

PROPOSED TYPICAL SECTION - RAMP B GRADING
STA. 3000+00 TO STA. 3045+00

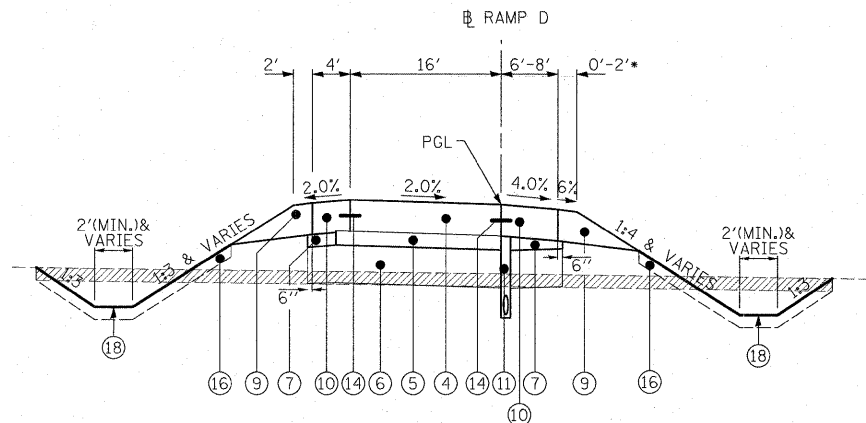
PROPOSED TYPICAL SECTION - RAMP E GRADING
STA. 100+00 TO STA. 126+08.25

PROPOSED TYPICAL SECTION - EAST FRONTAGE ROAD
STA. 8025+46.32 TO STA. 8041+37.50
STA. 8052+18.19 TO STA. 8057+12.79

PROPOSED LEGEND

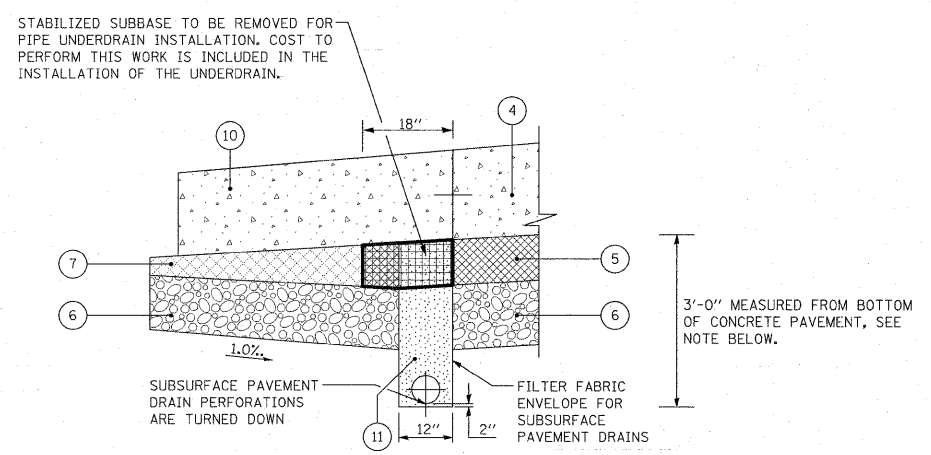
- ① HOT-MIX ASPHALT SURFACE COURSE. MIX "D", N70, 2"
- ② HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
- ③ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ④ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ⑤ STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
- ⑥ AGGREGATE SUBGRADE 12"
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE B
- ⑧ AGGREGATE SHOULDERS, TYPE B 8"
- ⑨ AGGREGATE SHOULDERS, TYPE B 10"
- ⑩ PORTLAND CEMENT CONCRETE SHOULDERS 10"
- ⑪ PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
- ⑫ NOT USED
- ⑬ CONCRETE BARRIER BASE
- ⑭ LONGITUDINAL CONSTRUCTION JOINT NO. 8 x 24" TIE BARS AT 24" CTS.
- ⑮ LONGITUDINAL SAWS JOINT NO. 8 x 30" TIE BARS AT 30" CTS.
- ⑯ TOPSOIL EXCAVATION AND PLACEMENT
- ⑰ PROPOSED EMBANKMENT
- ⑱ PROPOSED DRAINAGE DITCH
- ⑲ REINFORCED FILL
- ⑳ PAVEMENT (BY OTHERS)
- ㉑ SHOULDERS (BY OTHERS)
- ㉒ SUB-BASE (BY OTHERS)
- ㉓ SUBGRADE (BY OTHERS)
- ㉔ LEVELING BINDER (MACHINE METHOD), N70

TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.



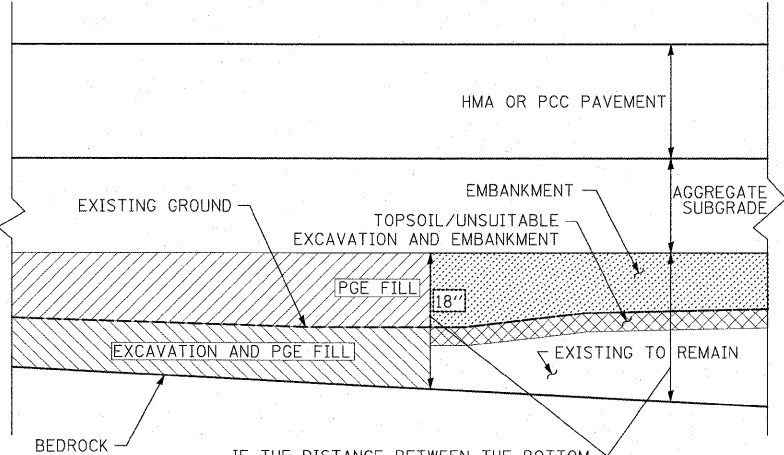
PROPOSED TYPICAL SECTION - RAMP D
STA. 4000+00 TO STA. 4009+21

*CONCRETE BARRIER, DOUBLE FACE, 42" W/ CONCRETE BARRIER BASE FROM STA. 4008+00 TO STA. 4009+21



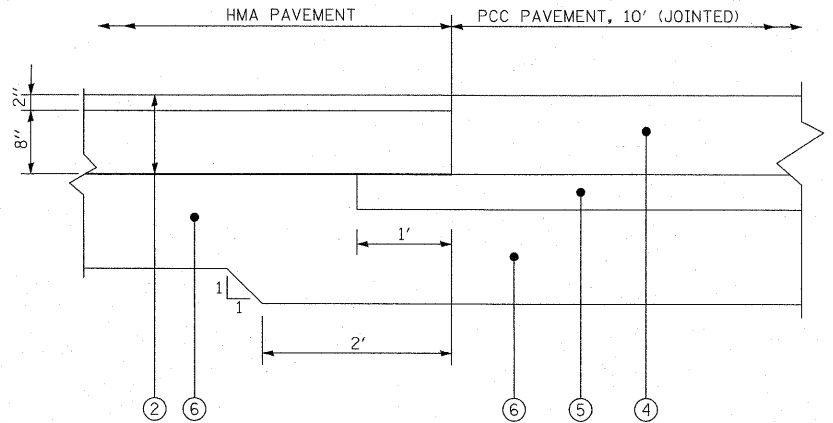
NOTE:
AT THE ENGINEER'S DISCRETION THE DEPTH OF THE UNDERDRAIN MAY BE MODIFIED WHEN IN CONFLICT WITH BEDROCK. IN THESE AREAS, THE LOCATION OF OUTLET STRUCTURES SHALL BE MODIFIED TO MAINTAIN POSITIVE DRAINAGE. THIS WORK SHALL BE INCLUDED IN THE COST OF THE UNDERDRAIN.

PIPE UNDERDRAIN 6", 36" NOMINAL DEPTH DETAIL



IF THE DISTANCE BETWEEN THE BOTTOM OF THE PROPOSED AGGREGATE SUBGRADE AND THE TOP OF BEDROCK IS 18" OR LESS, THE EXISTING MATERIAL SHALL BE REMOVED DOWN TO THE BEDROCK AND REPLACED WITH PGE
SEE CROSS SECTIONS AND SCHEDULES FOR LOCATIONS

PGE ABOVE BEDROCK DETAIL



HMA PAVEMENT TO PCC PAVEMENT DETAIL

McDonough Associates Inc. Engineers / Architects 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D160C31-SHT-TYPICAL 05.dgn	USER NAME = jlatour	DESIGNED - DMB	REVISED -
		DRAWN - DMB	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 16
CONTRACT NO. 60C31			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

FINAL