TO STA. FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

7978 (OLD US 36) & 7968 (CAMP BUTLER RD)
3R(BR, BR-1, BR-2), 19RS-8

INDEX OF SHEETS

COVER SHEET

- INDEX OF SHEETS 3 - 7 SUMMARY OF QUANTITIES (5)
- TYPICAL SECTIONS (26) 8 - 33
- SCHEDULE OF QUANTITIES (13) 34 - 46 47 - 54 ROAD CLOSURE DETAILS (8)
- 55 56 STAGE CONSTRUCTION DETAILS (2)
- 57 89 PLAN VIEW (33)
- 90 98 PLAN AND PROFILE SHEETS (9)
- 99 111 STORM, WATER, & POLLUTION PREVENTION PLAN (13)
- 112 114 INTERSECTION DETAILS (3)
- 115 125 PAVEMENT MARKING DETAILS (11)
- 126 150 SANGAMON RIVER BRIDGE STRUCTURAL SHEETS (25)
- 151 170 7TH ST. BRIDGE STRUCTURAL SHEETS (20)
- 171 203 CAMP BUTLER BRIDGE STRUCTURAL SHEETS (33)
- 204 205 BRIDGE REPAIR DETAILS (2) 206 CULVERT EXTENSION DETAIL (1) MISCELLANEOUS DETAIL (1)
- 208 TEMPORARY BRIDGE TRAFFIC SIGNAL LOOP PLACEMENT (1)
- 209 254 CROSS SECTIONS (46)

TYPICAL PAVEMENT MARKING

000001-04

780001-01

781000-02

B.L.R. 21-6

255 - 261 ENTRANCE AND SIDEROAD DETAILS (7)

STANDARDS

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

001001	AREAS OF REINFORCEMENT REBARS
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
420401-05	BRIDGE APPROACH PAVEMENT
442201-01	CLASS C & D PATCHES
515001-02	NAME PLATES FOR BRIDGES
542401	METAL END SECTIONS FOR PIPE CULVERTS
602406-01	MANHOLE, TYPE A, 1800 MM (72") DIAMETER
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606101-01	TYPE A GUTTER (INLET, OUTLET, & ENTRANCE)
606111-01	OUTLETS TYPE 2 FOR TYPE A GUTTER
609006-02	BRIDGE APPROCH PAVEMENT (DRAIN DETAIL)
630001-05	STEEL PLATE BEAM GUARDRAIL
630301-03	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-02	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-05	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
701001-01	OFF ROAD OPERATION 2L, 2W, MORE THAN 4.5M (15') AWAY
701006-02	OFF ROAD OPERATIONS 2L, 2W, 4.5M (15') TO 600MM (24") FROM PAVEMENT EDGE (GUARDRAIL. CULV. EXT.)
701011-01	OFF ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY (SHOULDER WORK)
701101-01	OFF ROAD MOVING OPERATIONS, MULTILANE, 4.5M (15') TO 600MM (24") FROM PAVEMENT EDGE (SHOULDER WORK)
701201-02	LANE CLOSURE 2L, 2W, DAY ONLY, FOR SPEEDS > 45MPH (PATCHING)
701301-02	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS (MARKING PATCHES & CLEANUP)
701306-01	LANE CLOSURE 2L. 2W. SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45MPH (BIT SURF. MILLING. & SHLDR
701311-02	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY (PAVEMENT MARKING)
701321-08	LANE CLOSURE 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-02	LANE CLOSURE 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH (WIDENING)
702001-05	TRAFFIC CONTROL DEVICES

TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS

TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

1)	WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND
	CAREFULLY PRESERVE ALL PROPERTY MARKS, MONUMENTS, AND PERMANENT SURVEY MARKERS
	UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSES OR OTHERWISE
	REFERENCED THEIR LOCATION.

GENERAL NOTES

- 2 THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEM SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.
- (3) THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATION OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- 4 ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION. AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THE PLANS.
- (5) THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE:

LOCATION(S):	OLD US 36/CAMP BUTLER	OLD US 36/CAMP BUTLER	OLD US 36/CAMP BUTLER
MIXTURE USE(S):	BIT CONC SURF CSE	LEV BIND	BIT CONC BIND CSE
AC/PG:	• PG 64-22	• PG 64-22	• PG 64-22
R.A.P. %: (MAX.)	10 %	15 %	15 %
DESIGN AIR VOIDS	4.0 @ N design = 70	4.0 e N design = 70	4.0 @ N design = 70
MIXTURE COMPOSITION (Gradation Mixture)	IL 9.5 OR 12.5	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX "D"	N/A	N/A

LOCATION(S):	Side Rds. & Entr.	OLD US 36/CAMP BUTLER	OLD US 36/CAMP BUTLER
MIXTURE USE(S):	INCIDENTAL BIT SURF	BIT SHOULDERS SUPER	BIT SHOULDERS SUPER 8
AC/PG:	• PG 64-22	• PG 58-22	• PG 58-22
R.A.P. %: (MAX.)	15 %	15 %	15 %
DESIGN AIR VOIDS	4.0 @ N design = 50	2.0 @ N design = 30	2.0 @ N design = 30
MIXTURE COMPOSITION	IL 9.5 OR 12.5	BAM MIX	BAM MIX
(Gradation Mixture)	IL 9.5 OR 12.5		
FRICTION AGGREGATE	MIX "C"	N/A	N/A

- 6 ALL THE BRIDGE WORK SHALL BE STARTED AND COMPLETED AT THE SAME TIME UNDER THE ROAD CLOSURE
- (7) REFER TO THE GENERAL NOTES ON STANDARD B.L.R. 21-6 RELATING TO TRAFFIC CONTROL DEVICES.
- (8) ALL TRAFFIC CONTROL NECESSARY TO IMPLEMENT ROAD CLOSURE THROUGHOUT THE PROJECT WILL BE PAID FOR AT CONTRACT LUMP PRICE FOR TRAFFIC CONTROL COMPLETE. THIS WILL INCLUDE ALL ADVANCE WARNING SIGNS, INFORMATION SIGNS, BARRICADES, AND LIGHTS.
- (9) THE APPROXIMATE AVERAGE THICKNESS OF 2" IS USED FOR CALCULATING QUANTITIES FOR AGGREGATE SHOULDERS, TYPE B.
- (D) PAYMENT OF "MAX WIDTH" SIGNS SHOWN ON SHEET *57 & 63 SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION. STANDARD 701321 (SPECIAL).

RATES OF APPLICATION TABLES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

0.00038 TON / SO YD (ON PAVEMENT) BITUMINOUS MATERIALS (PRIME COAT): 0.001425 TON / SQ YD (ON AGGREGATE)

AGGREGATE MATERIALS (PRIME COAT): 0.002 TON / SO YD BITUMINOUS SURFACE MIX C / BINDER (112 LBS): 0.056 TON / SO YD · in 0.056 TON / SO YD • In BITUMINOUS SURFACE MIX D (112 LBS): AGGREGATE MATERIALS: 2.05 TON / CU YD

NITROGEN FERTILIZER NUTRIENT: PHOSPHOROUS FERTILIZER NUTRIENT: 90 LBS / ACRE POTASSIUM FERTILIZER NUTRIENT: 90 LBS / ACRE AGRICULTURE GROUND LIMESTONE: 2 TONS / ACRE 2 TONS / ACRE

COMMITMENTS

(NONE)

Oct. 28 EXAMINED NOVEMBER 4 2005

DISTRICT SIX

ILLINOIS DEPARTMENT OF TRANSPORTATION INDEX OF SHEETS F.A.U. Route 7978 (Old US 36) & F.A.U. Route 7968 (CAMP BUTLER RD.) Section 3R(BR, BR-1, BR-2), 19RS-8 SANGAMON COUNTY VERT. DRAWN BY: JWC SCALE: HORIZ. DATE: JUNE 30, 2005 CHECKED BY: RSC

MILLING. & SHLDR OPS