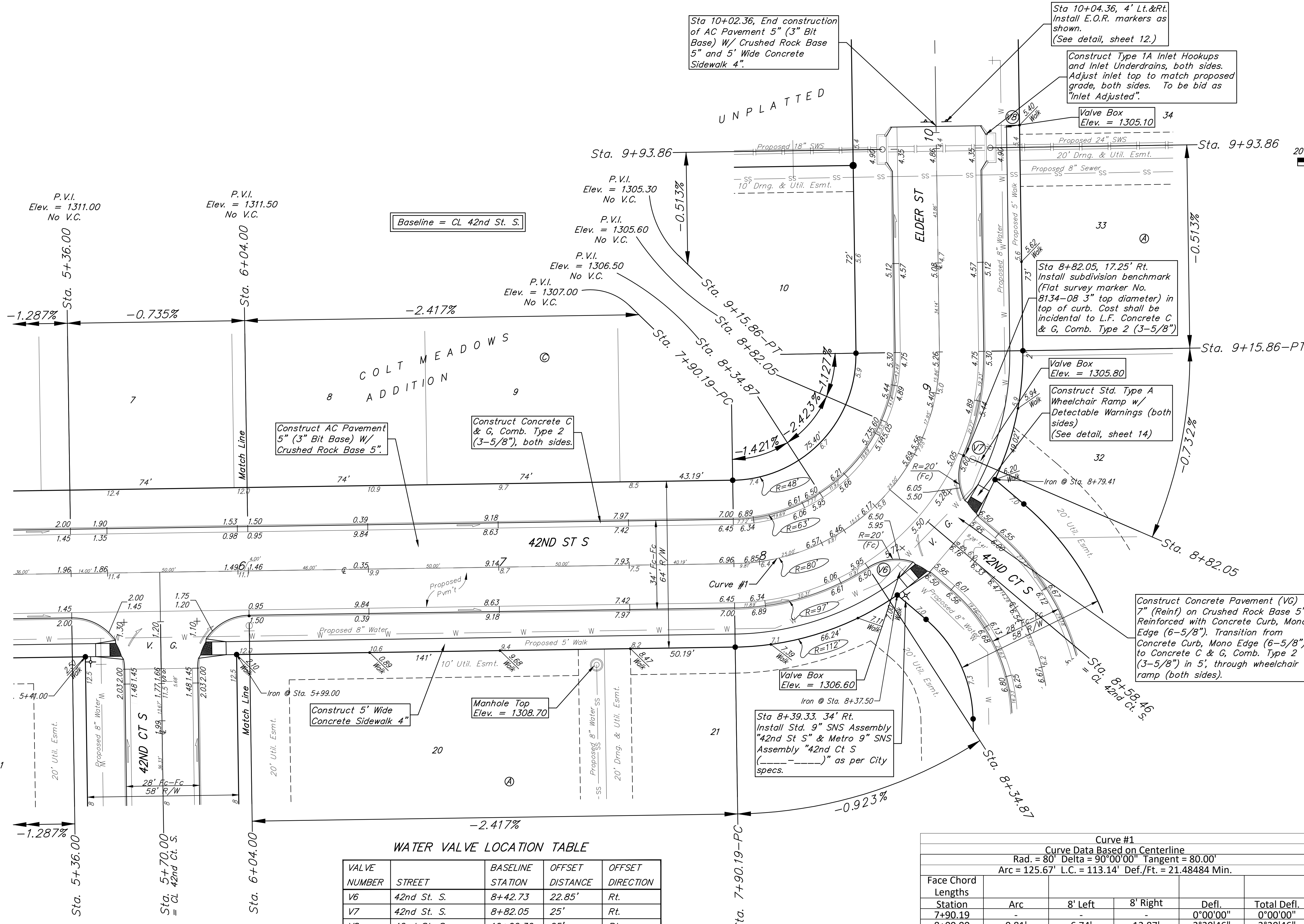


BENCHMARKS:
 BM #1: TOP OF 1 1/2" ALUMINUM MKEC DISC SOUTH SIDE OF FIELD ENTRANCE. 35' WEST OF HOOVER ROAD. 17' NNE OF POWER POLE. 28' SOUTH AND 35' WEST OF NE CORNER, SE1/4, SEC. 15, T28S, R1W. ELEV. = 1313.55 NAVD88

BM #2: CROSS CUT TOP OF CURB NORTH SIDE OF NORTH CIRCLE DRIVE TO OATVILLE ELEMENTARY. 3' WEST OF FIRE HYDRANT. 7' EAST OF FENCE CORNER. 373' NORTH AND 48' WEST OF NE CORNER, SE1/4, SEC. 15, T28S, R1W. ELEV. = 1315.78 NAVD88



Baseline = CL 42nd St. S

Construct AC Pavement 5" (3" Bit Base) W/ Crushed Rock Base 5".
 Construct Concrete C & G, Comb. Type 2 (3-5/8"), both sides.

Construct 5' Wide Concrete Sidewalk 4"

WATER VALVE LOCATION TABLE

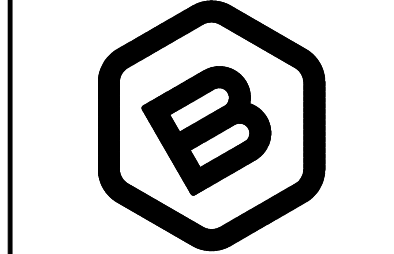
VALVE NUMBER	STREET	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V6	42nd St. S.	8+42.73	22.85'	Rt.
V7	42nd St. S.	8+82.05	25'	Rt.
V8	42nd St. S.	10+02.36	25'	Rt.

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 (except blowoffs) are left in the "ON" position when the project is completed.

Subdivision Bench Marks		
Street & Station	Location Description	Elevation
42nd St. S.	Adjacent to Fire Hydrant at E. End of E. Curb Return of 42nd St. S. and 42nd Ct. S. (Lots 21-32, Block A.)	

Curve #1						
Curve Data Based on Centerline						
Rad. = 80' Delta = 90°00'00" Tangent = 80.00'						
Arc = 125.67' L.C. = 113.14' Def./Ft. = 21.48484 Min.						
Face Chord Lengths	Station	Arc	8' Left	8' Right	Defl.	Total Defl.
	7+90.19	-	-	-	0°00'00"	0°00'00"
	8+00.00	9.81'	6.74'	12.87'	3°30'46"	3°30'46"
	8+25.00	25.00'	17.12'	32.68'	8°57'07"	12°27'53"
	8+34.87	9.87'	6.78'	12.95'	3°32'04"	15°59'57"
	8+50.00	15.13'	10.39'	19.83'	5°25'04"	21°25'01"
	8+75.00	25.00'	17.12'	32.68'	8°57'07"	30°22'08"
	8+82.05	7.05'	4.85'	9.25'	2°31'28"	32°53'36"
	9+00.00	17.95'	12.31'	23.51'	6°25'39"	39°19'15"
	9+15.86	15.86'	10.89'	20.78'	5°40'45"	45°00'00"

NOTE: ROLL TYPE CURB & GUTTER (TYPE 2) TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB (TYPE 4).



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COLT MEADOWS ADD.
 Phase 1

42nd St. S./ ELDER ST.

STREET IMPROVEMENTS

PROJECT NUMBER:
 22-04-E166

DESIGN: NBW DRAWN: TMS

DATE: April 28, 2022

SHEET OF
4 32

File: E:\Projects\Colt Meadows Addition_21-01-PE22\Engineering\Phase 1\Streets 22-04-E166\Streets.dwg