

PROPOSAL

TO THE GILA COUNTY PUBLIC WORKS DIVISION:

Gentlemen:

The following Proposal is made for the **BID NO. 111311-1, PINE CREEK CANYON ROAD RECONSTRUCTION PROJECT, PINE, ARIZONA**, in the County of Gila in the State of Arizona.

The following Proposal is made on behalf of

Carson Construction Co. Inc.
472 E. Wickensug Way Ste 106
Wickensug, AZ. 85390

and no others. The Proposal is in all respects fair and is made without collusion on the part of any person, firm or corporation mentioned above, and no member or employee of Gila County is personally or financially interested, directly or indirectly, in the Proposal, or in any purchase or sale of any materials or supplies for the work to which it relates, or in any portion of the profits thereof.

The undersigned certifies that the approved Plans, Technical Specifications, General and Special Provisions and forms of Contract and Bond authorized by Gila County and constituting essential parts of this Proposal, have been carefully examined, and also that the site of the work has been personally inspected. The undersigned declares that the amount and nature of the work to be done is understood and that at no time will misunderstanding of the Plans, Technical Specifications, General Provisions, Special Provisions, or conditions to be overcome, be plead. On the basis of Plans, Technical Specifications, General and Special Provisions, each Addendum (if any) and the forms of Contract and Bond proposed for use, the undersigned proposes to furnish all the necessary equipment, materials, machinery, tools, apparatus, and other means of construction, and labor, to do all the work in the manner specified and to finish the entire project within the time hereinafter proposed, and to accept, as full compensation therefore, the sum of the various products obtained by multiplying each unit price, herein bid for the work or materials on the attached Bidding Schedule, by the quantity thereof actually incorporated in the complete project, as determined by the Public Works Director. The undersigned understands that the quantities mentioned herein are approximate only and are subject to increase or decrease and hereby proposes to perform all quantities of work as either increased or decreased, in accordance with the provisions of the Specifications, at the unit price bid in the attached Bidding Schedule.

The undersigned further proposes to perform all extra work that may be required on the basis provided in the Specifications and to give such work personal attention and to secure economical performance.

Proposal continued...

The undersigned further proposes to execute the Contract Agreement and furnish satisfactory Bonds within ten (10) calendar days from the date of Notice of Award, time being of the essence. The undersigned further proposes to begin work as specified in the contract attached hereto, and to complete the work ~~within ten (10) calendar days~~ within one hundred and eighty (180) Calendar ~~of the Notice to Proceed~~, and maintain at all times a Payment Bond and Performance, Labor and Material Bonds, approved by the Public Works Director, in an amount equal to one hundred (100) percent of the total bid. These bonds shall serve not only to guarantee the completion of the work on the part of the undersigned, but also to guarantee the excellence of both workmanship and material and the payment of all obligations incurred, until the work is finally accepted and the provisions of the Plans, Standard Specifications and Special Provisions fulfilled.

A Proposal Guaranty in the amount and character named in the Call for Bids is enclosed amounting to not less than ten (10) percent of the total bid, which Proposal Guaranty is submitted as a guaranty of the good faith of the bidder and that the bidder will enter into written contract, as provided, to do the work, if successful in securing the award thereof, and it is hereby agreed that if at any time other than as provided in the Proposal requirements and conditions the undersigned should withdraw this Proposal, or if the Proposal is accepted and there should be failure on the part of the undersigned to execute the Contract and furnish satisfactory Bond as herein provided, Gila County, in either of such events, shall be entitled and is hereby given the right to retain the said Proposal Guaranty as liquidated damages.

If by a Corporation:

Corporate Name: Carson ^(SEAL) Construction Co Inc.
Corporate Address: 472 E. Wickenburg Way Ste 106
Wickenburg, AZ. 85390
Incorporated under the laws of the State of: Arizona
By (Signature): Kay F. Lemons Date: 2/27/12
President: RUPERT G LEMONS
Secretary: KAY F. LEMONS
Treasurer: _____

If by a Firm or Partnership:

Firm or Partnership Name: _____

Proposal continued...

Firm or Partnership Address: _____

By (Signature): _____ **Date:** _____

Name and Address of Each Member: _____

If by an Individual:

Signature: _____ **Date:** _____

BIDDING SCHEDULE

**PINE CREEK CANYON ROAD RECONSTRUCTION PROJECT
GILA COUNTY, ARIZONA**

We agree to provide all work and material necessary to complete the project as shown on the plans and specifications for the following Contract Price:

Firm Name: Carson Construction Co. Inc.

TOTAL CONTRACT PRICE, for the sum of \$ 1,443,880.21

WRITTEN TOTAL CONTRACT PRICE

One Million four hundred forty three thousand Eight hundred Eighty (Dollars)
and Twenty one Cents.

This Contract Price is based upon the Bidder's quantities and unit prices tabulated on Pages BS-2 of the Proposal. The Bidder agrees that the Contract Price will be payment in full for all work shown on the plans and described in the Contract Documents.

Any authorized increases or decreases to the work shall be authorized by Change Order. The Contract Price shall be increased or decreased by the amount of work or material increased or decreased at the following Bid Unit Prices.

BIDDING SCHEDULE

Firm Name: CARSON CONSTRUCTION CO. INC

COST SUMMARY BREAK DOWN ROADWAY ITEMS

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITIES	UNIT PRICE	EXTENDED AMOUNT
109	Force Account Work	L.S.	1	\$100,000	\$100,000
201.1	Clearing and Grubbing	L.S.	1	31,202.64	31,202.64
202.1	Remove Misc. Structures and Obstructions	L.S.	1	37,482.87	37,482.87
203	Earthwork	L.S.	1	40,348.58	40,348.58
211	Fill Construction	L.S.	1	7,374.40	7,374.40
301	Subgrade Preparation	S.Y.	16,440	0.67	11,014.80
310	Aggregate Base Course - ADOT Class II	C.Y.	3,234	45.93	148,537.62
321	Asphaltic Concrete - MAG	Ton	3,693	102.82	379,714.26
340.1	Concrete Driveway	S.F.	1,762	6.70	11,805.40
340.2	Concrete Headwall, ADOT B-11.11, for Limited S.D.	EA.	1	3,116.93	3,116.93
340.3	Concrete Headwall, ADOT B-11.11, for (2) 42" CMPA	EA.	1	4,021.66	4,021.66
340.4	Concrete Wall*	S.F.	192	89.21	17,128.32
340.5	Concrete Half-Barrier, ADOT Std. Dtl., C-10.50	L.F.	96	115.21	11,060.16
340.6	Concrete Half-Barrier Transition, ADOT Std. Dtl., C-10.75	L.F.	40	111.92	4,476.80
340.7	Concrete Ribbon Curb (MAG 220-1, Type C)	L.F.	71	15.39	1,092.69
405	Survey Monument	EA.	22	158.79	3,493.38
411	Asphaltic Concrete Friction Course	Ton	385	111.43	42,900.55

COST SUMMARY BREAK DOWN ROADWAY ITEMS *continued*

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITIES	UNIT PRICE	EXTENDED AMOUNT
501	Cement Treated Slurry	C.Y.	45	116.85	5,258.25
511	Keystone Wall, Compact II Block*	S.F.	1,950	19.22	37,479.00
607.1	New Sign Panel, STOP, R1-1, 36"x36"	EA.	1	419.49	419.49
607.2	New Sign Panel, STOP, R1-1, 30"x30"	EA.	5	246.10	1,230.50
607.3	New Sign Panel, HILL BLOCKS VIEW, W7-6, 30"x30"	EA.	2	273.54	547.08
607.4	New Sign Panel, 20 MPH, W13-1, 24"x18"	EA.	4	132.20	528.80
607.5	New Sign Panel, 15 MPH, W13-1, 24"x18"	EA.	1	200.79	200.79
607.6	New Sign Panel, SPEED LIMIT 25, R2-1, 24"x30"	EA.	3	212.72	638.16
607.7	New Sign Panel, winding road symbol, W1-5, 30"x30"	EA.	2	273.54	547.08
607.8	New Sign Panel, roadway turn symbol, W1-1L, 30"x30"	EA.	1	319.26	319.26
607.9	New Sign Post and Foundation - ADOT S-1 (non-slip)	EA.	15	277.67	4,165.05
621.1	Pipe, Corrugated Metal, 12"	LF	75	38.59	2,894.25
621.2	Pipe, Corrugated Metal, 15"	LF	806	36.21	29,185.26
621.3	Pipe, Corrugated Metal, 24"	LF	160	43.65	6,984.00
621.4	Pipe, Corrugated Metal, 42"	LF	88	63.79	5,613.52
621.5	Pipe, Corrugated Metal, 28"x20"	LF	199	52.80	10,507.20
621.6	Pipe, Corrugated Metal, 49"x29"	LF	48	77.06	3,698.88
621.7	Pipe, UltraFLO, 18"	LF	225	49.78	11,200.50
621.8	Flared Metal End Section, 24", ADOT Std. Dtl. C-13.25	EA.	2	297.30	594.60
708.1	Permanent Pavement Marking (Painted)(White)(4" Equiv)	LF	63	2.88	181.44

COST SUMMARY BREAK DOWN ROADWAY ITEMS *continued*

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITIES	UNIT PRICE	EXTENDED AMOUNT
708.2	Permanent Pavement Marking (Painted)(Yellow)(4" Equiv)	LF	13,751	0.59	8,113.09
708.9	Maintenance and Protection of Traffic	L.S.	1	20,573.70	20,573.70
810	Erosion Control and Pollution Prevention (SWPPP)	L.S.	1	17,983.79	17,983.79
901	Mobilization	L.S.	1	7,559.15	7,559.15
903.1	Dumped Rock RipRap, D50=9"	C.Y.	800	71.98	57,584.00
903.2	Gabion Mattress	C.Y.	28	265.44	7,432.32
905.1	Guardrail	LF	13	38.69	502.97
905.2	Guardrail, End Terminal, ET-PLUS	EA.	5	3,631.01	18,155.05
905.3	Guardrail, End Anchor, ADOT Std. Dtl. C-10.08	EA.	1	867.05	867.05
925	Construction Survey and Layout and As-builts	L.S.	1	44,554.39	44,554.39
Total Base Bid Roadway					1,160,289.68

*wall items are measured in square foot face of wall

COST SUMMARY BREAK DOWN WATERLINE ITEMS

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITIES	UNIT PRICE	EXTENDED AMOUNT
1	2" PVC Watermain	40	LF	6.76	270.40
2	4" PVC Watermain	30	LF	19.68	590.40
3	6" PVC Watermain	40	LF	24.73	989.20
4	8" PVC Watermain	5,032	LF	28.16	141,701.12
5	2" Tap and Valve, Box & Cover	1	EA	2,056.65	2,056.65
6	2" Valve, Box & Cover	1	EA	1,797.09	1,797.09
7	4" Valve, Box & Cover	1	EA	1,054.36	1,054.36
8	6" Valve, Box & Cover	3	EA	1,334.56	4,003.68
9	8" Valve, Box & Cover	15	EA	1,823.61	27,354.15
10	8" x 4" Tee	1	EA	484.43	484.43
11	8" x 8" Tee	3	EA	765.60	2,296.80
12	6" x 6" Tee	1	EA	447.68	447.68
13	8" x 6" Tee	3	EA	501.70	1,505.10
14	6" X 2" Reducer	1	EA	213.70	213.70
15	8" x 4" Reducer	3	EA	220.66	661.98
16	Watermain Sample Tap	6	EA	591.38	3,548.28
17	8" x 22.5° Bend	1	EA	275.19	275.19
18	8" x 90° Bend	2	EA	282.93	565.86
19	6" x 90° Bend	2	EA	222.74	445.48
20	6" Fire Hydrant Complete	9	EA	4,776.30	42,986.70

COST SUMMARY BREAK DOWN WATERLINE ITEMS continued

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITIES	UNIT PRICE	EXTENDED AMOUNT
21	Blow-Off Valve	1	EA	1,358.98	1,358.98
22	Air Release Valve	1	EA	1,649.83	1,649.83
23	6" X 6" Tapping Sleeve and Valve, Box & Cover	1	EA	2,723.53	2,723.53
24	6" Check Valve, Box & Cover	1	EA	3,188.53	3,188.53
25	8" Check Valve, Box & Cover	1	EA	4,600.47	4,600.47
26	2" Water Service & Tap, Cap @ R/W	2	EA	1,497.88	2,995.76
27	1" Water Service & Tap, Cap @ R/W	8	EA	619.40	4,995.20
28	1" Double Water Service & Tap, Cap @ R/W	9	EA	1,022.80	9,205.20
29	Cap Watermain for Future Connection	6	EA	471.75	2,830.50
30	Connect to Existing Watermain	1	EA	490.53	490.53
31	Construction Survey	1	EA	11,406.06	11,406.06
32	QA/QC	1	EA	4,937.69	4,937.69
Total Base Bid Waterline					283,590.53

GILA COUNTY

SURETY (BID) BOND

(Penalty of this bond must not be less than 10% of the bid amount)

Carson Construction Company,

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned Inc.

as Principal, hereinafter called the Principal, and the Hanover Insurance Company

a corporation duly organized under the laws of the State of New Hampshire

as Surety, hereinafter called the Surety, holding a certificate of authority to transact surety business in this State issued by the Director of the Department of Insurance, are held and firmly bound unto Gila County as Obligee, hereinafter called the Obligee, in the sum of ten percent (10%) of the amount bid, submitted by Principal to Gila County for the work described below, for the payment of which sum well and truly to be made, the said Principal and the said Surety bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal is herewith submitting its proposal for:

BID NO. 111311-1, PINE CREEK CANYON ROAD RECONSTRUCTION PROJECT, PINE

NOW THEREFORE, if the Obligee, acting by and through its Public Works Director, accepts the proposal of the Principal and the Principal shall enter into contract with the Obligee in accordance with the terms of such proposal, and give such bonds and certificates of insurance as may be specified in the contract documents with good and sufficient surety for the faithful performance of such contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter into such contract and give such bonds and certificates of insurance, if the Principal shall pay to the Obligee the difference not to exceed the penalty of the bond between the amount specified in the proposal and such larger amount for which the Obligee may in good faith contract with another party to perform the work covered by the proposal then this obligation is void. Otherwise, it remains in full force and effect provided, however, that this bond is executed pursuant to the provisions of ARC '34-201, and all liabilities on this bond shall be determined in accordance with the provisions of the section to the extent as if it were copied at length herein.

IN WITNESS WHEREOF, we hereunto set our hands and seals: Bid Date: March 1, 2012

Carson Construction Company, Inc.
Principal

By *Kay J Lemond*
Tide *Secretary*

The Hanover Insurance Company
Surety

[Signature]
Stephanie L. Bucholz
By Attorney-in-Fact

1050 W. Washington St. #233, Tempe, AZ 85281

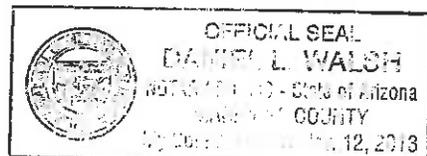
Address, Attorney-in-Fact

Subscribed and sworn to before me
this 22nd day of February, 20 12

My commission expires: November 12, 2013

[Signature]
Notary Public

Daniel L. Walsh



THE HANOVER INSURANCE COMPANY
MASSACHUSETTS BAY INSURANCE COMPANY
CITIZENS INSURANCE COMPANY OF AMERICA

POWERS OF ATTORNEY
CERTIFIED COPY

KNOW ALL MEN BY THESE PRESENTS: That THE HANOVER INSURANCE COMPANY and MASSACHUSETTS BAY INSURANCE COMPANY, both being corporations organized and existing under the laws of the State of New Hampshire, and CITIZENS INSURANCE COMPANY OF AMERICA, a corporation organized and existing under the laws of the State of Michigan, do hereby constitute and appoint

Stephanie L. Bucholz and/or Daniel L. Walsh

of Tempe, AZ and each is a true and lawful Attorney(s)-in-fact to sign, execute, seal, acknowledge and deliver for, and on its behalf, and as its act and deed any place within the United States, or, if the following line be filled in, only within the area therein designated

any and all bonds, recognizances, undertakings, contracts of indemnity or other writings obligatory in the nature thereof, as follows:

Any such obligations in the United States, not to exceed Ten Million and No/100 (\$10,000,000) in any single instance

and said companies hereby ratify and confirm all and whatsoever said Attorney(s)-in-fact may lawfully do in the premises by virtue of these presents. These appointments are made under and by authority of the following Resolution passed by the Board of Directors of said Companies which resolutions are still in effect:

"RESOLVED, That the President or any Vice President, in conjunction with any Vice President, be and they are hereby authorized and empowered to appoint Attorneys-in-fact of the Company, in its name and as its acts, to execute and acknowledge for and on its behalf as Surety any and all bonds, recognizances, contracts of indemnity, waivers of citation and all other writings obligatory in the nature thereof, with power to attach thereto the seal of the Company. Any such writings so executed by such Attorneys-in-fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company in their own proper persons." (Adopted October 7, 1981 - The Hanover Insurance Company; Adopted April 14, 1982 - Massachusetts Bay Insurance Company; Adopted September 7, 2001 - Citizens Insurance Company of America)

IN WITNESS WHEREOF, THE HANOVER INSURANCE COMPANY, MASSACHUSETTS BAY INSURANCE COMPANY and CITIZENS INSURANCE COMPANY OF AMERICA have caused these presents to be sealed with their respective corporate seals, duly attested by two Vice Presidents, this 9th day of November 2011.

THE HANOVER INSURANCE COMPANY
MASSACHUSETTS BAY INSURANCE COMPANY
CITIZENS INSURANCE COMPANY OF AMERICA



Robert Thomas
Robert Thomas, Vice President

Mark Fitzgerald
Mark Fitzgerald, Vice President

THE COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF WORCESTER) ss.

On this 9th day of November 2011 before me came the above named Vice Presidents of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, to me personally known to be the individuals and officers described herein, and acknowledged that the seals affixed to the preceding instrument are the corporate seals of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, respectively, and that the said corporate seals and their signatures as officers were duly affixed and subscribed to said instrument by the authority and direction of said Corporations.



Barbara A. Garlick
Barbara A. Garlick, Notary Public
My Commission Expires September 21, 2018

I, the undersigned Vice President of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America, hereby certify that the above and foregoing is a full, true and correct copy of the Original Power of Attorney issued by said Companies, and do hereby further certify that the said Powers of Attorney are still in force and effect.

This Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of The Hanover Insurance Company, Massachusetts Bay Insurance Company and Citizens Insurance Company of America.

"RESOLVED, That any and all Powers of Attorney and Certified Copies of such Powers of Attorney and certification in respect thereto, granted and executed by the President or any Vice President in conjunction with any Vice President of the Company, shall be binding on the Company to the same extent as if all signatures therein were manually affixed, even though one or more of any such signatures thereon may be facsimile." (Adopted October 7, 1981 - The Hanover Insurance Company; Adopted April 14, 1982 - Massachusetts Bay Insurance Company; Adopted September 7, 2001 - Citizens Insurance Company of America)

GIVEN under my hand and the seals of said Companies, at Worcester, Massachusetts, this 22nd day of February 20 12 .

THE HANOVER INSURANCE COMPANY
MASSACHUSETTS BAY INSURANCE COMPANY
CITIZENS INSURANCE COMPANY OF AMERICA
Glenn Margosian
Glenn Margosian, Vice President

GILA COUNTY
QUALIFICATION AND CERTIFICATION FORMS

Purpose

This exhibit shall serve as a requirement to enable the evaluation team to assess the qualifications of Contractors under consideration for final award.

The information may or may not be a determining factor in award.

Contract Number 111311-1 PINE CREEK CANYON ROAD RECONSTRUCTION PROJECT

The applicant submitting this Bid warrants the following:

1. Name, Address, and Telephone Number of Principal Contractor:
Carson Construction Co Inc
472 E. Wichenburg Way Ste 106
Wichenburg Az 85390
2. Had Contractor (under its present or any previous name) ever failed to complete a contract?
 Yes X No. If "Yes", give details, including the date, the contracting agency, and the reasons Contractor failed to perform in the narrative part of this Contract.
3. Has Contractor (under its present or any previous name) ever been disbarred or prohibited from competing for a contract? Yes X No. If "Yes", give details, including the date, the contracting agency, the reasons for the Contractors disqualification, and whether this disqualification remains in effect in the narrative part of this Contract.
4. Has a contracting agency ever terminated a contract with Contractor prior to contract expiration date (under your firm's present or any previous name)? Yes X No. If "Yes", give details including the date, the contracting agency, and the reasons Contractor was terminated in the narrative part of this Contract.
5. Contractor must also provide at least the following information:
 - a. A brief history of the Contractors Firm.
 - b. A Cost Proposal shall be submitted on the Price Sheet, attached hereon and made a full part of this contract by this reference.
 - c. A list of previous and current customers, which are considered identical or similar to the Scope of Work described herein; shall be submitted on the Reference List, attached hereon and made a full part of this contract by this reference.

- d. List of any subcontractors (if applicable) to be used in performing the service must accompany the Proposal. The subcontractors Arizona ROC, contact name and phone # must be included.
 - e. List the specific qualifications the Contractor has in supplying the specified services.
 - f. Gila County reserves the right to request additional information.
6. Contractor Experience Modifier (e-mod) Rating in Arizona: 1.4
A method the National Council on Compensation Insurance (NCCI) uses to measure a business' computed loss ratio and determine a factor, which when multiplied by premium, can reward policyholders with lower losses. E-mod rate may be a determining factor in bid award.
7. Current Arizona Contractor License Number: 115769 Class A

Kay F. Lemone
Signature of Authorized Representative

Kay F. Lemone.
Printed Name

Secretary
Title

GILA COUNTY
REFERENCE LIST

These references are required to enable the evaluation team to assess the qualifications of the Contractor under consideration for final award. The information may be a determining factor in award.

References

Please list a minimum of four (4) references for projects of similar size and scope as this Invitation for Bids during the past twelve (12) months, in or as close to Gila County as possible.

1. Company: City of Peoria
Contact: Daniel Kiel
Phone: 623-773-7982
Address: 9875 N. 85th Ave 2nd Floor Peoria Az 85345

2. Company: Town of Wickenburg
Contact: 928 684-5451
Phone: Public Works Dept
Address: 155 N. Tegner St Wickenburg Az 85390

3. Company: Town of Buckeye
Contact: Kim Schreck
Phone: 623-349-6200
Address: 530 E. Monroe Ave Buckeye Az 85326

4. Company: City of El Mirage
Contact: Jorge Gastelum
Phone: 623-876-2976
Address: 12145 NW Grand Ave El Mirage Az 85335

Carr Construction Co Inc
Name of Business
Kay J. Lemons
Signature of Authorized Representative
Secretary
Title

**GILA COUNTY
CERTIFICATION: INTENTIONS CONCERNING SUBCONTRACTING**

At the time of the submission of bids for **BID NO. 111311-1 PINE CREEK CANYON ROAD RECONSTRUCTION PROJECT, PINE, ARIZONA**, my intention concerning subcontracting a portion of the work is as indicated below.

In indicating that it is my intention to subcontract a portion of the work, this will acknowledge that such subcontractors will be identified and approved by the Engineer prior to award of the contract; and that documentation, such as copies of letters, requests for quotations, quotations, etc., substantiating the actions taken and the responses to such actions is on file and available for review.

A list of any subcontractors (if applicable) to be used in performing the service must accompany the Bid. The list must include the subcontractors name, address, and phone number.

Any subcontractor not listed with the bid must be approved by the County prior to providing any work pursuant to this contract. Further, contractor warrants that all subcontractors will comply with all terms and conditions of this contract. The County reserves the right to terminate the contract if the contractor fails to comply with the provisions of this certification.

Yes it is my intention to subcontract a portion of the work.

No it is not my intention to subcontract a portion of the work.

Carson Construction Co Inc

Name of Business

Kay J. Lemora

Signature of Authorized Representative

Secretary

Title

BIDDERS CHECKLIST

NOTICE IS HEREBY GIVEN that all Bid Documents shall be completed and/or executed and submitted with this bid. If bidder fails to complete and/or execute any portion of the Bid Documents, this bid will be determined to be "non-responsive" and rejected.

CHECKLIST:

<u>REQUIRED DOCUMENT</u>	<u>COMPLETED/EXECUTED</u>
Proposal	<u>KFL</u>
Bidding Schedule	<u>KFL</u>
Surety (Bid) Bond	<u>KFL</u>
Qualification & Certification Form	<u>KFL</u>
Reference List	<u>KFL</u>
Affidavit of Non-Collusion	<u>KFL</u>
Subcontractor Certification	<u>KFL</u>
Contract	<u>KFL</u>
Bidders Checklist & Addenda Acknowledgment	<u>KFL</u>

ACKNOWLEDGMENT OF RECEIPT OF ADDENDA:

	#1	#2	#3	#4	#5
Initials/					
Date	<u>KFL</u> 01/31/12	<u>KFL</u> 02/16/12	<u>K.F.L.</u> 2/28/12	_____	_____

Signed and dated this 27th day of February, 2012.

Carson Construction Co Inc
CONTRACTOR:

Kay J. Larson
BY:

Each proposal shall be sealed in an envelope addressed to Gila County Engineering Services and bearing the following statement on the outside of the envelope: Proposal to Construct: PINE CREEK CANYON ROAD RECONSTRUCTION PROJECT, Gila County Arizona, Bid No. 111311-1. All proposals shall be filed at Gila County Procurement, 1400 E. Ash St., Globe, AZ 85501, on or before Thursday, March 1st, 2012, 11:00 a.m.

**GILA COUNTY
CONTRACT NO. 111311-1**

THIS AGREEMENT, made and entered into this 3rd day of April, **2012**, by and between Gila County, a political subdivision of the State of Arizona, party of the first part, hereinafter designated the **OWNER**, and Carson Construction Co., Inc. of the City of Wickenburg, County of Maricopa, State of Arizona, party of the second part, hereinafter designated the **CONTRACTOR**.

WITNESSETH: That the said **Contractor**, for and in consideration of the sum to be paid him by the said **Owner**, in the manner and at the time hereinafter provided, and of the other covenants and agreements herein contained, and under the penalties expressed in the bond hereto attached, hereby agrees, for himself, his heirs, administrators, successors, and assigns as follows:

ARTICLE I - SCOPE OF WORK: The **Contractor** shall furnish any and all plant materials, labor, construction equipment, and services, required for performing all work for construction for **Bid No. 111311-1 PINE CREEK CANYON ROAD RECONSTRUCTION PROJECT, PINE, ARIZONA** in accordance with the plans and these specifications, and to completely and totally construct the same and install the material herein for the **Owner**, in a good and workmanlike and substantial manner and to the satisfaction of the **Owner** through its Engineers and under the direction and supervision of the Engineer, or his properly authorized agents and strictly pursuant to and in conformity with the Specifications prepared by the Engineers for the **Owner**, and with such modifications of the same and other documents that may be made by the **Owner** through the Engineer, or his properly authorized agents, as provided herein. Once the Bid has been awarded the bid number 032204-1 will become the Contract Number.

ARTICLE II - CONTRACT DOCUMENTS: The attached "Call for Bids", "Technical Specifications", "General Provisions", "Special Provisions", "Proposal", "Bidding Schedule", "Bid Bond", "Qualification & Certification Forms", "Reference List", "Affidavit of Non-Collusion", "Subcontractor Certification", "Employment Laws Acknowledgment", "Checklist & Addenda Acknowledgment", "Performance Bond", "Labor and Materials Bond", "Contract Performance Bond", and Plans thereto, if any, are by this reference made a part of this Contract to the same extent as if set forth herein in full. In the event of any conflict or any inconsistency in the documents, controlling weight shall be assigned in the following order: the Contract; the Technical Specifications; the Special Provisions; the General Provisions; all other documents. Contract is considered invalid unless signed by the Gila County Board of Supervisors.

ARTICLE III – SAFETY AND LOSS CONTROL: The Gila County Safety and Loss Control booklet must be read and signed by all working at the job site.

During the pre-construction meeting a time will be set for the Gila County QA/QC Safety Compliance Officer for a safety meeting. For every safety meeting the Contractor shall invite the QA/QC Safety Compliance Officer and shall give at least a twenty-four (24) hour notice.

ARTICLE IV – INDEMNIFICATION CLAUSE: The Contractor agrees to indemnify and save harmless the County of Gila, its officers, agents and employees, and any jurisdiction or agency issuing permits for any work included in the project, their officers, agents and employees, hereinafter referred to as indemnitee, from all suits and claims, including attorney's fees and cost of litigation, actions, loss, damage, expense, cost or claims of any character or any nature arising out of the work done in fulfillment of the terms of this Contract or on account of any act, claim or amount arising or recovered under workers' compensation law or arising out of the failure of the Contractor to conform to any statutes, ordinances, regulation, law or court decree. It is agreed that the Contractor will be responsible for primary loss investigation, defense and judgment costs where this contract of indemnity applies. In consideration of the award of this contract, the Contractor agrees to waive all rights of subrogation against the County, its officers, officials, agents and employees for losses arising from the work performed by the Contractor for the County.

ARTICLE V – INSURANCE REQUIREMENTS: Contractor and subcontractors shall procure and maintain until all of their obligations have been discharged, including any warranty periods under this Contract are satisfied, insurance against claims for injury to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors.

The insurance requirements herein are minimum requirements for this Contract and in no way limit the indemnity covenants contained in this Contract.

The County in no way warrants that the minimum limits contained herein are sufficient to protect the Contractor from liabilities that might arise out of the performance of the work under this Contract by the Contractor, his agents, representatives, employees, or subcontractors. Contractor is free to purchase such additional insurance as may be determined necessary.

A. **MINIMUM SCOPE AND LIMITS OF INSURANCE** - Contractor shall provide coverage with limits of liability not less than those stated below:

1. **Commercial General Liability – Occurrence Form**

Policy shall include bodily injury, property damage, broad form contractual liability and XCU coverage.

- General Aggregate \$2,000,000
- Products – Completed Operations Aggregate \$1,000,000
- Personal and Advertising Injury \$1,000,000
- Each Occurrence \$1,000,000

- a. The policy shall be endorsed to include the following additional insured language:
"The County of Gila shall be named as an additional insured with respect to

liability arising out of the activities performed by, or on behalf of the Contractor".

2. Automobile Liability

Bodily injury and property damage for any owned, hired, and non-owned vehicles used in the performance of this Contract.

Combined Single Limit (CSL) \$1,000,000

- a. The policy shall be endorsed to include the following additional insured language: "The County of Gila shall be named as an additional insured with respect to liability arising out of the activities performed by, or on behalf of the Contractor, including automobiles owned, leased, hired or borrowed by the Contractor".

3. Worker's Compensation and Employers' Liability

Workers' Compensation	Statutory
Employers' Liability	
Each Accident	\$100,000
Disease – Each Employee	\$100,000
Disease – Policy Limit	\$500,000

- a. Policy shall contain a **waiver of subrogation** against the County of Gila.

B. ADDITIONAL INSURANCE REQUIREMENTS: The policies shall include, or be endorsed to include, the following provisions:

1. On insurance policies where the County of Gila is named as an additional insured, the County of Gila shall be an additional insured to the full limits of liability purchased by the Contractor even if those limits of liability are in excess of those required by this Contract.
2. The Contractor's insurance coverage shall be primary insurance and non-contributory with respect to all other available sources.
3. Coverage provided by the Contractor shall not be limited to the liability assumed under the indemnification provisions of this Contract.

C. NOTICE OF CANCELLATION: Each insurance policy required by the insurance provisions of this Contract shall provide the required coverage and shall not be suspended, voided, canceled, reduced in coverage or endorsed to lower limits except after thirty (30) days prior written notice has been given to the County. Such notice shall be sent directly to the **Gila County Purchasing Department, 1400 E. Ash St., Globe, AZ 85501** and shall be sent by certified mail, return receipt requested.

D. ACCEPTABILITY OF INSURERS: Insurance is to be placed with insurers duly licensed or approved unlicensed companies in the state of Arizona and with an "A.M. Best" rating of not less than B+ VI. The County in no way warrants that the above-required minimum insurer rating is sufficient to protect the Contractor from potential insurer insolvency.

E. VERIFICATION OF COVERAGE: Contractor shall furnish the County with certificates of insurance (ACORD form or equivalent approved by the County) as required by this Contract.

The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf.

All certificates and endorsements are to be received and approved by the County before work commences. Each insurance policy required by this Contract must be in effect at or prior to commencement of work under this Contract and remain in effect for the duration of the project. Failure to maintain the insurance policies as required by this Contract or to provide evidence of renewal is a material breach of contract.

All certificates required by this Contract shall be sent directly to the **Gila County Purchasing Department, 1400 E. Ash St., Globe, AZ 85501**. The County project/contract number and project description shall be noted on the certificate of insurance. The County reserves the right to require complete, certified copies of all insurance policies required by this Contract at any time.

- F. **SUBCONTRACTORS:** Contractors' certificate(s) shall include all subcontractors as additional insureds under its policies or Contractor shall furnish to the County separate certificates and endorsements for each subcontractor. All coverage's for subcontractors shall be subject to the minimum requirements identified above.
- G. **APPROVAL:** Any modification or variation from the insurance requirements in this Contract shall be made by the County Attorney, whose decision shall be final. Such action will not require a formal Contract amendment, but may be made by administrative action.

ARTICLE VI - TIME OF COMPLETION: The Contractor further covenants and agrees, at his own proper cost and expense, to do all work and furnish all materials, labor, construction equipment, and services for performing all of the work for construction of said improvements and to completely construct the same and install the material therein, as called for by this agreement free and clear of all claims, liens, and charges whatsoever, in the manner and under the conditions specified within the time, or times, stated in the Proposal.

Work on this project shall start within **no later than ten (10) Days of the Notice To Proceed**, and shall be completed within the following limits:

SCHEDULE:

For construction in the contract documents, the project shall be completed within **One Hundred and Eighty (180) Days of the Notice To Proceed**.

It is expressly understood and agreed that in case of failure on the part of the Contractor, for any reason, except with the written consent of the Engineer, to complete the work to the satisfaction of the Engineer and within the aforesaid time limits, the Owner may deduct from any money due, or which may become due the Contractor, as liquidated damages, an amount as fixed by the following schedule:

WORK ITEM

DAILY CHARGE PER CALENDAR DAY

All work not complete within the above specified time after start of work.

\$1,300.00

If no money shall be due the Contractor, the Owner shall have a cause of action to recover against the Contractor in a court of competent jurisdiction, liquidated damages as fixed by the above schedule; said deduction to be made, or said sum to be recovered, not as a penalty, but as liquidated damages; provided, however, that upon receipt of written notice from the Contractor, of the existence of causes, as herein provided, over which said Contractor has no control and which must delay the completion of the said work or any delay occasioned by the Owner, the Engineer may extend the period hereinafter specified for the completion of said work in accordance with the specifications and in such case, the Contractor shall become liable for said liquidated damages for delays commencing from date said extension period shall expire.

ARTICLE VII - CANCELLATION: This agreement is subject to cancellation pursuant to A.R.S. §38-511 and **GENERAL PROVISION 80-09 DEFAULT AND TERMINATION OF CONTRACT.**

ARTICLE VIII - PAYMENTS: The Contractor shall make an estimate of the work performed during the preceding month and submit the same to the Engineer for checking. On or before **thirty (30) days** after the certified and approved estimate of the work is received by the Owner, the Owner shall pay to the Contractor ninety percent (90%) of the value of said work in place, as approved by the Engineer. The balance of ten percent (10%) of the estimate shall be retained by the Owner until the time of final payment and acceptance of said work, as per A.R.S. §34-221(A)(2).

In order to receive payment the Contractor shall have a current W-9 Form on file with the County unless required by law.

All invoices submitted by the Contractor shall include at least the following but not be limited to:

- Purchase Order Number
- Contract Number
- Project Title
- Invoice Number
- Vendor Name and Address
- Description of Service

ARTICLE IX – LAWS AND ORDINANCES: This agreement shall be enforced under the laws of the State of Arizona. The Contractor shall maintain in current status all Federal, State, and Local licenses and permits required for the operation of the business conducted by the Contractor.

The Contractor shall comply with the applicable provisions of the Americans with Disabilities Act (Public Law 101-336, 42 U.S.C. 12101-12213) and applicable Federal regulations under the Act.

ARTICLE X – LEGAL ARIZONA WORKERS ACT COMPLIANCE: Contractor hereby warrants that it will at all times during the term of this Contract comply with all federal immigration laws applicable to Contractor's employment of its employees, and with the requirements of A.R.S. § 23-214 (A) (together the "State and Federal Immigration Laws"). Contractor shall further ensure that each subcontractor who performs any work for Contractor under this contract likewise complies with the State and Federal Immigration Laws.

County shall have the right at any time to inspect the books and records of Contractor and any subcontractor in order to verify such party's compliance with the State and Federal Immigration Laws.

Any breach of Contractor's or any subcontractor's warranty of compliance with the State and Federal Immigration Laws, or of any other provision of this section, shall be deemed to be a material breach of this Contract subjecting Contractor to penalties up to and including suspension or termination of this Contract. If the breach is by a subcontractor, and the subcontract is suspended or terminated as a result, Contractor shall be required to take such steps as may be necessary to either self-perform the services that would have been provided under the subcontract or retain a replacement subcontractor as soon as possible so as not to delay project completion.

Contractor shall advise each subcontractor of County's rights, and the subcontractor's obligations, under this Article by including a provision in each subcontract substantially in the following form:

"Subcontractor hereby warrants that it will at all times during the term of this contract comply with all federal immigration laws applicable to Subcontractor's employees, and with the requirements of A.R.S. §23-214 (A). Subcontractor further agrees that County may inspect the Subcontractor's books and records to insure that Subcontractor is in compliance with these requirements. Any breach of this paragraph by Subcontractor will be deemed to be a material breach of this contract subjecting Subcontractor to penalties up to and including suspension or termination of this contract."

Any additional costs attributable directly or indirectly to remedial action under this Article shall be the responsibility of Contractor. In the event that remedial action under this Article results in delay to one or more tasks on the critical path of Contractor's approved construction or critical milestones schedule, such period of delay shall be deemed excusable delay for which Contractor shall be entitled to an extension of time, but not costs.

ARTICLE XI – ANTI-TERRORISM WARRANTY: Pursuant to A.R.S. § 35-393.06(B) and 35-301.06(A) the Contractor certifies that it does not have scrutinized business operations in Iran or Sudan and that they are in compliance with the Export Administration Act and not on the Excluded Parties List.

IN WITNESS WHEREOF, three (3) identical counterparts of this contract, each of which shall for all purposes be deemed an original thereof, have been duly executed by the parties hereinabove named, on the date and year first above written.

In return for the performance of this Contract by the Contractor, the Owner agrees to pay the amount of \$1,443,880.21 INCLUDING ALL APPLICABLE TAXES through a payment schedule as described in the Contract documents and as may be modified and executed by change orders and by final quantities.

The Contractor agrees that this contract, as awarded, is for the following work, and understands that payment for the total work will be made on the basis of the indicated amount(s), as bid in the Proposal and attached Bidding Schedule for:

**PINE CREEK CANYON ROAD RECONSTRUCTION PROJECT
BID NO. 111311-1**

OWNER:

CONTRACTOR:

GILA COUNTY BOARD OF SUPERVISORS

Tommie C. Martin, Chairman, Board of Supervisors



Contractor Signature

Rupert G. Lemons
Print Name

ATTEST:

Witness (If Contractor is Individual)

Marian Sheppard, Chief Deputy Clerk of the Board

APPROVED AS TO FORM:

Brian B. Chambers, Chief Deputy County Attorney
for Daisy Flores, County Attorney

STATUTORY PERFORMANCE BOND
PURSUANT TO TITLE 34, CHAPTER 2, ARTICLE 2 OF
THE ARIZONA REVISED STATUTES
(PENALTY OF THIS BOND MUST BE 100% OF CONTRACT AMOUNT)

KNOW ALL MEN BY THESE PRESENTS:

That, _____

_____, (hereinafter called the Principal), as Principal,

and _____
(hereinafter called Surety), a corporation duly organized and existing the laws of the State of

_____ with its principal office in the city of _____
holding a certificate of authority to transact surety business in Arizona issued by the Director of the Department of Insurance, as
Surety, are held and firmly bound unto Gila County (hereinafter called the Obligee) in the amount of (100% OF CONTRACT
AMOUNT) _____ dollars (\$ _____), for the payment whereof, the said
Principal and Surety bind themselves, and their heirs, administrator, executors, successors, and assigns, jointly and severally, firmly by
these presents.

WHEREAS, the Principal has agreed to enter into a certain contract with the Obligee for: **PINE CREEK CANYON ROAD
RECONSTRUCTION PROJECT, PINE, ARIZONA**, which contract is hereby referred to and made a part hereof as fully and to
the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall faithfully
perform and fulfill all the undertakings, covenants, terms, conditions and agreements of said contract during the original term of said
contract and any extension thereof, with or without notice to the Surety, and during the life of any guaranty required under the
contract, and shall also perform and fulfill all the undertakings, covenants, terms, conditions, and agreements of any and all duly
authorized modifications of said contract that may hereafter be made, notice of which modifications to the Surety being hereby
waived; then the above obligation shall be void, otherwise to remain in full force and effect;

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Title 34, Chapter 2, Article 2, of the
Arizona Revised Statutes, and all liabilities on this bond shall be determined in accordance with the provisions of said Title, Chapter
and Article, so the extent as if they were copied at length herein.

The prevailing party in a suit on this bond shall recover as a part of the judgment such reasonable attorneys' fees as may be
fixed by a judge of the court.

Witness our hands this _____ day of _____, 20 _____.

Principal Seal

Surety Seal

Agency of Record

Arizona Countersignature

Address

Phone Number

By:

By:

Agency Address

**STATUTORY LABOR AND MATERIALS BOND
PURSANT TO TITLE 34, CHAPTER 2, ARTICLE 2 OF
THE ARIZONA REVISED STATUTES
(PENALTY OF THIS BOND MUST BE 100% OF CONTRACT AMOUNT)**

KNOW ALL MEN BY THESE PRESENTS:

That,

_____, (hereinafter called the Principal), as Principal,
and

(hereinafter called Surety), a corporation duly organized and existing the laws of the State of

_____ with its principal office in the city of _____ holding a certificate of authority to transact surety business in Arizona issued by the Director of the Department of Insurance, as Surety, are held and firmly bound unto Gila County (hereinafter called the Obligee) in the amount of (100% of Contract Amount) _____ dollars (\$ _____), for the payment whereof, the said Principal and Surety bind themselves, and their heirs, administrator, executors, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has agreed to enter into a certain contract with the Obligee for: **PINE CREEK CANYON ROAD RECONSTRUCTION PROJECT, PINE, ARIZONA**, which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall faithfully perform and fulfill all the undertakings, covenants, terms, conditions and agreements of said contract during the original term of said contract and any extension thereof, with or without notice to the Surety, and during the life of any guaranty required under the contract, and shall also perform and fulfill all the undertakings, covenants, terms, conditions, and agreements of any and all duly authorized modifications of said contract that may hereafter be made, notice of which modifications to the Surety being hereby waived; then the above obligation shall be void, otherwise to remain in full force and effect;

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Title 34, Chapter 2, Article 2, of the Arizona Revised Statutes, and all liabilities on this bond shall be determined in accordance with the provisions of said Title, Chapter and Article, so the extent as if they were copied at length herein.

The prevailing party in a suit on this bond shall recover as a part of the judgment such reasonable attorneys' fees as may be fixed by a judge of the court.

Witness our hands this _____ day of _____, 20 _____

Principal Seal

By:

Surety Seal

By:

Agency of Record

Agency Address

Arizona Countersignature

Address

Phone Number

GILA COUNTY
CONTRACT PERFORMANCE WARRANTY

I, KAY F. Lemons, representing
CARSON CONSTRUCTION CO., INC. (company name)

do hereby warranty the work performed for the waterline (as shown within the Verde Engineering Plans dated November 15, 2011) of the following overall project:

PINE CREEK CANYON ROAD RECONSTRUCTION PROJECT, PINE, ARIZONA,

for a period of **one (1) year** from completion and acceptance by the PSWID and ADEQ of said work.

and do hereby warranty all other work performed for:

PINE CREEK CANYON ROAD RECONSTRUCTION PROJECT, PINE, ARIZONA,

for a period of **two (2) years** from completion of said work.

Said work shall be free from defects which would cause the work not to perform in it's intended manner.

Kay F. Lemons 2/27/12
(Officer, Partner, Owner) Date

**Request for Taxpayer
Identification Number and Certification**

Give form to the
requester. Do not
send to the IRS.

Name (as shown on your income tax return)

Business name, if different from above
Carson Construction Co Inc

Check appropriate box: Individual/Sole proprietor Corporation Partnership
 Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶ Exempt payee
 Other (see instructions) ▶

Address (number, street, and apt. or suite no.)
472 E. Wichenby Way Ste 106

City, state, and ZIP code
Wichenby Ar 85390

List account number(s) here (optional)

Requester's name and address (optional)

Print or type
See Specific Instructions on page 2.

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I Instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number

or

Employer identification number
86-0391587

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below).

Certification Instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an Individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here Signature of U.S. person ▶ *Jhemons* Date ▶ *2/27/12*

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

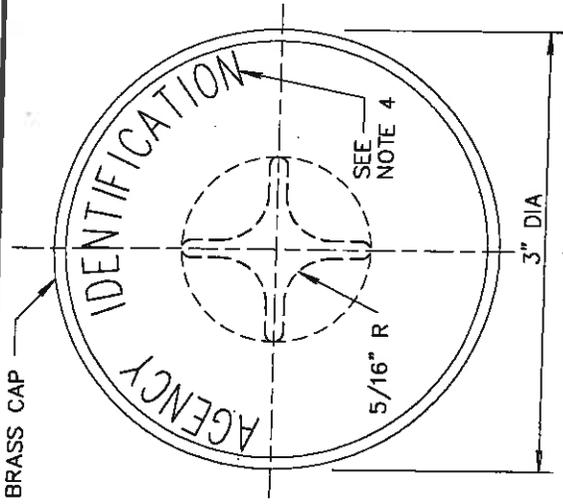
- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

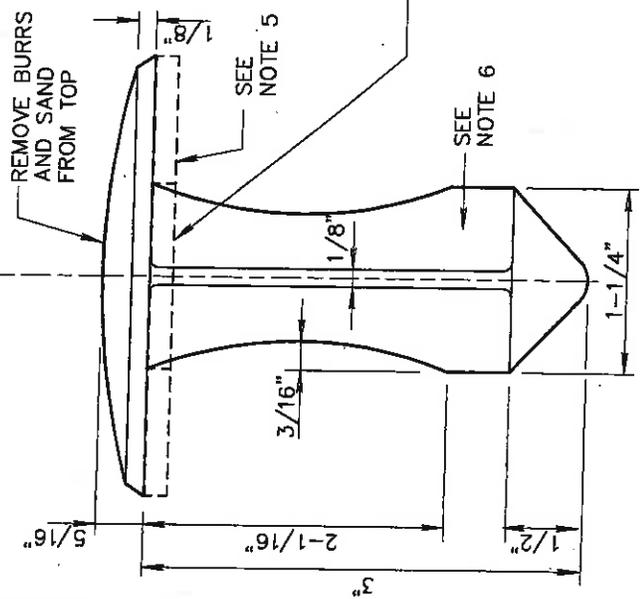
- The U.S. owner of a disregarded entity and not the entity,

SECTION VI
NOTED STANDARD DETAIL DRAWINGS

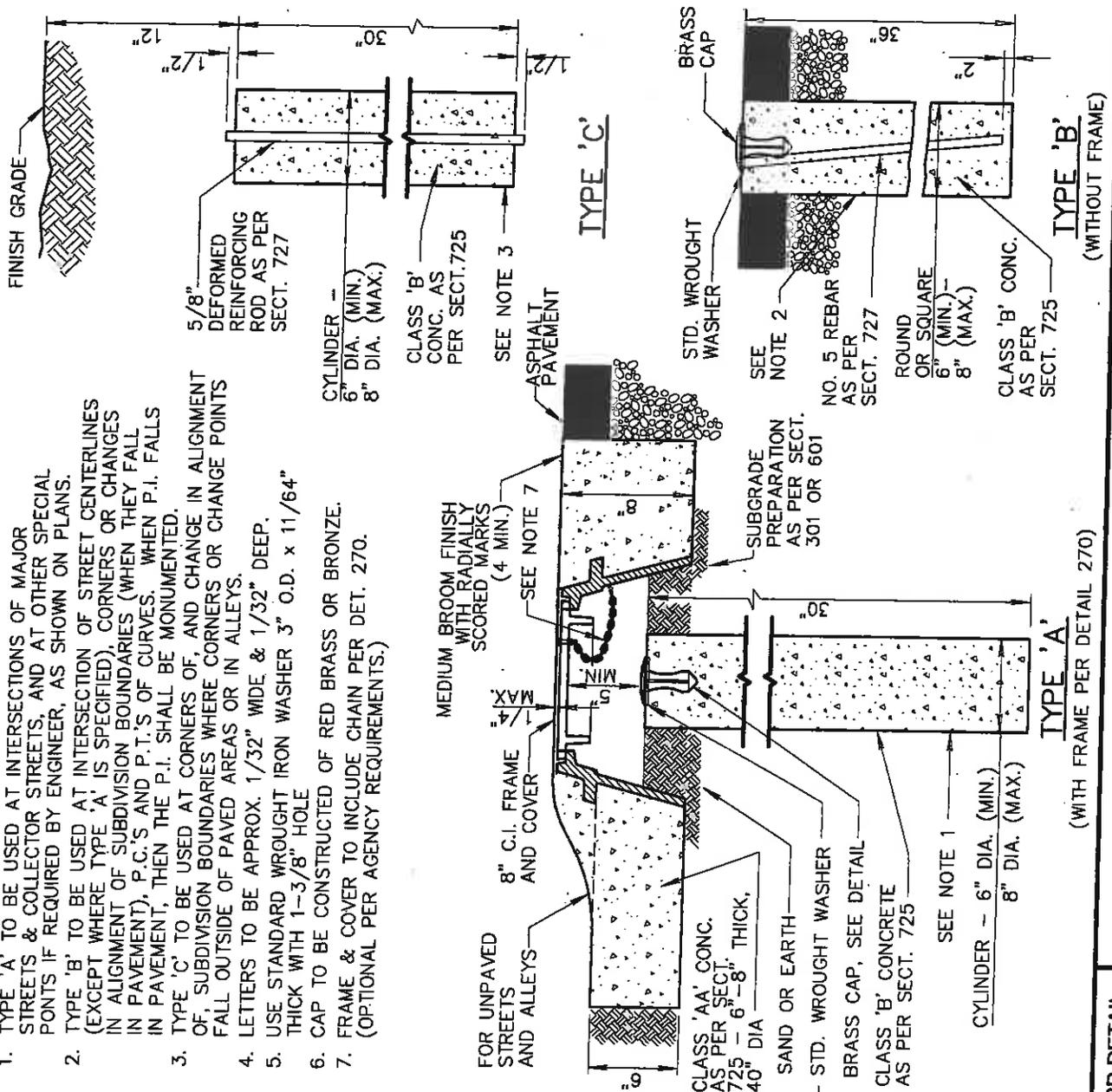


NOTES:

1. TYPE 'A' TO BE USED AT INTERSECTIONS OF MAJOR STREETS & COLLECTOR STREETS, AND AT OTHER SPECIAL POINTS IF REQUIRED BY ENGINEER, AS SHOWN ON PLANS.
2. TYPE 'B' TO BE USED AT INTERSECTION OF STREET CENTERLINES (EXCEPT WHERE TYPE 'A' IS SPECIFIED), CORNERS OR CHANGES IN ALIGNMENT OF SUBDIVISION BOUNDARIES (WHEN THEY FALL IN PAVEMENT), P.C.'S AND P.T.'S OF CURVES, WHEN P.I. FALLS IN PAVEMENT, THEN THE P.I. SHALL BE MONUMENTED.
3. TYPE 'C' TO BE USED AT CORNERS OF, AND CHANGE IN ALIGNMENT OF, SUBDIVISION BOUNDARIES WHERE CORNERS OR CHANGE POINTS FALL OUTSIDE OF PAVED AREAS OR IN ALLEYS.
4. LETTERS TO BE APPROX. 1/32" WIDE & 1/32" DEEP.
5. USE STANDARD WROUGHT IRON WASHER 3" O.D. x 11/64" THICK WITH 1-3/8" HOLE
6. CAP TO BE CONSTRUCTED OF RED BRASS OR BRONZE.
7. FRAME & COVER TO INCLUDE CHAIN PER DET. 270. (OPTIONAL PER AGENCY REQUIREMENTS.)



CAP DETAIL



(WITH FRAME PER DETAIL 270)

(WITHOUT FRAME)

DETAIL NO.

REVISED

01-01-2001

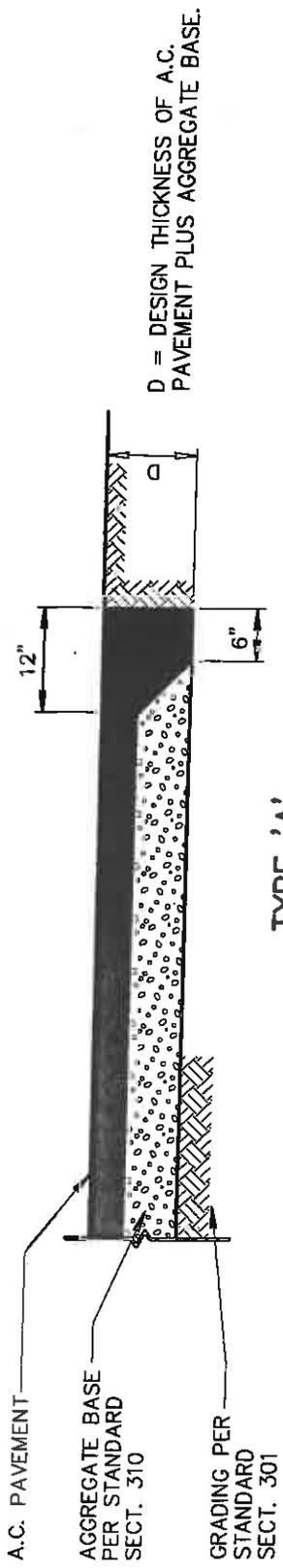
SURVEY MARKER

STANDARD DETAIL

MARICOPA ASSOCIATION OF GOVERNMENTS

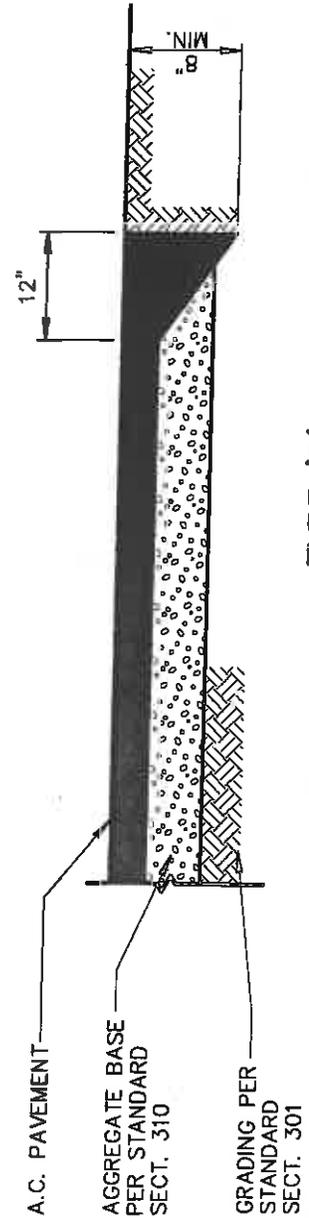
120-1

120-1



TYPE 'A'

D = DESIGN THICKNESS OF A.C. PAVEMENT PLUS AGGREGATE BASE.

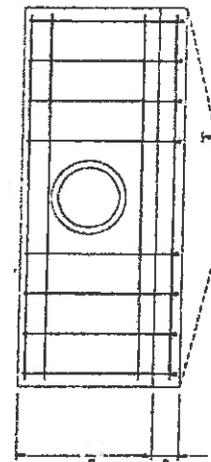
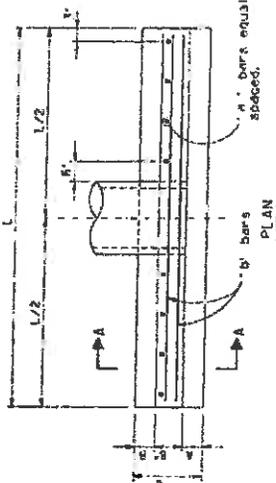


TYPE 'B'

A.C. PAVEMENT
 AGGREGATE BASE PER STANDARD SECT. 310
 GRADING PER STANDARD SECT. 301

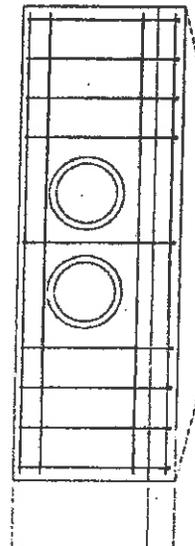
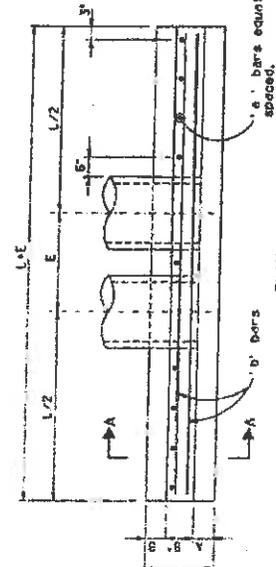
A.C. PAVEMENT
 AGGREGATE BASE PER STANDARD SECT. 310
 GRADING PER STANDARD SECT. 301

DETAIL NO. 201	 STANDARD DETAIL ENGLISH	PAVEMENT SECTION AT TERMINATION	REVISED 01-01-2008 DETAIL NO. 201
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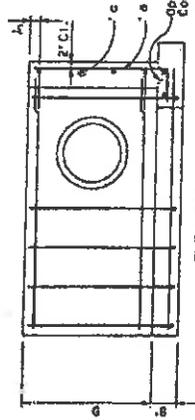
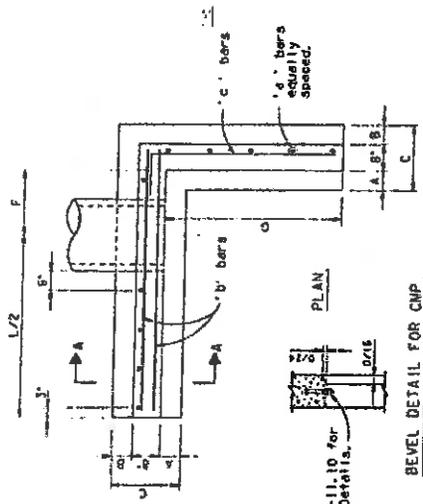
Cut-off wall for down stream headwall where required. See project plans for head and depth of cutoff wall.

SINGLE PIPE HEADWALL



Cut-off wall for down stream headwall where required. See project plans for head and depth of cutoff wall.

DOUBLE PIPE HEADWALL



L HEADWALL

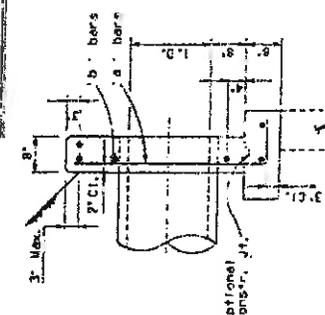
NOTE: For General Notes and Chapter Details see 576, B-11.10. Concrete pipe shown. Corrugated metal pipe similar. High point of headwall shall not project more than 3" above slope. All concrete shall be Class 'B', f' c-2500 psi. All reinforcing bars are #4. For 3 or more pipes, add quantities shown for additional pipe to Double Pipe Headwall quantities shown for Double Pipe Headwall. Add quantities shown for length by Dimension E for each additional pipe. Dimension E equals pipe spacing.

* Approximate quantities

I.D.	Single Pipe Headwall		Double Pipe Headwall		L Headwall	
	Qty.	Vol.	Qty.	Vol.	Qty.	Vol.
18"	1.2	4.0	1.4	4.4	1.1	3.4
24"	1.6	5.0	1.8	5.4	1.4	4.4
30"	2.1	6.7	2.4	7.4	1.8	5.7
36"	2.7	8.7	3.1	9.4	2.2	7.1
42"	3.4	11.0	3.9	12.0	2.8	8.9

* Quantities do not include cut-off wall.

I.D.	Single Pipe Headwall		Double Pipe Headwall		L Headwall	
	Qty.	Vol.	Qty.	Vol.	Qty.	Vol.
18"	1.2	4.0	1.4	4.4	1.1	3.4
24"	1.6	5.0	1.8	5.4	1.4	4.4
30"	2.1	6.7	2.4	7.4	1.8	5.7
36"	2.7	8.7	3.1	9.4	2.2	7.1
42"	3.4	11.0	3.9	12.0	2.8	8.9



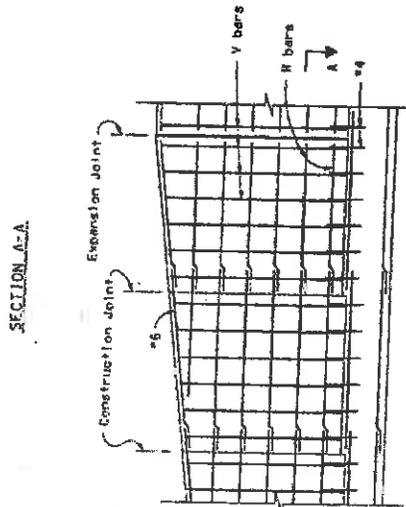
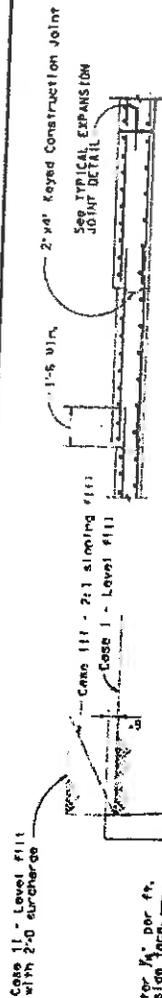
SECTION A-A

ARIZONA
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DRAWINGS
INLET AND OUTLET HEADWALLS
18" TO 42" PIPES

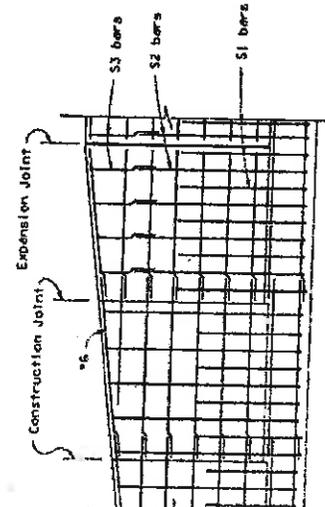
DATE: 7/20/54
BY: [Signature]
CHECKED BY: [Signature]

ARIZONA
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DRAWINGS
INLET AND OUTLET HEADWALLS
18" TO 42" PIPES

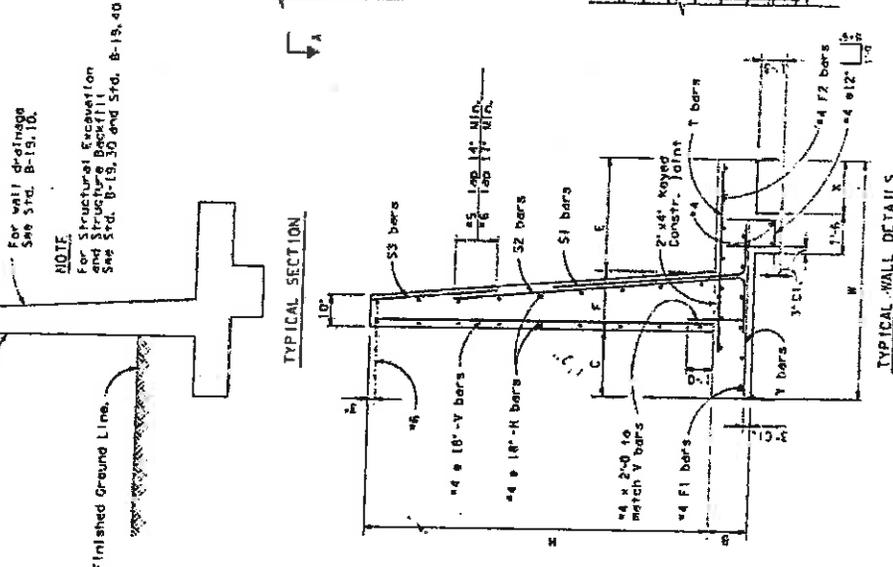
ARIZONA
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DRAWINGS
INLET AND OUTLET HEADWALLS
18" TO 42" PIPES



TYPICAL ELEVATION
Outside Face Reinforcing



TYPICAL ELEVATION
Inside Face Reinforcing



TYPICAL WALL DETAILS
Case 1, 11 & 111

GENERAL NOTES:

Construction Specifications - Arizona Department of Transportation Standard Specifications for Road and Bridge Construction, latest Edition.

Design Specifications - AASHTO Standard Specifications for Highway Bridges - Edition of 1989 and the 1990 Interim Specifications.

Dead Load - Weight of backfill = 120 p.c.f.
Coefficient of friction = .4
Angle of Backfill = 32.25°
Existing ground 30.95°

All concrete shall be Class 'S' unless noted otherwise. Reinforcing steel shall conform to ASTM Specification A615. Bar sizes #6 and #8 shall be furnished as Grade 40 but may be furnished as Grade 60 if the bar size #7 and larger shall be designed and furnished as Grade 60.

All band dimensions for reinforcing steel shall be out-to-out of bars. All placement dimensions for reinforcing steel shall be to center of bar unless noted otherwise.

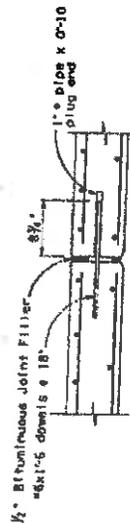
All reinforcing steel shall have 2 inch clear cover unless noted otherwise.

Stresses: Class 'S' Concrete: $f'c = 3000$ psi
Grade 40 reinforcing steel: $f_s = 20000$ psi
Grade 60 reinforcing steel: $f_s = 24000$ psi
Chamfer all exposed corners $1/4"$ as per Standard B-18.10 unless noted otherwise.

Dimensions shall not be scaled from drawings.

JOINT NOTE:

All Retaining Walls shall have Construction Joints spaced at not more than 40 feet. The location of the joint shall project through the joint. Reinforcing steel shall project through the joint. Expansion joints shall be provided at intervals not exceeding 50'-0". Footings may be continuous with no joint.



TYPICAL EXPANSION JOINT DETAIL

NOTE:

For Retaining Wall dimensions and quantities see B-18.20 and B-18.30.



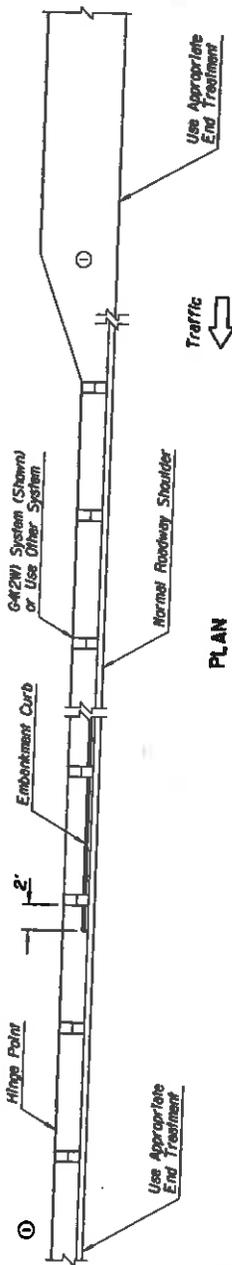
ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DRAWINGS
CANTILEVER RETAINING WALL DETAILS
B-18.10

NO.	DESCRIPTION	QTY	UNIT	AMOUNT
1	CONCRETE	1.00	CY	1.00
2	REINFORCING STEEL	1.00	TON	1.00
3	FORMWORK	1.00	SQ YD	1.00
4	BACKFILL	1.00	CY	1.00
5	FINISHED GRADE	1.00	SQ YD	1.00

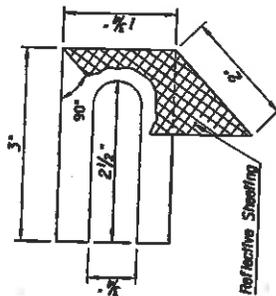
NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	MODIFIED PLAN VIEW GRADINGS/RETAINED WITH DIMENSIONS	RLP	9/04
2	REVISED GENERAL NOTES 3 & 4	RLP	9/04
3	MODIFIED STANDARD DRAWING TITLE	RLP	9/04
4	REVISED SECTION VIEW TITLE	RLP	7/05

GENERAL NOTES

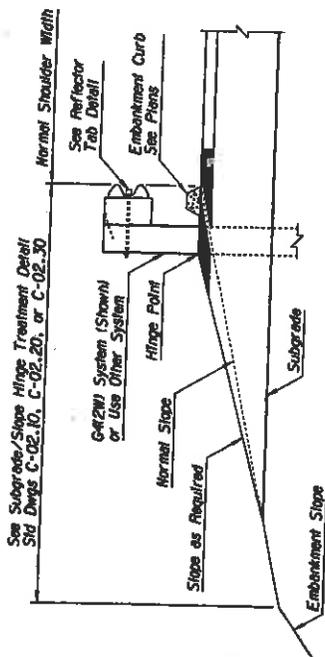
1. All embankment curb shall be protected by guardrail.
 2. Guardrail shall extend beyond the limits of embankment curb.
 3. See Std Dwg C-10.00 for measurement limits.
 4. See Std Specs 703, 905 and 1012-3 for reflector tab and snow marker materials, reflective sheeting and spacing requirements.
- ▲ Top of Ret = 29"
See General Note 1
Std Dwg C-10.03



PLAN



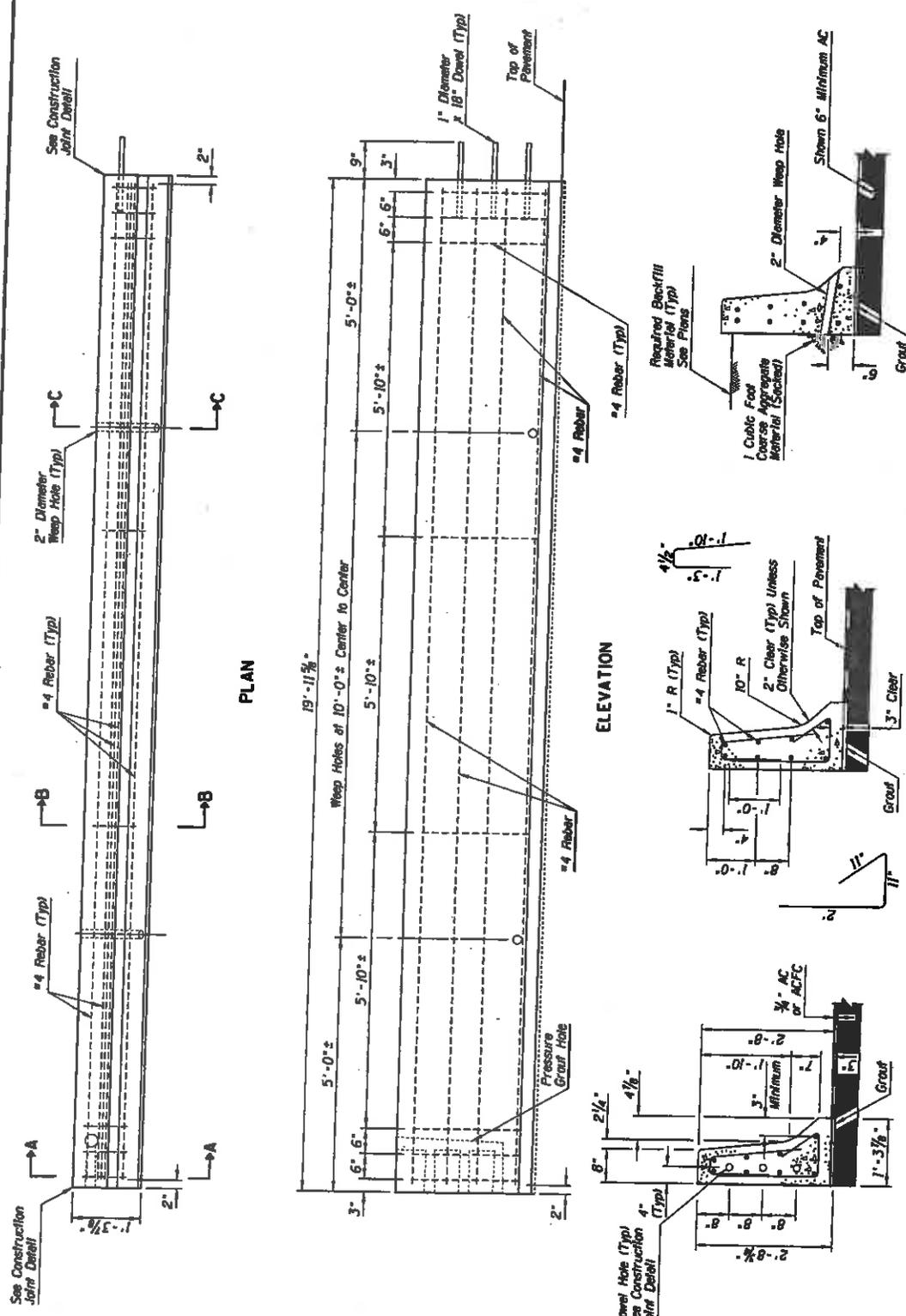
REFLECTOR TAB DETAIL



TYPE A SECTION

APPROVED FOR REVISION	STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION ROADWAY STANDARD DRAWINGS	REV. 5/07
APPROVED FOR REVISION	GUARDRAIL INSTALLATION TYPE A AND REFLECTOR TAB	DESIGNED BY C-10.01

DESCRIPTION OF REVISIONS		DATE
1	REMOVED STD ENG FROM C-ROAD TO C-ROAD & REVISED TITLE	5/1/04
2		
3		



GENERAL NOTES

1. Concrete half barrier shall be precast.
2. Concrete shall be Class S, $f'_c = 4000$ PSI.
3. Pavement thickness adjacent to half barrier shall be $\frac{3}{4}$ " minimum.
4. The half barrier shall be placed upon a bed of grout in order to provide a uniform bearing.
5. Doweled Joints shall be grouted under pressure until all of the openings and the joints are filled.
6. All bend dimensions for rebar are out-to-out of rebars.
7. Weep holes shall be placed wherever half barrier is located unless otherwise indicated on the plans.

PLAN

ELEVATION

CONSTRUCTION JOINT DETAIL

SECTION A-A

AT REBAR
SECTION B-B
SEE SECTION A-A FOR
TYPICAL REBAR PLACEMENT

AT WEEP HOLE
SECTION C-C
SEE SECTION A-A FOR
TYPICAL REBAR PLACEMENT

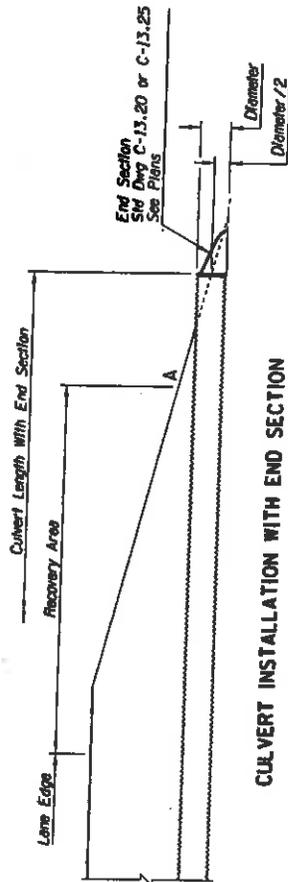
DESIGNED BY: *Henry Vignone*
 APPROVED FOR CONSTRUCTION: *[Signature]*

STATE OF ARIZONA
 DEPARTMENT OF TRANSPORTATION
 ROADWAY STANDARD DRAWINGS

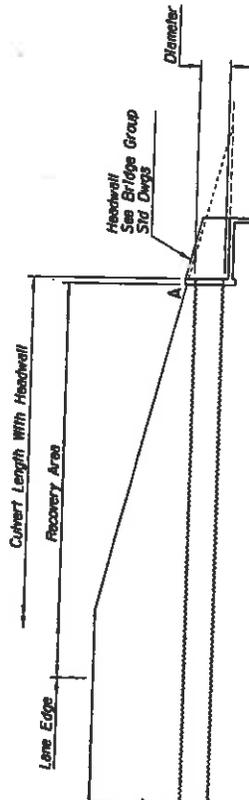
CONCRETE HALF BARRIER
 TYPE F
 PRECAST

DATE: 5/07
 DRAWING NO. C-10-50
 SHEET 2 OF 2

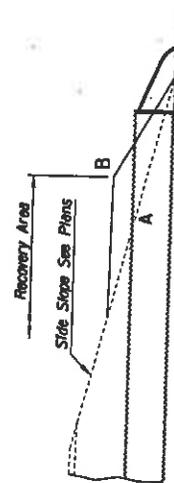
NO.	DESCRIPTION OF REVISIONS	DATE
1	REVISED STANDARD DRAWING	7/05
2		
3		
4		



CULVERT INSTALLATION WITH END SECTION

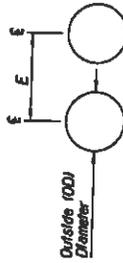


CULVERT INSTALLATION WITH HEADWALL

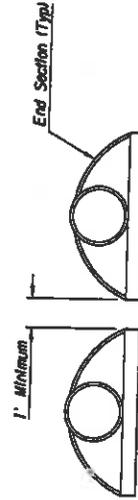


PIPE WITH BERM REQUIREMENT DETAIL
See General Note 4

MINIMUM SPACING FOR MULTIPLE PIPES WITH HEADWALL		E (ft-in)
Diameter or Spacing (ft)	18	
24		2-6
30		3-0
36		3-9
42		4-6
48 to 66		5-3
72 and Over		6-0 + 3-0



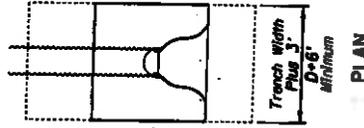
MINIMUM SPACING FOR MULTIPLE PIPES WITH HEADWALL



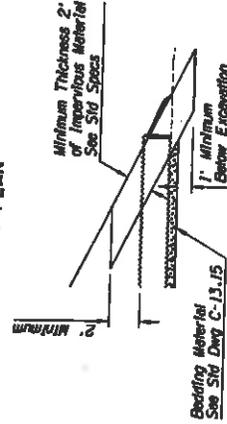
MINIMUM SPACING FOR MULTIPLE PIPES WITH END SECTIONS

GENERAL NOTES

1. See Plans for any required inlet and/or outlet protection.
2. E dimension applies to both non-trench and trench conditions.
3. Minimum cover over pipe invert shall be 1', measured from the top of pipe.
4. See Pipe Berm Requirement Detail for pipe berm requirements and Std Dwg C-03.10 for installation. If Point A is within the recovery area, then a pipe berm is required and Point B is set at the edge of the recovery area.
5. Slope piling shall conform to Std Spec 501.



PLAN

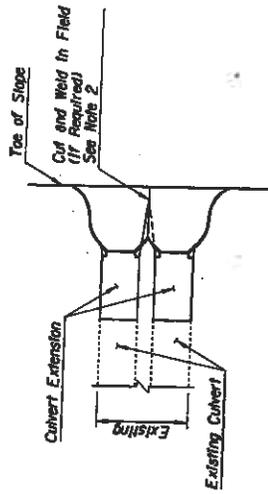


ELEVATION

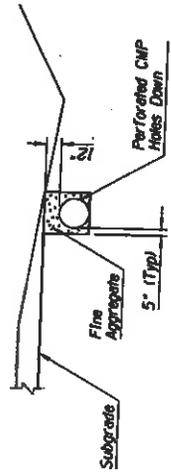
SLOPE PLATING FOR PIPE WITH END SECTIONS

DESIGNED FOR FIELD	STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION ROADWAY STANDARD DRAWINGS	DATE 5/07
APPROVED FOR CONSTRUCTION	PIPE CULVERT INSTALLATION	C-13.10 Sheet 1 of 2

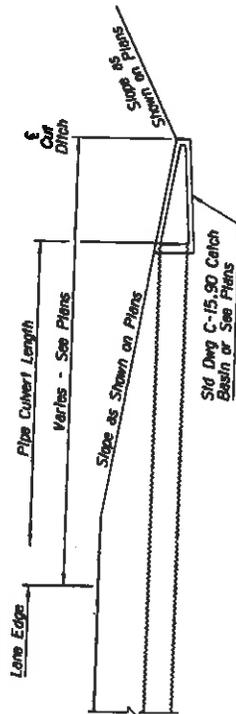
NO.	DESCRIPTION OF REVISIONS	DATE
1	NEW GENERAL NOTE 2	5/04
2		
3		
4		



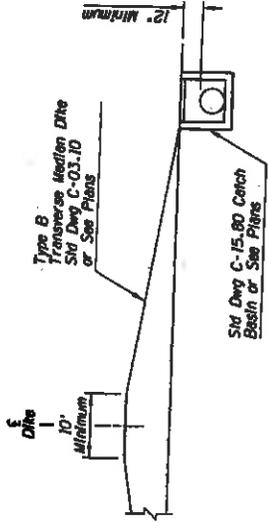
SPECIAL MULTIPLE PIPE END SECTION DETAIL FOR PIPE CULVERT EXTENSIONS ONLY



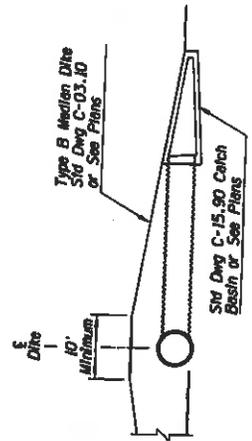
PERFORATED CMP INSTALLATION



PIPE AND CATCH BASIN INSTALLATION AT SAG CONDITION OF CUT DITCH



PIPE AND CATCH BASIN INSTALLATION AT BASE OF TRANSVERSE DIKE



PIPE AND CATCH BASIN INSTALLATION AT FACE OF TRANSVERSE DIKE

GENERAL NOTES

1. Minimum cover over pipe culverts shall be 12".
2. After welding, the damaged coating shall be cleaned by wire brush and primed with at least one full coat of Primer Number 4, or given two coats of an approved hot asphalt paint, as directed by the Engineer.

DESIGNED FOR REVIEW	REV.
May, Aguiar	5/07
APPROVED FOR DISTRIBUTION	DATE
STATE OF ARIZONA	PROJECT NO.
DEPARTMENT OF TRANSPORTATION	C-13.10
ROADWAY STANDARD DRAWINGS	Sheet 2 of 2
PIPE CULVERT INSTALLATION	

Dwg# 6/06/11

● FOR ELEVATIONS ABOVE 4,000', USE THE VALUES IN PARENTHESES

PROJECT NO.	SHEET TOTAL
9	10
DATE	AS BUILT

GENERAL NOTES

1. This detail is for roadway layout only.
2. The ET-PLUS shall be installed in accordance with the manufacturer's specifications and current approved drawings including all details, hardware, hardware quantities, and other information.
3. The current manufacturer's approved drawing is number SS-358, 05/16/11. Visit the Roadway Design web site to view and print the drawing.
4. "Leaveout" in asphaltic concrete shall be provided in the AC pavement around the quadrilateral posts at the locations and dimensions specified on the manufacturer approved drawings. "Leaveout" material shall consist of a 1'-soak grad mix or other non-cohesive material as approved by the engineer.
5. See specifications and Traffic Signing and Marking Standard Drawings.

③ "Leaveout" Pavement Area Posts 3 Through 8 (Typ) See General Note 3

③ Timber Post Posts 3 through 8 (Typ)

HBA Post (Typ) Posts 1 & 2
Extruder Terminal
Extruder Terminal Destination See Note 4
1' (2')

PLAN

12'-6" W-Beam (Typ)

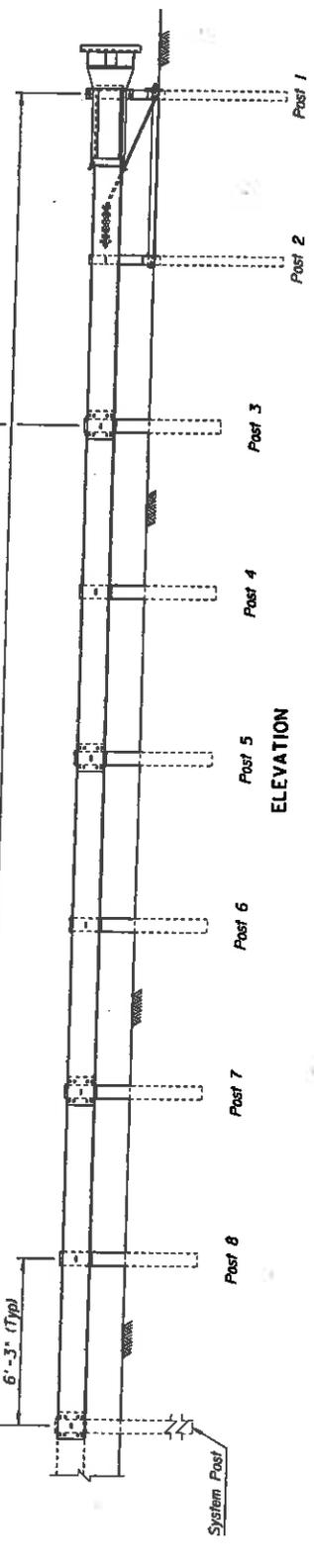
Guardrail Measurement Limit (L in Ft)

ET-PLUS Measurement Limit (Each) 50'-0"

Length of Road

Traffic

ELEVATION



DETAIL

Sheet 1 of 2
LAYOUT FOR ET-PLUS
HBA POSTS
(AC PAVEMENT)

DESIGNED BY	J.C. Cooper
CHECKED BY	Mary Vipariano
DATE	
LOCATION	
PROJECT NO.	
SHEET OF	
TRACS NO.	

W:\ROADWAY\Drawings\Roadway\6/06/11.dwg

4/11/11 4:08 PM 85-6672(1)

DATE	DESCRIPTION OF REVISIONS
5/22/07	1. REISSUED DRAWING WITH MODIFIED APPROACH TAPER
7/09/09	2. REVISED TITLE BLOCK NAME & DRAWING DATE
6/08/11	3. ADDED "LEAVEOUT" CALLOUT & NEW GENERAL NOTE 3

Note to Designer: The information presented in this Roadway Plans Detail is for general use. Designers should verify themselves that their project site conditions are not be altered, except for the addition of the Detail designation. Right-of-way for use of this drawing. Contents within the inner border shall not be altered, except for the addition of the Detail designation.

Date: 05/16/11

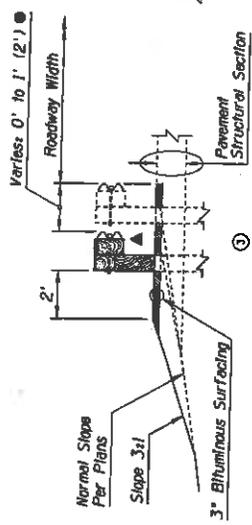
Note to Designer:
 The information presented in this Roadway Plans Detail is for general use.
 Designers should satisfy themselves that their project site conditions are
 suitable for use of this drawing contents within the inner border shell.
 Not to be drawn except for the addition of the detail designation.

DESCRIPTION OF REVISIONS	DATE	MADE BY
1. REISSUED DRAWING WITH MODIFIED APPROACH TAPER	5/22/07	R.F.
2. APPROVED APPROACH TAPER CRITERIA	7/03/09	R.F.
3. APPROVED LEAVEOUT CALLOUT & REVISED SECTION VIEWS	5/16/11	R.F.
4. APPROVED LEAVEOUT DETAIL	5/16/11	R.F.

● FOR ELEVATIONS ABOVE 4,000 FT, USE THE VALUES IN PARENTHESES

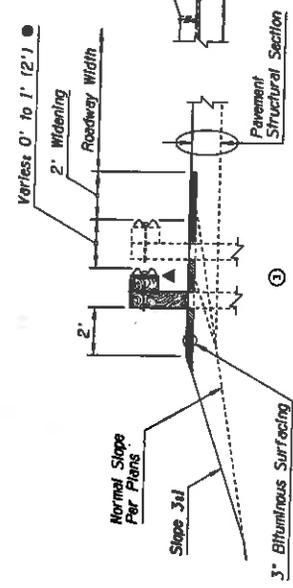
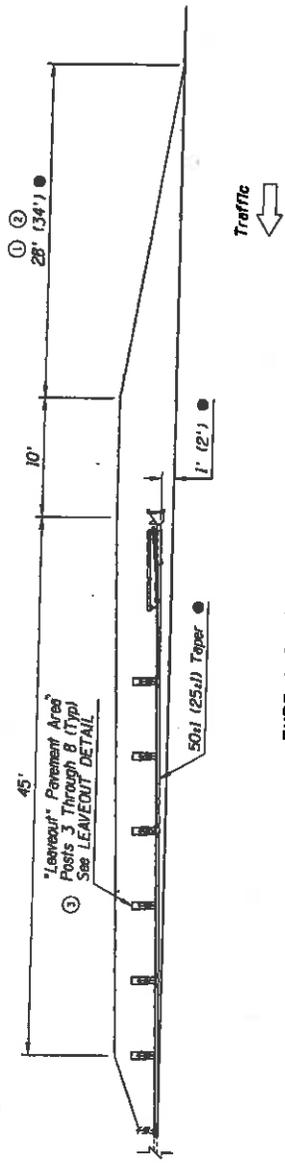
▲ Top of Rail = 28'
 See General Note 1
 STD Dwg C-10.03

DATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9				



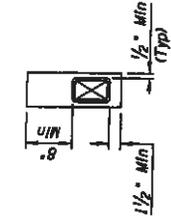
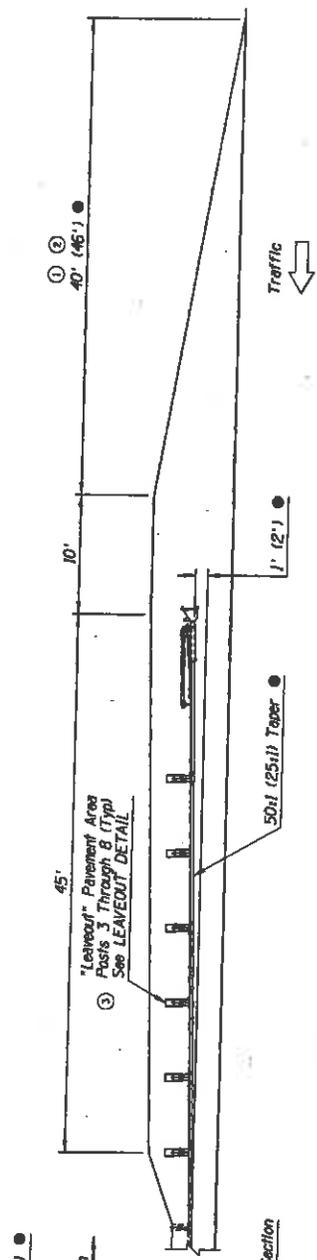
TYPE A SECTION

TYPE A GUARDRAIL INSTALLATION
 (FACE OF RAIL AT EDGE OF PAVEMENT)



TYPE B SECTION

TYPE B GUARDRAIL INSTALLATION
 (FACE OF RAIL OFFSET 2' FROM NORMAL EDGE OF PAVEMENT)



LEAVEOUT DETAIL

DETAIL

Sheet 2 of 2
 LAYOUT FOR ET-PLUS
 HBA POSTS
 (AC PAVEMENT)

DESIGNED BY	J.C. Cooper
CHECKED BY	Mary Viparina
DATE	05/16/11
PROJECT NO.	
SHEET NO.	OF