



BOARD OF SUPERVISORS AGENDA ITEM REPORT

Requested Board Meeting Date: November 6, 2018

Title: Pantano Road & Valencia Road Offsite Improvements to serve the Southwest Gas Corporation
Southern Arizona Reliability Project - Pantano Road: Station 0+00 to 1+00 and Valencia Road
Tapers (eastbound and westbound lanes): Station 1+80.76 to 13+80 +/-
P17SC00047, Developer/Owner: Southwest Gas Corporation

Introduction/Background:

Acceptance of the above referenced Project/Roadway into the Pima County Maintenance System.

Discussion:

Project/Roadway Improvements have been completed and dedicated to Pima County and Recorded as Public Right-of-Way. Recommendation is made to accept the attached roadways into the Pima County Maintenance System.

Conclusion:

If Approved:

Public improvements completed adjacent to these Subdivision Lots and/or Roadway will be maintained by the Pima County Department of Transportation.

If Denied:

Recently completed improvements to the above referenced Project/Roadway will not be maintained by the Pima County Department of Transportation.

Recommendation:

Acceptance of the attached roadways/subdivision improvements into the Pima County Maintenance System.

Fiscal Impact:

No cost to the Department for these improvements. If accepted into the Maintenance System there will be a cost associated with the maintenance, however not immediately since it is new construction.

Board of Supervisor District:

☐ 1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 ☐ All

Department: Transportation Telephone: 520-724-2650

Contact: Martin Landin Telephone: 520-724-2819

Department Director Signature/Date: *Adam Alvarez* 9/28/18

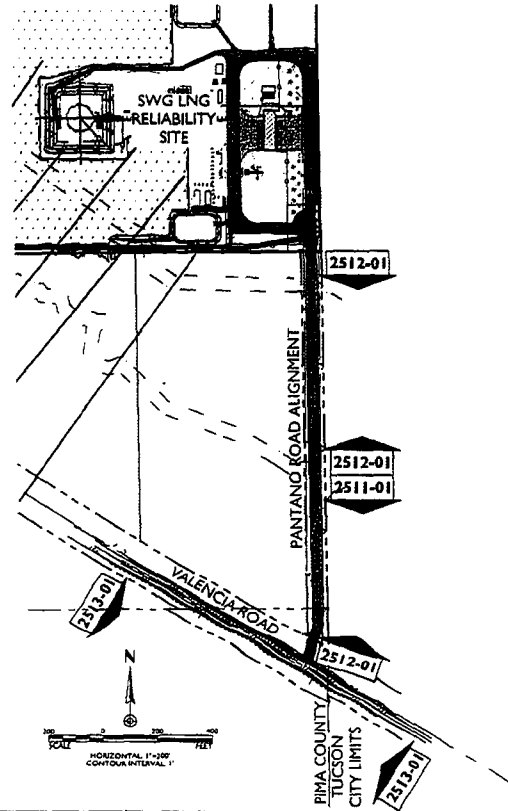
Deputy County Administrator Signature/Date: *[Signature]* 10/2/18

County Administrator Signature/Date: *C. Delutsky* 10/2/18

P17SC00047 Const Plans Rev1
 Approved 10/13/2017

PUBLIC PAVING PLANS FOR

PANTANO ROAD & VALENCIA ROAD OFFSITE IMPROVEMENTS SOUTHWEST GAS CORPORATION SOUTHERN ARIZONA RELIABILITY (LNG STORAGE) PROJECT



UNIT NO.	UNIT TYPE	DATE	REVISION	REVISION	REVISION
			PROPOSED	REVISED	COMPLETED
			PROPERTY LIMITS		

REV	DATE	REVISION DESCRIPTION	BY	APPV.
0	7/10/17	Issue for Construction	FW	AW

THE ENGINEER HAS PREPARED THESE PAVING PLANS IN ACCORDANCE WITH THE PROVISIONS OF THE ARIZONA CONSTITUTION, THE ARIZONA STATUTES, THE ARIZONA RULES OF PROFESSIONAL CONDUCT, AND THE ARIZONA BOARD OF PROFESSIONAL ENGINEERS. THE ENGINEER HAS NOT CONDUCTED A VISUAL INSPECTION OF THE SITE TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED BY THE CLIENT. THE ENGINEER HAS NOT CONDUCTED A VISUAL INSPECTION OF THE SITE TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED BY THE CLIENT.



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SOUTHWEST GAS CORPORATION

OWNER: SOUTHWEST GAS CORPORATION		W.O. No. W0001918	
TUCSON, AZ			
TITLE: SOUTHERN ARIZONA RELIABILITY PROJECT-LNG STORAGE FACILITY DEVELOPMENT PLAN			
DESIGNED BY: TAY	AUG 17	CHECKED BY: TAY	AUG 17
APPROVED BY: JDS	AUG 17	DATE: 276-717006	
SCALE: SEE SCALE BAR		SHEET: 2509-01	TOTAL: 0

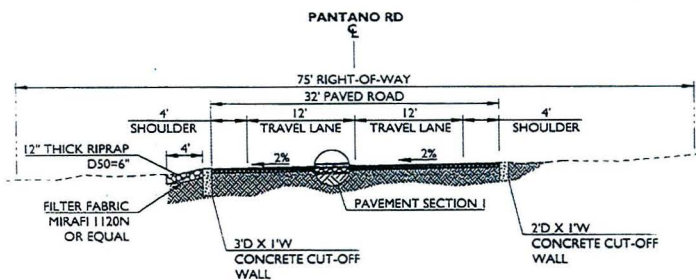
ASPHALT CONCRETE (MIX NO. 2)
AGGREGATE BASE COURSE (100% RELATIVE COMPACTION)
COMPACTED SUBGRADE (95% RELATIVE COMPACTION)

SECTION No	AC	ABC
1	3.5	6.0
2	5.0	12.0

PAVEMENT AND SUBGRADE RECOMMENDATIONS PER NINYO & MOORE GEOTECHNICAL EVALUATION FOR TUCSON LNG FACILITY, DATED 7/6/15 AND ADDENDUM 3 DATED FEBRUARY 15, 2016 (REVISED AUGUST 14, 2017), AS APPROVED.

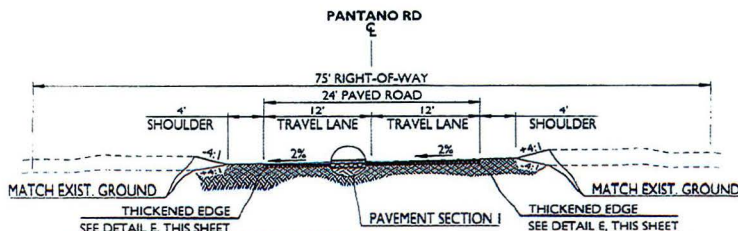
PAVEMENT SECTIONS

NOT TO SCALE



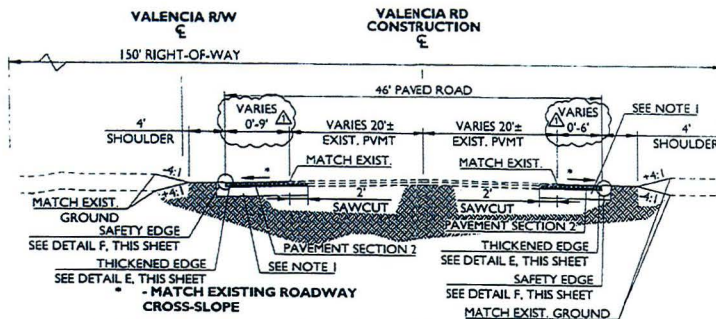
TYPICAL ROADWAY SECTION

NOT TO SCALE



TYPICAL ROADWAY SECTION

NOT TO SCALE

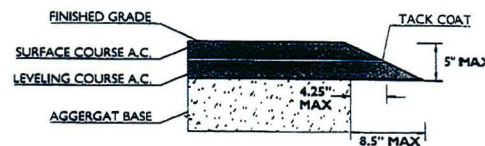


NOTE 1: SUBGRADE SHALL BE TREATED VIA 2 OPTIONS AS DESCRIBED BELOW AND WITHIN THE APPROVED GEOTECHNICAL REPORT AND ADDENDUM 3, DATED FEBRUARY 15, 2016 (REVISED AUGUST 14, 2017), AS APPROVED.

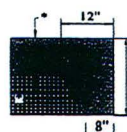
- 1) SUBGRADE SHALL BE OVEREXCAVATED 2 FEET BELOW NATIVE GRADE AND REPLACED WITH SELECT MATERIAL AS PER THE APPROVED GEOTECHNICAL REPORT ADDENDUM.
- 2) UPPER 12 INCHES OF NATIVE SOILS SHALL BE TREATED WITH CEMENT OR LIME IN ACCORDANCE WITH PAG STANDARD SPECIFICATIONS SECTION 302 OR 301, RESPECTIVELY.

TYPICAL ROADWAY SECTION

NOT TO SCALE



SAFETY EDGE DETAIL



REFER TO TYPICAL SECTION FOR PAVEMENT DIMENSIONS

THICKENED EDGE DETAIL

ABBREVIATION NOT INCLUDED IN PC/COT STD. DT. 101

Aluminum Cap on Pipe	A.C.P.
Abandoned	Aband
Asphalt Rubber Asphaltic Concrete	ARAC
Correction	Corr
Decomposed Granite	D.G.
Detail	Det
Drainage Easement	D.E.
Edge Of Pavement	E.P.
General Land Office	G.L.O.
Intelligent Traffic System	ITS
Median	Med
Point of Compound Curve	P.C.C.
Point Of End	P.O.E.
Related Pavement Marker	R.P.M.
Shoulder	Shd
Standard	Std
Stopping Sign Distance	SSD
Temporary Construction Easement	T.C.E.
Vertical Curve	V.C.

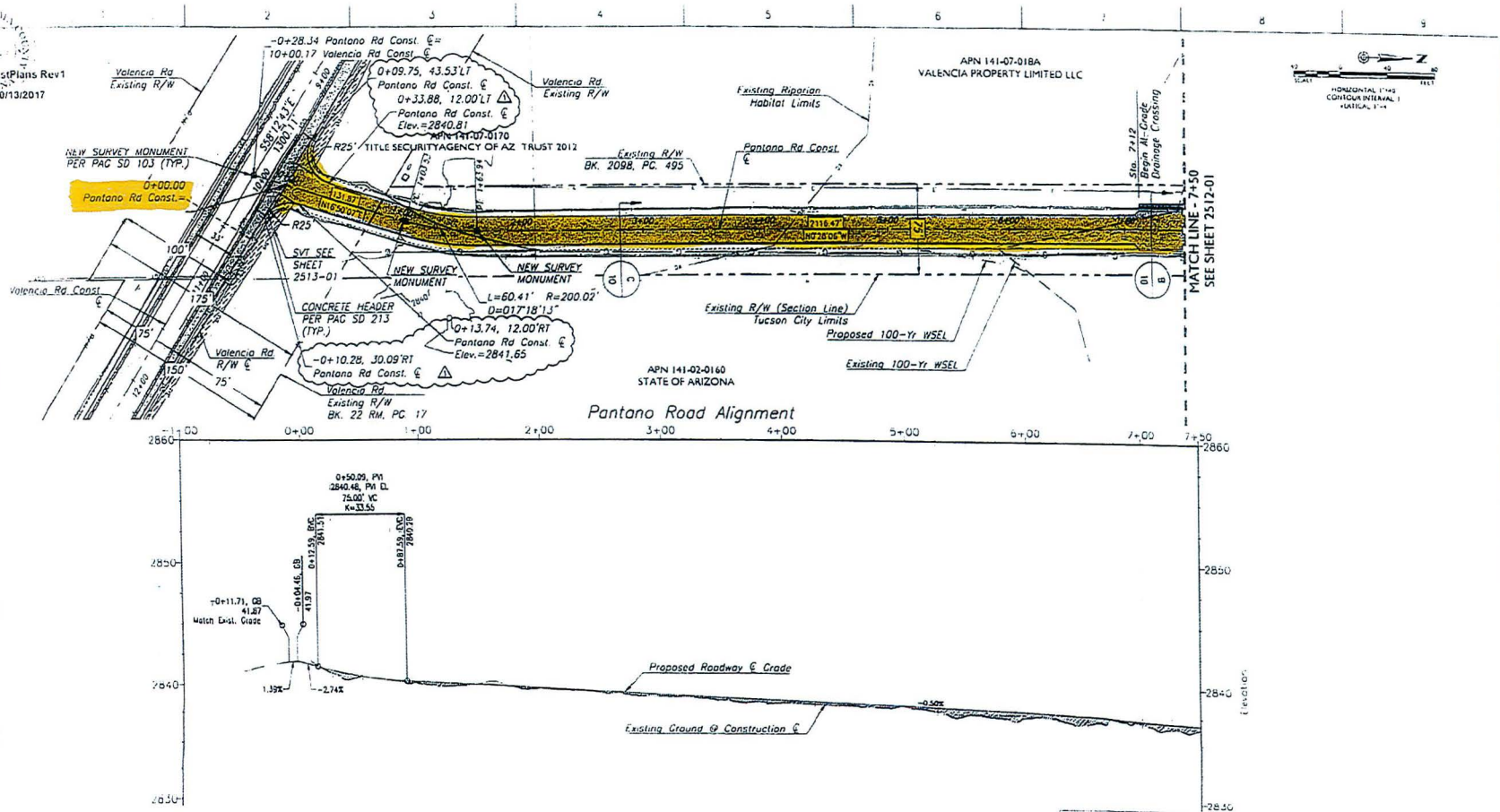


SOUTHWEST GAS CORPORATION

OWNER: SOUTHWEST GAS CORPORATION	W.O. No. W0001918
TUCSON, AZ	
TITLE: SOUTHERN ARIZONA RELIABILITY PROJECT-LNG STORAGE FACILITY DEVELOPMENT PLAN	
DRAWN BY: FAH	OCT 17
CHECKED BY: FAH	OCT 17
APPROVED BY: JDS	OCT 17
SCALE: SEE SCALE BAR	2510-01
	SHEET 0

Notes & Details

P17SC00047 ConstPlans Rev1
10/13/2017
Approved 10/13/2017



PROPERTY LINES					REV		DATE		REVISION DESCRIPTION		BY	APP.
1	2	3	4	5	1	Δ	10/17		REALIGN VALENCIA RD TO THE NORTH		FAM	JDS
1	2	3	4	5	2	Δ	2/18/19		Issued for Construction		FAM	JDS

DATE		DATE		DATE		DATE	
DATE	TYPE	DATE	TYPE	DATE	TYPE	DATE	TYPE

PROPERTY LINES				PROPERTY LINES			
1	2	3	4	1	2	3	4



SOUTHWEST GAS CORPORATION



OWNER: SOUTHWEST GAS CORPORATION
TUCSON, AZ
W.O. No. W0001918

PROJECT: SOUTHERN ARIZONA RELIABILITY PROJECT-LNG STORAGE FACILITY DEVELOPMENT PLAN

DATE: 10/17/17
CHECKED BY: FAM
APPROVED BY: JDS
SCALE: SEE SCALE BAR

276-717006
2511-01

P17SC00047 Const Plans Rev1
10/13/2017
Approved 10/13/2017

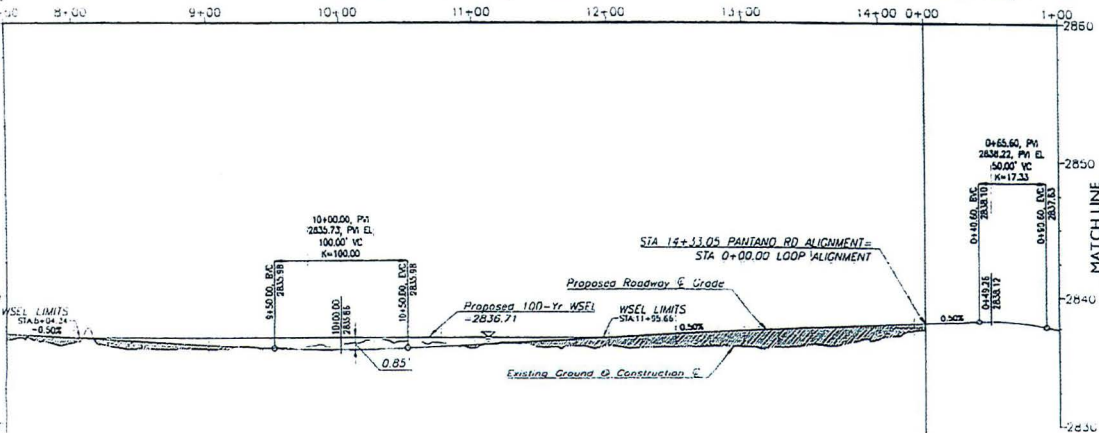
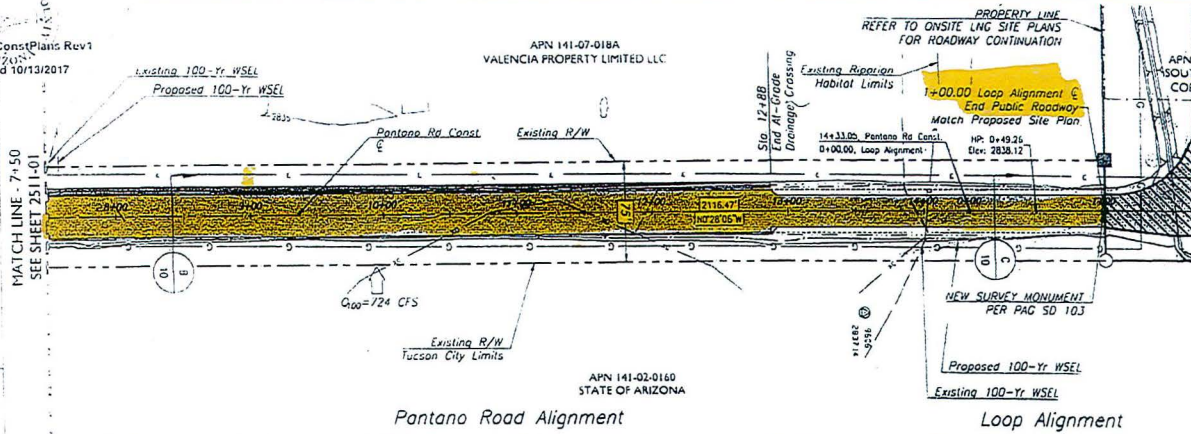
APN 141-07-018A
VALENCIA PROPERTY LIMITED LLC

APN 141-07-019B
SOUTHWEST GAS CORPORATION



1/2" WIDE PAVING AND ROW
ABANDONED FOR RESOLUTION
2016-35. SEQUENCE 20161730803

NOTE: SIGN PLACING WILL BE
PROVIDED ON SITE AND WILL BE
MAINTAINED FOR MOTORIST PLANNING
AROUND.



MATCH LINE
SEE SHEET 2506-01
FOR ONSITE PAVING PLANS

UNIT	UNIT	INCL.	RECEIVED	INCL.	RECEIVED
AC	TYPE	PROPOSED	COMPLETED		
		PROPERTY LINES			

REV	DATE	REVISION DESCRIPTION	BY	APP.
0	2/10/17	ISSUED FOR CONSTRUCTION	FAN	AGS

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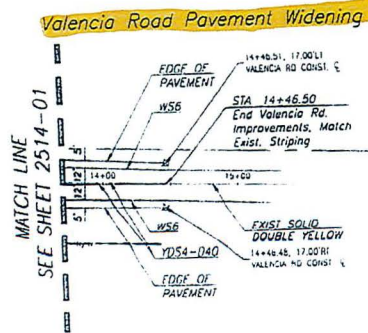
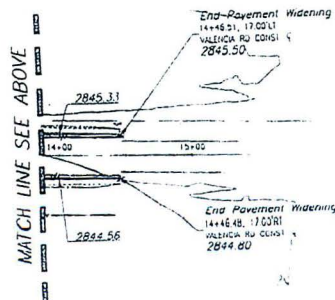
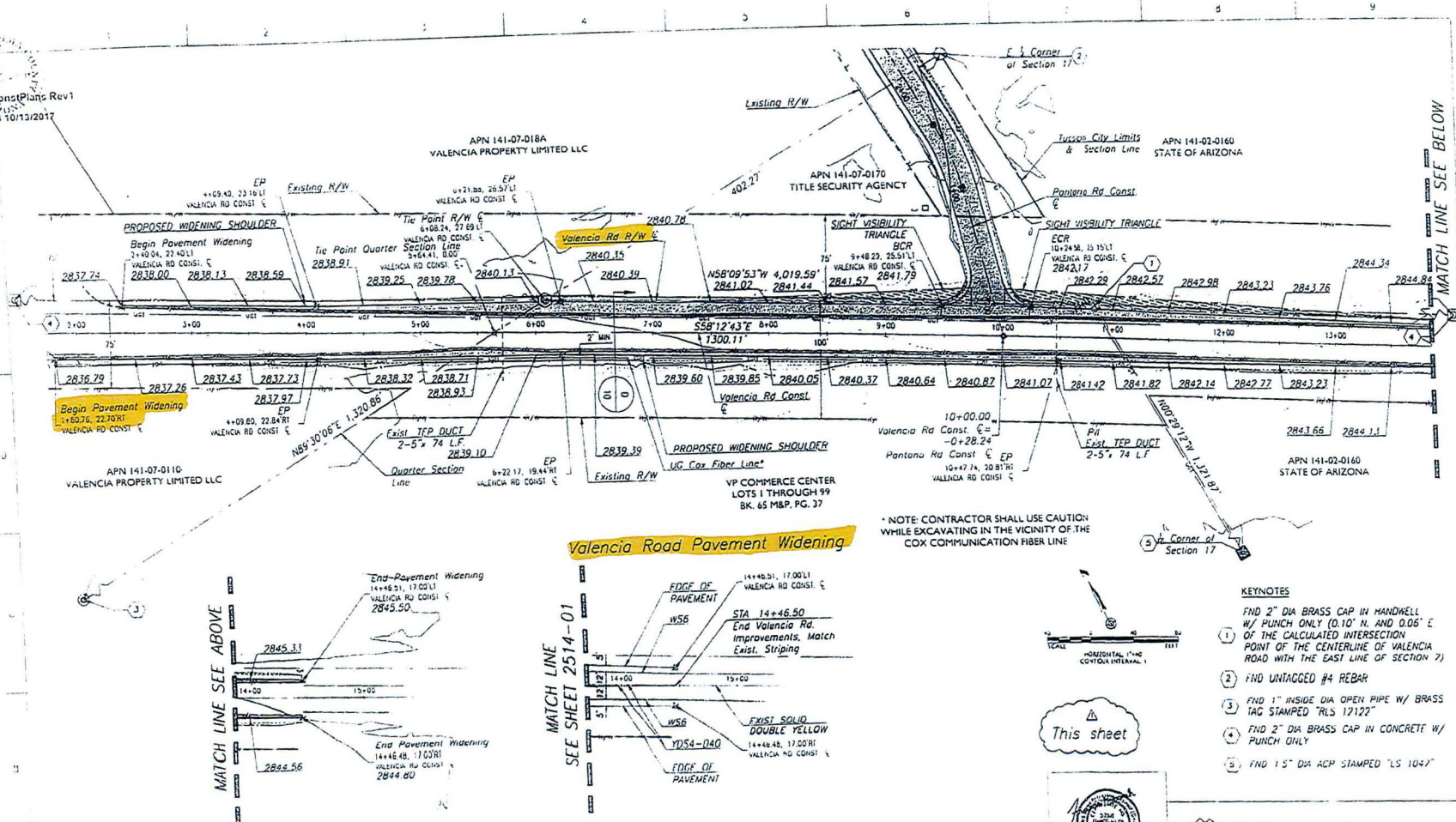
8710 N. Thompson Rd, Suite 140
Tucson, AZ 85747
1-800-400-1400 / 520-400-1400
www.epsgrp.com



OWNER: SOUTHWEST GAS CORPORATION TUCSON, AZ		W.O. No. W0001918	
TITLE: SOUTHERN ARIZONA RELIABILITY PROJECT-LNG STORAGE FACILITY DEVELOPMENT PLAN			
DRAWN BY: FAN	AUG 17	OFFICE: TUCSON	CONTRACT: 276-717006
CHECKED BY: FAN	AUG 17	DATE: 2512-01	SHEET: 0
APPROVED BY: JDS	AUG 17	SCALE: SEE SCALE BAR	

Pantano Road Alignment Plan & Profile

P17SC00047 Const Plans Rev 1
Approved 10/13/2017



- KEYNOTES**
- END 2" DIA BRASS CAP IN HANDHELL W/ PUNCH ONLY (0.10" N. AND 0.06" E) OF THE CALCULATED INTERSECTION POINT OF THE CENTERLINE OF VALENCIA ROAD WITH THE EAST LINE OF SECTION 7)
 - FND UNTAGGED #4 REBAR
 - FND 1" INSIDE DIA OPEN PIPE W/ BRASS TAG STAMPED "RLS 12122"
 - FND 2" DIA BRASS CAP IN CONCRETE W/ PUNCH ONLY
 - FND 1.5" DIA ACP STAMPED "LS 1047"

This sheet



SOUTHWEST GAS CORPORATION

				REVISION				PCII								ORDER: SOUTHWEST GAS CORPORATION W.O. No. W0001918 TUCSON, AZ			
				REVISION DESCRIPTION				THIS DOCUMENT CONTAINS PROTECTED CRITICAL INFRASTRUCTURE INFORMATION (PCI) IN ACCORDANCE WITH THE PROVISIONS OF THE CRITICAL INFRASTRUCTURE INFORMATION ACT (CIIA), 15 U.S.C. 3601 ET SEQ. IT IS EXEMPT FROM RELEASE UNDER THE FREEDOM OF INFORMATION ACT (5 U.S.C. 552) AND SIMILAR STATE AND LOCAL DISCLOSURE LAWS. UNAUTHORIZED RELEASE, USE, REPLY OR COUNTERFEITING AND ADVERSE IMPACTS IT IS TO BE CONSIDERED AND DISSEMINATED IN ACCORDANCE WITH THE CRITICAL INFRASTRUCTURE INFORMATION ACT, 15 U.S.C. 3601 ET SEQ. THE SUPPLEMENTARY REGULATIONS, 6 C.F.R. PART 23 AND PCI PROGRAM REQUIREMENTS.				B1410 N. Thompson Rd, Suite 140 Tucson, AZ 85742 1-202-462-1111 FAX 1-202-462-1453 www.eppsgroup.com				TITL: SOUTHERN ARIZONA RELIABILITY PROJECT- LUNG STORAGE FACILITY DEVELOPMENT PLAN			
				REV DATE BY APPD				REV DATE BY APPD				DATE BY APPD				DATE BY APPD			
				10/17 REALIGN VALENCIA RD TO THE NORTH				FAH JDS				OCT 12 TUCSON				276-717006			
				ISSUED FOR CONSTRUCTION				REV DATE BY APPD				OCT 17 TUCSON				2513-01			
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PROJECT: SOUTHERN ARIZONA RELIABILITY PROJECT-UNG STORAGE FACILITY DEVELOPMENT PLAN
DRAWN BY: FAH OCT 17 OFFICE: TUCSON CHECKED BY: JDS OCT 17 SCALE: 276-717006
APPROVED BY: JDS OCT 17 DATE: 2513-01
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