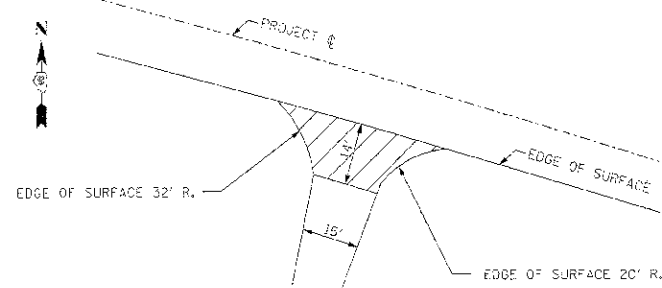


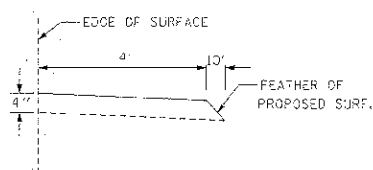
DETAILS OF SURFACING AT INTERSECTIONS AND SIDEROADS

DETAIL OF INTERSECTION RT. STA. 278+96

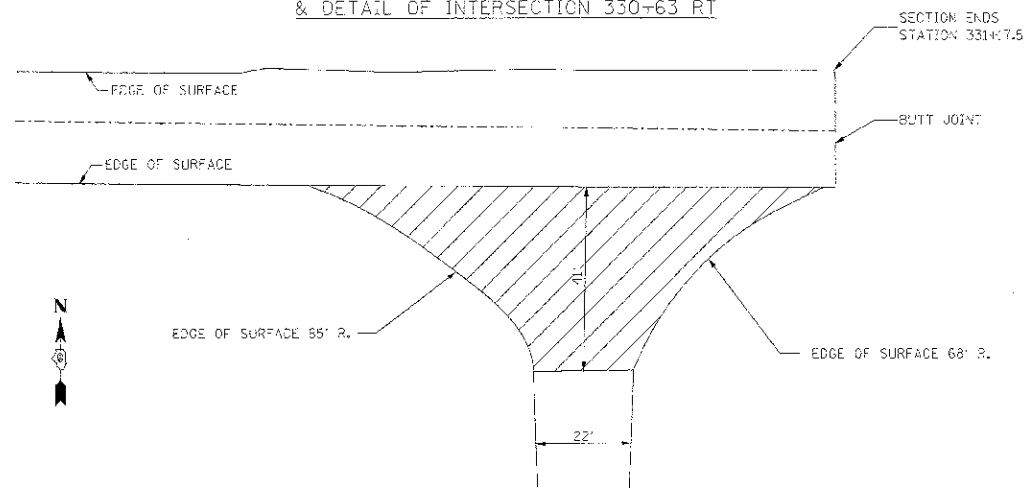


NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 INCLUDES 8.9 TONS OF MATERIAL FOR THE SIDEROAD APPROACH AND RADI.

PROFILE RT

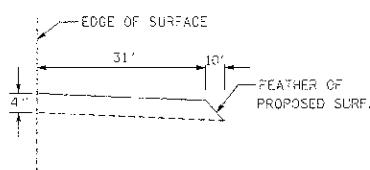


DETAIL OF BUTT JOINT STA. 331+17.5 & DETAIL OF INTERSECTION 330+63 RT

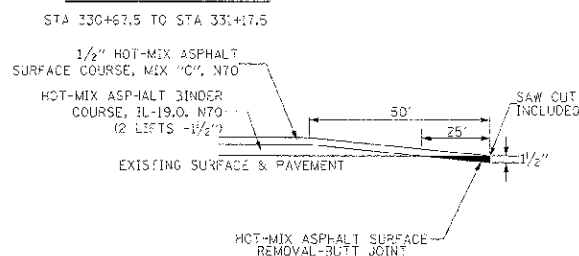


NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 INCLUDES 62.4 TONS OF MATERIAL FOR THE SIDEROAD APPROACH AND RADI.

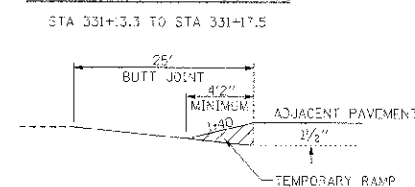
PROFILE RT



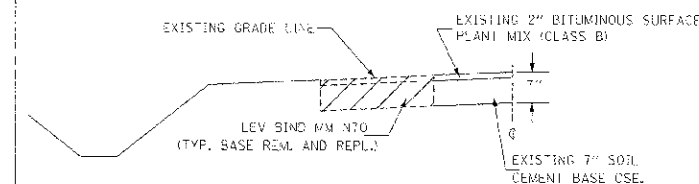
BUTT JOINT DETAIL



TEMPORARY RAMP DETAIL

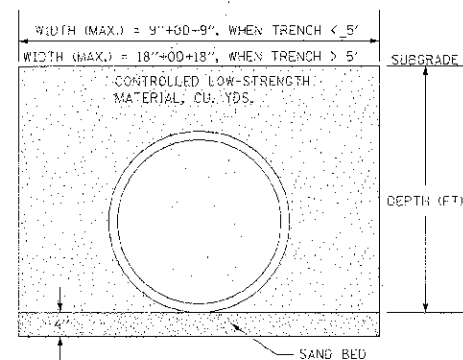


DETAIL OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL



NOTE: IN THE TYPICAL DETAIL ABOVE THE DISTANCE FROM THE CENTERLINE LEFT OR RIGHT AND THE WIDTH OF PAVEMENT REMOVAL AND REPLACEMENT VARIES. SEE SCHEDULE OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL FOR PROPOSED LOCATIONS.

DETAIL OF ACROSS ROAD PIPE CULVERTS

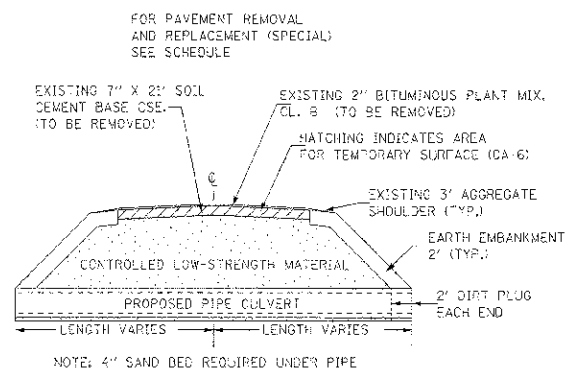


SCHEDULE OF ACROSS ROAD PIPE CULVERTS

STATION	SIZE	LENGTH	CONTROLLED LOW-STRENGTH MATERIAL	TEMPORARY SURFACE (CAG)	STONE DUMBED RIPRAP, CLASS A3
163+65	24"	32'	9.6 CY	4.2 T	5.0 T
201+62	60"	32'	20.7 CY	7.8 T	7.0 T
244+92	60" EORS	32'	21.9 CY	8.4 T	7.0 T
TOTAL			52.2 CY	21.4 T	17.0 T

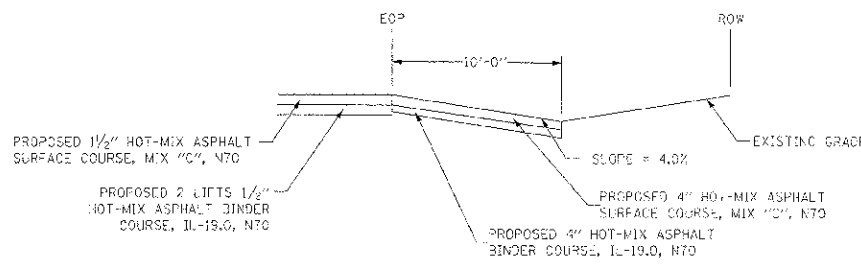
NOTE: SEE SHEET 6 FOR CULVERT FLOWLINES

PROPOSED TYPICAL CROSS SECTION OF ACROSS ROAD PIPE CULVERTS



NOTE: 4" SAND BED REQUIRED UNDER PIPE

PROPOSED DRIVE TYPICAL SECTION (STA 245+00 TO STA 250+00)



STATION	LOCATION	HMA SC "C" N70 (IN TONS)	HMA BC IL-19.0 N70 (IN TONS)
245+92	RT	35.3	35.3
248+36	RT	44.8	44.8
249+58	RT	12.5	12.5
246+25	LT	17.0	17.0
244+72	LT	20.5	20.5
249+17	LT	8.3	8.3
TOTAL		138.4	138.4

NOTE: THE DRIVE AREA FROM THE EDGE OF SURFACE, AS SHOWN ABOVE, SHALL BE CURED OUT TO ALLOW 8" HOT MIX ASPHALT AT THE GRADE SHOWN OR PER ENGINEER'S APPROVAL. THIS QUANTITY IS INCLUDED IN THE QUANTITY FOR 4" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 AND 4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70. THE EXISTING GRADE SHALL BE GRADED SO AS TO TIE INTO THE EDGE OF THE HOT-MIX ASPHALT DRIVE.

SCHEDULE OF STORM SEWER STRUCTURES

STATION	LOCATION	ITEM
249+88.2	20.0' RT	PRECAST FLARED END SECTION 18"
249+28.3	22.6' RT	TYPE A INLET WITH TYPE 8 GRATE
247+43.6	21.3' RT	PRECAST FLARED END SECTION 18"
246+71.5	22.1' RT	PRECAST FLARED END SECTION 27"
245+17.2	23.3' RT	PRECAST FLARED END SECTION 27"
249+35.4	22.1' LT	PRECAST FLARED END SECTION 18"
248+98.5	22.8' LT	PRECAST FLARED END SECTION 18"
248+11.6	20.9' LT	PRECAST FLARED END SECTION 18"
247+31.7	21.8' LT	PRECAST FLARED END SECTION 18"
246+63.4	22.8' LT	PRECAST FLARED END SECTION 18"
245+87.3	21.8' LT	PRECAST FLARED END SECTION 18"
139+46.2	20.8' RT	PRECAST FLARED END SECTION 15"
140+13.4	20.1' RT	TYPE B INLET WITH TYPE 1 FRAME & LID
140+17.4	20.1' RT	TIE INTO EXISTING
140+13.0	24.3' RT	TIE INTO EXISTING

SCHEDULE OF STORM SEWER

LOCATION	PROPOSED PIPE	PROPOSED LENGTH
A TO B	18" CL A	55
B TO C	18" CL A	180
C TO D	15" CL A	50
D TO E	15" CL A	4
E TO F	15" CL A	4

SCHEDULE OF GRATING FOR CONCRETE FLARED END SECTION

LOCATION	PROPOSED SIZE
A	18"
B	27"
C	18"
D	18"
E	18"

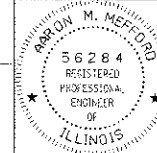
F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
815	03-30075-01-RS	WHITE	8	4
FED. ROAD DIST. NO. 3		ILLINOIS	BURNT PRAIRIE ROAD	
LEC JOB # H12L001WR		CONTRACT # 99478		

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AARON M. McFORD
NAME
Signature
5-23-17
DATE
11-30-13
EXPIRES