

PLAN	SURVEYED ALIGNED CHECKED FILE NAME	BY	DATE

PROFILE	SURVEYED GRADES CHECKED E.M. NOTED STRUCTURE NOTATIONS CHRU	BY	DATE

GENERAL NOTES

1. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE COUNTY AND THE INDICATED ADJUSTMENTS OR RECONSTRUCTION ARE CONSIDERED TO BE REASONABLY ACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE COUNTY, ITS OFFICERS, AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLE 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 (TEN) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.
3. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.
4. WHENEVER IT IS NECESSARY TO REMOVE BITUMINOUS AGGREGATE MIXTURE, OIL AND CHIP SURFACE, EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, IT SHALL BE REMOVED AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.
5. WHEN DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTER OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT PAVING.
6. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS IMPROVEMENT.
7. THE NOMINAL THICKNESS FOR THE SURFACE COURSE IS SHOWN ON THE TYPICAL SECTION OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PER CENT OF THE NOMINAL THICKNESS AT ANY LOCATION.
8. WHERE SECTION OR SUBSECTION STONES OR MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH STONES ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
9. ALL PROPOSED PAVEMENT WIDTHS ARE MEASURED EDGE TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN ON THE PLANS. INTERSECTION RETURN RADII ARE MEASURED TO THE EDGE OF PAVEMENT.
10. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AS SHOWN ON THE TABULATION OF REQUIRED STANDARDS SHOWN IN THE PLANS.
11. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	HMA SURF CSE	INCIDENTAL HMA SURF	HMA BINDER CSE	LEVELING BINDER	HMA SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS	4% @ N50	4% @ N50	4% @ N50	4% @ N50	2% @ N30
MIX COMPOSITION: (GRADATION MIXTURE)	IL-9.5 OR 12.5	IL-9.5 OR 12.5	IL-19.5	IL-9.5	BAM
FRICTION AGGREGATE	MIX "D"	MIX "C"	N/A	N/A	N/A

LEGEND



HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	91
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	278
20200100	EARTH EXCAVATION	CU YD	674
20400800	FURNISHED EXCAVATION	CU YD	1632
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	2
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	4537
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	160
28000305	TEMPORARY DITCH CHECKS	FOOT	300
28000400	PERIMETER EROSION BARRIER	FOOT	1760
28000500	INLET AND PIPE PROTECTION	EACH	4
35100100	AGGREGATE BASE COURSE, TYPE A	TON	200
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	110
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	478
40600300	AGGREGATE (PRIME COAT)	TON	8
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	381
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	147
40600990	TEMPORARY RAMP	SQ YD	25
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	568
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	506
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	83
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	2894
50105220	PIPE CULVERT REMOVAL	FOOT	36
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	24
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	136
64200105	SHOULDER RUMBLE STRIPS	FOOT	4155
67100100	MOBILIZATION	L SUM	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	542
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	8309
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	134
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	34
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	181
72000100	SIGN PANEL - TYPE 1	SQ FT	187
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	457
(1) 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	8309
(1) 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	134
(1) 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	34
(1) * X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4

\* SEE SPECIAL PROVISIONS

CONSTRUCTION TYPE CODE: 0004

(1) SPECIALTY ITEM

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

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TON/CUBIC YARD
BITUMINOUS MATERIALS (PRIME COAT)	0.075 GALLON/SQUARE YARD (ON PAVEMENT)
BITUMINOUS MATERIALS (PRIME COAT)	0.50 GALLON/SQUARE YARD (ON AGGREGATE)
AGGREGATE (PRIME COAT)	0.002 TON/SQUARE YARD
HMA SURFACE/BINDER (112 LBS)	0.056 TON/SQUARE YARD*INCH

FILE NAME = V:\Transportation\2812\28120801.dgn	USER NAME = bborgman	DESIGNED - BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COUNTY HIGHWAY 20 (FAS 567) GENERAL NOTES & SUMMARY OF QUANTITIES	SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A.S. RTE. 567	SECTION 09-00022-06-SP	COUNTY MASON	TOTAL SHEETS 35	SHEET NO. 2
									CONTRACT NO. 93543				
									ILLINOIS FED. AID PROJECT				