


**I-290 MAINTENANCE OF TRAFFIC
TYPICAL SECTION
SHOULDER STAGING OPTION**
(OUTSIDE SHOULDER STAGING SHOWN)
(INSIDE SHOULDER STAGING SIMILAR - OPPOSITE HAND)

- LEGEND**
- ① WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (YELLOW)
 - ② WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (WHITE)
 - ③ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 5 INCH (WHITE)
 -  TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

CONTRACTOR OPTION FOR STAGING ON SHOULDERS

AS AN ALTERNATIVE TO THE MAINTENANCE OF TRAFFIC SHOWN IN THE PLANS, THE CONTRACTOR HAS THE OPTION TO SHIFT TRAFFIC ONTO THE EXISTING SHOULDERS AT LOCATIONS WHERE THE SHOULDERS ARE A MINIMUM OF 10 FEET WIDE. ON THE CLOSED LANE ADJACENT TO LIVE TRAFFIC, THE CONTRACTOR SHALL MAINTAIN A 10 FOOT MINIMUM ROADWAY WIDTH WITHIN THE CLOSED LANE. THE CONTRACTOR SHALL NOT PLACE EQUIPMENT OR STORE MATERIALS WITHIN THE CLOSED LANE. ALL TRAFFIC LANES SHALL BE AT LEAST 11 FEET WIDE AND BE DELINEATED FROM THE WORK ZONE BY TYPE II BARRICADES OR DRUMS WITH STEADY BURNING MONODIRECTIONAL LIGHTS PLACED AT 100 FEET CENTER-CENTER.

ALL PATCHING, DRAINAGE STRUCTURE FRAME AND GRATE REPAIRS AND/OR ADJUSTMENTS, OR TEMPORARY PAVEMENT, REQUIRED ALONG THE SHOULDERS AND GOES IN PREPARATION TO SHIFT TRAFFIC WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS. ALL ADDITIONAL TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, SIGNING (TEMPORARY AND EXISTING OVERHEAD) AND INCIDENTAL COSTS ASSOCIATED WITH IMPLEMENTING THE SHOULDER STAGING OPTION SHALL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT PLANS OF THE SHOULDER STAGING OPTION TO THE ENGINEER FOR APPROVAL AT LEAST 2 WEEKS PRIOR TO SHIFTING TRAFFIC INTO THE STAGED CONFIGURATION. THE PLANS SHALL INCLUDE LANE CONFIGURATIONS, WORK ZONES, TRAFFIC CONTROL DEVICES, SIGNING (TEMPORARY AND EXISTING OVERHEAD) AND TEMPORARY PAVEMENT MARKINGS.

ALL DRAINAGE STRUCTURES LOCATED IN THE MEDIAN SHOULDERS BETWEEN THE I-290/I-355 INTERCHANGE AND U.S. ROUTE 20 (LAKE STREET) THAT WOULD BE LOCATED UNDER SHIFTED TRAFFIC SHALL EITHER 1) HAVE THEIR GRATES WELDED TO THE FRAMES USING THREE 4" LONG WELDS EQUALLY SPACED ALONG EACH OF THE LONG SIDES OF THE FRAME ACCORDING TO SECTION 505 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER AND GRIND OUT WELDS SMOOTH AFTER TRAFFIC IS REMOVED FROM THE SHOULDERS OR 2) HAVE THEIR GRATES REMOVED, THE SEWER PIPES BRICKED CLOSED, THE DRAINAGE STRUCTURES FILLED WITH CA-6 AND COMPACTED AND CAPPED WITH 4" OF HMA SURFACE COURSE, MIX "D", N70 WITHIN THE FRAME OPENING AS DIRECTED BY THE ENGINEER. THESE MATERIALS SHALL BE REMOVED, THE DRAINAGE STRUCTURES AND SEWER PIPES CLEANED AND THE GRATES RE-INSTALLED AFTER TRAFFIC IS REMOVED FROM THE SHOULDERS. EITHER OF THESE DRAINAGE STRUCTURE OPTIONS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

POSSIBLE 10' MINIMUM SHOULDER LOCATIONS (TO BE VERIFIED IN FIELD)

LOCATIONS:		EASTBOUND		WESTBOUND		NORTHBOUND		SOUTHBOUND	
		INSIDE SHOULDER	OUTSIDE SHOULDER	INSIDE SHOULDER	OUTSIDE SHOULDER	INSIDE SHOULDER	OUTSIDE SHOULDER	INSIDE SHOULDER	OUTSIDE SHOULDER
I-355	24+50 to 35+38					x	x	x	x
I-355	35+38 to 40+08							x	x
I-355	40+08 to 156+40					x	x	x	x
I-355/I-290	0+00 to 69+55 (SB end)					x	x	x	x
I-355/I-290	0+00 to 76+10 (NB end)					x	x	x	x
I-290	0+00 to 267+00	x	x	x	x				

△ ADDED SHEET 1/7/2010, ABC

FILE NAME =	DESIGNED - AJP	REVISED - 1/7/10	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTION - SHOULDER STAGING OPTION	F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	DRAWN - TMB	REVISED -				* 224, 1-1, 2&3RS-7	DUPAGE	546	106A	
USER NAME = #USER#	CHECKED - JJT	REVISED -				*290,355	CONTRACT NO. 60C51			
PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
SCALE: N.T.S.						SHEET NO. 1 OF 1 SHEETS		STA.		TO STA.