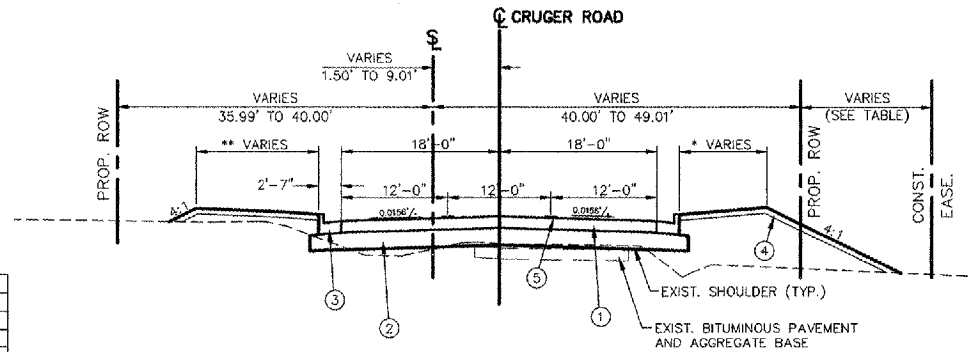


LEGEND

- ① P.C.C. PAVEMENT, 8" (JOINTED) W/ TYPE B FINISH
- ② SUB-BASE GRANULAR MATERIAL, 12"
- ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ④ TOPSOIL, 4"
- ⑤ PAVEMENT MARKING (STRIPE, 4")

CONSTRUCTION EASEMENT TABLE		
LEFT/RIGHT	STATION	WIDTH
LEFT	95+90.00 TO 97+50.00	15 FEET
LEFT	97+50.00 TO 98+75.00	10 FEET
RIGHT	99+50.00 TO 100+25.00	10 FEET
RIGHT	100+25.00 TO 104+25.00	15 FEET
RIGHT	104+25.00 TO 107+00.00	10 FEET
RIGHT	107+00.00 TO 107+50.00	150 FEET
RIGHT	107+50.00 TO 108+08.50	15' TO 20'
RIGHT	108+08.50 TO 108+36.50	20 FEET
RIGHT	108+36.50 TO 109+00.00	10 FEET
LEFT	107+25.00 TO 107+52.82	40 FEET
LEFT	107+52.82 TO 107+92.82	30 FEET
LEFT	107+92.82 TO 108+25.00	40 FEET
LEFT	140+86.65 TO 141+35.85	0' TO 25'



CRUGER ROAD

PROPOSED TYPICAL SECTION

NOTE: EXISTING BITUMINOUS PAVEMENT THICKNESS VARIES FROM 2" TO 5.5" AND THE EXISTING AGGREGATE BASE THICKNESS VARIES FROM 5.7" TO 10". (SEE BORING LOGS IN SPECIFICATIONS.)

* 10' @ 4%, STA. 93+62.36 TO STA. 128+50.00
 14' @ 2%, STA. 128+50.00 TO 141+55.22

** 4' @ 4% AND 10' @ 2%, STA. 93+62.36 TO 128+50.00
 10' @ 4%, STA. 128+50.00 TO 141+55.22

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" CURRENT EDITION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- DOWELED TRANSVERSE PAVEMENT JOINTS SHALL BE SPACED AT 15.0 FT. MAXIMUM AND AS SHOWN ON THE "JOINT DETAILS" CONSTRUCTION SHEET. COST OF DOWEL BARS SHALL BE INCIDENTAL TO THE PAY ITEM "PORTLAND CEMENT CONCRETE PAVEMENT, 8" JOINTED".
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM AT MEAN SEA LEVEL UNLESS OTHERWISE NOTED.
- THE REMOVAL OF THE EXISTING CRUGER ROAD FLEXIBLE PAVEMENT WILL NOT BE PAID FOR SEPARATELY, BUT IS INCLUDED IN THE EARTH EXCAVATION QUANTITIES. THE FLEXIBLE PAVEMENT MATERIAL REMOVED MAY BE USED IN EMBANKMENT AREAS, AS DEFINED IN ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. PLACING THE FLEXIBLE PAVEMENT MATERIALS IN EMBANKMENT AREAS SHALL BE DONE IN ACCORDANCE WITH ARTICLE 205.06 OF THE STANDARD SPECIFICATIONS.
- TO MAINTAIN DRAINAGE, THE 8' x 4' PRECAST BOX CULVERT CROSSING CRUGER ROAD AT STATION 107+62.50 SHALL BE CONSTRUCTED IN CONJUNCTION WITH THE REMOVAL OF THE EXISTING CULVERT AT STATION 107+73.6. THE PROPOSED CULVERT SHALL BE CONSTRUCTED PRIOR TO THE REMOVAL OF THE EXISTING CULVERT SO THAT DRAINAGE MAY BE MAINTAINED AT ALL TIMES.
- ALL REINFORCEMENT BARS AND TIE BARS, ETC. USED ON THIS PROJECT SHALL BE EPOXY COATED.
- ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.
- ALL WORK IS SUBJECT TO INSPECTION BY THE ENGINEER IN CONJUNCTION WITH THE CITY OF WASHINGTON AS CONSTRUCTION PROGRESSES.
- FINAL ACCEPTANCE BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE CITY OF WASHINGTON FOR THE IMPROVEMENTS IS BASED ON THE CONDITION OF THE IMPROVEMENTS AT THE TIME THE FINAL INSPECTION IS MADE.
- PREPARE AND COMPACT SUBGRADE BEFORE PLACING "SUB-BASE GRANULAR MATERIAL, TYPE A, 12" (95% COMPACTION STANDARD PROCTOR). IN ADDITION TO THE NUCLEAR DENSITY TESTS REQUIRED BY I.D.O.T., THE ENTIRE SUBGRADE SHALL BE PROOF ROLLED WITH THE USE OF A LOADED TANDEM TRUCK APPROVED BY THE CITY OF WASHINGTON AND THE PROOF ROLL WITNESSED AND APPROVED BY A REPRESENTATIVE OF THE CITY OF WASHINGTON.
- IN ADDITION TO THE TESTS REQUIRED BY I.D.O.T. TO VERIFY THE DENSITY OF THE "SUB-BASE GRANULAR MATERIAL, TYPE A, 12", THE SUB-BASE SHALL BE PROOF ROLLED WITH THE USE OF A LOADED TANDEM TRUCK APPROVED BY THE CITY OF WASHINGTON AND THE PROOF ROLL WITNESSED AND APPROVED BY A REPRESENTATIVE OF THE CITY OF WASHINGTON.

BITUMINOUS MIX REQUIREMENTS

LOCATION (S) AND MIXTURE USE (S):	BIT. CONC. SURFACE COURSE	BIT. CONC. BINDER COURSE AND BASE COURSE
AC/PG:	PG 64-22	PG 64-22
RAP % : (MAX)	15%	25%
DESIGN AIR VOIDS:	4.2% @ N = 50	4.2% @ N = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 or IL 12.5	IL 19.0
FRICITION AGGREGATE:	MIXTURE C	N/A

** IF > 15% RAP IS USED, THE CONTRACTOR MAY BE REQUIRED TO USE A SOFTER GRADE OF ASPHALT AS DETERMINED BY THE MATERIALS ENGINEER.

SUMMARY OF QUANTITIES

CODE NUMBER	CONSTRUCTION TYPE CODE: J000-2A ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU. YD.	12,446
20800150	TRENCH BACKFILL	CU. YD.	400
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU. YD.	1,917
25000100	SEEDING, CLASS 1	ACRE	3.6
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	324
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	324
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	324
25100115	MULCH, METHOD 2	ACRE	3.6
25100630	EROSION CONTROL BLANKET	SQ. YD.	1,045
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	22
28000300	TEMPORARY DITCH CHECKS	EACH	2
28000400	PERIMETER EROSION BARRIER	FOOT	1,418
28000510	INLET FILTERS	EACH	32
28100127	STONE RIPRAP, CLASS B4	SQ. YD.	50
28200200	FILTER FABRIC	SQ. YD.	50
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A, 12"	SQ. YD.	23,642
31100935	SUB-BASE GRANULAR MATERIAL, TYPE A, 18"	SQ. YD.	150
35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SQ. YD.	186
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	50
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	167
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	49
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	34
42000301	PORTLAND CEMENT CONCRETE PAVEMENT, 8" JOINTED	SQ. YD.	19,761
42001300	PROTECTIVE COAT	SQ. YD.	19,761
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ. YD.	107
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	SQ. FT.	638
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ. YD.	385
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ. YD.	101
44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	325
44000600	SIDEWALK REMOVAL	SQ. FT.	645
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	175
54020402	PRECAST CONCRETE BOX CULVERT, 4' x 2' (M273)	FOOT	12
54020804	PRECAST CONCRETE BOX CULVERT, 8' x 4' (M273)	FOOT	84
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12"	EACH	1
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 15"	EACH	2
55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 12"	FOOT	2,302
55021700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 15"	FOOT	1,201
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 18"	FOOT	171
55100400	STORM SEWER REMOVAL, 10"	FOOT	245
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	17
60241800	INLETS, TYPE G-1	EACH	28
60255500	MANHOLES TO BE ADJUSTED	EACH	3
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2
60500040	REMOVING MANHOLES	EACH	2
60500060	REMOVING INLETS	EACH	1
60605000	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	FOOT	9,353
60615400	PAVED DITCH, TYPE A-15	FOOT	38
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	15
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL. MO.	10
67100100	MOBILIZATION	L.SUM	1
70101700	TRAFFIC CONTROL & PROTECTION	L.SUM	1
* 78008200	POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS & SYMBOLS	SQ. FT.	780
* 78008210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	11,136
* 78008240	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8"	FOOT	100
* 78008270	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	80
XX006681	REMOVE AND SALVAGE EROSION CONTROL BLOCK	L.SUM	1
XX006682	INSTALL SALVAGED EROSION CONTROL BLOCK	SQ. YD.	27
XX006683	STORM SEWER, DUCTILE IRON PIPE, CLASS 50, 12"	FOOT	92
XX006684	STORM SEWER, DUCTILE IRON PIPE, CLASS 50, 14"	FOOT	48
XX006685	INLET MANHOLE, TYPE A, 4' DIA., TYPE G-1 FRAME & GRATE	EACH	4
XX006686	CONNECT TO 8' x 4' PRECAST BOX CULVERT	EACH	2
XX006687	SALVAGE & REINSTALL 4' x 2' PRECAST CONCRETE BOX CULVERT END SECTION	EACH	1
Δ 20076600	TRAINEES	hour	500

* SPECIALTY ITEMS

Δ Y080