

**GENERAL NOTES:**

1. SEE DRAWING RD0N FOR CONSTRUCTION NOTES AND ADDITIONAL GENERAL NOTES.
2. SEE DETAILS ON DRAWING RD132 FOR SIGNAL BERM.
3. SEE DETAILS ON DRAWING RD132 FOR ACCESS PAD, MODIFIED CEMENT CONC. DRIVEWAY ENTRANCE, AND MOUNTABLE CEMENT CONCRETE TRAFFIC CURB AND GUTTER.
4. SEE DETAILS ON DRAWING RD132 FOR SIDEWALK AND SIDEWALK RAMP.
5. SEE GUARDRAIL DETAIL ON DRAWING RD0E119.

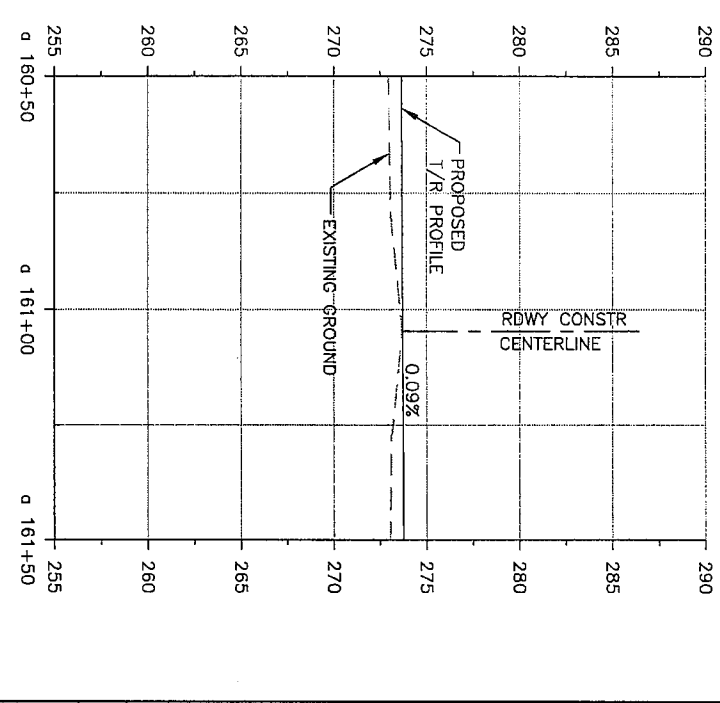
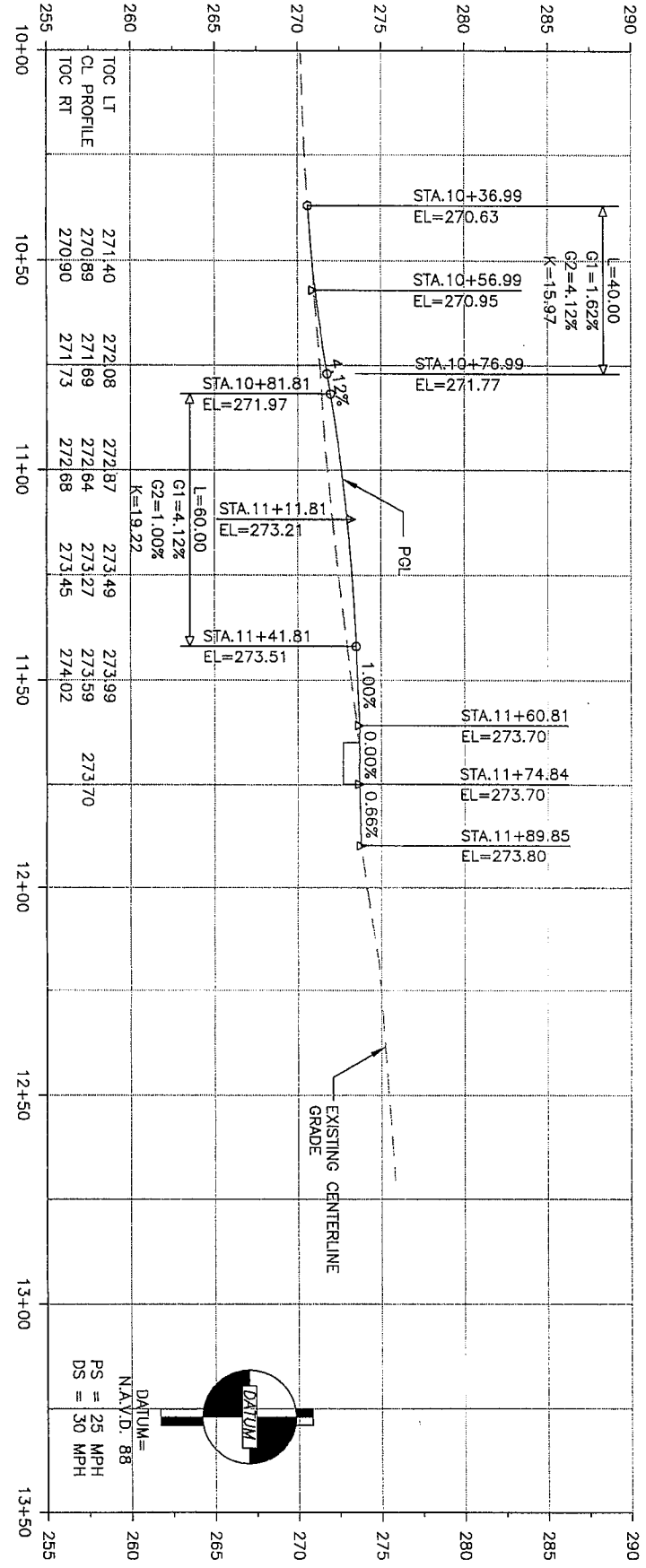
CURB RETURN 'A'	
FLOWLINE ELEVATIONS	
BEG. STA. 11+74.83 (25.22' LT)	273.68
1/4 STA. 11+91.32 (30.98' LT)	273.80
1/2 STA. 12+04.81 (42.06' LT)	274.10
3/4 STA. 12+13.68 (57.11' LT)	274.41
END STA. 12+16.83 (74.28' LT)	274.71
* EDGE OF PAVEMENT	
L = 70.21	

CURB RETURN 'B'	
TOP/CURB ELEVATIONS	
BEG. STA. 10+33.33 (34.19' RT)	270.41
1/4 STA. 10+39.39 (29.43' RT)	270.58
1/2 STA. 10+46.23 (25.90' RT)	270.79
3/4 STA. 10+53.62 (23.73' RT)	271.01
END STA. 10+61.28 (23.00' RT)	271.24
* EDGE OF PAVEMENT	
L = 30.85'	

CURB RETURN 'C'	
EDGE/PVMT ELEVATIONS	
BEG. STA. 11+74.85 (23.00' RT)	273.72
1/4 STA. 11+78.72 (23.26' RT)	273.72
1/2 STA. 11+82.55 (23.94' RT)	273.73
3/4 STA. 11+86.27 (25.05' RT)	273.73
END STA. 11+89.85 (26.56' RT)	273.73
* EDGE OF PAVEMENT	
L = 15.55'	

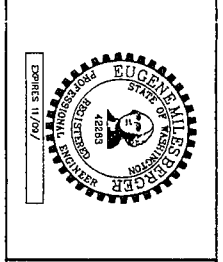


**NORTH THORNE LANE SW**  
SCALE (FULL SIZE): 1" = 20' HORIZ.  
1" = 5' VERT.

**MT 1 TRACK PROFILE**  
SCALE (FULL SIZE): 1" = 20' HORIZ.  
1" = 5' VERT.

FILE NAME	PD_RD127.dwg
TIME	11:51am
DATE	Jan 07, 2009
DESIGNED BY	ehberger
CHECKED BY	CR
PROJ. ENGR.	BB
REGIONAL ADM.	

REGION	STATE
10	WASH
JOB NUMBER	43088
CONTRACT NO.	RD127-16-08



Washington State  
Department of Transportation

SOUNDER COMMUTER RAIL, M STREET TO LAKEWOOD TRACK AND SIGNAL IMPROVEMENTS	RD127
NORTH THORNE LANE SW	SHEET
ROADWAY PLAN AND PROFILE	OF
	SHEETS

**ROADWAY CONSTRUCTION NOTES**


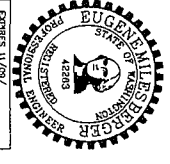


1. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER C.O.T. STD. PLAN NO. SU-03.
2. MODIFIED WSDOT CEMENT CONC. SIDEWALK FOR MEDIAN (PER DETAIL DRAWING RDDET113).
3. CEMENT CONCRETE SIDEWALK (PER C.O.T. STD. PLAN SU-04).
4. CONCRETE CROSSING PANELS WITH ELASTOMERIC FLANGE FILLER. SEE TRACK PLAN AND PROFILE DRAWINGS.
5. CROSSING SIGNAL EQUIPMENT. SEE GRADE CROSSING SIGNAL PLANS.
6. CEMENT CONCRETE TRAFFIC BARRIER CURB PER CITY OF LAKEWOOD STD. PLAN S-2F.
7. CEMENT CONCRETE SIDEWALK (PER CITY OF LAKEWOOD STD. PLAN S-2A).
8. TYPE D MOUNTABLE CEMENT CONCRETE CURB AND GUTTER PER C.O.T. STD. PLAN NO. SU-03. (NOT USED)
9. CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 2 PER C.O.T. STD. PLAN SU-08 MODIFIED WITH CURB AT BACK OF S/W. (SEE TYPICAL SECTIONS.)
10. CRUSHED SURFACING BASE COURSE (ACCESS PAD TO RAILROAD SIGNAL EQUIPMENT: 6" CSBC COMPACTED DEPTH OVER GRAVEL BORROW SUBGRADE).
11. 8" REINFORCED HEAVY DUTY SIDEWALK AND / OR DRIVEWAY PER DRAWING NO. RDDET01. (NOT USED)
12. REPLACE EXISTING CROSSING WITH 115# WOOD TIES. (NOT USED)
13. TYPE C PRECAST TRAFFIC CURB (PER WSDOT STD. PLAN F-2).
14. CEMENT CONCRETE TRAFFIC CURB PER C.O.T. STD. PLAN NO. SU-03.
15. CHAINLINK FENCE TYPE 3 (PER WSDOT STD. PLAN L-20.10-00). (NOT USED)
16. BEAM GUARDRAIL TYPE 1 PER WSDOT STD. PLAN NO. C-1.
17. (NOT USED)
18. (NOT USED)
19. (NOT USED)
20. CEMENT CONC. DRIVEWAY ENTRANCE-MODIFIED (PER DETAIL DRAWING RDDET114).
21. STATION/OFFSET LOCATION FOR DETECTABLE WARNING PATTERN. SEE DRAWINGS RDDET10 AND RDDET11.
22. CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER CITY OF LAKEWOOD STD. PLAN S-2F.
23. ADJUST UTILITY TO GRADE.
24. TYPICAL CURB AND GUTTER/SIDEWALK TRANSITION AT RAIL CROSSING (PER DETAIL DRAWING RDDET110).
25. CONSTRUCT A 3' WIDE DETECTABLE WARNING STRIP WITH TRUNCATED DOMES PER C.O.T. DEPT. OF PUBLIC WORKS STANDARD PLAN SU-05A. SEE DRAWING NO. RDDET01. (NOT USED)
26. CONSTRUCT SIDEWALK RAMP TYPE 2 PER C.O.T. STD. PLAN SU-05. (NOT USED)
27. CEMENT CONC. TRAFFIC CURB AND GUTTER PER WSDOT STD. PLAN F-10.12-00.
28. CEMENT CONC. SIDEWALK (PER WSDOT STD. PLAN F-30.10-00).
29. (NOT USED)
30. RECONSTRUCT DRIVEWAY IN KIND AS NOTED TO MATCH EXISTING. (NOT USED)
31. CEMENT CONC. SIDEWALK (PER CITY OF LAKEWOOD STD. PLAN S-2B).
32. CEMENT CONC. SIDEWALK RAMP TYPE 5 PER WSDOT STD. PLAN F-42.10-00.
33. (NOT USED)
34. (NOT USED)
35. TYPICAL CURB AND GUTTER TRANSITION AT RAIL CROSSING (PER DETAIL DRAWING RDDET110).
36. (NOT USED)
37. (NOT USED)
38. TYPICAL CURB AND GUTTER/PLANTER/SIDEWALK TRANSITION AT RAIL CROSSING (PER DETAIL DRAWING RDDET111).
39. REPLACE CONCENTRIC CONE WITH ECCENTRIC CONE, ADJUST TO GRADE AND ORIENT LID AWAY FROM CURB. (NOT USED)
40. TYPICAL DEPRESSED SIDEWALK AT RAIL CROSSING (PER DETAIL DRAWING RDDET111).
41. CONCRETE PAD FOR BUS STOP (PER DETAIL DRAWING RDDET112).

**ROADWAY CONSTRUCTION NOTES (CONT.)**

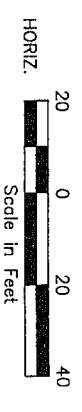
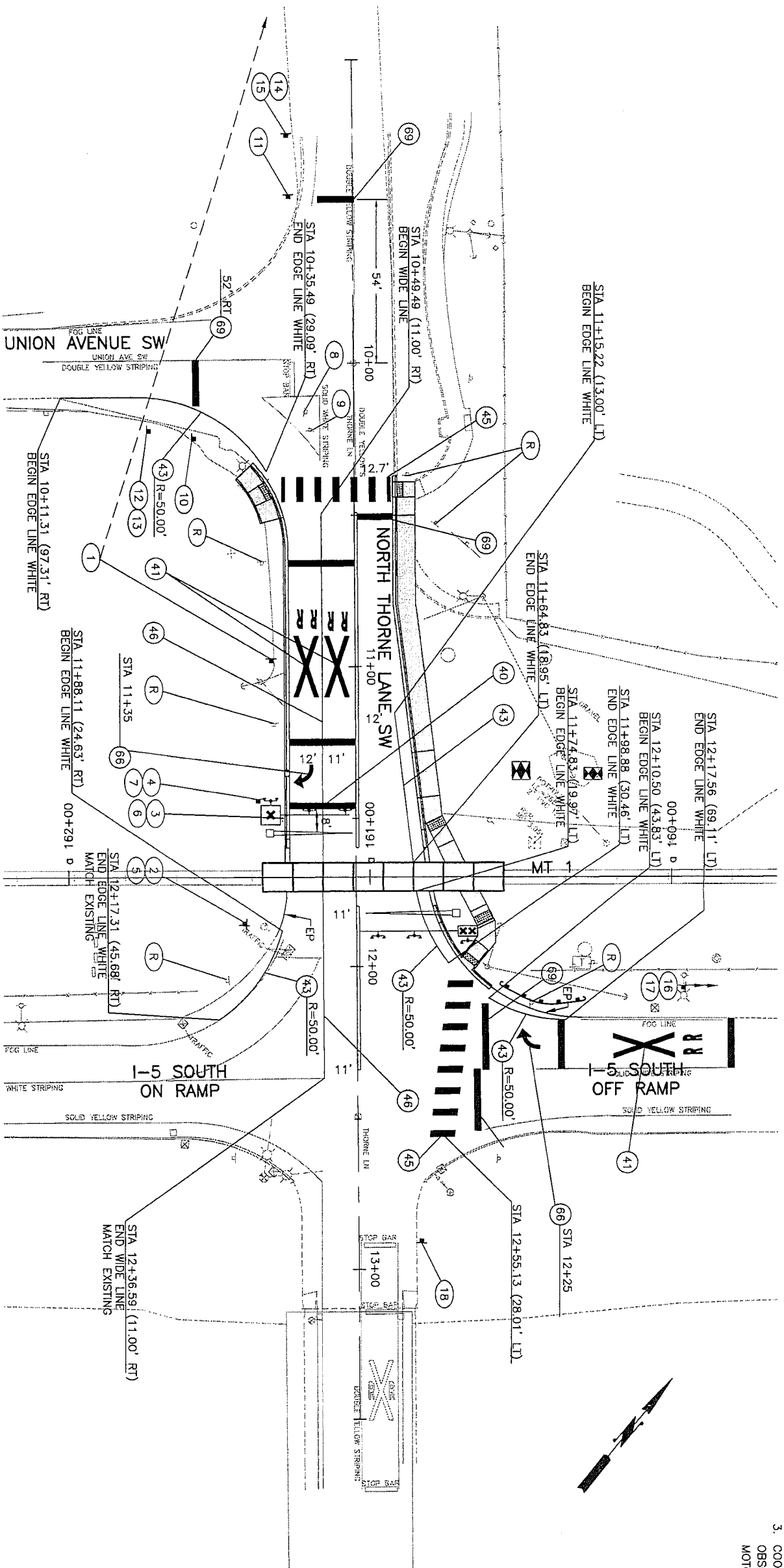
42. DUAL FACED CEMENT CONC. TRAFFIC CURB (PER WSDOT STD. PLAN F-10.12-00).
43. (NOT USED)
44. (NOT USED)
45. (NOT USED)
46. HMA CURB (PER DETAIL DRAWING RDDET113).
47. (NOT USED)
48. SIDEWALK RAMP TYPE 2 PER CITY OF LAKEWOOD STD. PLAN S-3B.
49. (NOT USED)
50. HMA SIDEWALK RAMP (PER DETAIL DRAWING RDDET113).
51. CURB AND GUTTER TRANSITION TO HMA CURB (PER DETAIL DRAWING RDDET113).
52. CEMENT CONCRETE SIDEWALK RAMP TYPE 2 MODIFIED (PER DETAIL DRAWING RDDET110).
53. (NOT USED)
54. MOUNTABLE CEMENT CONCRETE TRAFFIC CURB AND GUTTER (PER DETAIL DRAWING RDDET114).
55. (NOT USED)
56. CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 1 (PER C.O.T. STD. PLAN NO. SU-07).
57. (NOT USED)
58. CEMENT CONC. SIDEWALK RAMP TYPE 3B PER WSDOT STD. PLAN F-40.15-00.
59. STORMWATER CURB BREAK (PER DETAIL DRAWING RDDET112).
60. (NOT USED)
61. CEMENT CONC. TRAFFIC CURB (PER WSDOT STD. PLAN F-10.12-00).
62. PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PER WSDOT STD. PLAN F-10.64-01).
63. (NOT USED)
64. BEAM GUARDRAIL ANCHOR TYPE 1 (PER WSDOT STD. PLAN C-6 WITH END SECTION DESIGN C PER WSDOT STD. PLAN C-7).
65. CHAIN LINK FENCE TYPE 4 (PER WSDOT STD. PLAN L-20.10-00) WITH VINYL COATING.

**GENERAL NOTES - ROADWAY CONSTRUCTION**

1. SEE UTILITY RELOCATION AND PROTECTION PLANS FOR STORM DRAINAGE, MISC. CONDUIT AND CASING INSTALLATION.
2. SEE SHEETS RDAL121-RDAL125 FOR ROADWAY MEDIAN DETAILS.
3. SEE SHEETS ROTS110-ROTS128 FOR PAVEMENT SECTIONS.
4. CURB AND CURB AND GUTTER DEFINED BY FACE OF CURB UNLESS OTHERWISE NOTED. ALL ELEVATIONS ARE PROVIDED AT TOP OF CURB UNLESS OTHERWISE NOTED AND DO NOT REFLECT CURB CUTS OR SIDEWALK RAMPS.
5. ALL CURB RETURN ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED. AT CURB CUT RAMPS, CURB RETURN ELEVATIONS ARE INDICATED AT A POINT 6" ABOVE GUTTER FLOWLINE UNLESS OTHERWISE NOTED.
6. ALL UNITS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
7. DRIVEWAYS ARE STATIONED AT CENTERLINE OF DRIVEWAY.
8. STORMWATER CURB BREAKS ARE STATIONED AT CENTERLINE OF STORMWATER CURB BREAK.

FILE NAME	PD_RDCN.dwg	REGION	STATE					SOUNDER COMMUTER RAIL, M STREET TO LAKEWOOD TRACK AND SIGNAL IMPROVEMENTS ROADWAY CONSTRUCTION NOTES	RDCN SHEET OF SHEETS
TIME	11:59am	NO.	WASH						
DATE	Jan 07, 2009	10							
DESIGNED BY	RDH	JOB NUMBER	43068						
CHECKED BY	XXX	CONTRACT NO.	RTA/cr 16-08						
PROJ. ENGR.		REVISION	DATE	BY					

- GENERAL NOTES:**
1. SEE DRAWING RDCHN FOR CHANNELIZATION NOTES AND ADDITIONAL GENERAL NOTES.
  2. SEE DRAWING RDS1138 FOR SIGN SCHEDULE AND RDS110A FOR NOTES.
  3. COORDINATE SIGN LOCATIONS IN FIELD TO AVOID OBSCURING RAILROAD WARNING LIGHTS FROM MOTORISTS' VIEW.




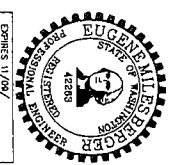



FILE NAME	PD_RDCH115.dwg	REGION	STATE					SOUNDER COMPUTER RAIL, M STREET TO LAKEWOOD TRACK AND SIGNAL IMPROVEMENTS NORTH THORNE LANE SW CHANNELIZATION AND SIGNING PLAN	RDCH115 SHEET OF SHEETS
TIME	11:43am	NO.	WASH						
DATE	Jan 07, 2009	JOB NUMBER	43088				SOUNDER COMPUTER RAIL, M STREET TO LAKEWOOD TRACK AND SIGNAL IMPROVEMENTS NORTH THORNE LANE SW CHANNELIZATION AND SIGNING PLAN	RDCH115 SHEET OF SHEETS	
DESIGNED BY	ehberger	CONTRACT NO.	RTA/CP 16-08						
PLOTTED BY	ehberger	DATE							
ENTERED BY	RDH								
CHECKED BY	CR								
PROJ. ENGR.	BB								
REGIONAL ADM.									

**(X) ROADWAY CHANNELLIZATION NOTES**

14. PAINTED TWO WAY LEFT TURN STRIP WITH RAISED PAVEMENT MARKERS PER C.O.T. CHANNELLIZATION DETAILS, RAISED PAVEMENT MARKERS AND PAINT STRIPING STD. PLAN.
15. PAINTED 4" LANE STRIPE WITH RAISED PAVEMENT MARKERS PER C.O.T. CHANNELLIZATION DETAILS, RAISED PAVEMENT MARKERS AND PAVEMENT STRIPING STD. PLAN.
21. PLASTIC PAVEMENT "ONLY" PER C.O.T. PLASTIC PAVEMENT "ONLY" STD. PLAN.
22. THERMOPLASTIC TRAFFIC ARROW PER C.O.T. TYPICAL THERMOPLASTIC TRAFFIC ARROW STD. PLAN.
40. PLASTIC TYPE D STOP BAR PER WSDOT STD. PLAN M-11.10-01.
41. PLASTIC TYPE D RAILROAD CROSSING SYMBOL PER WSDOT STD. PLAN M-11.10-01, WITH EXCEPTIONS TO STANDARD LAYOUT DIMENSIONS AS NOTED IN PLAN VIEW.
42. PLASTIC TYPE D EDGE LINE YELLOW PER WSDOT STD. SPECIFICATIONS.
43. PLASTIC TYPE D EDGE LINE WHITE PER WSDOT STD. SPECIFICATIONS.
44. CITY OF LAKEWOOD DURABLE MARKING TRAFFIC ARROW TYPE 2SR PER WSDOT STD. PLAN M-24.40-01.
45. PLASTIC TYPE D CROSSWALK LINE PER WSDOT STD. PLAN M-15.10-01.
46. PLASTIC TYPE D WIDE LINE PER WSDOT STD. SPECIFICATIONS.
47. PLASTIC TYPE D DOUBLE YELLOW CENTER LINE PER WSDOT STD. SPECIFICATIONS.
48. PLASTIC TYPE D LANE LINE PER WSDOT STD. SPECIFICATIONS.
49. CITY OF LAKEWOOD DURABLE MARKING RAILROAD CROSSING SYMBOL PER WSDOT STD. PLAN M-11.10-01, WITH EXCEPTIONS TO STANDARD LAYOUT DIMENSIONS AS NOTED IN PLAN VIEW.
50. CITY OF LAKEWOOD DURABLE MARKING STOP BAR PER WSDOT STD. PLAN M-11.10-01.
51. CITY OF LAKEWOOD DURABLE MARKING TRAFFIC ARROW TYPE 2SL PER WSDOT STD. PLAN M-24.40-01.
52. CITY OF LAKEWOOD DURABLE MARKING TRAFFIC LETTERS "ONLY", DIMENSIONS PER WSDOT STD. SPECIFICATIONS.
53. CITY OF LAKEWOOD DURABLE MARKING EDGE LINE YELLOW, DIMENSIONS PER WSDOT STD. SPECIFICATIONS.
54. CITY OF LAKEWOOD DURABLE MARKING 24" STOP BAR PER CITY OF LAKEWOOD STD. PLAN CH-1.
55. (NOT USED)
56. PLASTIC TYPE D TRAFFIC LETTERS "ONLY" PER WSDOT STD. SPECIFICATIONS.
57. CITY OF LAKEWOOD DURABLE MARKING BICYCLE LANE SYMBOL PER WSDOT STD. PLAN M-9.50-01.
58. CITY OF LAKEWOOD DURABLE MARKING EDGE LINE WHITE, DIMENSIONS PER WSDOT STD. SPECIFICATIONS.
59. CITY OF LAKEWOOD DURABLE MARKING WIDE LINE, DIMENSIONS PER WSDOT STD. SPECIFICATIONS.
60. CITY OF LAKEWOOD DURABLE MARKING DOUBLE YELLOW CENTER LINE, DIMENSIONS PER WSDOT STD. SPECIFICATIONS.
61. (NOT USED)
62. RAISED PAVEMENT MARKER TYPE 1Y DOUBLE YELLOW CENTER LINE PER WSDOT STD. PLAN M--20.50-01.
63. RAISED PAVEMENT MARKER TYPE 1W AND LANE LINE PER DETAIL SHEET RDDET112.
64. RAISED PAVEMENT MARKER TYPE 1Y AND TWO WAY LEFT TURN LINE PER DETAIL SHEET RDDET112.
65. PLASTIC TYPE D TRAFFIC ARROW TYPE 6SL. DIMENSIONS PER WSDOT STD. PLAN M-24.40.01.
66. PLASTIC TYPE D TRAFFIC ARROW TYPE 2SR PER WSDOT STD. PLAN M-24.40-01.
67. CITY OF LAKEWOOD DURABLE MARKING CROSSWALK PER CITY OF LAKEWOOD STD. PLAN CH-1.
68. CITY OF LAKEWOOD DURABLE MARKING LANE LINE PER SPECIFICATION SECTION 01900, REVISIONS TO WSDOT STD. SPECIFICATION 8-22 AND 9-34. DIMENSIONS PER WSDOT STD. SPECIFICATIONS.
69. PLASTIC TYPE D STOP LINE PER WSDOT STD. PLAN M-15.10-01.
70. PAINT TOP AND EXPOSED SIDES CURB YELLOW, WITH GLASS BEADS, PER SPECIFICATION SECTION 01900.
71. PAINTED ACCESS PARKING SPACE SYMBOL PER WSDOT STD. SPECIFICATIONS.
72. PAINT LINE EDGE LINE WHITE PER WSDOT STD. SPECIFICATIONS.
73. WHEEL STOP (PER WSDOT STD. PLAN M-17.10-00).

**GENERAL NOTES — ROADWAY CHANNELLIZATION**

1. ALL UNITS ARE IN FEET UNLESS OTHERWISE SPECIFIED.

FILE NAME	PD_RDCHCN.dwg	REGION	STATE				Washington State Department of Transportation	SOUNDER COMMUTER RAIL, M STREET TO LAKEWOOD TRACK AND SIGNAL IMPROVEMENTS	RDCHCN
TIME	11:46am	NO.	WASH						
DATE	Jan 07, 2009	10						ROADWAY CHANNELLIZATION NOTES	SHEET
PLOTTED BY	eberger								
DESIGNED BY	RDH								OF
CHECKED BY	XXX								SHEETS
PROJ. ENGR.									
REGIONAL ADM.		REVISION	DATE	BY					