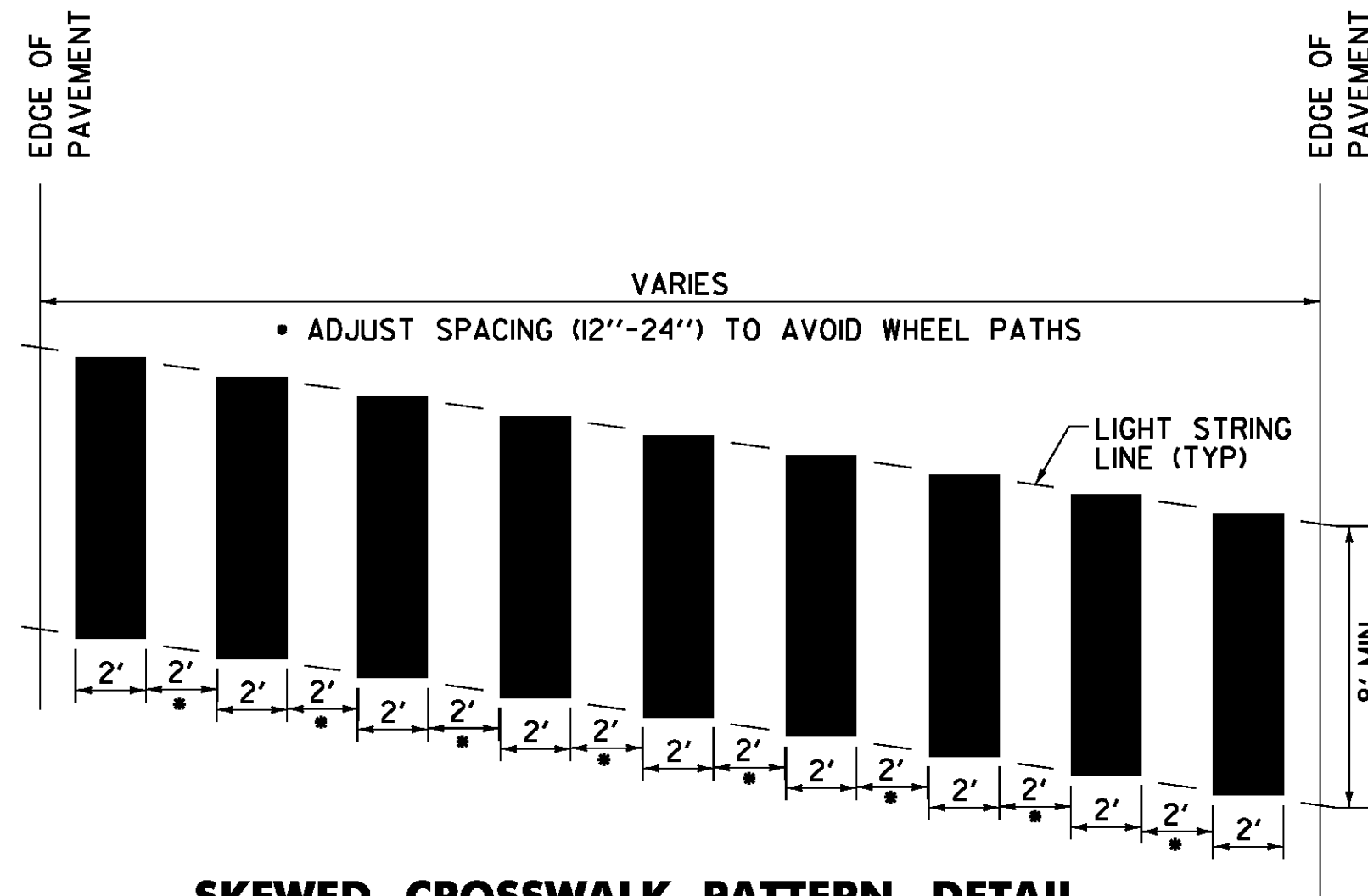
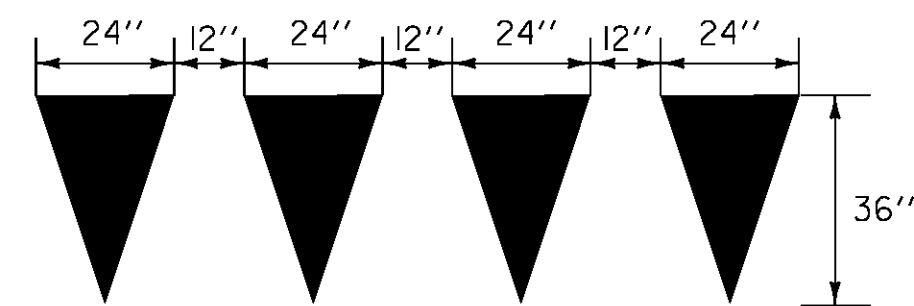


• ADJUST SPACING (12"-24") TO AVOID WHEEL PATHS
BLOCK PATTERN CROSSWALK DETAIL
 SEE LAYOUT SHEETS FOR LOCATIONS.
 ALL BLOCK PATTERN CROSS WALKS SHALL BE
 INSTALLED PARALLEL WITH WHEEL PATHS.

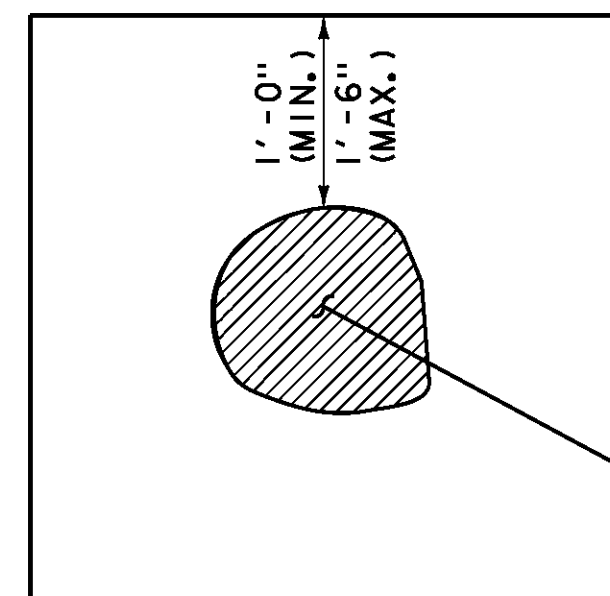


SKewed CROSSWALK PATTERN DETAIL
 • 11' LANES



YIELD LINE DETAILS

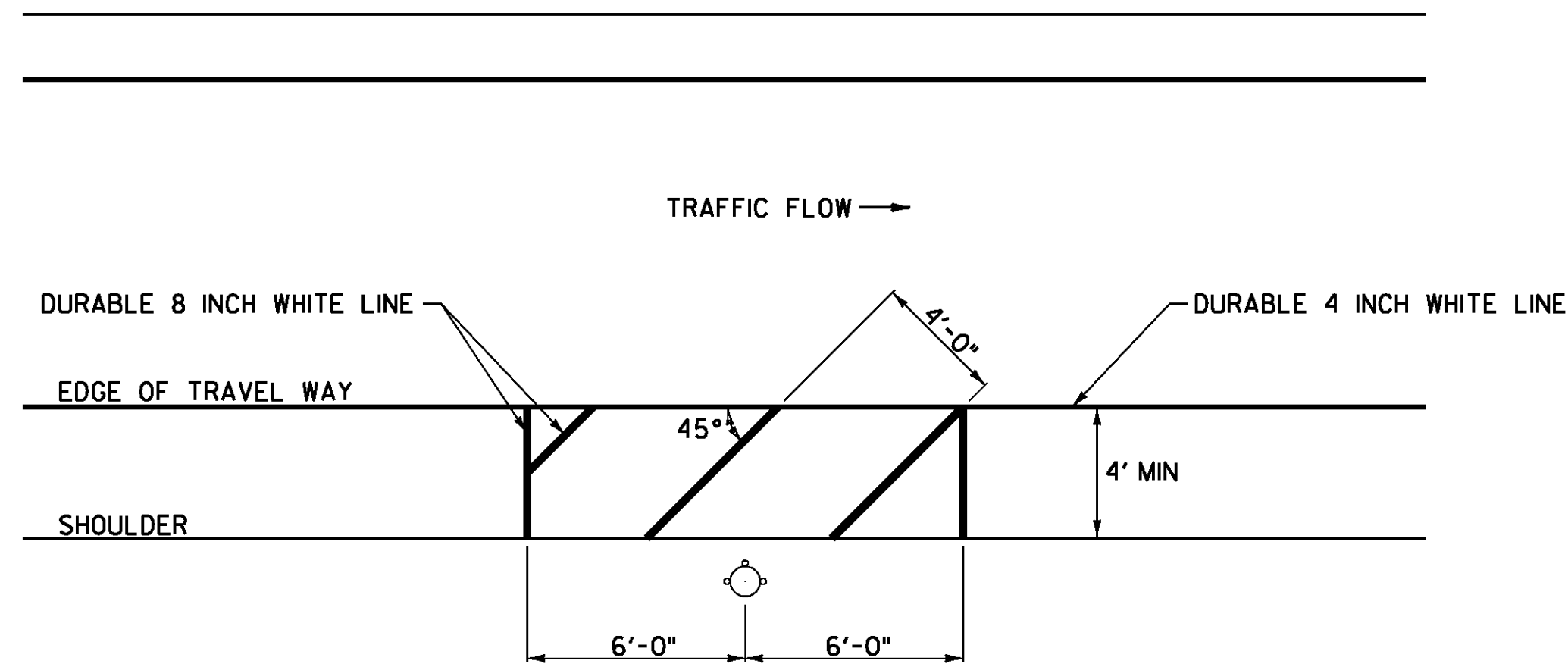
TO BE INSTALLED ONLY AT THE
 DIRECTION OF THE ENGINEER TO BE
 PAID AS ONE DURABLE LETTER OR
 SYMBOL, PER TRIANGLE



TYPICAL - POT HOLE REPAIR
 SEE NOTE 5 ON SHEET 4.

EMULSIFIED ASPHALT SHALL BE APPLIED AT ALL PATCH
 INTERFACES AT A RATE OF 0.25 - 0.5 GAL/SY. EMULSIFIED
 ASPHALT SHALL MEET THE REQUIREMENTS OF SECTION 404
 AND WILL BE CONSIDERED INCIDENTAL TO ITEM 900.680
 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE
 PREPARATION, TYPE 1).

EXISTING POT HOLE
 DEPTH 3/4" MIN.

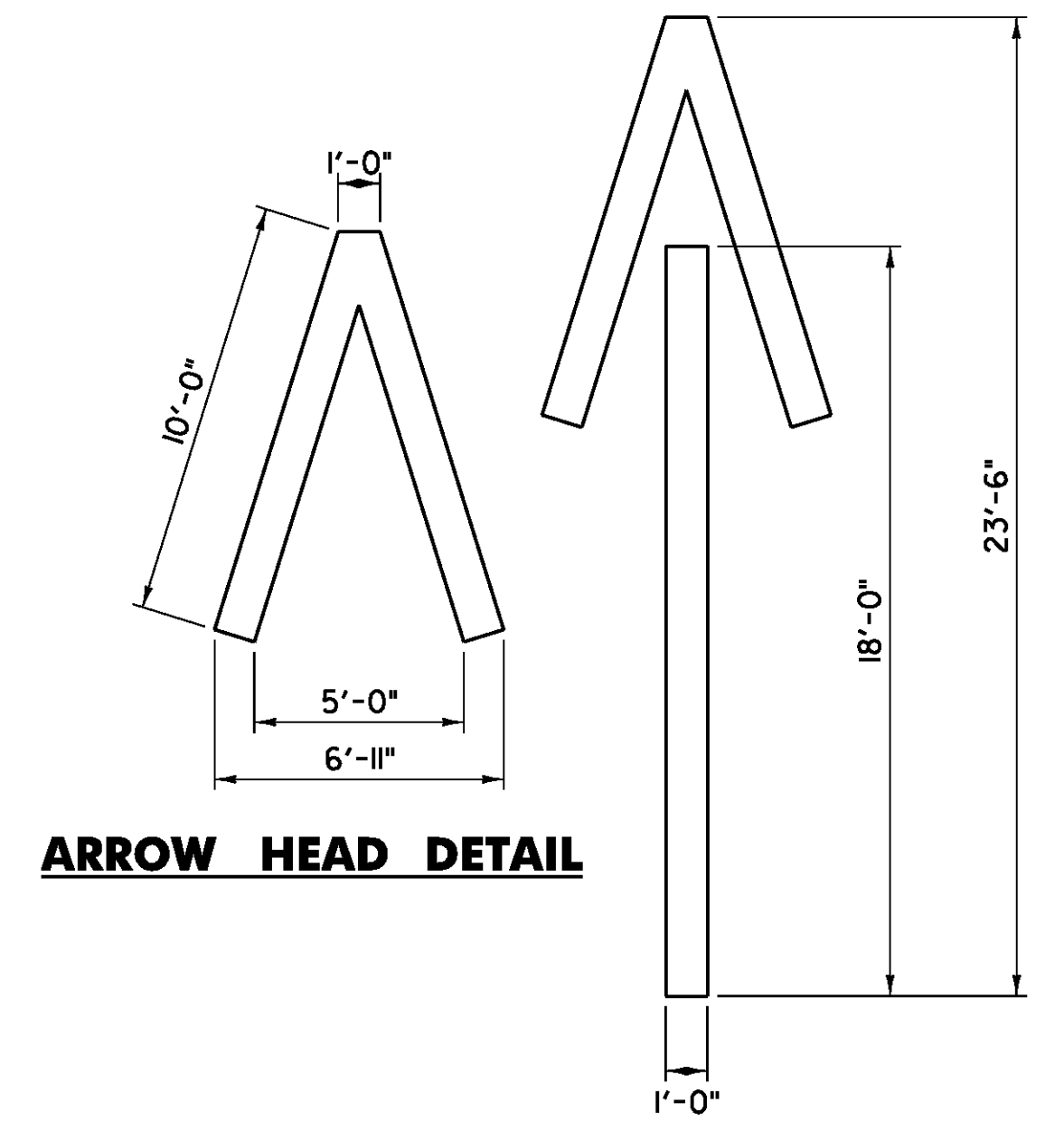


FIRE HYDRANT PAVEMENT MARKING DETAIL

ESSEX:
 STA. 2+37, LT
 STA. 6+85, RT
 STA. 34+15, LT

NOTE:

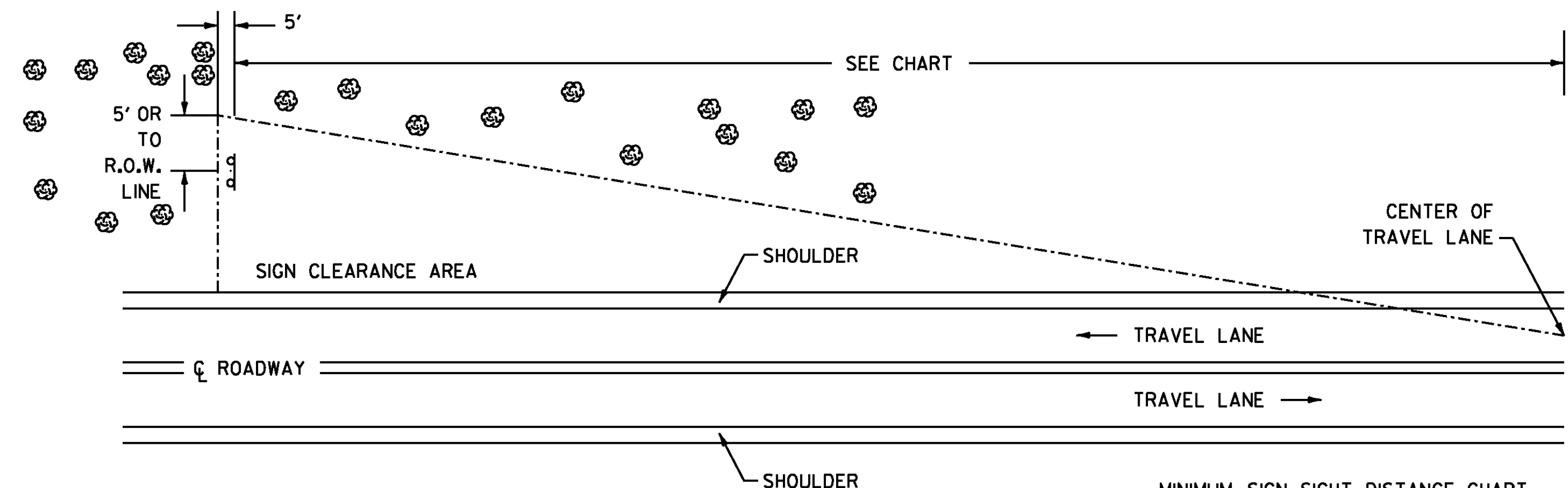
THE CONTRACTOR SHALL ADJUST THE PLACEMENT OF THE FIRE
 HYDRANT PAVEMENT MARKINGS TO MEET THE EXISTING SITE
 CONSTRAINTS AS DIRECTED BY THE ENGINEER.



ARROW HEAD DETAIL

WRONG WAY ARROW

ESSEX:
 STA. 110+75, RT



THE CONTRACTOR SHALL REMOVE ALL WOODY
 STEMMED GROWTH INCLUDING BRUSH, SAPLINGS,
 TREE LIMBS GROWING WITHIN OR PROJECTING
 INTO THE CLEARANCE AREA AND DOWN TO
 GROUND LEVEL OR AT LEAST 10 FT BELOW
 THE BOTTOM OF THE SIGN. PAYMENT WILL BE
 FOR THINNING AND TRIMMING FOR SIGNS, ITEM
 201.31, AND PAID FOR PER EACH. NO CHEMICALS
 (POISONS OR DEFOLIANTS) ALLOWED.

THINNING AND TRIMMING FOR SIGNS DETAIL

ESSEX STA. 7+88, RT
 ESSEX STA. 13+20, RT
 ESSEX STA. 65+00, LT
 ESSEX STA. 103+50, RT
 WESTFORD STA. 66+17, RT

NOTE:
 DURABLE MARKINGS DETAILED ON THIS SHEET
 ARE OPTION BID ITEMS. SEE SHEETS 8 & 9

MINIMUM SIGN SIGHT DISTANCE CHART

APPROACH SPEED (mph)	SIGHT DISTANCE (feet)
30 OR LESS	300
35	350
40	400
45	450
50	500
55	550

**MISCELLANEOUS
 DETAIL
 SHEET**



PROJECT NAME: ESSEX-WESTFORD
 PROJECT NUMBER: STP 2912(I)

FILE NAME: p10c226.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10c226md.i

PLOT DATE: 2/20/2013
 DRAWN BY: STANTEC
 CHECKED BY: STANTEC
 SHEET 18 OF 239