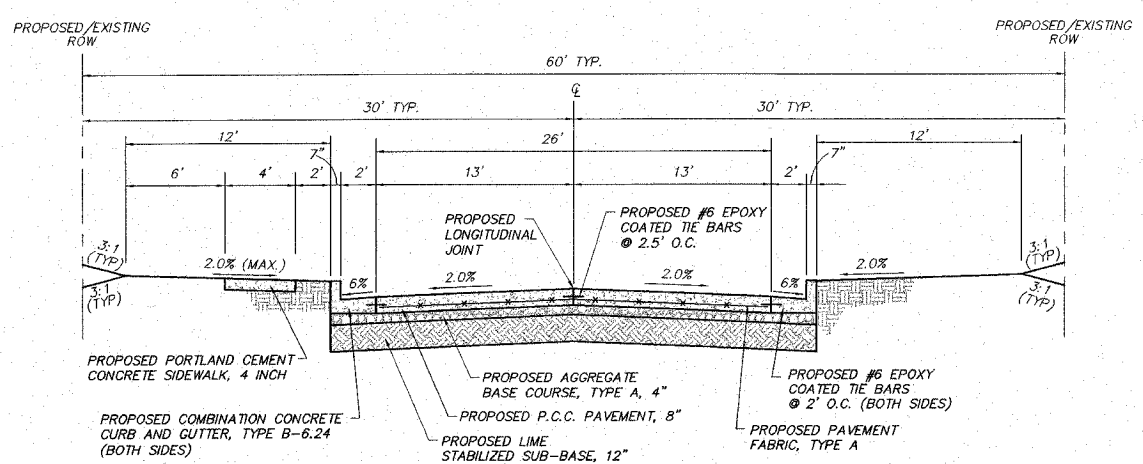


REVISIONS

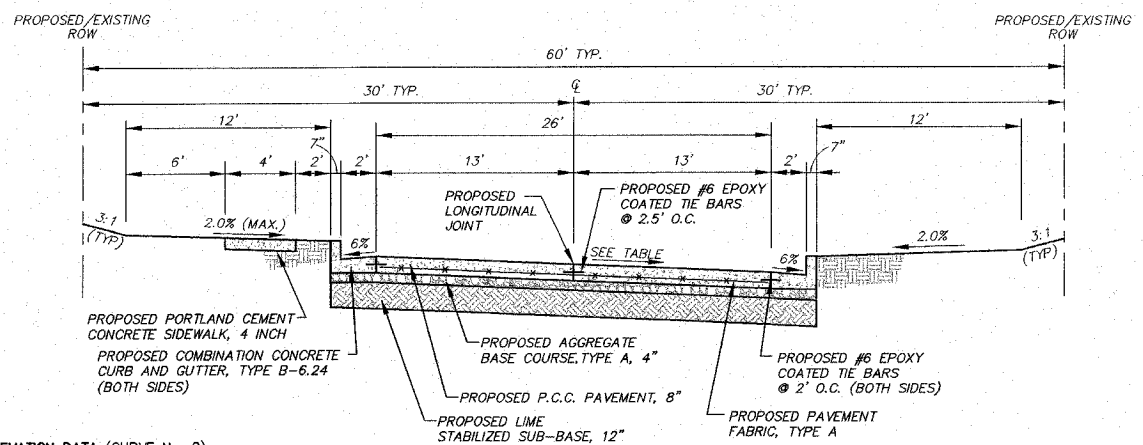
SMS Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
ENGINEERS

PIERCE LANE IMP. (PHASE 3 AND 4)-GODFREY, ILLINOIS
FAU ROUTE 8985
05-00001-03-PV (PHASE 3) / 06-00001-04-BR (PHASE 4)
PROPOSED TYPICAL SECTIONS

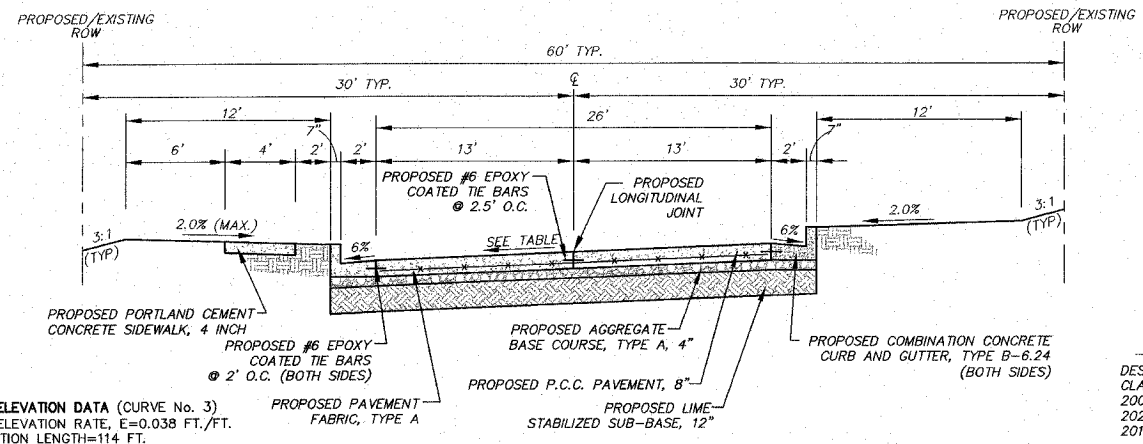
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REF. BK. PG.
JOB NO. 436613
DSN. BY: SJW/DDT
DWN. BY: BCS
CHK. BY: SJW
DATE: FEBRUARY, 2008
SCALE: N.T.S.
SHEET 4 OF 61



PROPOSED TYPICAL SECTION
STA 67+49.80 TO STA 71+97.88
STA 77+75.61 TO STA 77+86.14
STA 83+70.26 TO STA 84+03.19
STA 88+80.86 TO STA 89+95.93



PROPOSED TYPICAL SECTION
STA 71+97.88 TO STA 77+75.61

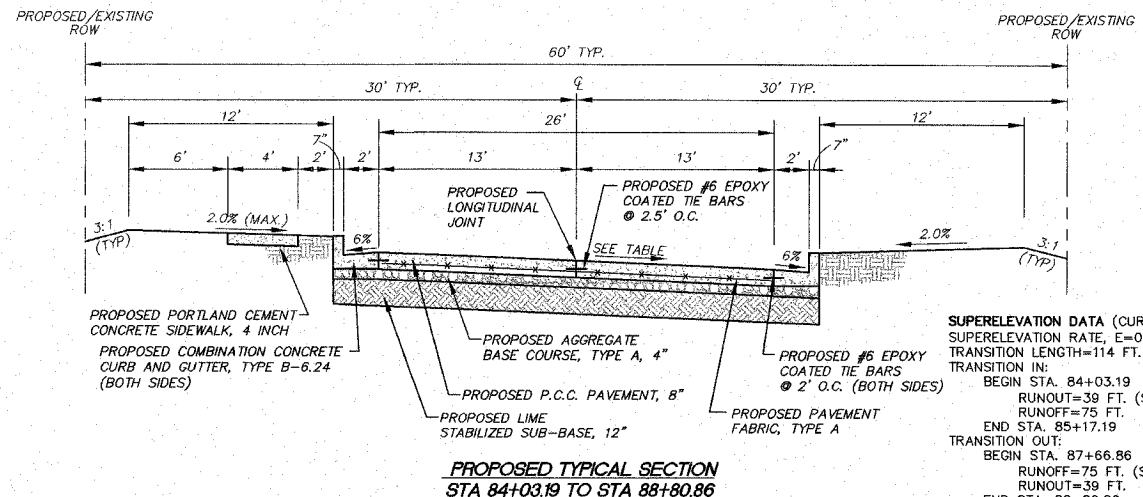


PROPOSED TYPICAL SECTION
STA 77+86.14 TO STA 83+70.26

SUPERELEVATION DATA (CURVE No. 2)
SUPERELEVATION RATE, E=0.034 FT./FT.
TRANSITION LENGTH=106 FT.
TRANSITION IN:
BEGIN STA. 71+97.88
RUNOUT=39 FT. (STA. 72+36.88)
RUNOFF=67 FT.
END STA. 73+03.88
TRANSITION OUT:
BEGIN STA. 76+69.61
RUNOFF=67 FT. (STA. 77+36.61)
RUNOUT=39 FT.
END STA. 77+75.61

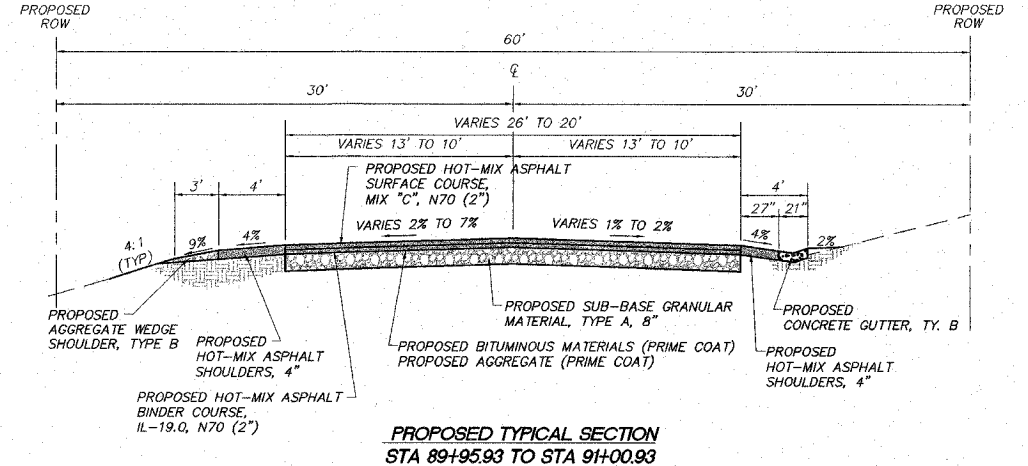
SUPERELEVATION DATA (CURVE No. 3)
SUPERELEVATION RATE, E=0.038 FT./FT.
TRANSITION LENGTH=114 FT.
TRANSITION IN:
BEGIN STA. 77+86.14
RUNOUT=39 FT. (STA. 78+25.14)
RUNOFF=75 FT.
END STA. 79+00.14
TRANSITION OUT:
BEGIN STA. 82+56.26
RUNOFF=75 FT. (STA. 83+31.26)
RUNOUT=39 FT.
END STA. 83+70.26

PAVEMENT DESIGN DATA
DESIGN SPEED = 30 M.P.H.
CLASS II STREET
2006 AVERAGE DAILY TRAFFIC (A.D.T.) = 2,235
2026 AVERAGE DAILY TRAFFIC (A.D.T.) = 2,750
2016 STRUCTURAL DESIGN TRAFFIC (S.D.T.) = 2,495
PASSENGER VEHICLES (P.V.) = 2,320 (93%)
SINGLE UNITS (S.U.) = 125 (5%)
MULTIPLE UNITS (M.U.) = 50 (2%)
MODIFIED AASHTO DESIGN
TRAFFIC FACTOR (18-KIP E.S.A.L.) = 0.70
ILLINOIS BEARING RATIO (I.B.R.) = 2
PROPOSED PAVEMENT MATERIALS:
P.C.C. PAVEMENT, 8" (15" NOMINAL TRANSVERSE JOINT SPACING)
PAVEMENT FABRIC, TYPE A
AGGREGATE BASE COURSE, TYPE A, 4"

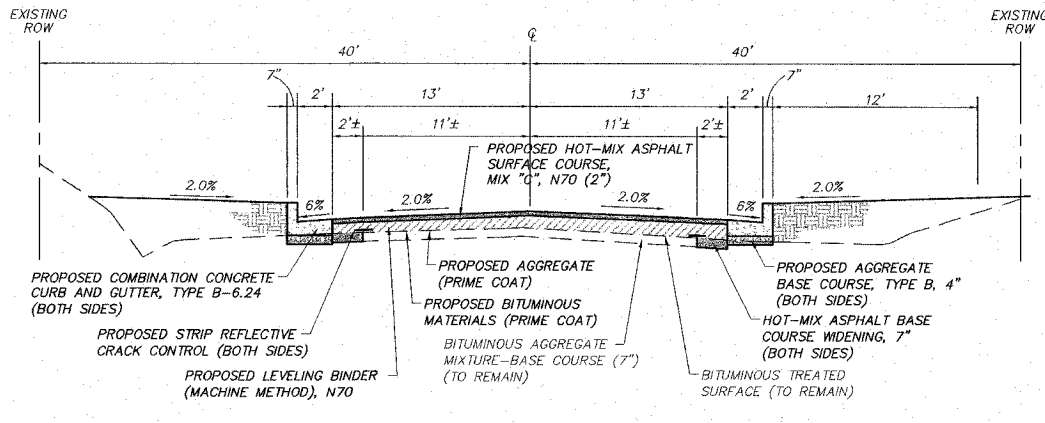


PROPOSED TYPICAL SECTION
STA 84+03.19 TO STA 88+80.86

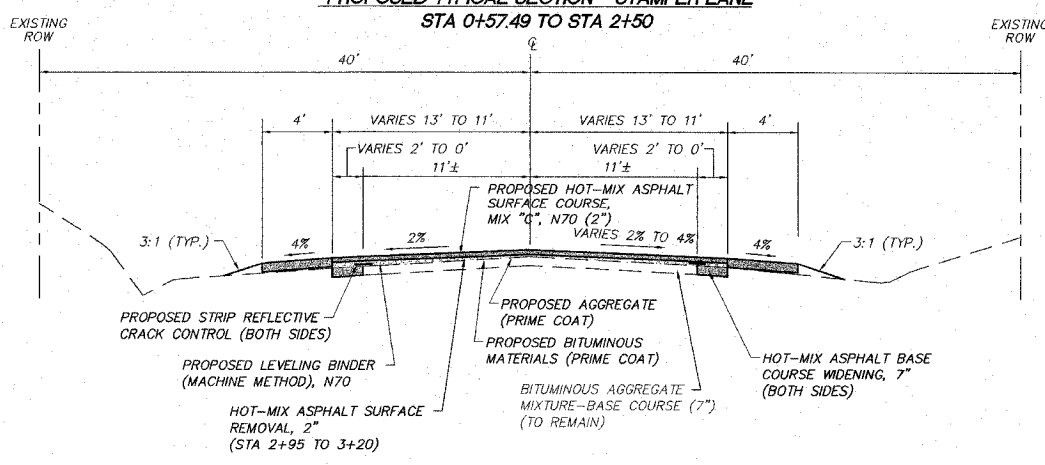
SUPERELEVATION DATA (CURVE No. 4)
SUPERELEVATION RATE, E=0.038 FT./FT.
TRANSITION LENGTH=114 FT.
TRANSITION IN:
BEGIN STA. 84+03.19
RUNOUT=39 FT. (STA. 84+42.19)
RUNOFF=75 FT.
END STA. 85+17.19
TRANSITION OUT:
BEGIN STA. 87+66.86
RUNOFF=75 FT. (STA. 88+41.86)
RUNOUT=39 FT.
END STA. 88+80.86



PROPOSED TYPICAL SECTION
STA 89+95.93 TO STA 91+00.93



PROPOSED TYPICAL SECTION - STAMPER LANE
STA 0+57.49 TO STA 2+50



PROPOSED TYPICAL SECTION - STAMPER LANE
STA 2+50 TO STA 3+20