

LIST OF STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-06 TEMPORARY EROSION CONTROL SYSTEMS
- 420401-08 BRIDGE APPROACH PAVEMENT
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 515001-03 NAME PLATE FOR BRIDGES
- 542401-01 METAL END SECTION FOR PIPE CULVERTS
- 601101-01 CONCRETE HEADWALL FOR PIPE DRAIN
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 631031-10 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 664001-02 CHAIN LINK FENCE
- 667101-02 PERMANENT SURVEY MARKERS
- 701901-02 TRAFFIC CONTROL DEVICES
- 780001-03 TYPICAL PAVEMENT MARKINGS
- BLR21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- BLR22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

PROJECT SPECIFIC GENERAL NOTES

1. ALL UTILITIES, SCHOOL DISTRICTS, MAIL SERVICE, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
2. NO WORK SHALL COMMENCE UNTIL THE PROPOSED TRAFFIC CONTROL AND DETOUR PLAN IS IN PLACE AND HAS BEEN APPROVED BY THE ENGINEER.
3. TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.
4. UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATIONS OF ALL UNDERGROUND UTILITY FACILITIES. THE CONTRACTOR SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATION.
6. UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED.
7. MAILBOXES SHALL REMAIN IN SERVICE AT ALL TIMES AND SHALL BE RELOCATED AS NECESSARY DURING CONSTRUCTION. FINAL LOCATIONS OF MAILBOXES SHALL BE DETERMINED BY THE ENGINEER, BUT SHOULD BE AS NEAR AS PRACTICAL TO THEIR ORIGINAL LOCATION, AND PLACED BEHIND THE PROPOSED HMA SHOULDERS. THIS WORK SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
8. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN ON THIS SHEET.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT.
10. THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION.
11. BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.
12. ALL ENTRANCE CULVERT LENGTHS SHOWN IN THE PLANS WERE CALCULATED WITH THE ASSUMPTION THAT METAL PIPES AND METAL END SECTIONS WOULD BE USED.
13. THE CONTRACTOR SHALL DEVELOP A PLAN TO ACCOMPLISH THIS WORK AND MINIMIZE DISRUPTION OF ACCESS TO THE VARIOUS PROPERTY OWNERS WITHIN THE PROJECT LIMITS. THIS PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO START OF WORK. THE PAY ITEM AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THE CONTRACT, SEE SPECIAL PROVISIONS.

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

NITROGEN	90 LBS./ACRE
PHOSPHORUS	90 LBS./ACRE
POTASSIUM	90 LBS./ACRE
TEMP. EROSION CONTROL SEEDING	100 LBS./ACRE
AGGREGATE	2.02 TON/CU. YD.
STONE DUMPED RIPRAP	1.50 TON/CU. YD.
PORTLAND CEMENT	85 LBS./SQ. YD.
BIT. MATERIALS (PRIME COAT)	0.10 GAL./SQ. YD. (ON MOD. SOIL)
BIT. MATERIALS (PRIME COAT)	0.03 GAL./SQ. YD. (ON BIND. CSE.)
HMA BINDER COURSE	112 LBS./SQ. YD./INCH THICKNESS
HMA SURFACE COURSE	112 LBS./SQ. YD./INCH THICKNESS
ROCKFILL	1.89 TON/CU. YD.
PERENNIAL PLANTS, DAYLILIES (SPL)	100 PLANTS/UNIT

15. THE EXISTING PAVEMENT SHALL BE BROKEN AT LOCATIONS INDICATED ON THE PLAN AND PROFILE SHEET IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS. PAVEMENT BREAKING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF FURNISHED EXCAVATION. THE DESIGNER HAS MADE NO PROVISIONS IN THE QUANTITY OF FURNISHED EXCAVATION FOR THE REPLACEMENT OF THE PAVEMENT THAT HAS BEEN INDICATED TO BE BROKEN AND TO REMAIN. IN THE AREAS MARKED FOR PAVEMENT REMOVAL THE DESIGNER HAS ASSUMED AN EXISTING PAVEMENT DEPTH OF 10" FOR FURNISHED EXCAVATION.
16. SEE SPECIAL PROVISIONS FOR 'PERENNIAL PLANTS, DAYLILIES' AND 'EROSION CONTROL BLANKET', ALONG WITH SEQUENCE 11 OF THE STORM WATER POLLUTION PREVENTION PLAN FOR SLOPE STABILIZATION PROCEDURES.
17. THE CONTRACTOR SHALL MAINTAIN SANITARY SEWER SERVICE AND WASTE WATER FLOW THROUGHOUT CONSTRUCTION AND AT ALL TIMES.
18. WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. ALL SAWED JOINTS FOR REMOVAL AND BUTT JOINTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED OR CONSTRUCTED.
19. COST OF EXISTING CONCRETE CURB REMOVAL ALONG WEST SIDE OF DRIVEWAY STA. 91+80.13, RT. SHALL BE CONSIDERED INCLUDED IN THE COST OF DRIVEWAY PAVEMENT REMOVAL.

BITUMINOUS MIXTURE REQUIREMENTS

LOCATION	CH 7	CH 7
MIX USE	BINDER	SURFACE
AC/PG	PG 64-22	PG 64-22
RAP %	***	***
DESIGN VOIDS	4.0 @ N=70	4.0 @ N=70
MIXTURE COMPOSITION (GRAD. MIXTURE)	IL-19.0	IL-9.5
FRICTION	N/A	MIX C

*** TO BE DETERMINED BY CONTRACTOR (SEE SPECIAL PROVISION)

EARTHWORK SUMMARY

EARTH EXCAVATION = 1971 CU. YD.
CHANNEL EXCAVATION = 2495 CU. YD.
FURNISHED EXCAVATION = 7075 CU. YD.

FOR INFORMATION ONLY, NOT A PAY ITEM

MATERIAL REQUIRED FOR EMBANKMENT (FILL AREAS) = 8253 CU. YD.
MATERIAL REQUIRED FOR EMBANKMENT (PAVEMENT REMOVAL AREAS) = 300 CU. YD.
SUITABLE MATERIAL FOR EMBANKMENT = 1971 CU. YD.
UNSUITABLE MATERIAL (CHANNEL EXCAVATION FOR ROCKFILL) = 2495 CU. YD.
FURNISHED EXCAVATION = (8253 + 300) - 1971(0.75 SHRINKAGE) = 7075 CU. YD.



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FILE NAME =	USER NAME = Brian K. Nicholson	DESIGNED - MJP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.U. RTE. 7398	SECTION 09-00905-00-BR	COUNTY MACON	TOTAL SHEETS 63	SHEET NO. 2	
	PLOT SCALE =	CHECKED - KWB	REVISED -			CONTRACT NO. 95687					
	PLOT DATE =	DRAWN - BKN	REVISED -			SHEET NO. 1 OF 1 SHEETS					
		CHECKED - KWB	REVISED -			ILLINOIS FED. AID PROJECT					