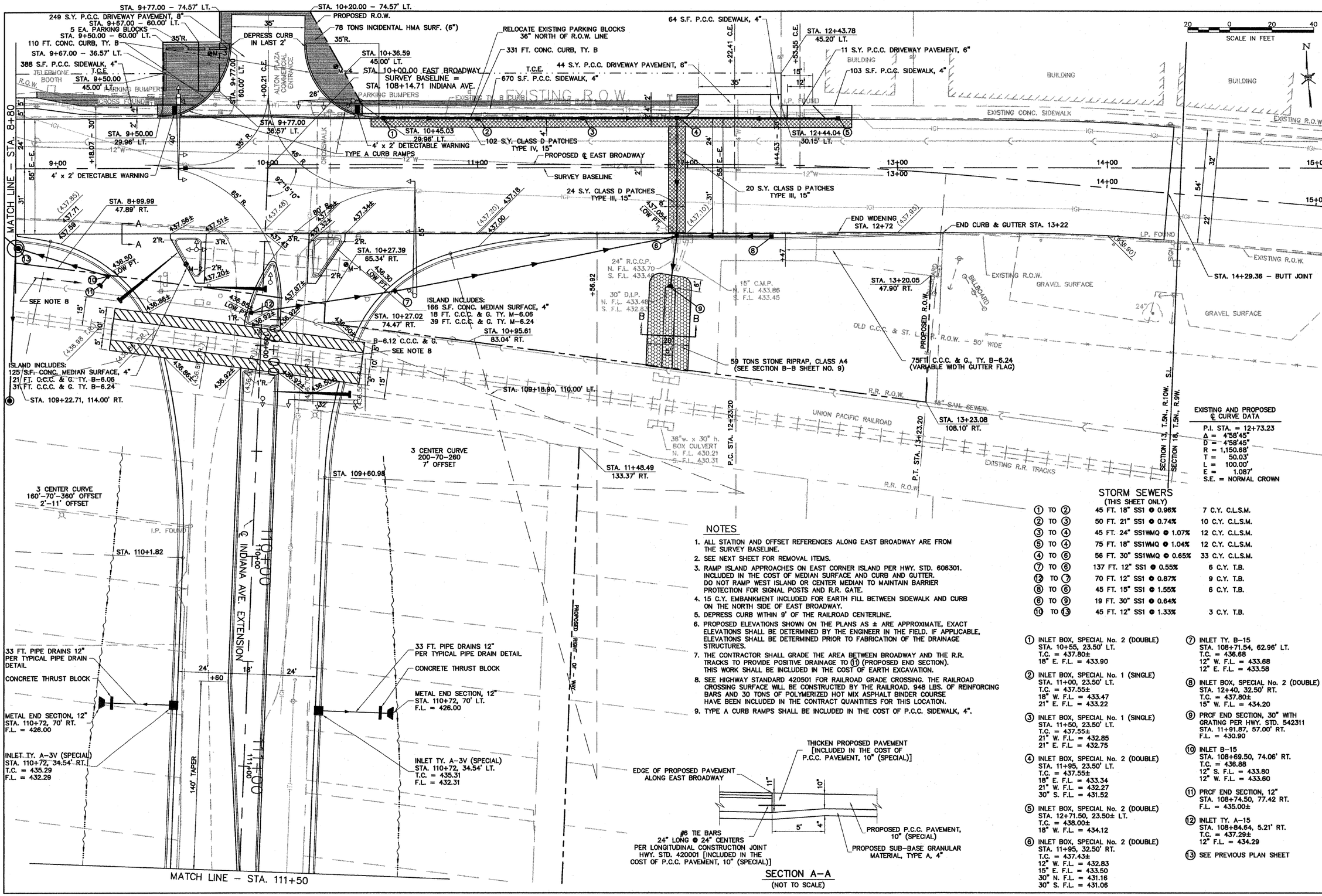

EXISTING AND PROPOSED ℄ CURVE DATA

P.I. STA. = 12+73.23
Δ = 4°58'45"
D = 4°58'45"
R = 1,150.68'
T = 50.03'
L = 100.00'
E = 1.087'
S.E. = NORMAL CROWN

STORM SEWERS
(THIS SHEET ONLY)

① TO ②	45 FT. 18" SS1 @ 0.96%	7 C.Y. C.L.S.M.
② TO ③	50 FT. 21" SS1 @ 0.74%	10 C.Y. C.L.S.M.
③ TO ④	45 FT. 24" SS1WMQ @ 1.07%	12 C.Y. C.L.S.M.
⑤ TO ④	75 FT. 18" SS1WMQ @ 1.04%	12 C.Y. C.L.S.M.
④ TO ⑥	56 FT. 30" SS1WMQ @ 0.65%	33 C.Y. C.L.S.M.
⑦ TO ⑥	137 FT. 12" SS1 @ 0.55%	6 C.Y. T.B.
⑫ TO ⑦	70 FT. 12" SS1 @ 0.87%	9 C.Y. T.B.
⑧ TO ⑥	45 FT. 15" SS1 @ 1.55%	6 C.Y. T.B.
⑥ TO ⑨	19 FT. 30" SS1 @ 0.64%	
⑩ TO ⑬	45 FT. 12" SS1 @ 1.33%	3 C.Y. T.B.

NOTES

1. ALL STATION AND OFFSET REFERENCES ALONG EAST BROADWAY ARE FROM THE SURVEY BASELINE.
2. SEE NEXT SHEET FOR REMOVAL ITEMS.
3. RAMP ISLAND APPROACHES ON EAST CORNER ISLAND PER HWY. STD. 606301. INCLUDED IN THE COST OF MEDIAN SURFACE AND CURB AND GUTTER. DO NOT RAMP WEST ISLAND OR CENTER MEDIAN TO MAINTAIN BARRIER PROTECTION FOR SIGNAL POSTS AND R.R. GATE.
4. 15 C.Y. EMBANKMENT INCLUDED FOR EARTH FILL BETWEEN SIDEWALK AND CURB ON THE NORTH SIDE OF EAST BROADWAY.
5. DEPRESS CURB WITHIN 9' OF THE RAILROAD CENTERLINE.
6. PROPOSED ELEVATIONS SHOWN ON THE PLANS AS ± ARE APPROXIMATE, EXACT ELEVATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. IF APPLICABLE, ELEVATIONS SHALL BE DETERMINED PRIOR TO FABRICATION OF THE DRAINAGE STRUCTURES.
7. THE CONTRACTOR SHALL GRADE THE AREA BETWEEN BROADWAY AND THE R.R. TRACKS TO PROVIDE POSITIVE DRAINAGE TO ⑪ (PROPOSED END SECTION). THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
8. SEE HIGHWAY STANDARD 420501 FOR RAILROAD GRADE CROSSING. THE RAILROAD CROSSING SURFACE WILL BE CONSTRUCTED BY THE RAILROAD. 948 LBS. OF REINFORCING BARS AND 30 TONS OF POLYMERIZED HOT MIX ASPHALT BINDER COURSE HAVE BEEN INCLUDED IN THE CONTRACT QUANTITIES FOR THIS LOCATION.
9. TYPE A CURB RAMPS SHALL BE INCLUDED IN THE COST OF P.C.C. SIDEWALK, 4".

SECTION A–A
(NOT TO SCALE)

① INLET BOX, SPECIAL No. 2 (DOUBLE)
STA. 10+55, 23.50' LT.
T.C. = 437.80±
18" E. F.L. = 433.90

② INLET BOX, SPECIAL No. 1 (SINGLE)
STA. 11+00, 23.50' LT.
T.C. = 437.55±
18" W. F.L. = 433.47
21" E. F.L. = 433.22

③ INLET BOX, SPECIAL No. 1 (SINGLE)
STA. 11+50, 23.50' LT.
T.C. = 437.55±
21" W. F.L. = 432.85
21" E. F.L. = 432.75

④ INLET BOX, SPECIAL No. 2 (DOUBLE)
STA. 11+95, 23.50' LT.
T.C. = 437.55±
18" E. F.L. = 433.34
21" W. F.L. = 432.27
30" S. F.L. = 431.52

⑤ INLET BOX, SPECIAL No. 2 (DOUBLE)
STA. 12+71.50, 23.50± LT.
T.C. = 438.00±
18" W. F.L. = 434.12

⑥ INLET BOX, SPECIAL No. 2 (DOUBLE)
STA. 11+95, 32.50' RT.
T.C. = 437.43±
12" W. F.L. = 432.83
15" E. F.L. = 433.50
30" N. F.L. = 431.16
30" S. F.L. = 431.06

⑦ INLET TY. B-15
STA. 108+71.54, 62.96' LT.
T.C. = 436.68
12" W. F.L. = 433.68
12" E. F.L. = 433.58

⑧ INLET BOX, SPECIAL No. 2 (DOUBLE)
STA. 12+40, 32.50' RT.
T.C. = 437.80±
15" W. F.L. = 434.20

⑨ PRCF END SECTION, 30" WITH GRATING PER HWY. STD. 542311
STA. 11+91.87, 57.00' RT.
F.L. = 430.90

⑩ INLET B-15
STA. 108+69.50, 74.06' RT.
T.C. = 436.88
12" S. F.L. = 433.80
12" W. F.L. = 433.60

⑪ PRCF END SECTION, 12"
STA. 108+74.50, 77.42 RT.
F.L. = 435.00±

⑫ INLET TY. A-15
STA. 108+84.64, 5.21' RT.
T.C. = 437.29±
12" F.L. = 434.29

⑬ SEE PREVIOUS PLAN SHEET

REVISIONS

SMS ENGINEERS
Sheppard Morgan & Schwaab, Inc.
CONSULTING ENGINEERS & LAND SURVEYORS
215 Market Street
Alton, Illinois 62002
618/462-9750
10 Central Industrial Dr
Bethalto Center
Bethalto, IL 62040
618/377-2700

CITY OF ALTON, ILLINOIS
SECTION 06 - 00208 - 02 - RP
CPL. CHRIS BELCHIK MEMORIAL EXPRESSWAY
PLAN EAST BROADWAY

DWG. NO.	PH III PLAN EAST BROADWAY 2.DWG
REF. BK.	INDIANA AVE.
JOB NO.	406365.1
DSN. BY:	DEG
DWN. BY:	CAD
CHK. BY:	DEG
DATE:	OCTOBER, 2006
SCALE:	1" = 20'
SHEET	17 OF 61

S:\Land Projects\Alton Indiana Ph III 406365.1\dwg\Ph III Plan East Broadway 2.dwg, 5/7/2007 11:05:14 AM, jimsch, 1:20