RIGHT-OF-WAY WIDTH: 150 FEET  (HALF SECTION SHOWN)

R.O.W.  

LIMITS OF CLEARING  

75'  

10'  
MINIMUM  
HALF MEDIAN  

SEED & MULCH  
AND/OR SOD  

31' PAVEMENT WIDTH  

34' MINIMUM  

SEED & MULCH  
AND/OR SOD  

2'  
SHOULDER  
(PAVED)  

12' LANE  

12' LANE  

5'  
SHOULDER  
(PAVED)  

6' TOTAL SHOULDER WIDTH  

(-) 3% MIN.  

(-) 6%  
4:1 MIN.  

P.G.L.  

SEE DETAIL  
TYPICAL AT BOTH  
EDGES OF PAVEMENT  

4:1 MAX.  

6:1  

STABILIZED SHOULDER  

LBR 40  

2" 12.5 S.P. AND 1 1/2" 9.5 S.P.  
CONCRETE SURFACE COURSE  

10" LIMESTONE BASE COURSE  
LBR 100/300 MAXIMUM DENSITY  
PER AASHTO T-180  
PRIMED ENTIRE WIDTH  

12" STABILIZED SUBGRADE  
LBR 40/50 MAXIMUM DENSITY  
PER AASHTO T-180  

TRAFFIC VOLUME  

11,000 < AADT < 20,000  

STRUCTURAL NUMBER: 430  

ST JOHNS COUNTY  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION  

3740 Old Kings Boulevard  
St Augustine, Florida 32084  
Phone (904) 209-0110  •  Fax (904) 209-0140  

REVISION  
10/09  

DESIGN DETAIL  

MAJOR COLLECTOR—4 LANE—150’ R.O.W.  
TYPICAL SWALED SECTION  

FILE NAME: D110.DWG  

APPROVED  

H.P. TOMPKINS, P.E.  
COUNTY ENGINEER  

DETAIL NO. 110  

EFFECTIVE DATE:  

PREVIEW:  