

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	261	2
STA.		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

GENERAL NOTES

- 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.
- 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.
- 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.
- 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.
- 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 @ N design = 70	4.0 @ N design = 70
MIXTURE COMPOSITION (Gradation Mixture)	IL 9.5 OR 12.5	IL 9.5	IL 19.0
FRICITION 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 B
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 (Gradation Mixture)	IL 9.5 OR 12.5	BAM MIX	BAM MIX
FRICITION AGGREGATE	MIX "C"	N/A	N/A

- ALL THE BRIDGE WORK SHALL BE STARTED AND COMPLETED AT THE SAME TIME UNDER THE ROAD CLOSURE TRAFFIC CONTROL.
- REFER TO THE GENERAL NOTES ON STANDARD B.L.R. 21-6 RELATING TO TRAFFIC CONTROL DEVICES.
- 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.
- THE APPROXIMATE AVERAGE THICKNESS OF 2" IS USED FOR CALCULATING QUANTITIES FOR AGGREGATE SHOULDERS, TYPE B.
- 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.

BITUMINOUS MATERIALS (PRIME COAT): 0.00038 TON / SO YD (ON PAVEMENT)
 BITUMINOUS MATERIALS (PRIME COAT): 0.001425 TON / SO 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
 BITUMINOUS SURFACE MIX D (112 LBS): 0.056 TON / SO YD • in
 AGGREGATE MATERIALS: 2.05 TON / CU YD
 NITROGEN FERTILIZER NUTRIENT: 90 LBS / ACRE
 PHOSPHOROUS FERTILIZER NUTRIENT: 90 LBS / ACRE
 POTASSIUM FERTILIZER NUTRIENT: 90 LBS / ACRE
 AGRICULTURE GROUND LIMESTONE: 2 TONS / ACRE
 MULCH: 2 TONS / ACRE

COMMITMENTS

(NONE)

INDEX OF SHEETS

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261A. SOIL BORINGS

STANDARDS

- | | |
|-------------|---|
| 000001-04 | 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 APPROACH 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 OPS) |
| 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 |
| 780001-01 | TYPICAL PAVEMENT MARKING |
| 781000-02 | TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS |
| B.L.R. 21-6 | TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS |

DISTRICT SIX		
EXAMINED	November 7	20 05
OPERATIONS ENGINEER		

EXAMINED	Oct 28	20 05
PROGRAM IMPLEMENTATION ENGINEER		
EXAMINED	November 4	20 05
PROGRAM DEVELOPMENT ENGINEER		

REVISIONS	
NAME	DATE

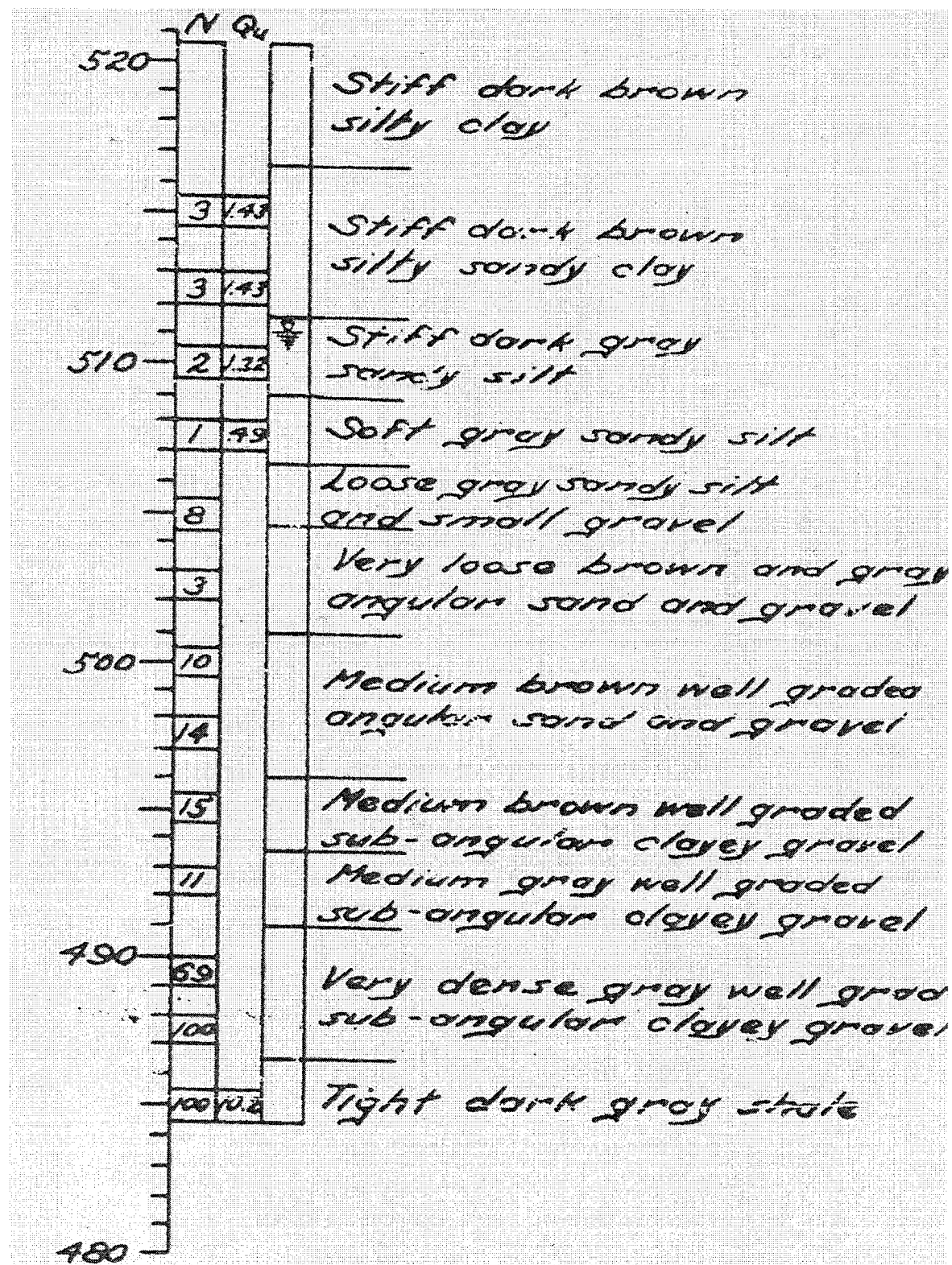
ILLINOIS DEPARTMENT OF TRANSPORTATION
INDEX OF SHEETS
 F.A.U. Route 7978 (Old US 36) &
 F.A.U. Route 7968 (CAMP BUTLER RD.)
 Section 3R(BR, BR-1, BR-2), 19RS-8
 SANGAMON COUNTY
 VERT. SCALE: DRAWN BY: JWC
 HORIZ. DATE: JUNE 30, 2005 CHECKED BY: RSC

Rev. 1-9-06

F.A.U. 7978 (OLD US 36),
F.A.U. 7968 (CAMP BUTLER RD.)
** 3R1BR, BR-1, BR-2, 19RS-8

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
..	..	SANGAMON	26 / 26A
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

FOR INFORMATION ONLY



On E
Sta. 72+07

SOIL BORINGS TAKEN FROM PLANS FOR ORIGINAL CONSTRUCTION OF SANGAMON RIVER BRIDGE (S.N. 084-0052) COMPLETED IN 1954.

PLOT DATE = 1/4/2006
FILE NAME = P:\Projects\AD82102 - FAU 7978 Old US36 & 7968 Camp Butler Rd\DESIGN\shsoilboring.dgn
PLOT SCALE = 82.5x12 / IN.
USER NAME = calsaras

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION <u>MISCELLANEOUS</u> F.A.U. Route 7978 (OLD US 36) F.A.U. Route 7968 (Camp Butler Rd.) Section 3R1BR, BR-1, BR-2, 19RS-8 SANGAMON COUNTY
NAME	DATE	

SCALE: VERT. _____
HORIZ. _____
DATE: JANUARY 5, 2006

DRAWN BY: JWC
CHECKED BY: SAM

△ Rev. 1-9-06