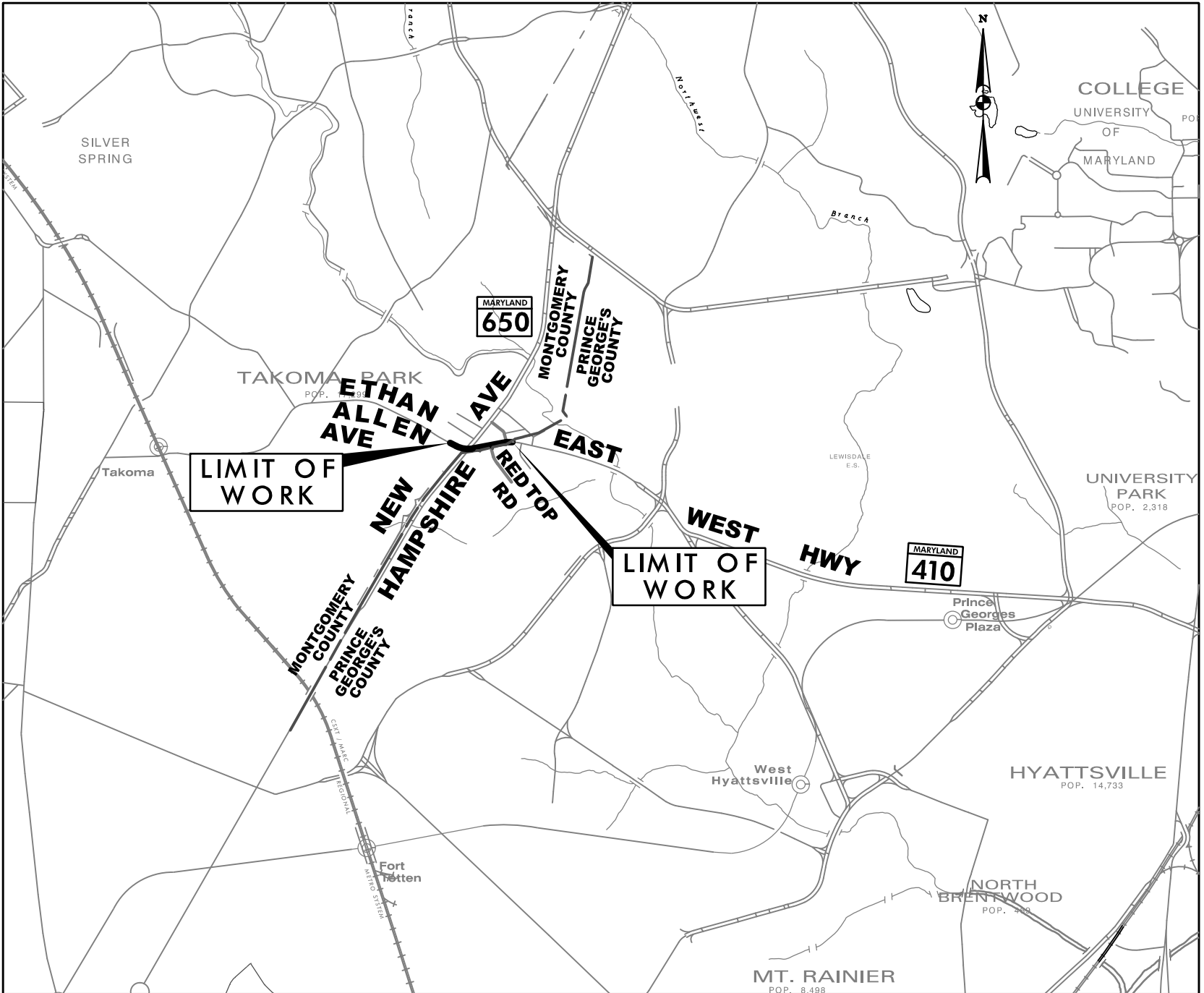


CITY OF TAKOMA PARK
HOUSING AND COMMUNITY DEVELOPMENT
ETHAN ALLEN GATEWAY STREETScape

SHA TRACKING NO. 15APMO015XX
SHA CONTRACT NO. MO0705125
FAP NO. TAP-3(481)E

INDEX OF SHEETS

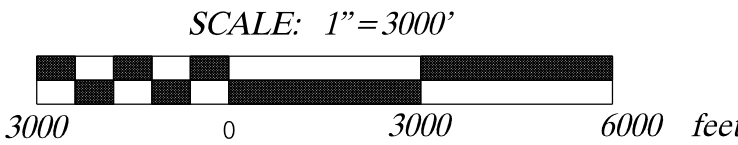
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, GENERAL NOTES, ABBREVIATIONS
3-4	TYPICAL SECTIONS
5	PAVEMENT DETAILS
6-16	ADA SIDEWALK & BUS STOP DETAILS
17	GEOMETRY PLAN /SURVEY CONTROL
18-21	CURB STAKEOUT & ISLAND DETAILS
22-26	ROADWAY PLANS
27-28	STORM DRAIN PROFILES, SCHEDULES & DETAILS
29-32	STORMWATER MANAGEMENT PLANS & DETAILS
33-35	SEDIMENT AND EROSION CONTROL NOTES & DETAILS
36-48	SEDIMENT AND EROSION CONTROL PLANS
49-63	MAINTENANCE OF TRAFFIC PLANS
64-67	TRAFFIC SIGNAL PLANS
68-76	LIGHTING PLANS, POLE AND PANEL SCHEDULES
77-79	SIGNING AND PAVEMENT MARKING PLAN
80-85	LANDSCAPE PLANS AND DETAILS
1	WATER MAIN RELOCATION PLAN



MONTGOMERY COUNTY

LENGTH OF PROJECT:
ETHAN ALLEN AVE /MD 410 = 0.27 MILES

HORIZONTAL DATUM	NAD 83 /91
VERTICAL DATUM	NGVD 29



DESIGN DESIGNATION		
ROADWAY	ETHAN ALLEN AVENUE /MD 410	
CONTROLS / YEARS	2013	2033
AVERAGE DAILY TRAFFIC (A.D.T.)	20,700	25,300
DESIGN HOURLY VOLUME (D.H.V.)	8%	8%
DIRECTIONAL DISTRIBUTION	52%	52%
% TRUCKS - A.D.T.	2%	2%
% TRUCKS - D.H.V.	2%	2%
DESIGN SPEED M.P.H.	35 M. P. H.	
FUNCTIONAL CLASSIFICATION	URBAN OTHER PRINCIPAL ARTERIAL	
CONTROL OF ACCESS	NONE	
INTENSITY OF DEVELOPMENT	URBAN	
TERRAIN	ROLLING	
ANTICIPATED POSTED SPEED	30 M.P.H.	

R-O-W PLAT NUMBERS	SURVEY BOOK NUMBERS
13199 15602	

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

SEAL

DATE : 7/5/16

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 18530, EXPIRATION DATE: DECEMBER, 15, 2017.

AASHTO DESIGN CRITERIA

THIS PROJECT WAS DESIGNED IN ACCORDANCE WITH THE 2001 PUBLICATION OF AASHTO'S "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS."

STANDARD SPECIFICATIONS BOOK,
BOOK OF STANDARDS AND MUTCD

ALL WORK ON THIS PROJECT SHALL CONFORM TO: THE MARYLAND DEPARTMENT OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION'S SPECIFICATIONS ENTITLED STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS DATED JULY 2008, REVISIONS THEREOF OR ADDITIONS THERETO; THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS; THE STATE HIGHWAY ADMINISTRATION'S BOOK OF STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES AND THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

RIGHT OF WAY

RIGHT OF WAY LINES SHOWN ON THESE PLANS ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THEY ARE NOT OFFICIAL. FOR OFFICIAL RIGHT OF WAY, SEE THE APPROPRIATE RIGHT OF WAY PLATS.

UTILITIES

THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION AND GUIDANCE ONLY. NO GUARANTEE IS MADE OF THE ACCURACY OF SAID LOCATIONS.

COMPLETENESS OF DOCUMENTS

THE CITY OF TAKOMA PARK SHALL ONLY BE RESPONSIBLE FOR THE COMPLETENESS OF DOCUMENTS OBTAINED DIRECTLY FROM THE CITY OF TAKOMA PARK. FAILURE TO ATTACH ADDENDA MAY CAUSE THE BID TO BE IRREGULAR.

ADA COMPLIANCE

THE DESIGN OF THIS PROJECT HAS INCORPORATED FACILITIES FOR THE ELDERLY AND HANDICAPPED IN COMPLIANCE WITH STATE AND FEDERAL LEGISLATION.

ENVIRONMENTAL INFORMATION

ALL STORMWATER MANAGEMENT FACILITIES CONSTRUCTED FOR THIS CONTRACT SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE CITY OF TAKOMA PARK MUNICIPAL CODE TITLE 16 (SECTIONS 16.04.210 THROUGH 16.04.260).

SEDIMENT AND EROSION CONTROL REGULATIONS WILL BE STRICTLY ENFORCED DURING CONSTRUCTION.

FOLLOWING INITIAL SOIL DISTURBANCE, OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDER DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1), AND SEVEN DAYS (7) AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

OWNERS / DEVELOPERS CERTIFICATION :

I / WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

Signature

5/2/16
DATE

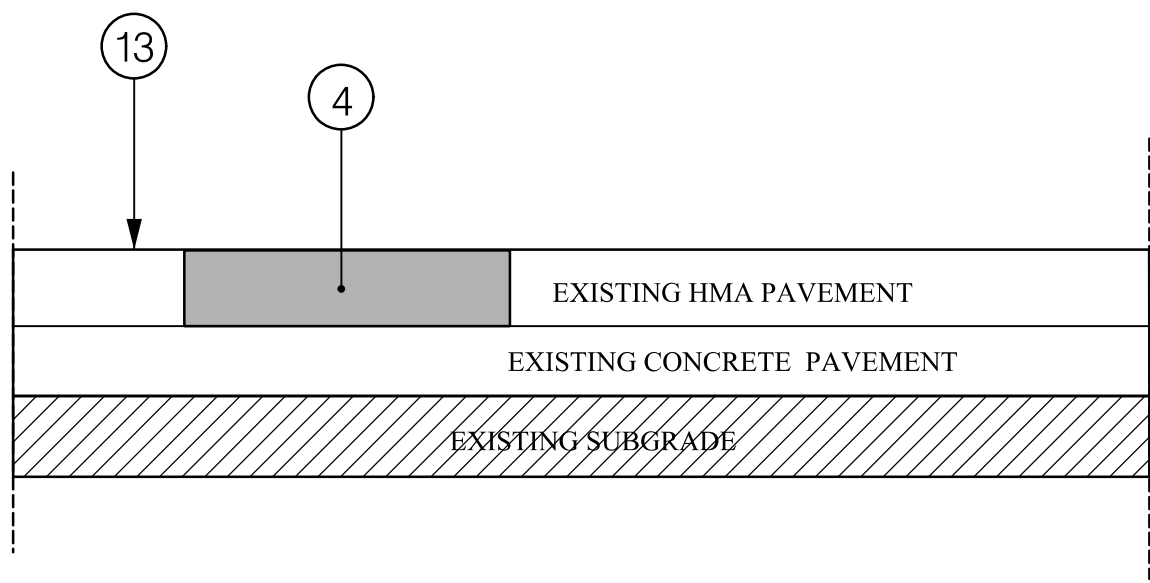
Erkin Ozberk
(301) 891-7213
Printed Name and Title

Project Manager
City of Takoma Park

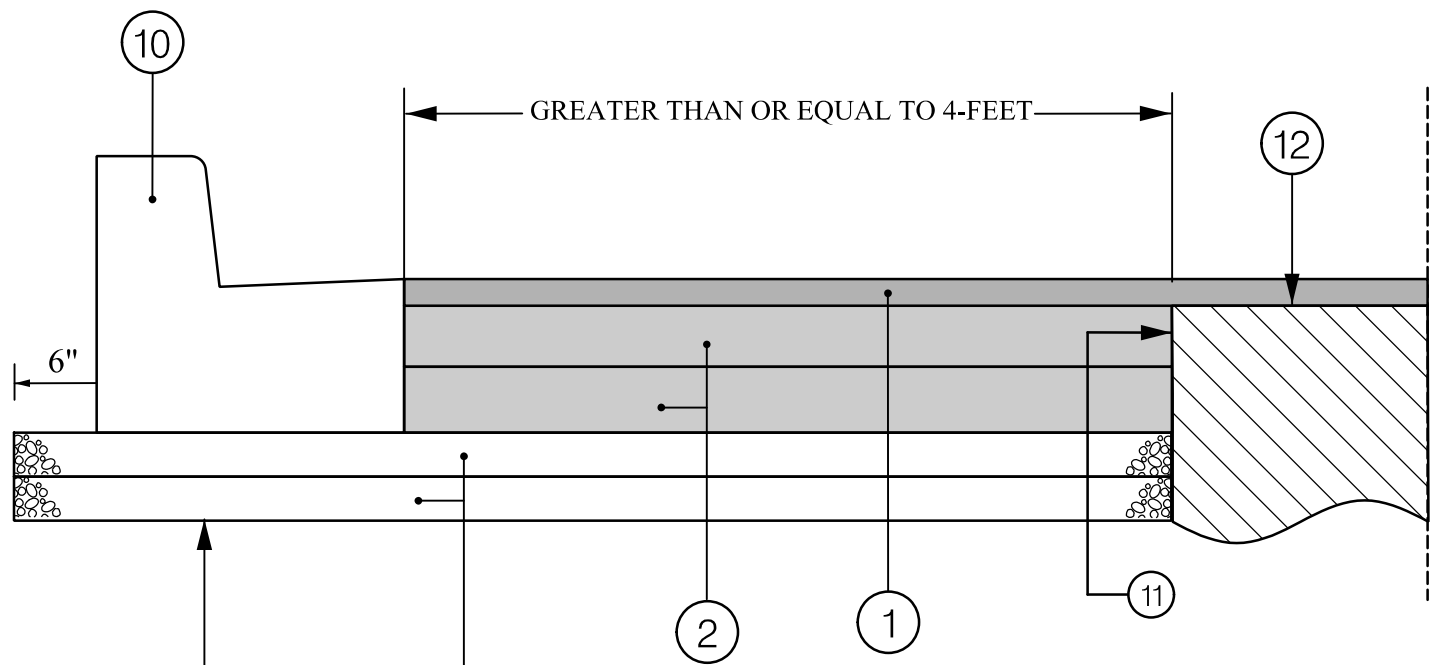
REVISIONS

ADDENDUM NO. 1,
MARCH 15, 2017
SHEET No's: 5, 24, 25
& 26

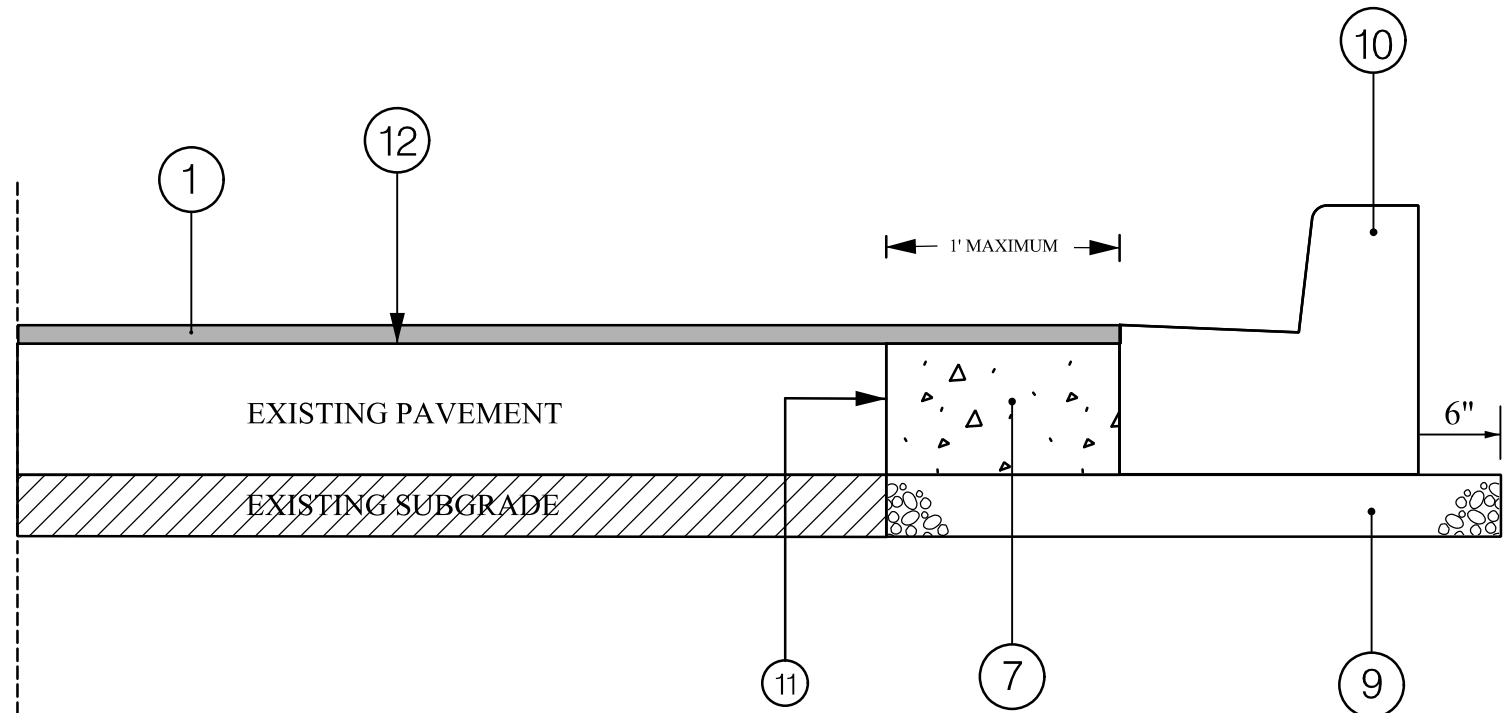
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Wednesday, March 15, 2017 AT 11:56 AM



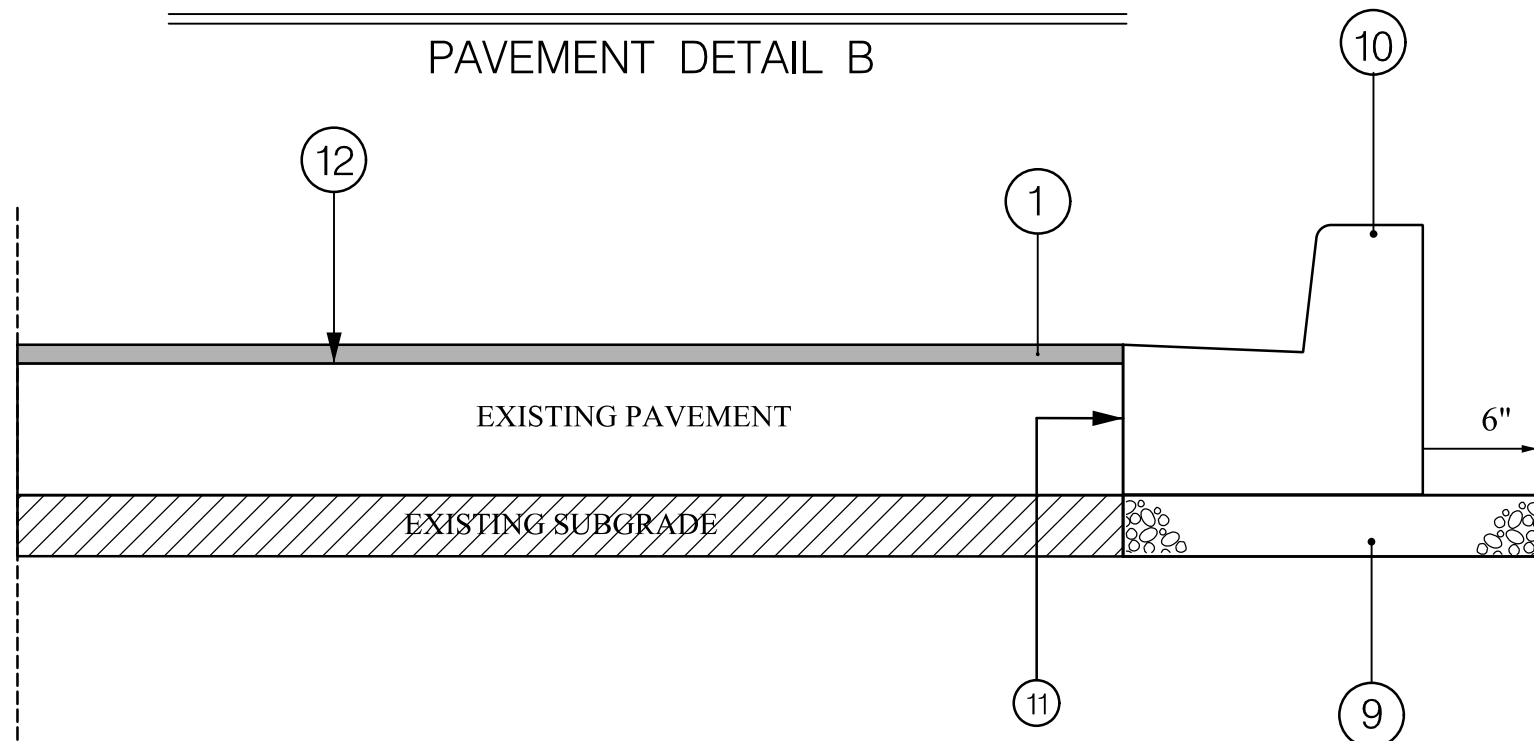
PARTIAL-DEPTH PATCHING
PAVEMENT DETAIL A



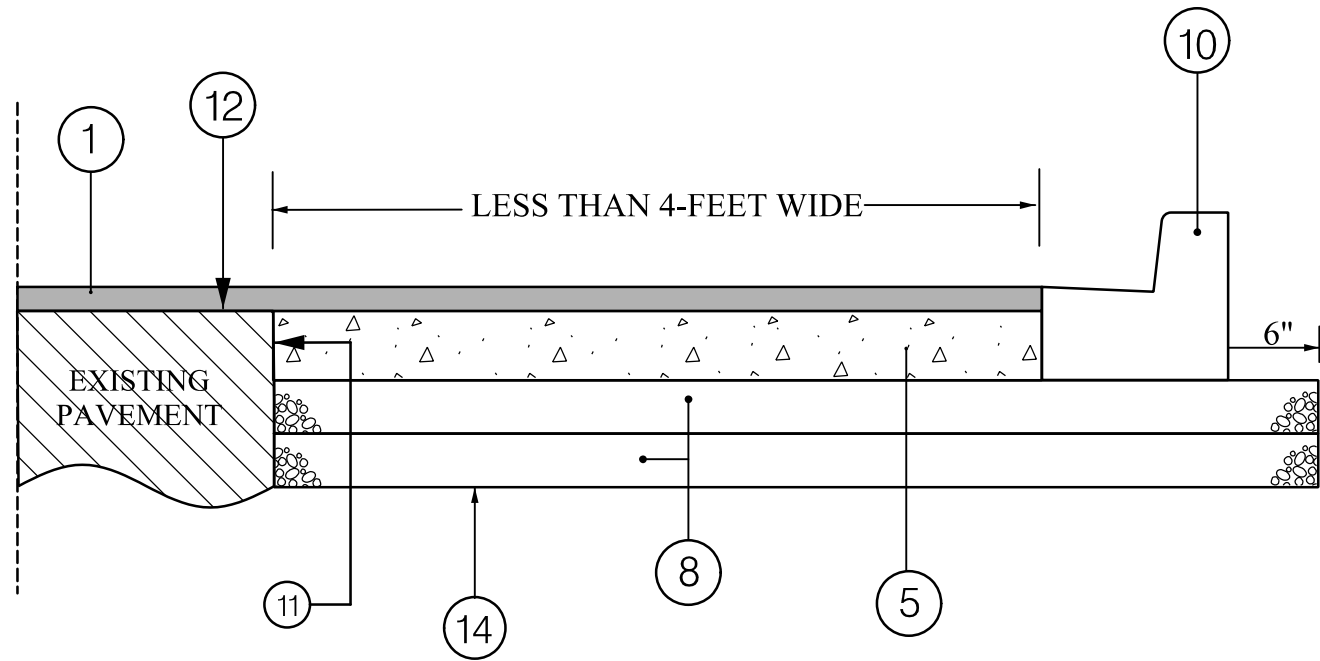
BASE WIDENING ON MD 410
PAVEMENT DETAIL E



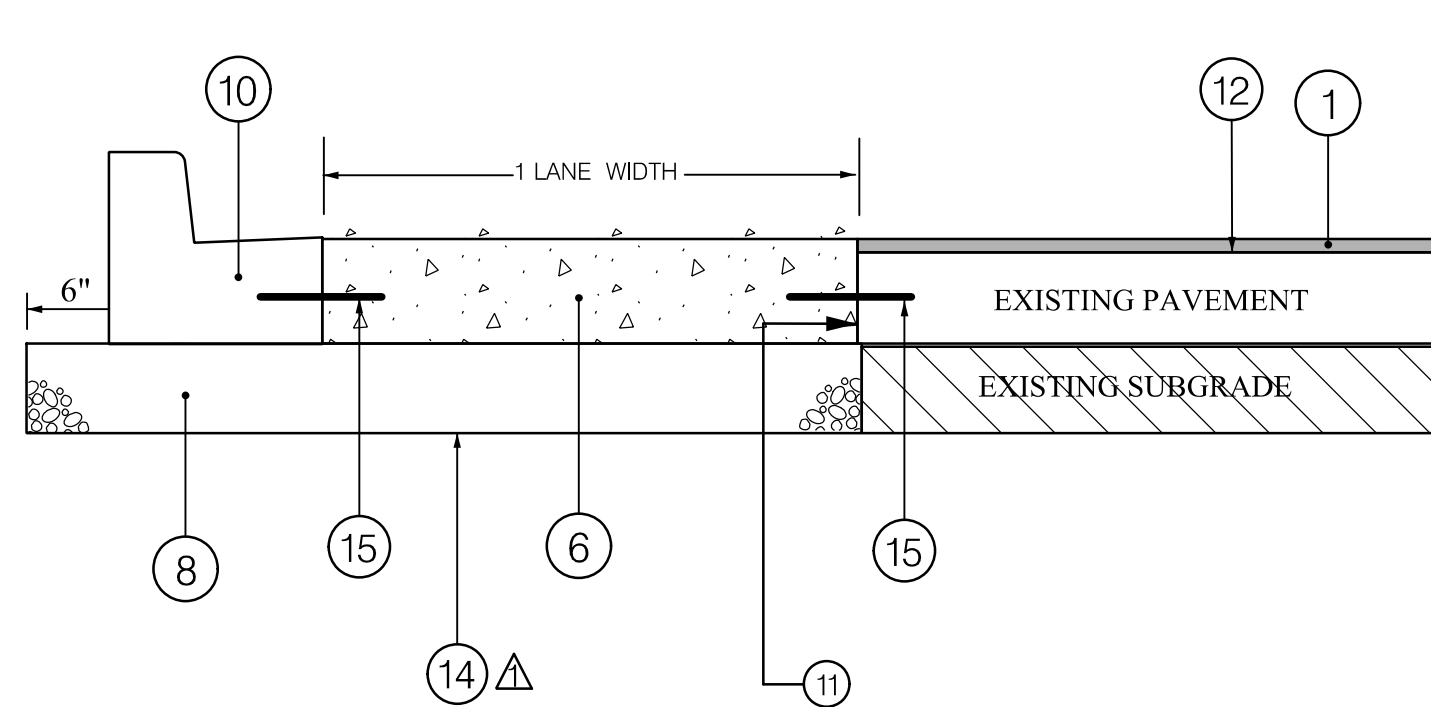
NEW CURB & GUTTER PLACEMENT
- OPTION 1
PAVEMENT DETAIL B



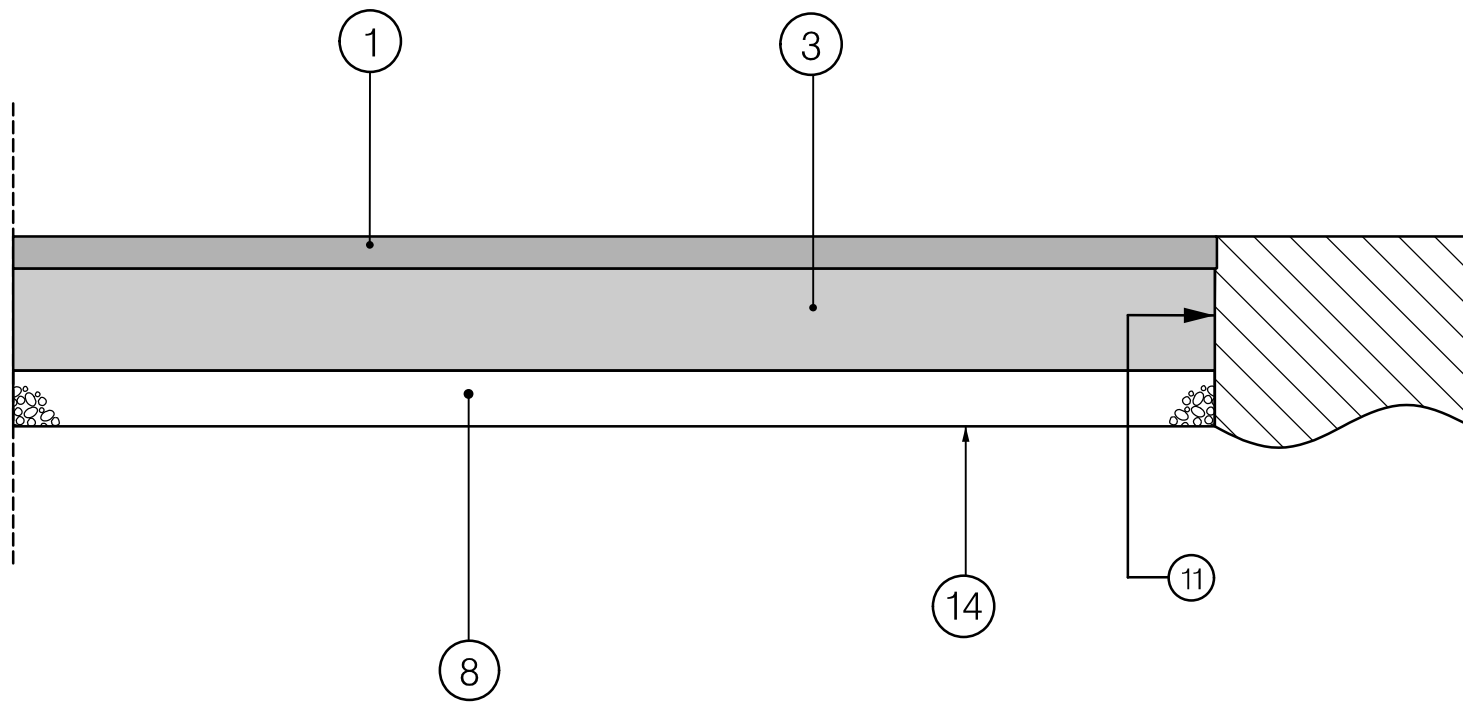
NEW CURB & GUTTER PLACEMENT
- OPTION 2
PAVEMENT DETAIL C



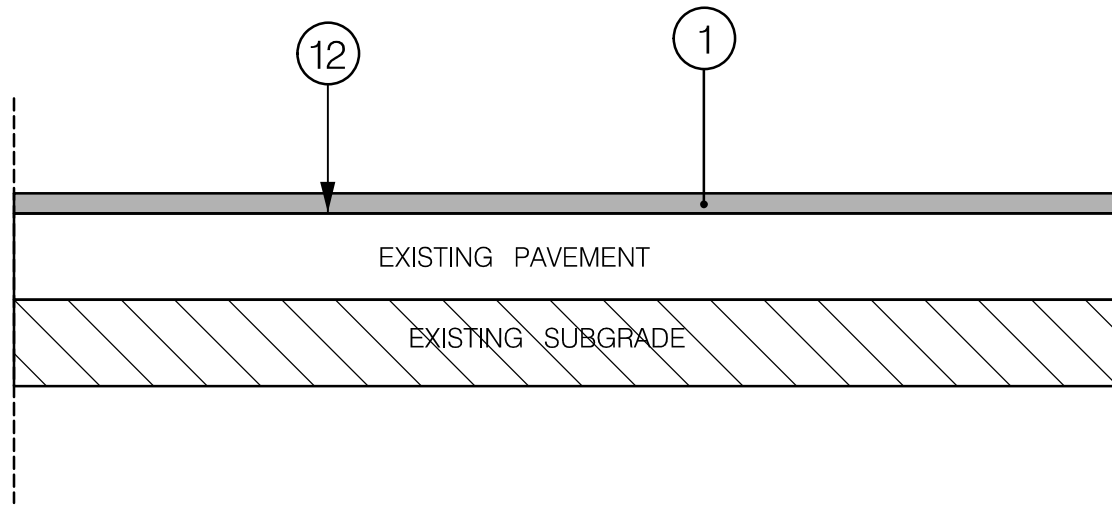
NARROW BASE WIDENING
PAVEMENT DETAIL D



CONCRETE BUS STOP PAD
PAVEMENT DETAIL F



ASPHALT SECTION FOR DRIVEWAY
PAVEMENT DETAIL G



GRINDING AND RESURFACING
PAVEMENT DETAIL H

PAVEMENT LEGEND

- ① 2.0" SUPERPAVE ASPHALT MIX 9.5 mm FOR SURFACE, HDFV, PG64E-22, LEVEL 2
- ② 4" SUPERPAVE ASPHALT MIX 19.0 mm FOR BASE, PG 64S-22, LEVEL 2
- ③ 3" SUPERPAVE ASPHALT MIX 19.0 mm FOR BASE, PG 64S-22, LEVEL 2
- ④ (VARIABLE DEPTH) SUPERPAVE ASPHALT MIX 25.0 mm FOR PARTIAL-DEPTH PATCH, PG-64S-22, LEVEL 2 (3" MINIMUM LIFT, 5" MAXIMUM LIFT) (SEE NOTE 1, 3, & 5)
- ⑤ 8" PLAIN PORTLAND CEMENT CONCRETE MIX NO. 9
- ⑥ 9" PLAIN PORTLAND CEMENT CONCRETE MIX NO. 9 (SEE NOTE 8)
- ⑦ 8" PLAIN PORTLAND CEMENT CONCRETE MIX NO. 3 (SEE NOTE 7)
- ⑧ 6" GRADED AGGREGATE BASE COURSE
- ⑨ 6" GRADED AGGREGATE BASE COURSE (INCIDENTAL TO CURB & GUTTER)
- ⑩ STANDARD CURB AND GUTTERMONOLITHIC MEDIAN
- ⑪ FULL-DEPTH SAW CUT INCIDENTAL TO FULL-DEPTH PATCH, CURB AND GUTTER AND EXCAVATION ITEMS
- ⑫ TOP OF EXISTING PAVEMENT AFTER 2" CARBIDE GRINDING
- ⑬ TOP OF EXISTING PAVEMENT BEFORE 2" CARBIDE GRINDING
- ⑭ TOP OF SUBGRADE AND LIMIT OF EXCAVATION (SEE NOTE 6)
- ⑮ LONGITUDINAL TIE-BAR (SEE NOTE 8)

PAVEMENT DETAIL NOTES

- BASED ON INFORMATION FROM PAVEMENT BORING AND CONSTRUCTION HISTORY, MD 410 WITHIN THE PROJECT LIMITS HAS THE FOLLOWING PAVEMENT STRUCTURE;
* 2" TO 5" HMA OVER 8" JOINTED PLAIN CONCRETE PAVEMENT OVER 4" TO 10" AGGREGATE
- FOR WEDGE/LEVEL MAX. 2" LIFT USE SUPERPAVE ASPHALT MIX 9.5 mm FOR WEDGE/LEVEL, PG 64S-22, LEVEL 2.
- SQUARE-OFF FOUR SIDES OF THE PATCH WITH VERTICAL FACE.
- REMOVE AND DISPOSE OF ALL SOFT AND UNSTABLE MATERIAL PER SECTION 208 OF THE MDSHA STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, JULY 2008.
- PARTIAL-DEPTH PATCHING WILL BE TO AN ESTIMATED DEPTH OF 5" OR TO THE TOP OF EXISTING CONCRETE PAVEMENT, WHICHEVER OCCURS FIRST.
- IN AREAS WHERE EXISTING PAVEMENT IS BEING REMOVED, THE LIMIT OF EXCAVATION SHALL BE AT THE BOTTOM OF THE BOUND MATERIALS IN THE EXISTING PAVEMENT OR AT THE TOP OF SUBGRADE, WHICHEVER IS LOWER.
- THIS WORK IS TO BE DONE AT THE CONTRACTOR'S OPTION. AN ADDITIONAL 1' WIDTH (MAXIMUM) EXCAVATION MAY BE USED FOR CURB & GUTTER FORM PLACEMENT. THE ADDITIONAL EXCAVATION WIDTH IS TO BE FILLED WITH A MINIMUM OF 6" GAB AND 8" JOINTED PLAIN PORTLAND CEMENT CONCRETE MIX NO. 3, TO THE BOTTOM OF THE FINAL ASPHALT SURFACE LAYER. PAYMENT SHALL BE INCIDENTAL TO THE LINEAR FOOT ITEM FOR CURB & GUTTER. TRANSVERSE JOINTS SHALL MATCH THOSE OF THE CURB & GUTTER. DOWEL BARS ARE NOT NECESSARY.
- PCC BUS PAD CONSTRUCTION NOTES:
* LOAD TRANSFER DEVICES - #8 PLAINSMOOTH DOWEL BAR, 18" LONG, PLACED 12" CENTER TO CENTER AT ALL TRANSVERSE JOINTS EXCEPT AT CONCRETE/ASPHALT TRANSVERSE JOINTS, PLACED 6" FROM JOINT.
* MAXIMUM TRANSVERSE JOINTS SPACING SHALL BE 15 FEET WITH NO MID SLAB REINFORCEMENT.
* LONGITUDINAL TIE DEVICES (SLAB/CURB INTERFACE) SHALL BE #4 BARS-14" LONG (J) BARS, PLACED 36" CENTER TO CENTER.
* PORTLAND CEMENT CONCRETE BUS STOP PAD DIMENSION SHALL BE 100 FEET IN LENGTH BY ONE LAND WIDTH
* TRANSVERSE JOINTS SHALL BE SINGLE 1/8 INCHES SAW-CUT TO A DEPTH OF 2 INCHES AS PER SECTION 520 AND SHALL NOT BE SEALED.
* REFER TO STANDARD NO. MD-577-01 THROUGH MD-577.06 AND MD-577.08

PAVEMENT DETAILS

DT-01

DESIGN
BY: SHA
DRAWN
BY: WRW
CHECK
BY: RJG

APRIL
2016

HOUSING AND COMMUNITY DEVELOPMENT
CITY OF TAKOMA PARK
7500 MAPLE AVENUE
TAKOMA PARK, MD 20912

**ETHAN ALLEN GATEWAY
STREETSCAPE**

SHA TRACKING NO. 15APM0015XX
SHA CONTRACT NO. M00705125
FAP NO. TAP-3(481)E

SCALE: NTS SHEET 5 OF 85

REVISIONS

Δ ADDENDUM REVISION NO. 1 - MARCH 15, 2017

\\BALSRV03\2010\2010\0031_TakomaPK\Task_3.Ethan Allen_SIScope\Cadd\Plans\p10-P0002A.ethan_allen.dgn
Friday, March 10, 2017 AT 01:53 AM

△ GRINDING ASPHALT PAVEMENT 0 INCH TO 2 INCH		
STA. 302+58 TO STA. 307+96, RT	2,655 SY	
STA. 304+08 TO STA. 304+20, RT	8 SY	
STA. 302+58 TO STA. 307+96, LT	2,386 SY	
STA. 303+50 TO STA. 304+39, LT	57 SY	
STA. 305+38 TO STA. 305+67, LT	31 SY	
△ 9 INCH PLAIN PORTLAND CEMENT CONCRETE, MIX 9		
STA. 307+17.91 TO STA. 307+94.97, RT	88 SY	
STA. 303+81.03 TO STA. 304+67.50, LT	94 SY	
△ 8 INCH PORTLAND CEMENT CONCRETE FOR DRIVEWAY, MIX 9		
STA. 303+41.46 TO STA. 303+46.24, RT	4 SY	
STA. 303+51.65 TO STA. 303+86.55, RT	25 SY	
STA. 306+79.37 TO STA. 307+19.54, RT	66 SY	
STA. 303+36.52 TO STA. 303+85.67, LT	70 SY	
STA. 305+52.39 TO STA. 305+64.13, LT	7 SY	
△ STANDARD TYPE A COMBINATION CURB AND GUTTER, ANY HEIGHT OR DEPTH		
STA. 303+41.46 TO STA. 303+86.55, RT	44 LF	
STA. 303+96.72 TO STA. 304+30.76, RT	85 LF	
STA. 304+32.98 TO STA. 304+58.26, RT	67 LF	
STA. 304+91.32 TO STA. 307+94.70, RT	373 LF	
STA. 306+35.19 TO STA. 307+95.53, RT (MEDIAN)	325 LF	
STA. 302+60.93 TO STA. 305+54.39, LT	316 LF	
STA. 306+19.50 TO STA. 307+15.33, LT	246 LF	
STA. 306+98.96 TO STA. 307+96.64, LT	129 LF	
△ STANDARD TYPE A CURB ANY HEIGHT OR DEPTH		
STA. 303+41.46 TO STA. 303+54.39, RT	13 LF	
STA. 303+83.10 TO STA. 304+20.13, RT	151 LF	
STA. 304+38.96 TO STA. 304+56.44, RT	35 LF	
STA. 305+49.46 TO STA. 305+72.83, RT	55 LF	
STA. 306+70.80 TO STA. 306+76.51, RT	6 LF	
STA. 303+81.21 TO STA. 303+86.79, LT	15 LF	
STA. 303+81.21 TO STA. 305+40.37, LT	197 LF	
STA. 304+33.65 TO STA. 304+81.23, LT	49 LF	
STA. 305+40.87 TO STA. 305+85.26, LT	115 LF	
STA. 306+25.22 TO STA. 306+88.08, LT	142 LF	
STA. 307+07.12 TO STA. 307+78.01, LT	89 LF	
STA. 307+78.00 TO STA. 307+96.72, LT	18 LF	
△ MONOLITHIC CONCRETE MEDIAN		
6 FEET 0 INCH WIDE TYPE A-1	MD-645.01	
STA. 303+40.00 TO STA. 304+54.93, RT	114 LF	

△ DETECTABLE WARNING SURFACE FOR CURB RAMPS (RED) MD-655.40		
STA. 304+25, RT	11 SF	
STA. 304+41, RT	18 SF	
STA. 304+51, RT	14 SF	
STA. 304+52, RT	17 SF	
STA. 305+53, RT	12 SF	
STA. 305+92, RT	12 SF	
STA. 304+77, LT	10 SF	
STA. 305+43, LT	10 SF	
STA. 306+30, LT	17 SF	
STA. 306+40, LT	11 SF	
STA. 306+86, LT	12 SF	
STA. 307+05, LT	12 SF	

△ SPECIALTY PAVER – TYPE 2		
STA. 303+87.47 TO STA. 304+73.61, LT	866 SF	
STA. 307+17.95 TO STA. 307+96.66, LT	36 SF	
STA. 307+75.99 TO STA. 307+94.69, RT	654 SF	

△ 5 INCH CONCRETE SIDEWALK		
STA. 303+42.45 TO STA. 303+51.65, RT	49 SF	
STA. 303+86.29 TO STA. 304+30.41, RT	766 SF	
STA. 304+33.50 TO STA. 304+57.96, RT	302 SF	
STA. 304+91.80 TO STA. 306+79.36, RT	1,729 SF	
STA. 306+35.86 TO STA. 306+39.85, RT (MEDIAN)	16 SF	
STA. 307+19.31 TO STA. 307+75.99, RT	357 SF	
STA. 307+76.08 TO STA. 307+94.51, RT	149 SF	
STA. 302+62.01 TO STA. 303+36.52, LT	428 SF	
STA. 304+07.21 TO STA. 305+56.11, LT	1,039 SF	
STA. 306+10.56 TO STA. 306+28.19, LT	74 SF	
STA. 306+20.08 TO STA. 307+14.67, LT	445 SF	
STA. 306+99.69 TO STA. 307+96.74, LT	837 SF	

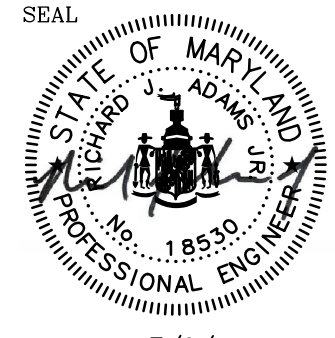
△ MIX NO. 8 CONCRETE FOR SWM STRUCTURES (GRAVITY WALLS)		
STA. 302+85.85 TO STA. 303+32.89, LT	16 CY	

△ MIX NO. 9 CONCRETE FOR MISCELLANEOUS STRUCTURES (CONCRETE ENCASEMENT FOR I-6)		
STA. 305+56, LT	2 CY	

△ CLASS 0 RIPRAP FOR SLOPE AND CHANNEL PROTECTION		
STA. 304+33, LT	1 SY	

CLEAN EXISTING PIPE ANY SIZE		
STA. 303+90 TO STA. 303+98, RT	10 LF	
STA. 304+21 TO STA. 304+30, RT	10 LF	
STA. 304+42 TO STA. 304+30, LT	10 LF	
STA. 305+44 TO STA. 305+45, RT	10 LF	
STA. 307+80 TO STA. 307+80, RT	30 LF	

CLEAN EXISTING INLET		
STA. 303+89, RT	1 EA	
STA. 303+90, RT	1 EA	
STA. 305+44, RT	1 EA	
STA. 305+71, LT	1 EA	

REVISIONS △ ADDENDUM REVISION NO. 1 – MARCH 15, 2017		 DATE : 7/6/16	 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	DESIGN BY: RJG	HOUSING AND COMMUNITY DEVELOPMENT CITY OF TAKOMA PARK 7500 MAPLE AVENUE TAKOMA PARK, MD 20912	ETHAN ALLEN GATEWAY STREETSCAPE SHA TRACKING NO. 15APM0015XX SHA CONTRACT NO. M00705125 FAP NO. TAP-3(481)E		
PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 18530, EXPIRATION DATE: DEC. 15, 2017				DRAWN BY: WRW				
				CHECK BY: RJG APRIL 2016				
SCALE: 1" = 20'					SHEET 24 OF 85			

\\SALSRV03\2010\2010\0031_TakomaPK\Task 3.Ethan Allen Streetscape\Code\Plans\p003-1.ehan allen.dgn
Friday, March 10, 2017 AT 01:56 AM

△ STANDARD TYPE A CURB ANY HEIGHT OR DEPTH

STA. 309+01.49 TO STA. 309+17.13, RT	34 LF
STA. 309+81.91 TO STA. 310+10.16, RT	49 LF
STA. 311+84.51 TO STA. 312+17.59, RT	32 LF
STA. 309+91.92 TO STA. 309+93.41, RT (MEDIAN)	6 LF
STA. 310+00.16 TO STA. 310+01.65, RT (MEDIAN)	6 LF
STA. 307+96.73 TO STA. 308+72.12, LT	75 LF
STA. 308+72.50 TO STA. 308+81.94, LT	13 LF
STA. 309+09.33 TO STA. 309+28.92, LT	25 LF
STA. 309+62.01 TO STA. 309+62.04, LT	12 LF
STA. 309+73.39 TO STA. 309+74.39, LT	11 LF
STA. 312+71.31 TO STA. 312+79.97, LT	9 LF

△ 5 INCH CONCRETE SIDEWALK

STA. 307+94.51 TO STA. 308+16.78, RT	141 SF
STA. 308+47.57 TO STA. 308+66.49, RT	124 SF
STA. 309+02.16 TO STA. 310+15.38, RT	790 SF
STA. 309+92.09 TO STA. 310+01.48, RT (MEDIAN)	38 SF
STA. 310+06.02 TO STA. 310+16.46, RT	91 SF
STA. 310+46.77 TO STA. 312+82.41, RT	1490 SF
STA. 307+96.75 TO STA. 308+81.96, LT	642 SF
STA. 309+08.93 TO STA. 309+28.90, LT	181 SF
STA. 309+57.89 TO STA. 309+72.67, LT	148 SF
STA. 309+93.39 TO STA. 310+44.09, LT	491 SF
STA. 310+70.09 TO STA. 311+21.29, LT	310 SF
STA. 311+39.74 TO STA. 312+54.71, LT	732 SF
STA. 312+71.52 TO STA. 312+79.67, LT	51 SF

△ GRINDING ASPHALT PAVEMENT 0 INCH TO 2 INCH

STA. 307+96 TO STA. 312+81, RT	1,511 SY
STA. 308+16 TO STA. 308+47, RT	13 SY
STA. 307+96 TO STA. 312+81, LT	1,435 SY

△ 9 INCH PLAIN PORTLAND CEMENT CONCRETE, MIX 9

STA. 307+94.97 TO STA. 308+18.70, LT	28 SY
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△ 8 INCH PORTLAND CEMENT CONCRETE FOR DRIVEWAY, MIX 9

STA. 308+16.78 TO STA. 308+47.57, RT	45 SY
STA. 308+66.50 TO STA. 309+04.50, RT	49 SY
STA. 310+05.61 TO STA. 310+16.56, RT	44 SY
STA. 308+81.96 TO STA. 309+62.01, LT	105 SY
STA. 309+71.39 TO STA. 309+93.39, LT	23 SY
STA. 310+44.09 TO STA. 310+70.09, LT	26 SY
STA. 311+21.29 TO STA. 311+39.74, LT	13 SY
STA. 312+54.91 TO STA. 312+71.52, LT	17 SY

△ STANDARD TYPE A COMBINATION CURB AND GUTTER, ANY HEIGHT OR DEPTH

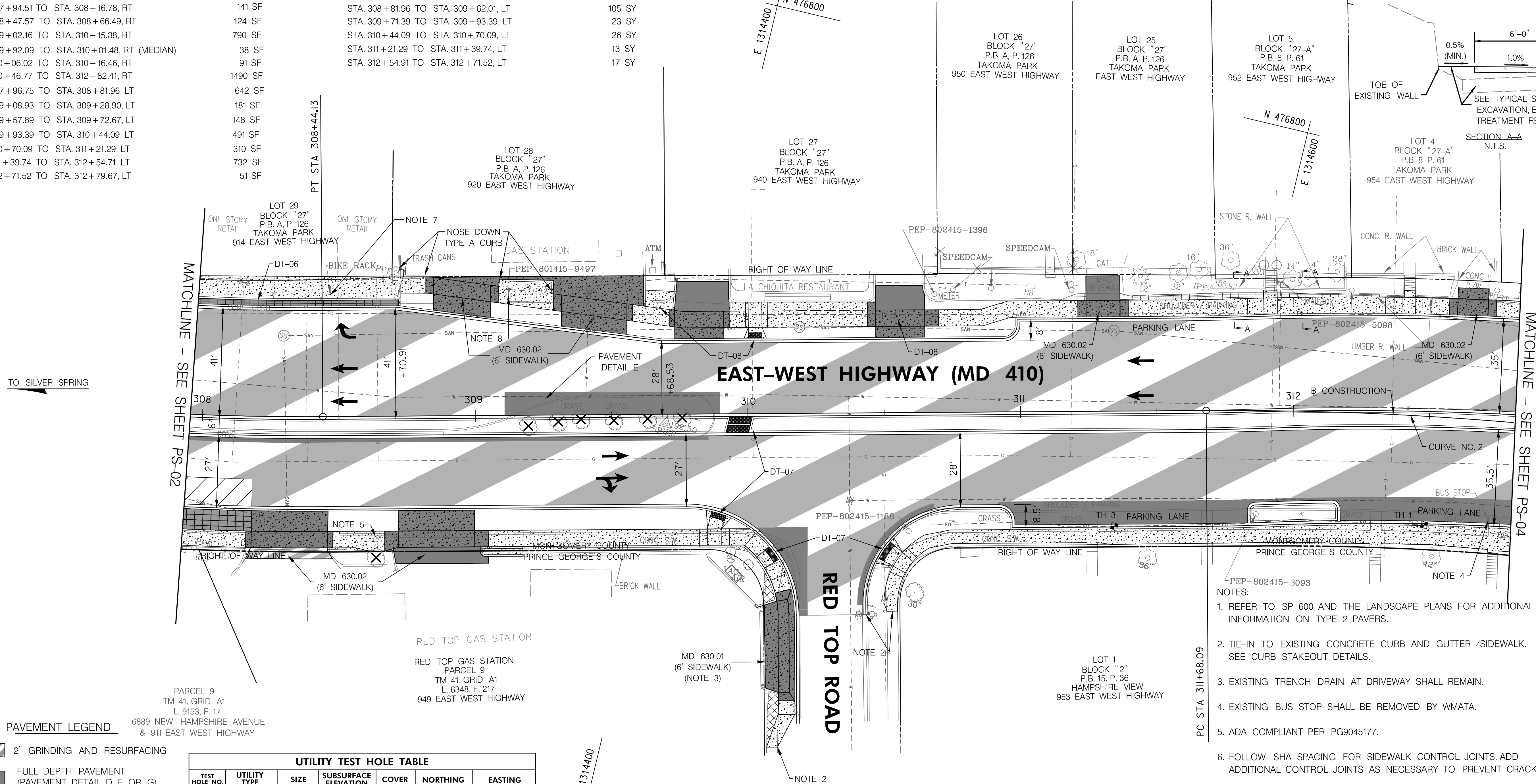
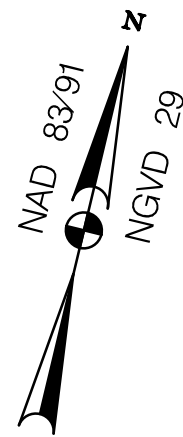
STA. 307+94.70 TO STA. 310+17.23, RT	287 LF
STA. 310+42.76 TO STA. 312+82.38, RT	305 LF
STA. 307+95.37 TO STA. 312+81.08, RT (MEDIAN)	486 LF
STA. 307+95.52 TO STA. 311+99.38, RT (MEDIAN)	404 LF
STA. 311+99.38 TO STA. 312+80.88, LT (MEDIAN)	82 LF
STA. 307+96.64 TO STA. 312+79.68, LT	490 LF

△ DETECTABLE WARNING SURFACE FOR CURB RAMPS (RED) MD-655.40

STA. 310+89, RT	11 SF
STA. 309+96, RT (MEDIAN)	16 SF
STA. 309+97, RT (MEDIAN)	16 SF
STA. 310+09, RT	12 SF
STA. 310+50, RT	14 SF
STA. 310+03, LT	10 SF

△ SPECIALTY PAVER - TYPE 2

STA. 307+94.69 TO STA. 308+18.70, RT	188 SF
STA. 307+96.66 TO STA. 308+72.12, LT	147 SF



PAVEMENT LEGEND

- 2" GRINDING AND RESURFACING
- FULL DEPTH PAVEMENT (PAVEMENT DETAIL D, E OR G)
- 10" JOINTED PLAIN PCC BUS PAD (PAVEMENT DETAIL F)
- CONCRETE SIDEWALK
- CONCRETE ENTRANCE
- SPECIALTY PAVER - TYPE 2
- PAVEMENT OR SIDEWALK REMOVAL (PAID FOR AS CLASS I EXCAVATION)
- TREE REMOVAL (SEE LANDSCAPE PLAN, LD-03)

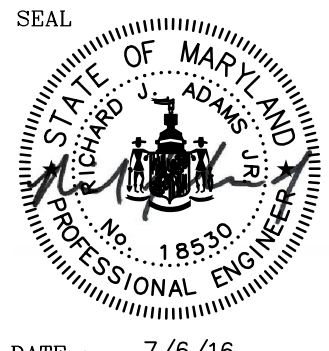
UTILITY TEST HOLE TABLE					
TEST HOLE NO.	UTILITY TYPE	SIZE	SUBSURFACE ELEVATION	COVER	NORTHING EASTING
TH-1	VERIZON BUSINESS (FO)	(4+1) 1/4'	170.84	5.89	476,669.98 1,314,675.00
TH-3	VERIZON BUSINESS (FO)	N/A*	176.56*	8.68*	476,643.01 1,314,564.65

*NO UTILITY FOUND. LARGE ROCKS ENCOUNTERED AT EL. 176.56. DESIGNATION INSTRUMENTS INDICATE THE FIBER OPTIC DUCTS LIE UNDER THE ROCKS

REVISIONS

- △ ADDENDUM REVISION NO. 1 - MARCH 15, 2017

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 18530, EXPIRATION DATE: DEC. 15, 2017



RK&K
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Engineers | Construction Managers | Planners | Scientists
www.rkk.com

DESIGN BY: RJG
DRAWN BY: WRW
CHECK BY: RJG
APRIL 2016

HOUSING AND COMMUNITY DEVELOPMENT
CITY OF TAKOMA PARK
7500 MAPLE AVENUE
TAKOMA PARK, MD 20912

ETHAN ALLEN GATEWAY STREETSCAPE
SHA TRACKING NO. 15APM0015XX
SHA CONTRACT NO. M00705125
FAP NO. TAP-3(481)E

SCALE: 1" = 20' SHEET 25 OF 85

ROADWAY PLAN

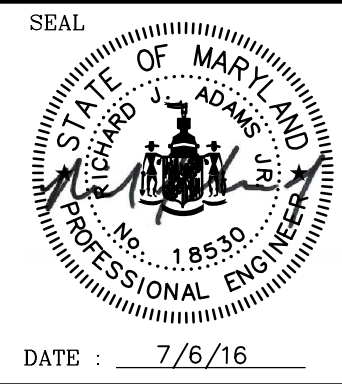
PS-03

\\SALSRV03\2010\2010\0031_TakomaPK\Task_3.Ethan_Allen_SFScope\Cadd\Plans\p004-P004.Lethan_allen.dgn
Friday, March 10, 2017 AT 08:00 AM

PAVEMENT LEGEND	
	2" GRINDING AND RESURFACING
	FULL DEPTH PAVEMENT (PAVEMENT DETAIL D, E OR G)
	10" JOINTED PLAIN PCC BUS PAD (PAVEMENT DETAIL F)
	CONCRETE SIDEWALK
	CONCRETE ENTRANCE
	SPECIALTY PAVER - TYPE 2
	PAVEMENT OR SIDEWALK REMOVAL (PAID FOR AS CLASS I EXCAVATION)

- NOTES:
- REFER TO SP 600 AND THE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON TYPE 2 PAVERS.
 - TIE-IN TO EXISTING CONCRETE CURB AND GUTTER /SIDEWALK. SEE CURB STAKEOUT DETAILS.
 - PROVIDE 5' MIN. WIDTH SIDEWALK BEHIND EXISTING UTILITY POLE.
 - RELOCATE EX. 6" WATER MAIN APPROXIMATELY STA. 313+28 TO STA. 313+91. RT. SEE WATER MAIN RELOCATION PLANS.
 - SEE SW-02 FOR STORMWATER MANAGEMENT DETAILS.
 - REMOVE AND RESET EXISTING FENCE BEHIND PROPOSED SIDEWALK AND TYPE A CURB (SEE SP 600-REMOVE AND RELOCATE FENCE).
 - FOLLOW SHA SPACING FOR SIDEWALK CONTROL JOINTS. ADD ADDITIONAL CONTROL JOINTS AS NECESSARY TO PREVENT CRACKING.

REVISIONS	
	ADDENDUM REVISION NO. 1 - MARCH 15, 2017
PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 18530, EXPIRATION DATE: DEC. 15, 2017	



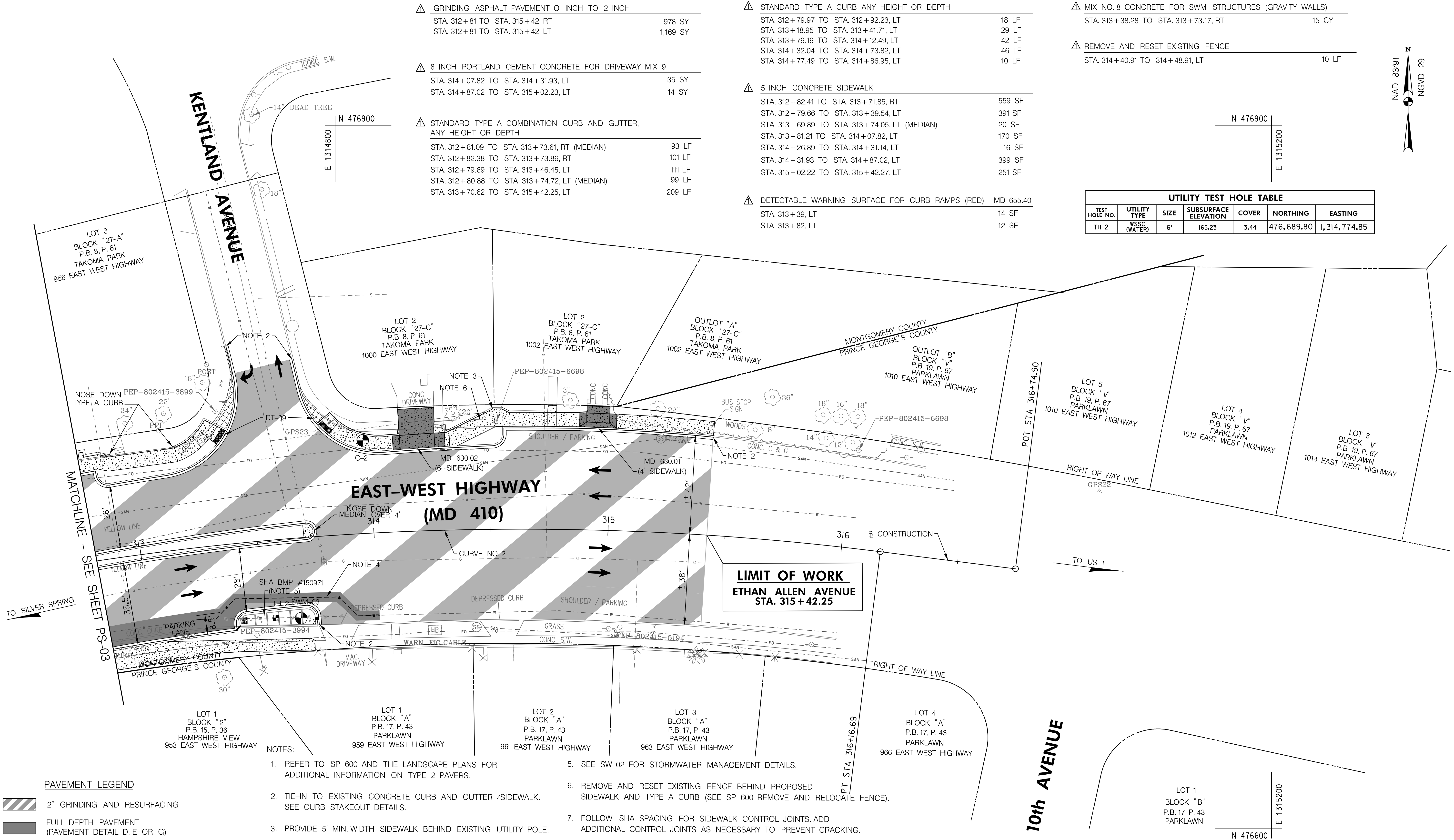
RK&K Rummel, Klepper & Kahl, LLP 81 MOSHER STREET BALTIMORE, MD 21217 PH: (410) 728-2900 FAX: (410) 728-3160 Engineers Construction Managers Planners Scientists www.rkk.com	
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APRIL 2016

HOUSING AND COMMUNITY DEVELOPMENT
CITY OF TAKOMA PARK
7500 MAPLE AVENUE
TAKOMA PARK, MD 20912

**ETHAN ALLEN GATEWAY
STREETSCAPE**
SHA TRACKING NO. 15APM0015XX
SHA CONTRACT NO. M00705125
FAP NO. TAP-3(481)E

SCALE: 1" = 20' SHEET 26 OF 85



GRINDING ASPHALT PAVEMENT 0 INCH TO 2 INCH	
STA. 312+81 TO STA. 315+42, RT	978 SY
STA. 312+81 TO STA. 315+42, LT	1,169 SY
8 INCH PORTLAND CEMENT CONCRETE FOR DRIVEWAY, MIX 9	
STA. 314+07.82 TO STA. 314+31.93, LT	35 SY
STA. 314+87.02 TO STA. 315+02.23, LT	14 SY
STANDARD TYPE A COMBINATION CURB AND GUTTER, ANY HEIGHT OR DEPTH	
STA. 312+81.09 TO STA. 313+73.61, RT (MEDIAN)	93 LF
STA. 312+82.38 TO STA. 313+73.86, RT	101 LF
STA. 312+79.69 TO STA. 313+46.45, LT	111 LF
STA. 312+80.88 TO STA. 313+74.72, LT (MEDIAN)	99 LF
STA. 313+70.62 TO STA. 315+42.25, LT	209 LF

STANDARD TYPE A CURB ANY HEIGHT OR DEPTH	
STA. 312+79.97 TO STA. 312+92.23, LT	18 LF
STA. 313+18.95 TO STA. 313+41.71, LT	29 LF
STA. 313+79.19 TO STA. 314+12.49, LT	42 LF
STA. 314+32.04 TO STA. 314+73.82, LT	46 LF
STA. 314+77.49 TO STA. 314+86.95, LT	10 LF
5 INCH CONCRETE SIDEWALK	
STA. 312+82.41 TO STA. 313+71.85, RT	559 SF
STA. 312+79.66 TO STA. 313+39.54, LT	391 SF
STA. 313+69.89 TO STA. 313+74.05, LT (MEDIAN)	20 SF
STA. 313+81.21 TO STA. 314+07.82, LT	170 SF
STA. 314+26.89 TO STA. 314+31.14, LT	16 SF
STA. 314+31.93 TO STA. 314+87.02, LT	399 SF
STA. 315+02.22 TO STA. 315+42.27, LT	251 SF
DETECTABLE WARNING SURFACE FOR CURB RAMPS (RED) MD-655.40	
STA. 313+39, LT	14 SF
STA. 313+82, LT	12 SF

MIX NO. 8 CONCRETE FOR SWM STRUCTURES (GRAVITY WALLS)	
STA. 313+38.28 TO STA. 313+73.17, RT	15 CY
REMOVE AND RESET EXISTING FENCE	
STA. 314+40.91 TO STA. 314+48.91, LT	10 LF

UTILITY TEST HOLE TABLE						
TEST HOLE NO.	UTILITY TYPE	SIZE	SUBSURFACE ELEVATION	COVER	NORTHING	EASTING
TH-2	WSSC (WATER)	6"	165.23	3.44	476,689.80	1,314,774.85

