PROPOSED LEGEND:

SHOULDER RUMBLE STRIPS

CONSTRUCTION LIMITS

BUTT JOINT

RIPRAP CL A 3

STA 147+50/19.0 LT
MH TA 4', T1 F CL
RIM = 847.61
INV. = 844.62

SS, TYPE 1, RCP, CL 4, 12"
8' @ 1.0%
TBF = 0.5 CY

PRC FLAR END SEC, 12"
STA. 147+50, 24.4 LT
INV. = 844.54

PROPOSED HMA SHOULDERS, 8"

HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 - 1 3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 2 3/4"

TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)

SS, TYPE 1, RCP, CL 4, 12"
104' @ 0.5%
TBF = 11.3 CY

STA 148+54/19.0 LT
CB TC T20 F&G
RIM = 847.72
INV. = 845.14

BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)

WOVEN WIRE FENCE, 4'

PROPOSED HMA SHOULDERS, 6"

TEMPORARY EASEMENT

PROJECT BEGINS
STA 147+15.85

CONCRETE CURB, TYPE B - 5'

BRIDGE APPROACH PAVEMENT

BRIDGE STRUCTURE 056-3177

WATER EDGE

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)

PROPOSED HMA SHOULDERS, 8"

STA 150+41/19.0 LT
CB TC T20 F&G
RIM = 847.76
INV. = 845.18

TRAFFIC BARRIER TERMINAL, TYPE 6

CONCRETE CURB, TYPE B - 5'

SS, TYPE 1, RCP, CL 4, 12"
9' @ 1.0%
TBF = 0.5 CY

SS, TYPE 1, RCP, CL 4, 12"
109' @ 0.5%
TBF = 12.5 CY

PROPOSED HMA SHOULDERS, 6"

PRC FLAR END SEC, 12"
STA. 151+50, 28.0 LT
INV. = 844.54

STA 151+50/19.0 LT
MH TA 4', T1 F CL
RIM = 847.54
INV. = 844.64

PROJECT ENDS
STA 151+90.03

EX ROW

KISHWAUKEE VALLEY ROAD

℄ KISHWAUKEE VALLEY ROAD

2 @ 12' LANE LINES

35'

1' STUB

4'

+39.84 +51.67 +19.67 +59.01 +47.01 +22.67 +27.66 +47.66 +90.00 +58.44 +79.77 +76.58 +84.56 +52.75 +64.70 +43.44 +60.00

147+00 148+00 149+00 150+00 151+00 152+00

100.00

NOTE:

1. SEE DISTRICT 1 STANDARD BD-32 FOR BUTT JOINT AND BITUMINOUS TAPER DETAIL.
2. SEE DISTRICT 1 STANDARD BD-34 FOR STABILIZATION AT TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL).
3. SEE REMOVAL PLANS FOR REMOVAL ITEMS.
4. SEE STRUCTURAL SHEETS FOR BRIDGE APPROACH PAVEMENT, BRIDGE PLANS AND DETAILS.
5. 36 FOOT TRANSITION LENGTHS SHALL BE USED TO TRANSITION FROM A 2% SHOULDER CROSS SLOPE AT THE BRIDGE APPROACH SLAB TO A 4% CROSS SLOPE.
6. DRAINAGE STRUCTURE OFFSET AND ELEVATION TAKEN FROM THE CENTER OF THE FRAME AND GRATE.
7. SEE RIGHT-OF-WAY PLANS FOR TEMPORARY EASEMENT STATION AND OFFSETS.

PROPOSED HMA SHOULDERS, 6"

TRAFFIC BARRIER TERMINAL, TYPE 6

TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)

PROPOSED HMA SHOULDERS, 8"

SS, TYPE 1, RCP, CL 4, 12"
113' @ 0.5%
TBF = 7.4 CY

STA 147+50/18.0 RT
MH TA 4', T1 F CL
RIM = 847.62
INV. = 844.61

PRC FLAR END SEC, 12"
STA. 147+50, 26.0 RT
INV. = 844.53

SS, TYPE 1, RCP, CL 4, 12"
8' @ 1.0%
TBF = 0.5 CY

TRAFFIC BARRIER TERMINAL, TYPE 6

STA 148+63/19.0 RT
CB TC T20 F&G
RIM = 847.76
INV. = 845.17

CONCRETE CURB, TYPE B - 5'

KISHWAUKEE RIVER

WATER EDGE

STA 150+50/19.0 RT
CB TC T20 F&G
RIM = 847.69
INV. = 845.11

CONCRETE CURB, TYPE B - 5'

BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)

SS, TYPE 1, RCP, CL 4, 12"
100' @ 0.5%
TBF = 7.4 CY

WOVEN WIRE FENCE, 4'

PROPOSED HMA SHOULDERS, 8"

TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)

HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 - 1 3/4"

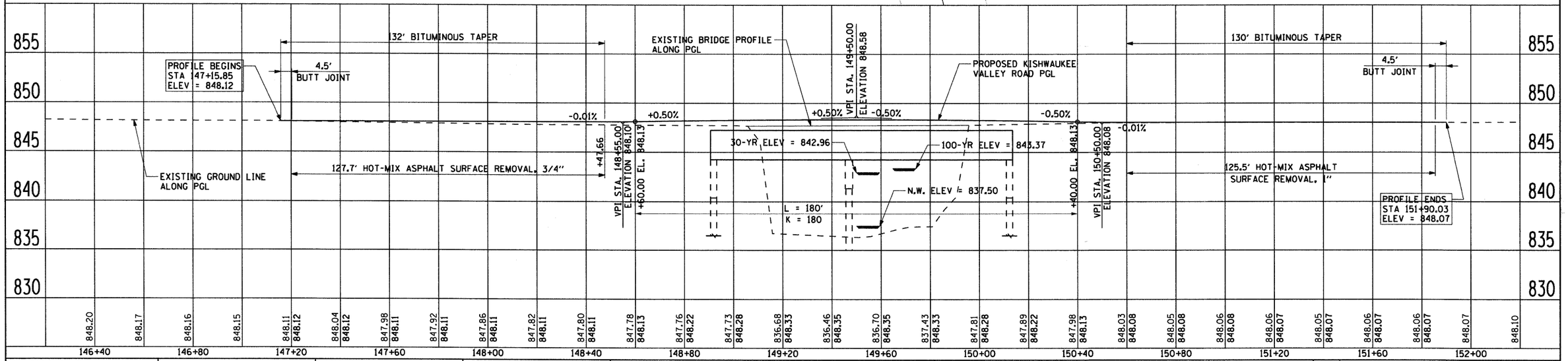
PRC FLAR END SEC, 12"
STA. 151+50, 28.0 RT
INV. = 844.52

SS, TYPE 1, RCP, CL 4, 12"
9' @ 1.0%
TBF = 0.5 CY

STA 151+50/19.0 RT
MH TA 4', T1 F CL
RIM = 847.58
INV. = 844.61

PROPOSED HMA SHOULDERS, 6"

WATER EDGE



USER NAME = holmann	DESIGNED - NJH	REVISED -	
FILE NAME = DI60095873-sht-plnprf.dgn	DRAWN - NJH	REVISED -	
PLOT SCALE = 20.00 ' / IN.	CHECKED - RMG	REVISED -	
PLOT DATE = 5/22/2009	DATE - MARCH 20, 2009	REVISED -	

AECOM

MCHENRY COUNTY
DIVISION OF TRANSPORTATION

PLAN AND PROFILE SHEET

SCALE: 1"=20' | SHEET NO. 1 OF 1 SHEETS | STA. 147+15.85 TO STA. 151+90.03

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0031	06-00323-00-BR	MCHENRY	53	12

CONTRACT NO. 63218

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, ELEVATIONS CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STA. LINE NOTATNS CHKD, BY, DATE