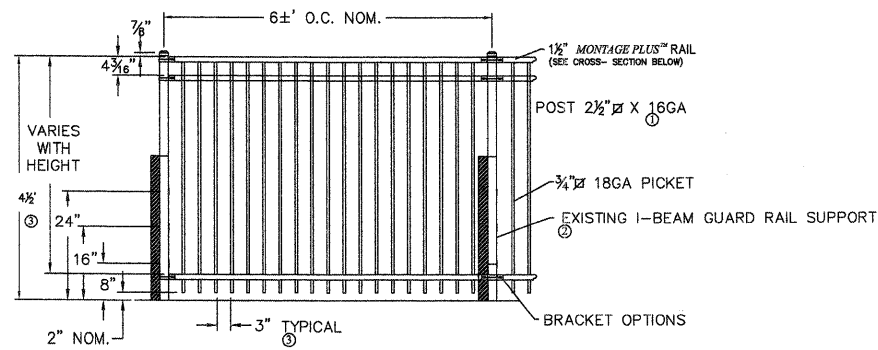


McDonald Creek- Camelot Connector Parkway
Guardrail and Post Aerial with Section Identification



PLAN	DATE
BY	
REVISIONS	
GRADES CHECKED	
STRUCTURE NOTATIONS CHYO	
NOTE BOOK NO.	

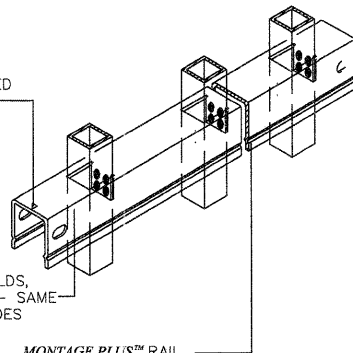
PROFILE	DATE
BY	
REVISIONS	
GRADES CHECKED	
STRUCTURE NOTATIONS CHYO	
NOTE BOOK NO.	



- NOTES:**
- 1.) POST SIZE DEPENDS ON FENCE HEIGHT AND WIND LOADS. SEE *MONTAGE PLUS™* SPECIFICATIONS FOR POST SIZING CHART.
 - 2.) POST TO BE MOUNTED TO THE EXISTING GUARD RAIL BY THREE (3) MONTAGE PLUS FLAT MOUNT U-BRACKETS (PART # BB111) PER POST. USE INCLUDED HARDWARE TO MAKE ALL CONNECTIONS. U-BRACKET AND ALL HARDWARE TO BE BLACK IN COLOR.
 - 3.) AVAILABLE IN 3" AIR SPACE AND/OR FLUSH BOTTOM ON MOST HEIGHTS.

RAKING DIRECTIONAL ARROW WELDED PANEL CAN BE RAKED 30" OVER 8" WITH ARROW POINTING DOWN GRADE.

PROFUSION™ WELDING PROCESS NO EXPOSED WELDS, GOOD NEIGHBOR PROFILE - SAME APPEARANCE ON BOTH SIDES

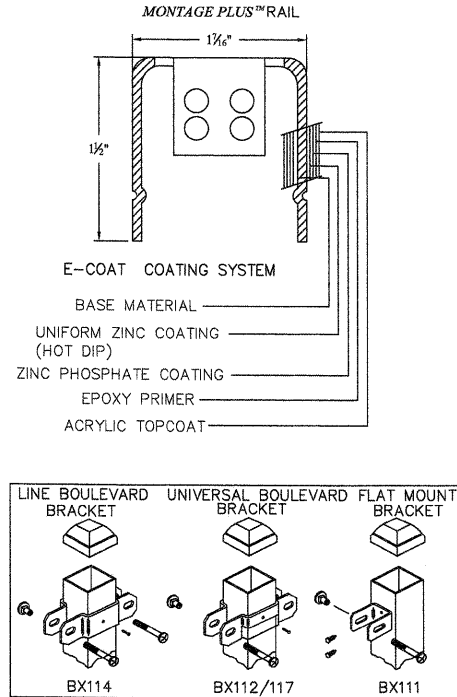


MONTAGE PLUS™ RAIL SPECIALLY FORMED HIGH STRENGTH ARCHITECTURAL SHAPE, OR APPROVED EQUAL

McDonald Creek- Camelot Connector Parkway	
Existing Dimensions between Guardrail I-Beam guardrail supports	
Section (from North to South)	Width between I-Beam guardrail supports
1	6' 2"
2	6' 5"
3	6' 1.5"
4	6' 0.5"
5	6' 3"
6	6' 2"
7	6' 3"
8	6' 4"
9	6' 4"
10	6' 2.5"
11	6' 4"
12	6' 2.5"
13	6' 4"
14	6' 2"
15	6' 3.5"
16	6' 4.5"
17	6' 1"
18	6' 3.5"
19	6' 3.5"
20	6' 3.5"
21	6' 2"
22	6' 2.5"
23	6' 4.5"
24	6' 0.5"
25	6' 3"
26	6' 4.5"
27	6' 0.5"
28	6' 4"
29	6' 4"
30	6' 2.5"
31	6' 0.5"
32	6' 6"
33	6' 1"
34	6' 4.25"
35	6' 3"
36	6' 3.5"
37	6' 0.5"
38	6' 5.25"
39	6' 1"
40	6' 3.5"

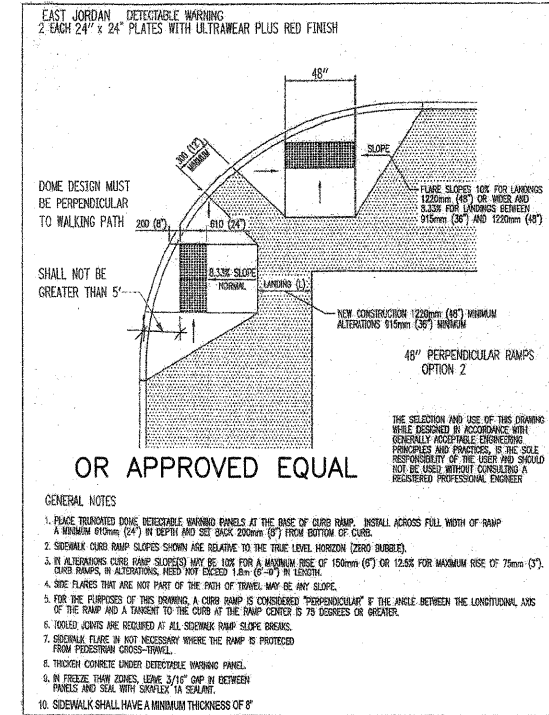
Existing Dimensions Continued	
Section (from North to South)	Width between I-Beam guardrail supports
41	6' 3"
42	6' 2.5"
43	6' 0.5"
44	6' 6.5"
45	6' 1"
46	6' 4"
47	6' 0"
48	6' 5.5"
49	6' 3.25"
50	6' 2.5"
51	6' 0"
52	6' 5.25"
53	6' 3.5"
54	6' 2"
55	6' 0.5"
56	6' 5.25"
57	6' 3"
58	6' 3.5"
59	6' 4.5"
60	6' 3"
61	6' 0.5"
62	6' 5.5"
63	6' 2"
64	6' 3"
65	6' 1"
66	6' 5.5"
67	6' 0"
68	6' 5.5"
TOTAL	425 L.F.

General Info:
70 I-Beam guardrail supports total
All I-Beam guardrail supports are approximately 32" in height (dependent upon grade)
Width Measurements taken from middle of I-Beam guardrail supports



VALUES SHOWN ARE NOMINAL AND NOT TO BE USED FOR INSTALLATION PURPOSES, SEE PRODUCT SPECIFICATION FOR INSTALLATION REQUIREMENTS.

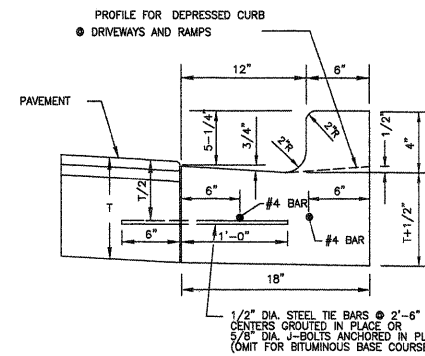
FENCE (SPECIAL) DETAIL



OR APPROVED EQUAL

- GENERAL NOTES:**
1. PLACE TRUNCATED DOME DETECTABLE WARNING PANELS AT THE BASE OF CURB RAMP. INSTALL ACROSS FULL WIDTH OF RAMP A MINIMUM 610mm (24") IN DEPTH AND SET BACK 200mm (8") FROM BOTTOM OF CURB.
 2. SIDEWALK CURB RAMP SLOPES SHOWN ARE RELATIVE TO THE TRUE LEVEL HORIZON (ZERO BUBBLE).
 3. IN ALTERNATION CURB RAMP SLOPES MAY BE 1:12 FOR A MAXIMUM RISE OF 150mm (6") OR 1:20 FOR MAXIMUM RISE OF 75mm (3"). CURB RAMP, IN ALTERNATION, NEED NOT EXCEED 1:4m (6'-0") IN LENGTH.
 4. SIDE FLARES THAT ARE NOT PART OF THE PATH OF TRAVEL MAY BE ANY SLOPE.
 5. FOR THE PURPOSES OF THIS DRAWING, A CURB RAMP IS CONSIDERED "PERPENDICULAR" IF THE ANGLE BETWEEN THE LONGITUDINAL AXIS OF THE RAMP AND A TANGENT TO THE CURB AT THE RAMP CENTER IS 75 DEGREES OR GREATER.
 6. JOINTS JOINTS ARE REQUIRED AT ALL SIDEWALK RAMP SLOPE BREAKS.
 7. SIDEWALK FLARE, IF NOT NECESSARY WHERE THE RAMP IS PROTECTED FROM PEDESTRIAN CROSS-TRAVEL.
 8. TYPICAL CONCRETE UNDER DETECTABLE WARNING PANEL.
 9. IN FREEZE THAW ZONES, LEAVE 3/16" GAP IN BETWEEN PANELS AND SEAL WITH GRAPEX IN SEALANT.
 10. SIDEWALK SHALL HAVE A MINIMUM THICKNESS OF 8"

DETECTABLE WARNINGS DETAIL



COMBINATION CONCRETE CURB AND GUTTER TYPE B (MODIFIED)

- NOTES:**
1. 2-#4 LONGITUDINAL BARS 20 FEET IN LENGTH WITH 12" OVERLAPS, AT 60" INTERVALS, EXCEPT AT EXPANSION JOINTS.
 2. EXPANSION JOINTS SHALL BE A MINIMUM OF 3/4" PREFORMED EXPANSION MATERIAL, AND SHALL BE PROVIDED WITH TWO 1" DIA. X 18" COATED SMOOTH DOWEL BARS FITTED WITH A CAP THAT WILL ALLOW A MINIMUM OF 1" OF EXPANSION.
 3. CONSTRUCTION JOINTS SHALL BE TEMPLATE FORMED OR SAW-CUT (WITHIN 24 HOURS OF PLACEMENT OF THE CURB) TO 1/5TH THE DEPTH OF THE GUTTER FLAG AT 10 FT. INTERVALS AT THE JOINTS IN AN ADJACENT CONCRETE PAVEMENT OR AT THE DIRECTION ON THE ENGINEER.
 4. THICKNESS OF THE CURB SHALL BE A MINIMUM OF 9".

T:\Bayside Advisory Commission\GMA\07-2010\McDonald Creek

FILE NAME = McDonald-Multi-Path-Detail2.dwg

USER NAME = chomuth
VIEWPORT NAME = FENCESH2
PLOT SCALE = 1" / IN.
PLOT DATE = Oct 24, 2011 - 4:01pm

DESIGNED - BS
DRAWN - CH
CHECKED - JM
DATE - 04/12/2011

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MC DONALD CREEK MULTI USE PATH
DETAILS**

SCALE: N.T.S. SHEET NO. OF SHEETS

F.A.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00196-00-BT	COOK	26	21
FED ROAD DIST NO. 1 ILLINOIS			FED. AID PROJECT	
			CONTRACT NO. 63624	