



MULTIMODAL TRANSPORTATION PROGRAM PROJECT APPLICATION

Transportation Project Sponsors

1. Project Sponsor (must be a public agency)–REQUIRED

Organization Name:	City of Canby		
Contact Person Name:	Matilda Deas, AICP	Title:	Senior Planner
Street Address:	111 NW 2nd Avenue	Phone:	(503) 266-7001
City, State Zip:	Canby, Oregon 97013		
E-mail:	deasm@ci.canby.or.us		

2. Co-Sponsor(s)

List the organization names for any Co-Sponsors of this project:

Transportation Project Information

3. Project Name–REQUIRED

Project Name:

4. Project Budget Summary - This table will automatically fill in.

	Project Funds	% of Project Costs
Total Costs	\$890,000	
Non-Eligible Costs		
Total Transportation Project Cost	\$890,000	100%
Matching Funds	\$178,000	20%
Requested Funds	\$712,000	80%

5. Provide a brief summary of the project (max 800 characters)–REQUIRED:

The proposed project includes roadway and pedestrian improvements to provide an accessible route on NE 10th Avenue from N Pine Street to N Ivy Street. NE 10th Avenue is designated a neighborhood route in Canby's Transportation System Plan, and a safe route to school for students attending Knight Elementary. NE 10th also provides access to the back entrance of the Clackamas County Fair and Events Center. Currently there are no sidewalks, ADA ramps or storm water facility on this section of NE 10th Avenue.



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6. Is this project a continuation of a previous Statewide Transportation Improvement Program (STIP) Project?

- Yes No

If yes, describe the status of the previous STIP project.

7. Does this project complement or enhance an existing or planned STIP project? For example, does it provide a more complete solution for an existing project or is it intended to work with another planned project, including a "Fix-It" STIP project?

- Yes No

If yes, describe the relationship of this proposed project to the other, including planned timing of both projects.

8. Project Problem Statement–REQUIRED

Provide a paragraph explaining the problem or transportation need the project will address:

Within the project area, NE 10th Avenue has no sidewalks or storm water facilities, and approximately 2,400 linear feet of roadway needs full reconstruction. This section of NE 10th Avenue is identified as safe route to school for Knight Elementary students, and needs pedestrian improvements to ensure the safety of those students. Visitors and residents use this section of NE 10th to access the rear entrance to the Clackamas County Fair and Events Center. The proposed improvements will address pedestrian safety, storm water management and roadway condition.

9. Transportation Project Location–REQUIRED

City: <input style="width: 90%;" type="text" value="Canby"/>	County: <input style="width: 90%;" type="text" value="Clackamas"/>
MPO: <input style="width: 90%;" type="text"/>	Special District: <input style="width: 90%;" type="text"/>

Project Location Detail: (include as appropriate: road and milepost range, rail line and milepost range, GPS coordinates, bus route and stops, bike path or multipurpose trail locations, sidewalk locations, or other location detail)

See map: north side of or 99E on NE 10th between N Ivy and N Pine Streets.

10. Maps and Plans (Project Site and Vicinity Maps are required for all construction projects. Include other applicable maps or drawings, if available.)

<input checked="" type="radio"/> Attached/Upload <input type="radio"/> Not Applicable	Vicinity Map (8.5x11) (may be inset on site map page)
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<input checked="" type="radio"/> Attached/Upload <input type="radio"/> Not Applicable	Site map/air photo (showing existing site) (8.5x11)
<input checked="" type="radio"/> Attached/Upload <input type="radio"/> Not Applicable	Site map (showing proposed construction area clearly marked) (8.5x11)
<input checked="" type="radio"/> Attached/Upload <input type="radio"/> Not Applicable	Typical Cross Section Drawings (showing proposed construction funded by the requested funds clearly marked) (8.5x11)

11. Project Description–REQUIRED

Clearly describe the work to be funded and describe what will be built, any services that will be provided, what equipment will be purchased, or project planning or environmental document efforts that will be paid for with Requested Funds. Include whether [Practical Design](#) considerations have been applied to the proposed project. Identify if the project can be completed in phases, and whether the project or phase will provide a complete, useful product or service. (Maximum 4000 characters)

Funds will be used to complete 2,400 linear feet of roadway reconstruction including curbs, 6 foot sidewalks and 14 ADA ramps where currently missing, and pervious pavement in the 8 foot parking areas for storm water dissipation. Sidewalk only construction is planned for approximately 1200 linear feet from N. Ivy Street to N Locust Street, and approximately 400 feet on N. Locust Street from its intersection at N Ivy Street. NE 10th Avenue is functionally classified as a neighborhood route in Canby's Transportation System Plan. Neighborhood routes are designated as bike routes with shared travel lanes or "sharrows". This s project will benefit students and community members who do not have contiguous sidewalks to access schools, the Events Center, the downtown commercial district and nearby parks. The operational life of the improvements is expected to be 20 yrs. Design standards will comply with ODOT/APWA Specifications, and the City's Transportation System Plan.

12. Primary Project Mode(s)

<input type="checkbox"/> Passenger Rail	<input type="checkbox"/> Light Rail	<input type="checkbox"/> Bus/Transit
<input checked="" type="checkbox"/> Pedestrian	<input checked="" type="checkbox"/> Bike	<input checked="" type="checkbox"/> Highway/Road
<input type="checkbox"/> Other:		

13. Project Activities

<input checked="" type="checkbox"/> Infrastructure Engineering, Design, or Construction	<input type="checkbox"/> Project Planning and Development	<input type="checkbox"/> Operations/Service Delivery
<input type="checkbox"/> Capital Equipment Purchases	<input type="checkbox"/> Transportation Demand Management	<input type="checkbox"/> Other

Timetable and Readiness Information

14. Indicate anticipated timing for the following activities, as applicable. Provide a date, if known, or year–REQUIRED.

Anticipated Dates	Activity
2018	Requested STIP Funding Year (e.g. 2016, 2017, 2018) - REQUIRED
10 wks after award	Bid Let Date
8 wks after bid let	Construction Contract Award
7.5 months after award	Construction Complete
	Capital Equipment Purchase
	Operations/Service Begin
	Other Major Milestone:
8 months afer award	Project Completion/End of Activities funded through this request - REQUIRED

15. Is the proposed project consistent with adopted plans? (Plans may include, for example, transportation plans, mode plans such as bike/ped or transit plans, economic development plans, comprehensive plans, corridor plans or facility plans.)–REQUIRED

- Yes No

Describe how the proposed project is consistent with adopted plans. List plans that include the project (with page numbers if possible) or describe how the project meets plan intent. If the project is not consistent, explain how and when plans will be amended to include the project.

The project is identified in Canby's Transportation System Plan (pg 5-5 (S9)) This section of NE 10th is also designated a safe route to school route for students attending Knight Elementary.

16. Is the proposed Transportation Project consistent with Major Improvement Policies including [OTP Strategy 1.1.4](#) and [OHP Action 1G.1](#)?–REQUIRED

- Yes No

Describe how the proposed investment is consistent with OTP Strategy 1.1 and for highway projects, OHP Action 1G.1. If the project corresponds to a later priority in these strategies, describe how higher priority solutions have already been tried or why they are not applicable or not appropriate to the location.

The proposed minor Improvements to NE 10th Avenue will improve the safety and operational capacity this neighborhood route, and extend the functional life of an existing street as well as add new pedestrian and storm water facilities to the local transportation system.

Project Benefit Information

Questions 17 through 26: Describe how the proposed solution will help achieve the outcomes listed below. Describe the benefits that the proposed solution is expected to achieve and provide documentation of those benefits where available, such as summaries of data analysis or modeling results, or letters of commitment from participants or employers. Where appropriate, also include in the description whether the proposal will mitigate or prevent a negative impact to the desired outcome.

This information and information throughout the application will be used as input to the STIP decision process. It is not expected that every solution will help achieve every benefit. Different types of solutions are likely to have different kinds of benefits and no type of solution or benefit is assumed to be more important than others. Please provide a realistic description of expected benefits of the proposed solution and feel free to use N/A where the benefit or outcome listed does not apply to the proposal.

17. Benefits to State-Owned Facilities

Outcome sought: preserve public investment by maintaining efficient operation of state-owned highways and other facilities through operational improvements, local connectivity, congestion-reducing projects and activities, etc.

For example, will the solution:

- Provide an alternative to travel on state owned facilities?
- Cost less than a state facility improvement with equal benefits?
- Include local efforts to protect the investment such as an Interchange Area Management Plan?
- Plan for or contribute to development of a seamless multimodal transportation system?
- Complete or extend a critical system or modal link?

Ne 10th Avenue provides access to back entrance of the Clackamas County Fair and Events Center. The main access from OR99E is from N Pine, which is an awkward, congested intersection with a high collision rate (TSP pg 3-36). Fair and Event participants can access NE 10th Avenue from the east or west without using the Pine Street intersection thereby relieving some of the congestion and collision incidences at the OR 99E and N Pine intersection.

18. Mobility

Outcome sought: provide mobility for all transportation system users and a balanced, efficient, cost-effective and integrated multimodal transportation system.

For example, will the solution:

- Improve or better integrate passenger or freight facilities and connections, including multimodal connections, to expedite travel and provide travel options?
- Improve or provide a critical link in the transportation system or connection between modes for travelers or goods?

The project primarily corrects a deficiency in the pedestrian system, but also provides an improved surface for vehicular travel, particularly for Clackamas County Fair and Event vendors and participants.

19. Accessibility

Outcome sought: ensure appropriate access to all areas with connectivity among modes and places and enable travelers and shippers to reach and use various modes with ease.

For example, will the solution:

- Improve connections within residential areas and/or to schools, services, transit stops, activity centers and open spaces, such as by filling a gap in bicycle, pedestrian, or transit facilities?
- Improve or expand access to employers, businesses, labor sources, goods or services?
- Plan for or contribute to expanding transportation choices for all Oregonians?

The planned improvements bridge a gap in pedestrian facilities for local residents, but also provides a safe environment for students walking this route to and from Knight Elementary. Improving the road surface will increase safety for bicyclists who share the travel lanes on this neighborhood route.

20. Economic Vitality

Outcome sought: expand and diversify Oregon's economy by efficiently transporting people, goods, services and information.

For example, will the solution:

- Support, preserve, or create long-term jobs and capital investment? Will it do so in an economically distressed area?
- Enhance opportunities for tourism and recreation?
- Plan for or contribute to linking workers to jobs?

NE 10th Avenue provides vender and visitor access to the Clackamas County Fair and Events Center. The proposed improvements will facilitate efficient movement of goods and services to and from the Event facility and could enhance the visitor experience by providing a safe and well maintained street facility.

21. Environmental Stewardship

Outcome sought: provide an environmentally responsible transportation system that does not compromise the ability of future generations to meet their needs and encourage conservation of natural resources.

For example, will the solution:

- Use design, materials or techniques that will more than meet minimum environmental requirements or mitigate an existing environmental problem in the area?
- Help meet air or water quality, energy or natural resource conservation, greenhouse gas reduction or similar goals?
- Plan for or contribute to the use of sustainable energy sources for transportation?

Canby will incorporate pervious paving in the parking areas to address storm water run off. This will decrease the amount of street surface water run off entering our nearby waterways.

22. Land Use and Growth Management

Outcome sought: support existing land use plans and encourage development of compact communities and neighborhoods that integrate land uses to help make short trips, transit, walking and biking feasible.

For example, will the solution plan for or contribute to:

- Efficient development and use of land as designated by comprehensive or other land use plans?
- Community revitalization including downtowns, economic centers and main streets?
- Compact urban development and mixed land uses?

The project improvements will benefit adjacent residents as well as patrons and vendors accessing the Clackamas County Fair and Event Center.

23. Livability

Outcome sought: promote solutions that fit the community and physical setting, enable healthy communities and serve and respond to the scenic, aesthetic, historic, cultural and environmental resources.

For example, will the solution:

- Enhance or serve unique characteristics of the community?
- Use context sensitive principles in design and minimize impacts on the built and natural environment?
- Encourage a healthy lifestyle and enable active transportation by enhancing biking and walking networks and connections to community destinations or public transit stops or stations?
- Include elements that will make the facility or service more attractive, enjoyable, comfortable or convenient for potential users?

NE 10th Avenue serves an older residential neighborhood which is sorely lacking in pedestrian facilities and street storm water management. This neighborhood is close to the Clackamas County Fair and Events Center and within walking distance to Canby's Downtown. The improvements will provide residents with a safe pedestrian environment that will connect them to existing pedestrian facilities on N Ivy, which provides a direct route to Downtown. As this section of NE 10th is designated a safe route to school for students attending Knight Elementary, the improvements will ensure the route is in fact safer.

24. Safety and Security

Outcome sought: Investment improves the safety and security of the transportation system and takes into account the needs of potential users.

For example, will the solution:

- Improve safety by using designs or techniques that exceed minimum requirements for safety and are likely to reduce the frequency or severity of crashes?
- Help reduce crashes involving vulnerable road users such as bicyclists and pedestrians?
- Improve the ability to respond to an emergency and quickly recover use of the facility or service?

The proposed improvements will minimize conflicts between vehicles, pedestrians and bicyclists by providing sidewalks and clearly defined travel lanes for users.

25. Equity

Outcome sought: promote a transportation system with multiple travel choices for potential users and fairly share benefits and burdens among Oregonians.

For example, will the solution:

- Benefit a large segment of the community?
- Benefit one or more transportation disadvantaged populations?
- Improve environmental justice or economic equity of the community or region?

The proposed improvements will benefit local residents; Fair and Event vendors and visitors; elementary students, and persons with disabilities who currently have no sidewalks nor ADA ramps to provide a safe pedestrian environment on this neighborhood route.

26. Funding and Finance

Outcome sought: investment uses funding structures that will support a viable transportation system and are fair and fiscally responsible.

For example, will the solution:

- Have ongoing funding available for operations and maintenance?
- Support the continued use of prior investments or reduce the need for future investments?

Canby's Street Reserve Fund and Street Maintenance Fund will ensure ongoing maintenance of the newly constructed improvements.



Budget Information

27. Estimated Project Costs–REQUIRED

List estimated costs for the various activities listed below, as applicable to proposed project. Shaded fields are automatically calculated.

	Enter Values in this Column	Total Column
Project Administration	\$34,297	
Staff Costs (for Service/Educational Projects)		
Project development and PE	\$168,753	
Environmental Work		
Coordination and Outreach		
Leased Space		
Building purchase and/or Right of Way		
Capital Equipment		
Non-Construction Project Costs Total		\$203,050
Utility Relocation		
Construction	\$686,950	
Construction Project Costs Total		\$686,950
Total Eligible Project Cost		\$890,000
Non-Eligible Costs (other project non-transportation expenditures, e.g. un-reimbursable utilities)		

28. Project Participants and Contributions–REQUIRED

List expected project participants and their contributions in the table below. Begin with the amount contributed by the Sponsor and include contributions from Project Co-Sponsor and other participants, if applicable. Sponsor and participant contributions must add to at least 10.27% of Total Transportation Project Costs. This is the amount of matching funds typically required for most federal funding programs. The specific amount of matching funds required for the proposed project may be more or less than 10.27%, depending on its funding eligibility. Specific match requirements will be determined during application review.



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Participant Role	Participant Name	Project Funds Contribution	Percent of Transportation Project Total Cost
Sponsor	City of Canby	\$178,000	20%
Co-Sponsor			0%
Participant			0%
Participant			0%
Total		\$178,000	20%

If you have more co-sponsors and participants than lines in the table above, list their names and contribution amounts in the box below and enter the totals of Co-Sponsor and Participant contributions in the appropriate spaces in the table above.



Submittal Approval

29. Project Sponsor Signature Authority Information–REQUIRED

The Authorizing Authority identified below approved the submittal of this application on behalf of the Project Sponsor. Project sponsors other than the Oregon Department of Transportation will be required to sign an Intergovernmental Agreement (IGA) with ODOT prior to receiving any project funds. The IGA with the state will detail the requirements for the use and management of requested funds.

Authorizing Authority Name:

Authorizing Authority Title:

Electronic submittal was approved by the identified authorizing individual. No signature needed if checked.

Signature: Date:

30. Co-Sponsor Signature Authority Information

The signature below demonstrates support of this application on behalf of the Co-Sponsor:

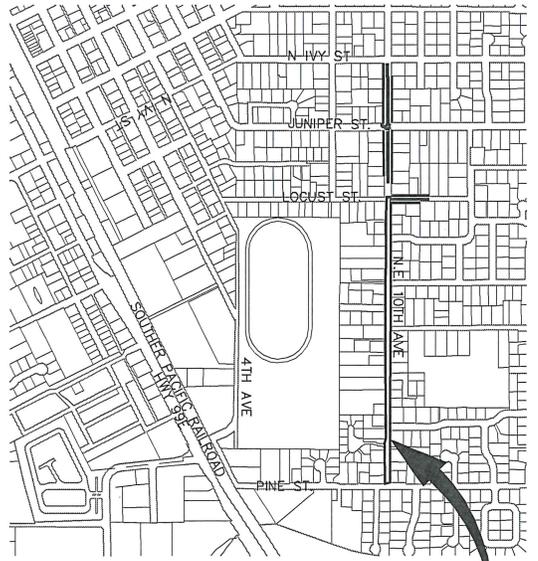
Authorizing Authority Name:

Authorizing Authority Title:

Signature: Date:

If you have more than one Co-Sponsor, list further Co-Sponsors' submittal authority names and titles in the box below and ask those named to provide their signatures and the date signed by their names.

Electronic submittal was approved by the identified authorizing individuals. No signatures needed if checked.



CITY OF CANBY
VICINITY MAP
SCALE: NTS

PROJECT
LIMITS

CITY OF CANBY
N.E. 10TH AVE IMPROVEMENTS
N IVY ST. TO N. PINE ST.
NOVEMBER 2012



LEGEND

- FULL STREET IMPROVEMENT
- NEW SIDEWALK CONSTRUCTION

SIDEWALK IMPROVEMENTS

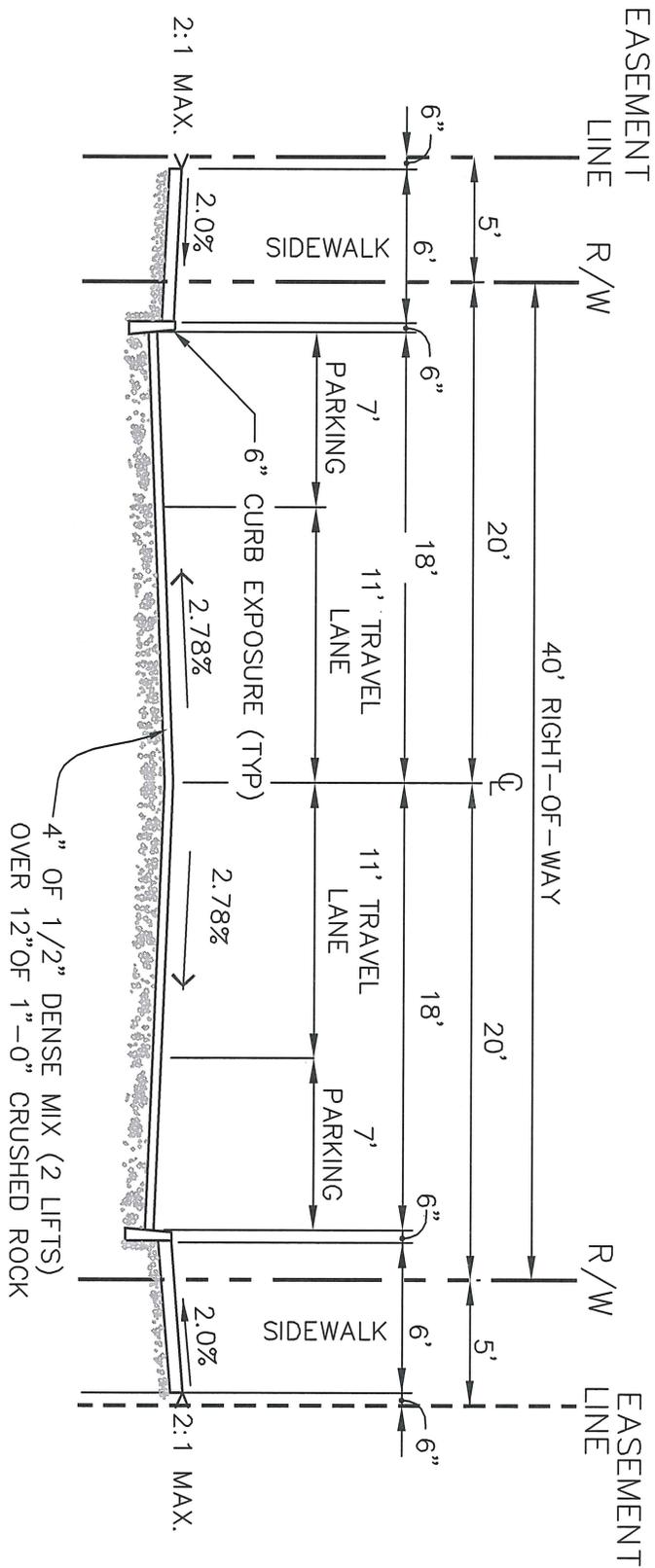
LIMITS OF FULL ROADWAY IMPROVEMENTS

CURRAN-MCLEOD, INC.
CONSULTING ENGINEERS

SCALE: 1"=500'



CITY OF CANBY N.E. 10TH AVE IMPROVEMENTS N IVY ST. TO N. PINE ST. TYPICAL CROSS SECTION NOVEMBER 2012



SCALE: N.T.S.

CURRAN-MCLEOD, INC.
CONSULTING ENGINEERS

CITY OF CANBY
NE. 10th Ave Improvements between N. Ivy St and N. Pine St
Preliminary Cost Estimate
November 2012

Work includes roadway and pedestrian improvements to provide an accessible route from Pine Street to Ivy Street. Full street construction is required for approximately 2,400 LF from Locust Street to Pine Street, including pervious paving in the parking areas for stormwater dissipation. Sidewalk only construction is required from on NE 10th Avenue for approximately 1,200 lf from Ivy Street to Locust Street, and on North Locust Street from NE 10th Avenue north approximately 400 feet to complete the route.

No	Description	Quantity	Unit	Unit Price	Total
A. Site Preparation					
A.1	Mobilization	All	Lump Sum	\$15,000	\$15,000
A.2	Temporary Protection & Direction of Traffic	All	LS	1,200	1,200
A.3	Erosion Control	All	LS	1,000	1,000
A.4	Common Excavation	3,850	CY	10	38,500
A.5	Subgrade/ Trench Stabilization	50	CY	25	1,250
A.6	Sawcut Asphalt/ Concrete Pavement	700	LF	1	700
Subtotal					57,650
B. Paving and Surfacing					
B.1	1"-0" Crushed Rock (12" deep)	6,400	SY	10	\$64,000
B.2	1" Open Graded Crushed Rock (20" deep)	3,200	SY	12	38,400
B.3	Type "C" Concrete Curb	4,800	LF	12	57,600
B.4	6" Concrete Driveway w/ Leveling Rock & WWF	670	SY	45	30,150
B.5	4" Concrete Sidewalk w/ Leveling Rock	1,750	SY	38	66,500
B.6	Detectable Warning Cast-in-Place Tile (ADA Ramp)	14	Each	350	4,900
B.7	½" Dense Mix Asphalt Pavement	1,500	Tons	80	120,000
B.8	½" & ¾" Open Graded Mix Asphalt Pavement	750	Tons	85	63,750
B.9	Site Restoration	All	LS	2,870	28,700
Subtotal					\$474,000
C. N. Ivy St to N. Locust St. Sidewalk Improvements					
C.1	Common Excavation	250	CY	50	\$12,500
C.2	Type "C" Concrete Curb	150	LF	30	4,500
C.3	6" Concrete Driveway w/ Leveling Rock & WWF	250	SY	45	11,250
C.4	4" Concrete Sidewalk w/ Leveling Rock	975	SY	38	37,050
C.5	Block Retaining Walls	600	SF	20	12,000

C.6	Water Services Adjust to Grade	14	Each	200	2,800
C.7	Mail Boxes Replacement (Multiple)	2	Each	350	700
C.8	Site Restoration/ Landscaping	All	LS	15,000	15,000
Subtotal					\$95,800
D. Storm Drainage					
D.1	12" Diameter HDPE Pipe including Trench Excavation & Crushed Rock Backfill	1,000	LF	35	\$35,000
D.2	48"Diameter Standard Manhole, All Depths	5	Each	2,500	12,500
D.3	Type G-2 Catch Basins	10	Each	1,200	12,000
Subtotal					\$59,500
Construction Cost					\$686,950
Engineering, Legal & Administration (15%)					101,525
Contingency (15%)					101,525
TOTAL CONSTRUCTION COST					\$890,000