AGENDA

MANDATORY PRE-BID FOR IFB 2020-0209-PW/MM
SURFACE AND DRAINAGE IMPROVEMENTS FOR SUNLIT SUBDIVISION
JUNE 29, 2020 @ 2:00PM (MDT) Teleconference Conference Only
The call-in number is 1-877-820-7831. The guest passcode is 445752

Contracting Agency: Santa Fe County Public Works Department

• **Maricela Martinez**	**Procurement Planner Analyst**	**Purchasing Division**
• **Diego Gomez**	**Projects Engineer**	**Public Works**
• **Derrek Garcia**	**Project Manager**	**Public Works**

Project Information

The Santa Fe County Public Works Department requests bids for the purpose of procuring a licensed construction company for surface and drainage improvements to multiple Santa Fe County Roads. The work consists of surface and drainage improvements in accordance with the NMDOT specifications. The work includes but is not limited to subgrade preparation, 4" of base course, 2" of hotmix asphalt, placement of guardrails and drainage culverts.

Project Budget: $1.4 Million

Bid Documents

- Complete Bid Documents are available on the Santa Fe County website at www.santafecountynm.gov/asd/current_bid_solicitations.
- Carefully read all bid documents for requirements, including the sample contract agreement for all terms & conditions.
- All bid forms must be completed and signed and included in bid submittal as outlined on page 19 "Bid Forms" in the IFB. ***Failure to include any of the listed documents in the bid submittal may be considered grounds for disqualification of the bidder and rejection of its bid.***
- Subcontractor Listing Form must be completed with all required information. The bidder shall list the Subcontractor's name, City or County of the place of business and the trade/category of work.
- All contractors and subcontractors must be registered with the N.M. Department of Workforce Solutions for all work over $60,000 on day of bid. (**Must be registered as "Active**").
- Double-sided bid submittal: Santa Fe County Resolution 2013-7 "Adopting sustainable Resource Management Principals".

BID Information

- **Basis of Award** — The lowest, ***responsive*** lump sum bid. The County reserves the right to cancel the award if there are not sufficient appropriations available.

- **Last Day for questions** — Wednesday, July 1, 2020, 5:00 pm via e-mail to Maricela Martinez at mcmartinez@santafecountynm.gov

- **Addendum Issued** — Thursday, July 2, 2020 will be posted to the Santa Fe County website and e-mailed to all who have submitted their Acknowledgement of Receipts. ***Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.***

- **Bid Schedule:** — ***Bid Opening:*** **Wednesday, July 15, 2020, at 2:00 pm MDT**
  Location: Santa Fe County Purchasing Division
  142 W. Palace Ave., 2nd Floor
  Santa Fe, NM 87501

IMPORTANT UPDATE

The bid opening will occur on July 15, 2020 at 2:00pm in the conference room of the Finance Department, 2nd Floor, 142 W. Palace Avenue, Santa Fe, NM. If the firm submitting a bid chooses to stay for the bid opening, only ONE (1) person representing the firm may be in the conference room. Arms-length distance will be maintained during the opening. face masks must be worn and hand sanitizer will be available, all surfaces will be wiped down with disinfectant. If you plan on attending in person please e-mail me at mcmartinez@santafecountynm.gov.

A Conference Line has also been set up for those who prefer to attend the Bid Opening by phone. The call-in number is 1-877-820-7831. The guest passcode is 445752.

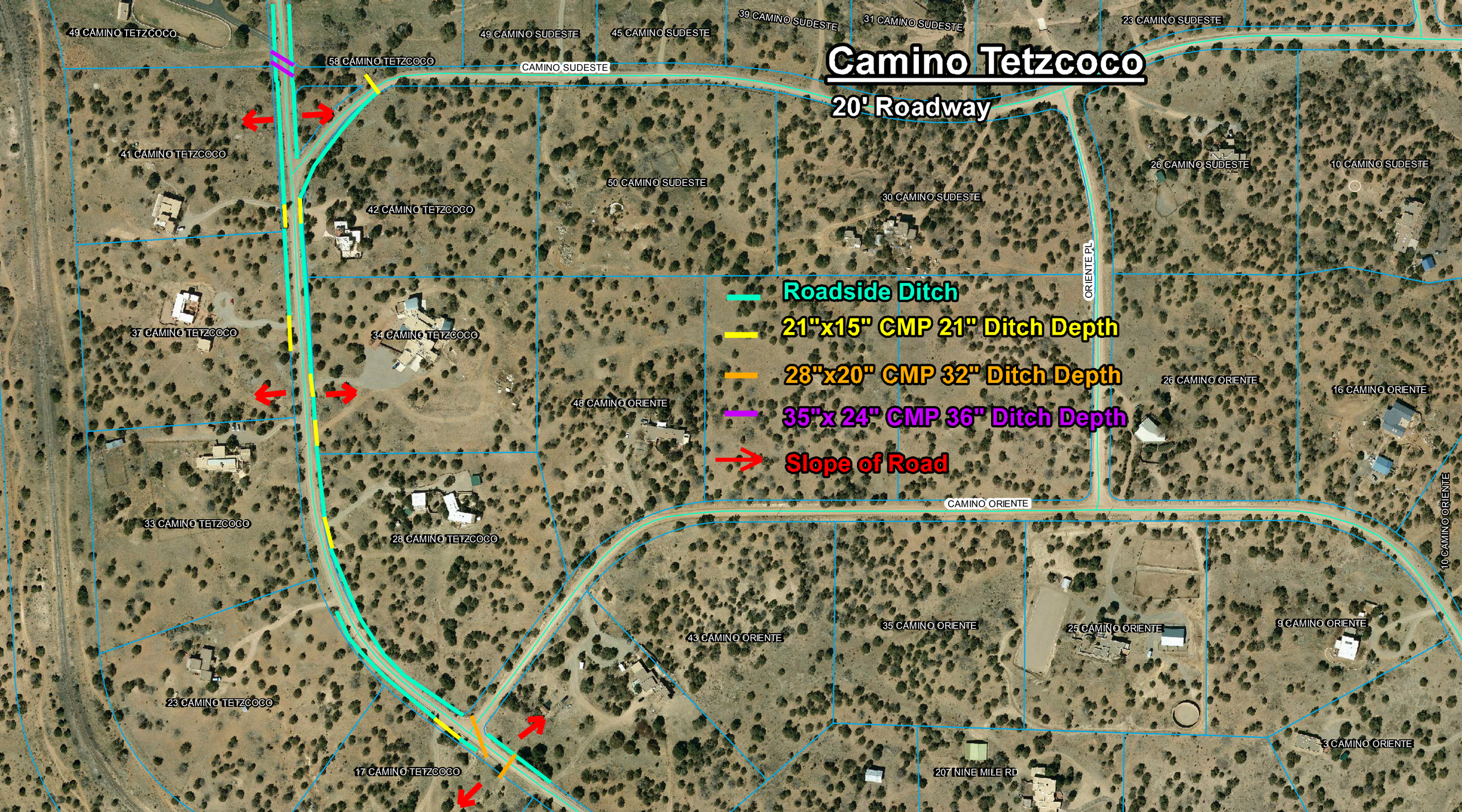
OPEN FOR QUESTIONS:
All questions must be submitted in writing
(e-mail to mcmartinez@santafecountynm.gov)

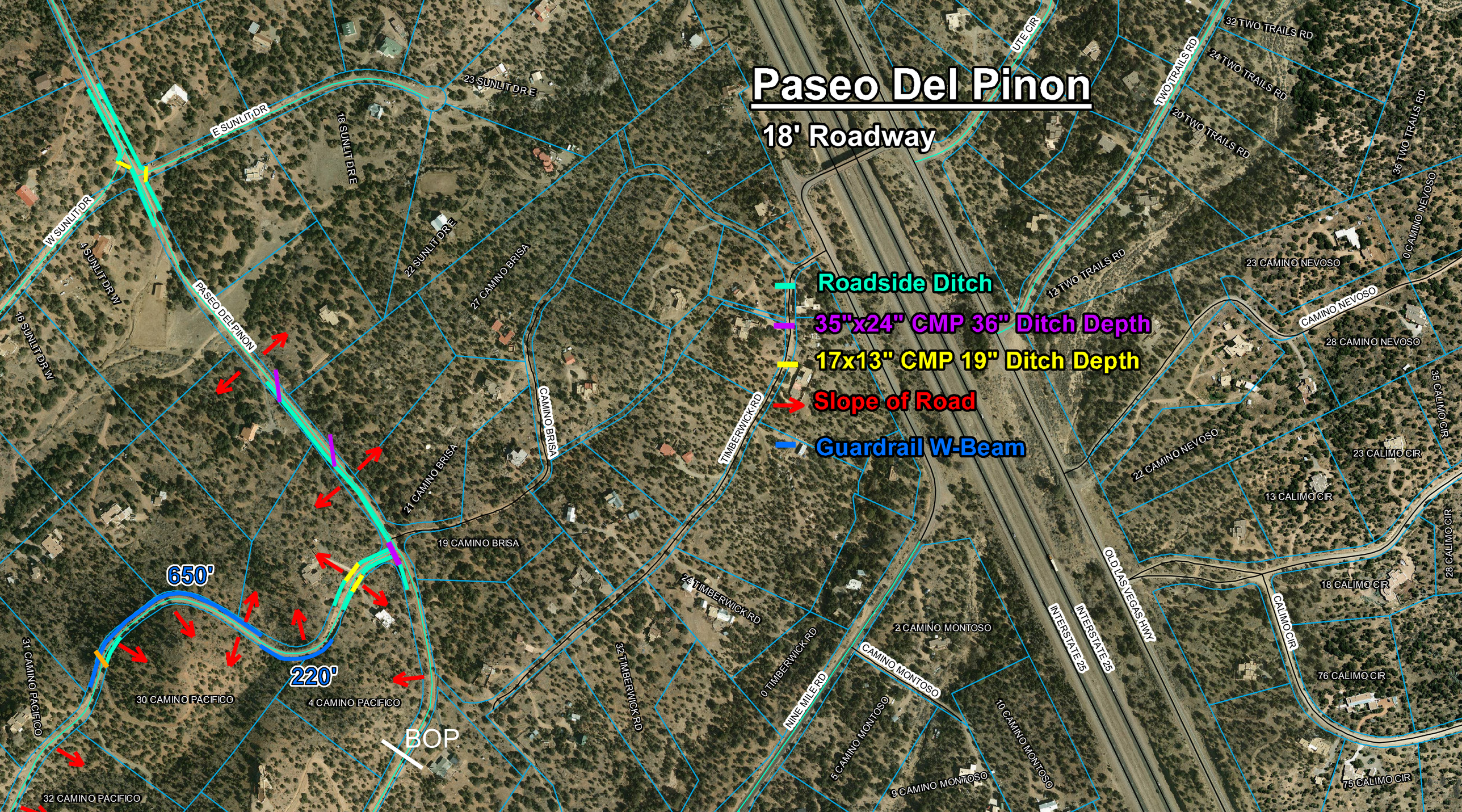
THIS IS A MANDATORY PRE-BID CONFERENCE, ONLY THOSE CONTRACTORS IN ATTENDANCE CAN BID ON THIS PROJECT

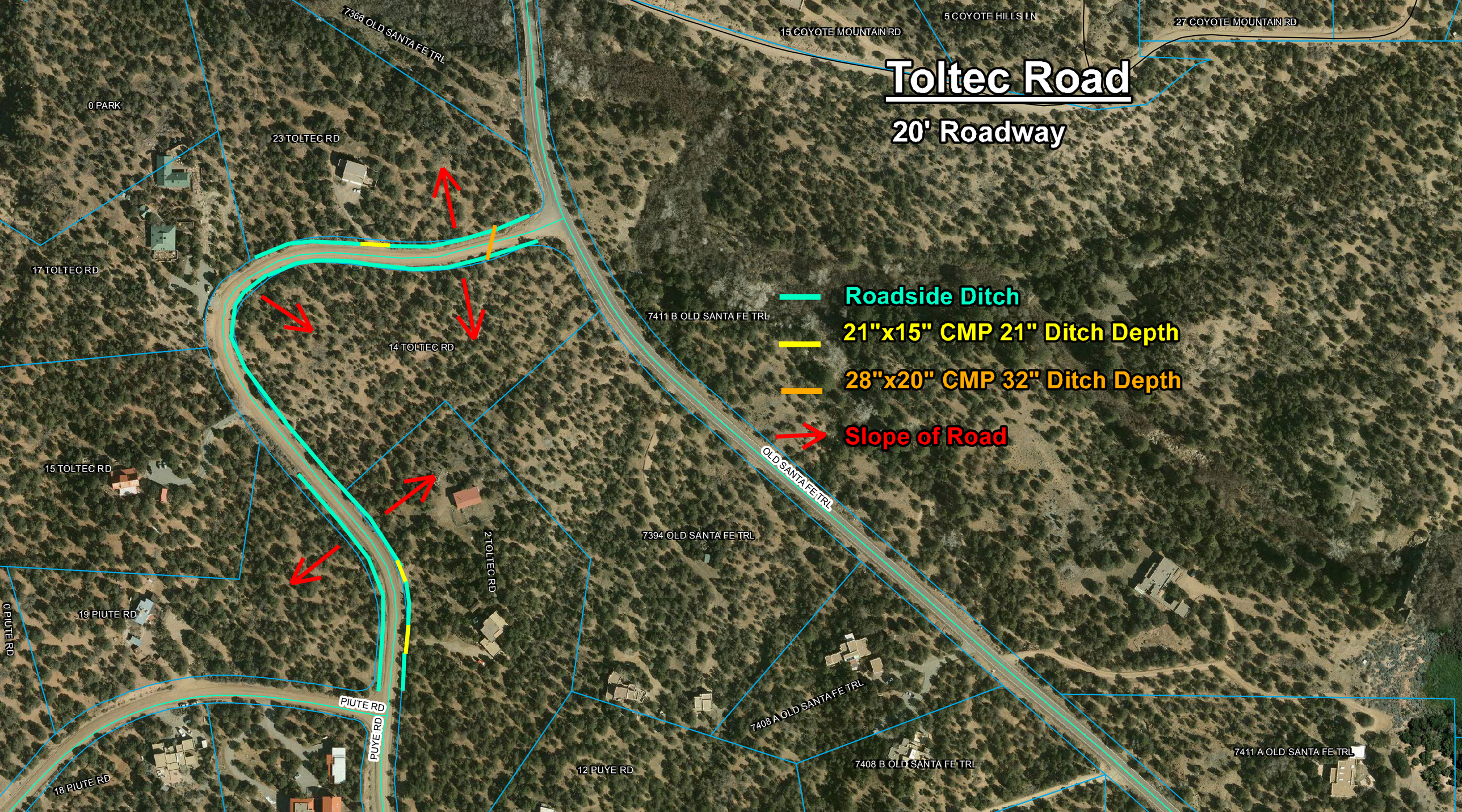
ATTACHMENTS: Project Road Maps:

- Camino Pacifico
- Paseo Del Pinon
- Camino Tetzcoco
- Toltec Road

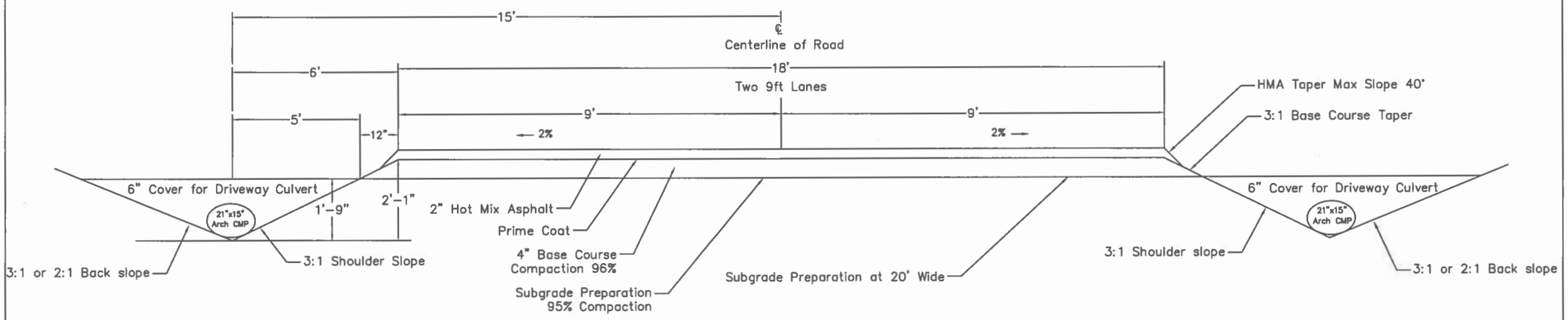

Camino Pacifico
18' Roadway
650'
220'
BOP
Roadside Ditch
28"x20" CMP 32" Ditch Depth
17"x13" CMP 19" Ditch Depth
Slope of Road
Guardrail W-Beam
21" x 15" CMP
W SUNLIT DR
CAMINO BRISA
19 CAMINO BRISA
PASEO DEL PINON
TIMBERWICK RD
24 TIMBERWICK RD
32 TIMBERWICK RD
0 TIMBERWICK RD
NINE MILE RD
2 CAMINO MONTOSO
5 CAMINO MONTOSO
9 CAMINO MONTOSO
10 CAMINO MONTOSO
INTERSTATE 25
OLD LAS VEGAS HWY
CALIMO CIR
31 CAMINO PACIFICO
37 CAMINO PACIFICO
30 CAMINO PACIFICO
4 CAMINO PACIFICO
32 CAMINO PACIFICO
43 CAMINO PACIFICO
53 CAMINO PACIFICO
61 CAMINO PACIFICO
65 CAMINO PACIFICO
44 CAMINO PACIFICO
54 CAMINO PACIFICO
71 CAMINO PACIFICO
78 CAMINO PACIFICO
75 CAMINO PACIFICO
86 CAMINO PACIFICO
83 CAMINO PACIFICO
85 CAMINO PACIFICO
127 NINE MILE RD
96 NINE MILE RD
6 OLD DOG RUN
15 OLD DOG RUN
OLD DOG RUN
115 COYOTE CROSSING
8 APACHE PLUME DR
16 APACHE PLUME DR
7 APACHE PLUME DR
23 APACHE PLUME DR
22 APACHE PLUME DR
26 APACHE PLUME DR
30 APACHE PLUME DR
27 A APACHE PLUME DR
27 B APACHE PLUME DR
32 APACHE PLUME DR
46 APACHE PLUME DR
35 APACHE PLUME DR
38 APACHE PLUME DR
APACHE PLUME DR
48 A APACHE PLUME DR


Camino Tetzcoco
20' Roadway
Roadside Ditch
21"x15" CMP 21" Ditch Depth
28"x20" CMP 32" Ditch Depth
35"x 24" CMP 36" Ditch Depth
Slope of Road
49 CAMINO TETZCOCO
58 CAMINO TETZCOCO
CAMINO SUDESTE
49 CAMINO SUDESTE
45 CAMINO SUDESTE
39 CAMINO SUDESTE
31 CAMINO SUDESTE
23 CAMINO SUDESTE
41 CAMINO TETZCOCO
42 CAMINO TETZCOCO
50 CAMINO SUDESTE
30 CAMINO SUDESTE
26 CAMINO SUDESTE
10 CAMINO SUDESTE
ORIENTE PL
37 CAMINO TETZCOCO
34 CAMINO TETZCOCO
48 CAMINO ORIENTE
26 CAMINO ORIENTE
16 CAMINO ORIENTE
33 CAMINO TETZCOCO
28 CAMINO TETZCOCO
CAMINO ORIENTE
10 CAMINO ORIENTE
43 CAMINO ORIENTE
35 CAMINO ORIENTE
25 CAMINO ORIENTE
9 CAMINO ORIENTE
23 CAMINO TETZCOCO
3 CAMINO ORIENTE
17 CAMINO TETZCOCO
207 NINE MILE RD


Paseo Del Pinon
18' Roadway
Roadside Ditch
35"x24" CMP 36" Ditch Depth
17x13" CMP 19" Ditch Depth
Slope of Road
Guardrail W-Beam
650'
220'
BOP
E SUNLIT DR
W SUNLIT DR
4 SUNLIT DR W
16 SUNLIT DR W
18 SUNLIT DR E
22 SUNLIT DR E
23 SUNLIT DR E
PASEO DEL PINON
27 CAMINO BRISA
CAMINO BRISA
21 CAMINO BRISA
19 CAMINO BRISA
TIMBERWICK RD
24 TIMBERWICK RD
32 TIMBERWICK RD
0 TIMBERWICK RD
NINE MILE RD
2 CAMINO MONTOSO
CAMINO MONTOSO
5 CAMINO MONTOSO
9 CAMINO MONTOSO
10 CAMINO MONTOSO
30 CAMINO PACIFICO
4 CAMINO PACIFICO
31 CAMINO PACIFICO
32 CAMINO PACIFICO
INTERSTATE 25
INTERSTATE 25
OLD LAS VEGAS HWY
UTE CIR
TWO TRAILS RD
12 TWO TRAILS RD
20 TWO TRAILS RD
24 TWO TRAILS RD
32 TWO TRAILS RD
36 TWO TRAILS RD
0 CAMINO NEVOSO
23 CAMINO NEVOSO
CAMINO NEVOSO
28 CAMINO NEVOSO
22 CAMINO NEVOSO
35 CALIMO CIR
23 CALIMO CIR
13 CALIMO CIR
28 CALIMO CIR
18 CALIMO CIR
CALIMO CIR
76 CALIMO CIR
75 CALIMO CIR


Toltec Road
20' Roadway
Roadside Ditch
21"x15" CMP 21" Ditch Depth
28"x20" CMP 32" Ditch Depth
Slope of Road
7366 OLD SANTA FE TRL
15 COYOTE MOUNTAIN RD
5 COYOTE HILLS LN
27 COYOTE MOUNTAIN RD
0 PARK
23 TOLTEC RD
17 TOLTEC RD
14 TOLTEC RD
7411 B OLD SANTA FE TRL
15 TOLTEC RD
2 TOLTEC RD
7394 OLD SANTA FE TRL
OLD SANTA FE TRL
19 PIUTE RD
0 PIUTE RD
PIUTE RD
PUYE RD
7408 A OLD SANTA FE TRL
7411 A OLD SANTA FE TRL
12 PUYE RD
7408 B OLD SANTA FE TRL
18 PIUTE RD

2020 Sunlit Hills Paving Projects
Camino Pacifico, Paseo del Pinon
Typical Section
2" HMA and 4" Basecouse
18ft Asphalt Driving Surface SP – IV



General Notes

- All work shall comply with current NMDOT standards and specifications

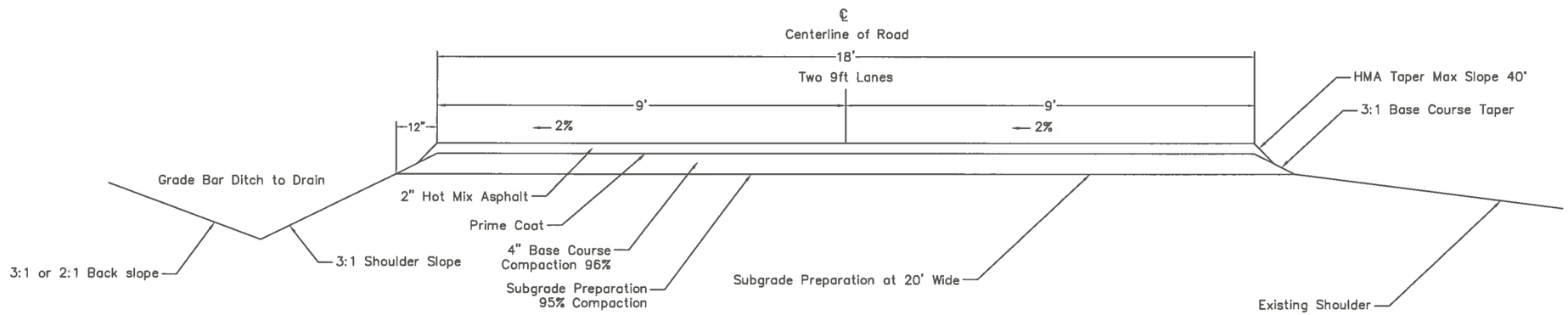
SANTA FE COUNTY

Camino Pacifico/
Paseo Del Pinon

DIEGO A. GOMEZ
NEW MEXICO
19357
4/9/20
PROFESSIONAL ENGINEER

Project: Sunlit Hills	
Date: 4/9/2020	1/7
Scale: NTS	

2020 Sunlit Hills Paving Projects
Paseo Del Pinon, Camino Pacifico
Typical Section Super Elevation
2" HMA and 4" Basecouse
18ft Asphalt Driving Surface SP – IV



General Notes

- All work shall comply with current NMDOT standards and specifications

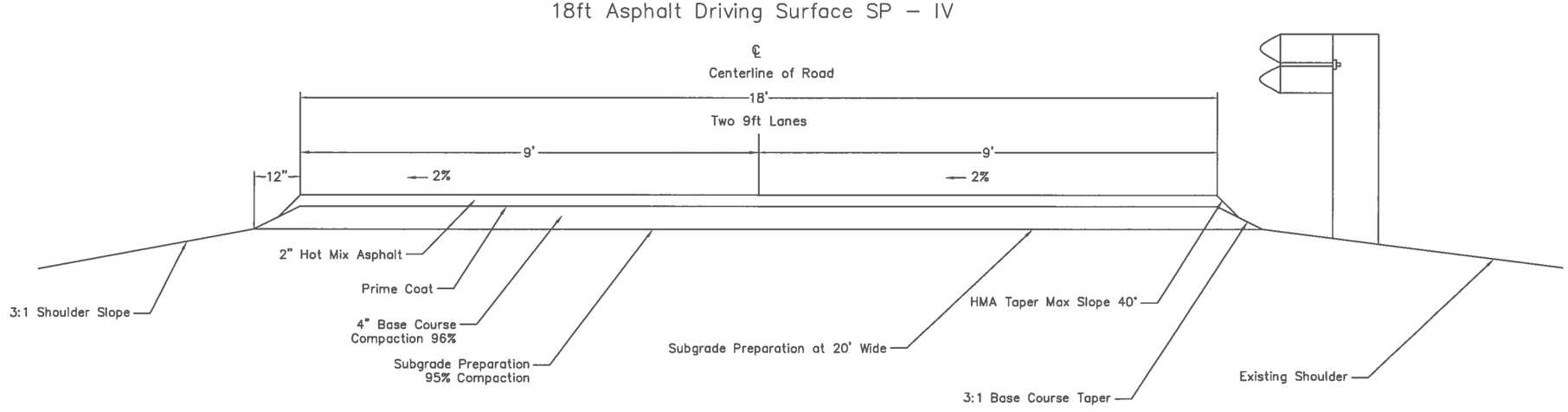
SANTA FE COUNTY

Camino Pacifico/
Paseo Del Pinon

DIEGO A. GOMEZ
NEW MEXICO
19357
PROFESSIONAL ENGINEER
4/9/20

Project	
Sunlit Hills	
Date	
4/9/2020	2/7
Scale	
NTS	

2020 Sunlit Hills Paving Projects
Camino Pacifico
Typical Section for Super Elevation with Guardrail
2" HMA and 4" Basecouse
18ft Asphalt Driving Surface SP – IV



General Notes

- All work shall comply with current NMDOT standards and specifications

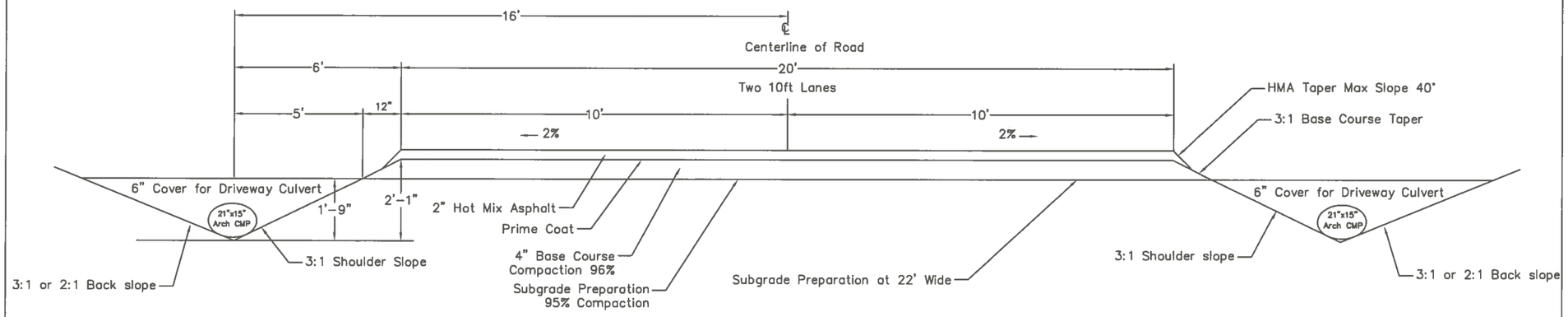
SANTA FE COUNTY

Camino Pacifico

DIEGO A. GOMEZ
NEW MEXICO
19357
4/9/20
PROFESSIONAL ENGINEER

Project: Sunlit Hills	
Date: 4/9/2020	3/7
Scale: NTS	

2020 Sunlit Hills Paving Projects
Camino Tetzcoco, Toltec Road
Typical Section
2" HMA and 4" Basecouse
20ft Asphalt Driving Surface SP – IV



General Notes

- All work shall comply with current NMDOT standards and specifications

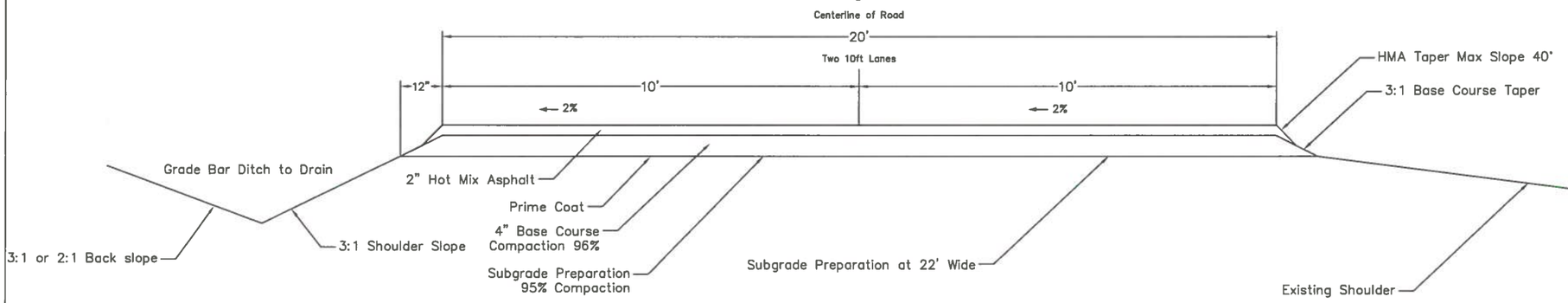
SANTA FE COUNTY

Camino Tetzcoco/
Toltec Road

DIEGO A. GOMEZ
NEW MEXICO
19357
4/9/20
PROFESSIONAL ENGINEER

Project	
Sunlit Hills	
Date	
4/9/2020	4/7
Scale	
NTS	

2020 Sunlit Hills Paving Projects
Camino Tetzcoco, Toltec Road
Typical Section Super Elevation
2" HMA and 4" Basecouse
20ft Asphalt Driving Surface SP – IV



General Notes

- All work shall comply with current NMDOT standards and specifications

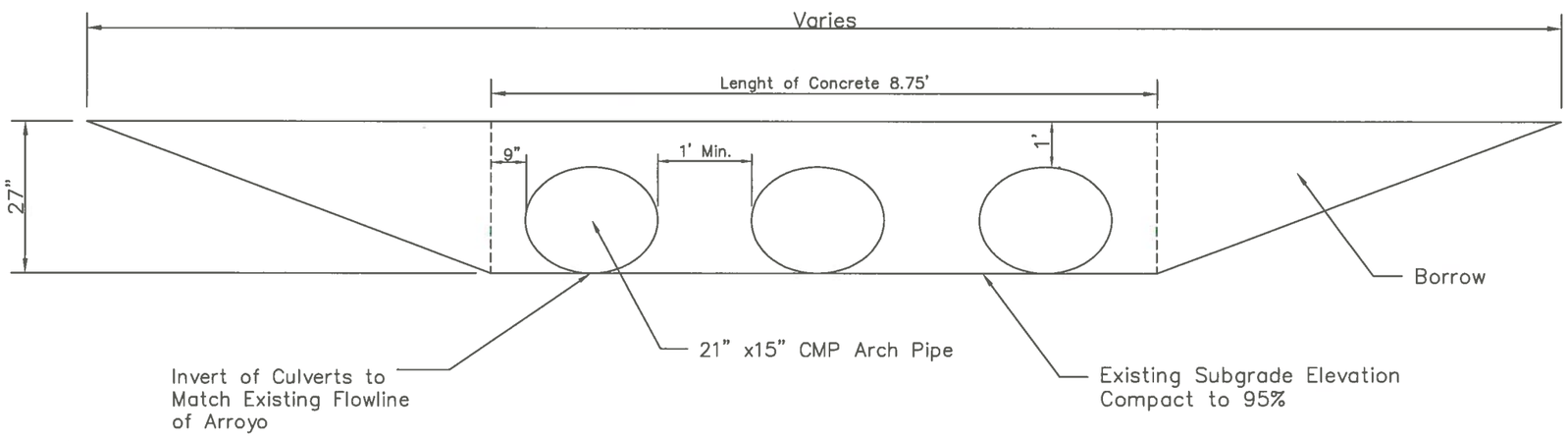
SANTA FE COUNTY

Camino Tetzcoco/
Toltec Road

DIEGO A. GOMEZ
NEW MEXICO
19357
4/9/20
PROFESSIONAL ENGINEER

Project: Sunlit Hills	
Date: 4/9/2020	5/7
Scale: NTS	

Concrete Slope Blanket = Linear Foot



Typical Section

General Notes

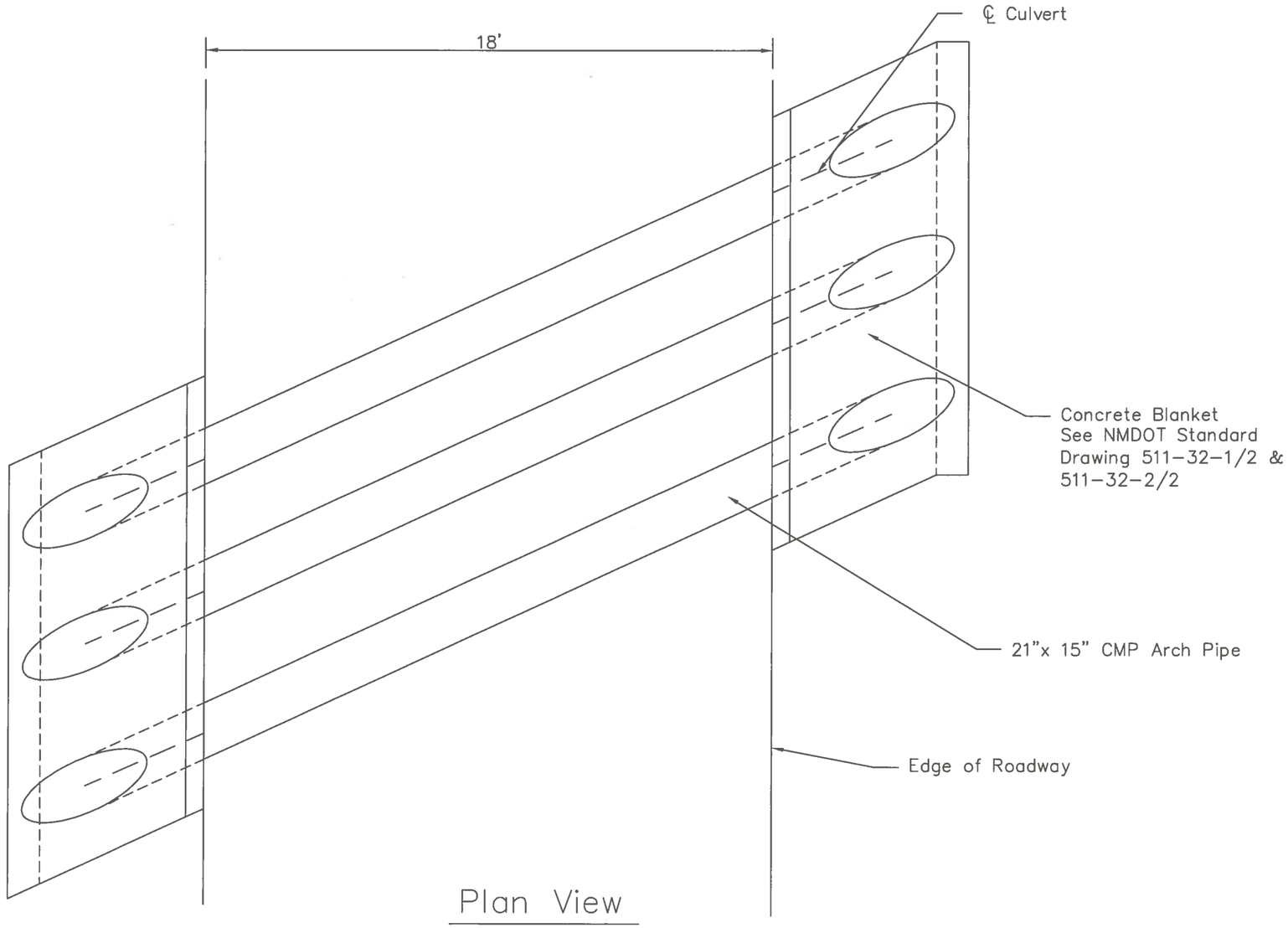
- All work shall comply with current NMDOT specifications and standard drawings

SANTA FE COUNTY

Camino Pacifico

DIEGO A. GOMEZ
NEW MEXICO
19357
4/9/20
PROFESSIONAL ENGINEER

Project: Sunlit Hills	6/7
Date: 4/9/2020	
Scale: NTS	



Plan View

General Notes

- All work shall comply with current NMDOT specifications & standard drawings

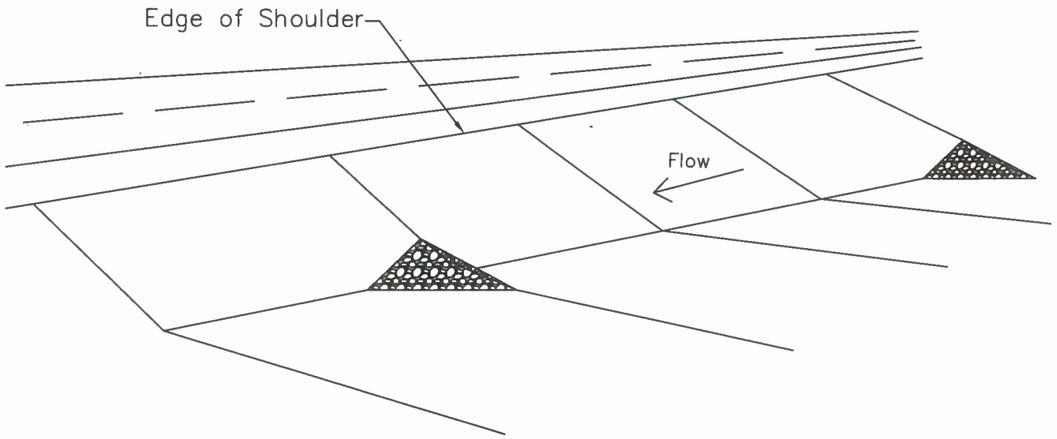
SANTA FE COUNTY

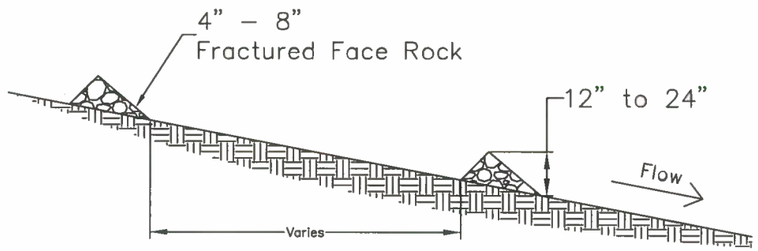
Camino Pacifico

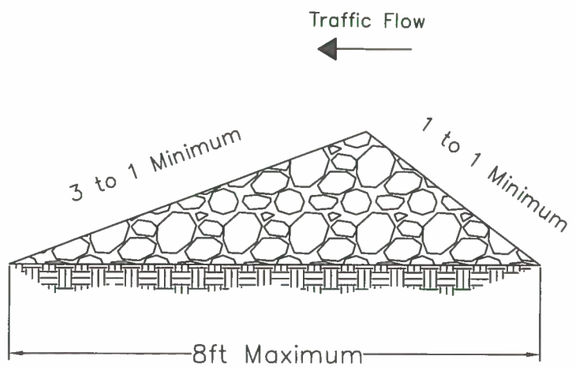
DIEGO A. GOMEZ
NEW MEXICO
19357
4/9/2
PROFESSIONAL ENGINEER

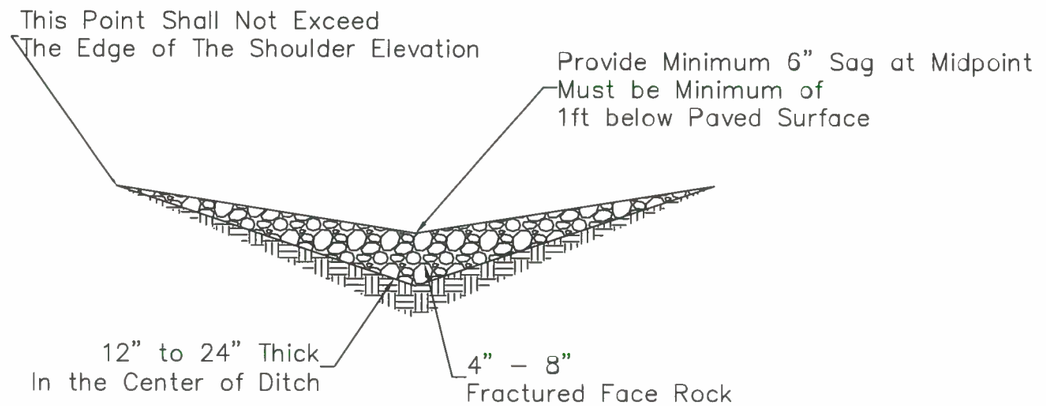
Project: Sunlit Hills	
Date: 4/9/2020	7/7
Scale: NTS	

Santa Fe County
Rock Check Dams









General Notes

1. Rock Used for Check Dams Shall Have 100% Fractured Faces

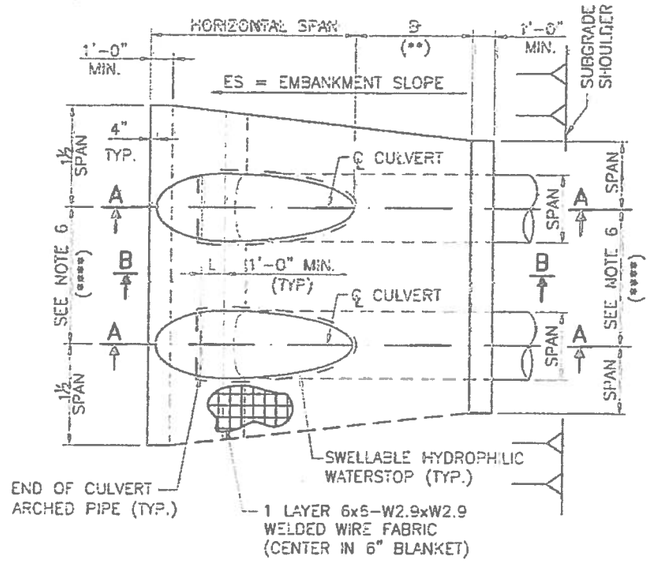
2. Volcanic Rock is Not Acceptable

SANTA FE COUNTY

Santa Fe County
Rock Check Dams

DIEGO A. GOMEZ
NEW MEXICO
19357
PROFESSIONAL ENGINEER
4/9/20

Project	Sunlit Hills
Date	4/9/2020
Scale	NTS

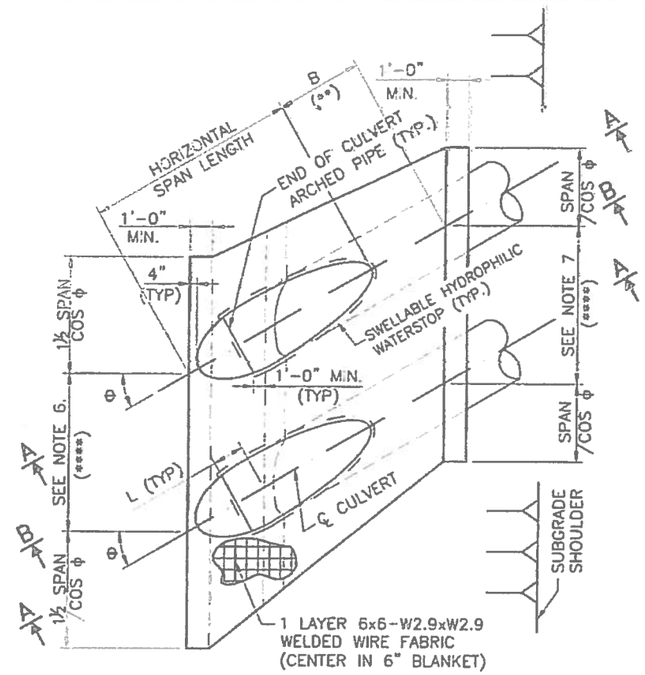


PLAN AT MULTIPLE PIPES (NORMAL INSTALLATIONS)

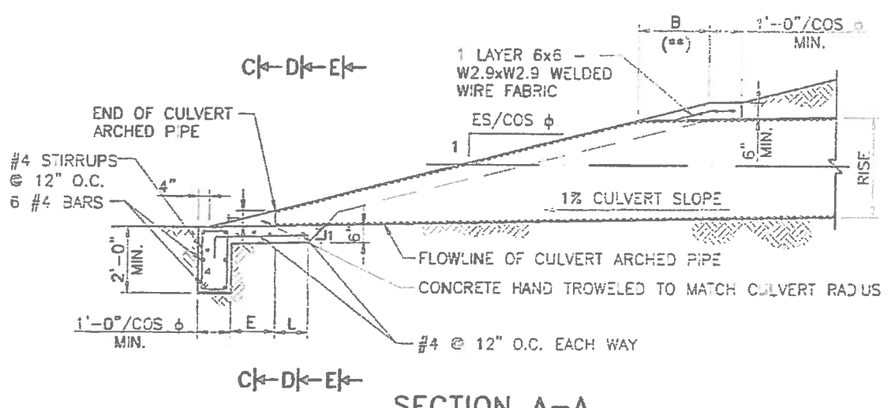
(**) B = 1/2 THE HORIZONTAL COMPONENT OF THE SLOPE RATIO (ES) IN FEET, SO AS TO PRODUCE A 6" MIN. CONCRETE COVER OVER THE CULVERT.

(***) SPAN FOR ARCHED PIPES.

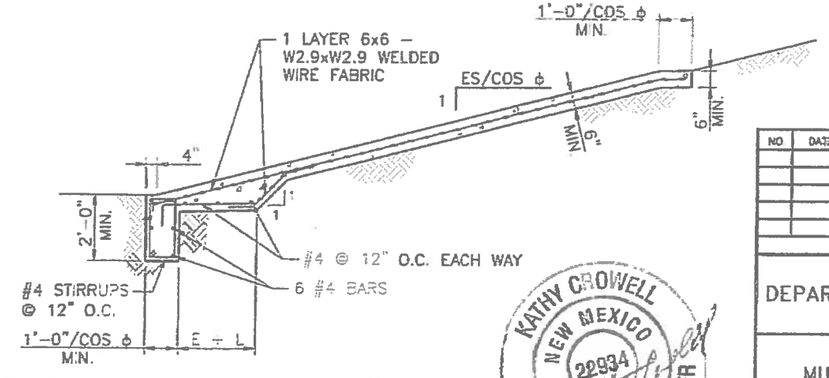
(****) SEE GENERAL NOTES 6 AND 7 ON SHEET NO. 511-12-1/2.



PLAN AT MULTIPLE PIPES (SKEWED INSTALLATIONS)



SECTION A-A



THIS STANDARD DRAWING IS FOR USE ON NMDOT PROJECTS. OTHERS WHO USE THE NMDOT STANDARD DRAWINGS DO SO AT THEIR OWN RISK. STANDARD DRAWINGS THAT ARE APPLICABLE TO A SPECIFIC PROJECT WILL BE IDENTIFIED ON THE PROJECT PLANS BUT WILL NOT BE PHYSICALLY INCLUDED IN THOSE PLANS. THE DESIGNER WHO SPECIFIES A STANDARD DRAWING ACCEPTS THE RESPONSIBILITY OF DETERMINING THEIR APPLICABILITY.

KATHY CROWELL NEW MEXICO 22934 PROFESSIONAL ENGINEER

NO.	DATE	BY	DESCRIPTION

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO
DEPARTMENT OF TRANSPORTATION
STANDARD DRAWING

MULTIPLE ARCHED METAL PIPE
CONCRETE BLANKET
WITHOUT SAFETY GRATE
(NORMAL & 5° TO 35° SKEW)

511-32-2/2 2 of 2

DESIGNED BY: FDO DRAWN BY SKL/EEE CHECKED BY KHC

GENERAL NOTES

1. WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE NEW MEXICO DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, CURRENT EDITION.
2. CONCRETE SHALL CONFORM TO SECTION 511 – CONCRETE STRUCTURES. CONCRETE SHALL BE CLASS A. APPLY PENETRATING WATER REPELLENT PER SECTION 532.
3. REINFORCING STEEL (REBAR) SHALL CONFORM TO SECTION 540 – STEEL REINFORCEMENT. REINFORCE CONCRETE BLANKETS WITH ONE (1) LAYER OF WELDED WIRE FABRIC. PLACE FABRIC IN THE CENTER OF THE CONCRETE BLANKET AND EXTEND INTO CUT-OFF WALL FULL DEPTH. FOR TYPICAL CONCRETE BLANKETS, REINFORCING BARS, WELDED WIRE FABRIC, AND ANCHORS SHALL BE CONSIDERED INCIDENTAL TO THE CONCRETE BID ITEM.
4. THE CORRUGATED METAL PIPE (CMP) SHALL BE ANCHORED TO THE BLANKET WITH A DOUBLE-NUTTED THREADED ROD. FOR SPACING AND LOCATION, SEE "ANCHOR LOCATION TABLE." BOLTS AND NUTS SHALL BE ZINC COATED.
5. INSTALL SWELLABLE HYDROPHILIC WATERSTOP AT THE PIPE TO BLANKET INTERFACE IN ACCORDANCE WITH SECTION 511.
6. PIPE SPACING FOR NEW NORMAL INSTALLATIONS, USE D + 3'-0". FOR EXTENSIONS OR MODIFICATIONS TO EXISTING CULVERT INSTALLATIONS MATCH EXISTING CULVERT PIPE SPACING.
7. PIPE SPACING FOR NEW SKEWED CULVERT INSTALLATIONS USE (D + 3'-0")/COS ϕ. FOR EXTENSIONS OR MODIFICATIONS TO EXISTING CULVERT INSTALLATIONS, MATCH EXISTING CULVERT PIPE SPACING.
8. FOR D, ES, AND ϕ SEE ROADWAY PLANS. WHEN EMBANKMENT SLOPE (ES) AT A STRUCTURE DIFFERS FROM THE ORDINARY ROADWAY EMBANKMENT SLOPE, THE CONTRACTOR WILL BE REQUIRED TO TRANSITION SLOPE AS SHOWN ON STANDARD DRAWING 511-13-3/3.
9. FOR T, L, AND E DIMENSIONS SEE TABLES BELOW:

D (IN.)	SPAN (IN.)	R (IN.)	T (IN.)	L							
				0°	5°	10°	15°	20°	25°	30°	35°
24	28	20	6	1'-0"	1'-1"	1'-2"	1'-4"	1'-5"	1'-7"	1'-9"	1'-11"
30	35	24	6	1'-0"	1'-1"	1'-3"	1'-4"	1'-6"	1'-8"	1'-10"	2'-0"
36	42	29	6	1'-0"	1'-2"	1'-3"	1'-5"	1'-6"	1'-8"	1'-11"	2'-1"
42	49	33	6	1'-0"	1'-2"	1'-3"	1'-5"	1'-7"	1'-9"	1'-11"	2'-2"
48	57	38	8	1'-0"	1'-2"	1'-4"	1'-6"	1'-8"	1'-10"	2'-1"	2'-4"
54	64	43	8	1'-0"	1'-2"	1'-4"	1'-6"	1'-8"	1'-11"	2'-2"	2'-5"
60	71	47	8	1'-0"	1'-2"	1'-4"	1'-7"	1'-9"	2'-0"	2'-3"	2'-6"

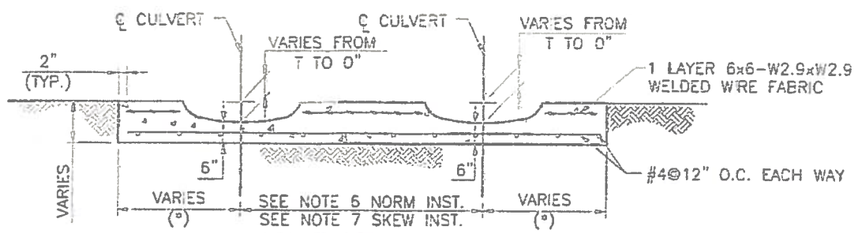
ϕ (°)	E			
	T = 6"		T = 8"	
	ES=4:1	ES=6:1	ES=4:1	ES=6:1
0	1'-5"	2'-6"	2'-2"	3'-7"
5	1'-5"	2'-7"	2'-2"	3'-7"
10	1'-5"	2'-7"	2'-2"	3'-8"
15	1'-6"	2-8"	2'-2"	3'-9"
20	1'-6"	2'-9"	2'-3"	3'-10"
25	1'-7"	2'-10"	2'-4"	4'-0"
30	1'-8"	3'-0"	2'-6"	4'-3"
35	1'-9"	3'-2"	2'-7"	4'-6"

10. FOR VOLUME OF CONCRETE FOR DOUBLE PIPE CONCRETE BLANKETS, SEE TABLE BELOW. WEIGHT OF REINFORCING BARS, WELDED WIRE MESH, AND ANCHOR BOLTS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

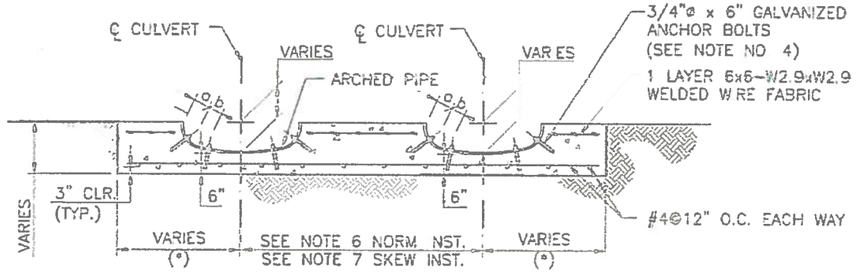
D (IN.)	SPAN (IN.)	R (IN.)	CONCRETE QUANTITIES (CU.YDS) – V_2													
			0°		5°		10°		15°		20°		25°		30°		35°	
			ES:1		ES:1		ES:1		ES:1		ES:1		ES:1		ES:1		ES:1	
			4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
24	28	20	3.4	4.3	3.5	4.4	3.7	4.6	3.8	4.8	4.1	5.1	4.5	5.5	4.9	6.1	5.6	6.9
30	35	24	4.3	5.4	4.4	5.5	4.5	5.7	4.8	6.0	5.1	6.4	5.6	7.0	6.2	7.7	7.0	8.7
36	42	29	5.2	6.7	5.4	6.8	5.6	7.1	5.9	7.4	6.3	8.0	6.9	8.7	7.7	9.6	8.7	10.9
42	49	33	6.1	7.9	6.3	8.1	6.6	8.4	7.0	8.8	7.5	9.5	8.2	10.3	9.2	11.5	10.4	13.0
48	57	38	7.7	10.1	8.0	10.3	8.3	10.7	8.9	11.4	9.6	12.2	10.5	13.3	11.7	14.8	13.3	16.9
54	64	43	9.0	11.8	9.2	12.0	9.7	12.5	10.3	13.2	11.1	14.2	12.2	15.6	13.7	17.4	15.6	19.8
60	71	47	10.1	13.3	10.4	13.6	11.0	14.2	11.7	15.0	12.6	16.2	13.9	17.7	15.6	19.6	17.8	22.6

11. TO DETERMINE THE VOLUME OF CONCRETE (CU. YDS.) FOR INSTALLATION OF 3 OR MORE PIPES, USE THE FOLLOWING FORMULA: $VOLUME_{(>2)} = V_2 + (V_2 - V_1) \times (N - 2)$

WHERE:
V_1 = VOLUME OF CONCRETE FOR SINGLE PIPE INSTALLATION. (CU. YDS.) (SEE STANDARD DRAWINGS SHEET 511-31-1/2)
V_2 = VOLUME OF CONCRETE FOR DOUBLE PIPE INSTALLATION. (CU. YDS.) (SEE TABLE ABOVE)
N = NUMBER OF PIPES WHICH MUST BE GREATER THAN 2.

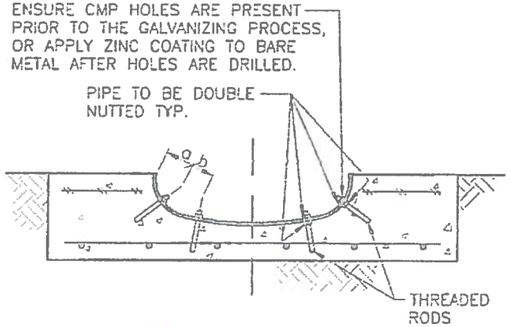


SECTION C-C



SECTION D-D

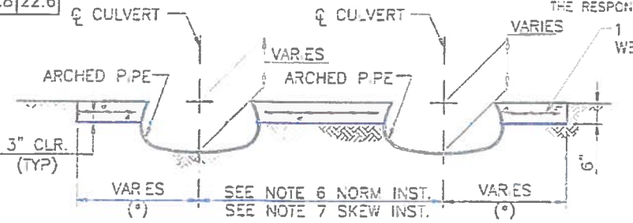
(*) SEE PLAN VIEW ON SHEET 511-32-2/2 FOR NORMAL AND SKEWED INSTALLATIONS.



ANCHOR DETAIL

LOCATION OF ANCHOR BOLTS NEAR END OF CULVERT PIPE				
D (IN.)	SPAN (IN.)	R (IN.)	a (IN.)	b (IN.)
24	28	20	3	N/A
30	35	24	3	8
36	42	29	3	8
42	49	33	3	8
48	57	38	4	12
54	64	43	4	12
60	71	47	4	12

ANCHOR LOCATION TABLE
(D IS THE DIAMETER OF CULVERT PIPE OR THE SPAN OF ARCHED PIPE.)



SECTION E-E

KATHY CROWELL NEW MEXICO 22934 PROFESSIONAL ENGINEER

NO	DATE	BY	DESCRIPTION

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING

MULTIPLE ARCHED METAL PIPE CONCRETE BLANKET WITHOUT SAFETY GRATE (NORMAL & 5° TO 35° SKEW)

DESIGNED BY: FDQ DRAWN BY: SXL/BEE CHECKED BY: KHC

511-32-1/2 1 of 2

Santa Fe County
Traffic Control Specification
January 26, 2018

Description

The work consists of providing a traffic control plan and traffic control management including supervision of personal and the installation, inspection, and maintenance of traffic control devices. The Contractor shall furnish all labor, equipment, and traffic control devices necessary to provide a safe work zone. All required signing and traffic control devices shall be in compliance with the current edition of the Manual on Uniform Traffic Control Devices.

Management of the traffic control shall be performed in accordance with section 618 Traffic Control Management of the Standard Specifications for Highway and Bridge Construction New Mexico State Department of Transportation 2014 edition.

Traffic Control Plan

The Traffic Control Plan shall be submitted on 11" x 17" paper and shall be stamped by a registered professional engineer in the State of New Mexico. The traffic control plan shall be created using a CADD program and submitted to the Santa Fe County Project Manager for approval.

Pavement Drop-Offs

Pavement drop-offs occur when the longitudinal edge of the travel lane is not flush with the adjacent existing surface.

Case 1 - Activities within the Travel Lane Such as Milling or Overlay Operations

A maximum 1 ½" vertical drop-off between adjacent surfaces will be allowed at the centerline of lanes without treatment. When the drop-off is greater than 1 ½" a fillet with a slope of 3:1 or flatter shall be provided during non-working hours. The work shall be scheduled to result in not more than one day operation of exposed longitudinal joint between adjacent surfaces.

Case 2 - Areas Adjacent to the Existing Travel Lane with Buffer Zones Less than 6ft in Width

A buffer zone is defined as any smooth, transversable surface that does not contain any obstruction or drop offs.

A. A slope of 3:1 or flatter should be constructed whenever possible.
B. Drop offs greater than 1 ½" that are exposed to traffic during non-working hours shall be protected by a fillet (3:1 or flatter) or delineation by drums, vertical panels or other delineation devices.

C. For drop-offs greater than 1 foot, if a fillet of less than 3:1 slope is not achievable, positive barrier (concrete wall barrier or approved equal) should be used.

Case 3-Areas Adjacent to the Existing Travel Lane with Buffer Zones 6ft or more in Width

A. A slope of 3:1 or flatter should be constructed whenever possible.
B. For drop-offs less than 2 feet, vertical panels or other delineation devices shall be used.
C. For drop-offs greater than 2 feet, if a fillet of less than 3:1 slope is not achievable, positive barrier (concrete wall barrier or approved equal) should be used.

Case 4 – Point Drop-offs Such as Drop Inlets and CBC Ends.

When this type of drop-off is present, every effort should be made to place the appropriate permanent nature, such as guardrail or inlet grates, as soon as possible.

1. For drop-offs located 6ft. or more from the travel lane, Type "B" drums shall be used to delineate the hazard.
2. For drop-offs located less than 6ft. from the travel lane, positive barrier (concrete wall barrier or approved equal) protection shall be provided. Type "B" drums may be used if the drop-off will be exposed for less than 24 hours.

Work Included in Payment

All labor, materials and equipment to provide traffic control for the construction project. Payment shall be full compensation for the traffic control devices, traffic control plan and the daily management of the traffic control and no further payment will be made.