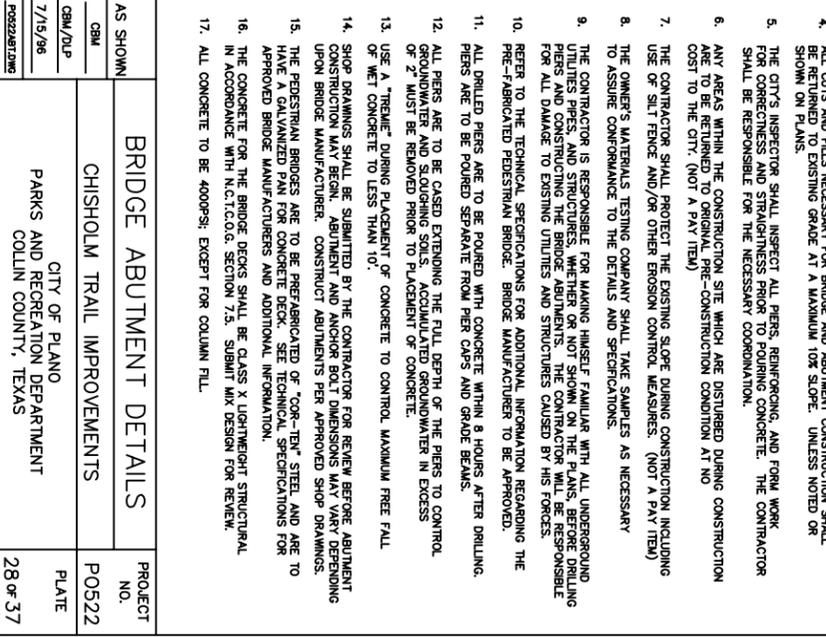
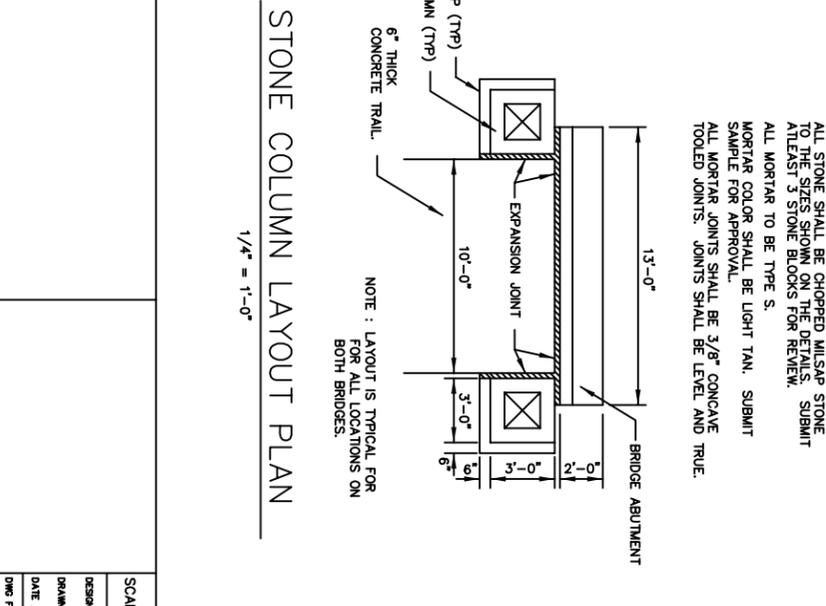
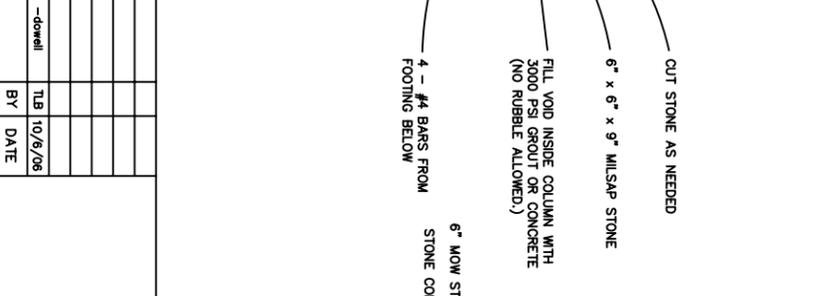
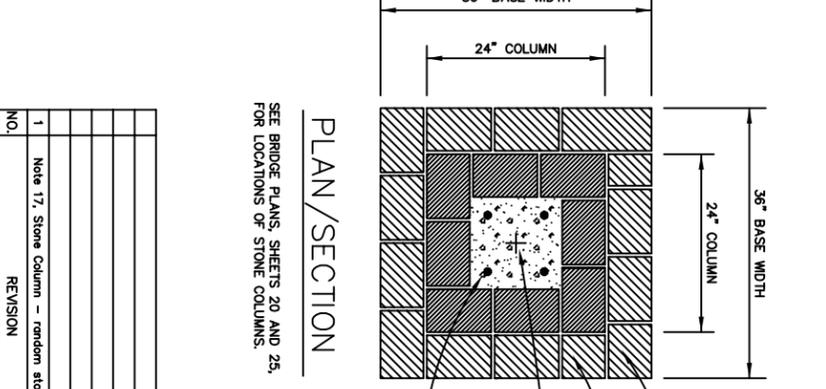
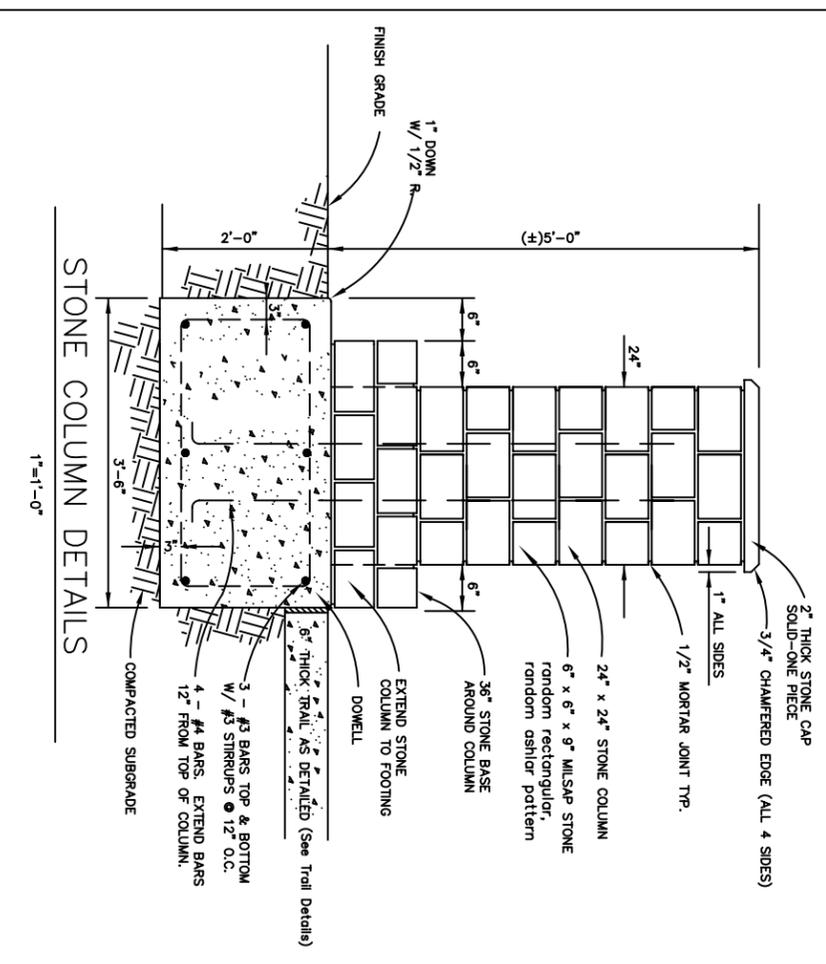


BRIDGE ABUTMENT NOTES

1. ALL CONCRETE USED IN THE PIERS AND ABUTMENTS SHALL BE CLASS C.
2. BOTH ABUTMENTS ARE TO BE LEVEL AND AT THE SAME ELEVATION.
3. THE REINFORCING USED IN THE PIERS AND ABUTMENTS SHALL BE NEW BILLET STEEL. ASTM A615 GRADE 60 EXCEPT STRIPPS SHALL BE GRADE 40 AND SPIRALS SHALL BE ASTM A615 GRADE 60.
4. ALL CUTS AND FILLS NECESSARY FOR BRIDGE AND ABUTMENT CONSTRUCTION SHALL BE RETURNED TO EXISTING GRADE AT A MAXIMUM 10% SLOPE UNLESS NOTED OR SHOWN ON PLANS.
5. THE CITY'S INSPECTOR SHALL INSPECT ALL PIERS, REINFORCING, AND FORM WORK FOR CORRECTNESS AND STRAIGHTNESS PRIOR TO POURING CONCRETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NECESSARY COORDINATION.
6. ANY AREAS WITHIN THE CONSTRUCTION SITE WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO PRE-CONSTRUCTION CONDITION AT NO COST TO THE CITY. (NOT A PAY ITEM)
7. THE CONTRACTOR SHALL PROTECT THE EXISTING SLOPE DURING CONSTRUCTION INCLUDING USE OF SILT FENCE AND/OR OTHER EROSION CONTROL MEASURES. (NOT A PAY ITEM)
8. THE OWNER'S MATERIALS TESTING COMPANY SHALL TAKE SAMPLES AS NECESSARY TO ASSURE CONFORMANCE TO THE DETAILS AND SPECIFICATIONS.
9. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES PAPERS, AND STRUCTURES, WHETHER OR NOT SHOWN ON THE PLANS, BEFORE DRILLING PIERS AND CONSTRUCTING THE BRIDGE ABUTMENTS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES AND STRUCTURES CAUSED BY HIS FORCES.
10. REFER TO THE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING THE PRE-FABRICATED PEDESTRIAN BRIDGE. BRIDGE MANUFACTURER TO BE APPROVED.
11. ALL DRILLED PIERS ARE TO BE POURED WITH CONCRETE WITHIN 8 HOURS AFTER DRILLING. PIERS ARE TO BE POURED SEPARATE FROM PIER CAPS AND GRADE BEAMS.
12. ALL PIERS ARE TO BE CASD EXTENDING THE FULL DEPTH OF THE PIERS TO CONTROL GROUNDWATER AND SLOUGHING SOILS. ACCUMULATED GROUNDWATER IN EXCESS OF 2" MUST BE REMOVED PRIOR TO PLACEMENT OF CONCRETE.
13. USE A "TRUMPET" DURING PLACEMENT OF CONCRETE TO CONTROL MAXIMUM FREE FALL OF WET CONCRETE TO LESS THAN 10'.
14. SHOP DRAWINGS SHALL BE SUBMITTED BY THE CONTRACTOR FOR REVIEW BEFORE ABUTMENT CONSTRUCTION MAY BEGIN. ABUTMENT AND ANCHOR BOLT DIMENSIONS MAY VARY DEPENDING UPON BRIDGE MANUFACTURER. CONSTRUCT ABUTMENTS PER APPROVED SHOP DRAWINGS.
15. THE PEDESTRIAN BRIDGES ARE TO BE PREFABRICATED OF "COR-TEN" STEEL AND ARE TO HAVE A GALVANIZED PAN FOR CONCRETE DECK. SEE TECHNICAL SPECIFICATIONS FOR APPROVED BRIDGE MANUFACTURERS AND ADDITIONAL INFORMATION.
16. THE CONCRETE FOR THE BRIDGE DECK SHALL BE CLASS X LIGHTWEIGHT STRUCTURAL IN ACCORDANCE WITH N.C.T.C.O.G. SECTION 7.5. SUBMIT MAX DESIGN FOR REVIEW.
17. ALL CONCRETE TO BE 4000-PSI, EXCEPT FOR COLUMN FILL.



NO.	REVISION	BY	DATE
1	Note 17, Stone Column - random stone -dowel	TJB	10/6/06

SCALE	AS SHOWN	PROJECT NO.
DESIGNED	GBM	CHISHOLM TRAIL IMPROVEMENTS
DRAWN	GBM/DLP	CITY OF PLANO
DATE	7/15/06	PARKS AND RECREATION DEPARTMENT
DWG FILE	PROJ28272726	COLLIN COUNTY, TEXAS
		PLATE
		28 OF 37