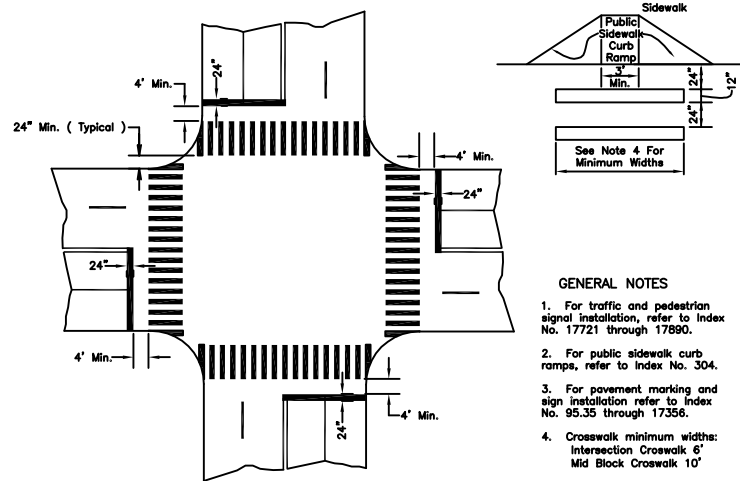


GENERAL NOTES:

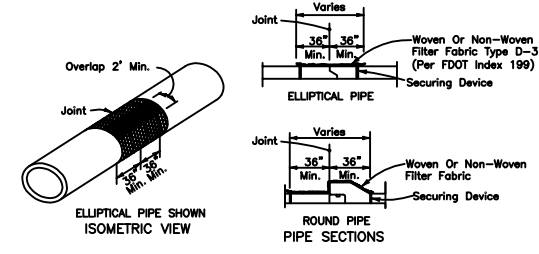
1. ALL NEW STORM AND SANITARY SEWER LINES IN THE CITY OF WINTER GARDEN SHALL BE SUBJECT TO CLOSED CIRCUIT TV INSPECTION PRIOR TO BEING ACCEPTED BY THE CITY, WHETHER PRIVATE OR CITY MAINTAINED. ALL STORM SEWER PIPE SHALL BE REINSPECTED AT THE YEAR END, COST TO BE PAID BY THE OWNER.
2. PIPE MATERIAL SHALL BE AS SHOWN ON THE CONSTRUCTION PLANS UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
3. CONTRACTOR AND OWNER ARE RESPONSIBLE FOR ENSURING THAT ALL CITY, COUNTY, STATE (FDEP, FDOT, SJRWMD, ETC.), AND FEDERAL PERMITS HAVE BEEN ISSUED FOR THE PROJECT.
4. ALL STORM SYSTEM MUST BE WATER-TIGHT WITH ALL JOINTS WRAPPED.
5. STORM SYSTEM WILL BE CLEANED PRIOR TO BEING TV'D.
6. IF HDPE PIPE IS USED UNDER ROADWAYS, NO JOINTS WILL BE ALLOWED UNDER THE PAVEMENT.
7. HDPE PIPE SHALL MEET F.D.O.T. COVER REQUIREMENTS AND WILL BE CHECKED FOR DEFLECTION ($\geq 5\%$) AT PROJECT COMPLETION.
8. THE HDPE PIPE MUST HAVE A WATER STOP GROUTING RING AT ALL MANHOLES OR INLETS.
9. THE OWNER SHALL KEEP A COPY OF THE WATER MANAGEMENT DISTRICT PERMIT, NPDES, NOI AND SWPP PLAN IN A CONSPICUOUS LOCATION ON THE JOB SITE AT ALL TIMES.
10. THE MINIMUM REQUIRED COVER FOR HDPE PIPE SHALL BE 3 FEET.
11. ALL STORM SEWER MANHOLES FRAME & COVER SHALL BE ASTM 225.
12. CLEAN SAND SHALL CONSIST OF MATERIAL HAVING LESS THAN 5% PASSING THE #200 SIEVE.
13. MANHOLE RISERS SHALL CONSIST OF NO MORE THAN THREE COURSES (LAYERS) OF BRICK TO FRAME & COVER.
14. STORM SEWER PIPES SHALL MEET ASTM C76 & ASTM C507.



GENERAL NOTES

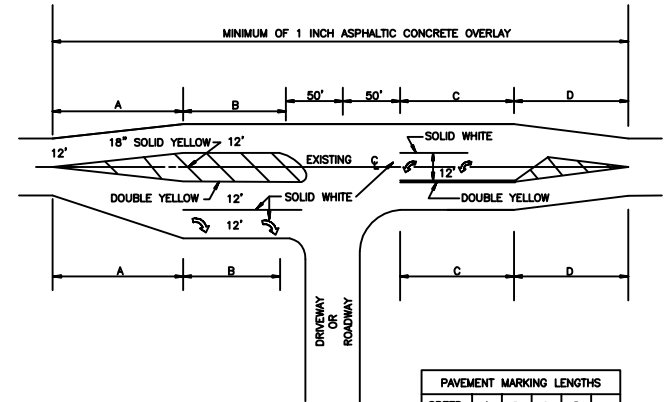
1. For traffic and pedestrian signal installation, refer to Index No. 17721 through 17890.
2. For public sidewalk curb ramps, refer to Index No. 304.
3. For pavement marking and sign installation refer to Index No. 95.35 through 17356.
4. Crosswalk minimum width: Intersection Crosswalk 6' Mid Block Crosswalk 10'

**SPECIAL EMPHASIS CROSSWALK
SIGNALIZED OR STOP SIGN
CONTROLLED INTERSECTION
N.T.S.**



Cost of filter fabric jacket to be included in cost of pipe culverts.
FOR ALL PIPE TYPES - CONCRETE PIPE SHOWN

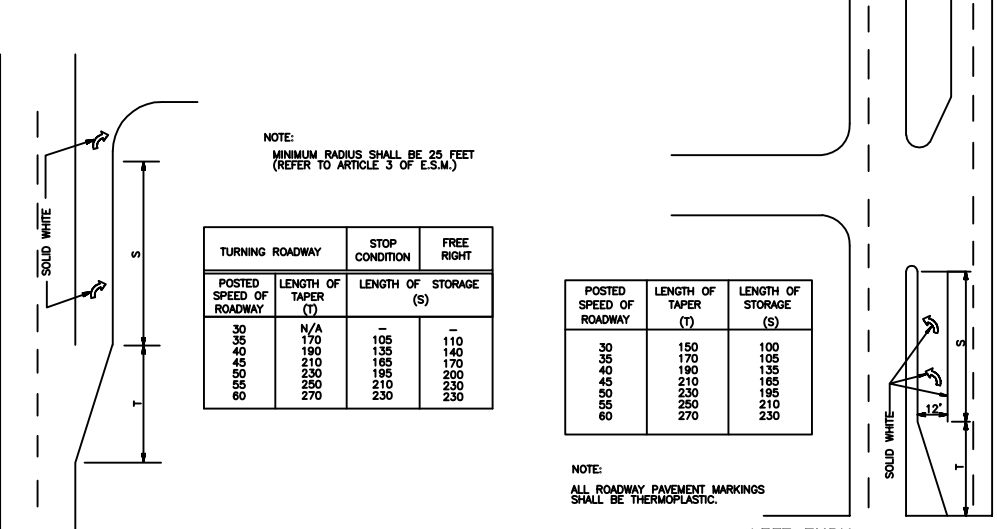
**FILTER FABRIC JACKET
N.T.S.**



PAVEMENT MARKING LENGTHS				
SPEED	A	B	C	D
40 MPH	190'	110'	135'	190'
45 MPH	210'	140'	165'	210'
50 MPH	230'	170'	195'	230'
55 MPH	250'	200'	210'	250'

- NOTES:
- 1) STRIPING ACCORDING TO F.D.O.T. STANDARD INDEX #17346B.
 - 2) LANE WIDTHS TO MATCH EXISTING LANE WIDTHS.
 - 3) MINIMUM RADIUS SHALL BE 25 FEET (REFER TO ARTICLE 3 OF E.S.M.)
 - 4) ALL ROADWAY PAVEMENT MARKING SHALL BE THERMOPLASTIC.

**TYPICAL INTERSECTION
N.T.S.**



NOTE: MINIMUM RADIUS SHALL BE 25 FEET (REFER TO ARTICLE 3 OF E.S.M.)

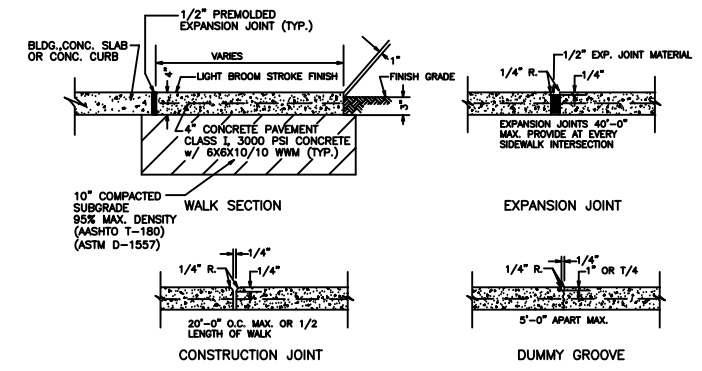
TURNING ROADWAY		STOP CONDITION	FREE RIGHT
POSTED SPEED OF ROADWAY	LENGTH OF TAPER (T)	LENGTH OF STORAGE (S)	
30	N/A	105	110
35	170	135	140
40	190	165	170
45	210	195	200
50	230	210	230
55	250	230	230

POSTED SPEED OF ROADWAY	LENGTH OF TAPER (T)	LENGTH OF STORAGE (S)
30	150	100
35	170	105
40	190	135
45	210	165
50	230	195
55	250	210
60	270	230

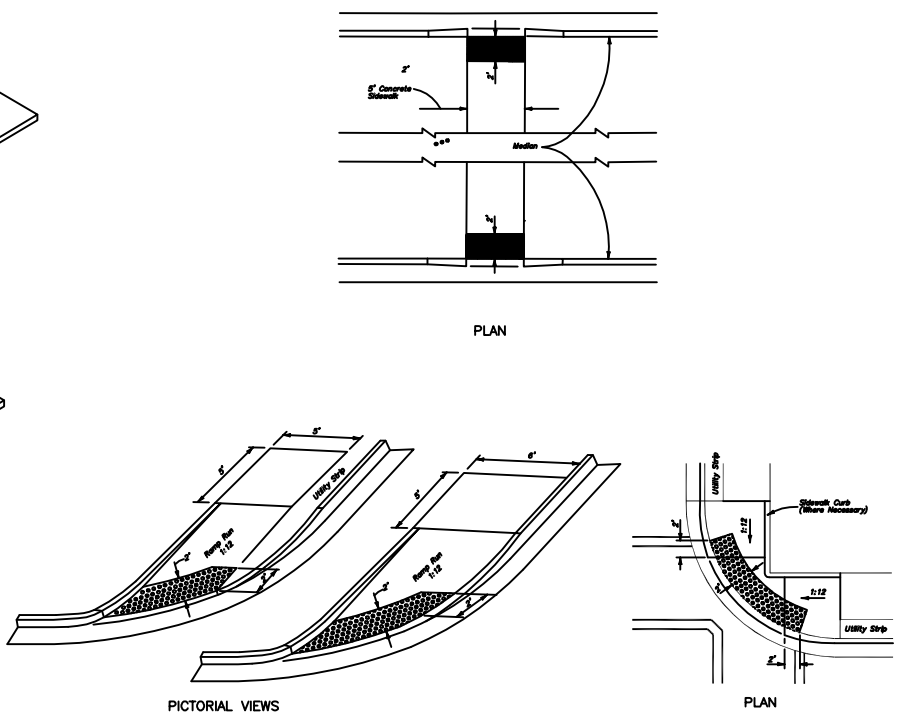
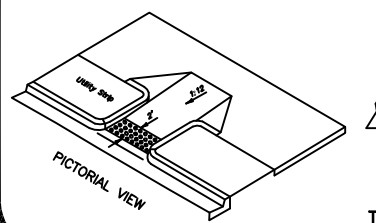
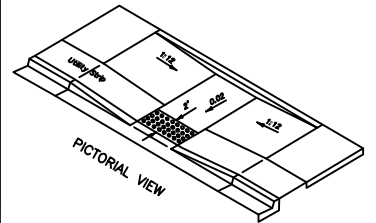
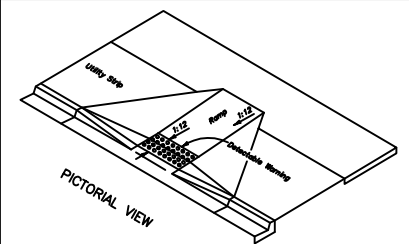
NOTE: ALL ROADWAY PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

**RIGHT TURN
DECELERATION LANE
N.T.S.**

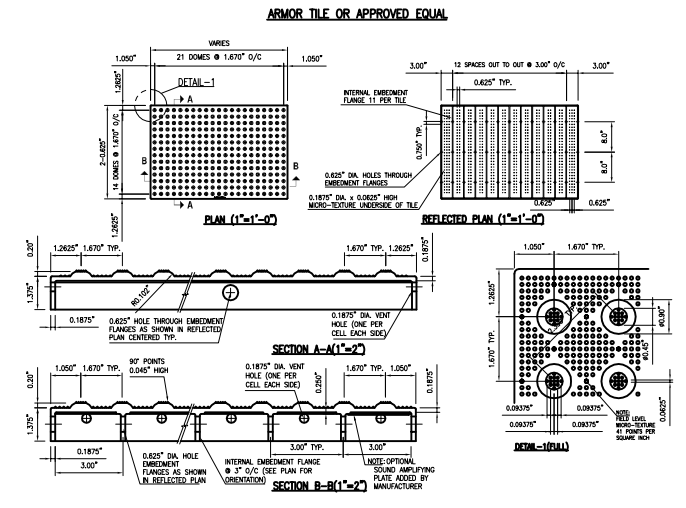
**LEFT TURN
STORAGE LANE
(DIVIDED HIGHWAY)
N.T.S.**



**SIDEWALK DETAILS
N.T.S.**



**TYPICAL PLACEMENT OF DETECTABLE WARNING ON CURB RAMP
N.T.S.**



- NOTE:
1. CURB RAMP DETECTABLE WARNING TILE SHALL BE ARMOR TILE OR EQUAL.

**CURB RAMP DETECTABLE WARNING DETAIL
N.T.S.**

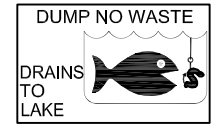
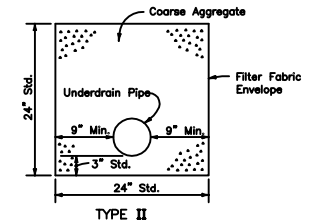


PLATE SHALL BE ADDED TO STORMWATER INLETS AS REQUIRED BY THE CITY.



- NOTE:
1. PER F.D.O.T. INDEX #286
 2. PIPE SHALL BE PERFORATED SCHEDULE 40 OR SMOOTHWALL HDPE PIPE

**TYPICAL UNDERDRAIN DETAIL
N.T.S.**

No.	ITEM	DATE

City of Winter Garden, Florida
STANDARDS AND SPECIFICATIONS
For Roadway & Drainage Construction



GENERAL NOTES
FOR
PUBLIC WORKS

DATE
JANUARY 2008

SHEET

7

7 OF 8