

SUMMARY OF QUANTITIES
CONSTRUCTION TYPE CODE: X080-2A

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1045	07-00421	WINNEBAGO	18	2
C.H. II	-00-BR	ILLINOIS		

CONTRACT NO. 85451

NUMBER	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	110
20300100	CHANNEL EXCAVATION	CU YD	210
20400800	FURNISHED EXCAVATION	CU YD	372
20700110	POROUS GRANULAR EMBANKMENT	TON	105
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.6
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	70
28000400	PERIMETER EROSION BARRIER	FOOT	1,175
28100207	STONE RIPRAP, CLASS A4	TON	426
28200200	FILTER FABRIC	SQ YD	640
35501320	HOT-MIX ASPHALT BASE COURSE, 9"	SQ YD	98
35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	SQ YD	173
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	165
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	586
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	222
44000100	PAVEMENT REMOVAL	SQ YD	115
48101200	AGGREGATE SHOULDERS, TYPE B	TON	359
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50104650	SLOPE WALL REMOVAL	SQ YD	152
50200100	STRUCTURE EXCAVATION	CU YD	97
50300225	CONCRETE STRUCTURES	CU YD	199.3
50300280	CONCRETE ENCASEMENT	CU YD	3.5
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	5,520
50800105	REINFORCEMENT BARS	POUND	15,360
50901050	STEEL BRIDGE RAIL, TYPE SM	FOOT	369
51201600	FURNISHING STEEL PILES HP12X53	FOOT	2,188
51202305	DRIVING PILES	FOOT	2,188
51203600	TEST PILE STEEL HP12X53	EACH	3
51500100	NAME PLATES	EACH	1
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	629
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	1,656
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
63200310	GUARDRAIL REMOVAL	FOOT	407
67100100	MOBILIZATION	L SUM	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	3,060
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1
X5020503	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 3	EACH	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1

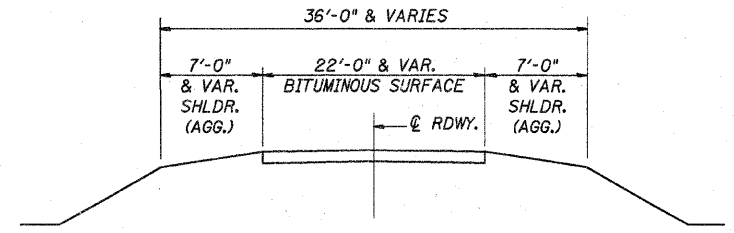
*SEE SPECIAL PROVISIONS
Δ SPECIALTY ITEMS

GENERAL NOTES

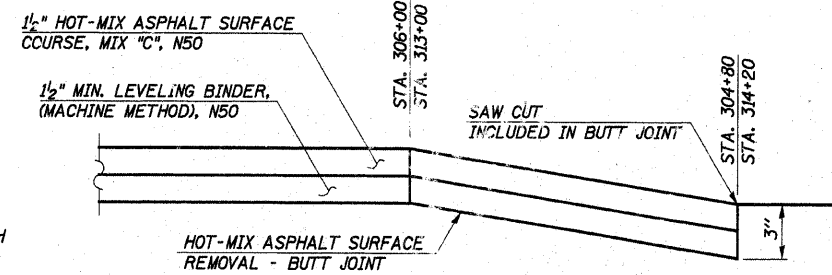
WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE AREA TO BE SEEDDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY, AS DIRECTED BY THE ENGINEER.

SEEDING, CLASS 2 (SPECIAL) = 0.6 ACRE

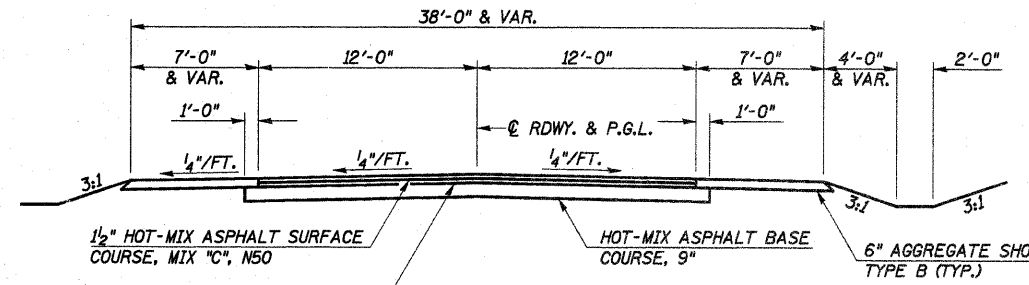


EXISTING TYPICAL CROSS SECTION



HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT DETAIL

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE USE(S)	SURFACE	LEVEL BINDER	BIT. BASE COURSE
PG:	PG 58-22	PG 58-22	PG 58-22
DESIGN AIR VOIDS:	3.0 @ N50	3.0 @ N50	2 @ N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 9.5	BAM
FRICTION AGGREGATE:	C	N/A	N/A
20 YEAR ESAL	0.0	0.0	N/A
MIX UNIT WEIGHT	112 LBS/SY/IN		

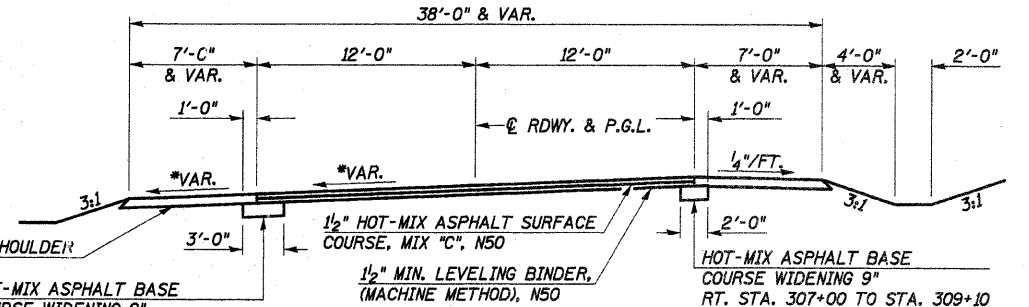


SUGGESTED FILL SECTION
CONSTRUCT AS SHOWN BY
STATION CROSS SECTIONS

TYPICAL PROPOSED CROSS SECTION

STA. 309+10 TO STA. 309+26.87
STA. 311+12.97 TO STA. 311+30

SUGGESTED CUT SECTION
CONSTRUCT AS SHOWN BY
STATION CROSS SECTIONS

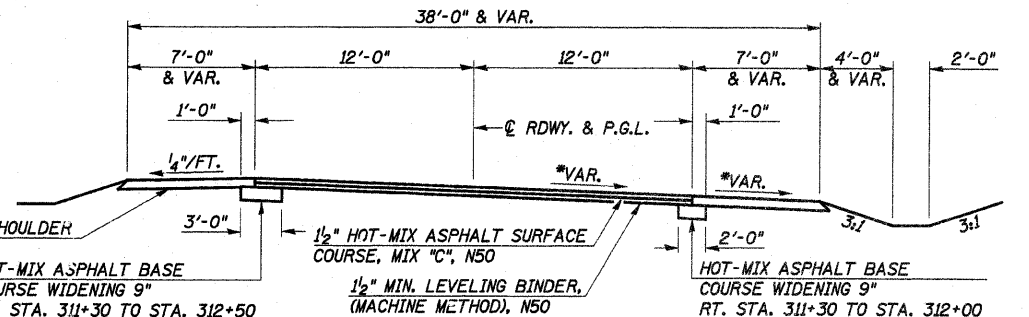


SUGGESTED FILL SECTION
CONSTRUCT AS SHOWN BY
STATION CROSS SECTIONS

TYPICAL PROPOSED CROSS SECTION

STA. 306+00 TO STA. 309+10

SUGGESTED CUT SECTION
CONSTRUCT AS SHOWN BY
STATION CROSS SECTIONS



SUGGESTED FILL SECTION
CONSTRUCT AS SHOWN BY
STATION CROSS SECTIONS

TYPICAL PROPOSED CROSS SECTION

STA. 311+30 TO STA. 312+00

SUGGESTED CUT SECTION
CONSTRUCT AS SHOWN BY
STATION CROSS SECTIONS

**SUMMARY OF QUANTITIES, GENERAL NOTES
AND TYPICAL CROSS SECTION**
SECTION 07-00421-00-BR
F.A.S. ROUTE 1045 - C.H. 11
WINNEBAGO COUNTY
STATION 310+19.92

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FEHR-GRAHAM & ASSOCIATES, LLC
ENGINEERING AND SCIENCE CONSULTANTS

DRAWN: S.A.P.
DATE: 08/09/07

CHECKED: G.J.C.
DATE: 08/15/07

JOB NO.: 46466
FILE: SUMTYP.DGN
DATE: 02/03/09