PEDESTRIAN CROSSING INVENTORY SURVEY AND AS-BUILT TYPE SUMMARY

TYPE "A" - DUAL PERPENDICULAR, AT CORNER

TYPE "B" - SINGLE PERPENDICULAR AT MID-BLOCK OR CORNER

TYPE "C" - SINGLE PARALLEL AT BACK OF CURB

TYPE "D" - SINGLE PARALLEL AT MID-BLOCK OR CORNER

TYPE "E" - DUAL PARALLEL, AT CORNER

TYPE "F" - NON-COMPLIANT DUAL PARALLEL, AT CORNER (Ramp and Turning Space Locations are Wrong - AKA "Flipped". Existing Inventory only - No new As-Built condition should exist.)

TYPE "M" - DOUBLE PERPENDICULAR THROUGH MEDIAN
Note: If median is less than 6' wide, no domes required.

TYPE "E1" TYPE "E2"

OK IF 1 LONG TURNING SPACE WITH NO RAMPS

TYPE "R" - RURAL CROSSING
Crossing with 1 or more ramp intersecting a rural cross-section (no curb & gutter), regardless of the configuration. If the "ramp" running slope changes direction, measure as two ramps.

Ramps that do not meet any of the above situations: measure as possible & attach a photo &/or sketch to be reviewed individually.

TYPE "X" - UNIQUE CONFIGURATION

PEDESTRIAN CROSSING LEGEND
"RAMP"
CONTROLLED CROSSING:
CS: 0.1% - 2.0%, RS: 0.1% - 8.3%
NON-CONTROLLED CROSSING:
CS: 0.1% - 5.0%, RS: 0.1% - 8.3%

"TURNING SPACE"
CS: 0.1% - 2.0%, RS: 0.1% - 2.0%
PEDESTRIAN RAMP LEGEND

"RAMP"
Controlled Crossing:
CS: 0.1% - 2.0%, RS: 0.1% - 8.3%
Non-Controlled Crossing:
CS: 0.1% - 5.0%, RS: 0.1% - 8.3%

"TURNING SPACE"
CS: 0.1% - 2.0%, RS: 0.1% - 2.0%

Comments:
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

LEFT RAMP A

Left Ramp Crossing Control = ______________________ Stop / Yield / Signal / None
LRCa = Left Ramp Cross Slope (%) = ______________________
LRCa Width (FT) = ______________________
LSS = Left Special Shaping Length (FT) = ______________________
LRRa1 = Left Ramp1 Running Slope (%) = ______________________
LRRa2 = Left Ramp2 Running Slope (%) = ______________________

Does it have a Receiving Ramp? ______________________ Yes / No
Does a Trip Hazard Exist? ______________________ Yes / No

RIGHT RAMP A

Right Ramp Crossing Control = ______________________ Stop / Yield / Signal / None
RRCa = Right Ramp Cross Slope (%) = ______________________
RRCa Width (FT) = ______________________
RSS = Right Special Shaping Length (FT) = ______________________
RRRa1 = Right Ramp1 Running Slope (%) = ______________________
RRRa2 = Right Ramp2 Running Slope (%) = ______________________

Does it have a Receiving Ramp? ______________________ Yes / No
Does a Trip Hazard Exist? ______________________ Yes / No

TRUNCATED DOMES

Are Truncated Domes at the BOC? ______________________ Yes / No
Are Truncated Domes across Full Width? ______________________ Yes / No
Are Truncated Domes Compliant? ______________________ Yes / No
Dome Color per City Supplemental Specs? ______________________ Yes / No

TURNING SPACE DETAILS

Does a Trip Hazard Exist? ______________________ Yes / No
TS1 = Left Ramp Edge (%) = ______________________
TS1 Width (FT) = ______________________
TS2 = Right Ramp Edge (%) = ______________________
TS2 Width (FT) = ______________________
TS3 = Right Tie-In Edge (%) = ______________________
TS3 Width (FT) = ______________________
TS4 = Left Tie-In Edge (%) = ______________________
TS4 Width (FT) = ______________________
RIGHT RAMP A
Right Ramp Crossing Control = ___________ 
RRCa = Right Ramp Cross Slope (\%) = ___________ 
RRCa Width (FT) = ___________ 
RSS = Right Special Shaping Length (FT) = ___________ 
RR_Street Running Slope (\%) = ___________ 
RRa1 = Right Ramp 1 Running Slope (\%) = ___________ 
RRa2 = Right Ramp 2 Running Slope (\%) = ___________ 
Does it have a Receiving Ramp? Yes / No 
Does a Trip Hazard Exist? Yes / No

TRUNCATED DOMES
Are Truncated Domes at the BOC? Yes / No 
Are Truncated Domes across Full Width? Yes / No 
Are Truncated Domes Compliant? Yes / No 
Dome Color per City Supplemental Specs? Yes / No

TURNING SPACE DETAILS
Does a Trip Hazard Exist? Yes / No 
TS1 = Left Ramp Edge (\%) = ___________ 
TS1 Width (FT) = ___________ 
TS2 = Right Ramp Edge (\%) = ___________ 
TS2 Width (FT) = ___________ 
TS3 = Right Tie-In Edge (\%) = ___________ 
TS3 Width (FT) = ___________ 
TS4 = Left Tie-In Edge (\%) = ___________ 
TS4 Width (FT) = ___________ 

NOTES:
1. When only a single crossing, consider the ramp a "Right Ramp".
2. For Mid-block crossings, RRC Cross Slope can match the RR_Street Running Slope when there is no crossing control or the crossing is signalized. If a situation like this exists where RRC is > 5%, explain in the comments.
3. RSS (Right Ramp Special Shaping Length) would equal zero unless on a radius. When along a radius, RSS is the maximum distance from the front of truncated domes to the back of curb.
PEDESTRIAN CROSSING AS-BUILT RECORD - TYPE 'C'

DUAL PARALLEL AT BACK OF CURB (URBAN)

DEPARTMENT OF
PUBLIC WORKS
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DIVISION OF
ENGINEERING

Project Name: ____________________________ Project Type: CIP / Developer / Other / Unknown
Project No.: ____________________________ Construction Yr: ____________________________
As-Built By: __________ Date: ____________

Project Type: ____________________________ Crossing Status: ____________________________
                         Compliant / Non-Compliant / Non-Compliant with Justification / TBD
                         (If Justification exists, attach details)

Notes:
1. Crossing control does not change anything for this type of crossing. Even when it is a mid-block crossing, the bottom cross-slope must be < 2% since it also acts as the turning space. It is not allowed to go up to 5% like a perpendicular ramp would be able to.
2. SSL (Special Shaping Length) would equal zero unless on a radius. When along a radius, SSL is the maximum distance from the front of truncated domes to the back of curb.

LEFT RAMP A
LRC a = Left Ramp Cross Slope (%) =
LRCa Width (FT) =
LRRa1 = Left Ramp1 Running Slope (%) =
LRRa2 = Left Ramp2 Running Slope (%) =
Does a Trip Hazard Exist? ________________ Yes / No

RIGHT RAMP A
RRCa = Right Ramp Cross Slope (%) =
RRCa Width (FT) =
RRRa1 = Right Ramp1 Running Slope (%) =
RRRa2 = Right Ramp2 Running Slope (%) =
Does a Trip Hazard Exist? ________________ Yes / No

TRUNCATED DOMES
Are Truncated Domes at the BOC? ________________ Yes / No
Are Truncated Domes across Full Width? ________________ Yes / No
Are Truncated Domes Compliant? ________________ Yes / No
Dome Color per City Supplemental Specs? ________________ Yes / No

COMMENTS: ________________________________________________________________
______________________________________________________________
______________________________________________________________
______________________________________________________________
______________________________________________________________

TURNING SPACE DETAILS
Does a Trip Hazard Exist? ________________ Yes / No
TS1 = Left Ramp Edge Slope (%) =
TS1 Width (FT) =
TS2 = Right Ramp Edge Slope (%) =
TS2 Width (FT) =
TS3 = Right Tie-In Edge Slope (%) =
TS3 Width (FT) =
TS4 = Left Tie-In Edge Slope (%) =
TS4 Width (FT) =
Crossing Control = ________________
                       Stop / Yield / Signal / None
Does it have a Receiving Ramp? ________________ Yes / No
SSL = Special Shaping Length (FT) =

SSL (Special Shaping Length) would equal zero unless on a radius. When along a radius, SSL is the maximum distance from the front of truncated domes to the back of curb.
Notes:
1. When only a single crossing, consider the ramp a "Right Ramp".
2. Crossing control does not change anything for this type of crossing. Even when it is a mid-block crossing, the bottom cross-slope must be < 2% since it also acts as the turning space. It is not allowed to go up to 5% like a perpendicular ramp would be able to.
3. SSL (Special Shaping Length) would equal zero unless on a radius. When along a radius, SSL is the maximum distance from the front of truncated domes to the back of curb.
PEDESTRIAN CROSSING AS-BUILT RECORD - TYPE 'E1'

DUAL PARALLEL AT CORNER (URBAN)

PEDESTRIAN RAMP LEGEND

"RAMP"
Controlled Crossing:
CS: 0.1% - 2.0%, RS: 0.1% - 8.3%
Non-Controlled Crossing:
CS: 0.1% - 5.0%, RS: 0.1% - 8.3%

"TURNING SPACE"
CS: 0.1% - 2.0%, RS: 0.1% - 2.0%

LEFT RAMP A
LRCa = Left Ramp Cross Slope (%) =
LRCa Width (FT) =
LRRa1 = Left Ramp1 Running Slope (%) =
LLRa2 = Left Ramp2 Running Slope (%) =
Does a Trip Hazard Exist? Yes / No

RIGHT RAMP A
RRCa = Right Ramp Cross Slope (%) =
RRCa Width (FT) =
RRRa1 = Right Ramp1 Running Slope (%) =
RRRa2 = Right Ramp2 Running Slope (%) =
Does a Trip Hazard Exist? Yes / No

TRUNCATED DOMES

Are Truncated Domes at the BOC? Yes / No
Are Truncated Domes across Full Width? Yes / No
Are Truncated Domes Compliant? Yes / No
Dome Color per City Supplemental Specs? Yes / No

NOTES:
1. Crossing control does not change anything for this type of crossing. Even when it is a mid-block crossing, the bottom cross-slope must be < 2% since it also acts as the turning space. It is not allowed to go up to 5% like a perpendicular ramp would be able to.
2. SSL (Special Shaping Length) is the maximum distance from the front of truncated domes to the back of curb if not radial dome panels.
3. TS1 & TS6 measured from front of domes to edge of ramp, perpendicular to the pedestrian route (AKA cross-slope of crossing, not dome direction).
PEDESTRIAN CROSSING AS-BUILT RECORD - TYPE 'E2'

DUAL PARALLEL AT CORNER (URBAN)

PEDESTRIAN RAMP LEGEND

*RAMP*
Controlled Crossing:
CS: 0.1% - 2.0%, RS: 0.1% - 8.3%
Non-Controlled Crossing:
CS: 0.1% - 5.0%, RS: 0.1% - 8.3%

*TURING SPACE*
CS: 0.1% - 2.0%, RS: 0.1% - 2.0%

LEFT RAMP A
LRCa = Left Ramp Cross Slope (%) =
LRCa Width (FT) =
LRRa1 = Left Ramp1 Running Slope (%) =
LLRa2 = Left Ramp2 Running Slope (%) =
Does a Trip Hazard Exist? Yes / No

RIGHT RAMP A
RRCa = Right Ramp Cross Slope (%) =
RRCa Width (FT) =
RRRa1 = Right Ramp1 Running Slope (%) =
RRRa2 = Right Ramp2 Running Slope (%) =
Does a Trip Hazard Exist? Yes / No

TRUNCATED DOMES
Are Truncated Domes at the BOC? Yes / No
Are Truncated Domes across Full Width? Yes / No
Are Truncated Domes Compliant? Yes / No
Dome Color per City Supplemental Specs? Yes / No

NOTES:
1. Crossing control does not change anything for this type of crossing. Even when it is a mid-block crossing, the bottom cross-slope must be < 2% since it also acts as the turning space. It is not allowed to go up to 5% like a perpendicular ramp would be able to.
2. SSL (Special Shaping Length) is the maximum distance from the front of truncated domes to the back of curb if not radial dome panels.
3. TS1 & TS6 measured from front of domes to edge of ramp, perpendicular to the pedestrian route (AKA cross-slope of crossing, not dome direction).

TURNING SPACE DETAILS
Does a Trip Hazard Exist? Yes / No
TS1 = Left Crossing Edge Slope (%) =
TS1 Width (FT) =
TS2 = Left Tie-In Edge Slope (%) =
TS2 Width (FT) =
TS3 = Left Ramp Edge Slope (%) =
TS3 Width (FT) =
TS4 = Right Ramp Edge Slope (%) =
TS4 Width (FT) =
TS5 = Right Tie-In Edge Slope (%) =
TS5 Width (FT) =
TS6 = Rt Crossing Edge Slope (%) =
TS6 Width (FT) =
Crossing Control = Stop / Yield / Signal / None

Does it have a Receiving Ramp? Yes / No
SSL = Special Shaping Length (FT) =

Comments:

GIS ID #
PEDESTRIAN CROSSING AS-BUILT RECORD - TYPE 'M'

DOUBLE PERPENDICULAR THROUGH MEDIAN (URBAN)

GIS ID #

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LEFT RAMP A

Left Ramp Crossing Control = Stop / Yield / Signal / None
LRCa = Left Ramp Cross Slope (%) =
LRCa Width (FT) =
LSS = Left Special Shaping Length² (FT) =
LRRa1 = Left Ramp1 Running Slope (%) =
LRRa2 = Left Ramp2 Running Slope (%) =

Does it have a Receiving Ramp? Yes / No
Does a Trip Hazard Exist? Yes / No

RIGHT RAMP A

Right Ramp Crossing Control = Stop / Yield / Signal / None
RRCa = Right Ramp Cross Slope (%) =
RRCa Width (FT) =
RSS = Right Special Shaping Length² =
RRRa1 = Right Ramp1 Running Slope (%) =
RRRa2 = Right Ramp2 Running Slope (%) =

Does it have a Receiving Ramp? Yes / No
Does a Trip Hazard Exist? Yes / No

COMMENTS:
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____________________________________

TURNING SPACE DETAILS

Does a Trip Hazard Exist? Yes / No
TS1 = Left Ramp Edge (%) =
TS1 Width (FT) =
TS2 = Right Ramp Edge (%) =
TS2 Width (FT) =
TS3 = Right Tie-In Edge (%) =
TS3 Width (FT) =
TS4 = Left Tie-In Edge (%) =
TS4 Width (FT) =

NOTES:
1. Domes are only required when the total width of the median (AKA total length of crossing) is larger than six feet (6'). When less than 6 feet, there should still be a turning space for the pedestrian route, but no "ramps" or truncated domes are required.
2. RSS (Right Ramp Special Shaping Length) and LSS (Left Ramp Special Shaping Length) should equal zero unless on a radius. When along a radius, RSS & LSS are the maximum distance from the front of truncated domes to the back of curb for the associated ramp. GIS is intended to track the larger of the two values.

TRUNCATED DOMES

Are Truncated Domes at the BOC? Yes / No
Are Truncated Domes across Full Width? Yes / No
Are Truncated Domes Compliant? Yes / No
Dome Color per City Supplemental Specs? Yes / No
This is a commonly observed rural crossing. Directions shown are just an example for up to 4 Ramps (2-Right & 2-Left). Modify other crossing types as needed in rural situations.

RSS & LSS (Right & Left Ramp Special Shaping Length) are the maximum distance from the front of truncated domes to the edge of shoulder.

LEFT RAMP A
Left Ramp Crossing Control = Stop / Yield / Signal / None
LRCa = Left Ramp Cross Slope (%) = __________________________
LRCa Width (FT) = __________________________
LSS = Left Special Shaping Length^2 (FT) = __________________________
LRRa1 = Left Ramp a1 Run Slope (%) = __________________________
LRRa2 = Left Ramp a2 Run Slope (%) = __________________________
Does it have a Receiving Ramp? Yes / No
Does a Trip Hazard Exist? Yes / No

LEFT RAMP B
LRCb = Left Ramp Cross Slope (%) = __________________________
LRCb Width (FT) = __________________________
LRRb1 = Left Ramp b1 Run Slope (%) = __________________________
LRRb2 = Left Ramp b2 Run Slope (%) = __________________________

RIGHT RAMP A
Right Ramp Crossing Control = Stop / Yield / Signal / None
RRCa = Right Ramp Cross Slope (%) = __________________________
RRCa Width (FT) = __________________________
RSS = Right Special Shaping Length^2 (FT) = __________________________
RRRa1 = Right Ramp a1 Run Slope (%) = __________________________
RRRa2 = Right Ramp a2 Run Slope (%) = __________________________
Does it have a Receiving Ramp? Yes / No
Does a Trip Hazard Exist? Yes / No

RIGHT RAMP B
RRCb = Right Ramp Cross Slope (%) = __________________________
RRCb Width (FT) = __________________________
RRRb1 = Right Ramp b1 Run Slope (%) = __________________________
RRRb2 = Right Ramp b2 Run Slope (%) = __________________________

TURNING SPACE DETAILS
Does a Trip Hazard Exist? Yes / No
TS1 = Left Ramp Edge (%) = __________________________
TS1 Width (FT) = __________________________
TS2 = Right Ramp Edge (%) = __________________________
TS2 Width (FT) = __________________________
TS3 = Right Tie-In Edge (%) = __________________________
TS3 Width (FT) = __________________________
TS4 = Left Tie-In Edge (%) = __________________________
TS4 Width (FT) = __________________________

TRUNCATED DOMES
Are Truncated Domes at the Edge of Shoulder? Yes / No
Are Truncated Domes across Full Width? Yes / No
Are Truncated Domes Compliant? Yes / No
Dome Color per City Supplemental Specs? Yes / No
PEDESTRIAN CROSSING AS-BUILT RECORD - TYPE 'X'

UNIQUE CONFIGURATION (URBAN)

STREET NAME

LOOKING
THIS WAY

STREET NAME

Looking This Way

STREET NAME

PROJECT NAME: ____________________________
PROJECT NO.: ____________________________
PROJECT TYPE: CIP / Developer / Other / Unknown
CONSTRUCTION YR: ________________________

CROSSING STATUS: Compliant / Non-Compliant /
Non-Compliant with Justification / TBD

(If Justification exists, attach details)

COMMENTS: _____________________________
____________________________________
____________________________________
____________________________________

PROJECT NAME: ____________________________
PROJECT NO.: ____________________________
AS-BUILT BY: ____________________________
DATE: ____________________________

DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

REV 05-2015

GIS ID # __________

LEFT RAMP A

Left Ramp Crossing Control = Stop / Yield / Signal / None
LRCa = Left Ramp Cross Slope (%) =
LRCa Width (FT) =
LSS = Left Special Shaping Length (FT) =
LRRa1 = Left Ramp1 Running Slope (%) =
LRRa2 = Left Ramp2 Running Slope (%) =

Does it have a Receiving Ramp? Yes / No
Does a Trip Hazard Exist? Yes / No

RIGHT RAMP A

Right Ramp Crossing Control = Stop / Yield / Signal / None
RRCa = Right Ramp Cross Slope (%) =
RRCa Width (FT) =
RSS = Right Special Shaping Length (FT) =
RRRa1 = Right Ramp1 Running Slope (%) =
RRRa2 = Right Ramp2 Running Slope (%) =

Does it have a Receiving Ramp? Yes / No
Does a Trip Hazard Exist? Yes / No

TRUNCATED DOMES

Are Truncated Domes at the BOC? Yes / No
Are Truncated Domes across Full Width? Yes / No
Are Truncated Domes Compliant? Yes / No

Dome Color per City Supplemental Specs? Yes / No

TURNING SPACE 1 DETAILS

Does a Trip Hazard Exist? Yes / No
TS1 = Left Ramp Edge (%) =
TS1 Width (FT) =
TS2 = Right Ramp Edge (%) =
TS2 Width (FT) =
TS3 = Right Tie-In Edge (%) =
TS3 Width (FT) =
TS4 = Left Tie-In Edge (%) =
TS4 Width (FT) =

TURNING SPACE 2 DETAILS

TS5 = Left Ramp Edge (%) =
TS5 Width (FT) =
TS6 = Right Ramp Edge (%) =
TS6 Width (FT) =
TS7 = Right Tie-In Edge (%) =
TS7 Width (FT) =
TS8 = Left Tie-In Edge (%) =
TS8 Width (FT) =

NOTES:
1. When only a single crossing, consider the ramp a "Right Ramp".
2. If more than two (2) ramps exist, use multiple Type 'X' worksheets to display data, but only 1 drawing is necessary. Second set of ramps would be "Right Ramp B" and "Left Ramp B".
3. Attach supporting information or drawings as necessary.

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