



**Technical Specifications**  
**For**  
**Goodwin/Conrads Lane**

City Contract #NB 19-002

**Prepared by**



Texas Registered Engineering Firm F-2144

CITY OF NEW BRAUNFELS  
GOVERNING SPECIFICATIONS FOR  
GOODWIN/CONRAD'S LANE



Standard specifications and special specifications applicable to this project are identified as follows:

TEXAS DEPARTMENT OF TRANSPORTATION SPECIFICATIONS

100	PREPARING RIGHT OF WAY
110	EXCAVATION
132	EMBANKMENT
160	TOPSOIL
164	SEEDING FOR EROSION CONTROL
168	VEGETATIVE WATERING
247	FLEXIBLE BASE
260	LIME TREATMENT (ROAD-MIXED)
300	ASPHALTS, OILS, AND EMULSIONS
302	AGGREGATES FOR SURFACE TREATMENTS
310	PRIME COAT
316	SEAL COAT
340	DENSE-GRADED HOT-MIX ASPHALT (SMALL QUANTITY)
400	EXCAVATION AND BACKFILL FOR STRUCTURES
401	FLOWABLE BACKFILL
402	TRENCH EXCAVATION PROTECTION
416	DRILLED SHAFT FOUNDATIONS
420	CONCRETE SUBSTRUCTURES
421	HYDRAULIC CEMENT CONCRETE
422	CONCRETE SUPERSTRUCTURES
423	RETAINING WALLS
425	PRECAST PRESTRESSED CONCRETE STRUCTURAL MEMBERS
426	POST-TENSIONING
432	RIPRAP
440	REINFORCEMENT FOR CONCRETE
441	STEEL STRUCTURES
442	METAL FOR STRUCTURES
448	STRUCTURAL FIELD WELDING
450	RAILING
454	BIDGE EXPANSION JOINTS
459	GABIONS AND GABION MATTRESSES
462	CONCRETE BOX CULVERTS AND DRAINS
464	REINFORCED CONCRETE PIPE
465	JUNCTION BOXES, MANHOLES, AND INLETS
476	JACKING, BORING, OR TUNNELING PIPE OR BOX
492	TIMBER PRESERVATIVE AND TREATMENT
500	MOBILIZATION
502	BARRICADES, SIGNS, AND TRAFFIC HANDLING
506	TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS
508	CONSTRUCTING DETOURS
512	PORTABLE TRAFFIC BARRIER
528	COLORLED TEXTURED CONCRETE AND LANDSCAPE PAVERS
529	CONCRETE CURB, GUTTER, AND COMBINED CURB AND GUTTER
530	INTERSECTIONS, DRIVEWAYS, AND TURNOUTS
531	SIDEWALKS
540	METAL BEAM GUARD FENCE
544	GUARDRAIL END TREATMENTS
618	CONDUIT
620	ELECTRICAL CONDUCTORS
621	TRAY CABLE

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624	GROUND BOXES
628	ELECTRICAL SERVICES
636	SIGNS
644	SMALL ROADSIDE SIGN ASSEMBLIES
656	FOUNDATIONS FOR TRAFFIC CONTROL DEVICES
662	WORK ZONE PAVEMENT MARKINGS
666	RETROREFLECTORIZED PAVEMENT MARKINGS
672	RAISED PAVEMENT MARKERS
677	ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS
678	PAVEMENT SURFACE PREPARATION FOR MARKINGS
682	VEHICLE AND PEDESTRIAN SIGNAL HEADS
684	TRAFFIC SIGNAL CABLES
685	ROADSIDE FLASHING BEACON ASSEMBLIES