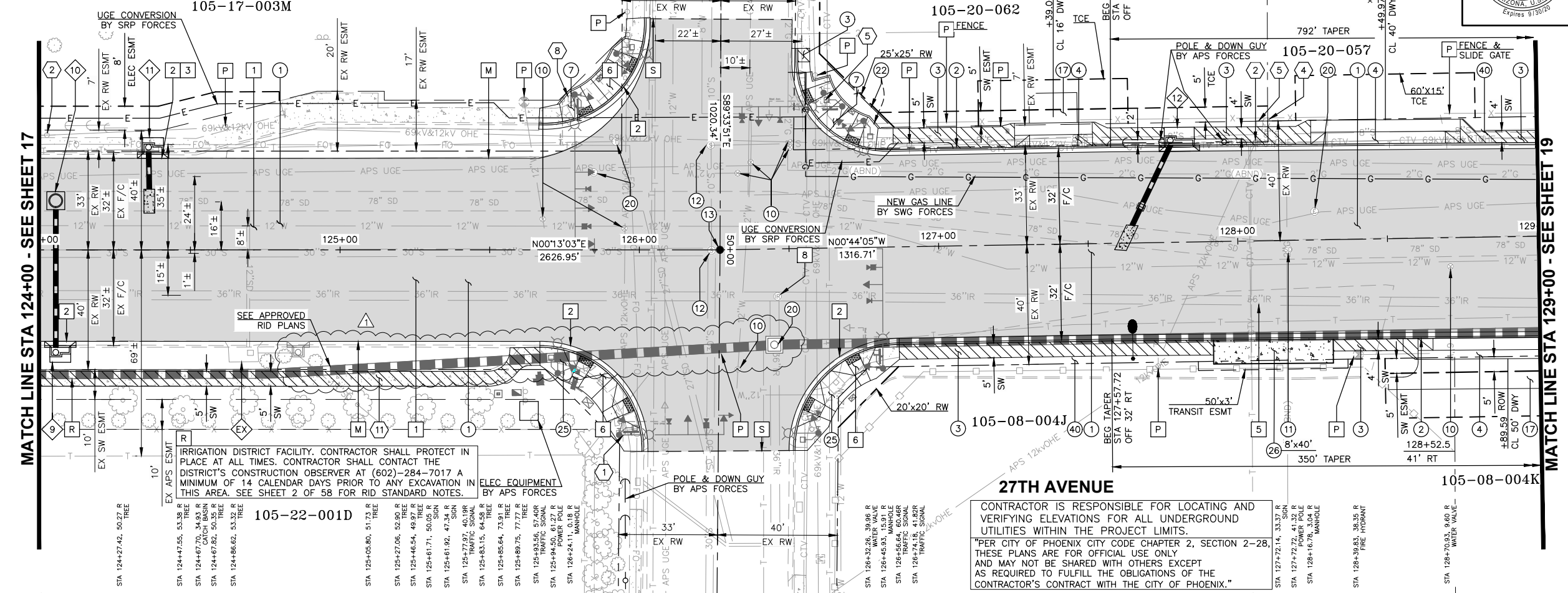


27TH AVENUE
LOWER BUCKEYE ROAD TO
BUCKEYE ROAD

105-17-003M
105-20-062
105-20-057
105-22-001D

DURANGO STREET



CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING ELEVATIONS FOR ALL UNDERGROUND UTILITIES WITHIN THE PROJECT LIMITS.
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F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL	AS BUILT
9	ARIZ.	ST85100341			

T.Y. LIN INTERNATIONAL
engineers | planners | scientists
CONSULTING ENGINEER

DES: CSS DR: OG CK: CSS DATE: 9/18

M MATCH EXISTING
P PROTECT IN PLACE
S SAWCUT AND MATCH EXISTING

REMOVALS BY OTHERS

NO.	DESCRIPTION	UNIT	QTY.
1	12KV POWER POLE BY APS FORCES	EA	1
2	69KV POWER POLE AND DOWN GUY BY APS FORCES	EA	2
4	CABLE TV/FO BOX, UTILITY MARKER TO BE RELOCATED BY COX FORCES	EA	1
5	TELEPHONE PEDESTAL, UTILITY MARKER TO BE RELOCATED BY CENTURY LINK FORCES	EA	2
8	FO BOX, UTILITY MARKER TO BE RELOCATED BY SPRINT FORCES	EA	1
11	SIDEWALK REMOVAL BY RID FORCES	SF	847

REMOVALS

NO.	DESCRIPTION	UNIT	QTY.
1	REMOVE EXISTING PAVEMENT (STA 124+00 TO 129+00)	SY	4,066
2	EXISTING CONCRETE CURB & GUTTER (STA 124+01 TO 124+42, 125+65 TO 126+85)	LF	188
5	EXISTING PIPE, BACKFILL & COMPACT (STA 124+00 TO 129+00)	LF	500
6	EXISTING CONCRETE SIDEWALK RAMP (STA 125+65 TO 126+02 & 126+50 TO 126+86)	SF	702
8	EXISTING IRRIGATION MANHOLE, BACKFILL & COMPACT (STA 126+45)	EA	1

CONSTRUCTION NOTES

NO.	DESCRIPTION	UNIT	QTY.
1	NEW PAVEMENT PER TYPICAL SECTIONS ON SHEETS 5-9. SEE SHEET 3 FOR QUANTITIES	SY	3,968
2	CURB AND GUTTER PER MAG STD. DET. 220-1, TYPE "A"	LF	638
3	CONCRETE SIDEWALK PER COP STD DET P1230, WIDTH PER PLAN	SF	1,391
4	CONCRETE DRIVEWAY PER COP STD DET P1255-1 (9" THICK)	SF	891
7	CONCRETE SIDEWALK RAMP PER COP STD DET P1237 (MODIFIED). SEE SHEETS 10-11	SF	682
10	ADJUST EXISTING WATER VALVE FRAME & COVER PER COP STD DET P1391 & P1391-1	EA	8
11	ADJUST STORM DRAIN MANHOLE FRAME & COVER PER MAG STD DET 422	EA	1
12	ADJUST STORM SEWER MANHOLE FRAME & COVER PER MAG STD DET 422	EA	2
13	SURVEY MARKER PER MAG STD DET 120-1, TYPE A	EA	1
17	ASPHALT CONCRETE DRIVEWAY CONNECTION (D 12), 3" THICK	TON	12
20	ADJUST UTILITY MANHOLE FRAME & COVER PER UTILITY COMPANY DETAILS & SPECIFICATIONS	EA	4
22	REMOVE AND RELOCATE EXISTING CHAIN LINK FENCE TO RIGHT OF WAY	LF	28
25	CONCRETE SIDEWALK RAMP PER COP STD DET P1236	SF	869
26	BUS SHELTER CONCRETE PAD PER COP STD DET P1258 & P1260	SF	320
40	DECOMPOSED GRANITE, 3/4" MINUS, STABILIZED, 2" THICK	SF	1,502

STORM DRAIN NOTES

NO.	STATION	TYPE	CONN	SIZE/LF
9	124+05, 33' RT	M-1 L=3' P1569-1	-	15" X 44.5' RGRCP CL IV

PAVING PLAN AND PROFILE
CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

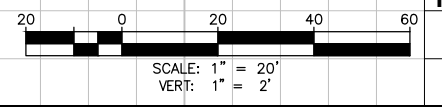
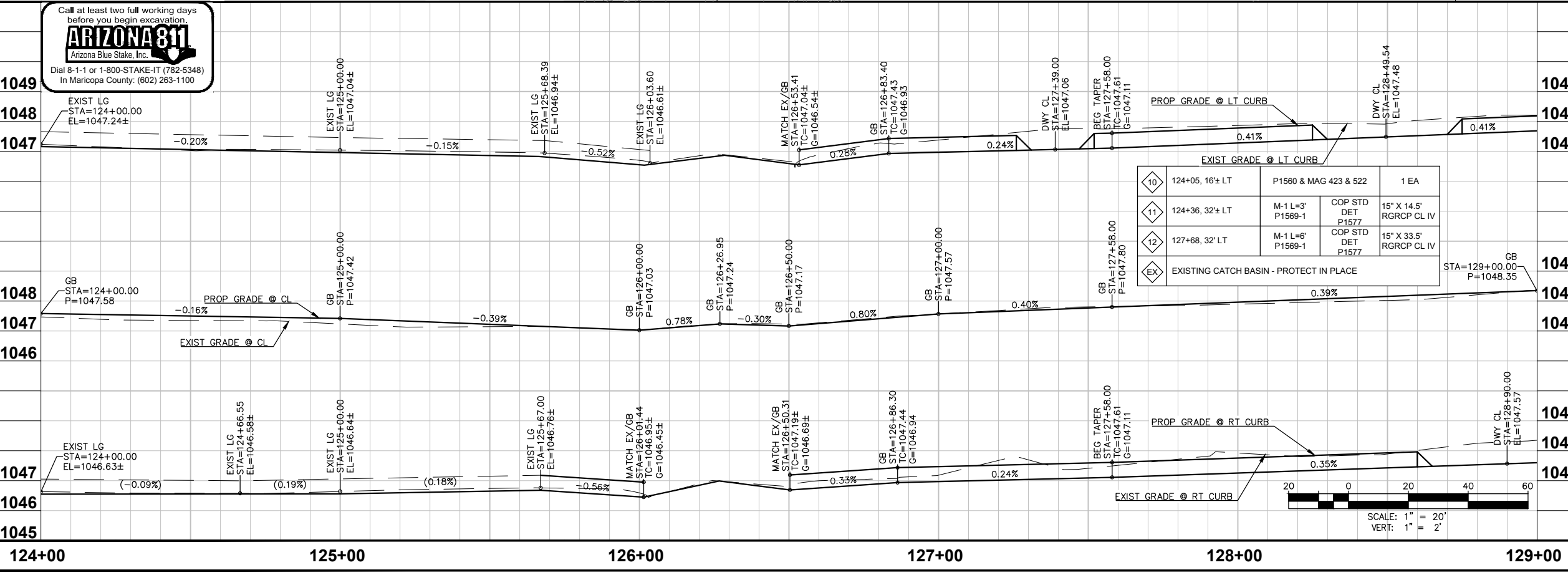
27TH AVENUE
LOWER BUCKEYE ROAD TO BUCKEYE ROAD
ST85100341

DR: OG	DES: CSS	CK: CSS	SHEET	TOTAL	AS
DATE: 9/18	DATE: 9/18	DATE: 9/18	NO:	SHEETS	BUILT
SCALE: 1" = 20' HORIZONTAL	1" = 2' VERTICAL		18R1	63	

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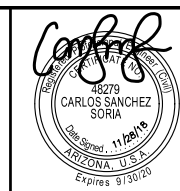
Call at least two full working days before you begin excavation.

ARIZONA 811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100



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27TH AVENUE
LOWER BUCKEYE ROAD TO
BUCKEYE ROAD



F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL	AS BUILT
9	ARIZ.	ST85100341			

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DES: CSS DR: OG CK: CSS DATE: 9/18

M MATCH EXISTING
P PROTECT IN PLACE
S SAWCUT AND MATCH EXISTING

REVISION BY CITY OF PHOENIX

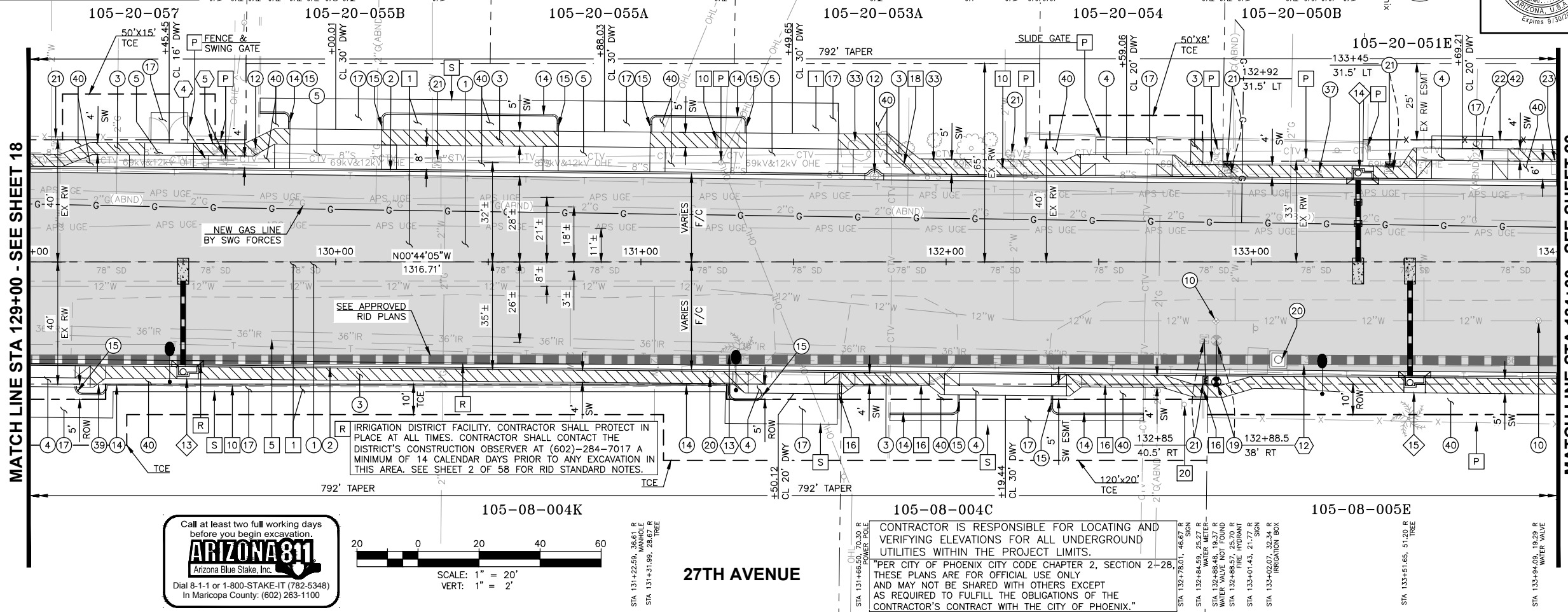
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REVISION BY CITY OF PHOENIX

NO.	DESCRIPTION	REV BY	CHK BY	DATE

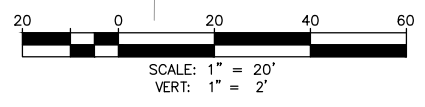
REVISION BY CITY OF PHOENIX

NO.	DESCRIPTION	REV BY	CHK BY	DATE



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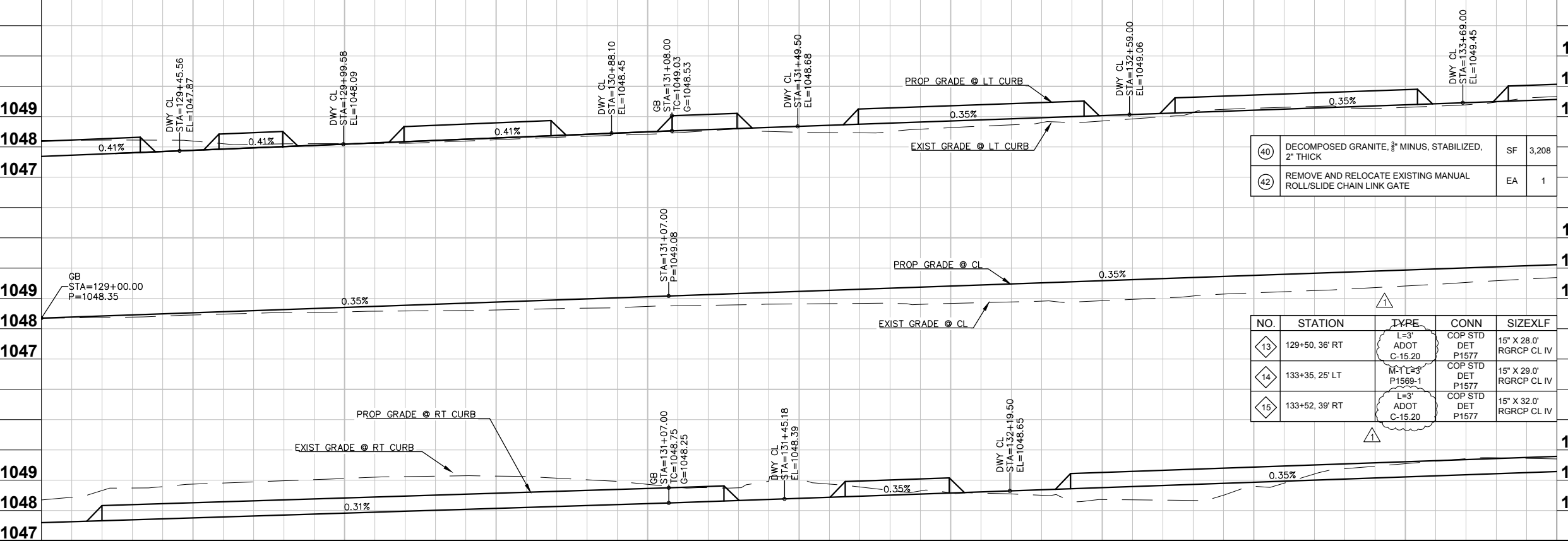
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27TH AVENUE

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40	DECOMPOSED GRANITE, 3/8\"/>		
42	REMOVE AND RELOCATE EXISTING MANUAL ROLL/SLIDE CHAIN LINK GATE	EA	1

NO.	STATION	TYPE	CONN	SIZE/LF
13	129+50, 36' RT	L=3' ADOT C-15.20	COP STD DET P1577 RGRCP CL IV	15" X 28.0' RGRCP CL IV
14	133+35, 25' LT	M-TL=3' P1569-1	COP STD DET P1577 RGRCP CL IV	15" X 29.0' RGRCP CL IV
15	133+52, 39' RT	L=3' ADOT C-15.20	COP STD DET P1577 RGRCP CL IV	15" X 32.0' RGRCP CL IV

REMOVALS BY OTHERS

NO.	DESCRIPTION	UNIT	QTY.
4	CABLE T/FO BOX, UTILITY MARKER TO BE RELOCATED BY COX FORCES	EA	1
5	TELEPHONE PEDESTAL, UTILITY MARKER TO BE RELOCATED BY CENTURY LINK FORCES	EA	2
12	PIPE TO BE REMOVED BY RID FORCES	LF	300
13	TREE TO BE REMOVED BY RID FORCES	EA	1

REMOVALS

NO.	DESCRIPTION	UNIT	QTY.
1	REMOVE EXISTING PAVEMENT (STA 129+00 TO 134+00)	SY	2,867
5	EXISTING PIPE, BACKFILL & COMPACT (STA 129+00 TO 134+00)	LF	200
10	EXISTING CONCRETE SAFETY CURB (STA 132+17 TO 132+23)	LF	235
16	REMOVE EXISTING BLOCK WALL AND FOOTING (STA 131+65 TO 132+85)	LF	113
18	REMOVE EXISTING POST AND FOUNDATION (STA 131+85)	EA	1
20	REMOVE AND SALVAGE EXISTING OVERHEAD SIGN STRUCTURE.	EA	1

CONSTRUCTION NOTES

NO.	DESCRIPTION	UNIT	QTY.
1	NEW PAVEMENT PER TYPICAL SECTIONS ON SHEETS 5-9. SEE SHEET 3 FOR QUANTITIES	SY	3,398
2	CURB AND GUTTER PER MAG STD. DET. 220-1, TYPE "A"	LF	970
3	CONCRETE SIDEWALK PER COP STD DET P1230, WIDTH PER PLAN	SF	3,290
4	CONCRETE DRIVEWAY PER COP STD DET P1255-1 (9" THICK)	SF	1,137
5	CONCRETE DRIVEWAY PER COP STD DET P1255-2 (9" THICK)	SF	1,579
10	ADJUST EXISTING WATER VALVE FRAME & COVER PER COP STD DET P1391 & P1391-1	EA	2
12	ADJUST STORM SEWER MANHOLE FRAME & COVER PER MAG STD DET 422	EA	2
14	SINGLE CURB PER MAG STD. DET. 222, TYPE "A"	LF	420
15	CURB TERMINATION PER MAG STD DET 222	EA	9
17	ASPHALT CONCRETE DRIVEWAY CONNECTION (D 1/2), 3" THICK	TON	62
19	NEW FIRE HYDRANT PER COP STD DET P1360. REMOVE, SALVAGE & DELIVER TO CITY OF PHOENIX YARD ALL EXISTING FIRE HYDRANT ASSEMBLIES.	EA	1
20	ADJUST UTILITY MANHOLE FRAME & COVER PER UTILITY COMPANY DETAILS & SPECIFICATIONS	EA	2
21	RELOCATE WATER METER BOX PER COP STD DET P1342 & P1363	EA	6
22	REMOVE AND RELOCATE EXISTING CHAIN LINK FENCE TO RIGHT OF WAY	LF	62
23	REMOVE AND RELOCATE EXISTING MAIL BOX	EA	1
33	REMOVE & RELOCATE EXISTING BOULDERS	EA	2
37	ADJUST EXISTING SEWER CLEANOUT PER COP STD DET P1270	EA	1
39	REMOVE AND RELOCATE EXISTING STEEL PIPE SWING GATE GATE	EA	1

PAVING PLAN AND PROFILE

CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

27TH AVENUE
LOWER BUCKEYE ROAD TO BUCKEYE ROAD
ST85100341

DR: OG	DES: CSS	CK: CSS	SHEET NO: 19R1	TOTAL SHEETS: 63	AS BUILT
DATE: 9/18	DATE: 9/18	DATE: 9/18			

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

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27TH AVENUE
LOWER BUCKEYE ROAD TO
BUCKEYE ROAD

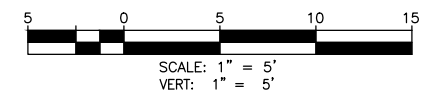
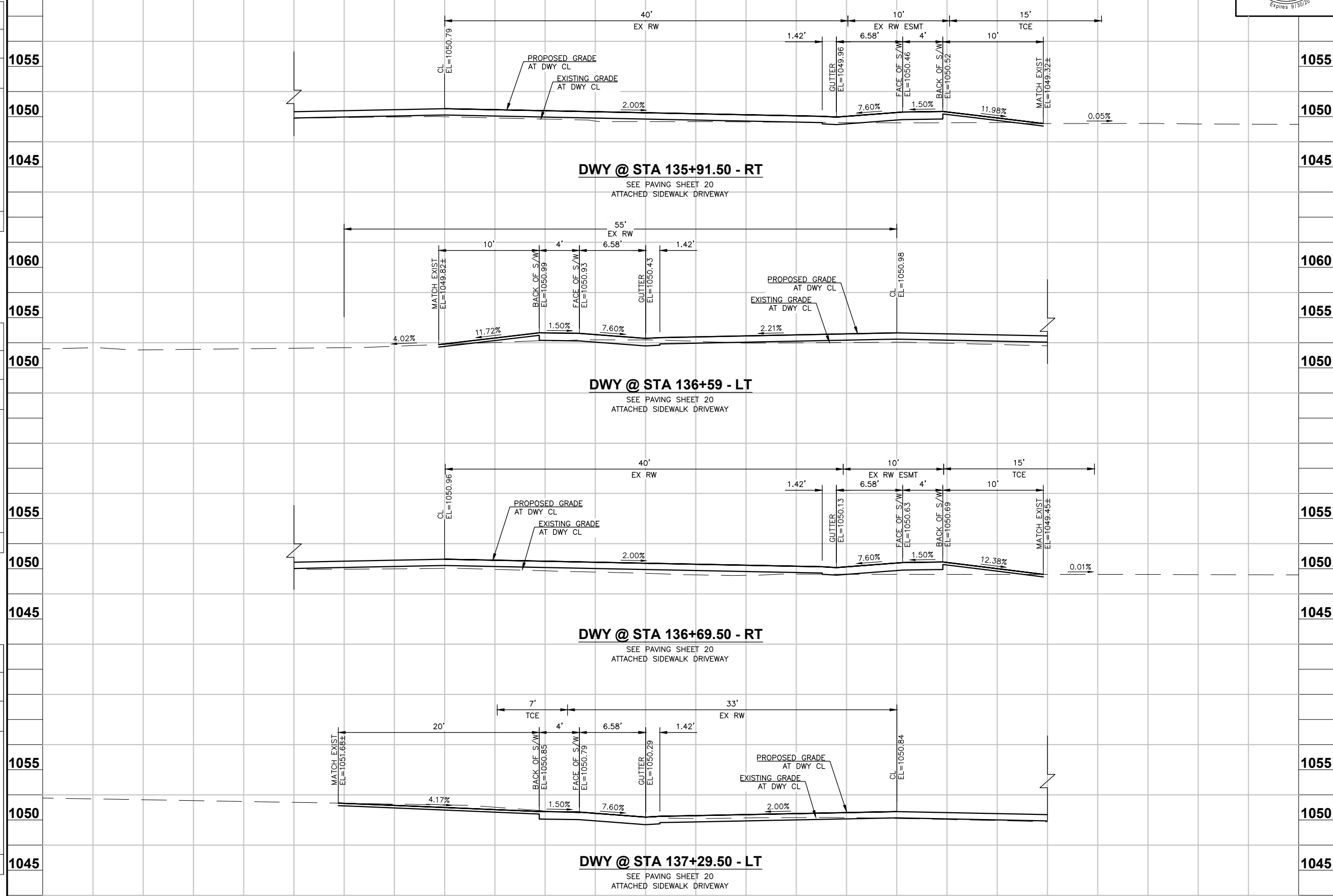


F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL	AS BUILT
9	ARIZ.	ST85100341			
TY LIN INTERNATIONAL engineers planners scientists			T.Y. LIN INTERNATIONAL CONSULTING ENGINEER		
DES: CSS	DR: OG	CK: CSS	DATE: 9/18		

NO.	DESCRIPTION	REV BY	CHK BY	DATE

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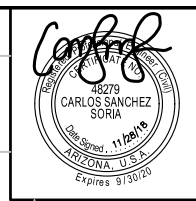
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DRIVEWAY PROFILE SHEETS
CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT
27TH AVENUE
LOWER BUCKEYE ROAD TO BUCKEYE ROAD
ST85100341

DR: OG	DES: CSS	CK: CSS	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 9/18	DATE: 9/18	DATE: 9/18	28R1	63	
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27TH AVENUE
LOWER BUCKEYE ROAD TO
BUCKEYE ROAD



F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL	AS BUILT
9	ARIZ.	ST85100341			

TY LIN INTERNATIONAL T.Y. LIN INTERNATIONAL
engineers | planners | scientists CONSULTING ENGINEER
DES: CSS DR: OG CK: CSS DATE: 9/18

REVISION BY CITY OF PHOENIX

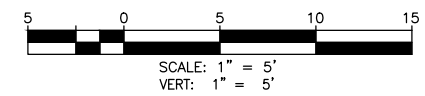
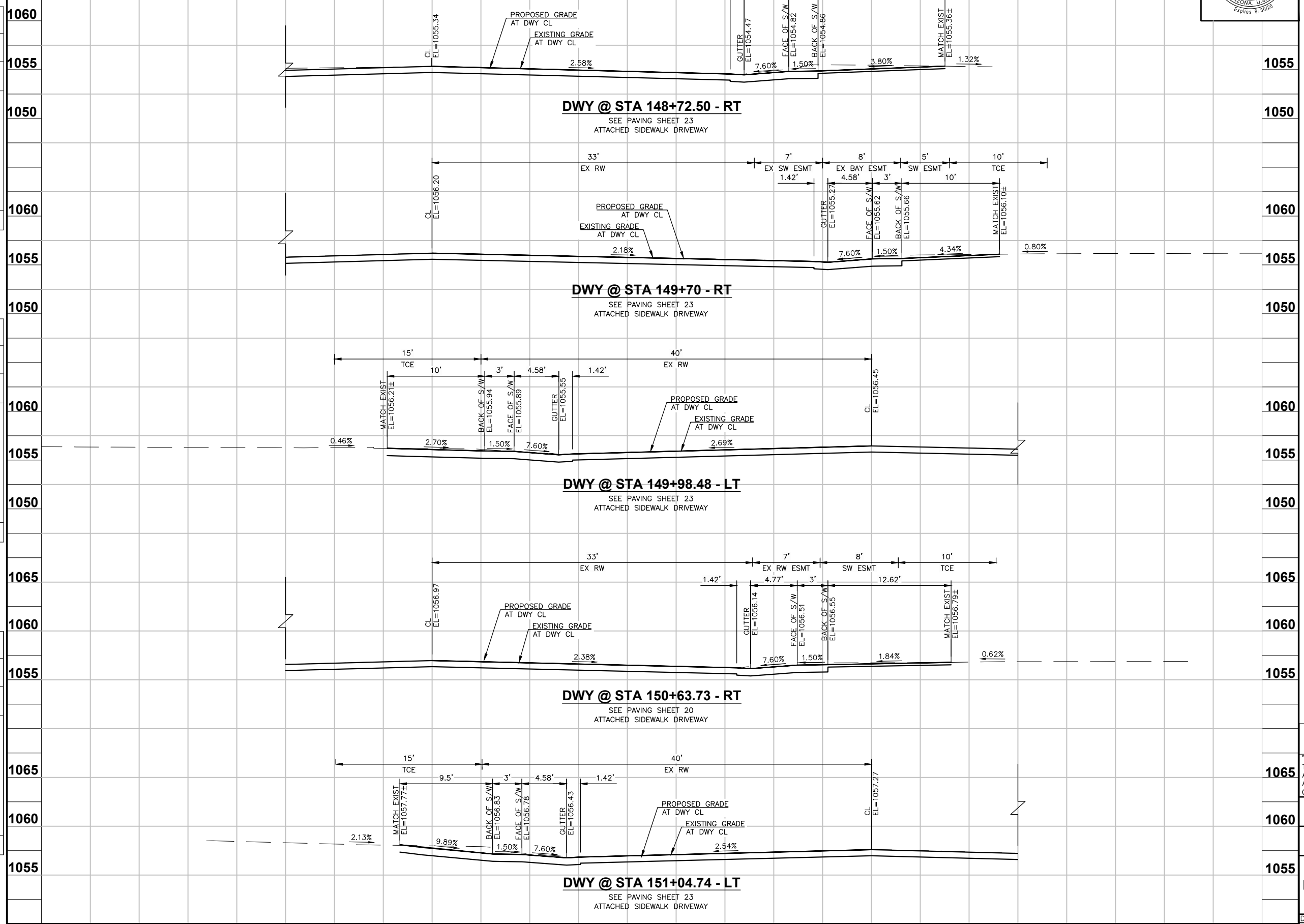
NO.	DESCRIPTION	REV BY	CHK BY	DATE

REVISION BY CITY OF PHOENIX

NO.	DESCRIPTION	REV BY	CHK BY	DATE

REVISION BY CITY OF PHOENIX

NO.	DESCRIPTION	REV BY	CHK BY	DATE



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DRIVEWAY PROFILE SHEETS
CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

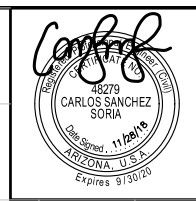
27TH AVENUE
LOWER BUCKEYE ROAD TO BUCKEYE ROAD
ST85100341

DR: OG	DES: CSS	CK: CSS	SHEET NO:	TOTAL SHEETS	AS BUILT
DATE: 9/18	DATE: 9/18	DATE: 9/18	31R1	63	

SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL

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27TH AVENUE
LOWER BUCKEYE ROAD TO
BUCKEYE ROAD



F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL	AS BUILT
9	ARIZ.	ST85100341			

TY LIN INTERNATIONAL
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T.Y. LIN INTERNATIONAL
CONSULTING ENGINEER

DES: CSS DR: TS CK: CSS DATE: 9/18

REVISION BY CITY OF PHOENIX

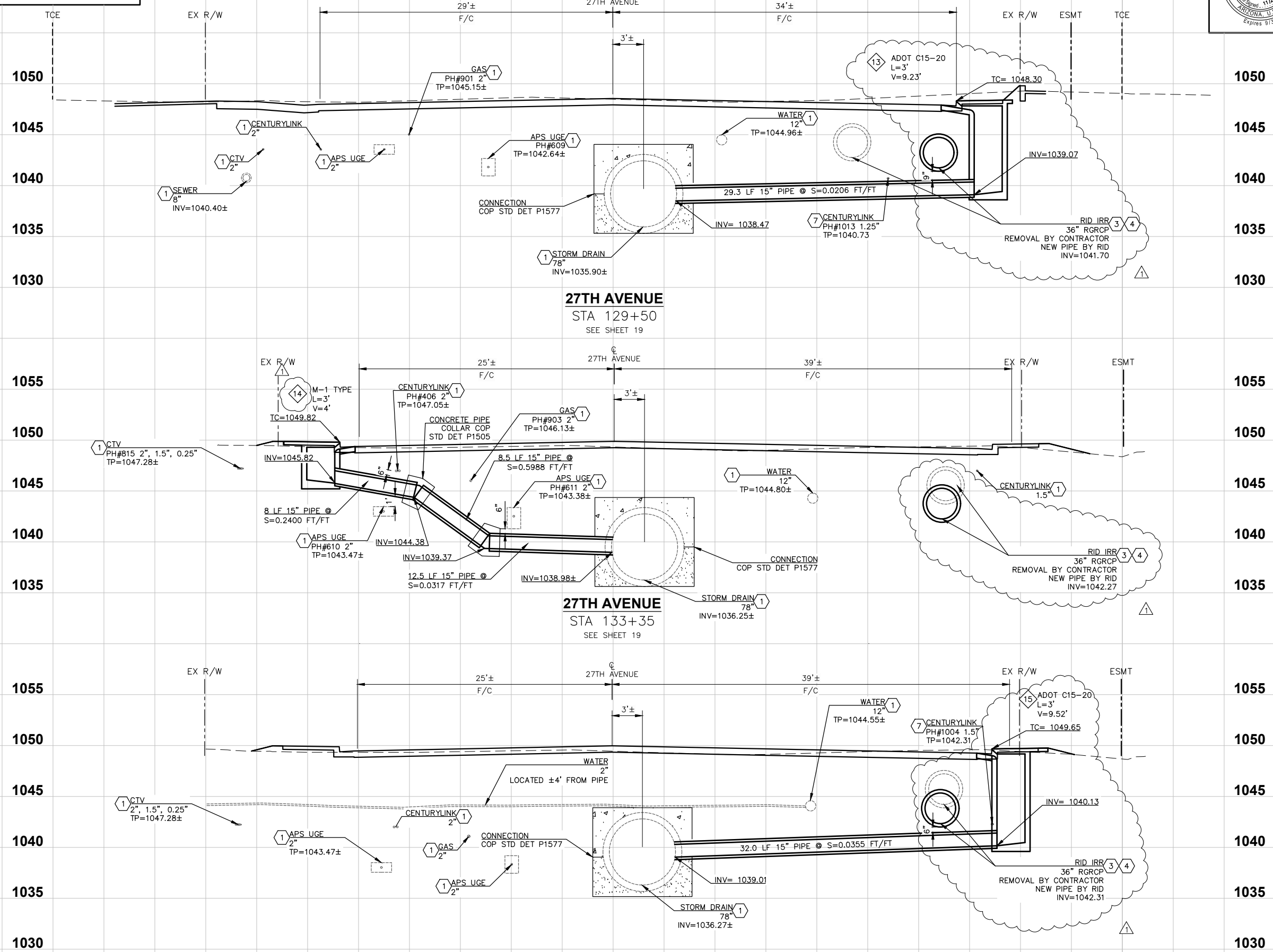
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REVISION BY CITY OF PHOENIX

NO.	DESCRIPTION	REV BY	CHK BY	DATE

REVISION BY CITY OF PHOENIX

NO.	DESCRIPTION	REV BY	CHK BY	DATE



- 1 PROTECT IN PLACE
- 2 COX FACILITIES TO BE RELOCATED BY COX CREWS PER THE APPROVED PLANS AND PRIOR TO CONSTRUCTION OF THIS PROJECT.
- 3 CONTRACTOR TO REMOVE EXISTING IRRIGATION PIPE.
- 4 NEW RID IRRIGATION PIPE BY RID FORCES. NEW PIPE TO BE INSTALLED PRIOR TO CONSTRUCTION OF THIS PROJECT.
- 5 REPLACE IRRIGATION PIPE PER SRP PLANS.
- 6 GAS LINE TO BE RELOCATED BY SOUTHWEST GAS CREWS PER THE APPROVED PLANS AND PRIOR TO CONSTRUCTION OF THIS PROJECT.
- 7 CENTURYLINK FACILITIES TO BE RELOCATED BY CENTURYLINK CREWS PER THE APPROVED PLANS AND PRIOR TO CONSTRUCTION OF THIS PROJECT.
- 8 SPRINT FACILITIES TO BE RELOCATED BY SPRINT CREWS PER THE APPROVED PLANS AND PRIOR TO CONSTRUCTION OF THIS PROJECT.
- 9 ZAYO FACILITIES TO BE RELOCATED BY ZAYO CREWS PER THE APPROVED PLANS AND PRIOR TO CONSTRUCTION OF THIS PROJECT.

NOTE:

1. WATER LINE ELEVATIONS ARE BASED ON SURVEYED TOP OF NUT AT WATER VALVES.
2. SEWER LINE ELEVATIONS ARE BASED ON CITY'S QUARTER SECTION MAPS.



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CONNECTOR PIPE PROFILES
CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

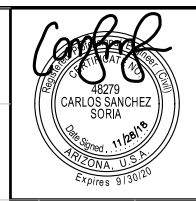
27TH AVENUE
LOWER BUCKEYE ROAD TO BUCKEYE ROAD
ST85100341

DR: TS	DES: CSS	CK: CSS	SHEET NO: 47R1	TOTAL SHEETS: 63	AS BUILT
DATE: 9/18	DATE: 9/18	DATE: 9/18			

SCALE: 1"=5'

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27TH AVENUE
LOWER BUCKEYE ROAD TO
BUCKEYE ROAD



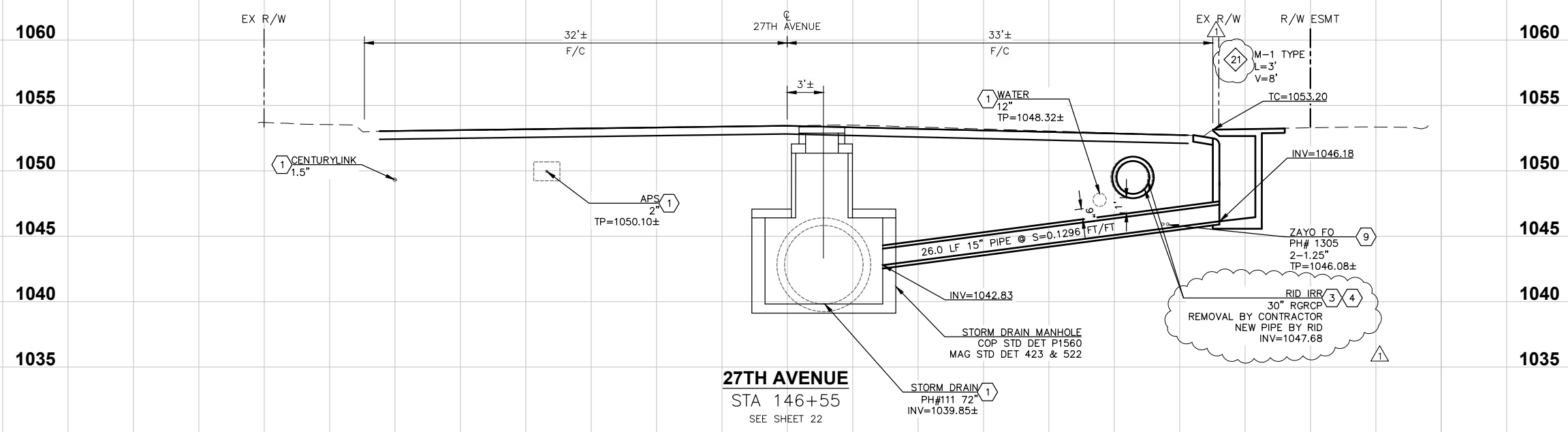
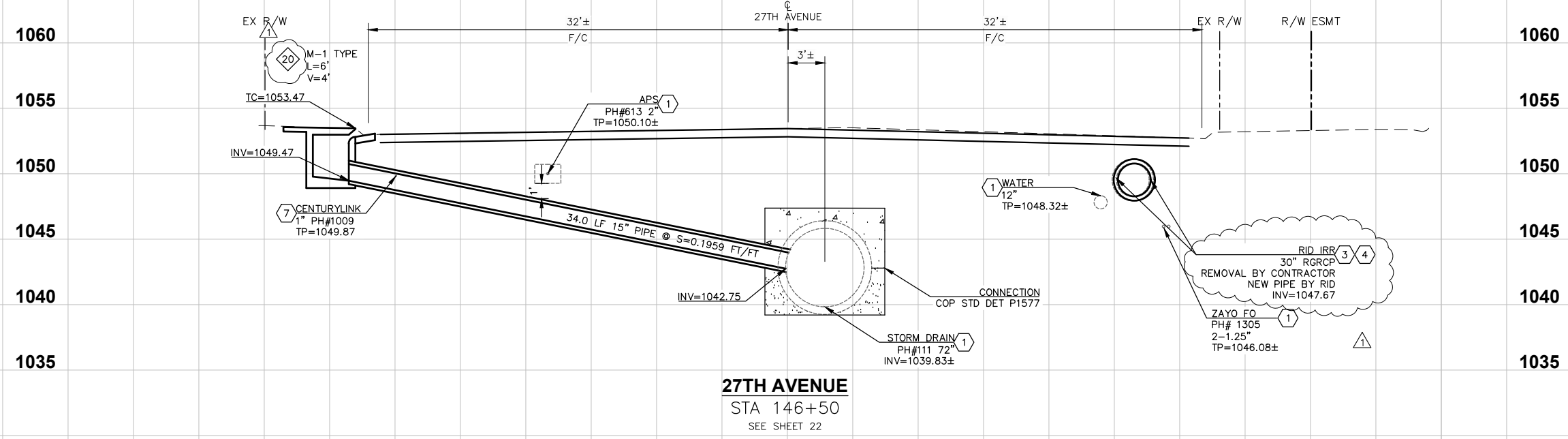
F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL	AS BUILT
9	ARIZ.	ST85100341			
TY LIN INTERNATIONAL engineers planners scientists			T.Y. LIN INTERNATIONAL CONSULTING ENGINEER		
DES: CSS	DR: TS	CK: CSS	DATE: 9/18		

NO.	DESCRIPTION	REV BY	CHK BY	DATE

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NO.	DESCRIPTION	REV BY	CHK BY	DATE



- 1 PROTECT IN PLACE
- 2 COX FACILITIES TO BE RELOCATED BY COX CREWS PER THE APPROVED PLANS AND PRIOR TO CONSTRUCTION OF THIS PROJECT.
- 3 CONTRACTOR TO REMOVE EXISTING IRRIGATION PIPE.
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CONNECTOR PIPE PROFILES
CITY OF PHOENIX, ARIZONA
STREET TRANSPORTATION DEPARTMENT

27TH AVENUE
LOWER BUCKEYE ROAD TO BUCKEYE ROAD
ST85100341

DR: TS	DES: CSS	CK: CSS	SHEET NO:	TOTAL SHEETS:	AS BUILT:
DATE: 9/18	DATE: 9/18	DATE: 9/18	49R1	63	
SCALE: 1"=5'					

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