

ROADWAY SCHEDULE							
LOCATION	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE BASE COURSE TYPE A	AGGREGATE SURFACE COURSE TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50	HOT-MIX ASPHALT SHOULDERS 5 1/2"
	21001000	35100100	49200800	40600100	40603080	40603310	48203019
	SQ YD	TON	TON	GAL	TON	TON	SQ YD
DILLINGER ROAD							
STA 147+75 TO STA 151+10.72	939	659		311	187	69	457
STA 151+10.72 TO STA 153+97.28						95	
STA 153+97.28 TO STA 160+00	1691	1185		561	338	124	691
MUDD ROAD		74		57		25	
ENTRANCES			18				40
TOTAL	2630	1919	18	929	525	313	1188

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @Ndc
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 GYR

PAVEMENT DESIGN (NON-MECHANISTIC)
DESIGN PERIOD 20 YEARS 2033
STRUCTURAL DESIGN TRAFFIC (SDT) = 1130 (2023)
PV = 1028 SU = 68 MU = 34
ROAD/STREET CLASSIFICATION: CLASS III
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P = 0.5 S = 0.5 MU = 0.5
TRAFFIC FACTOR ACTUAL TF 0.21 AC TYPE 64-22
MINIMUM TF NA
PG GRADE: BINDER = 64-22 SURFACE = 64-22

GUARDRAIL SCHEDULE					
LOCATION	TRAFFIC BARRIER TERMINAL, TYPE GA	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	STEEL PLATE BEAM GUARDRAIL, TYPE A 6 FT POSTS	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER DIRECT APPLIED
	63100087	63100187	63000001	78200410	78201000
	EACH	EACH	FOOT	EACH	EACH
LT. STA 149+63.95 TO LT. STA 156+32.87	2	2	200	8	2
RT. STA 148+75.00 TO RT. STA 155+43.21	2	2	200	8	2
TOTAL	4	4	400	16	4

EARTHWORK SUMMARY						
LOCATION	EARTH EXCAVATION	SHRINKAGE FACTOR	% USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT REQUIRED	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD			CU YD	CU YD	CU YD
STA 147+75 TO STA 151+10.72	365	25.00%	100.00%	289	337	-48
STA 153+97.28 TO STA 160+00	783	25.00%	100.00%	587	1268	-681
ENTRANCE EMBANKMENT					13	-13
TOTAL	1168			876	1618	-742

FURNISHED EXCAVATION 742 CU YD.

PERIMETER EROSION BARRIER 28000400	
LOCATION	FOOT
LT. STA 148+60 TO STA 151+00	240
RT. STA 148+60 TO STA 151+05	260
LT. STA 153+95 TO STA 157+45	400
RT. STA 154+15 TO STA 155+20	105
RT. STA 155+30 TO STA 155+50	130
TOTAL	1135

TEMPORARY DITCH CHECKS 28000305	
LOCATION	FOOT
RT. STA 155+25	9
RT. STA 157+00	13
RT. STA 158+00	13
LT. STA 158+50	13
RT. STA 159+00	13
TOTAL	61

SEEDING SCHEDULE				
LOCATION	MULCH, METHOD 2 *	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING *	SEEDING CLASS 2 (SPECIAL)
	25100115	25100630	28000250	X2501000
	ACRE	SQ YD	POUND	ACRE
LT. STA 147+75 TO LT. STA 151+10.72	0.20	137	20	0.10
RT. STA 147+75 TO RT. STA 151+10.72	0.34	412	34	0.17
LT. STA 153+97.28 TO LT. STA 160+00	0.66	210	66	0.33
RT. STA 153+97.28 TO RT. STA 160+00	0.60	854	60	0.30
TOTAL	1.80	1613	180	0.90

* 2 APPLICATIONS

TREE REMOVAL, ACRES 20100500	
LOCATION	ACRES
RT. STA 148+73 TO STA 149+47	0.01
LT. STA 154+25 TO STA 156+13	0.05
TOTAL	0.06
USE	0.1

PAINT PAVEMENT MARKING - LINE 4"		
LOCATION	SINGLE WHITE EDGE LINE	DOUBLE YELLOW NO PASSING
	78001110	78001110
	FOOT	FOOT
RT. STA 147+75 TO RT. STA 160+00	1225	
CL STA 147+75 TO CL STA 160+00		2450
LT. STA 147+75 TO LT. STA 160+00	1225	
SUBTOTAL	2450	2450
TOTAL	4900	