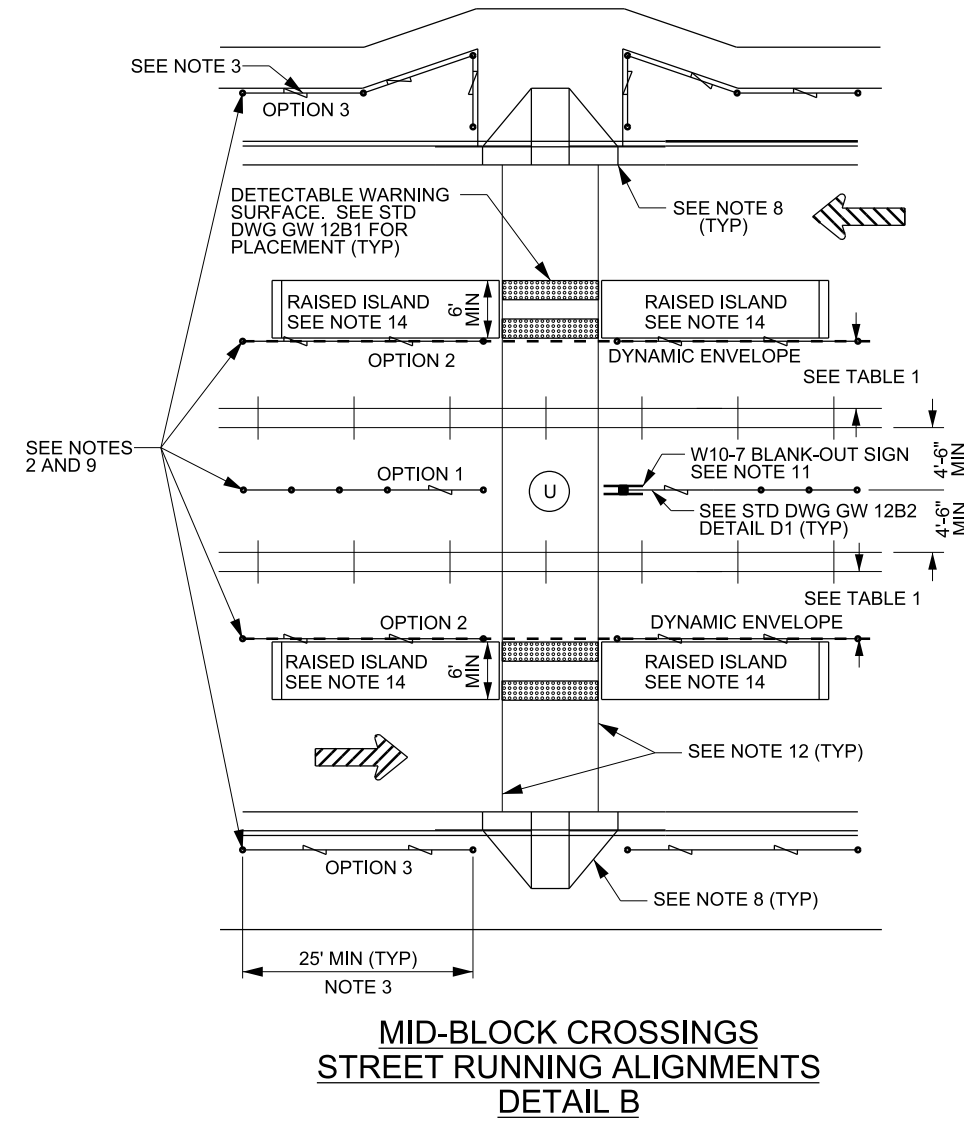


**MID-BLOCK STATION ACCESS
STREET RUNNING ALIGNMENTS
DETAIL A**
SEE NOTE 3



**MID-BLOCK CROSSINGS
STREET RUNNING ALIGNMENTS
DETAIL B**
SEE NOTE 3

TABLE 1	
DYNAMIC ENVELOPE WIDTH	
VEHICLE TYPE	WIDTH*
LIGHT RAIL/TROLLEY ONLY	4'-6"
SHARED USE	6'-0"
HEAVY RAIL	6'-0"

* MEASURED FROM EDGE OF NEAREST RAIL

LEGEND:

- CHANNELIZING FENCE/BARRIER OR CHANNELIZING LANDSCAPING SEE STD DWG GW 12B2 DETAILS D1, D2, AND E
- CHANNELIZING FENCE/BARRIER SEE STD DWG GW 12B2 DETAILS D1 AND D2
- UNSIGNALIZED INTERSECTION

NOTES:

1. DEFINITIONS:
 - A. STREET RUNNING ALIGNMENT - A RAILROAD ALIGNMENT IN WHICH TRAINS OPERATE IN MIXED TRAFFIC WITH ALL TYPES OF ROAD USERS. THE ALIGNMENT IS TYPICALLY SEPARATED FROM TRAFFIC BY A CURB OR STRIPING.
 - B. SEMI-EXCLUSIVE ALIGNMENT - A RAILROAD ALIGNMENT THAT IS IN A SEPARATE RIGHT-OF-WAY OR ALONG A ROADWAY WHERE MOTOR VEHICLES, PEDESTRIANS, AND BICYCLES HAVE LIMITED ACCESS AND CROSS AT DESIGNATED LOCATIONS ONLY. THE ALIGNMENT IS TYPICALLY SEPARATED BY FENCING OR BARRIERS BETWEEN CROSSINGS.
 - C. DYNAMIC ENVELOPE - THE CLEARANCE REQUIRED FOR THE TRAIN OR LIGHT RAIL TRANSIT EQUIPMENT OVERHANG.
 - D. SIDEWALK - THAT PORTION OF A STREET BETWEEN THE CURB LINE OR THE LATERAL LINE OF A ROADWAY AND THE ADJACENT PROPERTY LINE THAT IS PAVED OR IMPROVED AND INTENDED FOR USE BY PEDESTRIANS.
 - E. PATHWAY - A PUBLIC WAY OUTSIDE OF THE TRAVELED WAY AND PHYSICALLY SEPARATED FROM THE ROADWAY BY OPEN SPACE OR BARRIER. PATHWAYS DO NOT INCLUDE SIDEWALKS.
 - F. PEDESTRIAN ACCESS ROUTE - EITHER A SIDEWALK OR A PATHWAY.
2. PLACE CHANNELIZING FENCE/BARRIER WHEN USED ACCORDING TO OPTION 1 UNLESS SITE SPECIFIC CONDITIONS SUCH AS RIGHT-OF-WAY AVAILABILITY, CHANNELIZATION TYPE, OR SIGHT DISTANCE REQUIRE ALTERNATE PLACEMENT. CONSTRUCT FENCING A MINIMUM OF 25 FT PARALLEL TO THE TRACKS.
3. PLACE CHANNELIZING FENCE/BARRIER 18 INCHES FROM THE FACE OF CURB OR ADJACENT TO THE SIDEWALK WHICHEVER PROVIDES GREATER CLEARANCE FOR ROAD USERS WHEN CHANNELIZING FENCE/BARRIER RUNS PARALLEL TO THE ROADWAY.
4. DO NOT OBSTRUCT SIGHT DISTANCE WITH FENCING OR BARRIERS. USE A CHANNELIZING FENCE/BARRIER WITH A MINIMUM HEIGHT OF 42" AND A MAXIMUM HEIGHT OF 43 INCHES WHEN NEAR GRADE CROSSINGS.
5. PROVIDE DENSE LANDSCAPING WHEN USED IN PLACE OF CHANNELIZING FENCING/BARRIER TO RESTRICT PEDESTRIANS FROM USING LOCATIONS OTHER THAN PEDESTRIAN ACCESSES.
6. ADJUST CHANNELIZATION AND BARRIER LAYOUT FROM THE LAYOUT SHOWN ON THIS DRAWING AS NECESSARY BASED ON SITE SPECIFIC SITUATIONS WHILE MAINTAINING COMPLIANCE WITH THE MINIMUMS SHOWN.
7. PLACE THE DETECTABLE WARNING SURFACE ACCORDING TO STD DWG GW 12B1, DETAILS A AND B, FOR LOCATIONS OTHER THAN EMERGENCY EXIT SWING GATES, AUTOMATIC VEHICLE GATES, OR ROADWAY/PEDESTRIAN FLASHING-LIGHT SIGNALS.
8. SEE STD DWG GW 5 SERIES FOR PEDESTRIAN RAMP DETAILS.
9. INSTALL CHANNELIZING FENCE/BARRIER WITH A R15-8 LOOK SIGN ACCORDING TO STD DWG GW 12B2 DETAIL D1 UNLESS SIGHT DISTANCE RESTRICTIONS NECESSITATE W10-7 BLANK-OUT SIGNS. INSTALL CHANNELIZING FENCE/BARRIER ACCORDING TO DETAIL C ON THIS SHEET IF W10-7 BLANK-OUT SIGNS ARE REQUIRED.
10. INSTALL CHANNELIZING FENCE/BARRIER WITH A R15-8 LOOK SIGN ACCORDING TO STD DWG GW 12B2 DETAIL D2 UNLESS SIGHT DISTANCE RESTRICTIONS NECESSITATE W10-7 BLANK-OUT SIGNS. INSTALL CHANNELIZING FENCE/BARRIER ACCORDING TO DETAIL A ON THIS SHEET IF BLANK-OUT SIGNS ARE REQUIRED.
11. INSTALL W10-7 BLANK OUT SIGN ACCORDING TO STD DWG GW 12A1, DETAIL B.
12. SEE STD DWG ST 4 FOR CROSSWALK MARKING DETAILS.
13. SEE STD DWG GW 5C, MEDIAN BREAK EXAMPLE, FOR PEDESTRIAN REFUGE DETAILS.
14. SEE STD DWG GW 1B FOR RAISED ISLAND AND PLOWABLE END SECTION DETAILS.

SUPPLEMENTAL DRAWING

REVISIONS			
NO.	DATE	APPR.	REMARKS
1	04/25/2013	JLL	NEW DRAWING.

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL
Randy R. Rankin
CHAIRMAN STANDARDS COMMITTEE

APR. 25 2013
DATE

APR. 25 2013
DATE

DEPUTY DIRECTOR

**PEDESTRIAN CONTROLS
STREET RUNNING
RAILROAD ALIGNMENT
UNSIGNALIZED
INTERSECTIONS**

STANDARD DRAWING TITLE

STD. DWG. NO.
GW 12E

D:\N File\1\Standard\Drawings\Imp\err\1\2012\Approved\Issues\Supp\Approved\GW12E.dgn 09-MAY-2013