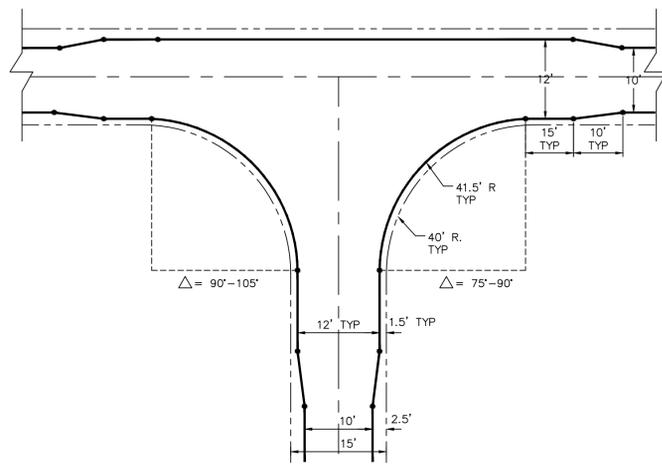
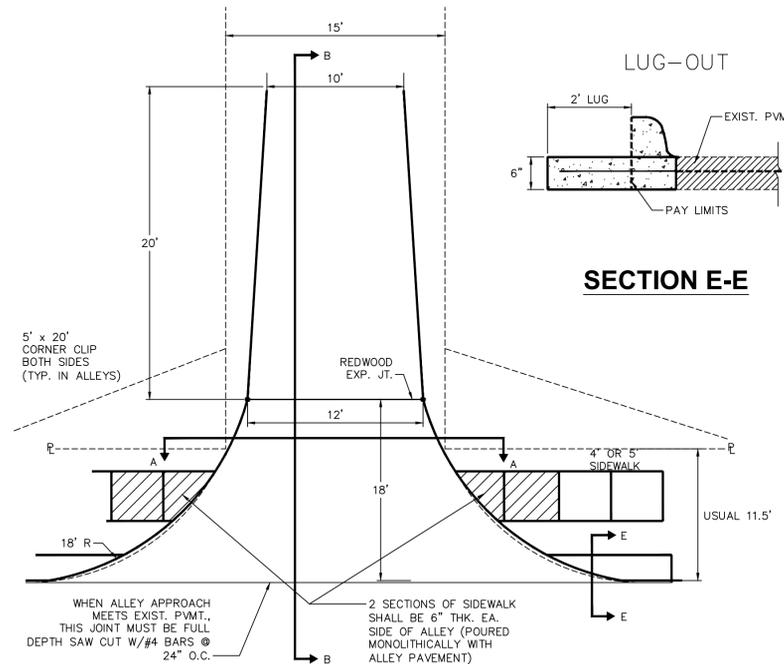


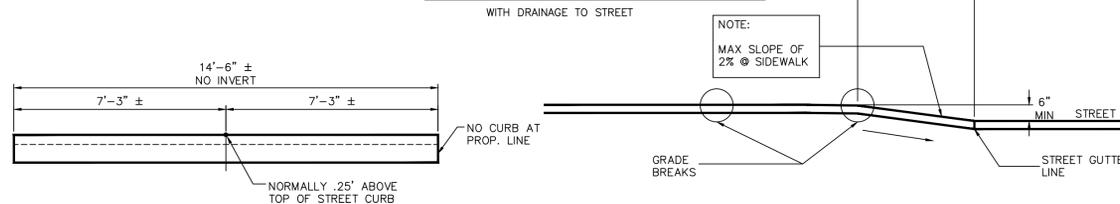
ALLEY INTERSECTION DETAIL



ALLEY INTERSECTION DETAIL

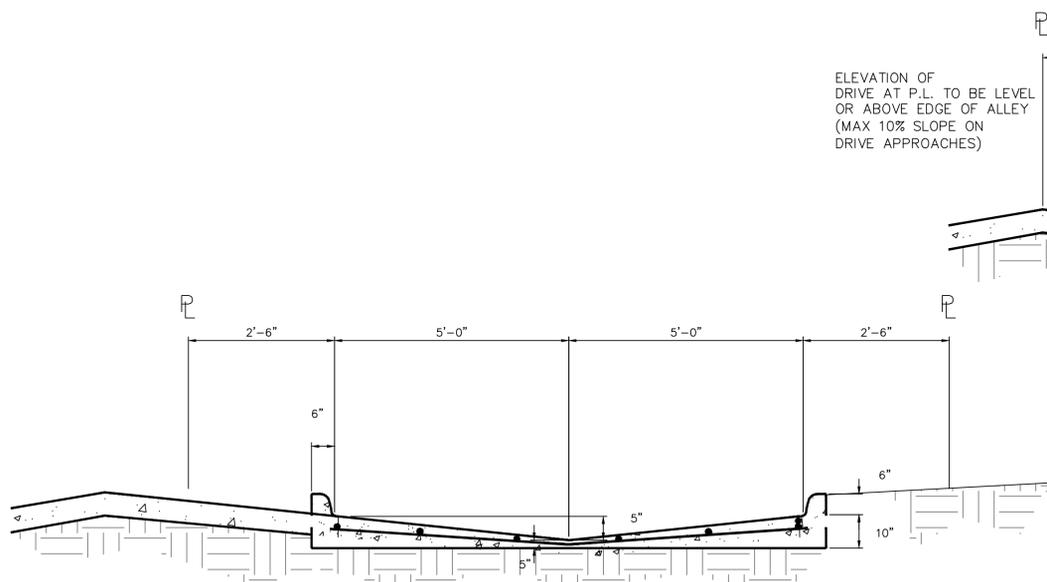


ALLEY APPROACH DETAIL



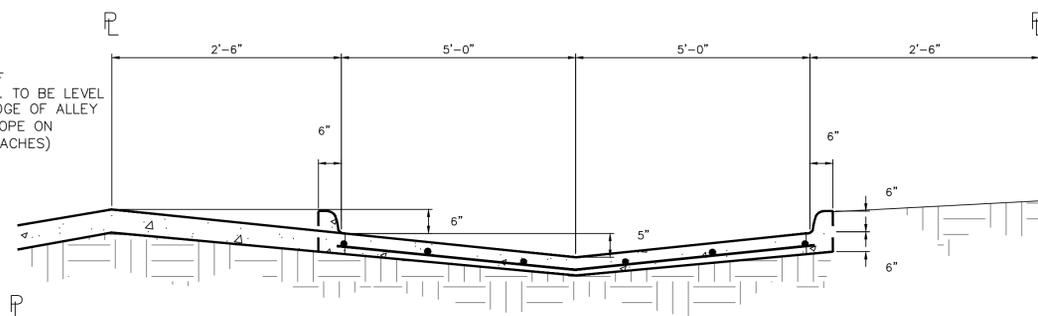
SECTION A-A

SECTION B-B



STANDARD ALLEY DETAIL

ALTERNATE ALLEY CROSS SECTION MAY BE USED IN LIEU OF STANDARD CROSS SECTION HOWEVER, NO ADDITIONAL COMPENSATION WILL BE PROVIDED TO THE CONTRACTOR.



ALTERNATE ALLEY DETAIL (SLIP FORM ONLY)

NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION NORTH CENTRAL TEXAS."
2. ALL ALLEY PAVEMENT SHALL BE CLASS "C" CONCRETE PER ITEM 303.3.4.2, REINFORCED WITH #4 BARS, GRADE 60 SPACED 24" O.C.E.W. ONE SACK OF CEMENT TO BE ADDED FOR HAND POURS
3. ALL JOINTS, SAWING AND SEALING OF LONGITUDINAL AND TRANSVERSE PAVEMENT JOINTS SHALL BE CONSIDERED SUBSIDIARY TO ALL PAVING ITEMS.
4. FOR PLACING OF CONCRETE PAVEMENT REFER TO ITEM 303.5.5.
5. FOR MAXIMUM SLUMP OF CONCRETE FOR PAVEMENT REFER TO ITEM 303.4.4.
6. ALTERNATE ALLEY CROSS SECTION MAY BE USED IN LIEU OF STANDARD ALLEY CROSS SECTION HOWEVER, NO ADDITIONAL COMPENSATION WILL BE PROVIDED TO THE CONTRACTOR.
7. SEE SHEET C-6 FOR JOINT DETAILS
8. INLETS SHALL NOT BE LOCATED IN ALLEY TRANSITIONS

PORTLAND CEMENT CONCRETE PAVEMENT

1. STANDARD SPECIFICATIONS ITEM 303.2.1.3 - "COARSE AGGREGATES" SHALL BE AMENDED THE FIRST SENTENCE IS DELETED AND REPLACED AS FOLLOWS "COARSE AGGREGATES SHALL BE 100% CRUSHED STONE"
2. STANDARD SPECIFICATIONS ITEM 303 SHALL BE AMENDED AS FOLLOWS:
 - A. ITEM 303.2.4. FLY ASH IS ALLOWED MAX 20% BY WEIGHT
 - B. ITEM 303.2.5 SHALL BE DELETED. NO MINERAL FILLER IS ALLOWED
 - C. ITEM 303.2.6 SHALL BE DELETED. NO FIBROUS REINFORCEMENT ALLOWED
3. STANDARD SPECIFICATIONS ITEM 303 SHALL BE AMENDED TO INCLUDE THE FOLLOWING:
 - A. ALL EQUIPMENT NECESSARY TO CONSTRUCT CONCRETE PAVEMENT SHALL BE APPROVED BY THE OWNER PRIOR TO STARTING THE PAVING OPERATION. PAVING EQUIPMENT REQUIREMENTS ARE AS FOLLOWS:
 1. **NEW STREET AND ALLEY PAVEMENT**
SLIPFORM PAVING EQUIPMENT AS DESCRIBED IN ITEM 303.4.3 OF THE STANDARD SPECIFICATIONS SHALL BE USED.
 2. **STREET AND ALLEY REPAIRS**
PAVING EQUIPMENT WILL BE DETERMINED BY THE OWNER.
 3. **FULL WIDTH ALLEY REPLACEMENT**
VIBRATING SCREED WITH TWO HAND HELD STINGER VIBRATORS SHALL BE USED TO CONSOLIDATE THE CONCRETE.
 - B. **CONCRETE FINISH**
NEW PAVEMENT: STREET AND ALLEY PAVEMENT SHALL BE TEXTURED WITH A NYLON BAKER BRUSH THAT IS CLEAN AND FREE OF GROUT BUILDUP. DRAG BROOM LONGITUDINALLY OVER THE PAVEMENT AFTER BLEED WATER HAS EVAPORATED (CONCRETE WILL APPEAR DULL) BUT BEFORE CONCRETE HAS ATTAINED ITS INITIAL SET.

C. CONCRETE TEMPERATURES

MAY 1 THROUGH SEPTEMBER 30

1. ALL MIXES AND MIX DESIGNS SHALL INCLUDE A RETARDING AGENT.
2. CONCRETE TEMPERATURE PRIOR TO PLACEMENT SHALL NOT EXCEED 95°F, (35°C).
3. THE TIME INTERVAL (FROM ADDITION OF INITIAL WATER):

AGITATED CONCRETE		
90°F OR ABOVE	(32.2°C)	45 MINUTES
75°F TO 89°F	(23.9° TO 31.6°C)	60 MINUTES
35°F TO 74°F	(1.6° TO 23.3°C)	90 MINUTES
NON AGITATED CONCRETE		
80°F OR ABOVE	(26.6°C)	15 MINUTES
35°F TO 79°F	(1.6° TO 26.1°C)	30 MINUTES

OCTOBER 1 THROUGH APRIL 30

1. CONCRETE TEMPERATURE PRIOR TO PLACEMENT SHALL NOT EXCEED 95°F, (35°C).
2. THE TIME INTERVAL (FROM ADDITION OF INITIAL WATER):

AGITATED CONCRETE		
90°F OR ABOVE	(32.2°C)	45 MINUTES
75°F TO 89°F	(23.9° TO 31.6°C)	60 MINUTES
35°F TO 74°F	(1.6° TO 23.3°C)	90 MINUTES
NON AGITATED CONCRETE		
80°F OR ABOVE	(26.6°C)	15 MINUTES
35°F TO 79°F	(1.6° TO 26.1°C)	30 MINUTES

Revisions:

City of Richardson
411 W. Arapaho Road
Suite 204
Richardson, Texas 75080
voice: 972 744-4280
fax: 972 744-5804

Drawn By: RGB
Checked By: COR

CITY OF RICHARDSON
TEXAS



**STANDARD
DETAILS**
City of Richardson, Texas

NO ADDITIONS OR CHANGES
TO STANDARD DETAIL
SHEETS UNLESS APPROVED
BY CITY OF RICHARDSON

24"x36" Scale: NTS

11"x17" Scale: NTS

Vertical Scale: NA

Project Number: XXX

Issue Date: 01 MAY 14

Sheet Title:

ALLEY

Sheet No.:

C-8