THOMPSON STREET STRUCTURE AND PIPE SCHEDULES

STORM STRUCTURE TABLE				
STRUCTURE	RIM EL	STRUCTURE IN	INVERT 1N	INVERT OUT
CB 91	385.10	CB 92	380.28	380.09
CB 92	386.50	CB 93	381.45	381.25
CB 93	389.03	YI 94	382.94	382.74
YI 94	387.33			383.09

STORM SYSTEM DATA							
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	SIZE	LENGTH	SLOPE	MATERIAL	DOWNSTREAM INVERT	UPSTREAM INVERT
FES 90	CB 91	24	14.19	0.60%	RCP	380.00	380.09
CB 93	YI 94	24	15.12	1.00%	RCP	382.94	383.09
CB 92	CB 93	24	128.39	1.00%	RCP	381.45	382.74
CB 91	CB 92	24	161.44	0.60%	RCP &	380.28	381.25

THOMPSON STREET CULVERT SCHEDULE

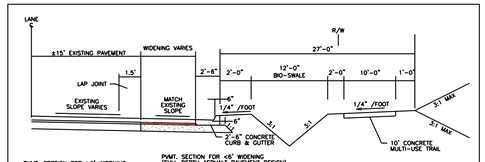
STORM STRUCTURE TABLE				
STRUCTURE	RIM EL	STRUCTURE IN	INVERT 1N	INVERT OUT
HW 100	380.97	HW 101	378.50	
HW 101	381.47			379.00

STORM SYSTEM DATA							
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	SIZE	LENGTH	SLOPE	MATERIAL	DOWNSTREAM INVERT	UPSTREAM INVERT
HW 100	HW 101	???	49.21	1.02%	RCP	378.50	379.00

STORM DRAINAGE NOTES:
FES: FLARED END SECTION, CB: CATCH BASIN, DI: DROP INLET PER NCDOT 840.18 W/ 840.22 GRATE, JB: JUNCTION BOX. HW: HEADWALL. DISCHARGE BASED ON 10-YR STORM EVENT UNLESS NOTED OTHERWISE.

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT TOWN OF PITTSBORO AND NCDOT STANDARD SPECIFICATIONS AND DETAILS.
2. RIM ELEVATION GIVEN FOR CB IS TOP OF CURB, DI IS TOP OF GRATE FOR GRATED INLET & JB IS TOP OF RIM.
3. ALL PIPING SHALL BE CLASS III REINFORCED CONCRETE PIPE (RCP) UNLESS NOTED OTHERWISE.
4. ALL PUBLIC STORM DRAINAGE FRAMES, GRATES, & HOODS SHALL BE STAMPED w/ "DRAINS TO RIVER" IN ACCORDANCE WITH TOWN OF PITTSBORO AND NCDOT STANDARDS.

& DENOTES CLASS IV PIPE



PVMT. SECTION FOR >6' WIDENING
10" AGGREGATE BASE COURSE-(2 LIFTS)
4" 119.0B ASPHALT INTERMEDIATE COURSE
3" 59.5B ASPHALT SURFACE COURSE

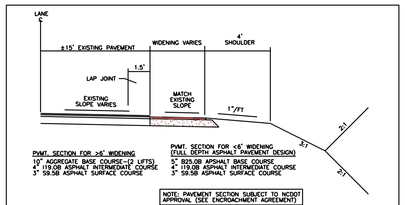
PVMT. SECTION FOR <6' WIDENING
(FULL DEPTH ASPHALT PAVEMENT DESIGN)
5" B25.0B ASPHALT BASE COURSE
4" 119.0B ASPHALT INTERMEDIATE COURSE
3" 59.5B ASPHALT SURFACE COURSE

NOTE: PAVEMENT SECTION SUBJECT TO NCDOT APPROVAL (SEE ENCROACHMENT AGREEMENT)

NOTE:
ALL ASPHALT WORK TO BE ACCEPTED ONTO THE STATE ROAD SYSTEM MUST BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES (LATEST EDITION), DIVISION 6 - ASPHALT SPECIFICATIONS. FINAL PAVEMENT SECTION SHALL BE IN ACCORDANCE WITH NCDOT ENCROACHMENT AGREEMENT FOR THIS PROJECT.

*MULTI-USE TRAIL AND SHOULDER FROM STATION 16+88.17 TO 18+88.99 SHALL VARY FROM TYPICAL, SEE PLAN.

THOMPSON STREET (EASTERN BOUND RIGHT TURN LANE)
TYPICAL WIDENING & PAVEMENT SECTION
NTS



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NOTE: PAVEMENT SECTION SUBJECT TO NCDOT APPROVAL (SEE ENCROACHMENT AGREEMENT)

NOTE:
ALL ASPHALT WORK TO BE ACCEPTED ONTO THE STATE ROAD SYSTEM MUST BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES (LATEST EDITION), DIVISION 6 - ASPHALT SPECIFICATIONS. FINAL PAVEMENT SECTION SHALL BE IN ACCORDANCE WITH NCDOT ENCROACHMENT AGREEMENT FOR THIS PROJECT.

THOMPSON STREET (EASTERN BOUND WIDENING)
TYPICAL WIDENING & PAVEMENT SECTION
NTS

ALL IMPROVEMENTS ASSOCIATED WITH THOMPSON STREET ARE SUBJECT TO NCDOT REVIEW AND APPROVAL.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF PITTSBORO AND NCDOT STANDARD DETAILS AND SPECIFICATIONS, LATEST REVISIONS.

APPROVED FOR CONSTRUCTION

TOWN OF PITTSBORO

WithersRavenel
Engineers | Planners | Surveyors
115 MacKenan Drive | Cary, NC 27511 | t: 919.469.3340 | license #: C-0832 | www.withersravenel.com

CHATHAM PARK
SECTION 5.1

PITTSBORO, CHATHAM COUNTY, NORTH CAROLINA

THOMPSON STREET IMPROVEMENTS

Job No.	02150098.12	Drawn By	JCI
Date	11/07/16	Designer	JCI

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 19982 JOHN C. IHNATOL
PRELIMINARY
NOT APPROVED FOR CONSTRUCTION

Revisions

Sheet No.
7.2

K:\15\15-0098\150098.12-CP Sec 5.6 Collector Rd\CADD\Construction Drawings\7.1 - 7.2 THOMPSON STREET IMPROVEMENTS.dwg- Monday, November 07, 2016 10:03:40 AM - DURYEA, COLLEEN E.