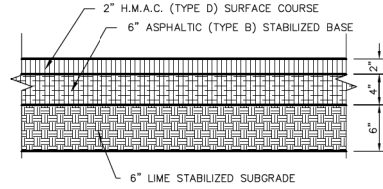


PAVING - GENERAL NOTES

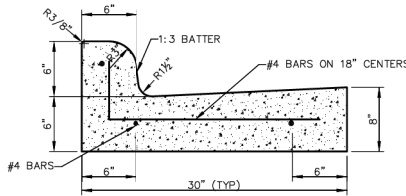
- GENERAL: PAVEMENT THICKNESS IS AS SHOWN IN ITEM 7. SUBGRADE DESIGN SHALL CONFORM TO TOWN OF ADDISON PUBLIC WORKS REQUIREMENTS IN ITEM 3, AND SHALL EXTEND 12" MIN. BEHIND THE BACK OF CURB.
- REINFORCED CONCRETE PAVEMENT:
 - CONCRETE STRENGTH SHALL BE AS SHOWN IN ITEM 7 (NCTCOG LATEST EDITION).
 - ALL CURBS SHALL BE INTEGRAL WITH PAVEMENT AND SHALL BE OF THE SAME STRENGTH AS CONCRETE PAVEMENT.
 - DETAIL AND ARRANGEMENT OF PAVEMENT JOINTS, ALL TYPES, SHALL BE AS SHOWN ON THE TOWN STANDARD CONSTRUCTION DETAILS.
 - BAR LAPS SHALL BE THIRTY DIAMETERS.
 - REINFORCING STEEL SHALL BE #3 REBAR (3/8") ON 18" CENTERS FOR 8" OR LESS. #4 FOR 10" OR ABOVE.
- SUBGRADE: SUBGRADE UNDER ALL PAVEMENT SHALL BE 6" THICK AND SHALL BE STABILIZED WITH AT LEAST 30 LBS. PER SQ. YD. HYDRATED LIME, COMPACTED TO A DENSITY NOT LESS THAN 95 PERCENT. LABORATORY TESTS MUST BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT FOR APPROVAL TO DETERMINE AMOUNT OF LIME REQUIRED. LABORATORY TEST MAY BE WAIVED PROVIDED AT LEAST 38 LBS. OF LIME PER SQ. YD. IS USED. SEE NCTCOG ITEM 301.2 "LIME TREATMENT" FLEXIBLE BASE (CRUSHED STONE/CONCRETE) PER NCTCOG ITEM 301.5 MAY BE SUBSTITUTED FOR LIME TREATMENT WITH THE APPROVAL OF THE TOWN ENGINEER.
- REBAR SHALL BE SUPPORTED BY BAR CHAIRS OR OTHER DEVICES APPROVED BY TOWN ENGINEER.
- NO TRAFFIC ON FINISHED SUBGRADE SHALL BE PERMITTED AFTER REINFORCING STEEL IS INSTALLED ABOVE SUBGRADE. NO TRAFFIC SHALL BE PERMITTED BEFORE OR DURING THE PLACING OF CONCRETE.
- CROSS SLOPE OF STRAIGHT CROWN STREETS SHALL BE 1/4" PER FOOT UNLESS APPROVED BY THE TOWN ENGINEER.
- PAVEMENT THICKNESS AND STRENGTHS SHALL BE AS FOLLOWS:

MAJOR ARTERIAL - 10" CLASS "P1" OR "P2."
MINOR ARTERIAL - 8" CLASS "P1" OR "P2."
COMMERCIAL/INDUSTRIAL COLLECTOR - 8" CLASS "P1" OR "P2."
RESIDENTIAL LOCAL - 8" CLASS "P1" OR "P2."
SIDEWALK AND DRIVE - 4" CLASS "A"
DRIVE APPROACH - 8" CLASS "P2"
ALLEY - 6" CLASS "P1" OR "P2."
- CONCRETE MIX DESIGN SHALL BE AS DEFINED BY NCTCOG 303.3.
- ALL MEDIANS AND PARKWAYS SHALL BE PROVIDED WITH BERMUDA GROUND COVER.
- ONCE A CURB ABUTTING A THOROUGHFARE HAS BEEN SAWCUT AND REMOVED, THE CONTRACTOR MUST REPLACE THE CONCRETE WITH A NEW POUR (I.E. DRIVEWAY) WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES WILL BE ASSESSED AT \$500 PER DAY FOR EACH CALENDAR DAY IN EXCESS OF 14 CALENDAR DAYS. PAYMENT SHALL BE MADE PRIOR TO ACCEPTANCE OR ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- ALL SIDEWALKS AND ACCESSIBLE ROUTES SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5% AND A MAXIMUM CROSS SLOPE OF 2%.
 - CONCRETE FOR ALLEY RETURNS AND DRIVEWAYS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS IDENTICAL TO THAT SPECIFIED FOR THE STREET PAVEMENT OR BASE WHEN BUILT AS COMPONENTS OF A CONCRETE PAVING PROJECT. WHEN BUILT SEPARATELY, THE STRENGTH SHALL BE AS SPECIFIED ON THE CONSTRUCTION PLAN.
 - SPACING AND CONSTRUCTION OF JOINTS SHALL CONFORM TO PARABOLIC STREET PAVEMENT.

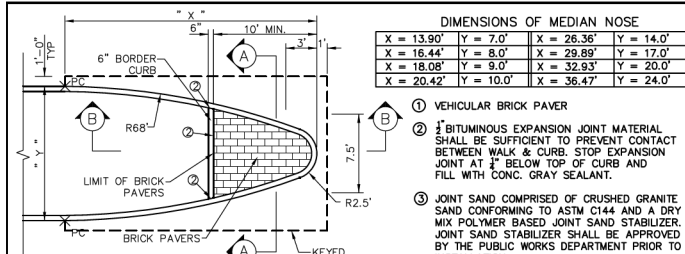


ASPHALT PAVING CROSS SECTION

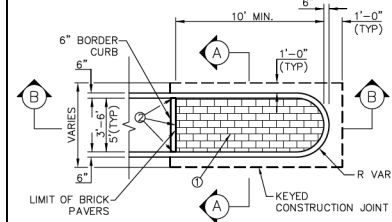
NOTE: CUT OF 8" INTO EXISTING PAVEMENT IS REQUIRED FOR CONSTRUCTION JOINT WITH NEW POURS TO GET A SMOOTH FINISH.



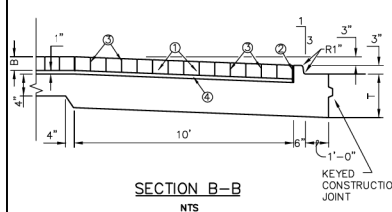
CURB AND GUTTER & ASPHALT PAVING CROSS SECTION



DETAIL FOR MEDIAN WIDER THAN 6' (Y > 6')



DETAIL FOR MEDIAN 3'-0" TO 6'-0"



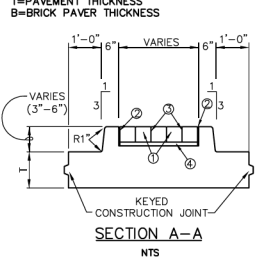
SECTION B-B

MEDIAN DETAILS

DIMENSIONS OF MEDIAN NOSE

X = 13.90'	Y = 7.0'	X = 26.36'	Y = 14.0'
X = 16.44'	Y = 8.0'	X = 28.89'	Y = 17.0'
X = 18.08'	Y = 9.0'	X = 32.93'	Y = 20.0'
X = 20.42'	Y = 10.0'	X = 36.47'	Y = 24.0'

- VEHICULAR BRICK PAVER
- BITUMINOUS EXPANSION JOINT MATERIAL SHALL BE SUFFICIENT TO PREVENT CONTACT BETWEEN WALK & CURB. STOP EXPANSION JOINT AT 1/2" BELOW TOP OF CURB AND FILL WITH CONC. GRAY SEALANT.
- JOINT SAND COMPRISED OF CRUSHED GRANITE SAND CONFORMING TO ASTM C144 AND A DRY MIX POLYMER BASED JOINT SAND STABILIZER. JOINT SAND STABILIZER SHALL BE APPROVED BY THE PUBLIC WORKS DEPARTMENT PRIOR TO INSTALLATION.
- BEDDING SAND COMPRISED OF 90% NATURAL OR CRUSHED GRANITE SAND CONFORMING TO ASTM C33 AND 10% PORTLAND CEMENT.



- NOTES:
- BRICK PAVERS SHALL BE VEHICULAR PAVERS CONFORMING TO ASTM C1272. TYPE R APPLICATION AND SHALL BE APPROVED BY PUBLIC WORKS DEPT.
 - BRICK PAVERS SHALL BE WITHOUT FROGS OR CORES IN SURFACE EXPOSED TO VIEW IN THE COMPLETED WORK.
 - MEDIAN PAVERS SHALL EXTEND TO A POINT WHERE MEDIAN IS AT LEAST 6' WIDE. IF MEDIAN IS 6' WIDE, PAVERS SHALL EXTEND 10' FROM THE NOSE.
 - ALL DISTANCES ARE MINIMUM.

PAVING GENERAL NOTES

STANDARD CONSTRUCTION DETAILS PAVING

DATE: AUGUST, 2010 REV. DATE: SHEET: SD-P01

CURB AND GUTTER & ASPHALT PAVING CROSS SECTION

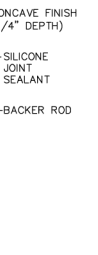
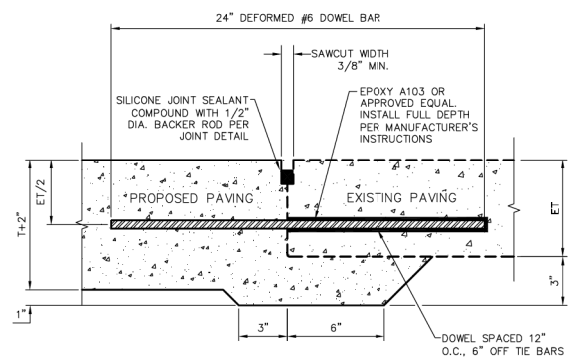
STANDARD CONSTRUCTION DETAILS PAVING

DATE: AUGUST, 2010 REV. DATE: SHEET: SD-P06

MEDIAN DETAILS

STANDARD CONSTRUCTION DETAILS PAVING

DATE: AUGUST, 2010 REV. DATE: SHEET: SD-P14



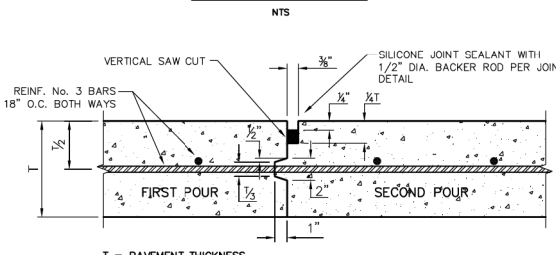
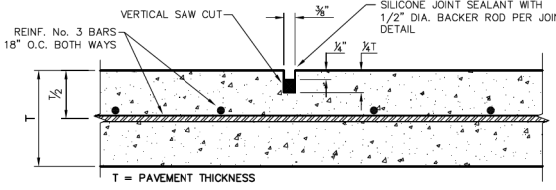
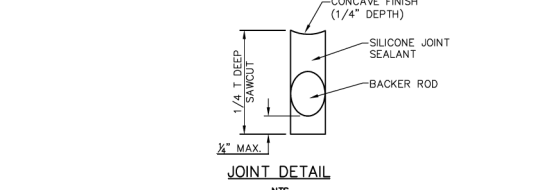
PAVEMENT REPAIR HEADER

- NOTES:
- NO. 5 DEFORMED DOWEL BAR MAY BE USED IN 6 INCH PAVEMENT.
 - DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG.
 - DRILLING BY HAND IS NOT ACCEPTABLE. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.
- T=PROPOSED PAVEMENT THICKNESS
ET=EXISTING PAVEMENT THICKNESS

PAVEMENT REPAIR HEADER

STANDARD CONSTRUCTION DETAILS PAVING

DATE: AUGUST, 2010 REV. DATE: SHEET: SD-P18

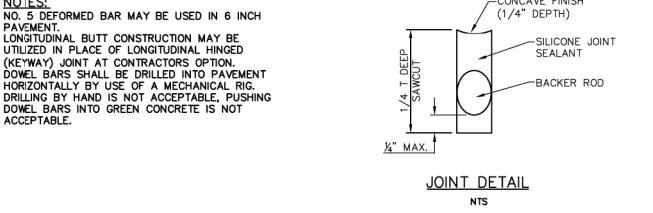
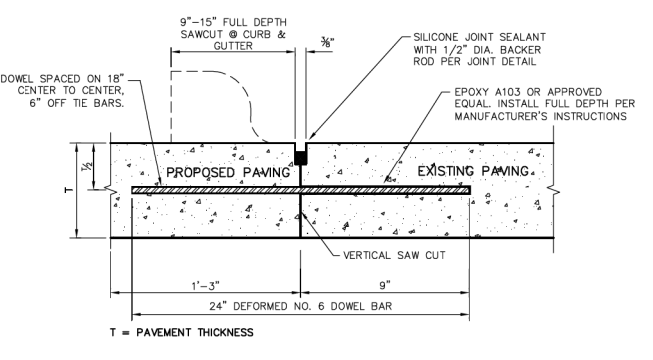


CONSTRUCTION JOINTS FOR PAVEMENT TRANSVERSE AND LONGITUDINAL JOINTS

JOINT DETAILS

STANDARD CONSTRUCTION DETAILS PAVING

DATE: AUGUST, 2010 REV. DATE: SHEET: SD-P18



LONGITUDINAL BUTT JOINT

- NOTES:
- NO. 5 DEFORMED BAR MAY BE USED IN 6 INCH PAVEMENT.
 - LONGITUDINAL BUTT CONSTRUCTION MAY BE UTILIZED IN PLACE OF LONGITUDINAL HINGED (KEYWAY) JOINT AT CONTRACTORS OPTION.
 - DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG.
 - DRILLING BY HAND IS NOT ACCEPTABLE. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.

LONGITUDINAL BUTT JOINT

STANDARD CONSTRUCTION DETAILS PAVING

DATE: AUGUST, 2010 REV. DATE: SHEET: SD-P19



Nov 07, 2019

REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			



4100 SPRING VALLEY ROAD, SUITE 1001
DALLAS, TX 75244
O: 972-392-9092 F: 972-392-9192
FIRM NO. F-4373

CONSTRUCTION DETAILS SHEET 2 OF 6
OAKS NORTH DRIVE DRAINAGE IMPROVEMENTS
TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
CRIADO	CRIADO	NOV 2019	AS SHOWN	R14285.01	DETAILS	CD-02

DATE: 11/18/2020 TIME: 12:06:02 PM FILE NAME: N:\PROJECTS\R14285.00_Addison_2017 Various Projects\DR14285.01_White Rock Drainage\07_DON0706_Sheets\1428501_Details.dgn