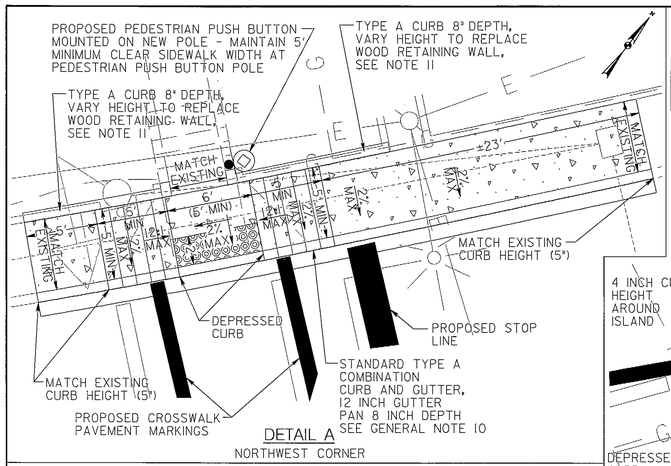
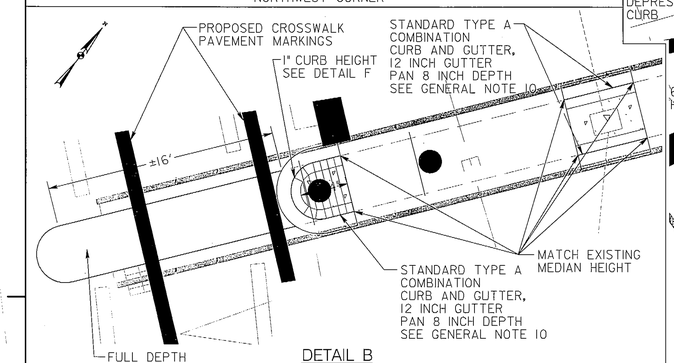
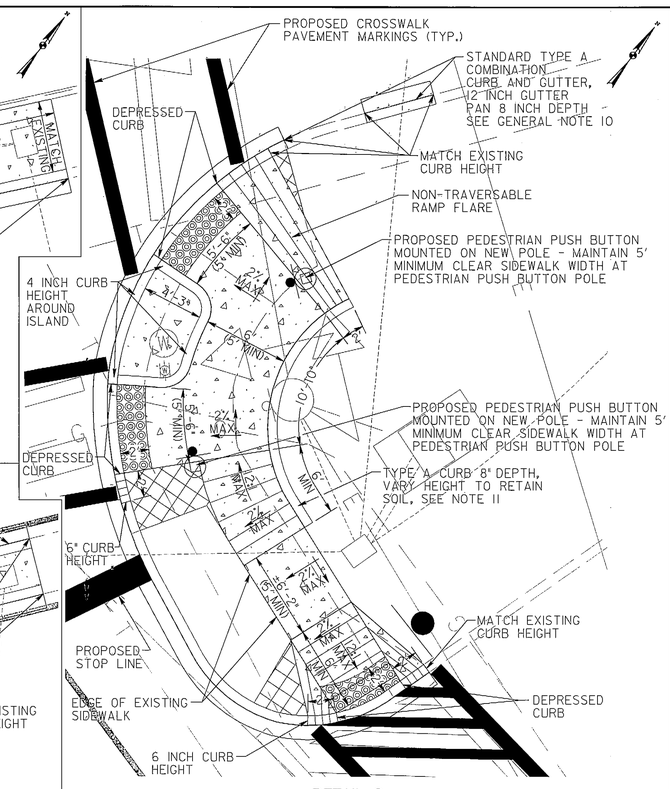


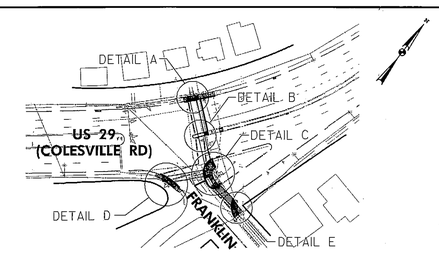
DETAIL A
NORTHWEST CORNER



DETAIL B
MEDIAN NOSE



DETAIL C
NORTHEAST CORNER



KEY MAP
US 29 (COLESVILLE RD) AT FRANKLIN AVE
NOT TO SCALE

QUANTITY NOTES
US 29 AT FRANKLIN AVE (THIS SHEET)

HOT MIX ASPHALT SUPERPAVE 9.5 MM FOR SURFACE, PG 76-22, LEVEL-3	
LOCATION	QUANTITY (TON)
MEDIAN NOSE (B)	6

3 INCH GRADED AGGREGATE BASE COURSE	
LOCATION	QUANTITY (SY)
MEDIAN NOSE (B)	8

TYPE A COMBINATION CURB AND GUTTER ANY HEIGHT OR DEPTH	
LOCATION	QUANTITY (LF)
NORTHWEST CORNER (A)	44
MEDIAN NOSE (B)	21
NORTHEAST CORNER (C)	67
SOUTHEAST CORNER (D)	34
NE CORNER FRANKLIN AVE (E)	28

5 INCH CONCRETE SIDEWALK	
LOCATION	QUANTITY (SF)
NORTHWEST CORNER (A)	220
MEDIAN NOSE (B)	22
NORTHEAST CORNER (C)	314
SOUTHEAST CORNER (D)	206
NE CORNER FRANKLIN AVE (E)	108

TYPE A CURB ANY HEIGHT OR DEPTH	
LOCATION	QUANTITY (LF)
NORTHWEST CORNER (A)	22
NORTHEAST CORNER (C)	19
SOUTHEAST CORNER (D)	22

CLASS 2 EXCAVATION	
LOCATION	QUANTITY (CY)
NORTHEAST CORNER (C)	1.0
NE CORNER FRANKLIN AVE (E)	1.5

DETECTABLE WARNING SURFACE SHA STD. NO. MD-655.40	
LOCATION	QUANTITY (SF)
NORTHWEST CORNER (A)	12
NORTHEAST CORNER (C)	35
SOUTHEAST CORNER (D)	11
NE CORNER FRANKLIN AVE (E)	14

PLACING FURNISHED TOPSOIL 4 INCH DEPTH	
LOCATION	QUANTITY (SY)
NORTHEAST CORNER (C)	4
NE CORNER FRANKLIN AVE (E)	9

TURFGRASS SOD ESTABLISHMENT	
LOCATION	QUANTITY (SY)
NORTHEAST CORNER (C)	4
NE CORNER FRANKLIN AVE (E)	9

QUANTITY NOTES
US 29 AT SLIGO CREEK PKWY (SHEET DE-2)

HOT MIX ASPHALT SUPERPAVE 9.5 MM FOR SURFACE, PG 76-22, LEVEL-3	
LOCATION	QUANTITY (TON)
SOUTHEAST CORNER (L)	11
NORTH MEDIAN NOSE (K)	4

3 INCH GRADED AGGREGATE BASE COURSE	
LOCATION	QUANTITY (SY)
SOUTHEAST CORNER (L)	15
NORTH MEDIAN NOSE (K)	5

TYPE A COMBINATION CURB AND GUTTER ANY HEIGHT OR DEPTH	
LOCATION	QUANTITY (LF)
SOUTWEST CORNER AND ISLAND (G)	80
NORTHWEST CUT THROUGH (H)	35
NORTH RAMP (I)	14
NORTH ISLAND (J)	41
NORTH MEDIAN NOSE (K)	21
SOUTHEAST CORNER (L)	136
NORTHEAST CORNER (M)	56

5 INCH CONCRETE SIDEWALK	
LOCATION	QUANTITY (SF)
SOUTWEST CORNER AND ISLAND (G)	323
NORTHWEST CUT THROUGH (H)	283
NORTH RAMP (I)	155
NORTH ISLAND (J)	360
NORTH MEDIAN NOSE (K)	22
SOUTHEAST CORNER (L)	1042
NORTHEAST CORNER (M)	412

TYPE A CURB ANY HEIGHT OR DEPTH	
LOCATION	QUANTITY (LF)
SOUTWEST CORNER (G)	21
NORTH RAMP (I)	26
NORTHEAST CORNER (M)	36

CLASS 2 EXCAVATION	
LOCATION	QUANTITY (CY)
NORTH RAMP (I)	0.5
NORTH ISLAND (J)	2.0
SOUTHEAST CORNER (L)	5.0

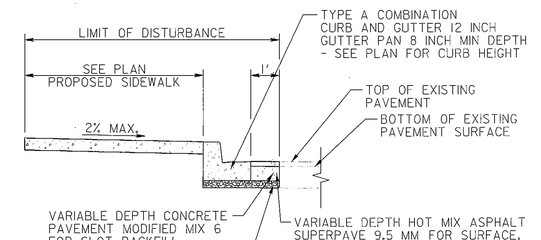
DETECTABLE WARNING SURFACE SHA STD. NO. MD-655.40	
LOCATION	QUANTITY (SF)
SOUTWEST CORNER AND ISLAND (G)	46
NORTHWEST CUT THROUGH (H)	25
NORTH RAMP (I)	13
NORTH ISLAND (J)	31
SOUTHEAST CORNER (L)	23
NORTHEAST CORNER (M)	24

PLACING FURNISHED TOPSOIL 4 INCH DEPTH	
LOCATION	QUANTITY (SY)
NORTH RAMP (I)	3
NORTH ISLAND (J)	10
SOUTHEAST CORNER (L)	30

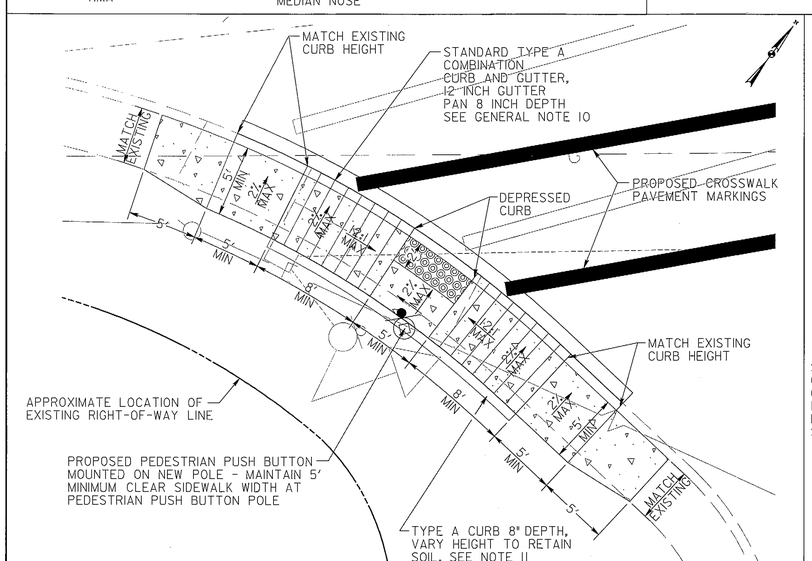
TURFGRASS SOD ESTABLISHMENT	
LOCATION	QUANTITY (SY)
NORTH RAMP (I)	3
NORTH ISLAND (J)	10
SOUTHEAST CORNER (L)	30

GENERAL NOTES

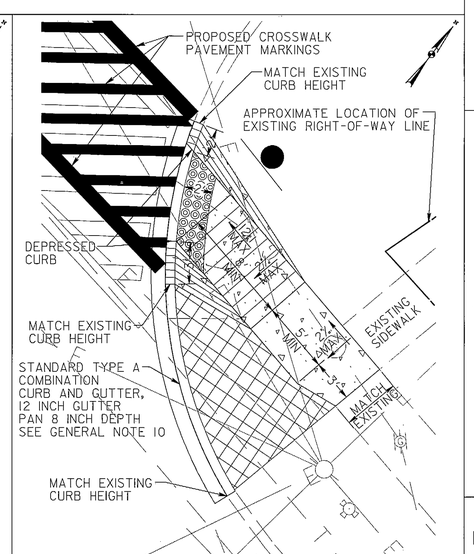
1. FOR 5 INCH CONCRETE SIDEWALK RECONSTRUCTION, SEE TYPICAL SECTION, THIS SHEET.
2. ALL DIMENSIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN THE FIELD.
3. NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO AN APPROVED SEDIMENT CONTROL DEVICE.
4. SIDEWALK RECONSTRUCTION LIMITS SHALL COINCIDE WITH CRACK CONTROL JOINTS (JOINTER GROOVES) OR EXPANSION JOINTS IN EXISTING SIDEWALK. NEW EXPANSION JOINTS SHALL BE PROVIDED AT THE INTERFACE OF EXISTING AND PROPOSED SIDEWALK. SEE SHA STD. NO. MD-655.01.
5. INSTALL DETECTABLE WARNING SURFACE ON SIDEWALK RAMP AS PER SHA STD. NO. MD-655.40.
6. FORM NEW SIDEWALK AND EXPANSION JOINT MATERIAL AROUND EX. UTILITY POLES, MANHOLE COVERS, VALVE COVERS, AND FIRE HYDRANTS AS NECESSARY.
7. RESET ANY SIGNS DISTURBED BY THE CONSTRUCTION AS DIRECTED BY THE ENGINEER.
8. EXISTING INLETS SHALL NOT BE DAMAGED DURING CONSTRUCTION. DAMAGE TO THE INLETS WILL REQUIRE THE INLET TO BE REPLACED AT NO ADDITIONAL COST TO THE ADMINISTRATION.
9. EXISTING TREES, SHRUBS, AND THEIR RESPECTIVE ROOT SYSTEMS SHALL NOT BE DISTURBED DURING CONSTRUCTION.
10. ALL TYPE A COMBINATION CURB AND GUTTER ANY HEIGHT OR DEPTH SHALL HAVE CURB HEIGHTS AS INDICATED ON PLAN. DEPTH OF CURB SHALL MATCH EXISTING CURB DEPTHS.
11. ALL TYPE A CURB ANY HEIGHT OR DEPTH SHALL HAVE A CURB HEIGHT SUFFICIENT ENOUGH TO RETAIN SOIL GRADING BEHIND CURB RAMPS AS INDICATED ON PLAN AND A MINIMUM DEPTH OF 8 INCHES.



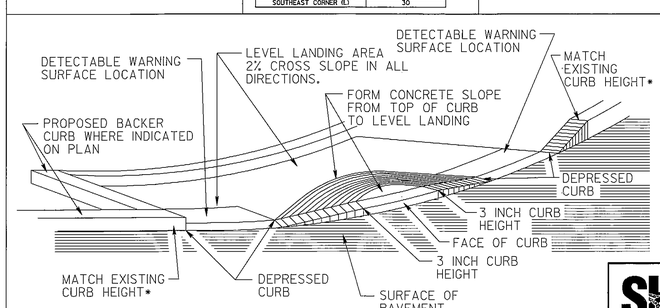
TYPICAL SECTION
PROPOSED SIDEWALK WITH CURB REPLACEMENT AND SLOT BACKFILL
NOT TO SCALE



DETAIL D
SOUTHEAST CORNER

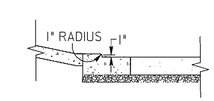


DETAIL E
NORTHEAST CORNER FRANKLIN AVE



DETAIL N
ISOMETRIC VIEW
OF TYPICAL SLOPED CONCRETE ISLAND
SEE PLAN VIEW FOR DIMENSIONS
NOT TO SCALE

*SEE PLAN FOR CURB TRANSITION METHOD



DETAIL F
MEDIAN NOSE DOWN
NOT TO SCALE

LEGEND

- CONCRETE PAVEMENT
- DETECTABLE WARNING SURFACE SHA STD. NO. MD-655.40
- REMOVAL OF EXISTING SIDEWALK (CLASS 2 EXCAVATION)
- HOT MIX ASPHALT

RK&K
RUMMEL, KLEPPER & KAHL, LLP
81 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2900 FAX: (410) 728-3160
Engineers | Construction Managers | Planners | Scientists
www.rkk.com

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 29 (COLESVILLE RD)
AT FRANKLIN AVE

RAMP DETAILS

SCALE	1" = 5'	DATE	MARCH 2013
CONTRACT NO.	XY1515185		
DESIGNED BY	JDG	COUNTY	MONTGOMERY
DRAWN BY	JBB	LOGMILE	15002901.85
CHECKED BY	ATD	TIMS NO.	L740
FAP NO.		TOD NO.	

TS NO. 73D-DE	DRAWING	DE-1	OF	2	SHEET NO.	3	OF	3

PLOTTED: Wednesday, March 27, 2013 AT 02:10 PM
FILE: K:\projects\2008\08148_tcobbes\Task 102_US 29\CADD\Plan\pDE-P001_US29.dgn

BY: jgolomb