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- BLR 22-6 TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

GENERAL NOTES

1) FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT 2.016 TONS/CU.YD.
 ALL AGGREGATE 2.05 TONS/CU.YD.
 BITUMINOUS MATERIALS:
 ON PAVEMENT 0.09 GAL./SQ.YD.
 INTERMEDIATE LIFTS (FOG COAT) 0.04 GAL./SQ.YD.
 ON AGGREGATE SURFACE 0.32 GAL./SQ.YD.
 AGGREGATE (PRIME COAT) 0.0015 TONS/SQ.YD.
 RIPRAP 1.50 TONS/CU.YD.

2) EARTH EXCAVATION INCLUDES THE REMOVAL OF THE EXISTING AGGREGATE SHOULDERS. THE CONTRACTOR MAY INCORPORATE THESE MATERIALS INTO THE PROPOSED EMBANKMENT.

3) TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.

4) THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR STAGE 3 AND STAGE 5.

5) PROTECTIVE COAT SHALL BE APPLIED TO THE MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

6) PROTECTIVE COAT SHALL BE APPLIED TO THE NEW BRIDGE DECK AND APPROACH PAVEMENTS IN ACCORDANCE WITH ARTICLE 503.19 OF THE STATE STANDARD SPECIFICATIONS. THE SEASONAL EXCEPTION SHALL NOT APPLY. THE PROTECTIVE COAT SHALL BE APPLIED REGARDLESS OF THE CURING METHOD USED. THE RATE OF APPLICATION FOR EACH COAT ON CUT GROOVED AREAS SHALL BE 25 SQUARE YARDS PER GALLON OF MIXTURE.

7) WHEN WIDENING FLEXIBLE BASE PAVEMENT, THE CONTRACTOR SHALL TRIM EXISTING SURFACE AND BASE TO A FIRM, NEAR VERTICAL PLANE BEFORE CONSTRUCTING THE WIDENING. THE COST OF THIS REQUIREMENT IS INCLUDED IN THE UNIT PRICE BID FOR THE BASE COURSE WIDENING.

8) AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

9) THE LIMITS OF ROCK AND EARTH SLOPES SHOWN IN THE CROSS SECTIONS ARE APPROXIMATE. THE ACTUAL SLOPE USED SHALL BE DETERMINED BY THE MATERIAL CLASSIFICATION AS DEFINED IN ARTICLE 202.04, AND AS DIRECTED BY THE ENGINEER.

10) THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT MIX ASPHALT SURFACE AT 300 FT. INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

11) EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

HOT MIX ASPHALT MIXTURE REQUIREMENTS

LOCATION(S):	MAINLINE & WIDENING	MAINLINE, WIDENING, INCIDENTAL SURFACING & SHOULDERS	WIDENING & SHOULDERS	SHOULDERS
MIXTURE USE(S):	HMA SURFACE COURSE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105 SBS PG 76-22	HMA BINDER COURSE (TOP LIFT) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0 SBS PG 76-22	HMA BINDER COURSE (LOWER LIFTS) HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0 PG64-22	HMA SURFACE COURSE (TOP LIFT) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 PG 64-22
AC/PG:	0	0	10	10
RAP % (MAX):	4.0%, 105 GYRATION DESIGN	4.0%, 105 GYRATION DESIGN	4.0%, 90 GYRATION DESIGN	4.0%, 70 GYRATION DESIGN
DESIGN AIR VOIDS:	IL-9.5 mm OR IL-12.5 mm	IL-19.0 mm	IL-19.0 mm	IL-9.5 mm OR IL-12.5 mm
MIX COMPOSITION:				
(GRADATION MIXTURE)				
FRICTION AGGREGATE:	E SURFACE	NONE	NONE	C SURFACE

COMMITMENTS

1) THE CITY OF WEST FRANKFORT AND THE RESIDENT ENGINEER SHALL BE NOTIFIED TWO DAYS IN ADVANCE OF CLOSURE OF 7TH STREET.

12) IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 107.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.

13) RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B.

14) ANY MIXING OR PLACEMENT OF BITUMINOUS MIXTURES OCCURRING PRIOR TO THE TEST STRIP EVALUATION IS AT THE CONTRACTOR'S OWN RISK.

15) CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

16) STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE.

17) SLIPFORMING SHALL NOT BE ALLOWED ON THE BRIDGE PARAPET OR THE ROADWAY MEDIAN BARRIER.

18) STRUCTURES WITHIN PROJECT LIMITS

STRUCTURE NO.	OPERATING RATING	INVENTORY RATING	POSTING
028-0004	34.6	20.7	NO POSTING REQUIRED
028-0005	34.6	20.7	NO POSTING REQUIRED

19) PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION OR A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR, HOWEVER, WILL BE PAID FOR THE ACTUAL QUANTITY FURNISHED AT THE UNIT PRICE BID FOR THE WORK. CONSTRUCTION PLANS ARE AVAILABLE FOR REVIEW AT THE DISTRICT 9 HEADQUARTERS IN CARBONDALE, ILLINOIS.

FILE NAME =	USER NAME = ma1s1gr0ser	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, AND COMMITMENTS I-57 OVER 7TH ST / C&E RAILROAD	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
H:\P\260866p2\Technical\Production\Civil\	Microstation\Sec285VB\indexgen285vb.dgn	DRAWN -	REVISED -			57	(28-5)VB-1	FRANKLIN	81	3	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 78157					
PLOT DATE = 3/15/2010	DATE -	REVISED -	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	