

**BENCHMARKS:**

BM #1: CITY OF WICHITA BENCHMARK DISC, 48.5' W. & 28' N. OF Q OF 21ST STREET NORTH AND HOOVER STREET. ELEV. = 1326.47 NGVD29

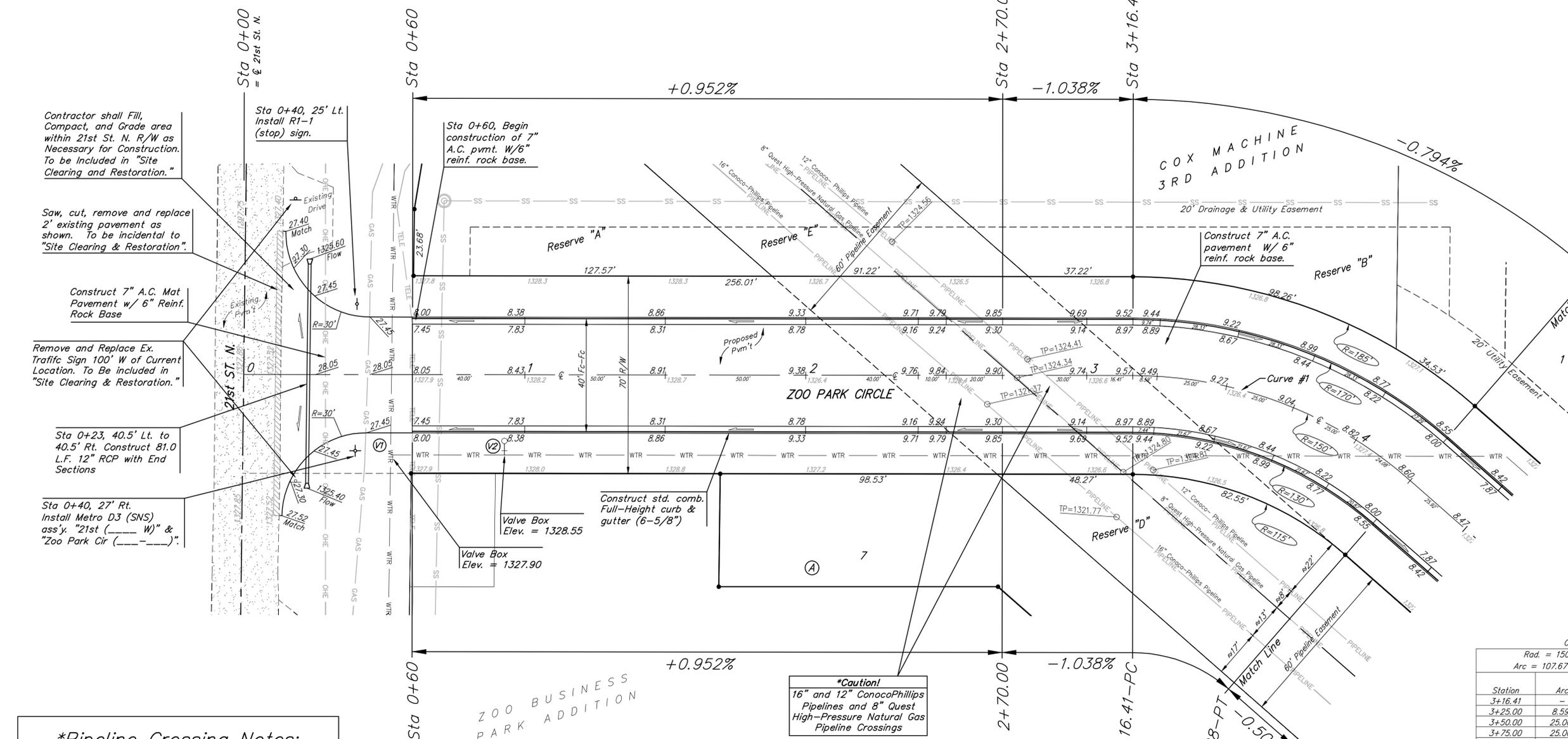
BM #2: RAIL ROAD SPIKE IN POWER POLE 28' N. OF Q OF 21ST STREET NORTH ALONG THE WEST LINE OF THE PLAT. ELEV. = 1327.25 NGVD29



P.V.I. Elev. = 1330.00  
60' V.C.

P.V.I. Elev. = 1329.18  
No V.C.

P.V.I. Elev. = 1328.55  
No V.C.



Contractor shall Fill, Compact, and Grade area within 21st St. N. R/W as Necessary for Construction. To be Included in "Site Clearing and Restoration."

Saw, cut, remove and replace 2" existing pavement as shown. To be incidental to "Site Clearing & Restoration."

Construct 7" A.C. Mat Pavement w/ 6" Reinf. Rock Base

Remove and Replace Ex. Traffic Sign 100' W of Current Location. To Be Included in "Site Clearing & Restoration."

Sta 0+23, 40.5' Lt. to 40.5' Rt. Construct 81.0 L.F. 12" RCP with End Sections

Sta 0+40, 27' Rt. Install Metro D3 (SNS) ass'y. 21st (--- W) & Zoo Park Cir (--- ---).

Sta 0+60, Begin construction of 7" A.C. pvmt. W/6" reinf. rock base.

Construct std. comb. Full-Height curb & gutter (6-5/8")

Construct 7" A.C. pavement W/ 6" reinf. rock base.

**\*Caution!**  
16" and 12" ConocoPhillips Pipelines and 8" Quest High-Pressure Natural Gas Pipeline Crossings

- \*Pipeline Crossing Notes:**
- No Construction Equipment or Operations shall be allowed within ConocoPhillips or Quest Pipeline Right-of-way without first contacting a representative from both pipeline companies, a minimum of 48 hours prior to beginning construction.
  - Contractor and all sub-contractors shall be required to attend a safety meeting with pipeline personnel prior to any mobilization.
  - All construction work within or around the Pipeline Easement shall be done Monday through Friday.
  - Contractor shall coordinate all construction within Pipeline R/W with each Pipeline Company through Kansas One-Call. Contact the following in case of an emergency: Quest: Joe Fowler (316) 764-6015 ConocoPhillips: J.R. McCaffree (316) 838-3411

**VALVE LOCATION TABLE**

VALVE NUMBER	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V1	0+52.29	28.31'	Rt.
V2	0+92.80	28.31'	Rt.
V3	7+05.74	28.22'	Lt.
V4	10+93.56	30.70'	Lt.
V5	10+34.61	92.90'	Rt.

Paving contractor will be responsible to operate all water valves on the project, in the presence of the inspector, to ensure accessibility to the valves, and that all valves are left in the "ON" position when the project is completed.

**Curve #1**  
Curve Data Based on Centerline

Rad. = 150' Delta = 41°07'37" Tangent = 56.27'  
Arc = 107.67' L.C. = 105.37' Def./Ft. = 11.45917 Min.

Station	Arc	Face Chord Lengths		
		B' Left	B' Right	Def.
3+16.41	-	-	-	0'00'00"
3+25.00	8.59'	10.19'	6.99'	1'38'26"
3+50.00	25.00'	29.63'	20.31'	4'46'29"
3+75.00	25.00'	29.63'	20.31'	4'46'29"
4+00.00	25.00'	29.63'	20.31'	4'46'28"
4+24.08	24.08'	28.54'	19.56'	4'35'57"

**Baughman** Cox Machine 3rd Addition  
**ZOO PARK CIR.**  
Sta 0+00 to Sta 4+24.08

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-520-0149  
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84820	DESIGN RDM	DRAWN RDM
REVISIONS:	APPROVED AEG	DATE 6-17-09
SCALE Noted		SHEET <b>18 OF 32</b>

Cox Machine 3rd\STR\18-20\_Street Plans.dwg 08-10-E206