00	\$100,000
* 5' wide clear for pedestrians only	SF			
	SF			
	LS			
	LS			
TRAFFIC ITEMS				
Trafficmen - Police	HR.	1000	\$75.00	\$75,000
Trafficmen - Flagger	HR.	250	\$55.00	\$13,750
Traffic Signal	EA	1	\$60,000.00	\$60,000
Pavement Markings	L.F.			
Pavement Markings	S.F.			
Signs	S.F.			
OTHER ITEMS				
Decorative Lights	EA	19	7,500.00	\$142,500
			SUBTOTAL	\$707,700
			Minor Items (25%)	\$176,930
			Clearing and Grubbing (2%)	\$14,150
			M&P of Traffic (3%)	\$21,230
			Mobilization (6.5%)	\$46,000
			Construction Staking (1%)	\$7,080
			SUBTOTAL	\$973,090
			Incidentals (25%)	\$243,270
			Contingencies (25%)	\$243,270
			Inflation (5% annually 3 years)	\$218,945
			SUB-TOTAL	\$1,678,575
			CENG	\$370,975
			TOTAL	\$2,049,550
			Federal 80%	\$1,639,640
			Local 20%	\$409,910