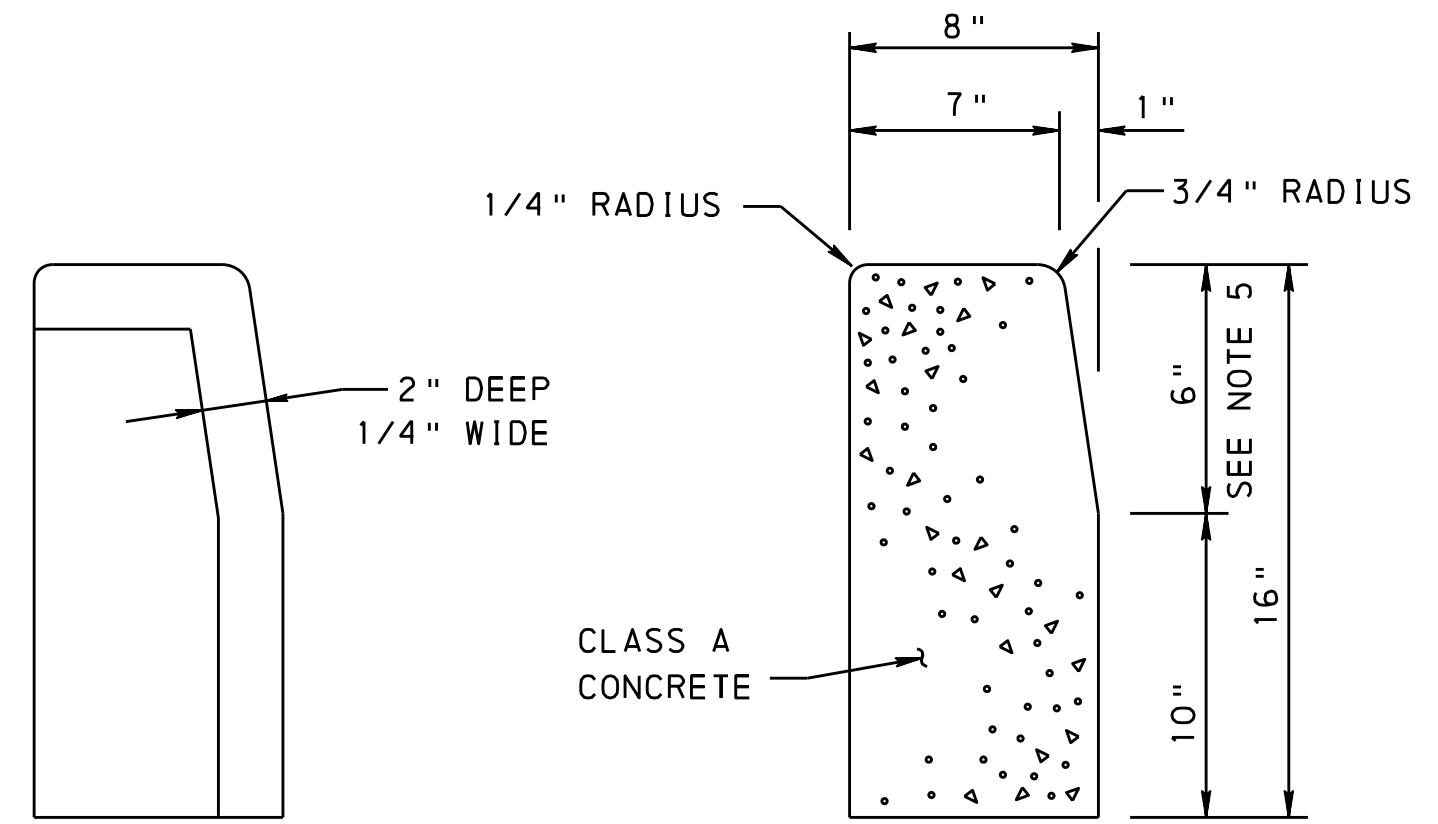


SUMMARY OF PROJECT COORDINATES

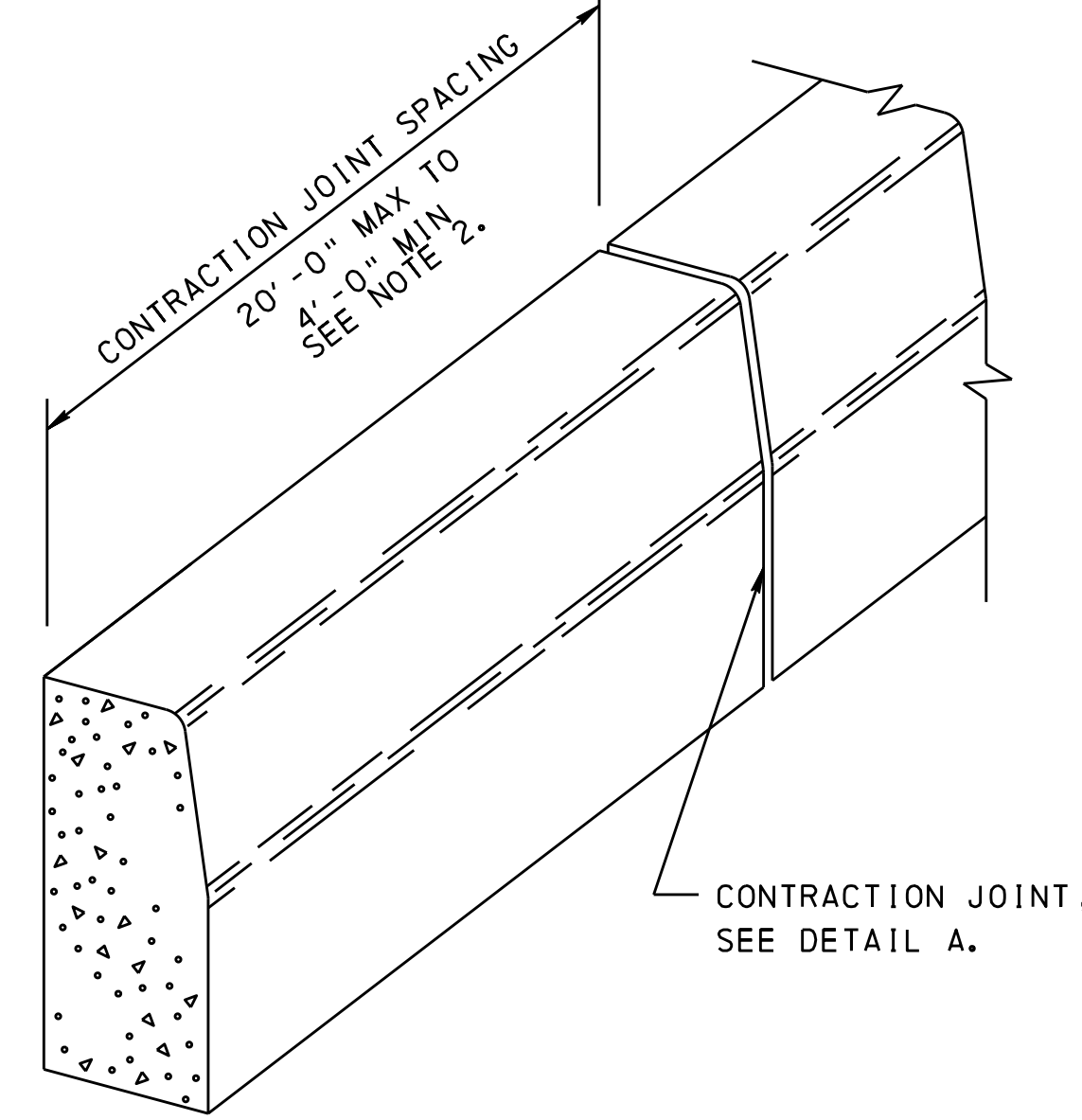
BASED ON STATE PLANE COORDINATE SYSTEM

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
SR 422 CONSTR B	517+72.05	POB	345845.1299	2271209.5262	N33°52'14"E
	531+49.50	PC	346988.8256	2271977.2016	N33°52'14"E
	533+99.69	PI	347196.5593	2272116.6373	N63°13'14"E
	536+38.89	PT	347309.2852	2272339.9946	N63°13'14"E
	576+22.80	PI	349104.2709	2275896.6141	N62°42'14"E
	602+17.81	POE	350294.3197	2278202.6638	N62°42'14"E
SR 743 CONSTR B	401+80.00	POB	348215.3370	2275732.6299	N26°51'47"W
	404+19.56	PC	348429.0468	2275624.3817	N26°51'47"W
	405+21.23	PI	348519.7405	2275578.4436	N67°26'27"W
	406+14.32	PT	348558.7429	2275484.5581	N67°26'27"W
	407+41.24	PC	348607.4338	2275367.3507	N67°26'27"W
	408+42.31	PI	348646.2071	2275274.0169	N27°04'56"W
	409+34.95	PT	348736.1926	2275228.0041	N27°04'56"W
	412+82.73	PC	349045.8418	2275069.6699	N27°04'56"W
	413+11.00	PI	349071.0148	2275056.7980	N27°04'56"W

FOUR (4) PLACE COORDINATES ARE USED FOR COMPUTATIONAL PURPOSES ONLY AND DO NOT IMPLY A PRECISION BEYOND TWO (2) PLACES.



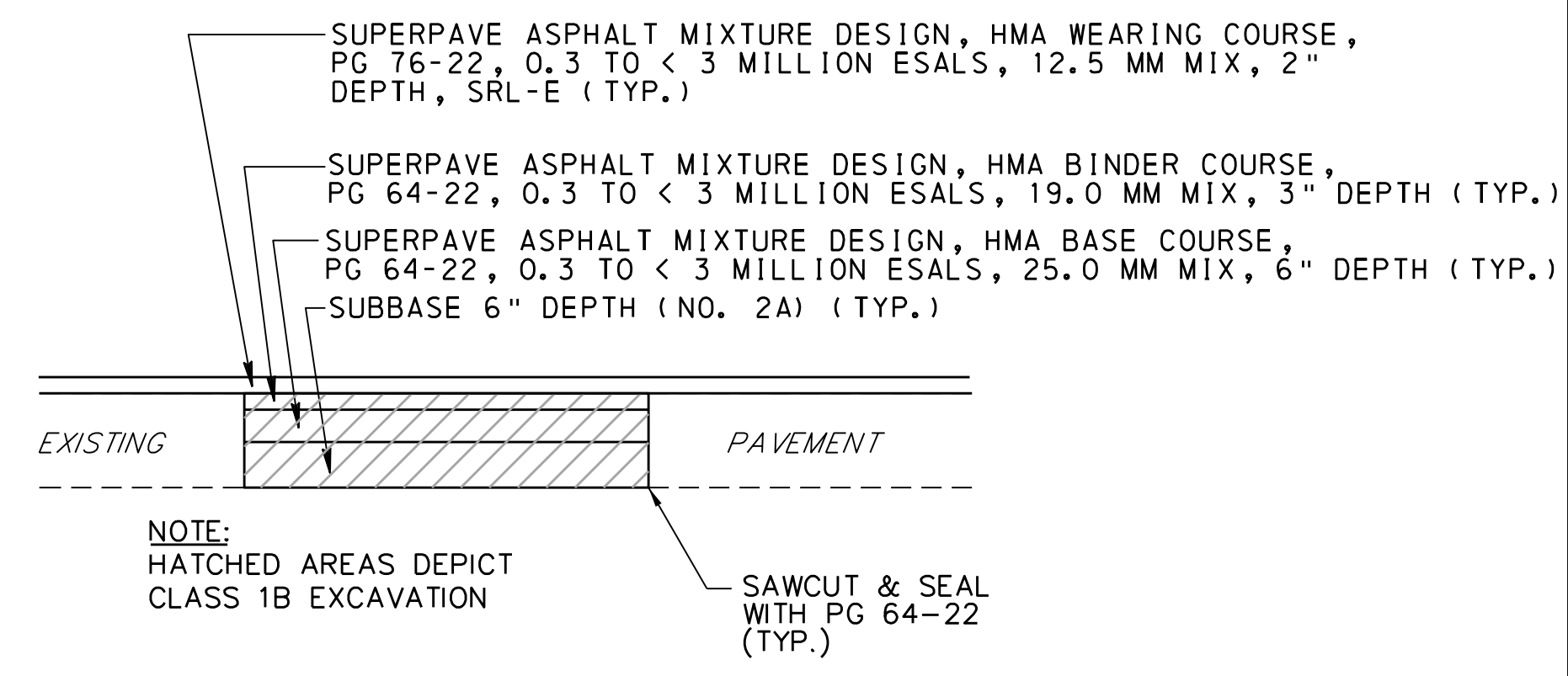
DETAIL A CONTRACTION JOINT TYPICAL CROSS SECTION



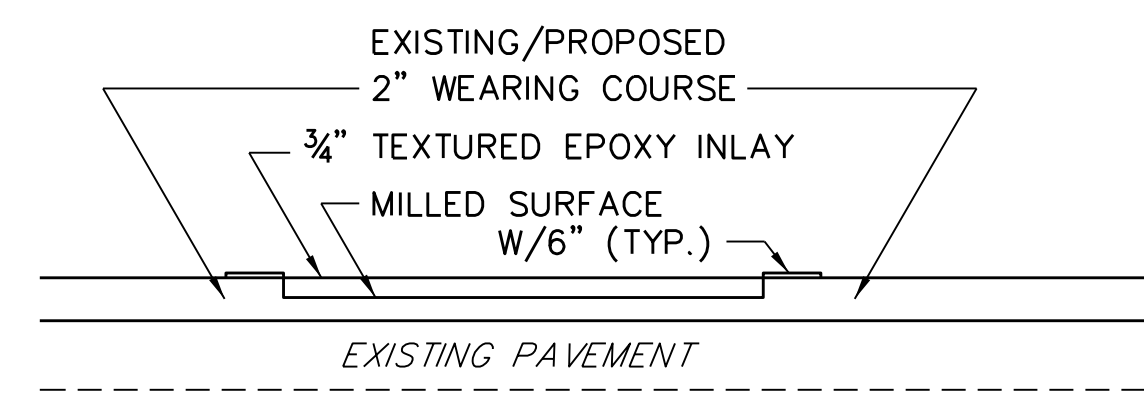
6" PLAIN CEMENT CONCRETE CURB

CURB CONSTRUCTION NOTES

1. PROVIDE MATERIALS AND CONSTRUCTION MEETING THE REQUIREMENTS OF PUBLICATION 408, SECTION 630 FOR PLAIN CEMENT CONCRETE CURB AND DEPRESSED CURB, SECTION 640 FOR PLAIN CEMENT CONCRETE GUTTER AND SECTION 641 FOR PLAIN CEMENT CONCRETE CURB GUTTER. SPACE CONTRACTION JOINTS IN UNIFORM LENGTHS OR SECTIONS.
2. PLACE 3/4" THICK PREMOLDED EXPANSION JOINT FILLER MATERIAL AT STRUCTURES AND AT THE END OF THE WORK DAY. CUT MATERIAL TO CONFORM TO AREA ADJACENT TO CURB OR TO CONFORM TO CROSS SECTIONAL AREA OF CURB.
3. TAPER CURB 1" PER EVERY 10' TO TIE INTO EXISTING CURB, AS NECESSARY.
4. CURB HEIGHT VARIES FROM 8" TO 10" BETWEEN STATION 563+08.16 AND 565+56.60. SEE TYPICAL SECTION AND CROSS SECTIONS.



CONDUIT TRENCH RESTORATION NOT TO SCALE

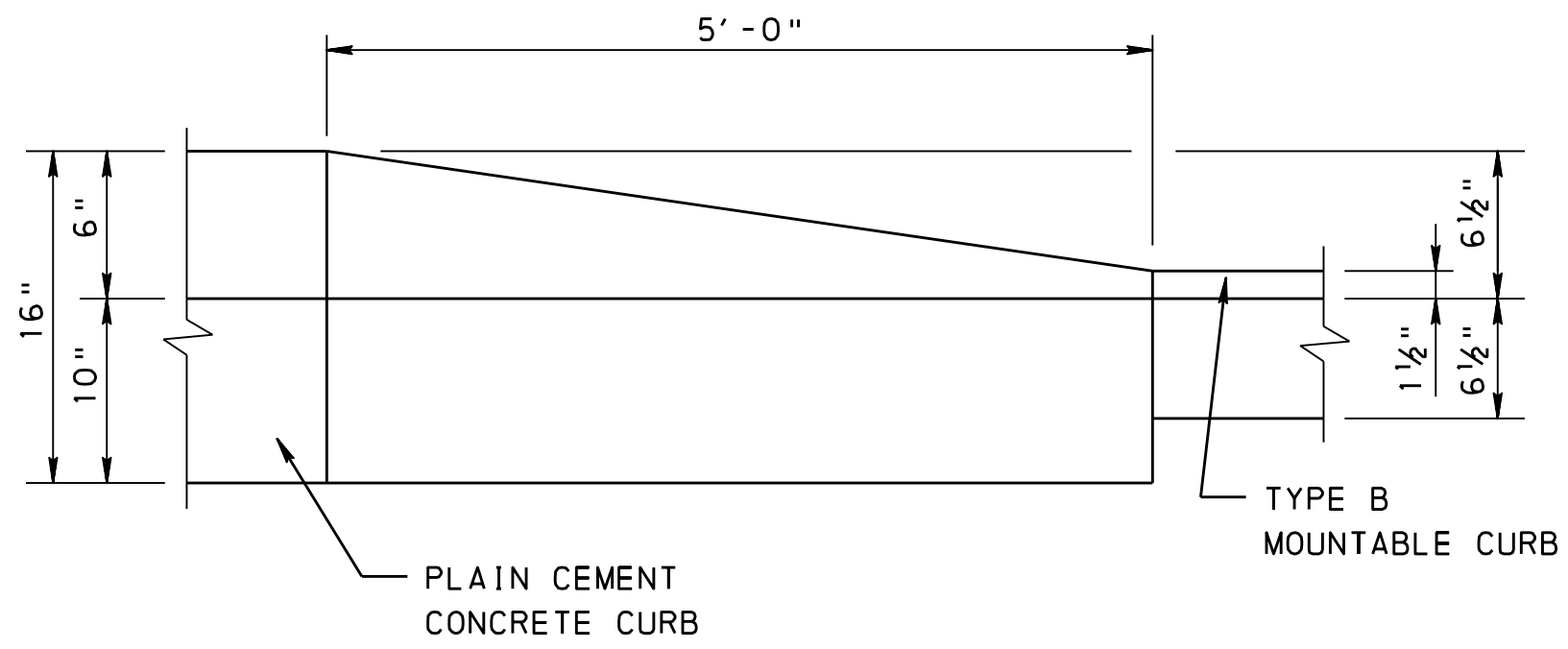


DECORATIVE CROSSWALK IN BITUMINOUS ROADWAY NOT TO SCALE

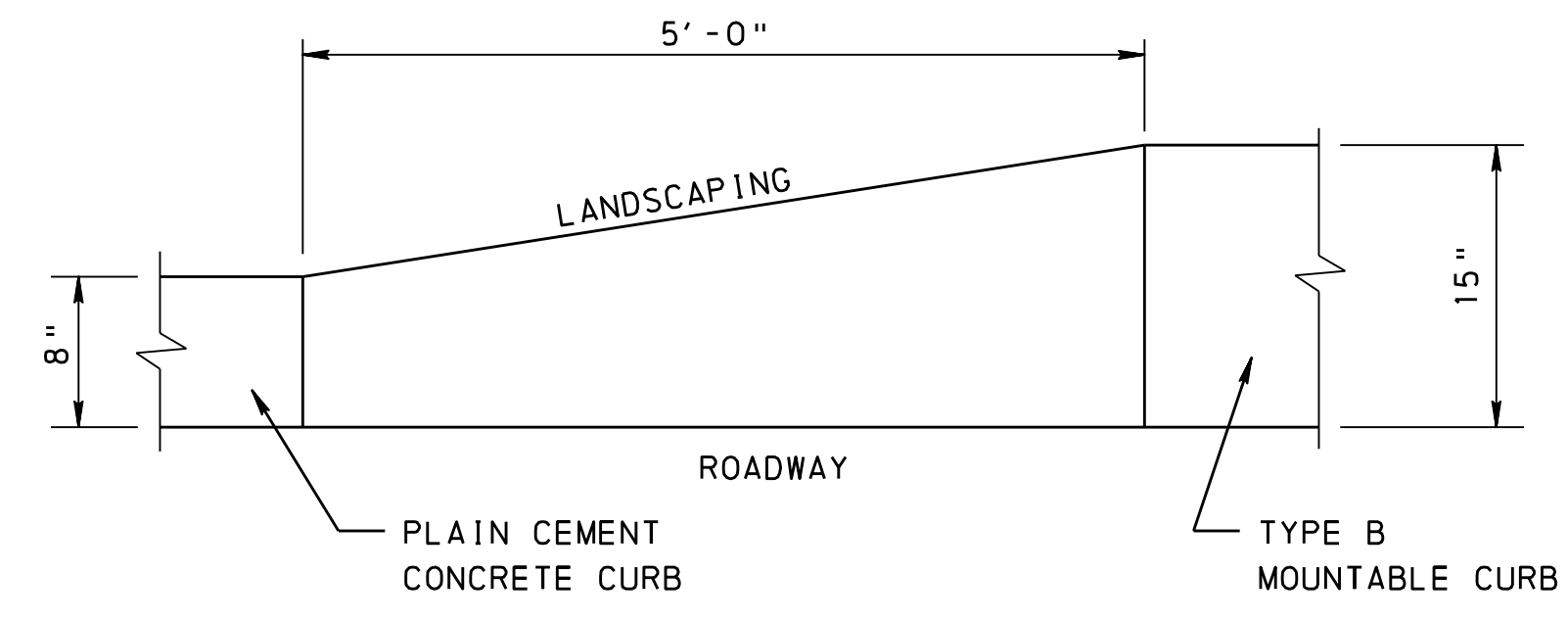
NOTES:
LINESTRIPE TYPE ADJACENT TO DECORATIVE CROSSWALK IN ACCORDANCE WITH SIGNING AND PAVEMENT MARKING PLANS.

STATION AND OFFSET CALLOUTS FOR EPOXY INLAY ADJACENT TO LONGITUDINAL WHITE LINES GENERALLY REFLECT THE CENTER OF THE PAVEMENT MARKING. PAVEMENT MARKING LOCATIONS SHOULD BE IDENTIFIED IN THE FIELD TO ENSURE THE ENTIRE WIDTH OF PAINT IS LOCATED ALONG BITUMINOUS PAVEMENT. ADJUST THE LIMIT OF EPOXY INLAY TO ENSURE NO OVERLAP WITH STRIPING THICKNESS.
MINIMUM WIDTH OF DECORATIVE PAVING = 1'

REMOVED STAMPED GORE



ELEVATION

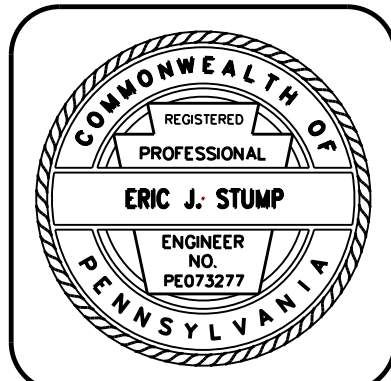


PLAN

VERTICAL CURB TO MOUNTABLE CURB TRANSITION DETAIL NOT TO SCALE

FILE NAME: P:\0024\002484_0477\AM\icr\os\to\ton\HOP\NT24840477_HOP_CNSTRDRTL01.dgn
PLOT DATE: 8/9/2018 11:59:33 AM
PLOT TABLE: file_date_user.tbl
PLOT DRIVER: R:\Microstation\standards\p10\dr-v\XMA\PDF\pdf_bw_full.plt.ctb

NO.	CHANGE ORDER #1	DATE	BY
		07/2018	JBL
	REVISION		



HRG
Herbert, Rowland & Grubic, Inc.
Engineering & Related Services
369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
Fax (717) 564-1158
Email: hrg@hrg-inc.com
Website: www.hrg-inc.com
Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
State College ■ Pittsburgh

TOWNSHIP OF DERRY
600 CLEARWATER ROAD
HERSHEY, PA 17033
(717) 533-2057

CONSTRUCTION DETAILS FOR HIGHWAY OCCUPANCY PERMIT PLAN SR 422 STREETSCAPE PROJECT
DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- CAH
CADD- CAH
CHECKED- EJS
SCALE- NTS
DATE- FEB 2016

SHEET NO. 2
DRAWING NO. 2 OF 42
PROJECT 2484.0477

WORK ZONE TRAFFIC CONTROL (WZTC) NOTES

THIS WORK CONSISTS OF THE MAINTENANCE AND PROTECTION OF THE PUBLIC WHEN APPROACHING AND DEPARTING THE CONSTRUCTION AREA AND WITHIN THE LIMITS OF CONSTRUCTION.

NO TRAFFIC RESTRICTIONS OR LANE CLOSURES ARE PERMITTED BETWEEN THE HOURS OF 6:00 AM TO 9:00 AM AND 3:00 PM TO 6:00 PM MONDAYS THRU FRIDAYS OR ON LEGAL HOLIDAYS AND WEEKENDS ASSOCIATED WITH LEGAL HOLIDAYS. ALL RESTRICTIONS AND CLOSURES ARE TO BE REMOVED BY NOON ON THE DAY PRIOR TO THE LEGAL HOLIDAY.

FURNISH, ERECT, PLACE AND MAINTAIN TRAFFIC CONTROL SIGNS AND DEVICES. MAINTAIN TRAFFIC DURING HOURS OF CONSTRUCTION AND AT ALL OTHER TIMES CONSISTENT WITH THE METHODS INDICATED ON THESE DRAWINGS AND THE FOLLOWING:

1. PENNDOT PUBLICATION 35
2. PENNDOT PUBLICATION 46
3. PENNDOT PUBLICATION 72M
4. PENNDOT PUBLICATION 111
5. PENNDOT PUBLICATION 212
6. PENNDOT PUBLICATION 213
7. PENNDOT PUBLICATION 236
8. PENNDOT PUBLICATION 408
9. MUTCD (CURRENT EDITIONS)

REMOVE THESE DEVICES IMMEDIATELY UPON COMPLETION OF THE WORK. PENNDOT WILL REMOVE ANY TRAFFIC CONTROL DEVICES ERECTED BY DEPARTMENT FORCES.

PERMITTEE MUST ARRANGE FOR INSPECTION OF ALL TRAFFIC CONTROL DEVICES PRIOR TO START OF WORK.

COVER OR REMOVE ALL CONFLICTING SIGNS AND ERADICATE ALL CONFLICTING PAVEMENT MARKINGS.

MOUNT ALL LONG-TERM ADVANCE WARNING SIGNS ON TYPE III BARRICADES UNLESS OTHERWISE NOTED OR INSTRUCTED BY DISTRICT OFFICE.

ALL SIGNS AND DEVICES TO BE MAINTAINED IN NEW OR LIKE NEW CONDITION.

DRIVEWAYS WILL BE KEPT ACCESSIBLE AT ALL TIMES. LOCATE ALL SIGNS SO THAT SIGHT DISTANCES WILL NOT BE OBSTRUCTED AT DRIVEWAYS AND LOCAL ROADS.

ALL CHANNELIZING DEVICES, BARRICADES, AND SIGNS SHALL HAVE TYPE III OR BETTER PRISMATIC RETROREFLECTIVE SHEETING. SHEETING SHALL BE APPROVED AND LISTED IN PENNDOT PUBLICATION 35, (BULLETIN 15).

PERMITTEE SHALL NOTIFY LOCAL EMERGENCY AUTHORITIES (E.G. POLICE, FIRE, MEDICAL), AFFECTED BUSINESSES, SCHOOL DISTRICTS, THE GENERAL PUBLIC, THE DISTRICT PERMIT MANAGER AND THE DISTRICT APRAS COORDINATOR AT LEAST FOURTEEN DAYS PRIOR TO ANY SIGNIFICANT TRAFFIC IMPACTS (E.G., LATERAL WIDTH RESTRICTIONS LESS THAN 16 FEET, DETOURS).

MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH PATA DRAWINGS [101,102,103,104,107,109,110,121,122,124,126,128,129,130,202,203,204,218 AND 219] IN THE CURRENT PENNDOT PUBLICATION 213, "TEMPORARY TRAFFIC CONTROL GUIDELINES."

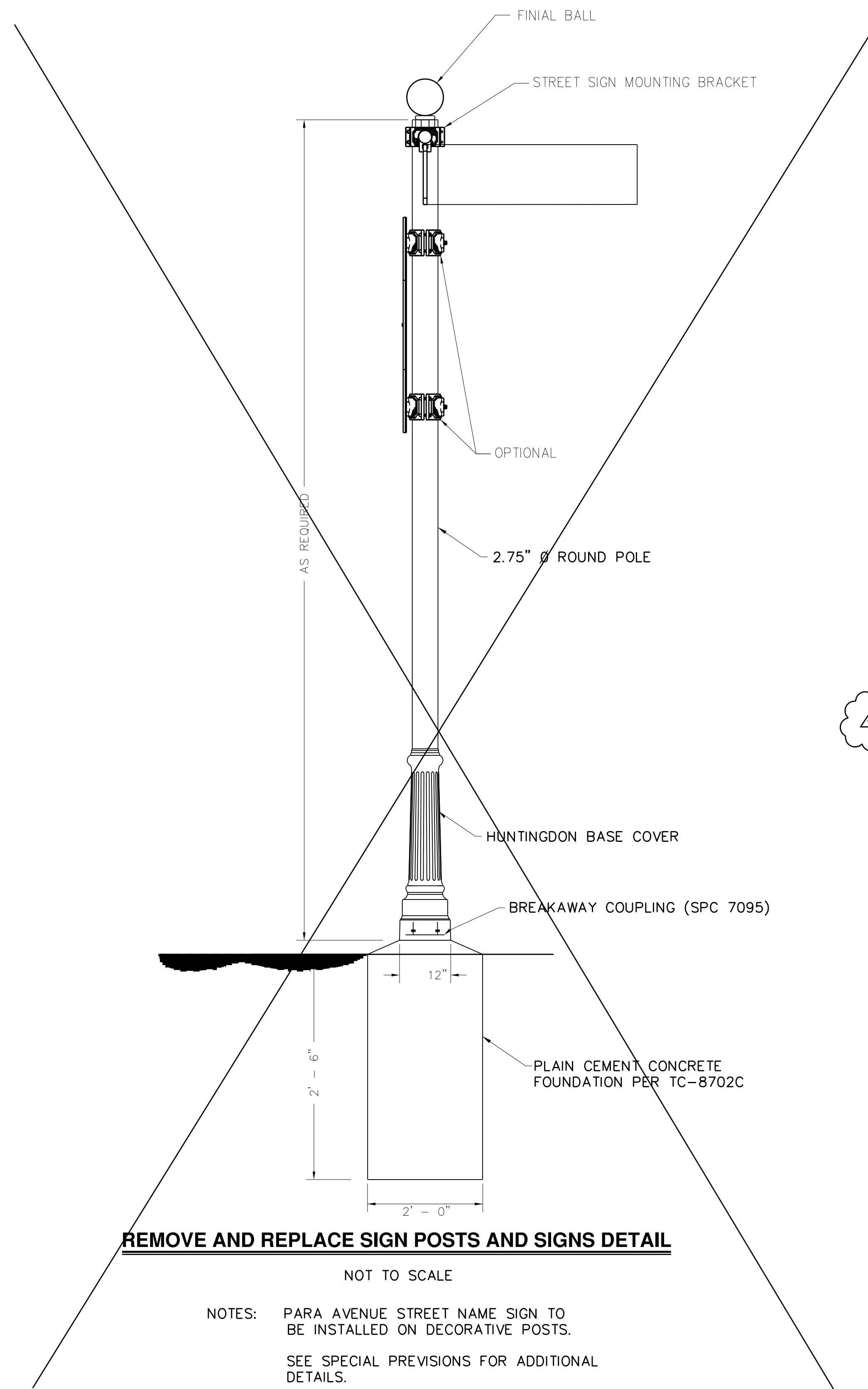
DROPOFFS CREATED BY CONSTRUCTION OPERATIONS SHALL BE TREATED CONSISTENT WITH PUBLICATION 408, SECTION 901.3(J).

REMOVE ALL SHORT-TERM MPT SIGNING UPON COMPLETION OF THAT DAY'S WORK PERIOD.

RESTRICTING TRAFFIC FLOW WITHIN THE WORK AREA SHALL BE MINIMIZED TO PREVENT TRAFFIC CONGESTION AND UNSAFE TRAFFIC CONDITIONS

NOTIFY THE LOCAL MUNICIPALITY WHERE SIGNALIZED INTERSECTIONS FALL WITHIN THE WORK ZONE. DO NOT FLAG A SIGNALIZED INTERSECTION WITHOUT THE MUNICIPALITY PLACING THE SIGNAL ON FLASH.

THE CONTRACTOR SHALL COMPLY WITH ACT 229 OF DECEMBER 2002 DURING CONSTRUCTION ACTIVITIES WITHIN PENNDOT'S RIGHT-OF-WAY.



PROPOSED DECORATIVE SIGN POST
 ELIMINATED AS PART OF CHANGE
 ORDER #2

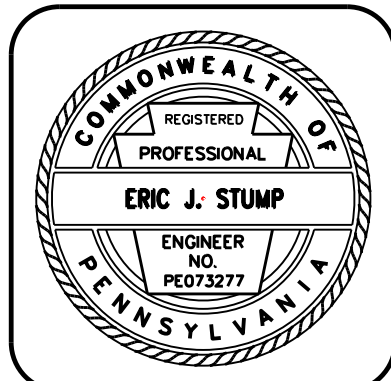
REMOVE AND REPLACE SIGN POSTS AND SIGNS DETAIL

NOT TO SCALE

- NOTES:
- PARA AVENUE STREET NAME SIGN TO BE INSTALLED ON DECORATIVE POSTS.
 - SEE SPECIAL PREVISIONS FOR ADDITIONAL DETAILS.

FILE NAME: P:\0024\002484_0477\micr\os\to\ton\HOP\T24840477_HOP_CNSTRDITL02.dgn
 PLOTTED: 8/7/2018 2:09:42 PM
 PEN TABLE: file_date_user_tb
 PLOT DRIVER: ct\micr\os\to\ton\as\randor\ds\p\to\dr\vxm\PDF\pdf_bw_ful\l.plt.ctg

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL



Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
600 CLEARWATER ROAD
HERSHEY, PA 17033

(717) 533-2057

CONSTRUCTION DETAILS
FOR
HIGHWAY OCCUPANCY
PERMIT PLAN
SR 422 STREETScape PROJECT

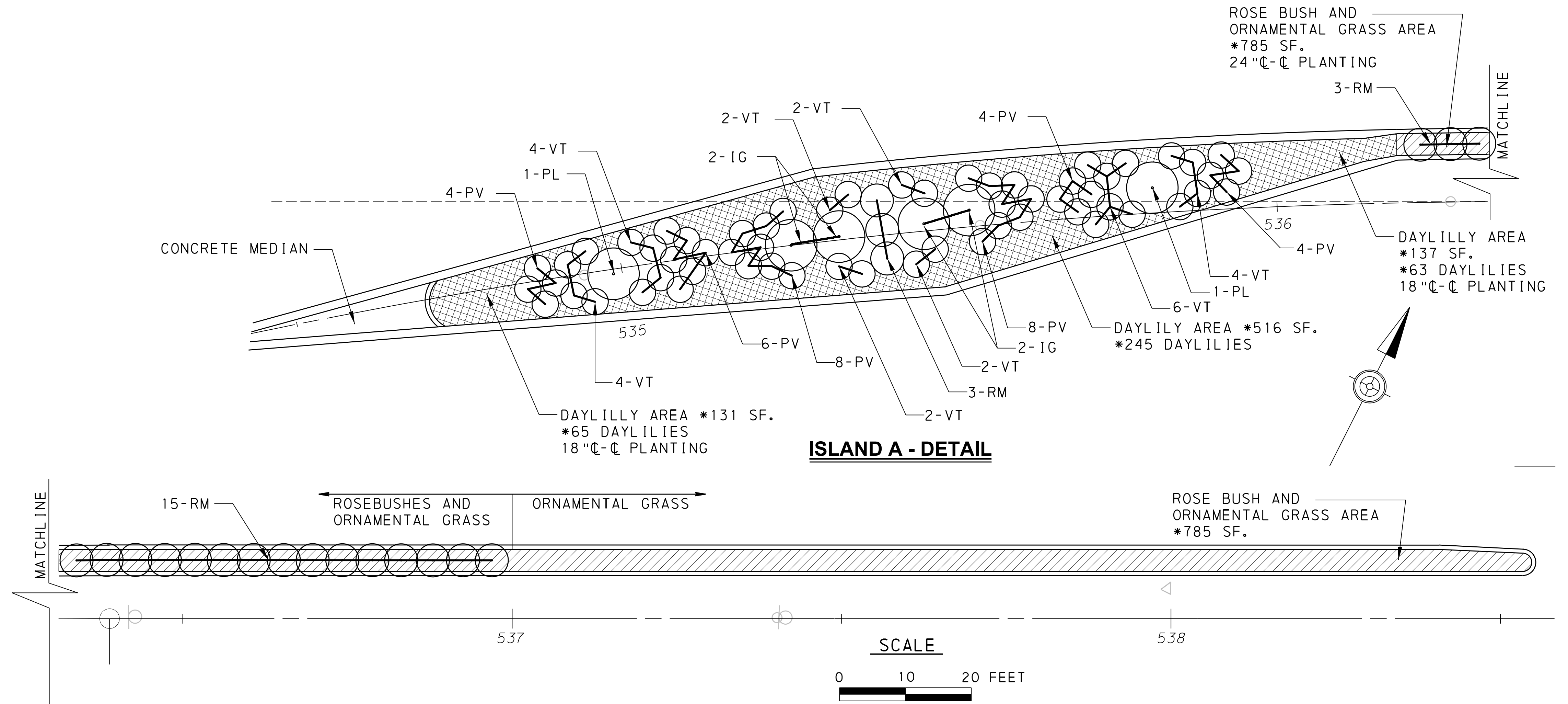
DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- CAH
CADD- CAH
CHECKED- EJS
SCALE- NTS
DATE- FEB 2016

SHEET NO.
3
DRAWING NO.
3 OF 42
PROJECT 2484.0477

LANDSCAPE NOTES

1. FERTILIZE ALL PLANTINGS IN ACCORDANCE WITH PENNDOT PUBLICATION 408 SPECIFICATIONS AND MULCH WITH MIN. 3" SHREDDED AND TANNED OAK BARK AROUND ALL NEW PLANTS IN CONTINUOUS BEDS AS INDICATED ON THE PLAN (FERTILIZE IN SPRING ONLY). A SOIL TEST SHALL BE PERFORMED BY A QUALIFIED LABORATORY. ADJUSTMENT TO PLANT AND FERTILIZER MATERIAL AND APPLICATION SHALL BE MADE AS AUTHORIZED BY OWNER, UNDER THE DIRECTION OF THE DESIGN PROFESSIONAL, IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
2. ALL DISTURBED OR DAMAGED AREAS SHALL BE REPAIRED AND REFINISHED WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACES.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE BEFORE PROCEEDING WITH EACH PHASE OF WORK. LOCATIONS OF EXISTING AERIAL OR SUB-SURFACE UTILITY LINES INDICATED ARE APPROXIMATE AND NEITHER THE OWNER NOR ENGINEER GUARANTEE THE ACCURACY OR COMPLETENESS OF THESE LOCATIONS. IF THERE ARE ANY CONFLICTS DUE TO EXISTING OR AS-BUILT CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR FIELD ADJUSTMENT APPROVAL.
4. CONTRACTOR SHALL NOTIFY PA ONE-CALL BY CALLING 1 (800) 242-1776. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DISTURBING ALL EXISTING UTILITY LINES WHETHER MAPPED, MARKED OR ENCOUNTERED DURING CONSTRUCTION.
5. ALL SHRUBBERY AND PLANTS SHALL HAVE A NORMAL HABIT OF GROWTH, AND SHALL BE SOUND, HEALTHY, VIGOROUS AND FREE OF DISEASE, INSECTS, INSECT EGGS AND LARVAE.
6. ALL PLANTINGS AND RELATED WORK SHALL BE PERFORMED IN CONFORMANCE WITH PENNDOT PUBLICATION 408 SPECIFICATIONS, GOOD NURSERY AND LANDSCAPE PRACTICES AND TO OTHER STANDARDS AS ESTABLISHED BY THE MUNICIPALITY.
7. REQUIREMENTS FOR MEASUREMENT, BRANCHING, GRADING, QUALITY AND BURLAPPING OF ALL PLANT MATERIAL SHALL FOLLOW THE CODE OF STANDARDS RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN THE AMERICAN STANDARD NURSERY STOCK, ANSIZ60, 1-1990, AS AMENDED.
8. COORDINATE THE PLACEMENT OF THE LANDSCAPING MATERIALS WITH WINDOW OR VENT LOCATIONS AND OTHER SITE IMPROVEMENTS.
9. PRE-EMERGENT HERBICIDE SHALL NOT BE USED ON GROUND COVER AREAS.
10. ALL DISTURBED AREAS NOT LANDSCAPED, PAVED OR BUILT UPON SHALL BE SEEDED, FERTILIZED AND MULCHED IN ACCORDANCE WITH PENNDOT FORMULA B MIX UNLESS OTHERWISE NOTED. REFER TO SEEDING SCHEDULE AND EROSION AND SEDIMENTATION CONTROL PLAN FOR OTHER REQUIREMENTS.
11. DECIDUOUS TREES THAT OVERHANG PEDESTRIAN OR VEHICULAR ROUTES SHALL BE MAINTAINED TO KEEP AWAY FROM GROUND TO A HEIGHT OF 8' FREE OF BRANCHES AND FOLIAGE.
12. CONTRACTOR TO PROVIDE CLEANUP, PROTECTION AND MAINTENANCE OF LANDSCAPED AREA UNTIL OWNER INSPECTION AND ACCEPTANCE.
13. WEED BARRIER MAT SHALL BE INSTALLED ON ALL LANDSCAPED AREAS EXCEPT ON GROUND COVER AREAS UNLESS OTHERWISE NOTED IN ACCORDANCE WITH PENNDOT PUBLICATION 408 SPECIFICATIONS.
14. QUANTITIES SHOWN ON THE PLAN SHALL GOVERN IF TOTALS DO NOT AGREE WITH PLANTINGS SCHEDULE QUANTITIES.
15. PLANTS SHALL BE MAINTAINED AND WARRANTED TO BE LIVING AND IN HEALTHY CONDITION FOR AT LEAST 12 MONTHS.



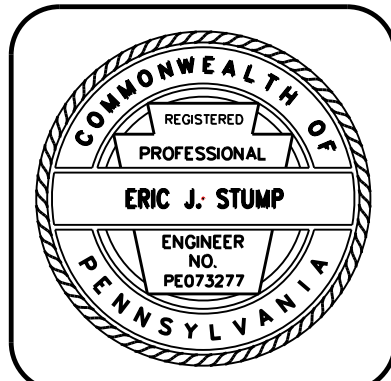
ISLAND A - PLANTING SCHEDULE

ID	QTY.	BOTANICAL NAME	COMMON NAME	MATURE SIZE/GENERAL TYPE	PLANTING SIZE/CONDITIONS
DECIDUOUS & EVERGREEN SHRUBS & ORNAMENTAL GRASS					
IG	4	<i>PRUNUS LAUROCERASUS 'OTTO LUYKEN'</i>	COMMON CHERRY LAUREL	3' HT./3'-4' SPR./EVERGREEN SHRUB	24" - 30" HT. / B&B
PV	34	<i>PANICUM VIRGATUM CVS.</i>	SWITCH GRASS	3' HT./2'-3' SPR./ORNAMENTAL GRASS	NO. 2 CONTAINER
RM	21	<i>ROSA 'MEIVAHYN'</i>	KNOCKOUT ROSES	2'-3' HT./2'-3' SPR./FLOWERING SHRUB	NO. 3 CONTAINER
VT	26	<i>VIBURNUM TRILOBUM 'COMPACTUM'</i>	COMPACT AMERICAN CRANBERRY BUSH	2'-3' HT./3'-4' SPR./SEMI-EVERGREEN SHRUB	#5 CONTAINER
ORNAMENTAL GRASS					
FO	25	<i>FESTUCA OVINA GLAUCA 'ELIJAH BLUE'</i>	ELIJAH BLUE FESCUE	8"-10" HT. ORNAMENTAL GRASS	NO. 2 CONTAINER
PA	50	<i>PENNISETUM ALOPECUROIDES 'LITTLE BUNNY'</i>	LITTLE BUNNY FOUNTAIN GRASS	12" MAX HT. ORNAMENTAL GRASS	NO. 2 CONTAINER

NOTES:
 If a specified plant type cannot be obtained due to availability. Only acceptable alternate plant types may be substituted without the approval of the Landscape Architect/Engineer/Owner.
 The stella d'oro daylillies spacing in the new planting beds is a 18" staggered spacing pattern (±748 sf.)
 If a specified plant type cannot be obtained due to availability. Only acceptable alternate plant types may be substituted without the approval of the Landscape Architect/Engineer/Owner.

FILE NAME: P:\0024\002484_0477\micr\ost\at\on\HOP\T24840477_HOP_LNDSCP_DTL01.dgn
 PLOTTED: 8/9/2018 2:14:05 PM
 PEN TABLE: file_date_user_tb
 PLOT DRIVER: RA_Microst\at\on\st\andar\ds\p\to\tr\va\XA\PDF\pdf_bw_full.plt;cg

NO.	REVISION	DATE	BY



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax: (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com

Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

LANDSCAPING DETAILS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

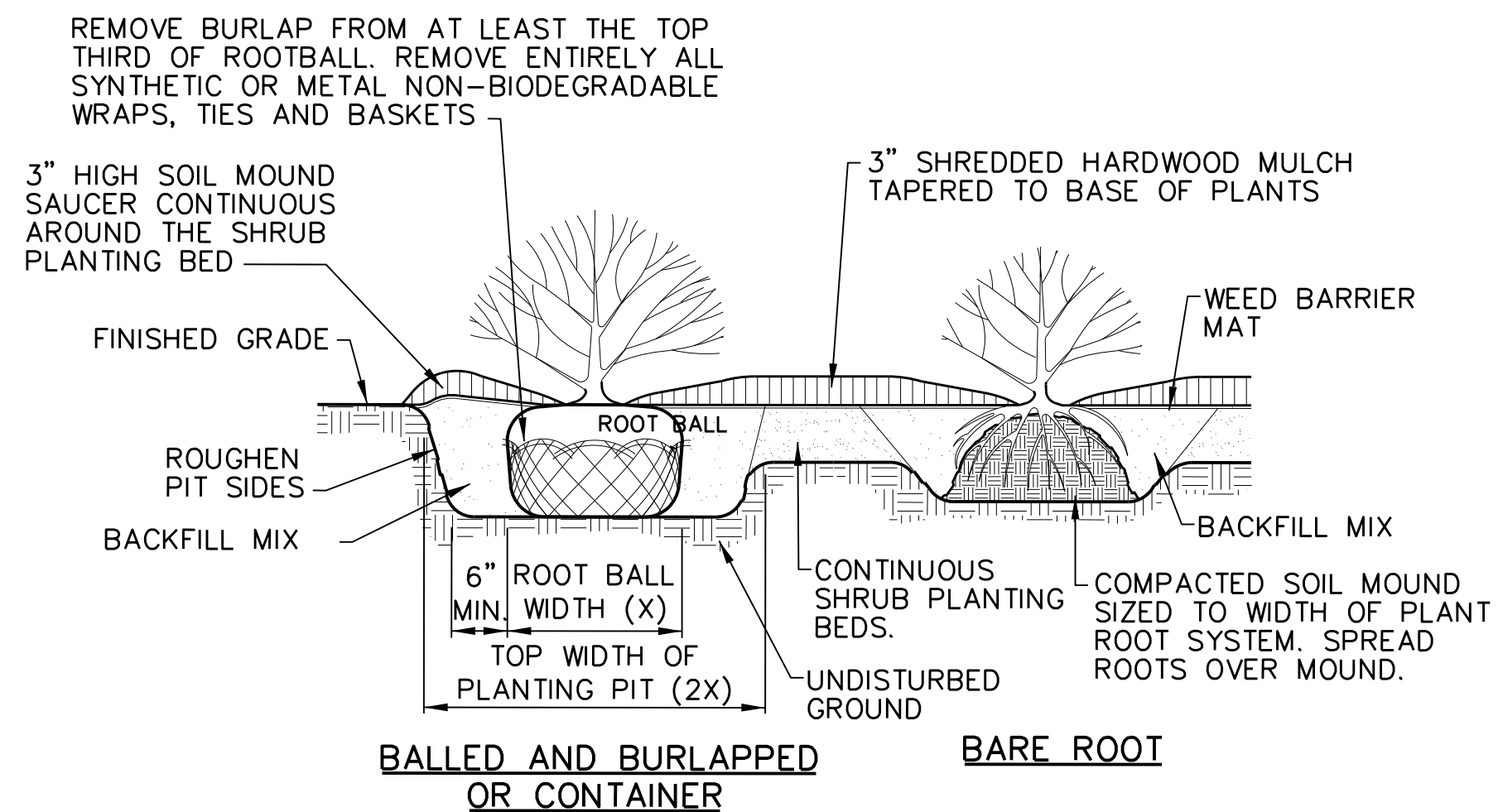
DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	CKB
DESIGN- CURCI	
CADD- CAH	
CHECKED- EJS	
SCALE- 1" = 10'	
DATE- FEB 2016	

SHEET NO.
4

DRAWING NO.
4 OF 42

PROJECT 2484.0477



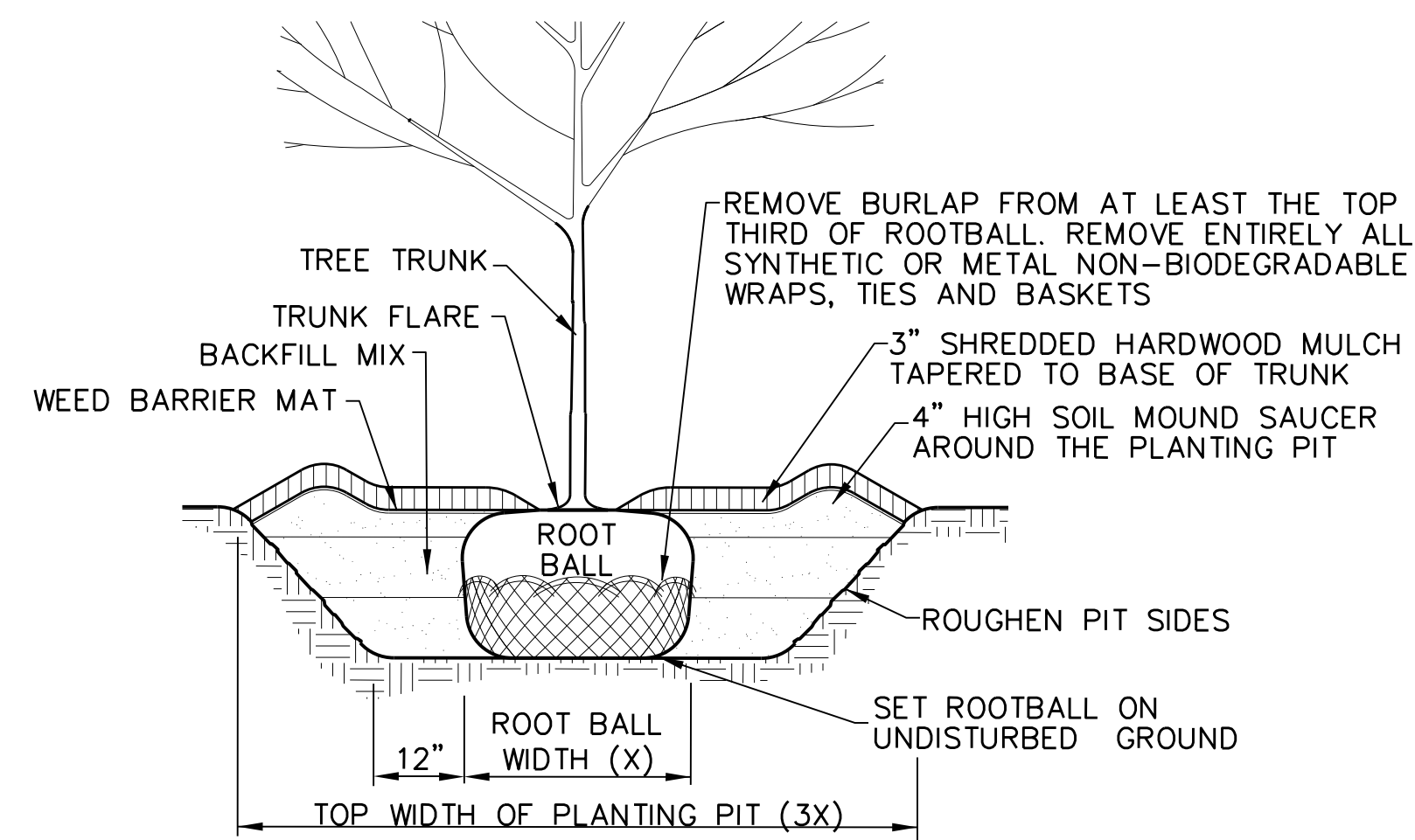
BALLED AND BURLAPPED OR CONTAINER **BARE ROOT**

NOTES:

1. SLICE ROOT MASS OF CONTAINERIZED PLANTS ALONG HEIGHT OF ROOTMASS AT 90° INTERVALS
2. PLANT MATERIAL SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO THE ORIGINAL NURSERY CONDITION.
3. BACKFILL MIX SHALL BE 3:1 RATIO OF COMPOSTED ORGANIC MATERIAL AND NATIVE SOIL AMENDED IN ACCORDANCE WITH PENNDOT PUBLICATION 408. BACKFILL SHALL BE TAMPED AND WATERED TO REMOVE VOIDS.
4. CONTINUOUS SHRUB PLANTING BEDS SHALL THOROUGHLY INCORPORATE 3" OF COMPOSTED ORGANIC MATERIAL INTO THE TOP 6" OF NATIVE SOIL AMENDED IN ACCORDANCE WITH PENNDOT PUBLICATION 408.

SHRUB PLANTING AND SHRUB BED PREPARATION DETAILS

NOT TO SCALE



BALLED AND BURLAPPED OR CONTAINER

NOTES:

1. TRUNK FLARE SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO THE ORIGINAL NURSERY CONDITION. TOP OF ROOTBALL SHALL BE PLACED NO LOWER THAN PREVAILING FINISHED GRADE OF ADJACENT GROUND. TOP OF ROOTBALL MAY BE SET AS MUCH AS 2" HIGHER THAN ADJACENT GROUND IF POOR DRAINAGE CONDITIONS ARE OBSERVED.
2. DO NOT DAMAGE OR CUT TRUNK LEADERS. TREES SHALL BE SELECTIVELY PRUNED AS NEEDED TO REMOVE DEAD OR INJURED BRANCHES.
3. BACKFILL MIX SHALL BE 3:1 RATIO OF COMPOSTED ORGANIC MATERIAL AND NATIVE SOIL AMENDED IN ACCORDANCE WITH PENNDOT PUBLICATION 408. BACKFILL SHALL BE PLACED IN 9" LIFTS. WITH EACH LIFT, SOIL SHALL BE TAMPED AND WATERED TO REMOVE VOIDS.

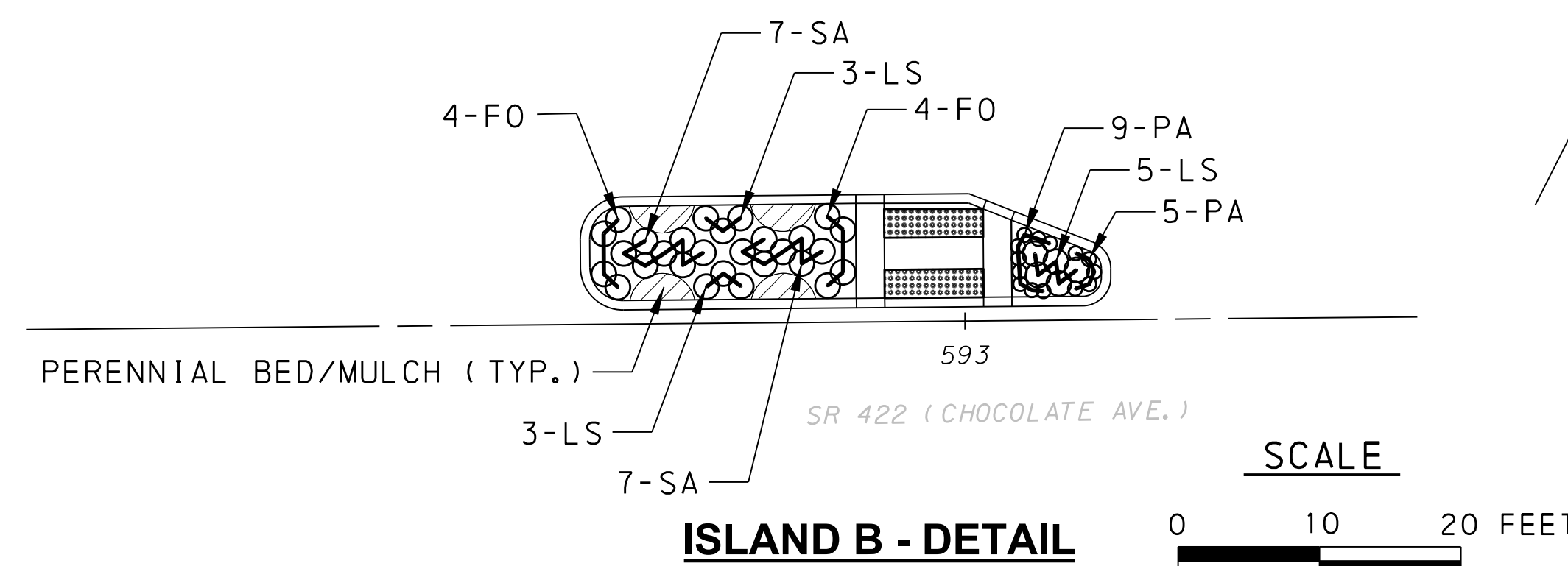
TREE PLANTING DETAIL

NOT TO SCALE

ISLAND B - PLANTING SCHEDULE

ID	QTY.	BOTANICAL NAME	COMMON NAME	MATURE SIZE/GENERAL TYPE	PLANTING SIZE/CONDITIONS
ORNAMENTAL GRASS & PERENNIALS					
FO	8	<i>FESTUCA OVINA GLAUCA 'ELIJAH BLUE'</i>	ELIJAH BLUE FESCUE	8"-10" HT. ORNAMENTAL GRASS	NO. 2 CONTAINER
LS	11	<i>LEUCANTHEMUM SUPERBUM</i>	SHASTA DAISY-SNOW CAP OR SNOW LADY	8"-10" HT. PERENNIAL	NO. 2 CONTAINER
PA	14	<i>PENNISETUM ALOPECUROIDES 'LITTLE BUNNY'</i>	LITTLE BUNNY FOUNTAIN GRASS	12" MAX HT. ORNAMENTAL GRASS	NO. 2 CONTAINER
SA	14	<i>SALVIA ARGENTEA</i>	SILVER SAGE	10"-12" HT. PERENNIAL	NO. 2 CONTAINER

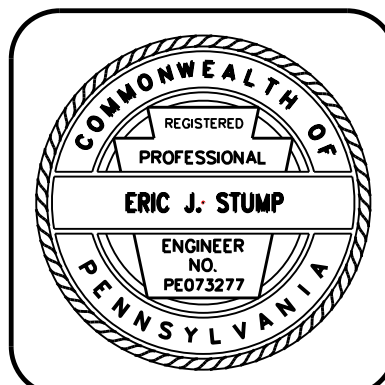
NOTES:
If a specified plant type cannot be obtained due to availability. Only acceptable alternate plant types may be substituted without the approval of the Landscape Architect/Engineer/Owner.



ISLAND B - DETAIL

FILE NAME: P:\0024\002484_0477\1\icr\os\at\ton\HOP\T24840477_HOP_LNDSCP_DTL02.dgn
PLOT DATE: 8/7/2018 2:09:45 PM
PLOT DRIVER: c:\windows\system32\cmd.exe
PLOT DRIVER: c:\windows\system32\cmd.exe

NO.	REVISION	DATE	BY



HRG
Herbert, Rowland & Grubic, Inc.
Engineering & Related Services
Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
State College ■ Pittsburgh

369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
Fax (717) 564-1158
Email: hrg@hr-g-inc.com
Website: www.hrg-inc.com

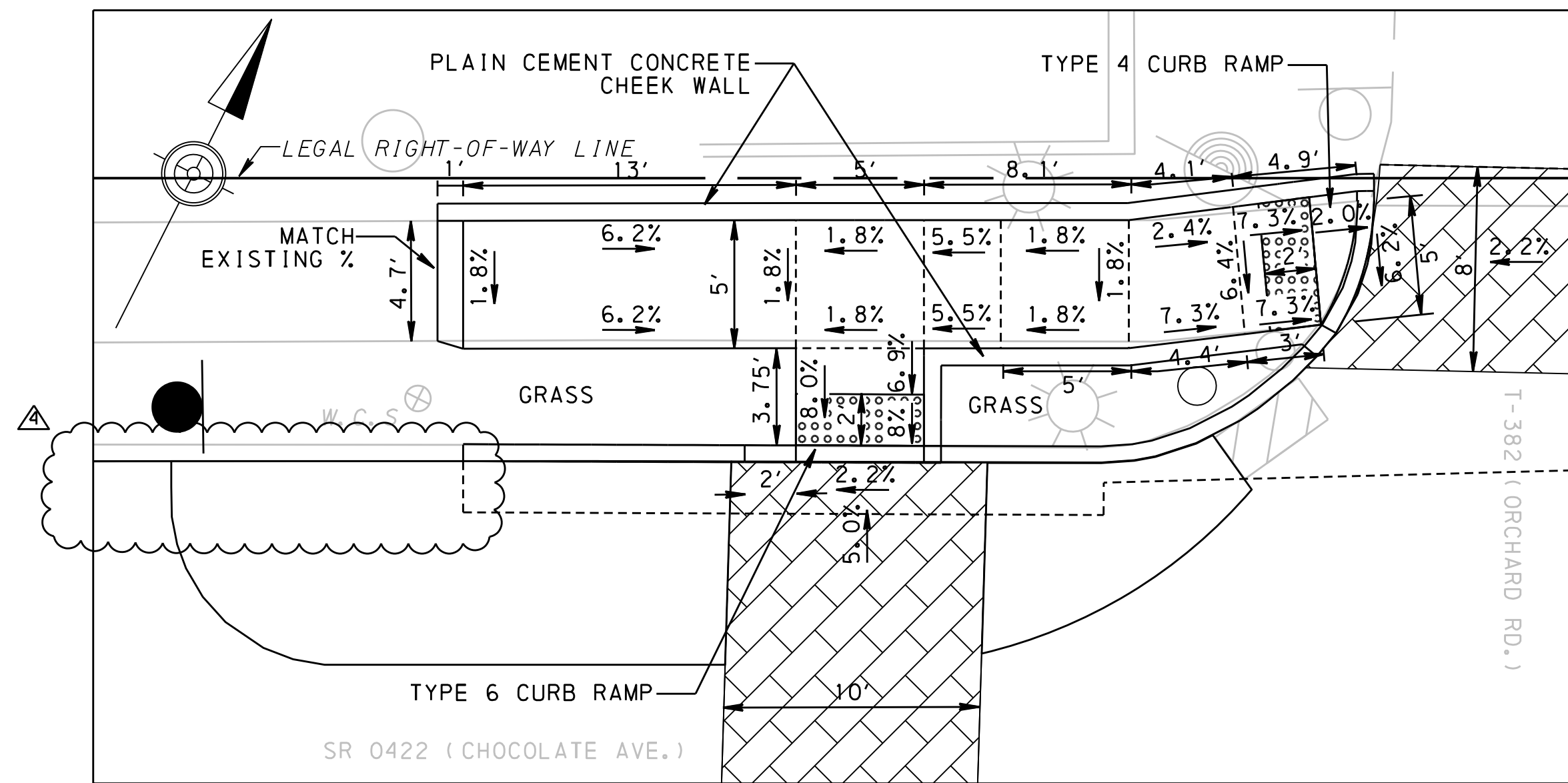
TOWNSHIP OF DERRY
600 CLEARWATER ROAD
HERSHEY, PA 17033
(717) 533-2057

LANDSCAPING DETAILS
FOR
HIGHWAY OCCUPANCY
PERMIT PLAN
SR 422 STREETSCAPE PROJECT

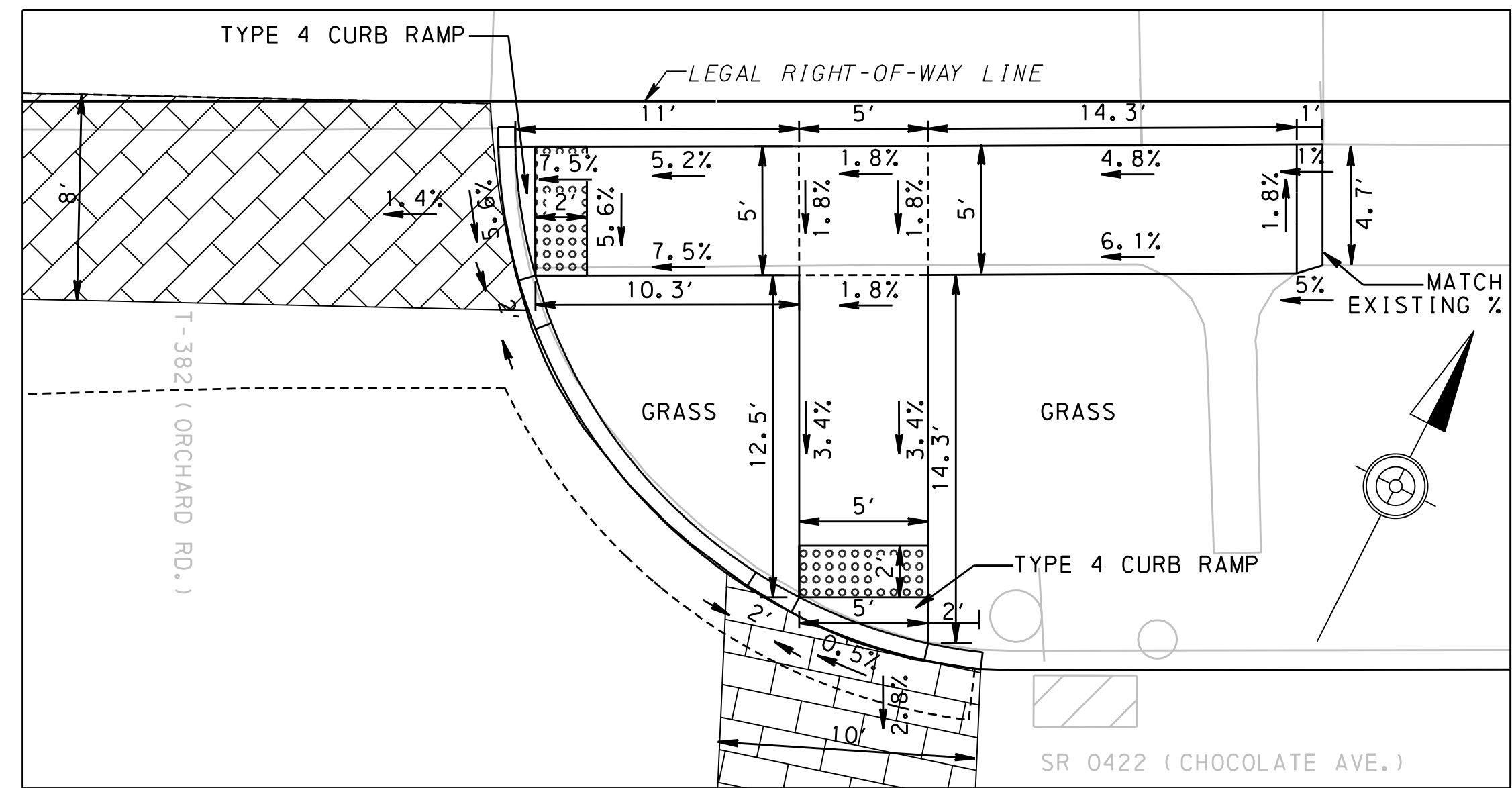
DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	CKB
DESIGN- CURCI	
CADD- CAH	
CHECKED- EJS	
SCALE- NTS	
DATE- FEB 2016	

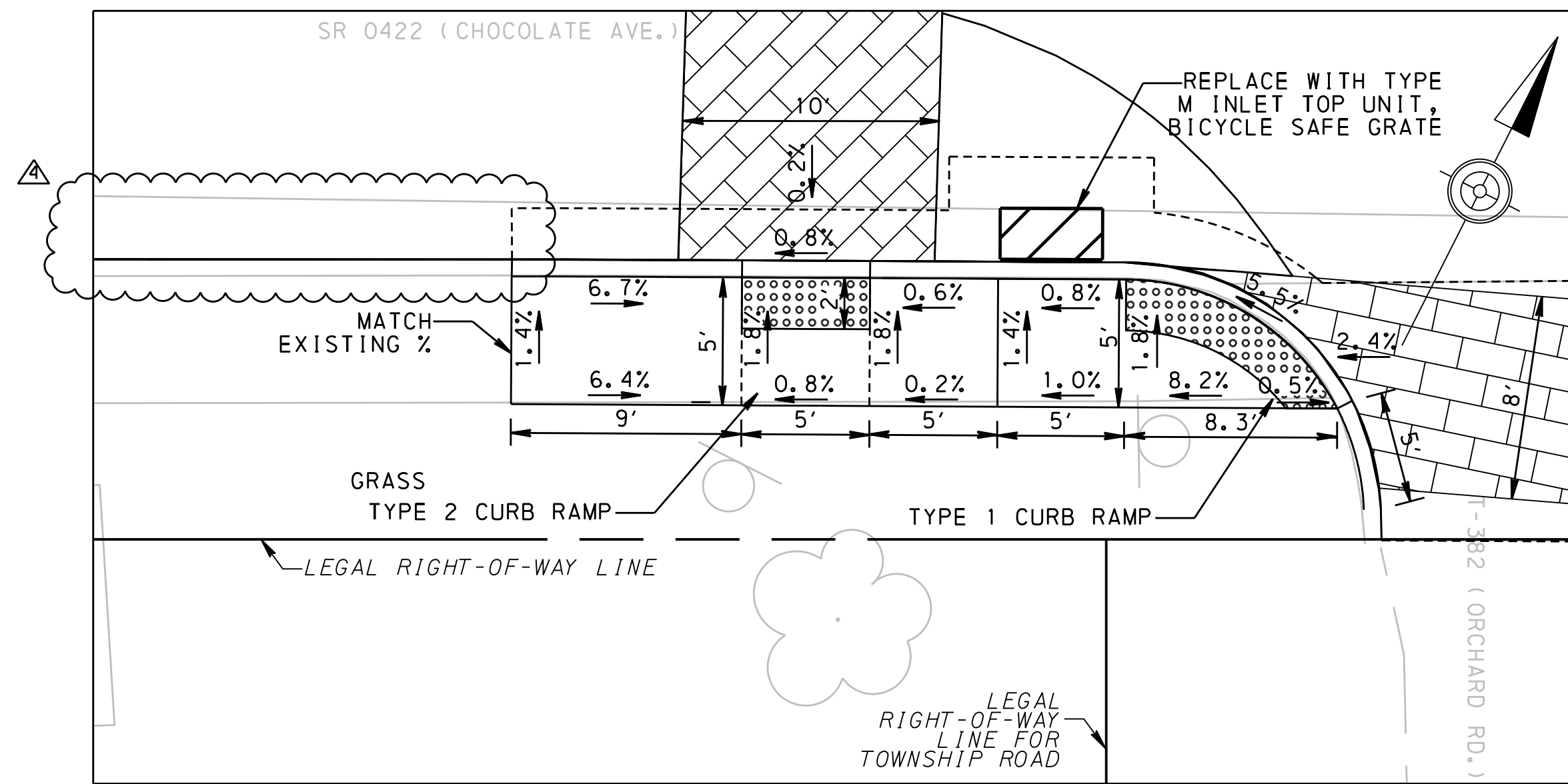
SHEET NO.	5
DRAWING NO.	5 OF 42
PROJECT	2484.0477



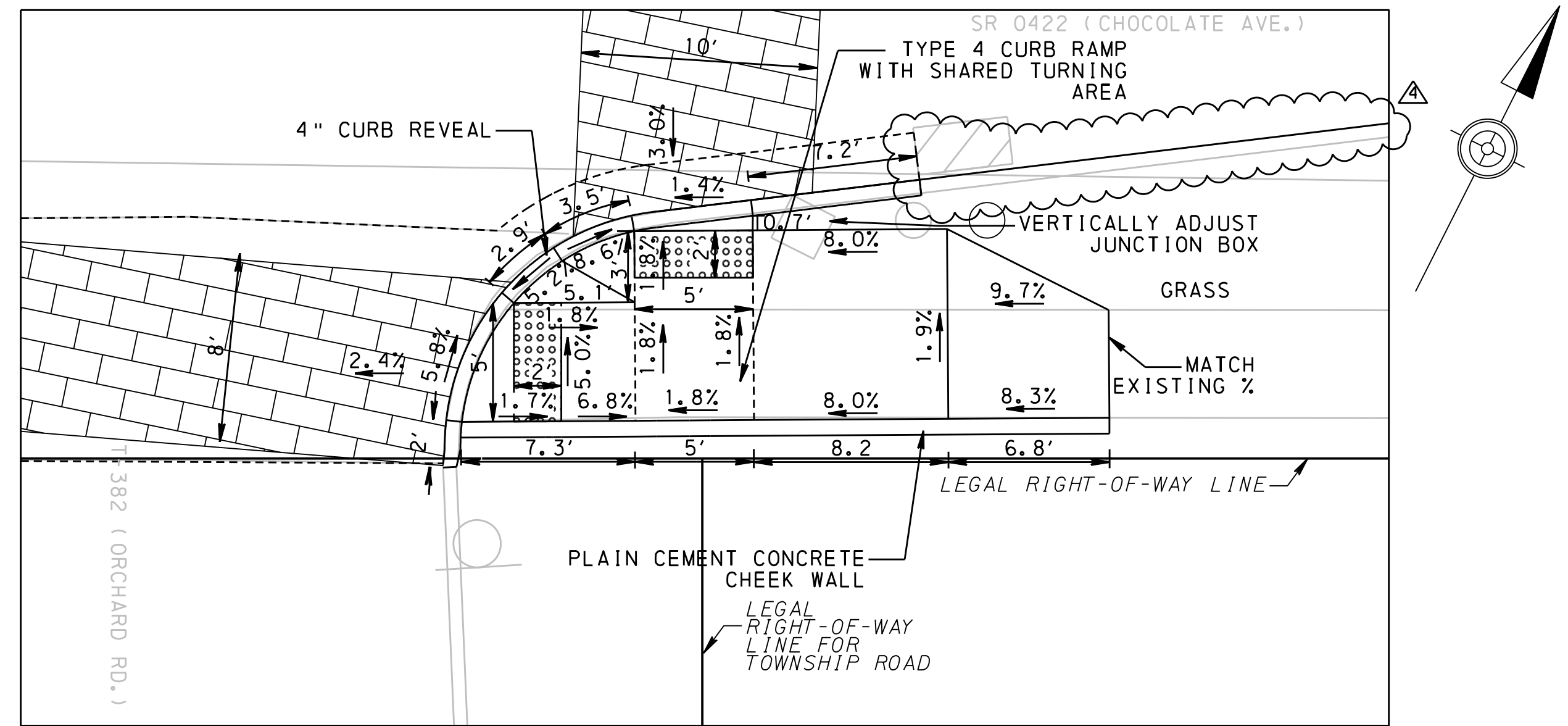
NORTHWEST INTERSECTION OF SR 0422
& T-382 (ORCHARD RD.)



NORTHEAST INTERSECTION OF SR 0422
& T-382 (ORCHARD RD.)



SOUTHWEST INTERSECTION OF SR 0422
& T-382 (ORCHARD RD.)



SOUTHEAST INTERSECTION OF SR 0422
& T-382 (ORCHARD RD.)

LEGEND

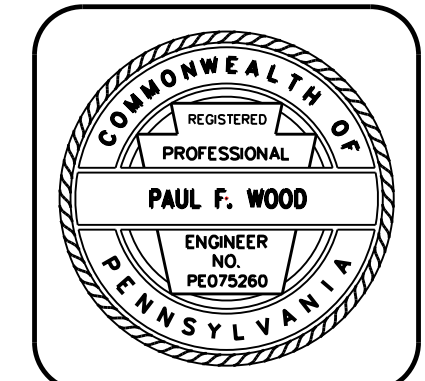
- SAWCUT
- LEVEL LANDING AREA
- DETECTABLE WARNING SURFACE
- DECORATIVE CROSSWALK
- REMOVED DECORATIVE BUMP-OUT/MEDIANS

SCALE

0 5 10 FEET

FILE NAME: P:\0024\002484_0477\Microstation\HOP\T24840477_HOP_CRD101.dgn
 PLOTTED: 8/9/2018 2:17:49 PM
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: R:\Microstation\standards\plotdrv\vxm\pdf\pdf_bw_full.plt

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email - hrg@hrg-inc.com
 Website - www.hrg-inc.com

Harrisburg • Hermitage • Lancaster • Lewisburg • Morgantown
 State College • Pittsburgh

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

CURB RAMP DETAILS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

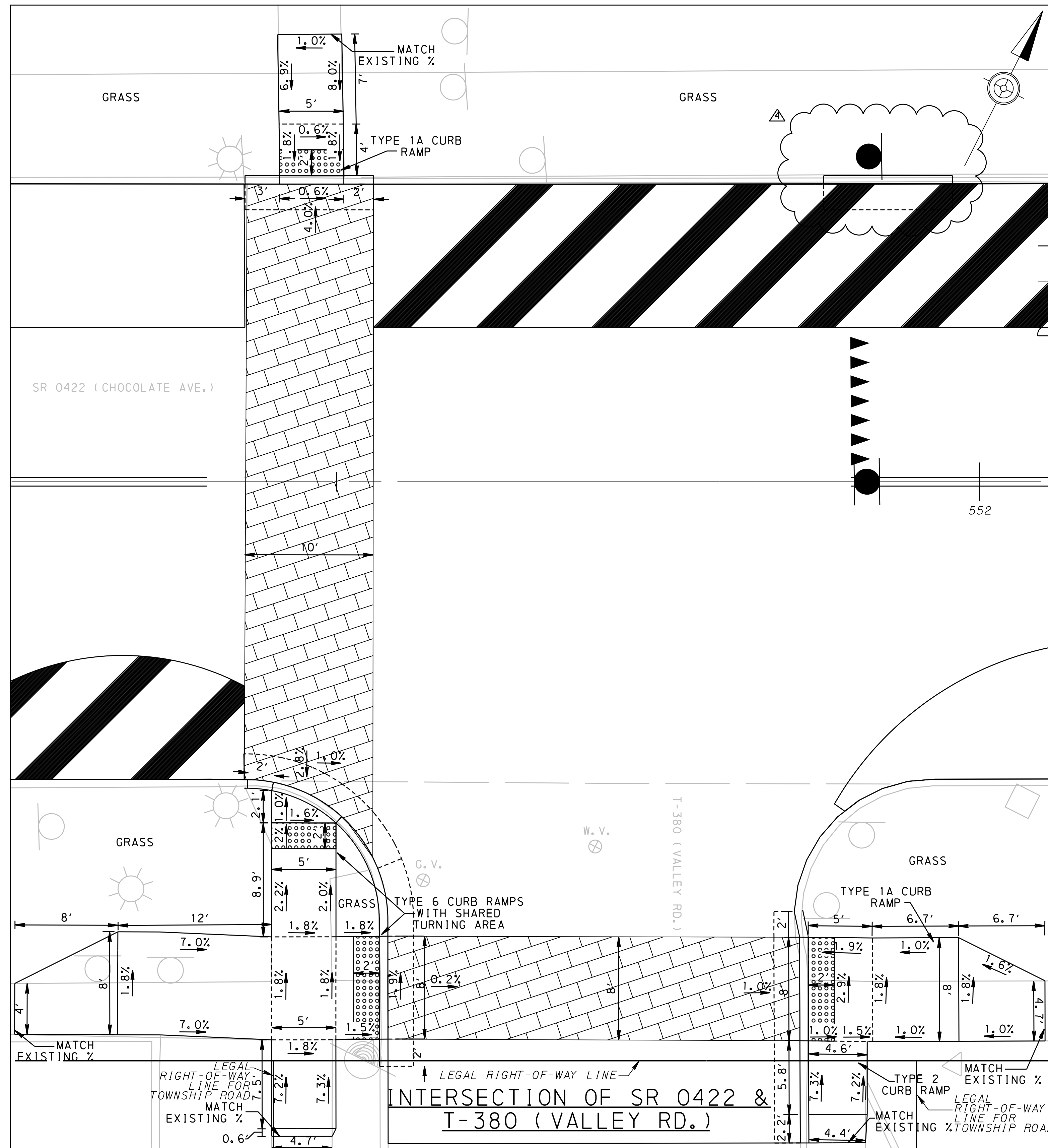
PROJ. MGR. -	CKB
DESIGN -	KRS
CADD -	KRS
CHECKED -	PFW
SCALE -	1" = 5'
DATE -	FEB 2016

SHEET NO.
6

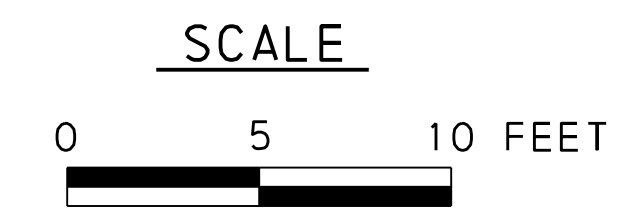
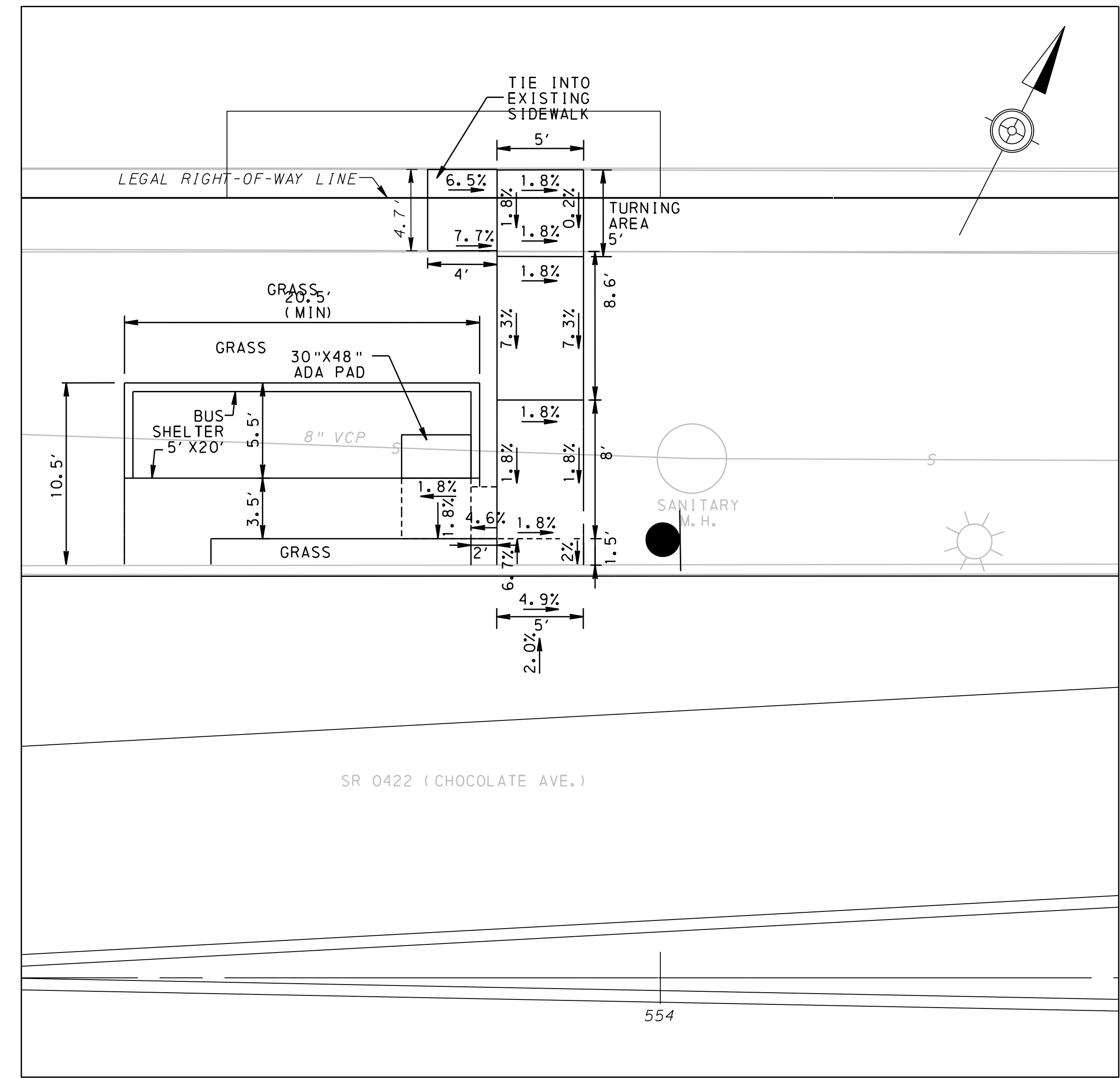
DRAWING NO.
 6 OF 42

PROJECT 2484.0477

FILE NAME: P:\0024\002484_0477\micr\os\1\ion\HOP\T24840477_HOP_CR0102.dgn
 PLOTTED: 8/9/2018 2:23:40 PM dcomer
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: R:\Microstation\standards\plotdrv\XMA.PDF.pdf_bw_full.plt.ctb

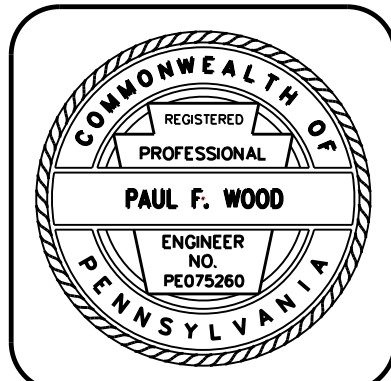


PROPOSED BUS STOP AT STA. 553+90



- LEGEND**
- SAWCUT
 - LEVEL LANDING AREA
 - DETECTABLE WARNING SURFACE
 - DECORATIVE CROSSWALK
 - REMOVED DECORATIVE BUMP-OUT/MEDIANS

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

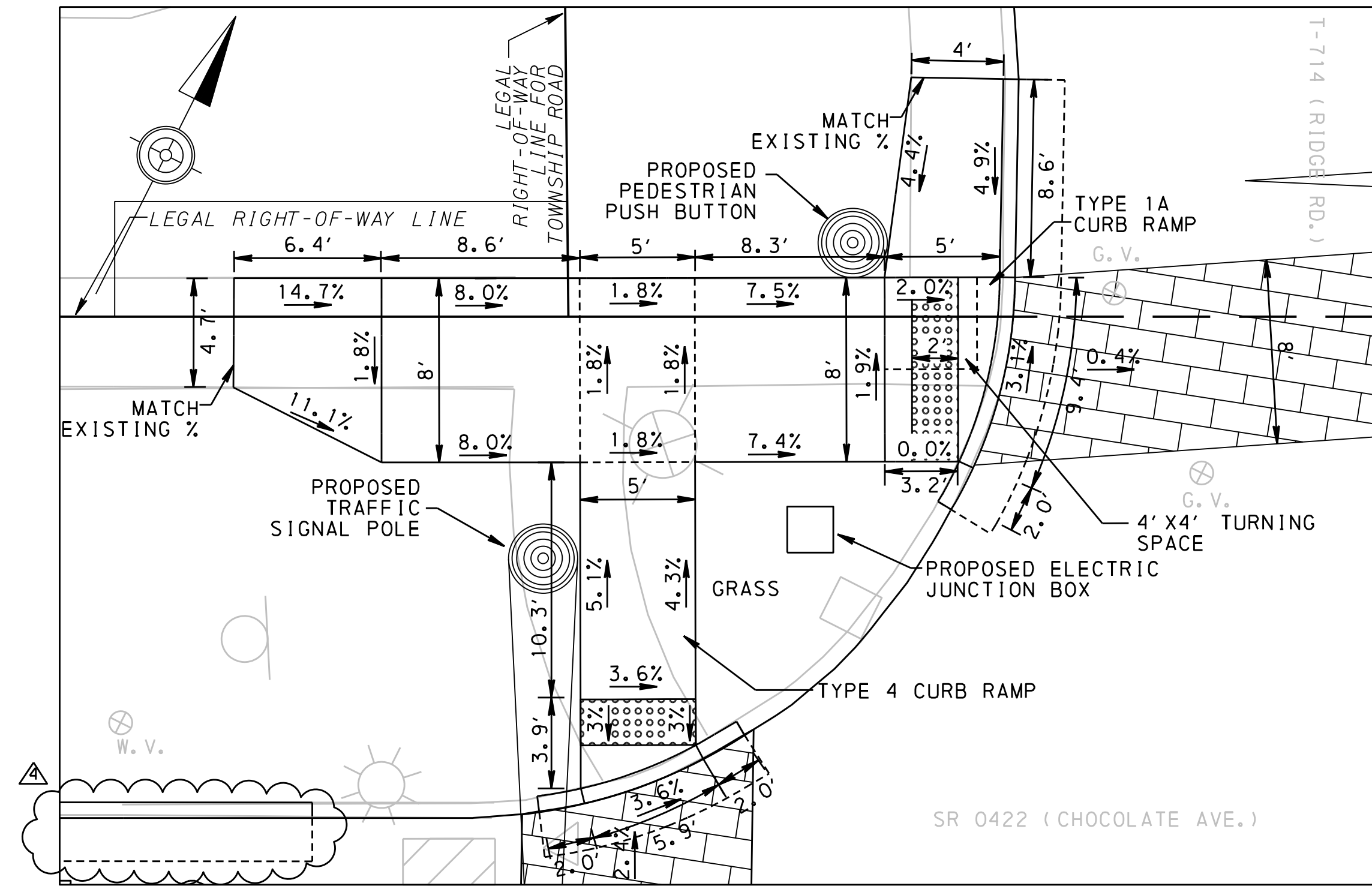
CURB RAMP DETAILS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

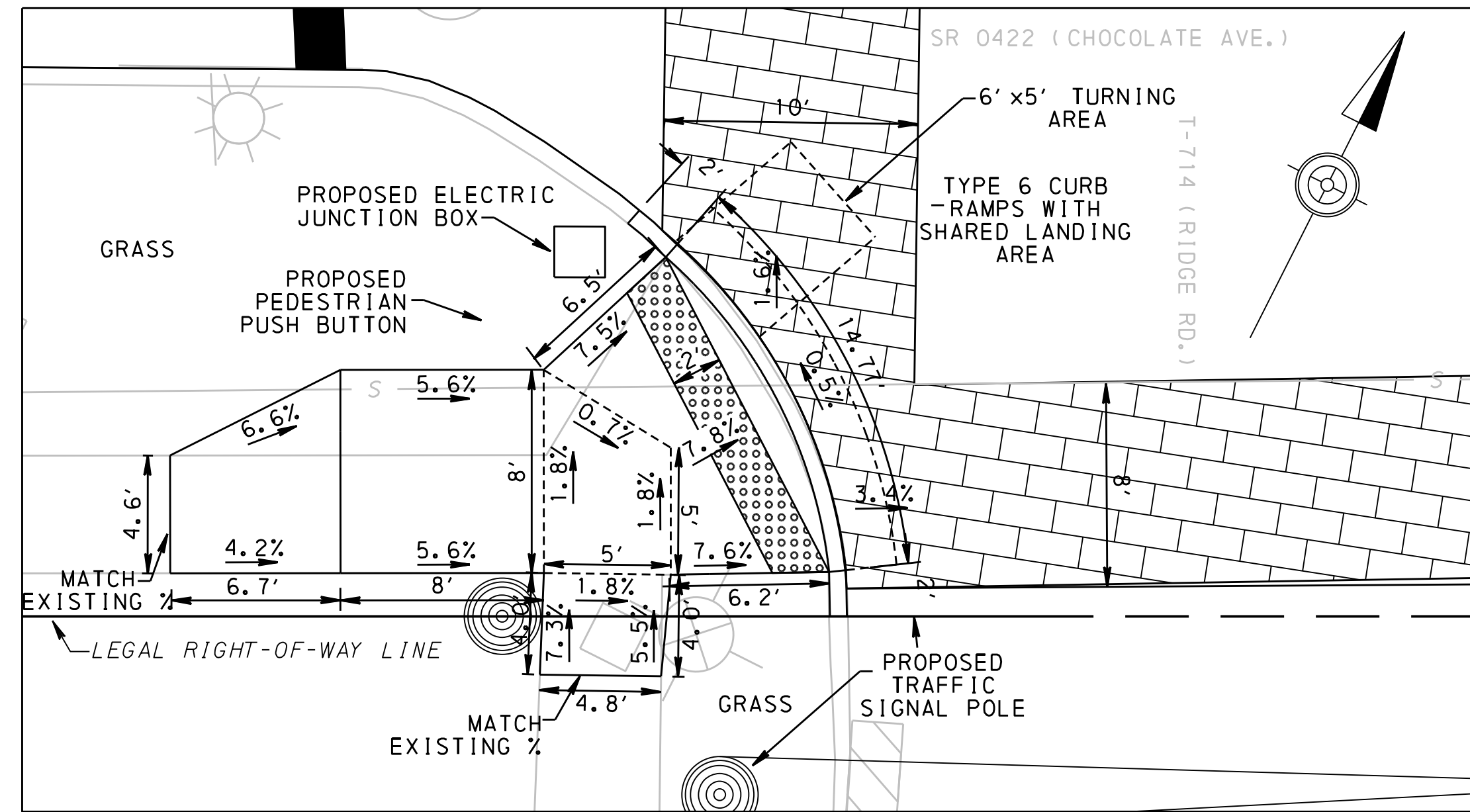
PROJ. MGR. -	CKB
DESIGN -	KRS
CADD -	KRS
CHECKED -	PFW
SCALE -	1" = 5'
DATE -	FEB 2016

SHEET NO.	7
DRAWING NO.	7 OF 42
PROJECT	2484.0477

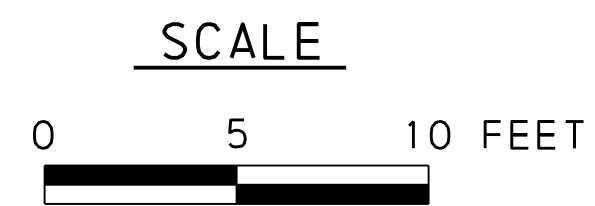
FILE NAME: P:\0024\002484_0477\micr\station\hop\T24840477_HOP_CRD103.dgn
PLOTTED: 8/9/2018 2:31:06 PM
PEN TABLE: file_date_user_tb
PLOT DRIVER: RA:\microstation\standards\plotdrv\XMA.PDF.pdf_bw_full.plt.ctb



NORTHWEST INTERSECTION OF
SR 0422 & T-714 (RIDGE RD.)



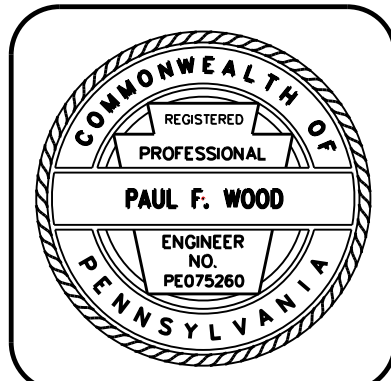
SOUTHWEST INTERSECTION OF
SR 0422 & T-714 (RIDGE RD.)



LEGEND

- SAWCUT
- LEVEL LANDING AREA
- DETECTABLE WARNING SURFACE
- DECORATIVE CROSSWALK
- REMOVED DECORATIVE BUMP-OUT/MEDIANS

NO.	REVISION	DATE	BY
▲	CHANGE ORDER #2	07/2018	JBL
▲	CHANGE ORDER #1	07/2018	JBL



HRG
Herbert, Rowland & Grubic, Inc.
Engineering & Related Services

Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
State College ■ Pittsburgh

369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
Fax (717) 564-1158
Email hrg@hrg-inc.com
Website www.hrg-inc.com

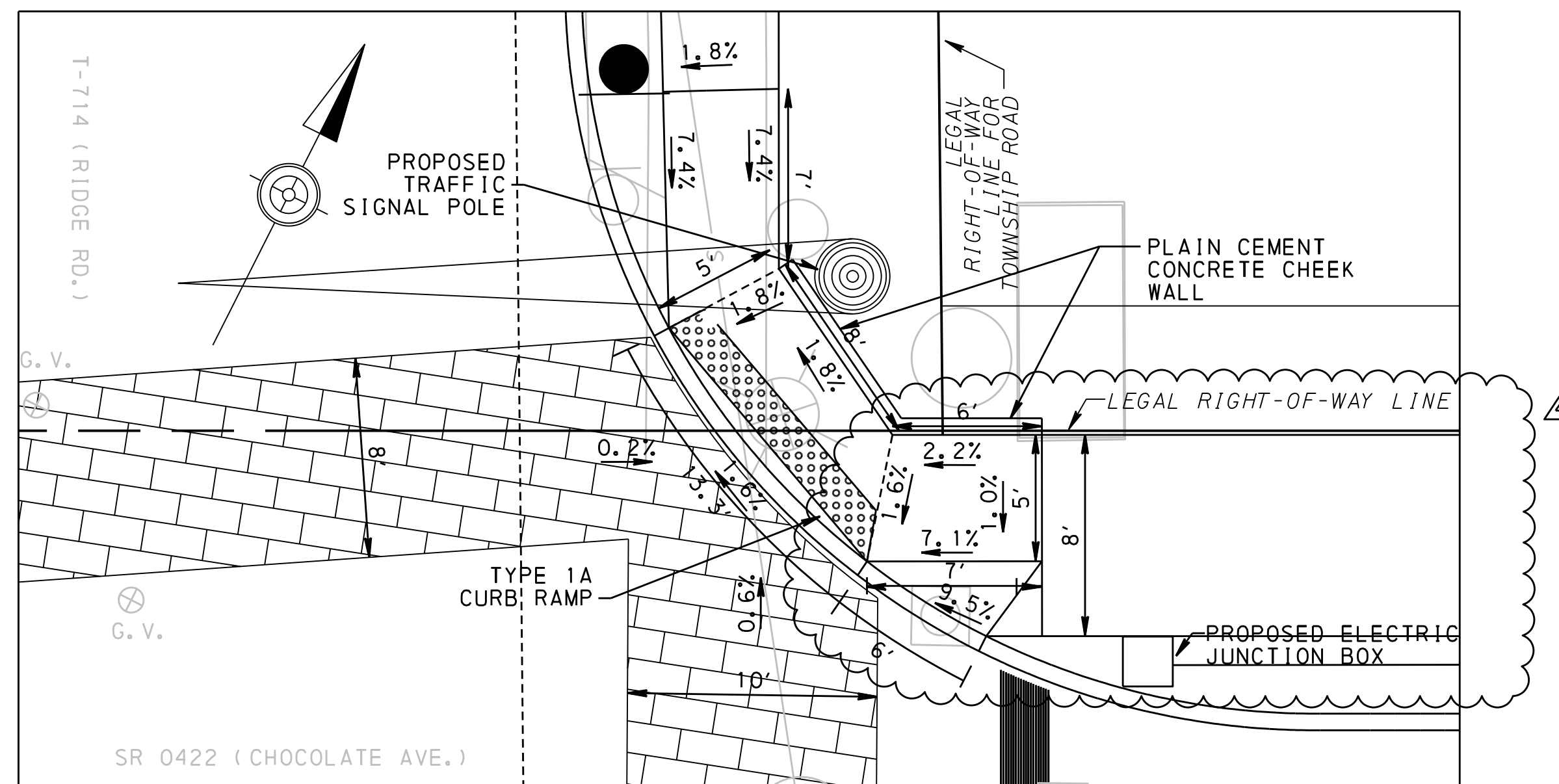
TOWNSHIP OF DERRY
600 CLEARWATER ROAD
HERSHEY, PA 17033
(717) 533-2057

CURB RAMP DETAILS
FOR
HIGHWAY OCCUPANCY
PERMIT PLAN
SR 422 STREETScape PROJECT

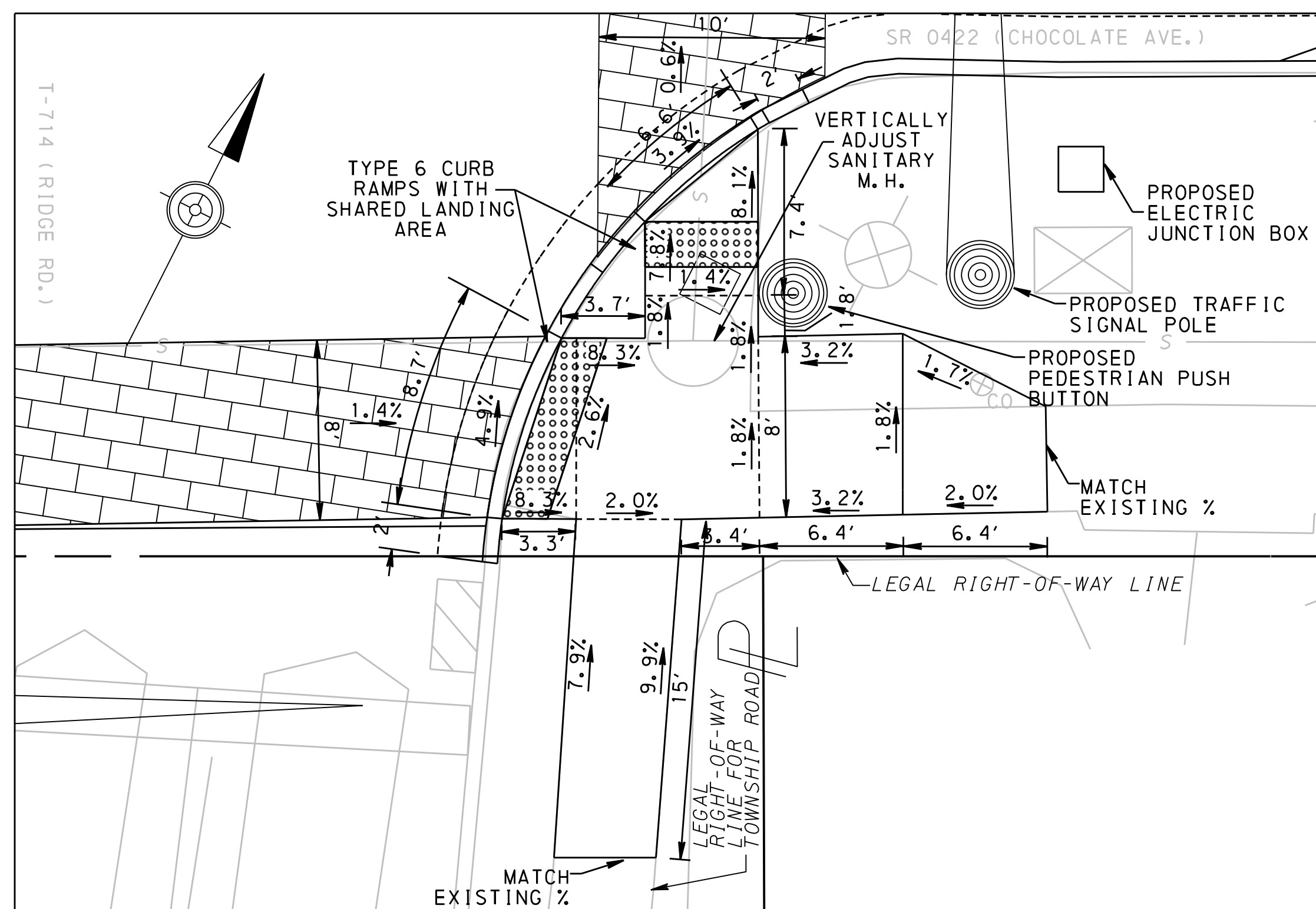
DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- KRS
CADD- KRS
CHECKED- EJS
SCALE- 1" = 5'
DATE- FEB 2016

SHEET NO.	8
DRAWING NO.	8 OF 42
PROJECT	2484.0477



NORTHEAST INTERSECTION OF
SR 0422 & T-714 (RIDGE RD.)



SOUTHEAST INTERSECTION OF
SR 0422 & T-714 (RIDGE RD.)

LEGEND

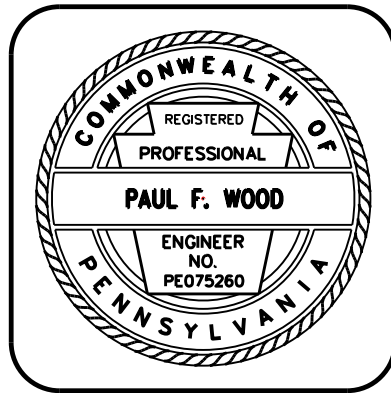
- SAWCUT
- LEVEL LANDING AREA
- DETECTABLE WARNING SURFACE
- DECORATIVE CROSSWALK
- REMOVED DECORATIVE BUMP-OUT/MEDIANS

SCALE



FILE NAME: P:\0024\002484_0477\micr\station\hop\T24840477_HOP_CRD104.dgn
 PLOTTED: 8/22/2018 11:52:43 PM dcomer
 PEN TABLE: files\penn_state_user.tbl
 PLOT DRIVER: R:\MicroStation\standards\plotdrv\XMA.PDF\pdf_bw_full.plt.ctb

NO.	REVISION	DATE	BY
	CHANGE ORDER #2	07/2018	JBL
	CHANGE ORDER #1	07/2018	JBL



Herbert, Rowland & Grubic, Inc.
Engineering & Related Services

Harrisburg • Hermitage • Lancaster • Lewisburg • Morgantown
State College • Pittsburgh

369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
Fax (717) 564-1158
Email: hrg@hrg-inc.com
Website: www.hrg-inc.com

TOWNSHIP OF DERRY
600 CLEARWATER ROAD
HERSHEY, PA 17033

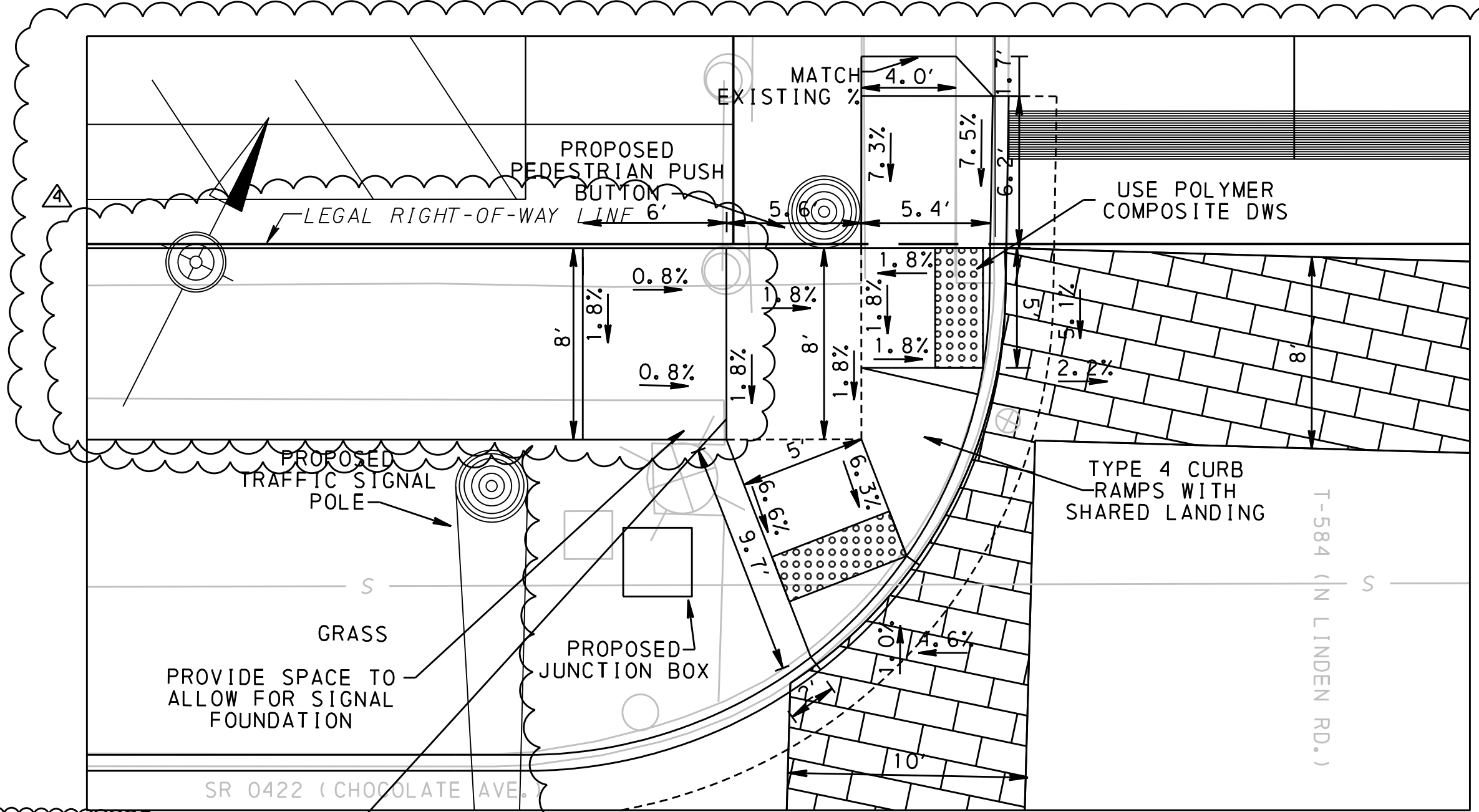
(717) 533-2057

CURB RAMP DETAILS
FOR
HIGHWAY OCCUPANCY
PERMIT PLAN
SR 422 STREETSCAPE PROJECT

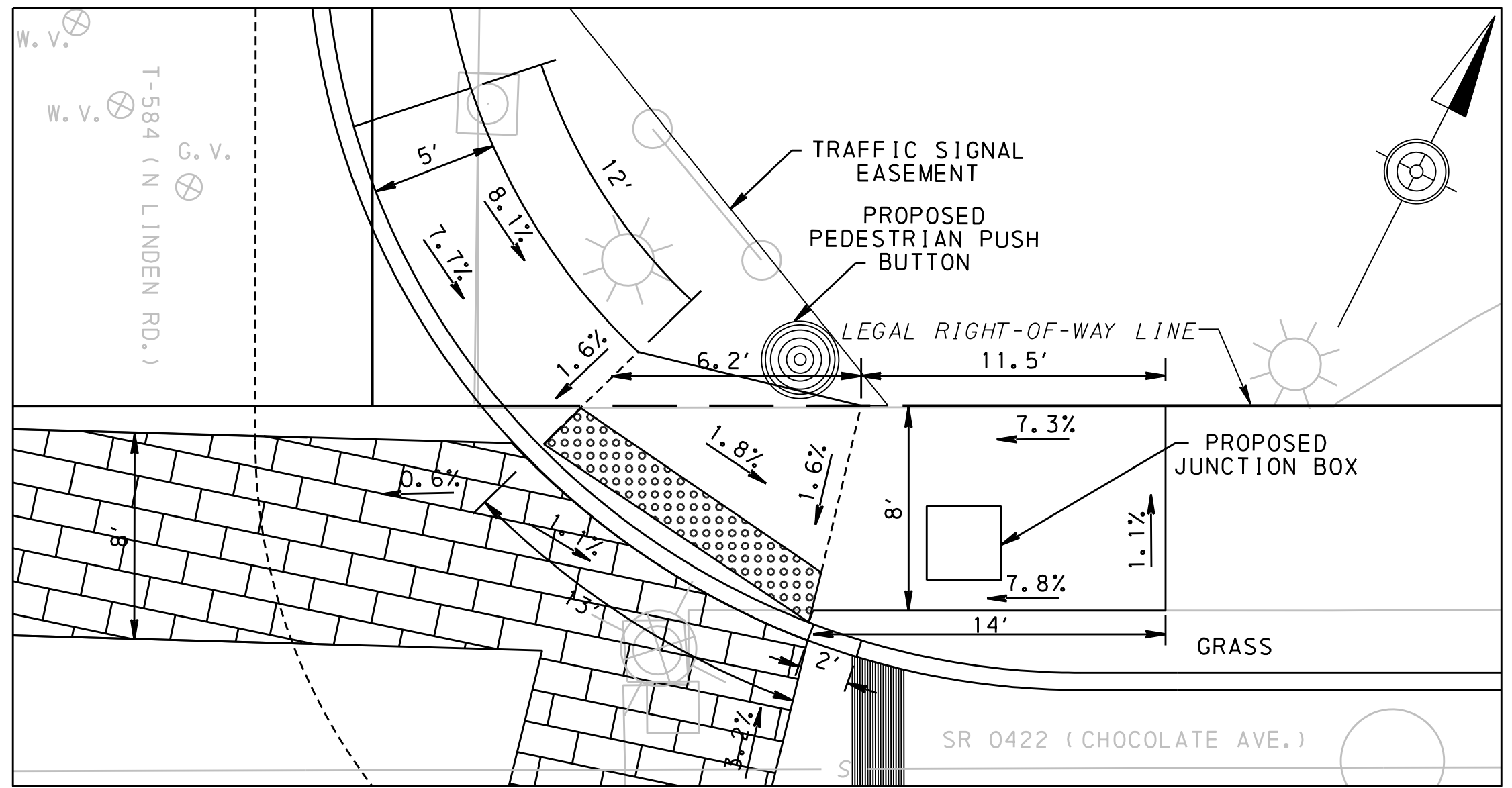
DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	CKB
DESIGN-	KRS
CADD-	KRS
CHECKED-	EJS
SCALE-	1" = 5'
DATE-	FEB 2016

SHEET NO.	
9	
DRAWING NO.	
9 OF 42	
PROJECT 2484.0477	



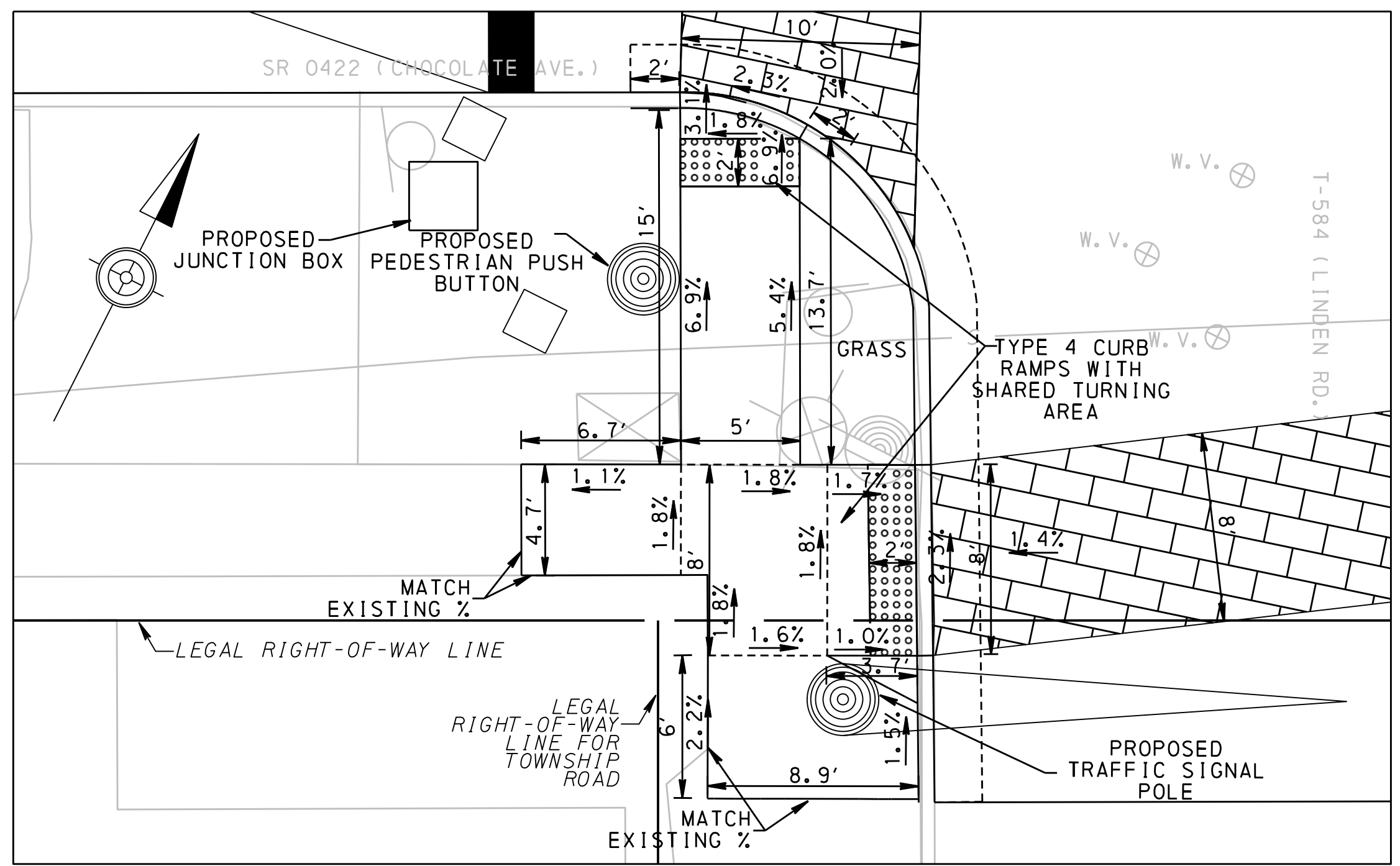
NORTHWEST INTERSECTION OF SR 0422 & T-584 (N LINDEN RD.)



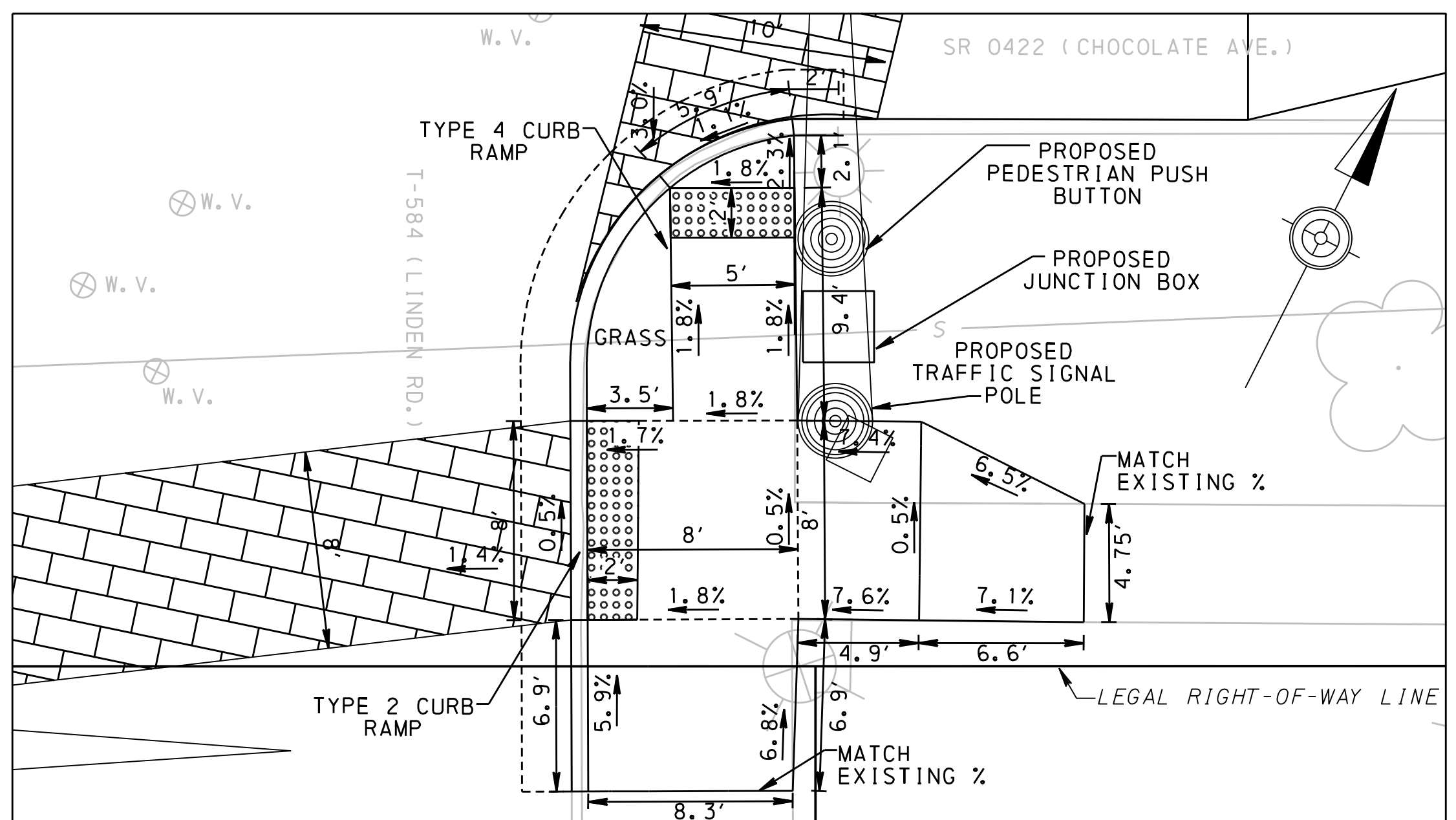
NORTHEAST INTERSECTION OF SR 0422 & T-584 (N LINDEN RD.)

▲ TIE INTO RAMP INSTALLED BY MAINLINE. MAINTAIN 8' WIDTH AND PROVIDE MAX CROSS SLOPE <2%

▲ WORK TO BE PERFORMED BY MAINLINE

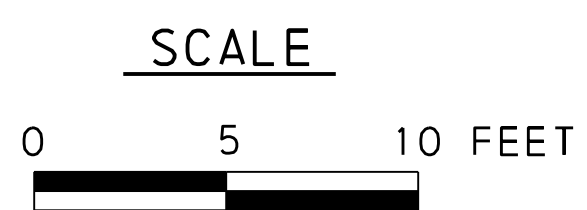


SOUTHWEST INTERSECTION OF SR 0422 & T-584 (LINDEN RD.)



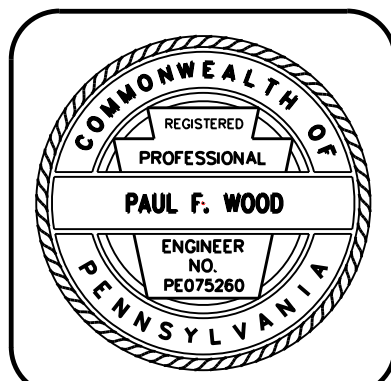
SOUTHEAST INTERSECTION OF SR 0422 & T-584 (LINDEN RD.)

- LEGEND**
- SAWCUT
 - [] LEVEL LANDING AREA
 - [] DETECTABLE WARNING SURFACE
 - [] DECORATIVE CROSSWALK
 - ▲ REMOVED DECORATIVE BUMP-OUT/MEDIANS



FILE NAME: P:\0024\002484_0477\micross\1\hops\1\24840477_HOP_CRO105.dgn
 PLOTTED: 8/21/2018 4:21:47 PM dcomer
 PEN TABLE: file_date_user_fb
 PLOT DRIVER: R:\micross\standards\p101dr-v\XM\PDF\pdf_ful_ful.pltcf9

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email - hrg@hrg-inc.com
 Website - www.hrg-inc.com

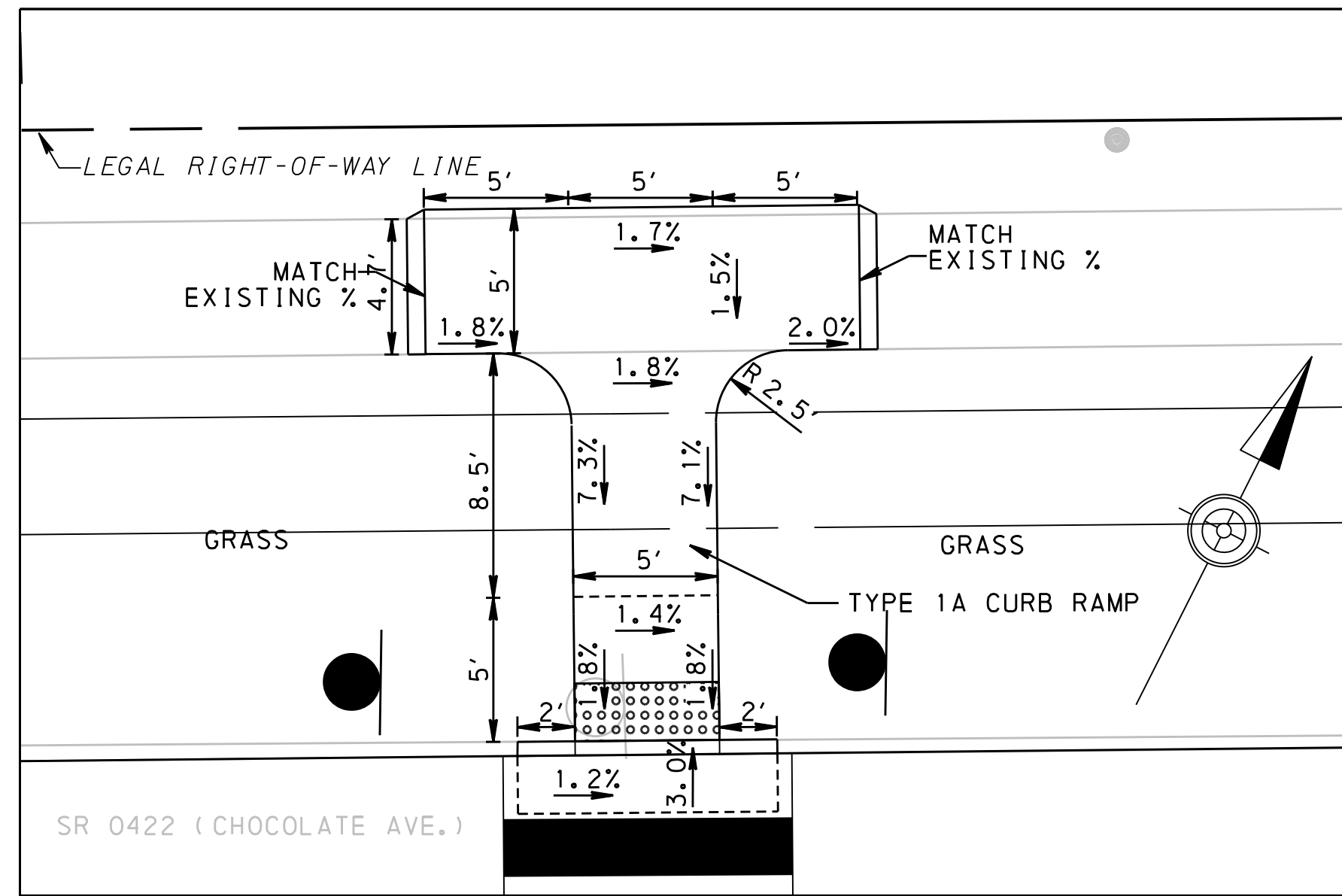
TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

CURB RAMP DETAILS FOR HIGHWAY OCCUPANCY PERMIT PLAN
 SR 422 STREETSCAPE PROJECT
 DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

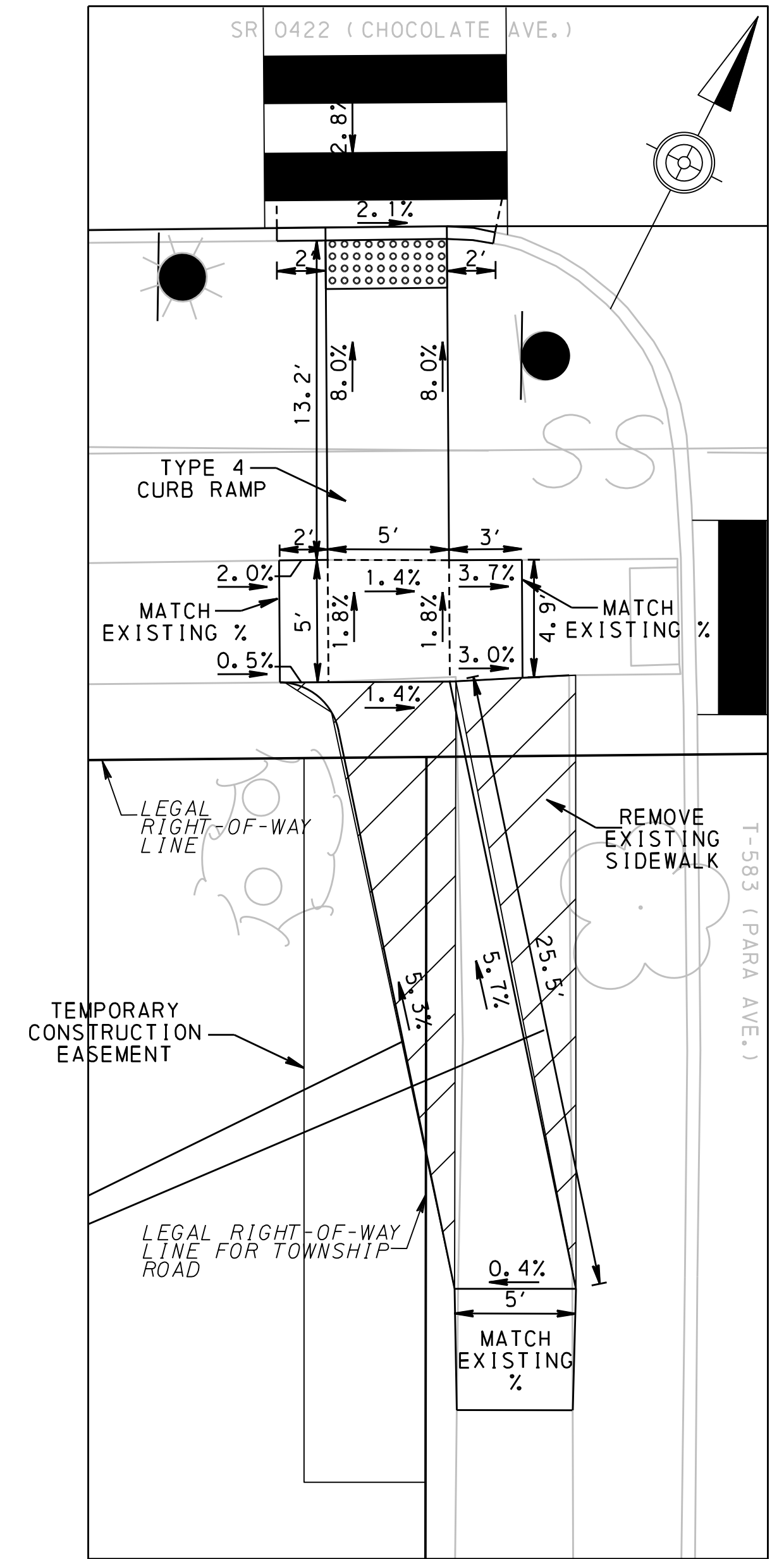
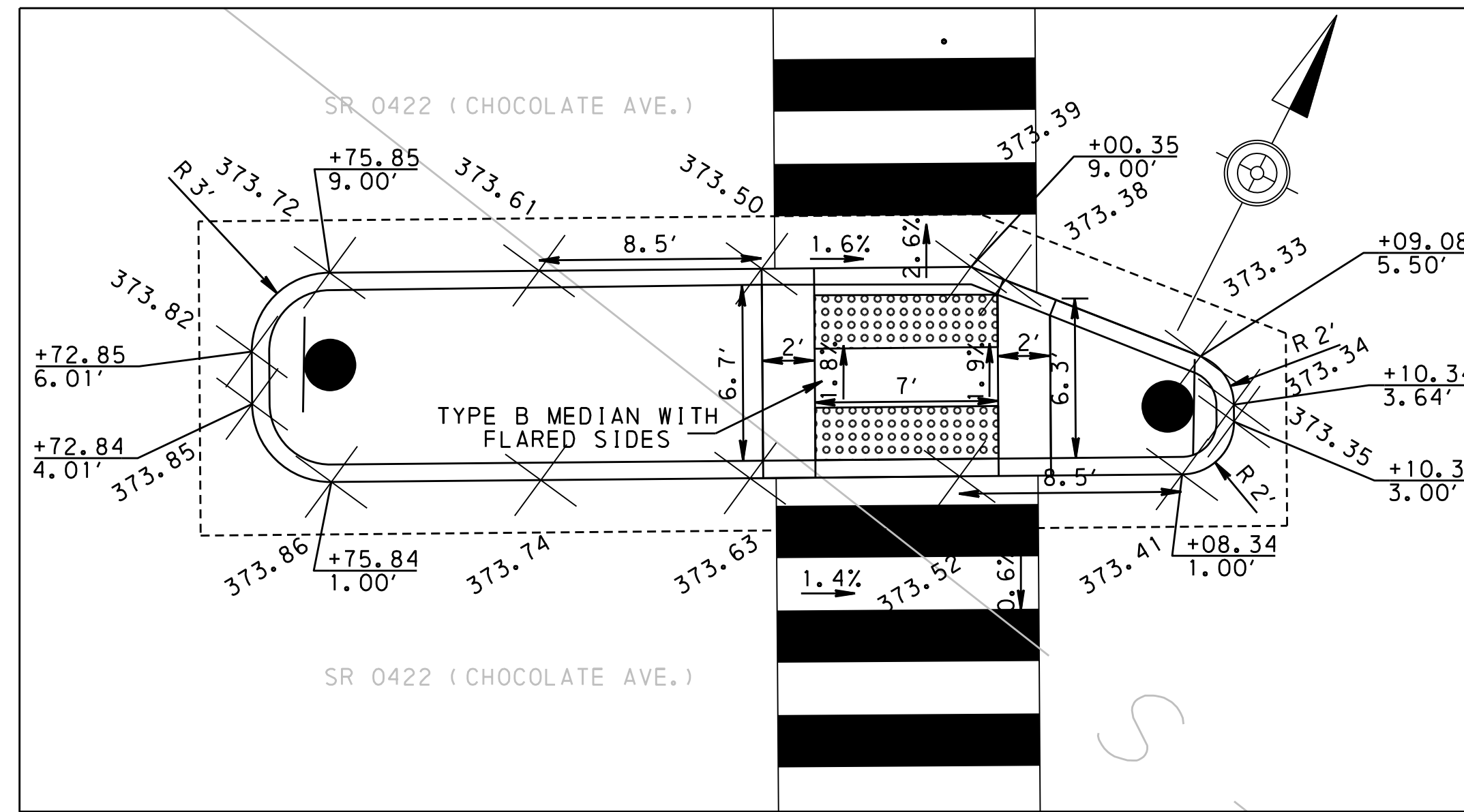
PROJ. MGR. -	CKB
DESIGN -	KRS
CADD -	KRS
CHECKED -	EJS
SCALE -	1" = 5'
DATE -	FEB 2016

SHEET NO.	10
DRAWING NO.	10 OF 42
PROJECT	2484.0477

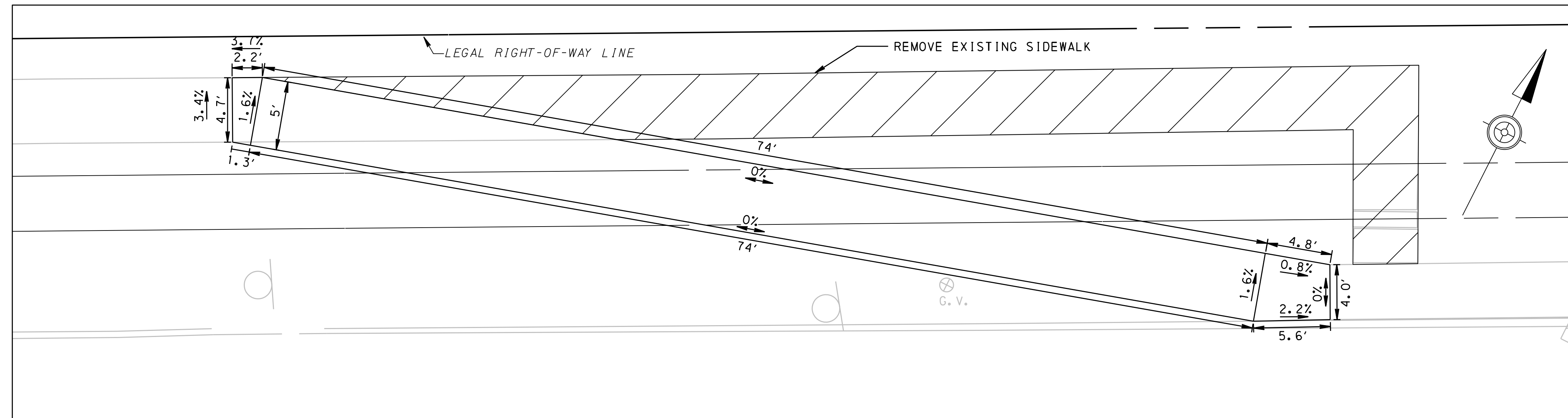
NORTHWEST INTERSECTION OF
SR 0422 & T-583 (PARA AVE.)



MEDIAN OF SR 0422 & T-583
(PARA AVE.)

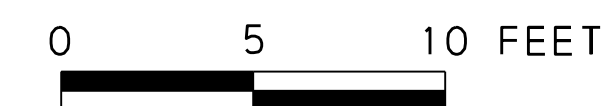


SOUTHWEST INTERSECTION OF SR
0422 & T-583 (PARA AVE.)



PEDESTRIAN ACCESS ROUTE
ALONG SR 0422

SCALE

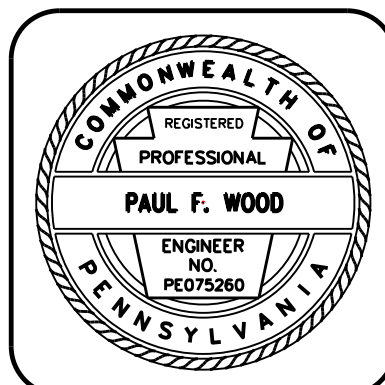


LEGEND

- SAWCUT
- LEVEL LANDING AREA
- DETECTABLE WARNING SURFACE
- DECORATIVE CROSSWALK
- REMOVED DECORATIVE BUMP-OUT/MEDIANS

FILE NAME: P:\0024\002484_0477\micr\os\1\ton\hop\T24840477_HOP_CRD106.dgn
 PLOTTED: 8/7/2018 2:09:49 PM
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: r:\micr\os\1\ton\as\standards\p\10\tr\vxm\PDF\pdf_bw_full.plt.ctb

NO.	REVISION	DATE	BY
1	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

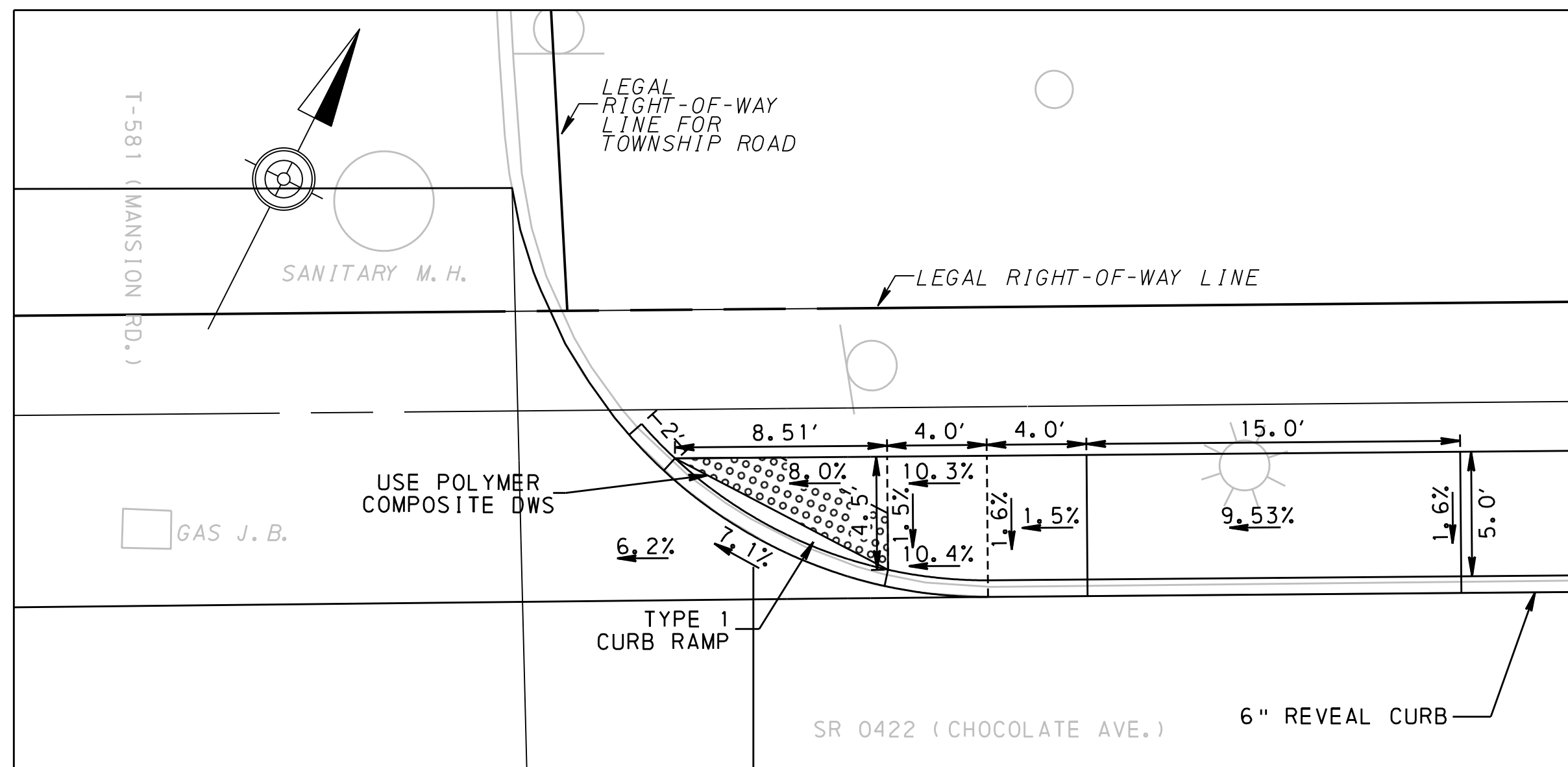
TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

CURB RAMP DETAILS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

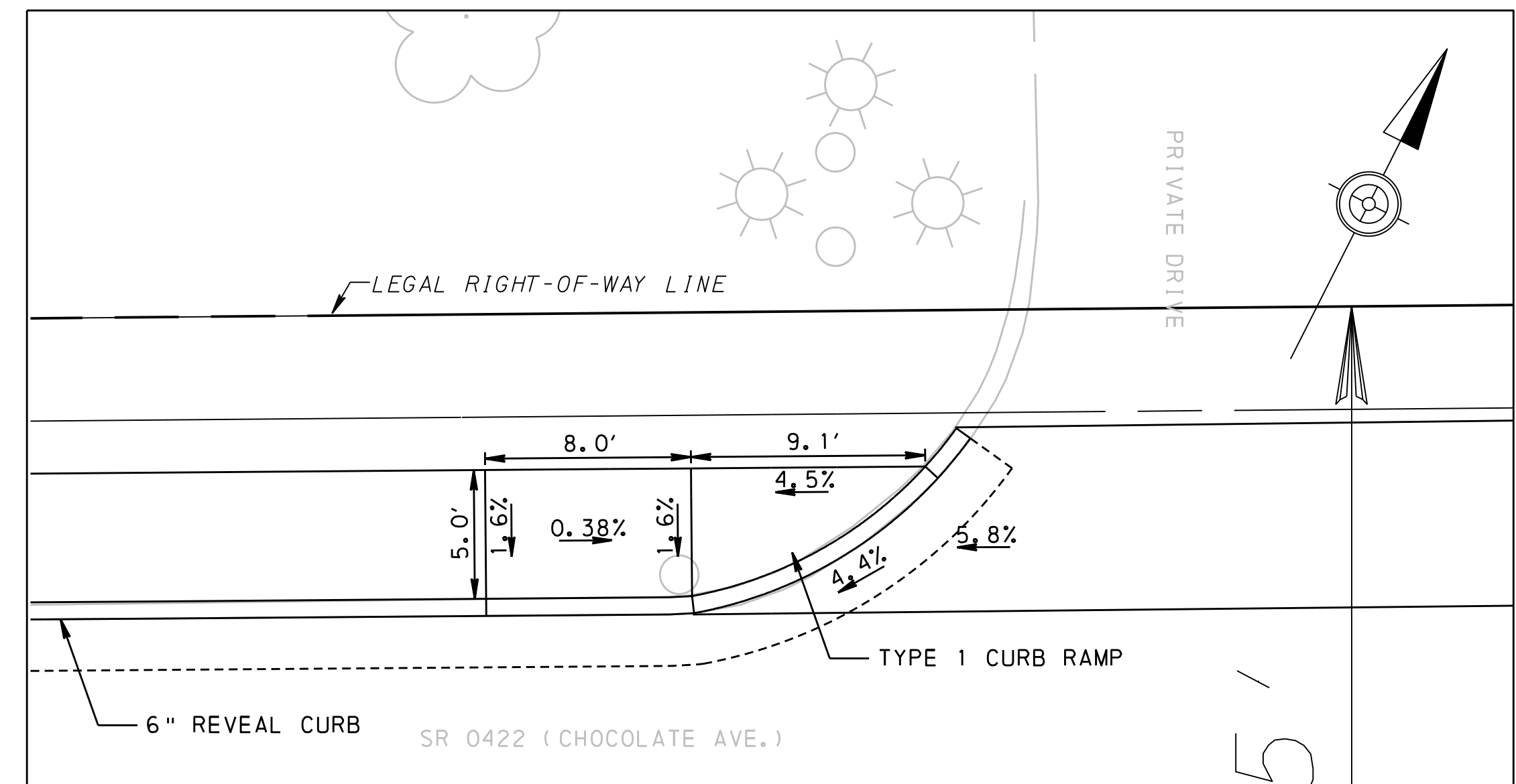
DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	CKB
DESIGN -	KRS
CADD -	KRS
CHECKED -	EJS
SCALE -	1" = 5'
DATE -	FEB 2016

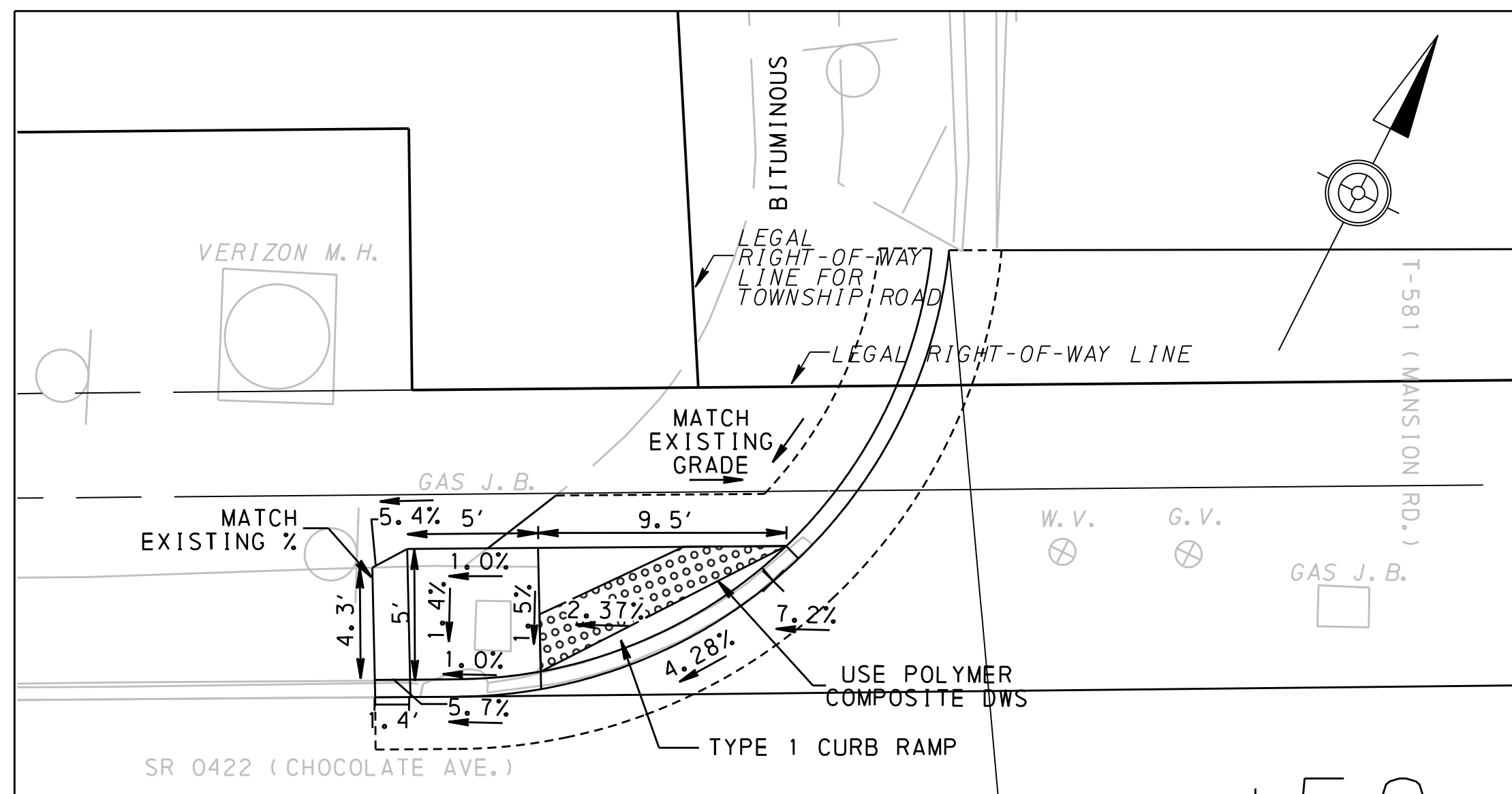
SHEET NO.	11
DRAWING NO.	11 OF 42
PROJECT	2484.0477



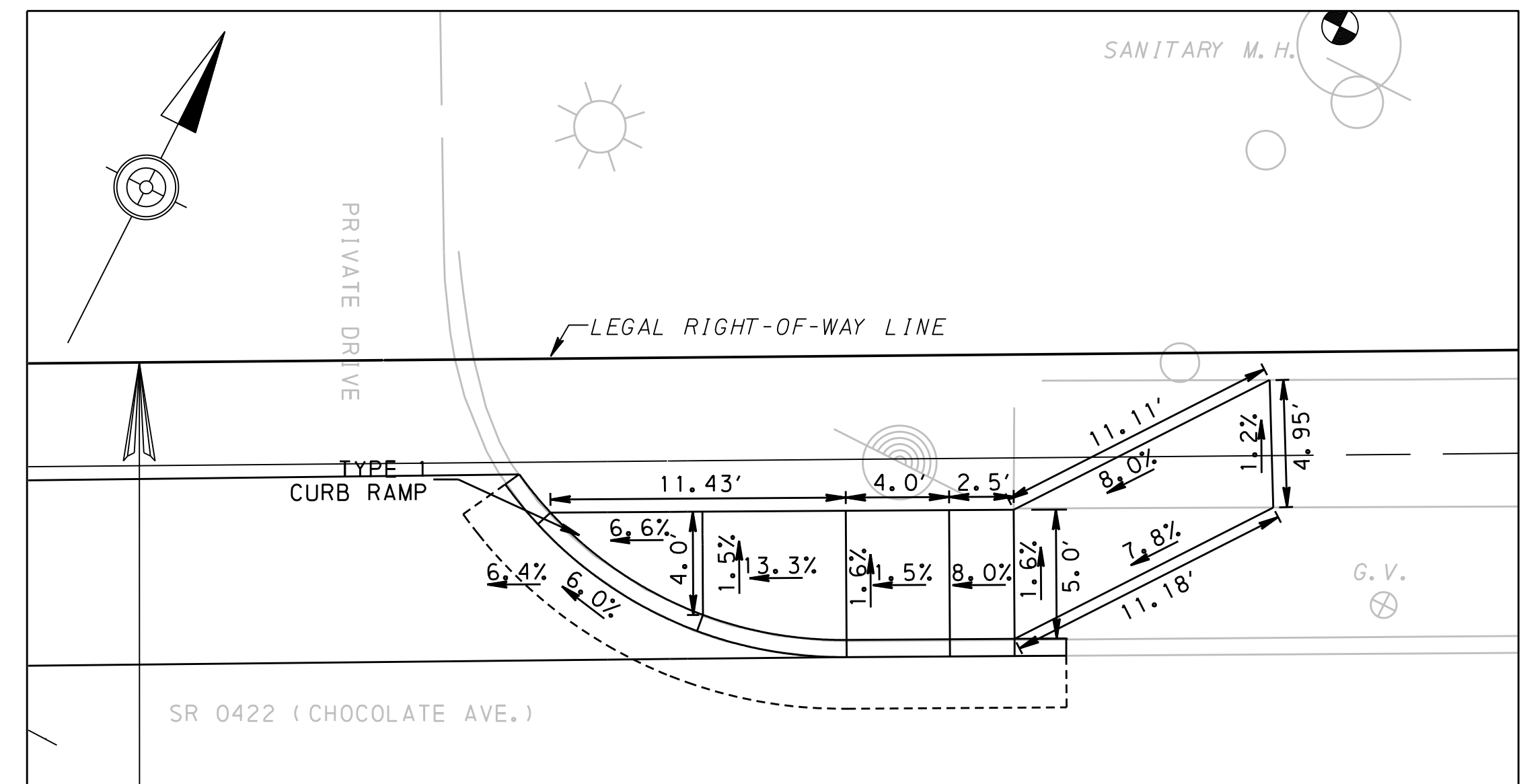
NORTHEAST INTERSECTION OF SR 0422 & T-581 (MANSION RD.)



NORTHWEST INTERSECTION OF SR 0422 & DRIVEWAY AT STA. 600+23.21

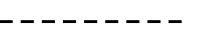






NORTHWEST INTERSECTION OF SR 0422 & T-581 (MANSION RD.)

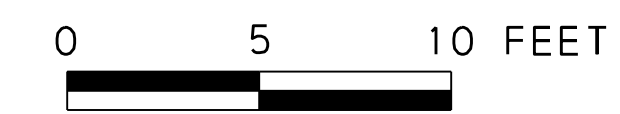


NORTHEAST INTERSECTION OF SR 0422 & DRIVEWAY AT STA. 600+23.21

LEGEND

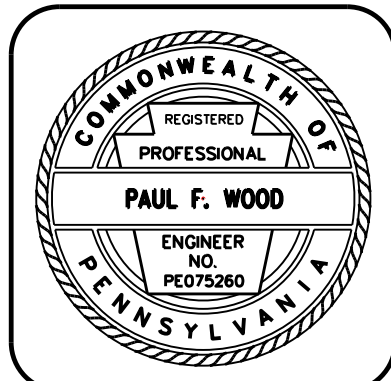
-  SAWCUT
-  LEVEL LANDING AREA
-  DETECTABLE WARNING SURFACE
-  DECORATIVE CROSSWALK
-  REMOVED DECORATIVE BUMP-OUT/MEDIANS

SCALE



FILE NAME: P:\0024\002484_0477\micr\os\at\ion\hop\T24840477_HOP_CRD107.dgn
 PLOTTED: 8/9/2018 2:32:01 PM dcomer
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: R:\micr\os\at\ion\as\andar\ds\p\io\tr\XMA\PDF\pdf_bw_full.plt;fg

NO.	REVISION	DATE	BY
1	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

CURB RAMP DETAILS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT
 DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

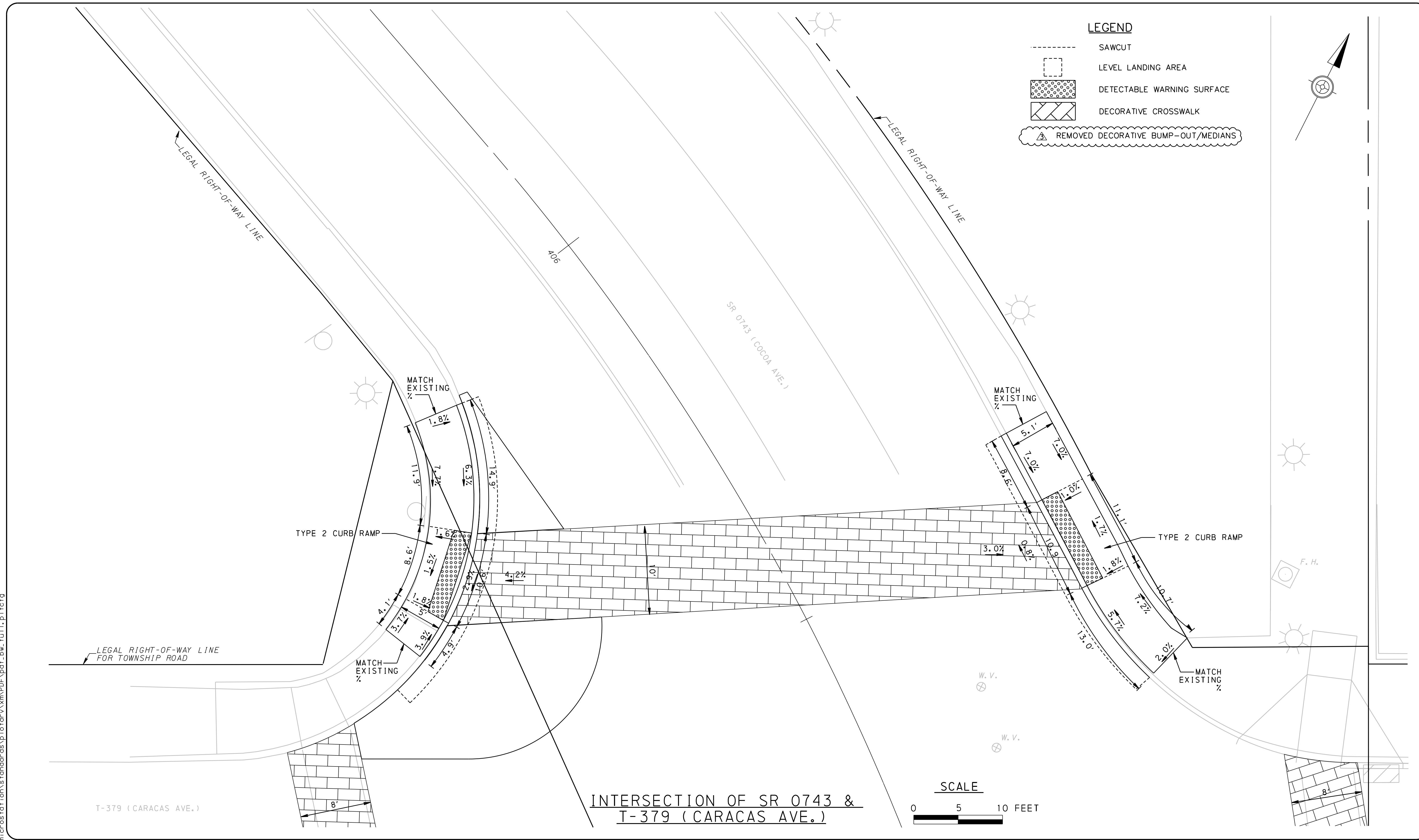
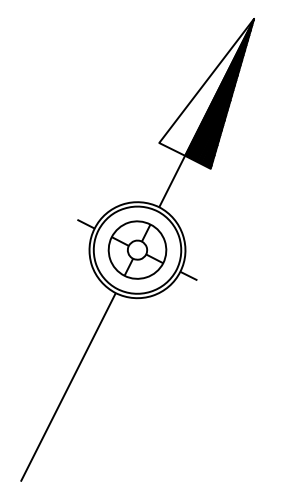
PROJ. MGR. -	CKB
DESIGN -	KRS
CADD -	KRS
CHECKED -	EJS
SCALE -	1" = 5'
DATE -	FEB 2016

SHEET NO.	12
DRAWING NO.	12 OF 42
PROJECT	2484.0477

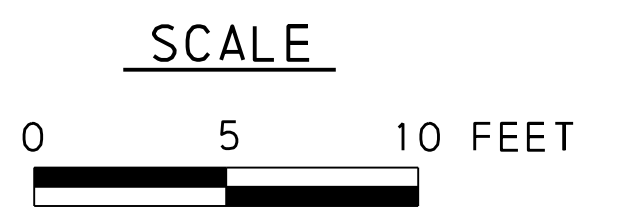
FILE NAME: P:\0024\002484_0477\micros\station\HOP\T24840477_HOP_CRD108.dgn
 PLOTTED: 8/7/2018 2:09:50 PM dcomer
 PEN TABLE: file_date_user_tb
 PLOT DRIVER: ct:\micros\station\standards\p10\tr\vxm\PDF\pdf_bw_full.plt.ctg

LEGEND

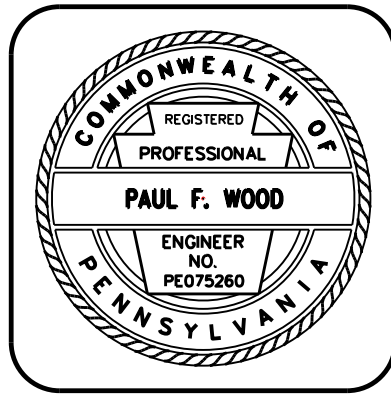
- SAWCUT
- LEVEL LANDING AREA
- ▨ DETECTABLE WARNING SURFACE
- ▧ DECORATIVE CROSSWALK
- ⚠ REMOVED DECORATIVE BUMP-OUT/MEDIANS



INTERSECTION OF SR 0743 & T-379 (CARACAS AVE.)



NO.	REVISION	DATE	BY
1	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

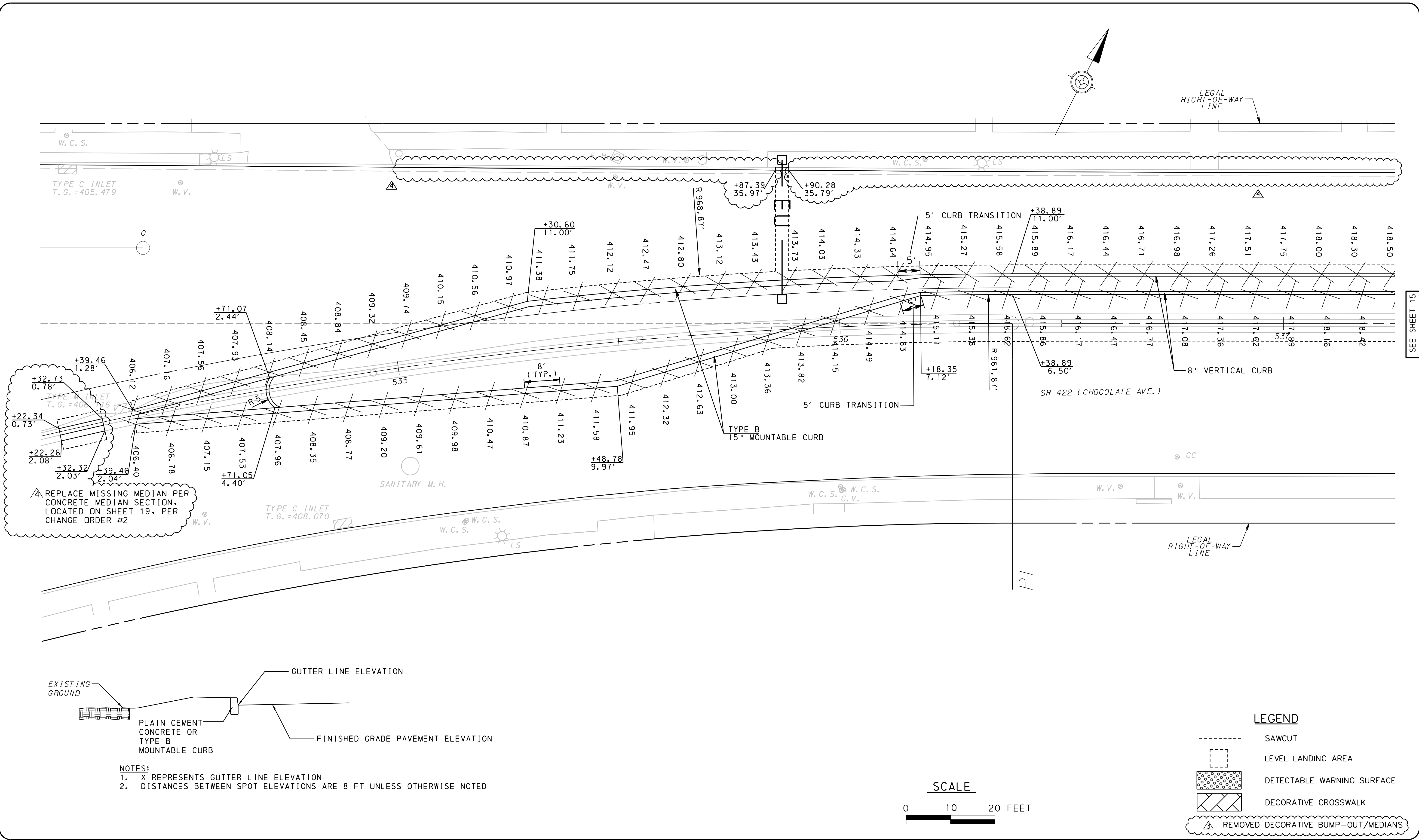
TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

CURB RAMP DETAILS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT
 DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

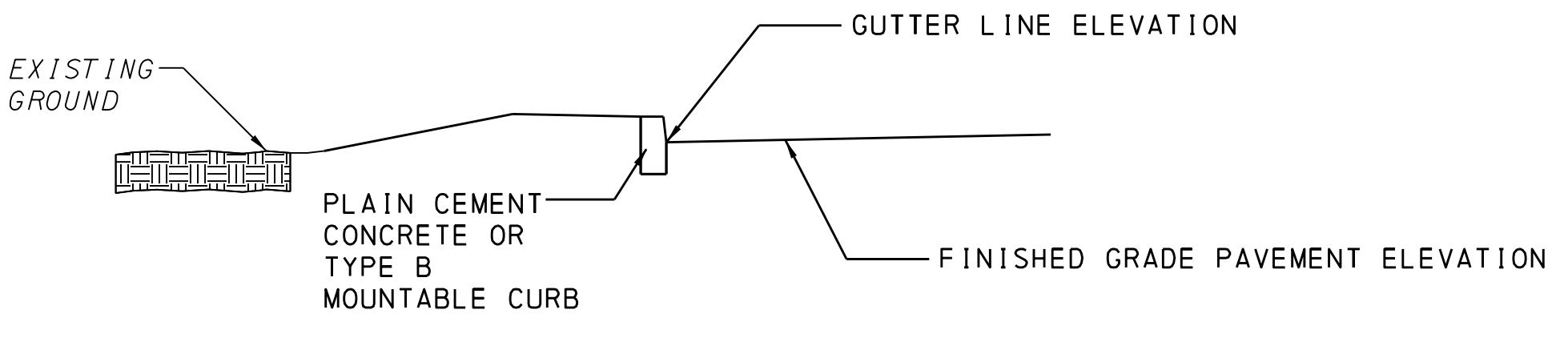
PROJ. MGR. -	CKB
DESIGN -	KRS
CADD -	KRS
CHECKED -	EJS
SCALE -	1" = 5'
DATE -	FEB 2016

SHEET NO.
13
 DRAWING NO.
 13 OF 42
 PROJECT 2484.0477

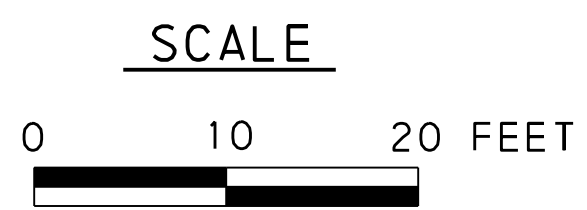
FILE NAME: P:\0024\002484_0477\AM\icr\os\ot\ion\HOP\T24840477_HOP_INTD101.dgn
 PLOTTED: 8/9/2018 2:39:09 PM dcomer
 PEN TABLE: files\corte_usr.tbl
 PLOT DRIVER: R:\Microstation\standards\plotdrv\XMA.PDF\pdf_bw_ful1.plt.ctb



REPLACE MISSING MEDIAN PER CONCRETE MEDIAN SECTION. LOCATED ON SHEET 19. PER CHANGE ORDER #2



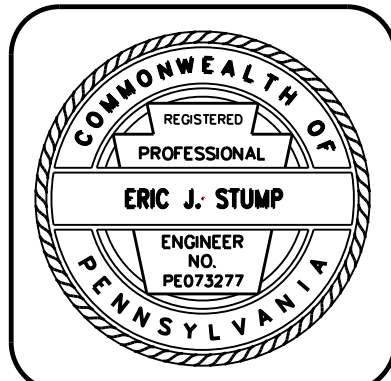
NOTES:
 1. X REPRESENTS GUTTER LINE ELEVATION
 2. DISTANCES BETWEEN SPOT ELEVATIONS ARE 8 FT UNLESS OTHERWISE NOTED



LEGEND

- SAWCUT
- LEVEL LANDING AREA
- DETECTABLE WARNING SURFACE
- DECORATIVE CROSSWALK
- REMOVED DECORATIVE BUMP-OUT/MEDIANS

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

CURB ELEVATION DETAILS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

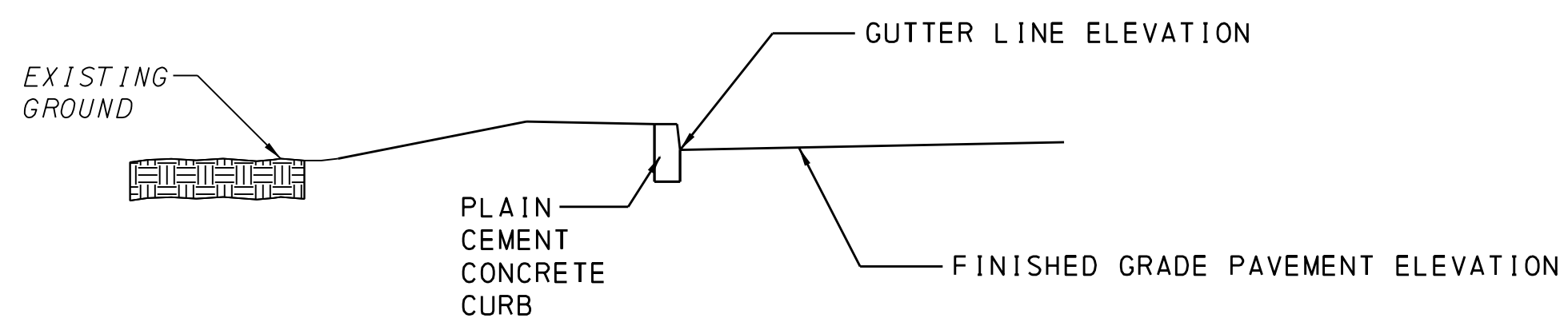
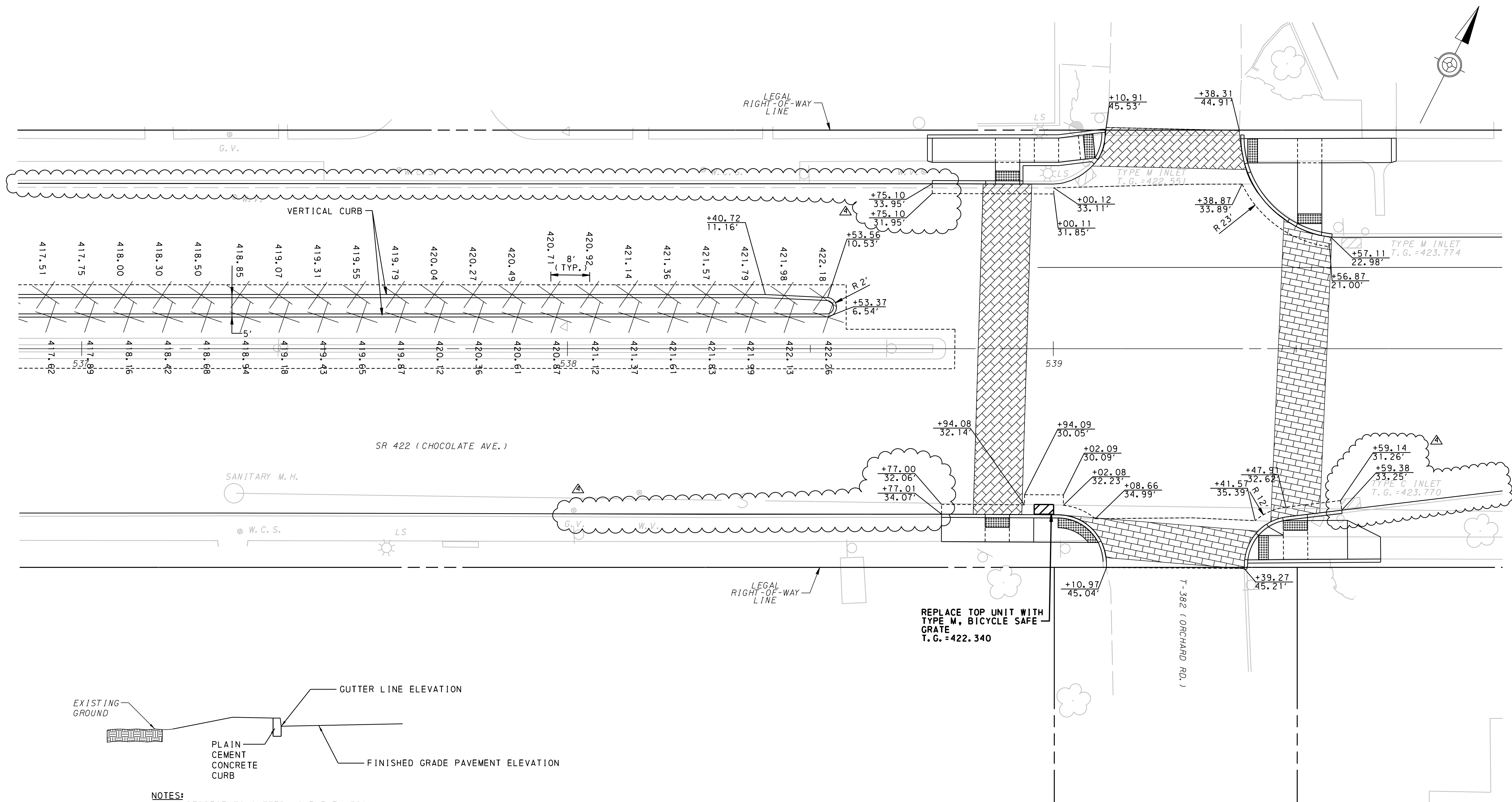
DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	CKB
DESIGN- GLR	
CADD- GLR	
CHECKED- PFW	
SCALE- 1" = 10'	
DATE- FEB 2016	

SHEET NO.	14
DRAWING NO.	14 OF 42
PROJECT	2484.0477

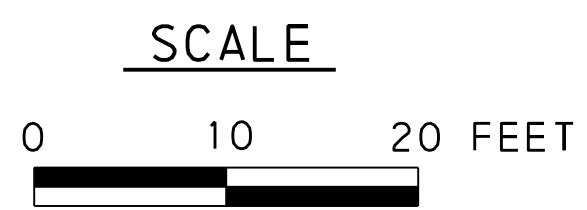
FILE NAME: P:\0024\002484_0477\micr\station\HOP\INTD1L02.dgn
 PLOTTED: 8/9/2018 2:43:43 PM
 PEN TABLE: file\cote_usr.tbl
 PLOT DRIVER: R:\micr\station\standards\p101dr\XMA.PDF.pdf_bw_full.plt

SEE SHEET 14



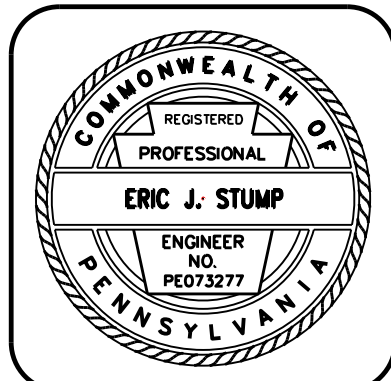
- NOTES:**
1. X REPRESENTS GUTTER LINE ELEVATION
 2. DISTANCES BETWEEN SPOT ELEVATIONS ARE 8 FT UNLESS OTHERWISE NOTED

REPLACE TOP UNIT WITH
 TYPE M, BICYCLE SAFE
 GRATE
 T. G. = 422.340



- LEGEND**
- SAWCUT
 - [Hatched Box] DECORATIVE CROSSWALK
 - [Clouded Box] REMOVED DECORATIVE BUMP-OUT/MEDIANS

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

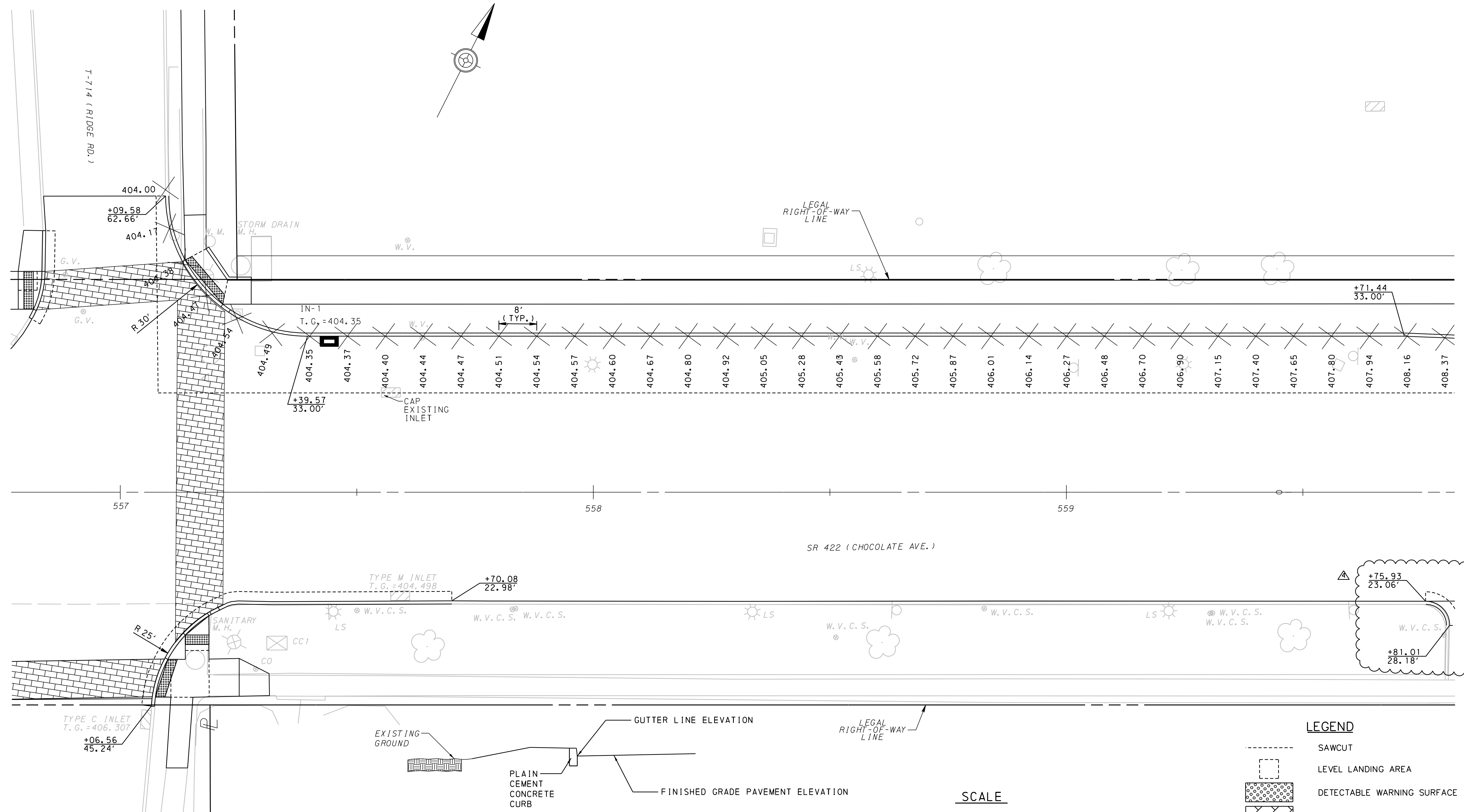
TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

CURB ELEVATION DETAILS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT
 DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- GLR
CADD- GLR
CHECKED- PFW
SCALE- 1" = 10'
DATE- FEB 2016

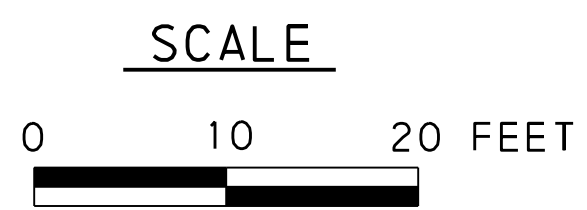
SHEET NO.
15
DRAWING NO.
15 OF 42
PROJECT 2484.0477

FILE NAME: P:\0024\002484_0477\micr\os\1\ton\HOP\T24840477_HOP_INTD103.dgn
 PLOTTED: 8/9/2018 2:44:12 PM dcomer
 PEN TABLE: file\cote_us\er_fb\cote_us
 PLOT DRIVER: R:\micr\station\standards\p\to\tr\XMA\PDF\pdf_bw_full.plt



SEE SHEET 17

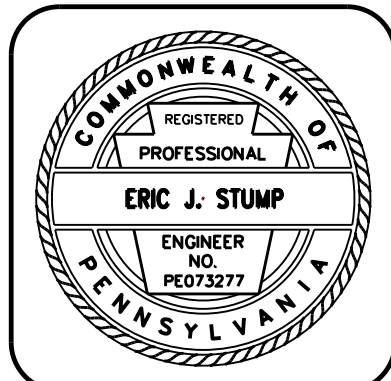
NOTES:
 1. X REPRESENTS GUTTER LINE ELEVATION
 2. DISTANCES BETWEEN SPOT ELEVATIONS ARE 8 FT UNLESS OTHERWISE NOTED



LEGEND

	SAWCUT
	LEVEL LANDING AREA
	DETECTABLE WARNING SURFACE
	DECORATIVE CROSSWALK
	REMOVED DECORATIVE BUMP-OUT/MEDIANS

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL
3	REVISED MATCHLINE	3/20/18	PFW



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com
 Harrisburg • Hermitage • Lancaster • Lewisburg • Morgantown
 State College • Pittsburgh

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

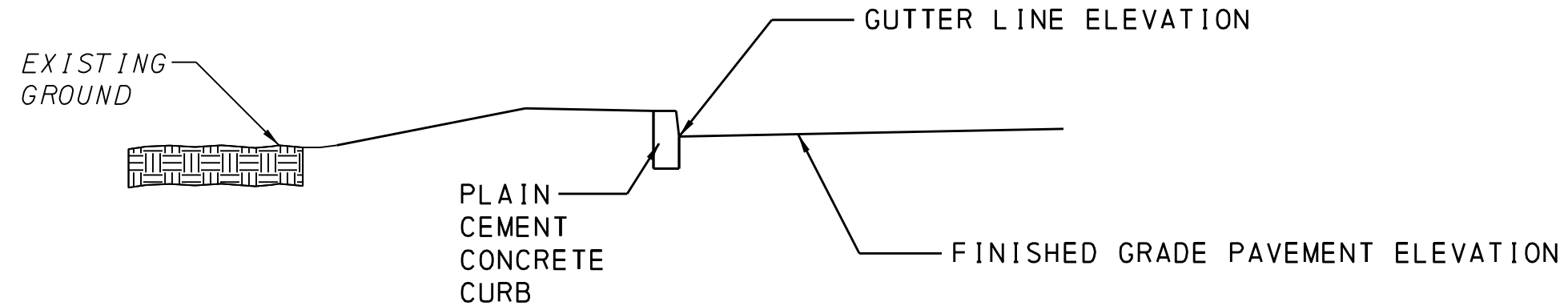
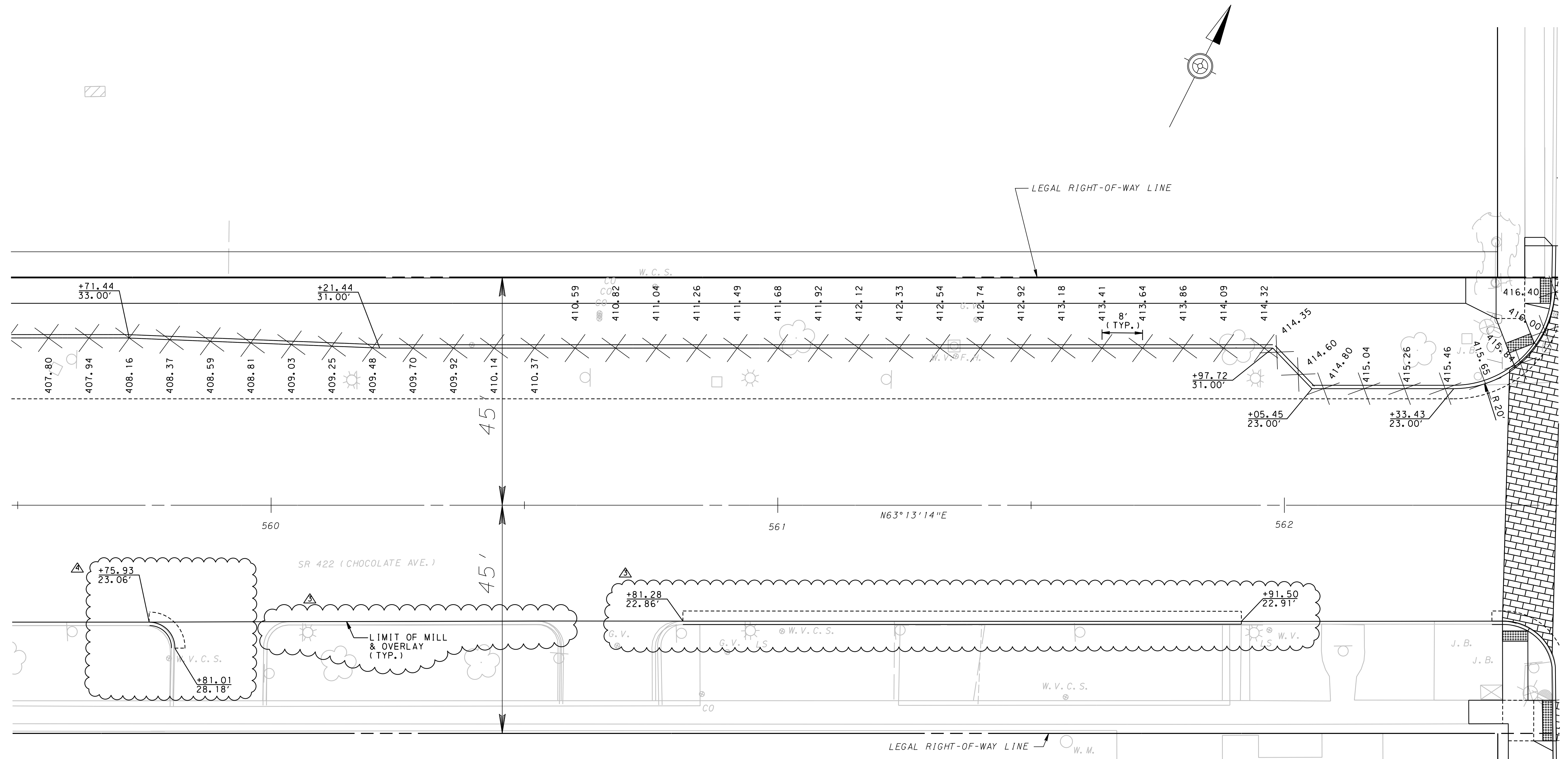
CURB ELEVATION DETAILS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT
 DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- GLR
CADD- GLR
CHECKED- PFW
SCALE- 1" = 10'
DATE- FEB 2016

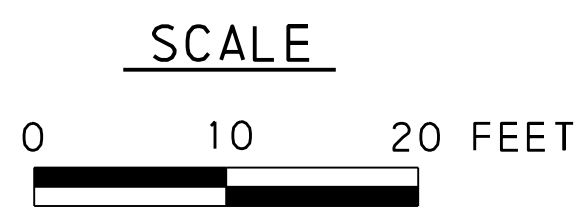
SHEET NO.	16
DRAWING NO.	16 OF 42
PROJECT	2484.0477

FILE NAME: P:\0024\002484_0477\AM\icr\os\ot\ion\HOP\T24840477_HOP_INTDIL04.dgn
 PLOTTED: 8/7/2018 2:09:51 PM dcomer
 PEN TABLE: file_date_user_tb
 PLOT DRIVER: r:\microstation\standards\p10\dr\vxm\PDF\pdf_bw_full.plt

SEE SHEET 16



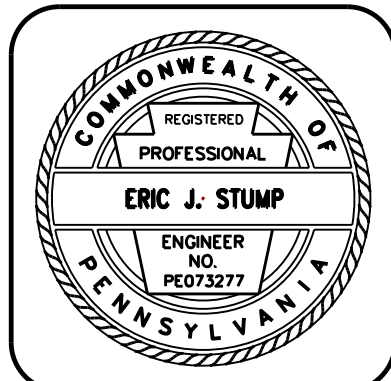
- NOTES:**
1. X REPRESENTS GUTTER LINE ELEVATION
 2. DISTANCES BETWEEN SPOT ELEVATIONS ARE 8 FT UNLESS OTHERWISE NOTED



LEGEND

- SAWCUT
- LEVEL LANDING AREA
- ▨ DETECTABLE WARNING SURFACE
- ▩ DECORATIVE CROSSWALK
- △ REMOVED DECORATIVE BUMP-OUT/MEDIANS

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

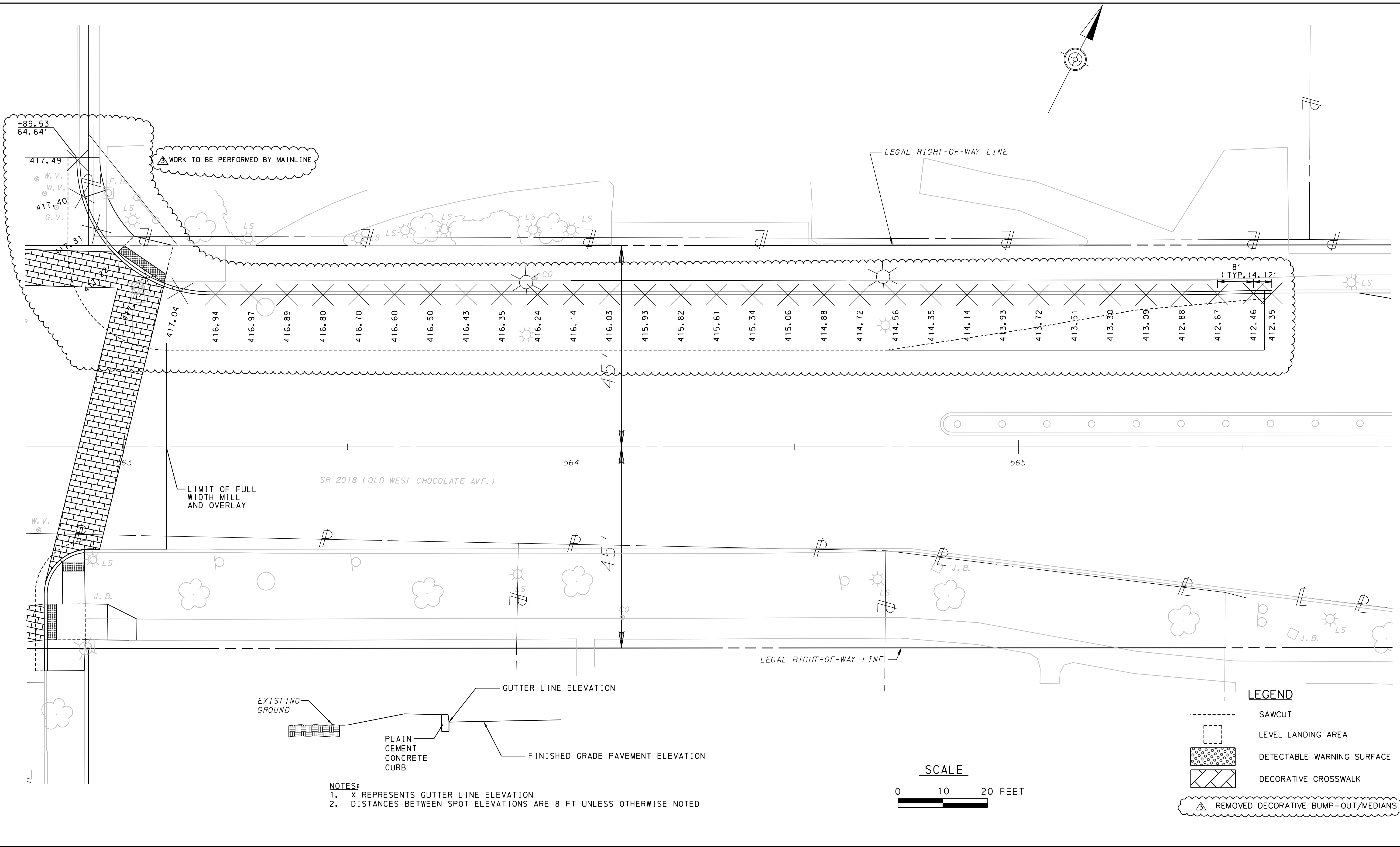
CURB ELEVATION DETAILS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- GLR
CADD- GLR
CHECKED- PFW
SCALE- 1" = 10'
DATE- FEB 2016

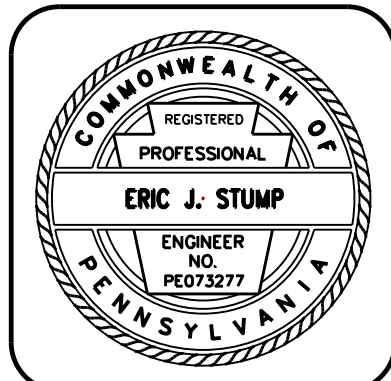
SHEET NO.	17
DRAWING NO.	17 OF 42
PROJECT	2484.0477

FILE NAME: P:\0024\002484_0477\micr\st\ton\HOP\T24840477_HOP_INTD1L05.dgn
 PLOTTED: 8/9/2018 2:44:49 PM dcomer
 PEN TABLE: file_date_user_tb
 PLOT DRIVER: R:\Microstation\standards\plotdrv\XMA.PDF\pdf_bw_full.plt



- NOTES:**
1. X REPRESENTS GUTTER LINE ELEVATION
 2. DISTANCES BETWEEN SPOT ELEVATIONS ARE 8 FT UNLESS OTHERWISE NOTED

NO.	REVISION	DATE	BY
1	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

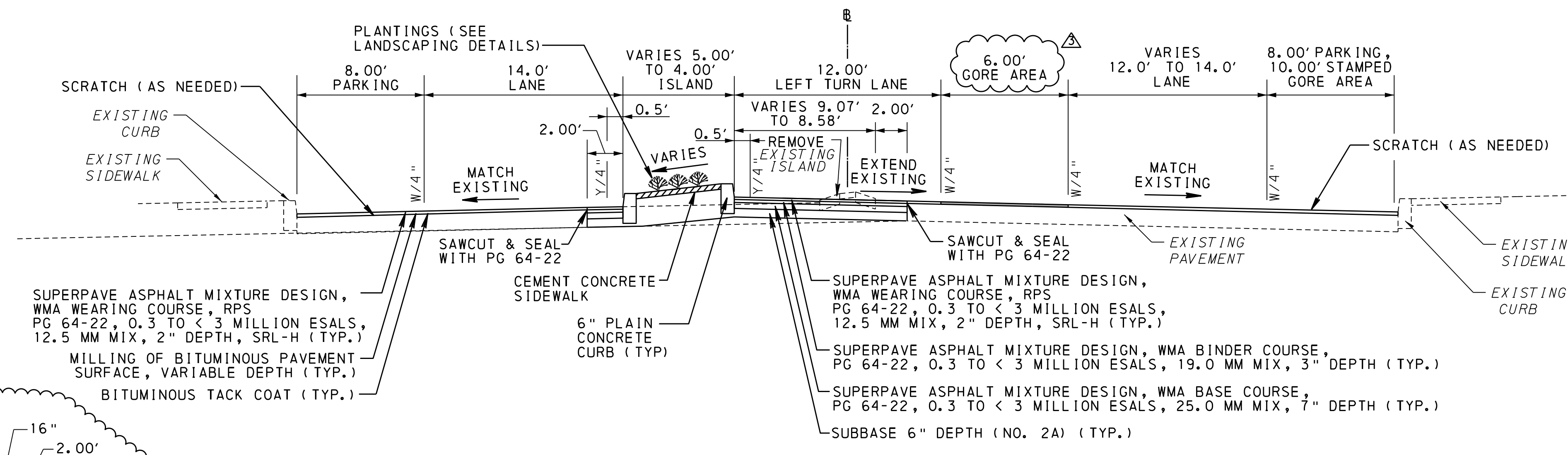
CURB ELEVATION DETAILS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- GLR
CADD- GLR
CHECKED- PFW
SCALE- 1" = 10'
DATE- FEB 2016

SHEET NO.
18
DRAWING NO.
18 OF 42
PROJECT 2484.0477

FILE NAME: P:\0024\002484_0477\micr\os\to\ton\HOP\T24840477_HOP_T501.dgn
 PLOTTED: 8/21/2018 4:24:41 PM
 PEN TABLE: file\cote_user.tbl
 PLOT DRIVER: R:\micr\os\to\ton\as\randar\ds\p\to\tr\XMA.PDF.pdf_bw_full.plt.ctb

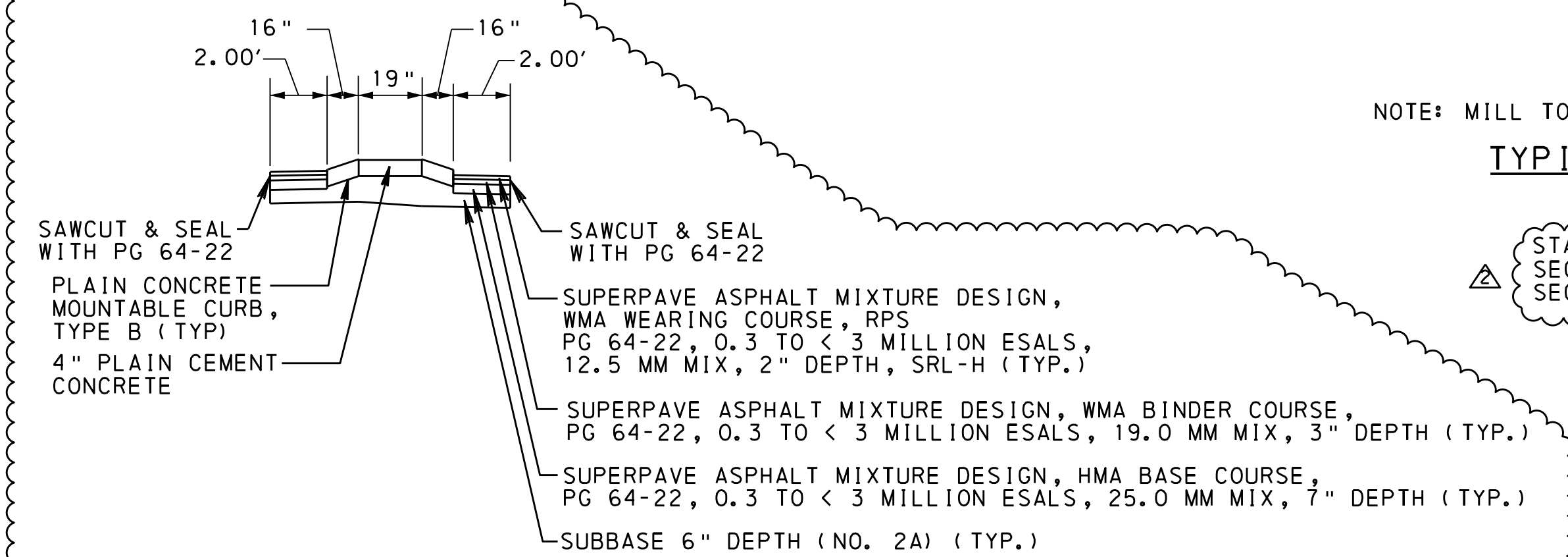


NOTE: MILL TO THE TOP OF EXISTING CONCRETE PAVEMENT

TYPICAL SECTION - SR 0422

NOT TO SCALE

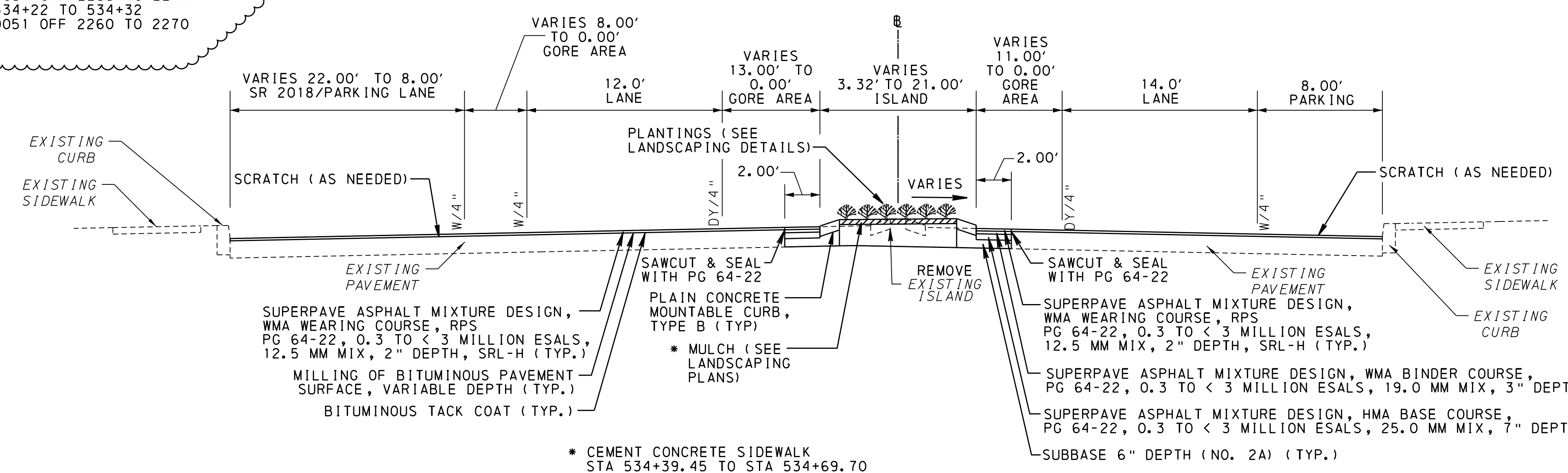
STA 536+17.96 TO STA 539+25
 SEG 0050 / 0051, OFF 2465 TO
 SEG 0070, OFF 0000



CONCRETE MEDIAN TYPICAL SECTION

NOT TO SCALE

STA 533+96 TO STA 534+04
 SEG 0050/0051 OFF 2233 TO 2241
 STA 534+22 TO 534+32
 SEG 0050/0051 OFF 2260 TO 2270



* CEMENT CONCRETE SIDEWALK
 STA 534+39.45 TO STA 534+69.70

NOTE: MILL 3" OR TO THE TOP OF EXISTING CONCRETE PAVEMENT, WHICHEVER IS LESS
 PLACE SCRATCH COURSE AS NEEDED.

TYPICAL SECTION - SR 0422

NOT TO SCALE

STA 534+39.45 TO STA 536+17.96
 SEG 0050 / 0051, OFF 2278 TO 2456

EXISTING PAVEMENT - SR 0422

SEGMENT 0050, OFFSET 1167 TO OFFSET 2504
 SURFACE TREATMENT-NOVACHIP, .63"DEPTH, 24" WIDE (2001)
 SUPERPAVE HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, .75"DEPTH, 24" WIDE (2001)
 REINFORCED CONCRETE PAVEMENT, 61.5" JOINT SPACING/DOWEL, 9"DEPTH, 24" WIDE (1953)
 SPECIAL SUBBASE, 6"DEPTH, 24" WIDE (1953)
 DRAINABLE BASE W/ EDGE DRAINS, 1" WIDE (1953)

SEGMENT 0051, OFFSET 0622 TO OFFSET 1223
 SURFACE TREATMENT-NOVACHIP, .63"DEPTH, 24" WIDE (2001)
 SUPERPAVE HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, .75"DEPTH, 24" WIDE (2001)
 BITUMINOUS WEARING COURSE 1D-2, 2.5"DEPTH, 24" WIDE (1953)
 REINFORCED CONCRETE PAVEMENT, 61.5" JOINT SPACING/DOWEL, 9"DEPTH, 24" WIDE (1953)
 SPECIAL SUBBASE, 6"DEPTH, 24" WIDE (1953)
 DRAINABLE BASE W/ EDGE DRAINS, 1" WIDE (1953)

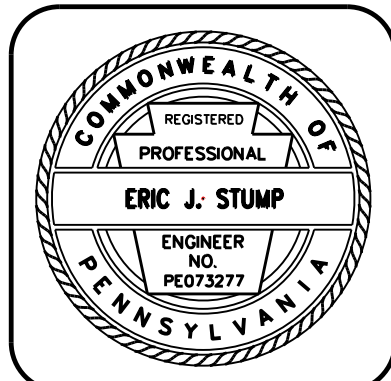
SEGMENT 0051, OFFSET 1223 TO OFFSET 2419
 SURFACE TREATMENT-NOVACHIP, .63"DEPTH, 24" WIDE (2001)
 SUPERPAVE HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, .75"DEPTH, 24" WIDE (2001)
 REINFORCED CONCRETE PAVEMENT, 61.5" JOINT SPACING/DOWEL, 9"DEPTH, 24" WIDE (1953)
 SPECIAL SUBBASE, 6"DEPTH, 24" WIDE (1953)
 DRAINABLE BASE W/ EDGE DRAINS, 1" WIDE (1953)

SEGMENT 0051, OFFSET 2419 TO OFFSET 2475
 SURFACE TREATMENT-NOVACHIP, .63"DEPTH, 24" WIDE (2001)
 SUPERPAVE HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, .75"DEPTH, 24" WIDE (2001)
 PLAIN CEMENT CONCRETE PAVEMENT, 9"DEPTH, 24" WIDE (1953)

SEGMENT 0060, OFFSET 0000 TO OFFSET 0288
 SURFACE TREATMENT-NOVACHIP, .63"DEPTH, 24" WIDE (2001)
 SUPERPAVE HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, .75"DEPTH, 24" WIDE (2001)
 PLAIN CEMENT CONCRETE PAVEMENT, 9"DEPTH, 24" WIDE (1953)

SEGMENT 0061, OFFSET 0000 TO OFFSET 0295
 SURFACE TREATMENT-NOVACHIP, .63"DEPTH, 24" WIDE (2001)
 SUPERPAVE HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, .75"DEPTH, 24" WIDE (2001)
 PLAIN CEMENT CONCRETE PAVEMENT, 9"DEPTH, 24" WIDE (1953)

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL
3	REVISED SEGMENT AND OFFSET CALLOUTS	3/20/18	PFW



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com

Harrisburg • Hermitage • Lancaster • Lewisburg • Morgantown
 State College • Pittsburgh

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

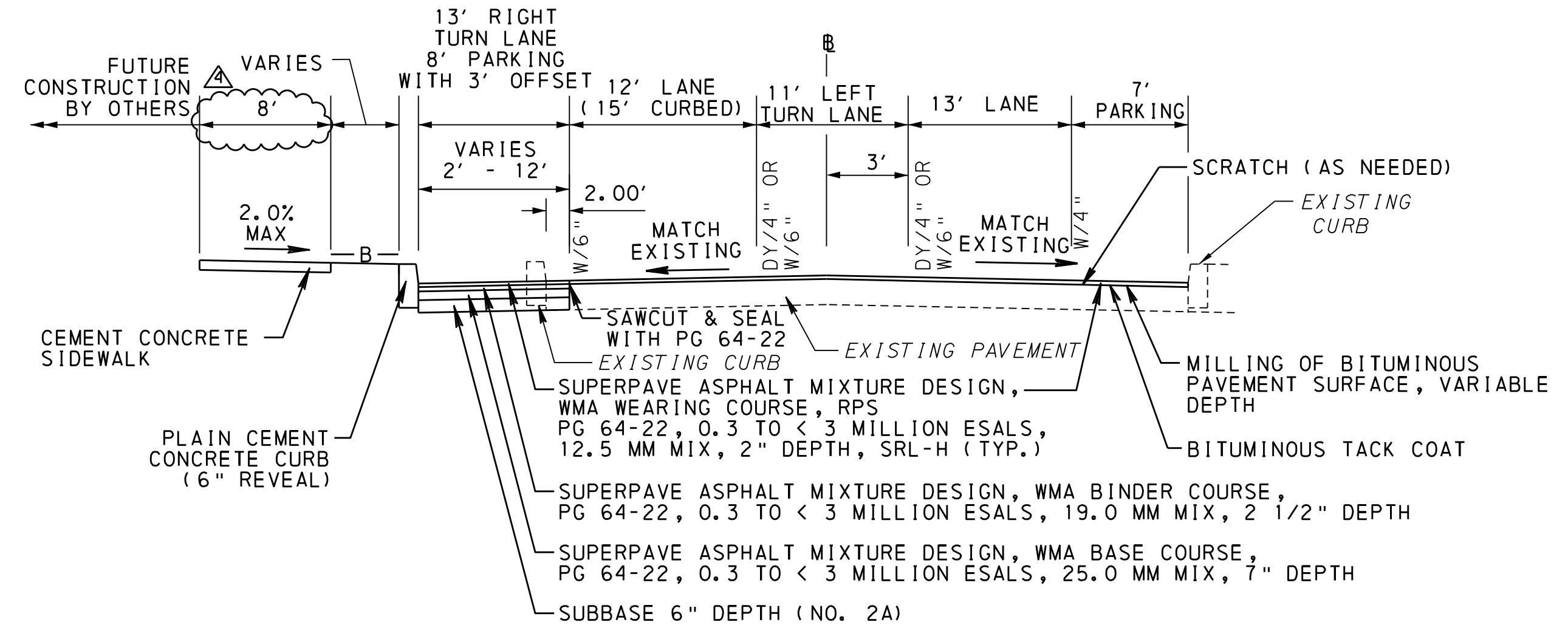
TYPICAL SECTIONS
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	CKB
DESIGN -	CAH
CADD -	RKM
CHECKED -	EJS
SCALE -	NTS
DATE -	FEB 2016

SHEET NO.	19
DRAWING NO.	19 OF 42
PROJECT	2484.0477

FILE NAME: P:\0024\002484_0477\MI\crs\to\ton\HOP\T24840477_HOP_T502.dgn
 PLOTTED: 8/21/2018 4:26:02 PM
 PEN TABLE: files\corte_user.tbl
 PLOT DRIVER: R:\Microstation\standards\plotdrv\XMA.PDF.pdf_bw_full.plt.ctb



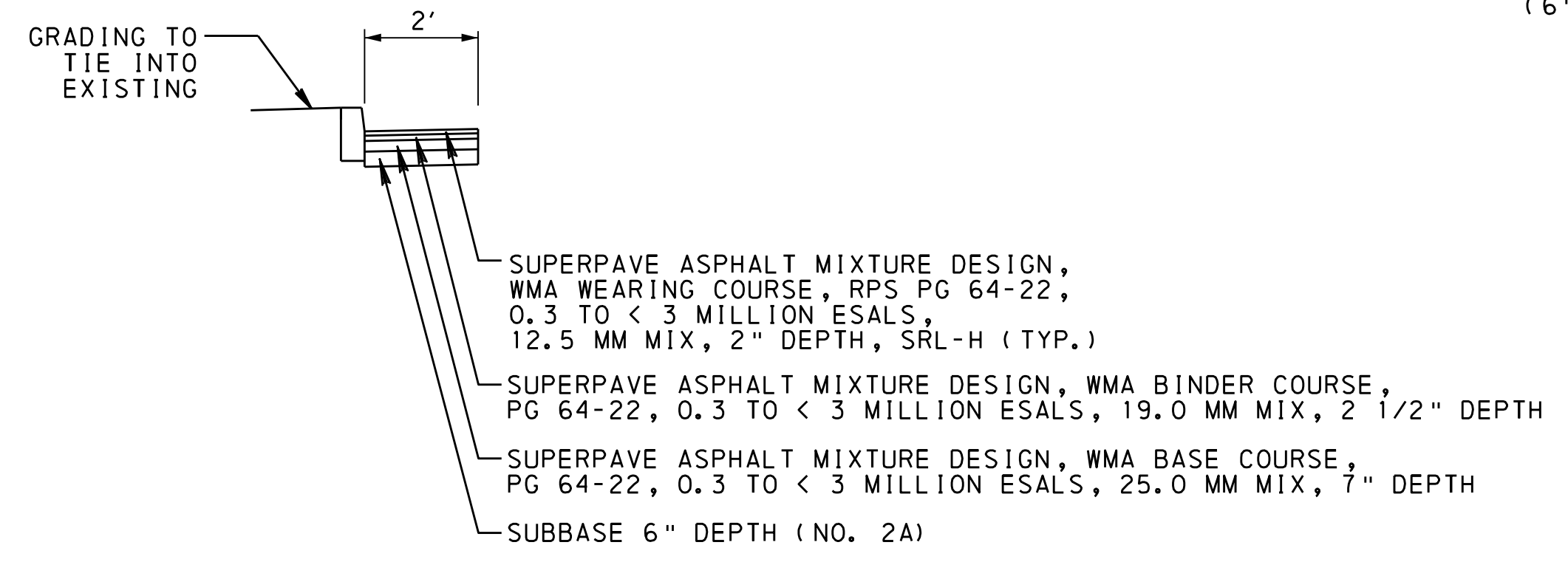
EXISTING PAVEMENT - SR 0422

SEGMENT 0070, OFFSET 0000 TO OFFSET 0085
 SURFACE TREATMENT-NOVACHIP, .63"DEPTH, 24" WIDE (2001)
 SUPERPAVE HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, .75"DEPTH, 24" WIDE (2001)
 PLAIN CEMENT CONCRETE PAVEMENT, 9"DEPTH, 24" WIDE (1953)

SEGMENT 0070, OFFSET 0085 TO OFFSET 0151
 SURFACE TREATMENT-NOVACHIP, .63"DEPTH, 46" WIDE (2001)
 SUPERPAVE HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, .75"DEPTH, 46" WIDE (2001)
 BITUMINOUS WEARING COURSE 1D-2, 1.5"DEPTH, 46" WIDE (1984)
 BITUMINOUS WEARING COURSE 1D-2, 2"DEPTH, 46" WIDE (1962)
 PLAIN CEMENT CONCRETE PAVEMENT, 7"DEPTH, 46" WIDE (1928)

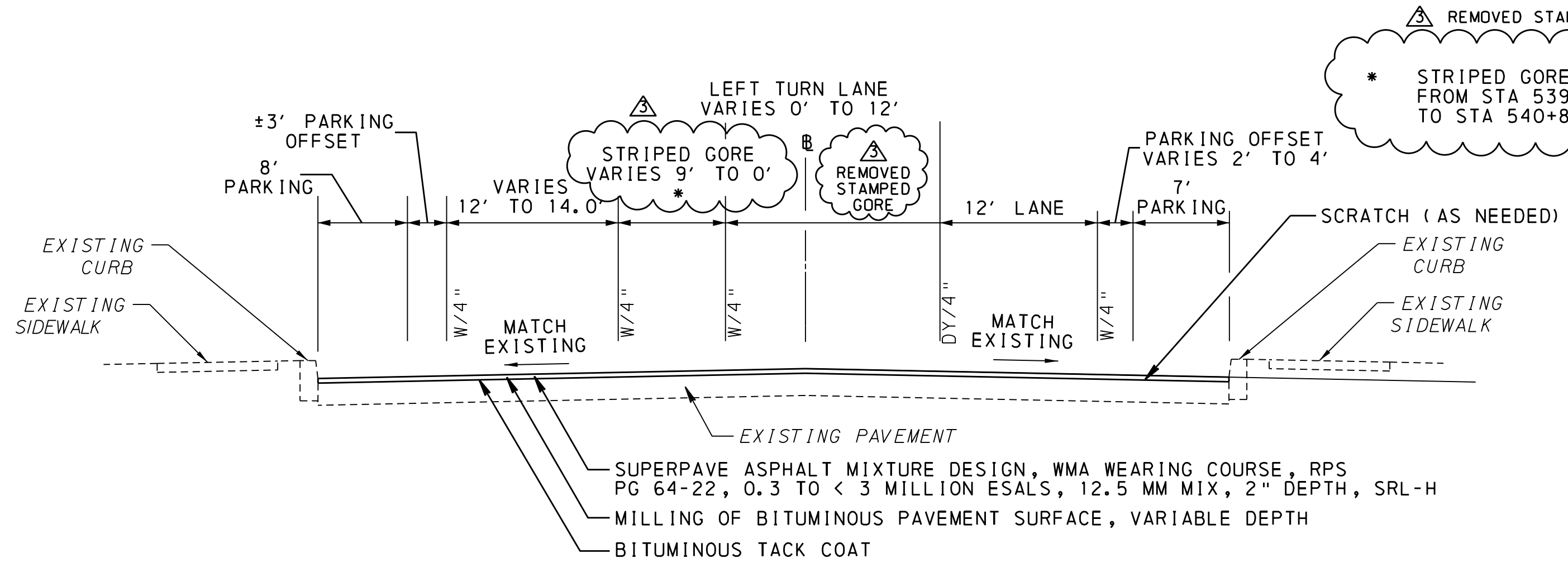
SEGMENT 0070, OFFSET 0151 TO OFFSET 2323
 SUPERPAVE HMA WEARING COURSE, PG 76-22, 12.5 MM, H, 2"DEPTH, 46" WIDE (2005)
 SUPERPAVE HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, .50"DEPTH, 46" WIDE (2005)
 BITUMINOUS WEARING COURSE 1D-2, 2"DEPTH, 46" WIDE (1962)
 PLAIN CEMENT CONCRETE PAVEMENT, 7"DEPTH, 46" WIDE (1928)

TYPICAL SECTION - SR 0422
 NOT TO SCALE
 STA 557+08.00 TO STA 563+09.53
 SEG 0070, OFF 1783 TO 2385

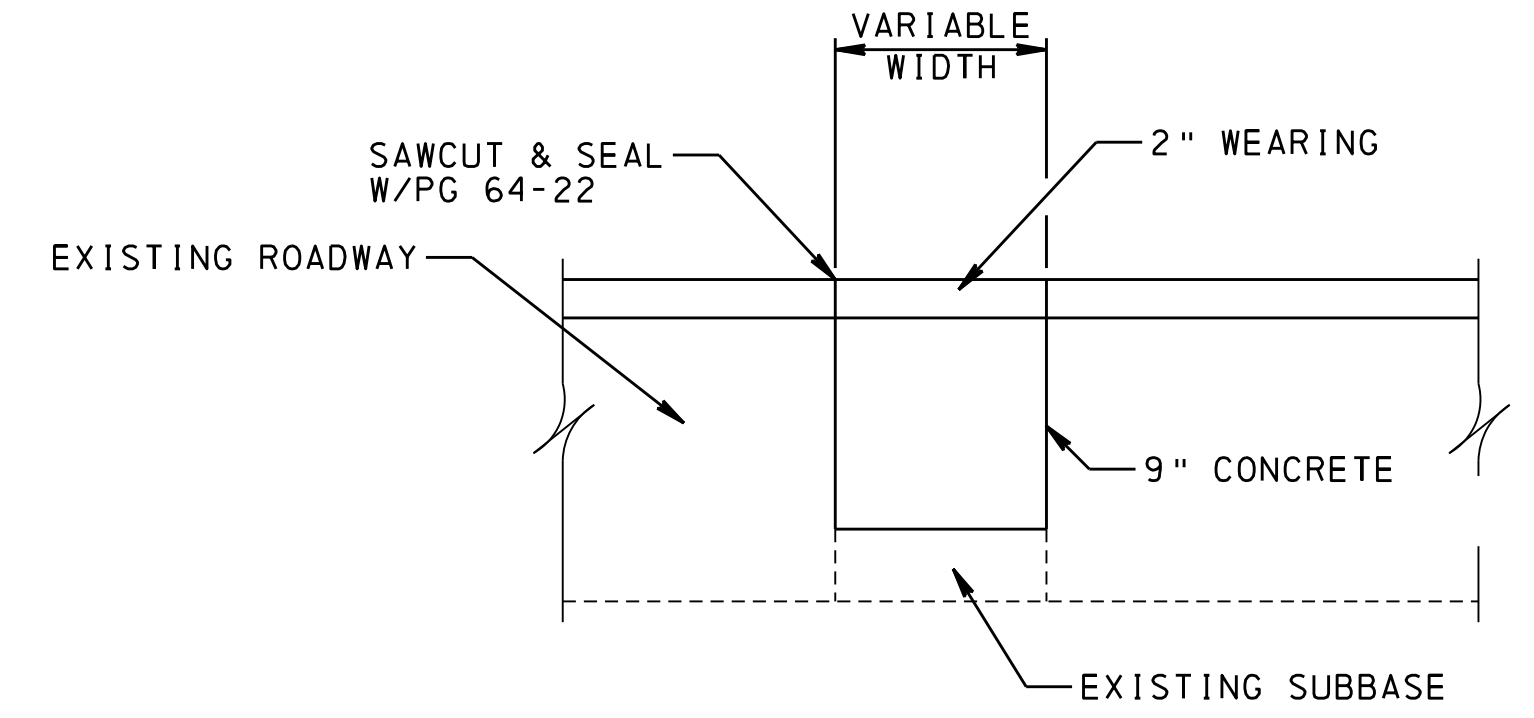


TYPICAL CURB REPLACEMENT
 NOT TO SCALE

FROM STA 534+39.45 TO 539+25, BINDER COURSE, 3" DEPTH
 FROM STA 539+25 TO STA 563+09.53, WEARING TO BE PLACED IN CONJUNCTION WITH THE MILL & OVERLAY.



TYPICAL SECTION - SR 0422
 NOT TO SCALE
 STA 539+25 TO STA 557+08.00
 SEG 0070, OFF 0000 TO
 SEG 0070, OFF 1783
 NOTE: MILL 2" OR TO TOP OF EXISTING CONCRETE PAVEMENT, WHICHEVER IS LESS.

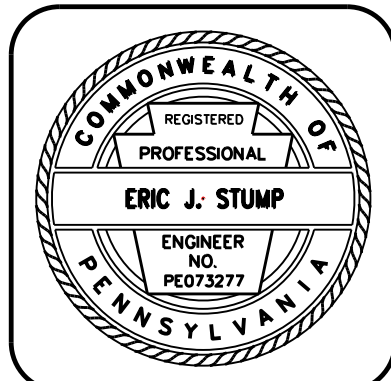


TYPICAL BASE REPAIR
 NOT TO SCALE

NOTE: WIDTH AND LOCATIONS TO BE ESTABLISHED IN THE FIELD, AS NEEDED, BY THE ENGINEER OR ENGINEER'S REPRESENTATIVE.

LEGEND
 — B — SEEDING AND SOIL SUPPLEMENTS - FORMULA B WITH TOPSOIL FURNISHED AND PLACED MODIFIED

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL
3	REVISED SEGMENT AND OFFSET CALLOUTS	3/20/18	PFW



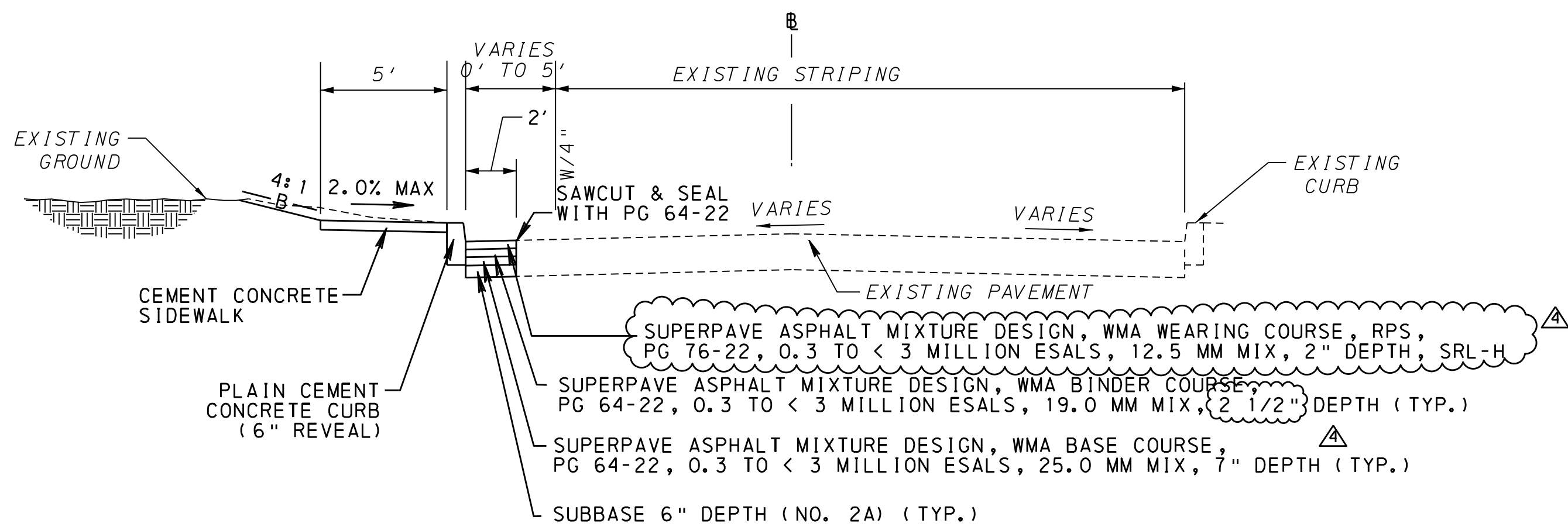
HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

TYPICAL SECTIONS FOR HIGHWAY OCCUPANCY PERMIT PLAN
 SR 422 STREETScape PROJECT
 DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- CAH
CADD- RKM
CHECKED- EJS
SCALE- 1" = 10'
DATE- FEB 2016

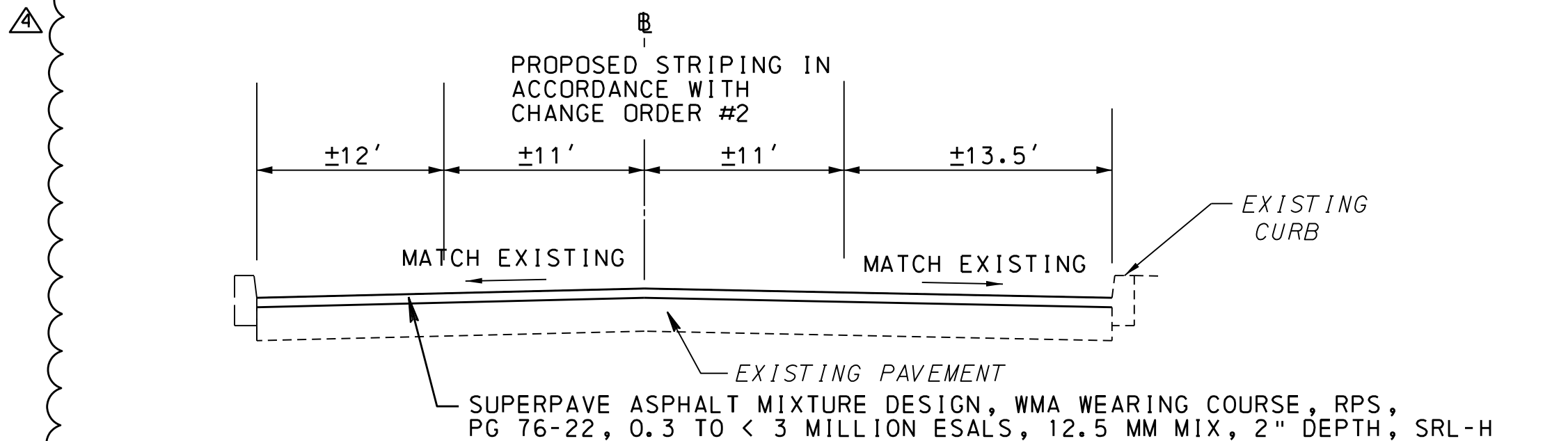
SHEET NO. 20
DRAWING NO. 20 OF 42
PROJECT 2484.0477



TYPICAL SECTION - SR 0422

NOT TO SCALE

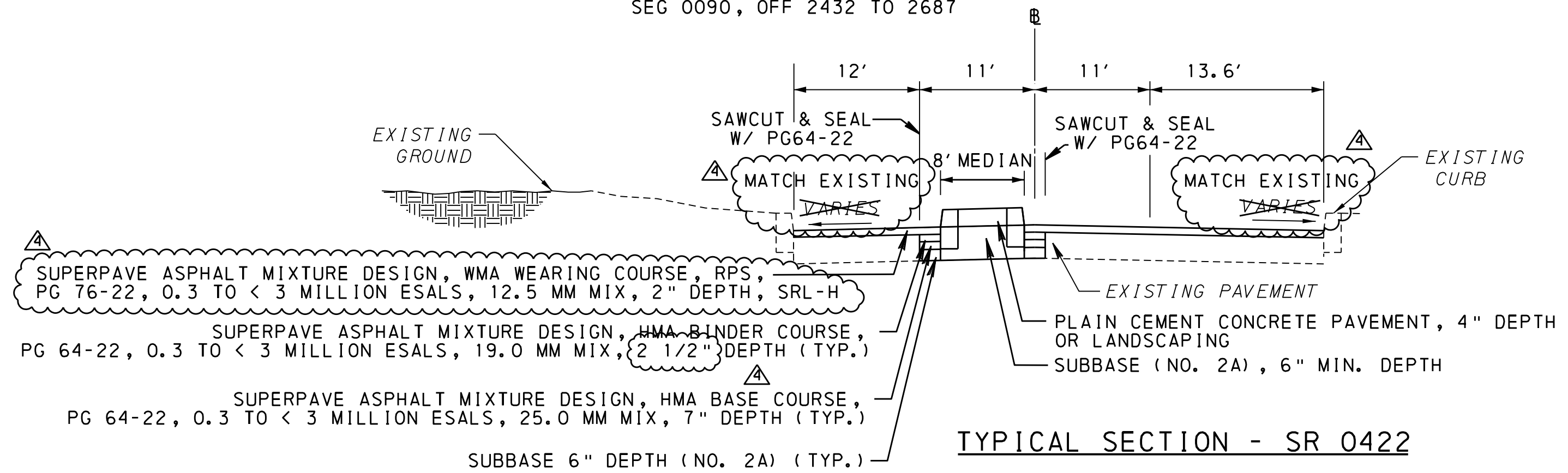
STA 598+03.91 TO STA 600+59.53
SEG 0090, OFF 2432 TO 2687



TYPICAL SECTION - SR 0422

NOT TO SCALE

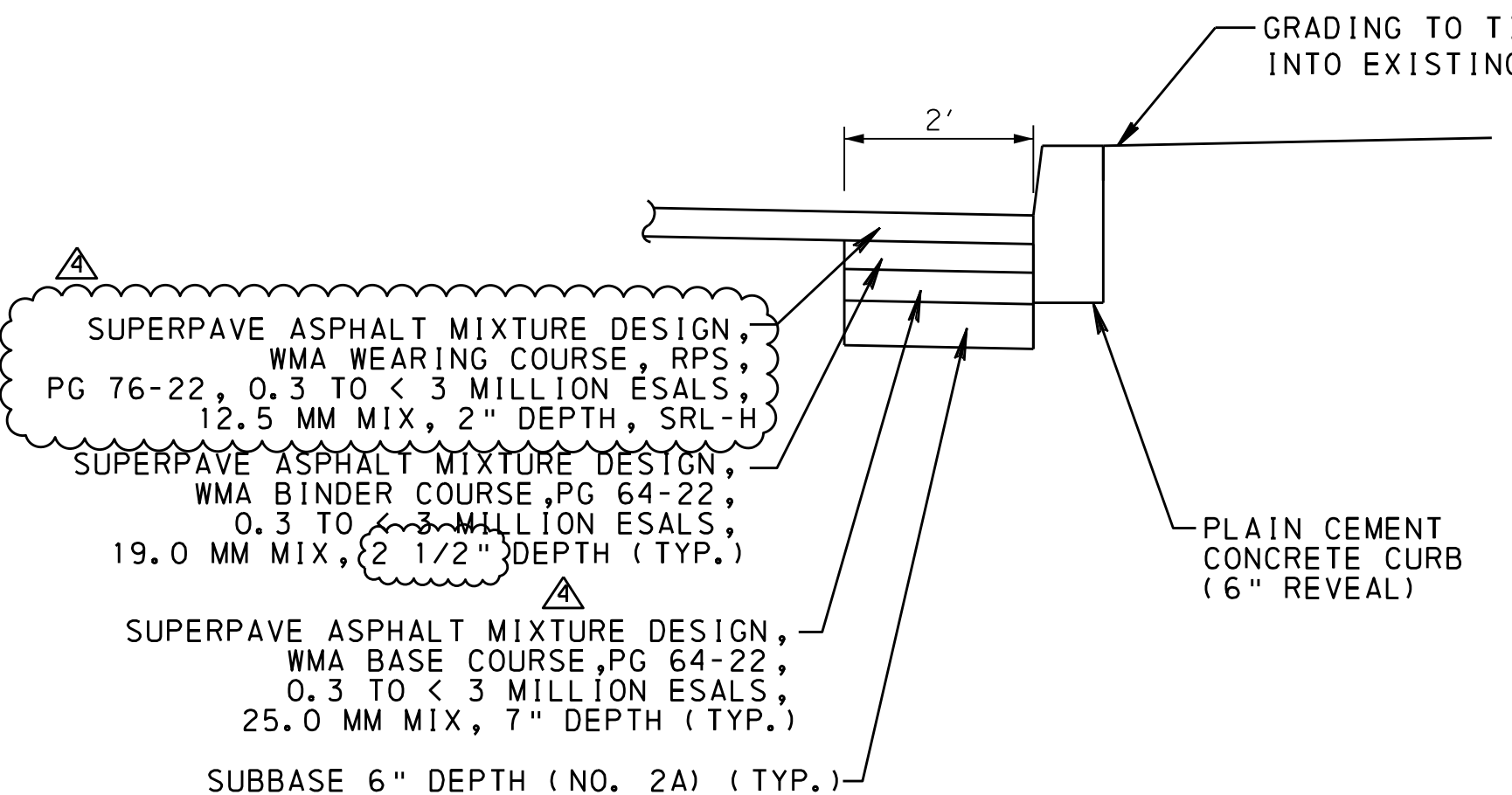
STA 577+79.00 TO STA 592+70.83
SEG 0090, OFF 0407 TO 1899
STA 593+12.35 TO STA 593+50.00
SEG 0090, OFF 1936 TO 1974



TYPICAL SECTION - SR 0422

NOT TO SCALE

STA 592+70.83 TO STA 593+12.35
SEG 0090, OFF 1894 TO 1936



CURB REPAIR DETAIL

NOT TO SCALE

STA 589+19.57 TO STA 589+59.57
STA 590+15.78 TO STA 590+47.78

EXISTING PAVEMENT - SR 0422

- SEGMENT 0070, OFFSET 2323 TO OFFSET 2551
SUPERPAVE HMA WEARING/LEVELING COURSE, PG 64-22, 12.5 MM, L, 2" DEPTH, 60' WIDE (2005)
SUPERPAVE HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, .50" DEPTH, 60' WIDE (2005)
BITUMINOUS WEARING COURSE 1D-2, 1.5" DEPTH, 60' WIDE (1962)
PLAIN CEMENT CONCRETE PAVEMENT, 7" DEPTH, 60' WIDE (1928)
- SEGMENT 0090, OFFSET 1936 TO OFFSET 2197
SUPERPAVE, HMA WEARING, 12.5 MM, E, 1.5" DEPTH, 46" WIDE (2001)
SUPERPAVE, HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, 1" DEPTH, 46" WIDE (2001)
BITUMINOUS WEARING COURSE, 1D-2, 1.5" DEPTH, 44" WIDE (1984)
BITUMINOUS WEARING COURSE 1D-2, 2" DEPTH, 23" WIDE (1962)
PLAIN CEMENT CONCRETE PAVEMENT, 7" DEPTH, 23" WIDE (1928)

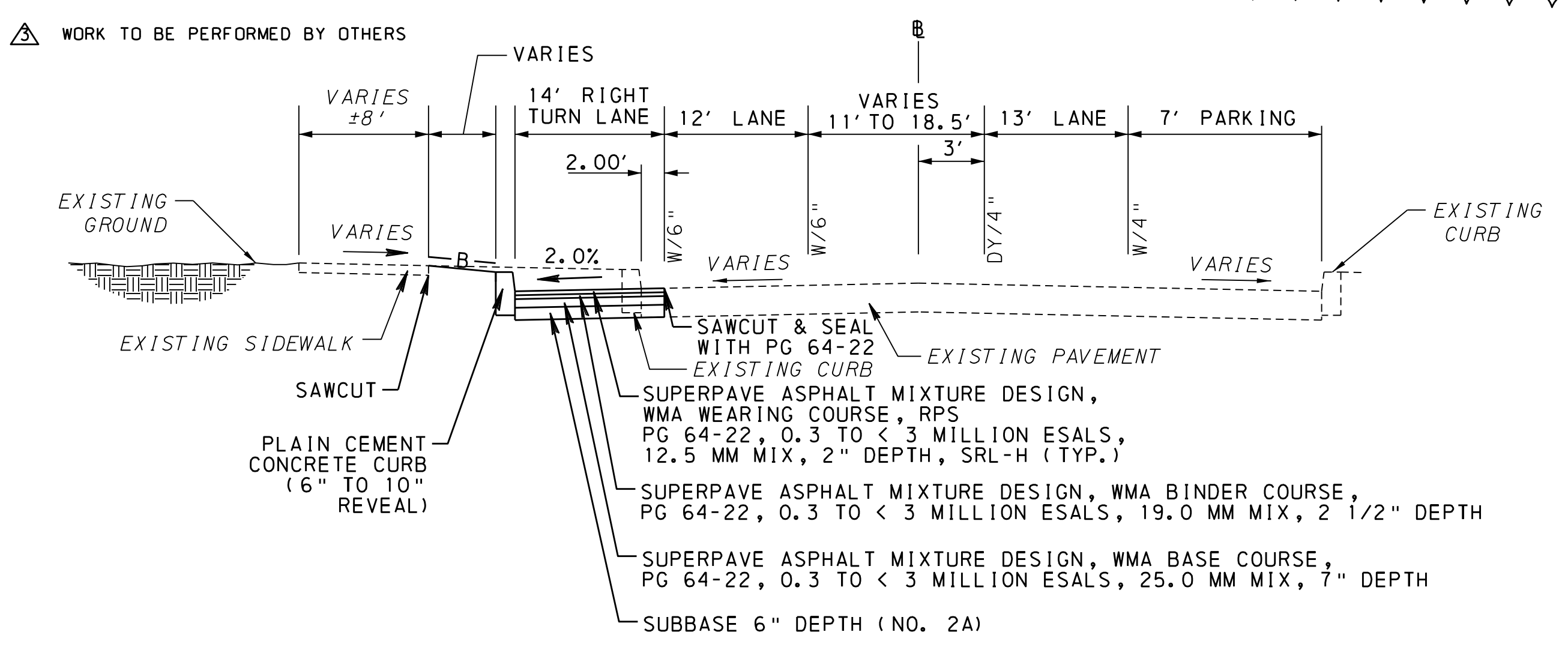
- SEGMENT 0090, OFFSET 2257 TO OFFSET 2606
SUPERPAVE, HMA WEARING, 12.5 MM, E, 1.5" DEPTH, 46" WIDE (2001)
SUPERPAVE, HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, 1" DEPTH, 46" WIDE (2001)
BITUMINOUS WEARING COURSE, 1D-2, 1.5" DEPTH, 44" WIDE (1984)
BITUMINOUS WEARING COURSE 1D-2, 2" DEPTH, 23" WIDE (1962)
PLAIN CEMENT CONCRETE PAVEMENT, 7" DEPTH, 23" WIDE (1928)

- SEGMENT 0090, OFFSET 2606 TO OFFSET 2807
SUPERPAVE, HMA WEARING, 12.5 MM, E, 1" DEPTH, 45" WIDE (2001)
SUPERPAVE, HMA WEARING/SCRATCH COURSE, PG 64-22, 9.5 MM, 1.5" DEPTH, 46" WIDE (2001)
BITUMINOUS WEARING COURSE 1D-2, 1.5" DEPTH, 44" WIDE (1984)
REINFORCED CEMENT CONCRETE PAVEMENT, 9" DEPTH, 10" WIDE (1928)
REINFORCED CEMENT CONCRETE PAVEMENT, 9" DEPTH, 13" WIDE (1928)

LEGEND

— B — SEEDING AND SOIL SUPPLEMENTS - FORMULA B WITH TOPSOIL FURNISHED AND PLACED MODIFIED

NOTE: 3" MILL & 1" SCRATCH, FROM STA 577+79 TO 593+50, PERFORMED UNDER PENNDOT PROJECT MPMS, NO 106333. 2" OVERLAY ADDED & BINDER REDUCED TO 2 1/2".



TYPICAL SECTION - SR 0422

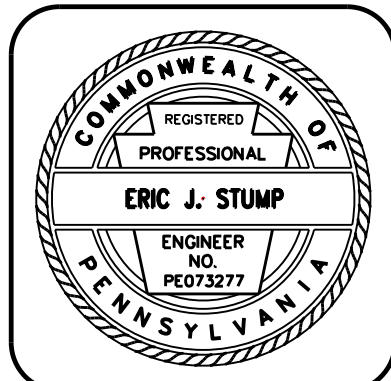
NOT TO SCALE

STA 563+09.53 TO STA 565+56.60
SEG 0090, OFF 2385 TO 2632

* VARIABLE WIDTH MILL AND OVERLAY 0'-11' WIDE STA 564+21.3 TO 565+56.60

FILE NAME: P:\0024\002484_0477\micr\st\ton\hop\T24840477_HOP_T503.dgn
PLOTTER: 8/9/2018 5:08:19 PM dcomer
PEN TABLE: file: c:\p1\pcr\p1\p1.ctb
PLOT DRIVER: R:\micr\st\ton\as\p1\p1.ctb

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL
3	REVISED SEGMENT AND OFFSET CALLOUTS	3/20/18	PFW



HRG
Herbert, Rowland & Grubic, Inc.
Engineering & Related Services

369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
Fax: (717) 564-1158
Email: hrg@hrg-inc.com
Website: www.hrg-inc.com

Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
State College ■ Pittsburgh

TOWNSHIP OF DERRY
600 CLEARWATER ROAD
HERSHEY, PA 17033
(717) 533-2057

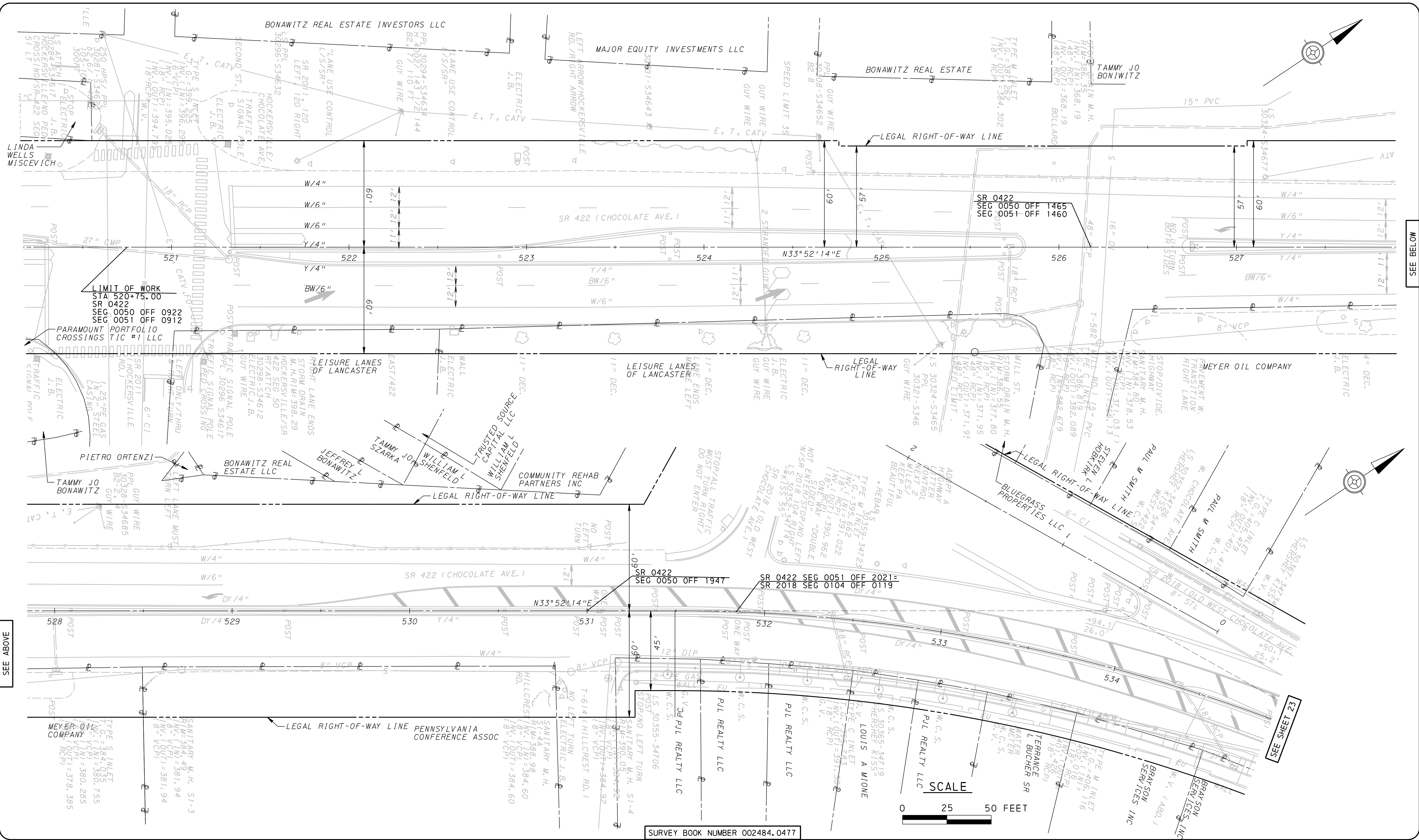
TYPICAL SECTIONS
FOR
HIGHWAY OCCUPANCY
PERMIT PLAN
SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- CAH
CADD- RKM
CHECKED- EJS
SCALE- 1" = 10'
DATE- FEB 2016

SHEET NO. 21
DRAWING NO. 21 OF 42
PROJECT 2484.0477

FILE NAME: P:\0024\002484_0477\micr\st01\ton\HOP\NT24840477_HOP_EC_PLO1.DGN
 PLOTTED: 8/21/2018 4:26:34 PM dcomer
 PEN TABLE: file\gate_user.tbl
 PLOT DRIVER: R:\MicroStation\standards\plotdrv\vxm\pdf\pdf.dwg_full.plt.ctb

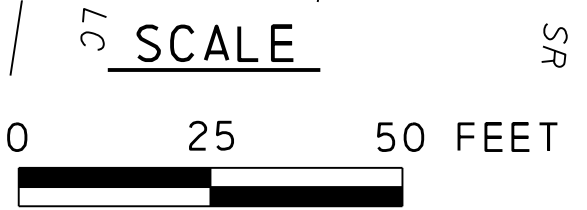


SEE BELOW

SEE ABOVE

SEE SHEET 23

SURVEY BOOK NUMBER 002484.0477



NO.	REVISION	DATE	BY



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-ginc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

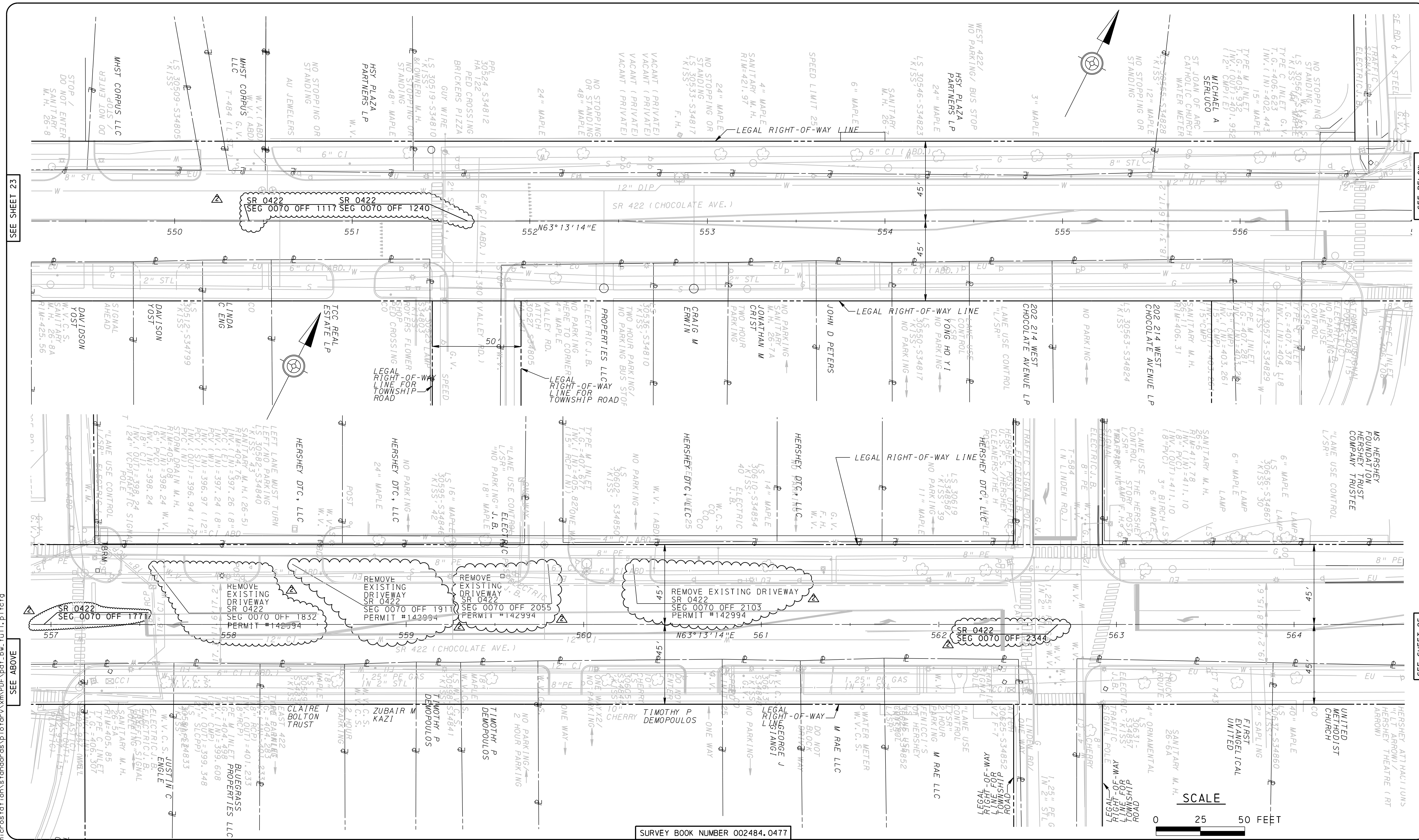
EXISTING CONDITIONS PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETScape PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- GLR
CADD- GLR
CHECKED- PFW
SCALE- 1" = 25'
DATE- FEB 2016

SHEET NO.	22
DRAWING NO.	22 OF 42
PROJECT	2484.0477

FILE NAME: P:\0024\002484_0477\micr\st1\ton\HOP\T24840477_HOP_EC_PL03.DGN
 PLOTTED: 8/7/2018 2:09:55 PM dcomer
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: r1:\microstation\standards\plotdrv\axm\pdf\pdf_dwg_full.plt;ctg

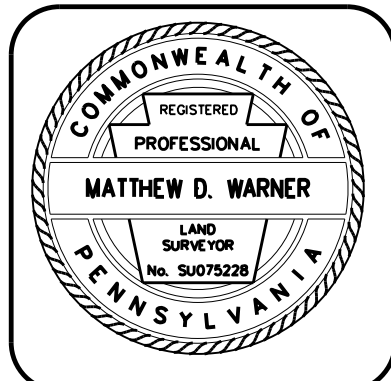


SEE SHEET 23

SEE BELOW

SEE SHEET 25

NO.	REVISION	DATE	BY
1	REVISED SEGMENT AND OFFSET CALLOUTS	3/20/18	PFW



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

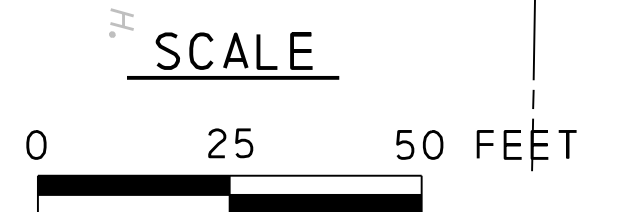
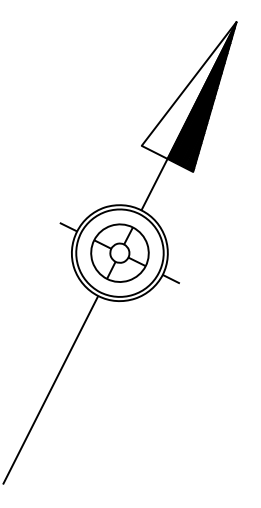
TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

EXISTING CONDITIONS PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETScape PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
 DESIGN- GLR
 CADD- GLR
 CHECKED- PFW
 SCALE- 1" = 25'
 DATE- FEB 2016

SHEET NO.
24
 DRAWING NO.
 24 OF 42
 PROJECT 2484.0477



SURVEY BOOK NUMBER 002484.0477

FILE NAME: P:\0024\002484_0477\MI\coros\101\on\HOP\T24840477_HOP_EC_PLO4.DGN
 PLOTTED: 8/7/2018 2:09:57 PM dcomer
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: r:\microstation\standards\plotdrv\ax\m\pdf\pdf.dwg_ful.l.p1.ctb

SEE SHEET 24

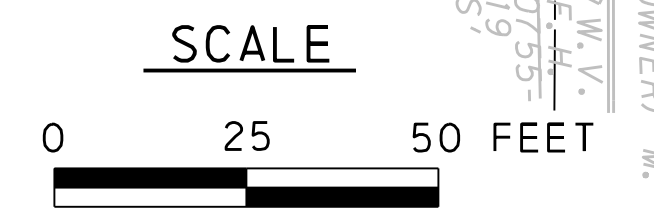
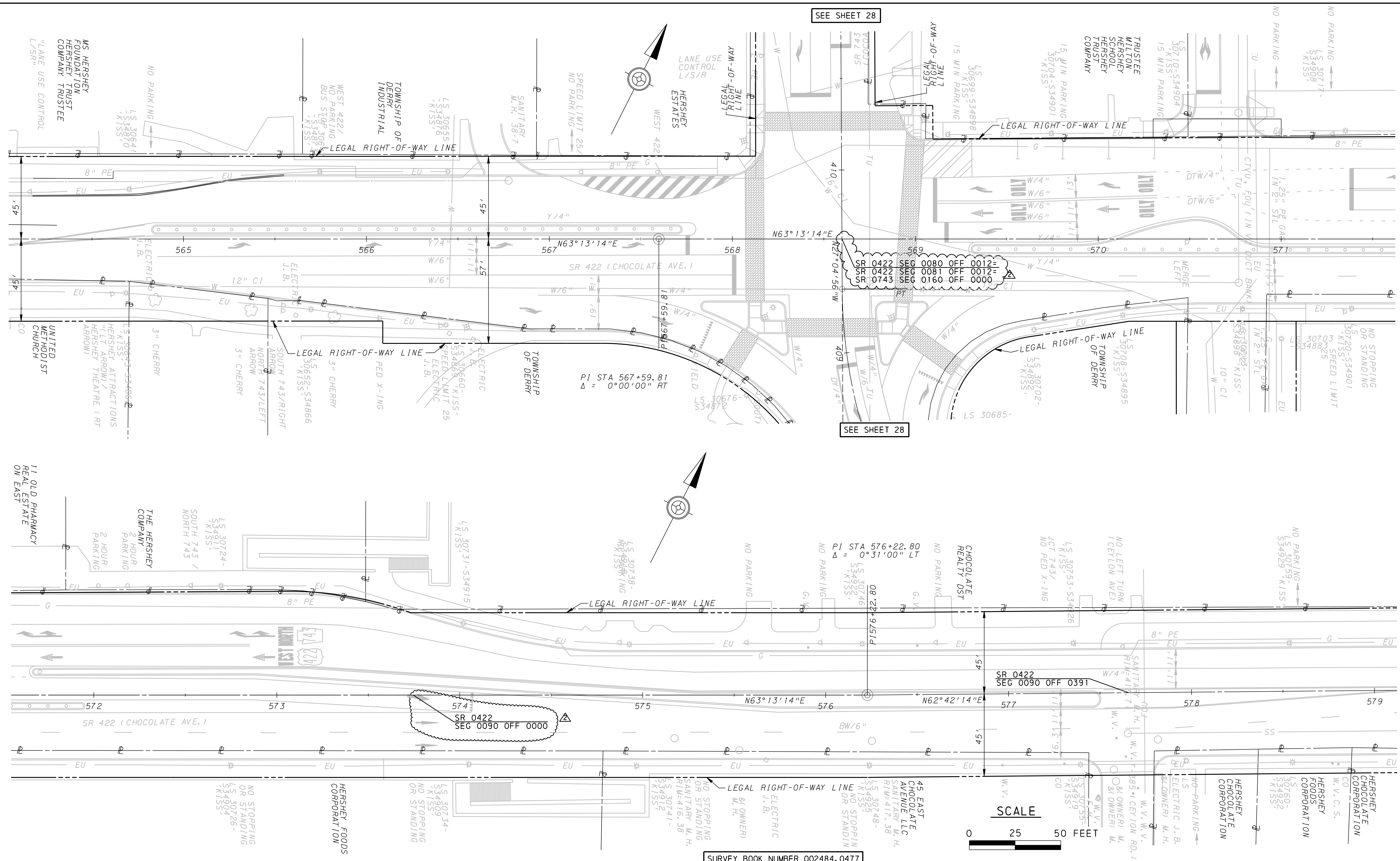
SEE ABOVE

SEE SHEET 28

SEE SHEET 28

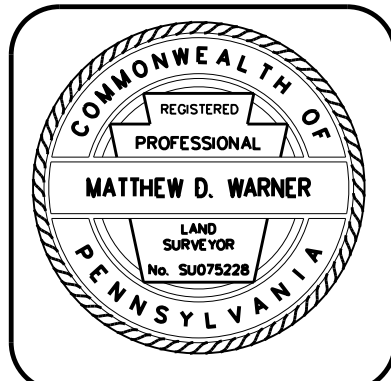
SEE BELOW

SEE SHEET 26



SURVEY BOOK NUMBER 002484.0477

NO.	REVISION	DATE	BY
1	REVISED SEGMENT AND OFFSET CALLOUTS	3/20/18	PFW



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

EXISTING CONDITIONS PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- GLR
CADD- GLR
CHECKED- PFW
SCALE- 1" = 25'
DATE- FEB 2016

SHEET NO. 25
DRAWING NO. 25 OF 42
PROJECT 2484.0477

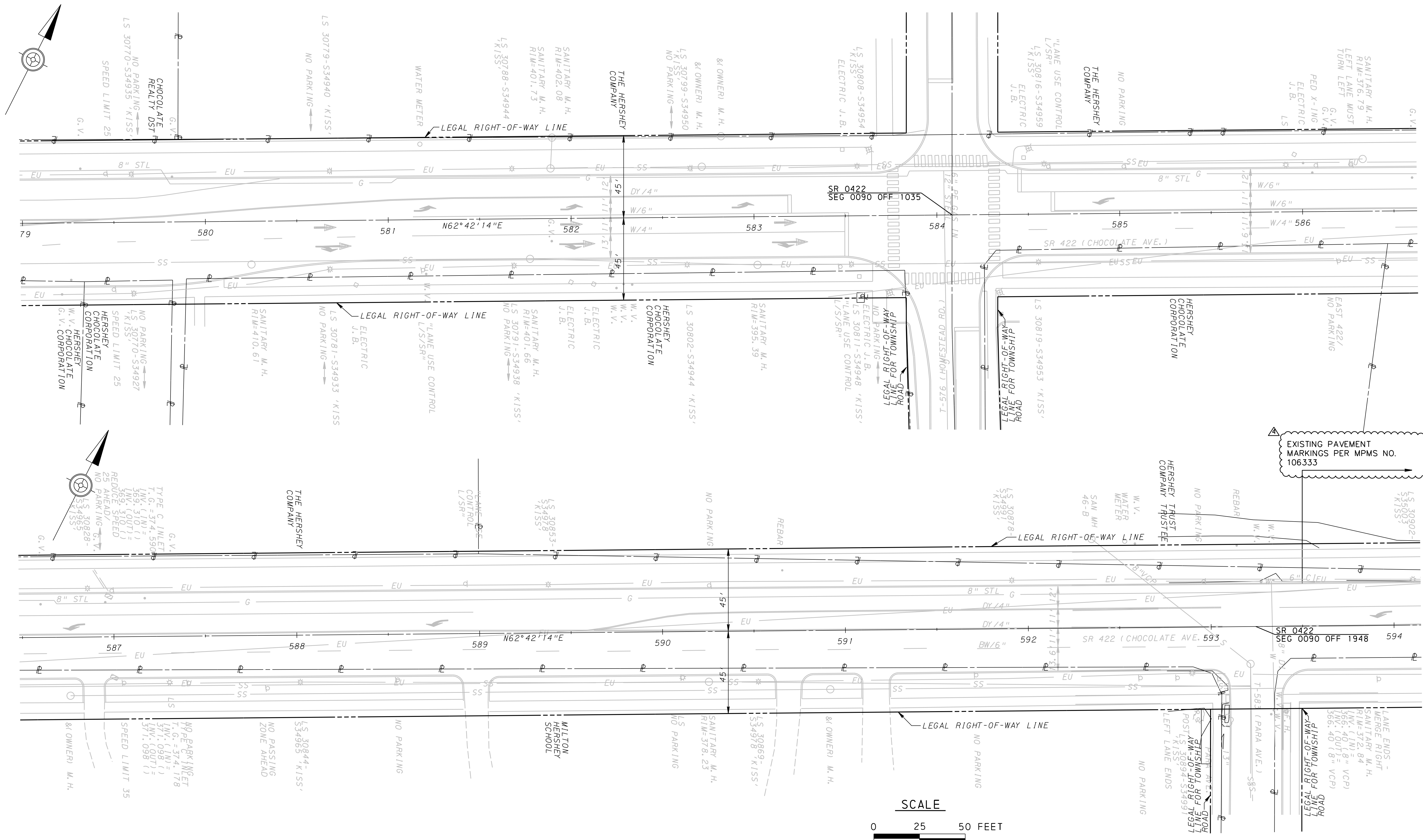
FILE NAME: P:\0024\002484_0477\micr\st01\hop\hop\T24840477_HOP_EC_PL05.DGN
 PLOTTED: 8/7/2018 2:09:58 PM dcomer
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: r:\micr\st01\hop\hop\T24840477_HOP_EC_PL05.DGN

SEE SHEET 25

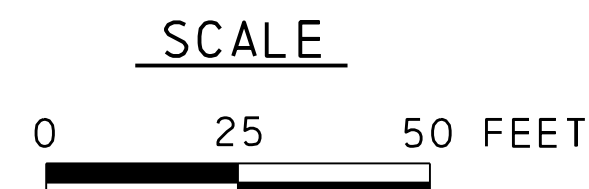
SEE ABOVE

SEE BELOW

SEE SHEET 27



EXISTING PAVEMENT MARKINGS PER MPMS NO. 106333



SURVEY BOOK NUMBER 002484.0477

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	7/2018	JBL
2	ADDED PLS SEAL	3/20/18	PFW



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

EXISTING CONDITIONS PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETScape PROJECT
 DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- GLR
CADD- GLR
CHECKED- PFW
SCALE- 1" = 25'
DATE- FEB 2016

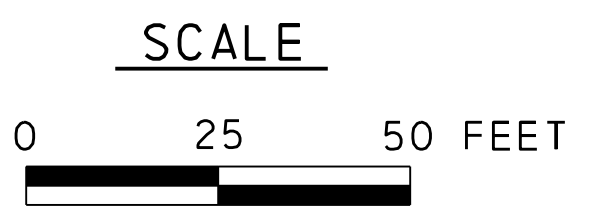
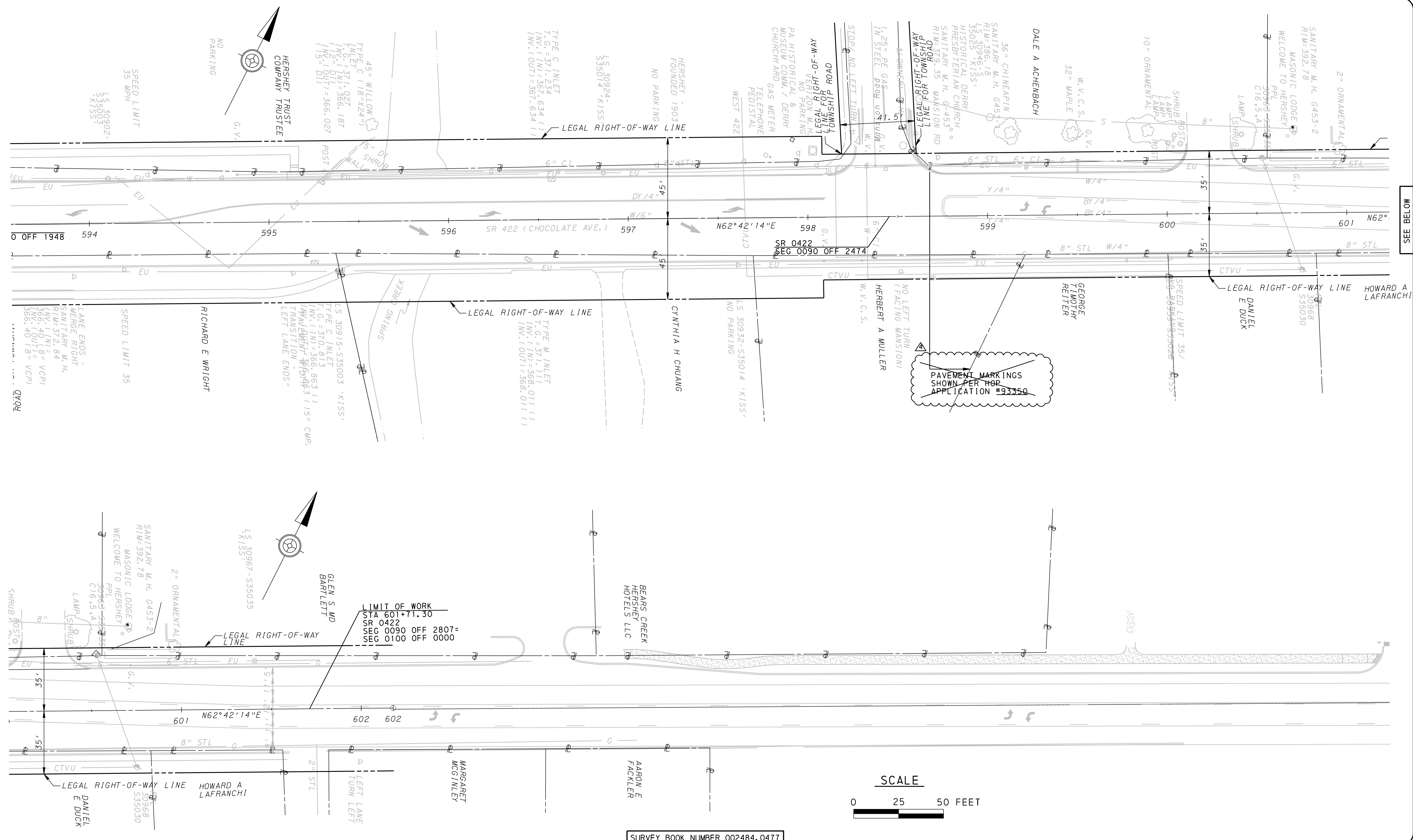
SHEET NO.
26
 DRAWING NO.
 26 OF 42
 PROJECT 2484.0477

FILE NAME: P:\0024\002484_0477\micr\os\1\ton\HOP\T24840477_HOP_EC_PL06.DGN
 PLOTTED: 8/7/2018 2:09:58 PM dcomer
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: r:\micr\os\1\ton\HOP\T24840477_HOP_EC_PL06.DGN

SEE SHEET 26

SEE ABOVE

SEE BELOW



SURVEY BOOK NUMBER 002484.0477

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	7/2018	JBL
2	ADDED PLS SEAL	3/20/18	PFW



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

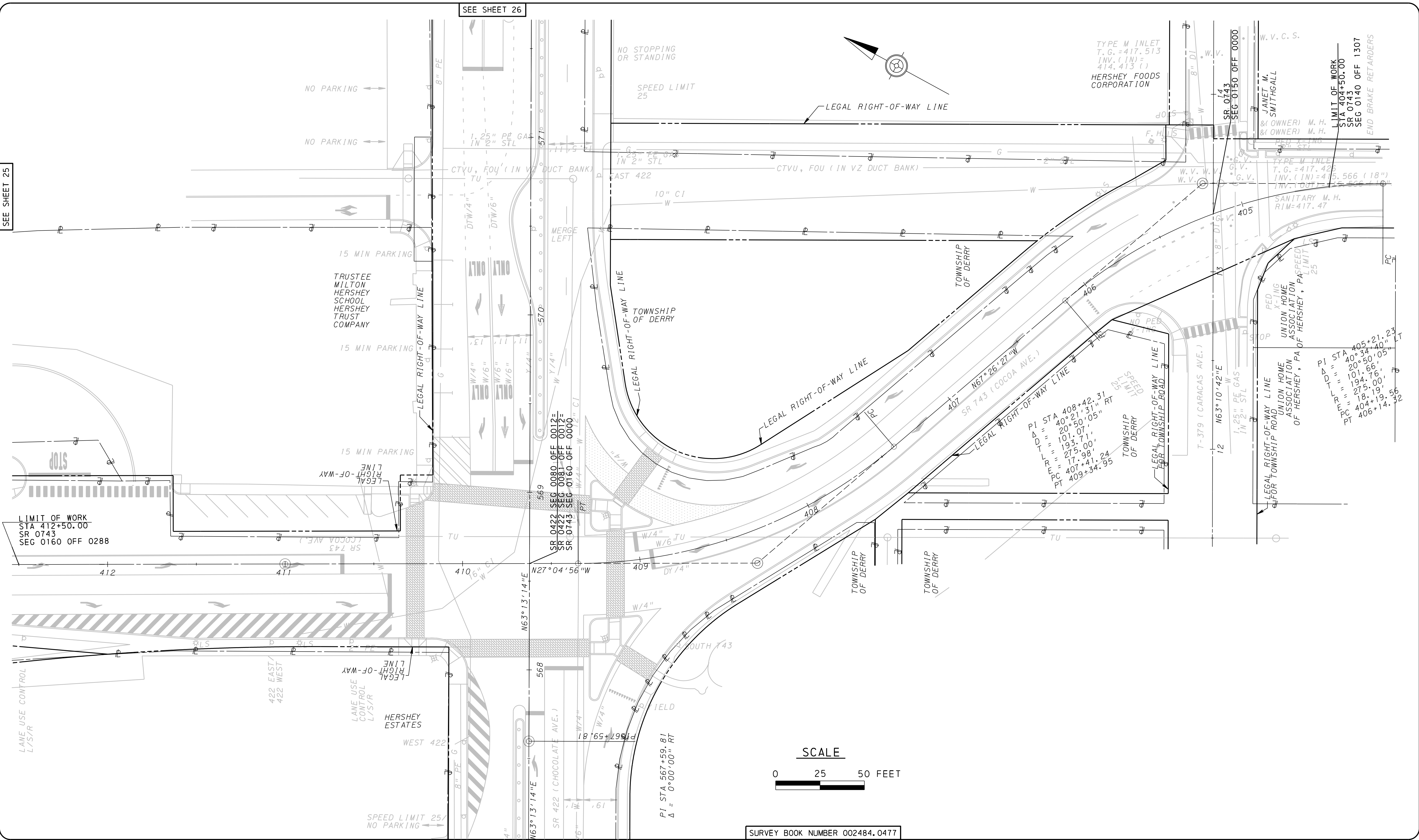
EXISTING CONDITIONS PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETScape PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. - CKB
DESIGN- GLR
CADD- GLR
CHECKED- PFW
SCALE- 1" = 25'
DATE- FEB 2016

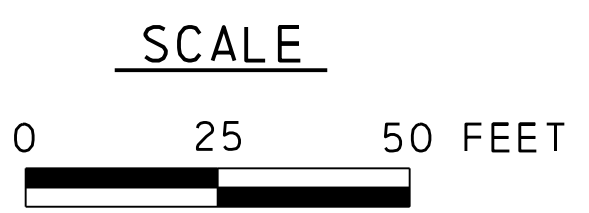
SHEET NO. 27
DRAWING NO. 27 OF 42
PROJECT 2484.0477

FILE NAME: P:\0024\002484_0477\micros\station\HOP\T24840477_HOP_EC_PLOT7.DGN
 PLOTTED: 8/9/2018 9:44:50 AM dcomer
 PEN TABLE: file_date_user_tb
 PLOT DRIVER: R:\micros\station\standards\plotdrv\XMA.PDF\pdf_bw_ful_l.p1.ctb



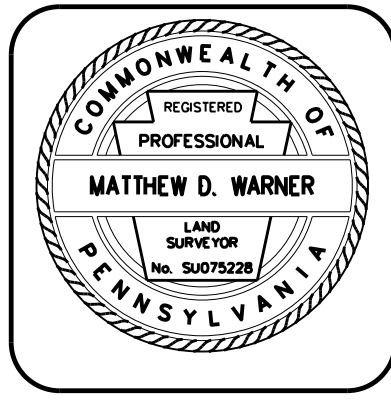
SEE SHEET 25

SEE SHEET 26



SURVEY BOOK NUMBER 002484.0477

NO.	REVISION	DATE	BY



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

EXISTING CONDITIONS PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETScape PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

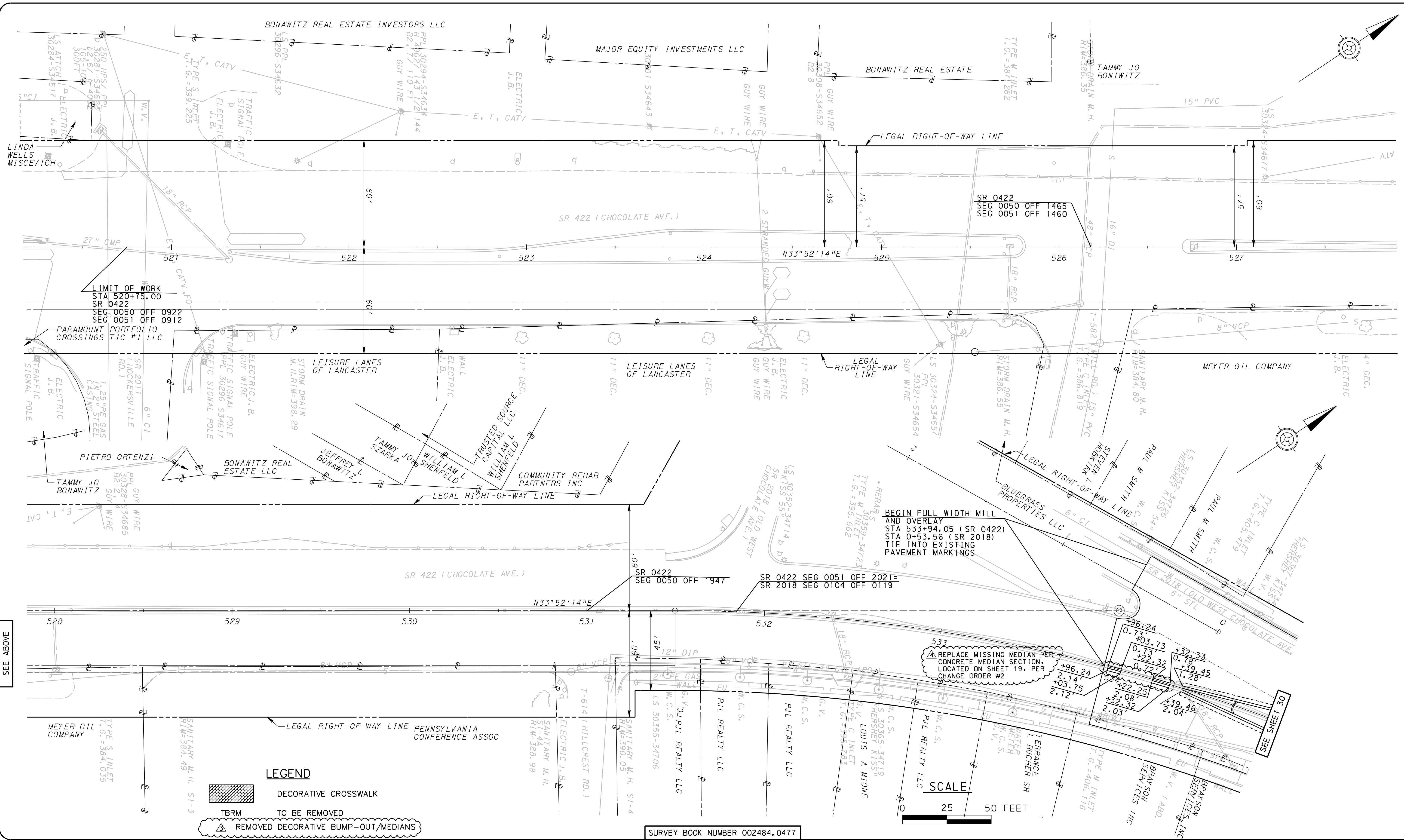
PROJ. MGR. - CKB
DESIGN- GLR
CADD- GLR
CHECKED- PFW
SCALE- 1" = 25'
DATE- FEB 2016

SHEET NO.
28

DRAWING NO.
 28 OF 42

PROJECT 2484.0477

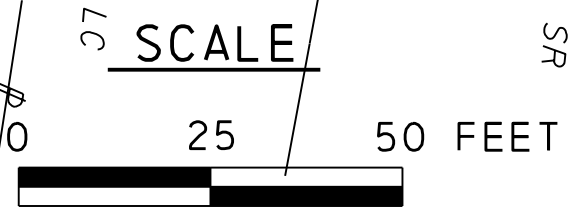
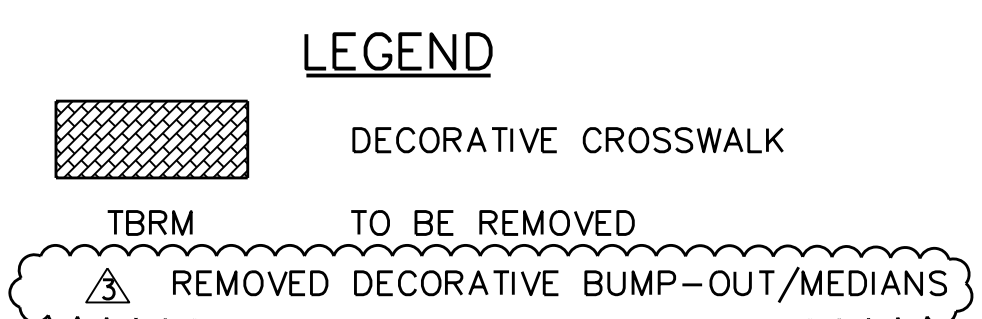
SEE BELOW



LIMIT OF WORK
 STA 520+75.00
 SR 0422
 SEG 0050 OFF 0922
 SEG 0051 OFF 0912

BEGIN FULL WIDTH MILL
 AND OVERLAY
 STA 533+94.05 (SR 0422)
 STA 0+53.56 (SR 2018)
 TIE INTO EXISTING
 PAVEMENT MARKINGS

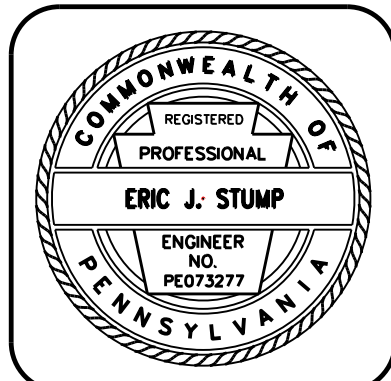
REPLACE MISSING MEDIAN PER
 CONCRETE MEDIAN SECTION.
 LOCATED ON SHEET 19. PER
 CHANGE ORDER #2



SURVEY BOOK NUMBER 002484.0477

FILE NAME: P:\0024\002484_0477\micr\st01.ton\HOP\T24840477_HOP_PL01.DGN
 PLOTTED: 8/9/2018 3:42:02 PM dcomer
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: R:\MicroStation\standards\plotdrv\XMAPDF.pdf; dw_full.plt; cfig

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057




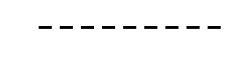
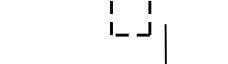
ROADWAY CONSTRUCTION PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

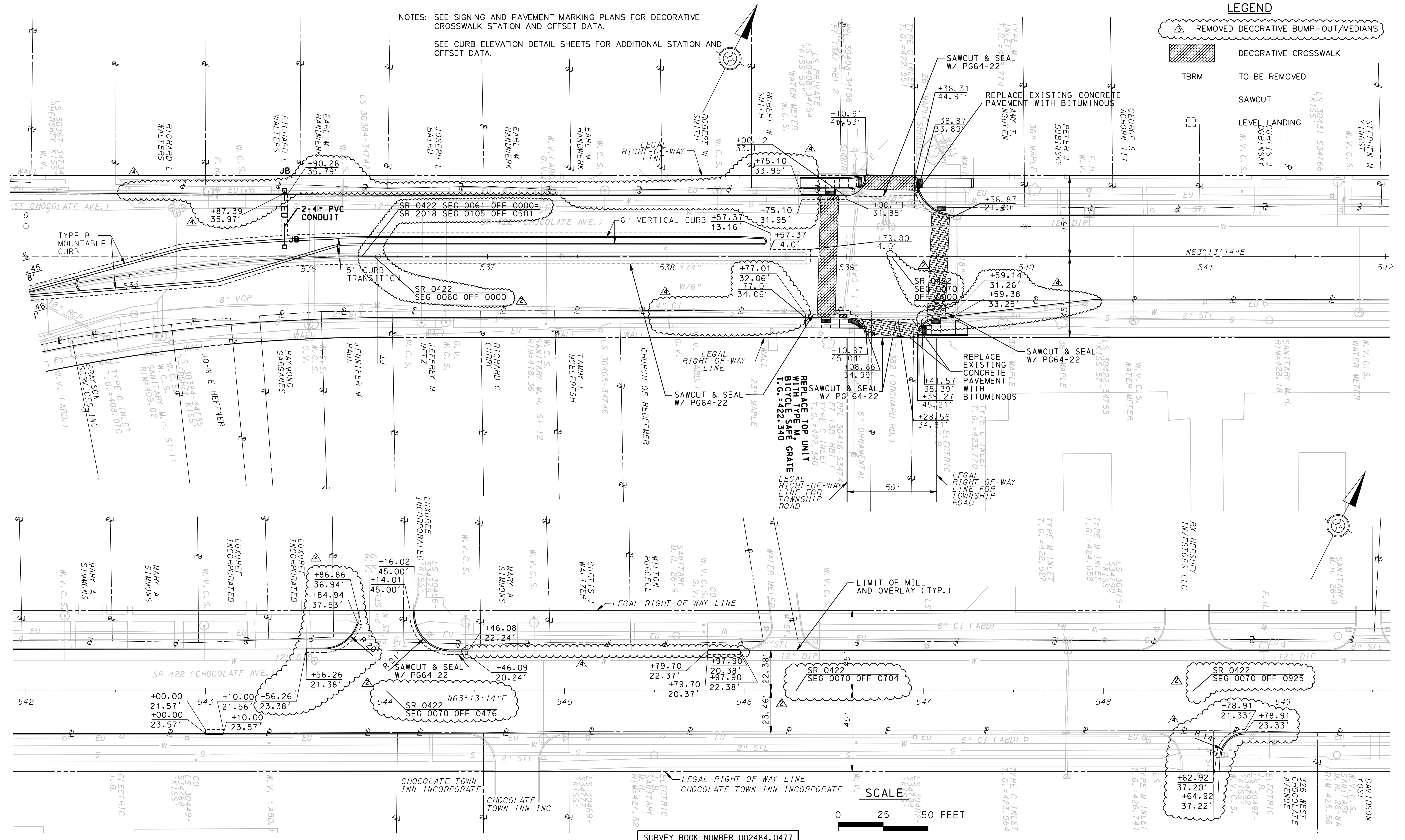
PROJ. MGR. -	CKB
DESIGN- GLR	
CADD- GLR	
CHECKED- EJS	
SCALE- 1" = 25'	
DATE- FEB 2016	

SHEET NO.	29
DRAWING NO.	29 OF 42
PROJECT	2484.0477

LEGEND

-  REMOVED DECORATIVE BUMP-OUT/MEDIANS
-  DECORATIVE CROSSWALK
-  TO BE REMOVED
-  SAWCUT
-  LEVEL LANDING

NOTES: SEE SIGNING AND PAVEMENT MARKING PLANS FOR DECORATIVE CROSSWALK STATION AND OFFSET DATA.
SEE CURB ELEVATION DETAIL SHEETS FOR ADDITIONAL STATION AND OFFSET DATA.



SURVEY BOOK NUMBER 002484.0477



SEE SHEET 29

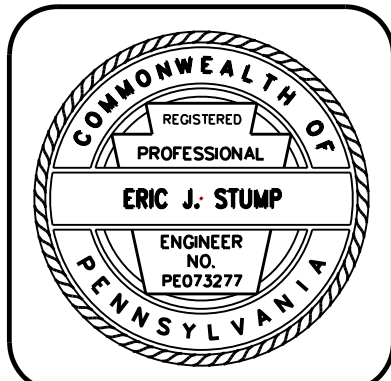
SEE BELOW

SEE ABOVE

SEE SHEET 31

FILE NAME: P:\0024\002484_0477\micross\top\top\HOP\T24840477_HOP_PL02.DGN
 PLOTTED: 8/9/2018 3:37:08 PM
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: R:\Microstation\bin\p11cfcfg

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL
3	REVISED SEGMENT AND OFFSET CALLOUTS	3/20/18	PFW



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-ginc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

ROADWAY CONSTRUCTION PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETScape PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	CKB
DESIGN -	GLR
CADD -	GLR
CHECKED -	EJS
SCALE -	1" = 25'
DATE -	FEB 2016

SHEET NO.	30
DRAWING NO.	30 OF 42
PROJECT	2484.0477

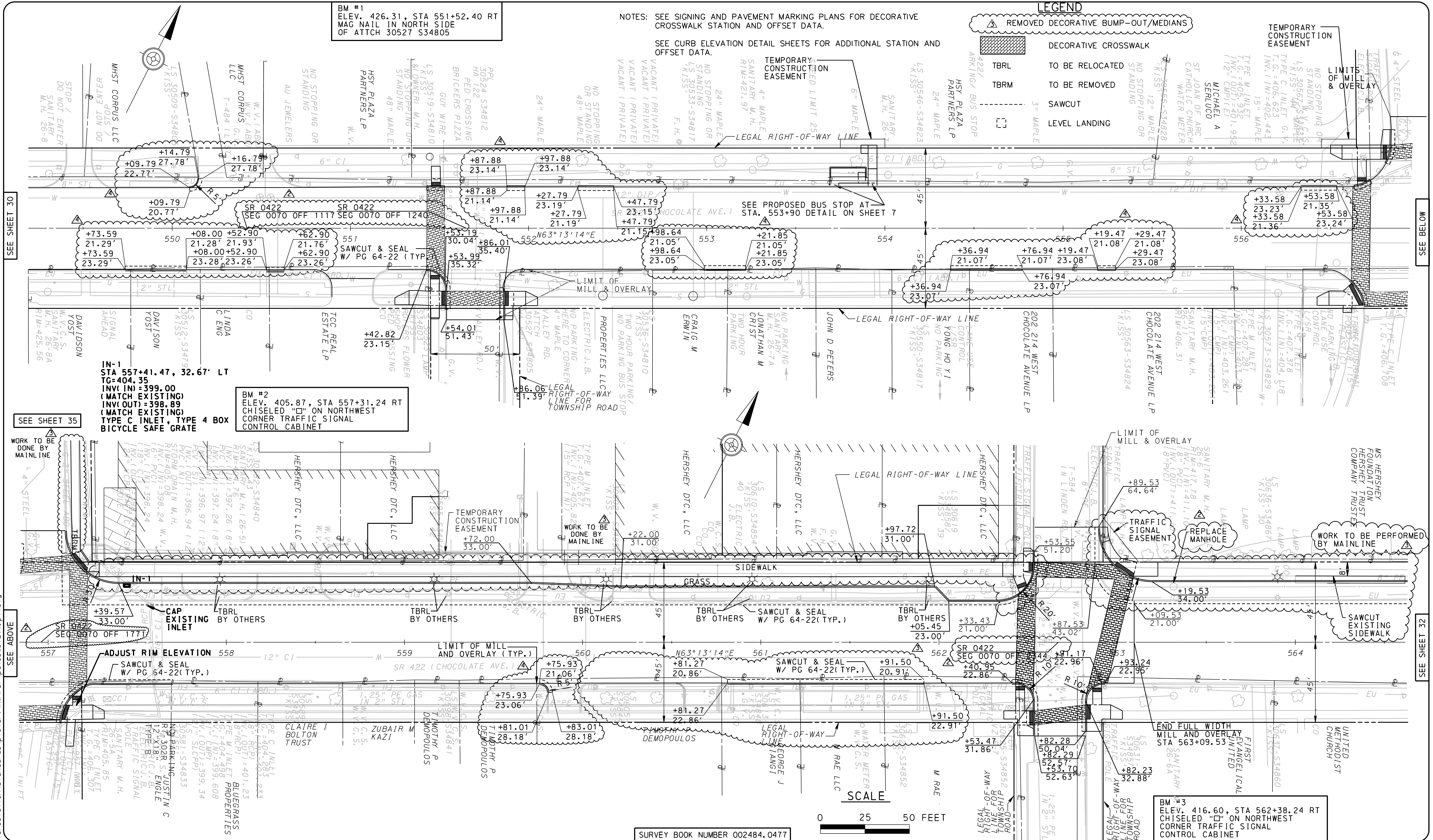
BM #1
ELEV. 426.31, STA 551+52.40 RT
MAG NAIL IN NORTH SIDE
OF ATTC 30527 S34805

NOTES: SEE SIGNING AND PAVEMENT MARKING PLANS FOR DECORATIVE
CROSSWALK STATION AND OFFSET DATA.
SEE CURB ELEVATION DETAIL SHEETS FOR ADDITIONAL STATION AND
OFFSET DATA.

LEGEND

- REMOVED DECORATIVE BUMP-OUT/MEDIANS
- DECORATIVE CROSSWALK
- TO BE RELOCATED
- TO BE REMOVED
- SAWCUT
- LEVEL LANDING

TEMPORARY
CONSTRUCTION
EASEMENT



IN-1
STA 557+41.47, 32.67' LT
TC=404.35
INV(IN)=399.00
(MATCH EXISTING)
INV(OUT)=398.89
(MATCH EXISTING)
TYPE C INLET, TYPE 4 BOX
BICYCLE SAFE GRATE

BM #2
ELEV. 405.87, STA 557+31.24 RT
CHISELED "D" ON NORTHWEST
CORNER TRAFFIC SIGNAL
CONTROL CABINET

BM #3
ELEV. 416.60, STA 562+38.24 RT
CHISELED "D" ON NORTHWEST
CORNER TRAFFIC SIGNAL
CONTROL CABINET

SEE SHEET 35

SEE SHEET 30

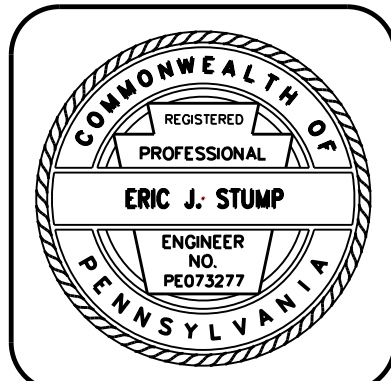
SEE BELOW

SEE ABOVE

SEE SHEET 32

FILE NAME: P:\002484_0477\micr\st\ton\hop\hop24840477_hop_pl03.dgn
PLOT DATE: 8/21/2018 4:28:46 PM
PEN TABLE: fls.ctb
PLOT DRIVER: Microsoft Windows standard splotter\vxm.pdf

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL
3	REVISED SEGMENT AND OFFSET CALLOUTS	3/20/18	PFW



HRG
Herbert, Rowland & Grubic, Inc.
Engineering & Related Services
Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
State College ■ Pittsburgh

369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
Fax (717) 564-1158
Email: hrg@hr-inc.com
Website: www.hrg-inc.com

TOWNSHIP OF DERRY
600 CLEARWATER ROAD
HERSHEY, PA 17033
(717) 533-2057

ROADWAY CONSTRUCTION PLAN
FOR
HIGHWAY OCCUPANCY
PERMIT PLAN
SR 422 STREETScape PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	CKB
DESIGN -	GLR
CADD -	GLR
CHECKED -	EJS
SCALE -	1" = 25'
DATE -	FEB 2016

SHEET NO.	31
DRAWING NO.	31 OF 42
PROJECT	2484.0477

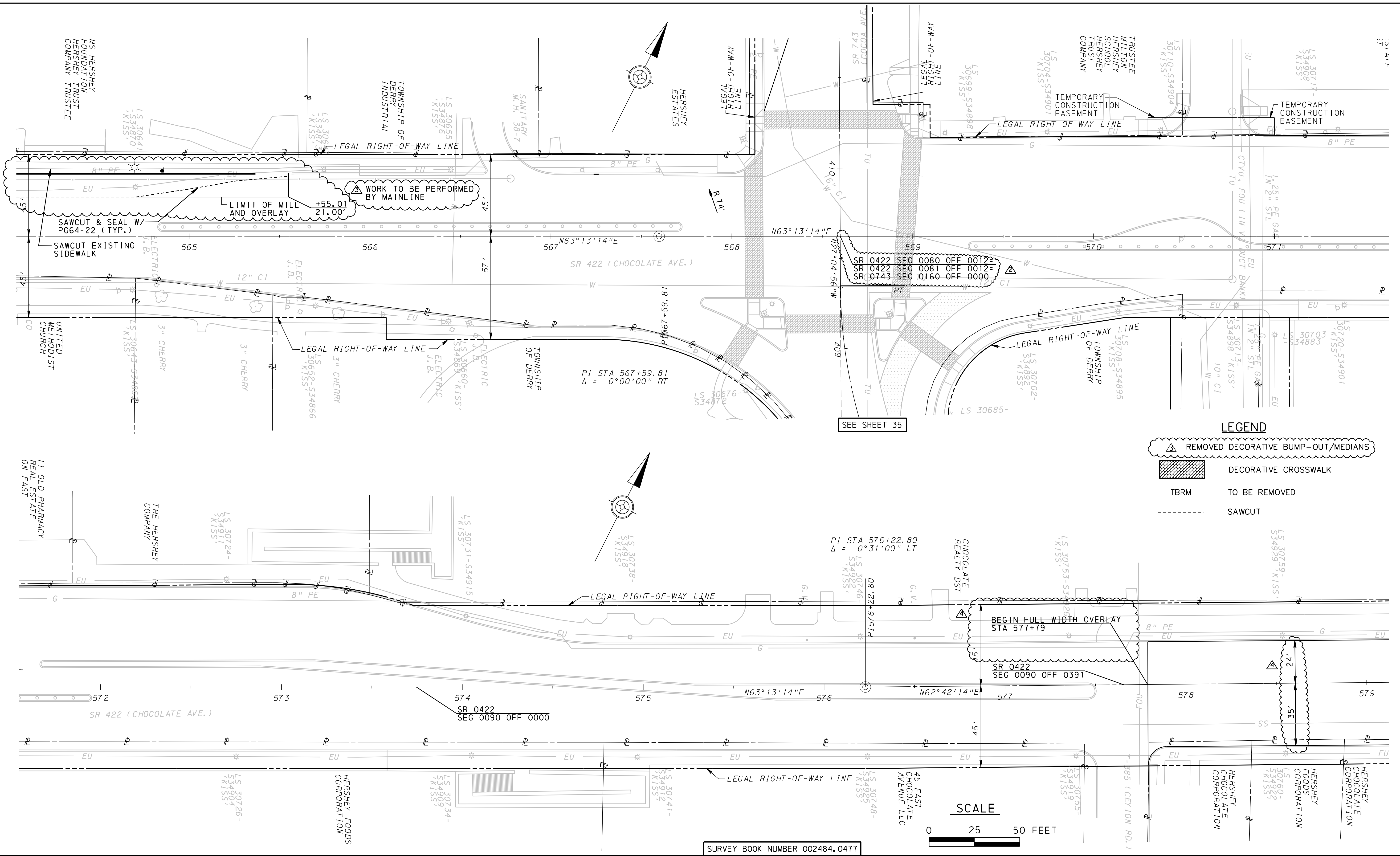
FILE NAME: P:\0024\002484_0477\micr\os\to\ton\hop\T24840477_HOP_PL04.DGN
 PLOTTED: 8/9/2018 3:30:16 PM dcomer
 PEN TABLE: files\cote_user\to\tr\XMAPDF.pdf
 PLOT DRIVER: R:\Microstation\standards\plotdrv\XMAPDF.pdf

SEE SHEET 31

SEE ABOVE

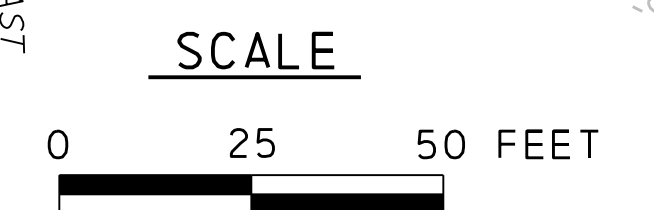
SEE BELOW

SEE SHEET 33



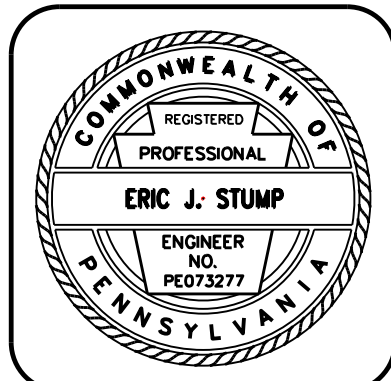
LEGEND

- REMOVED DECORATIVE BUMP-OUT/MEDIANS
- DECORATIVE CROSSWALK
- TBRM TO BE REMOVED
- SAWCUT



SURVEY BOOK NUMBER 002484.0477

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL
3	REVISED SEGMENT AND OFFSET CALLOUTS	3/20/18	PFW



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-ginc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

ROADWAY CONSTRUCTION PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	CKB
DESIGN -	GLR
CADD -	GLR
CHECKED -	EJS
SCALE -	1" = 25'
DATE -	FEB 2016

SHEET NO.	32
DRAWING NO.	32 OF 42
PROJECT	2484.0477

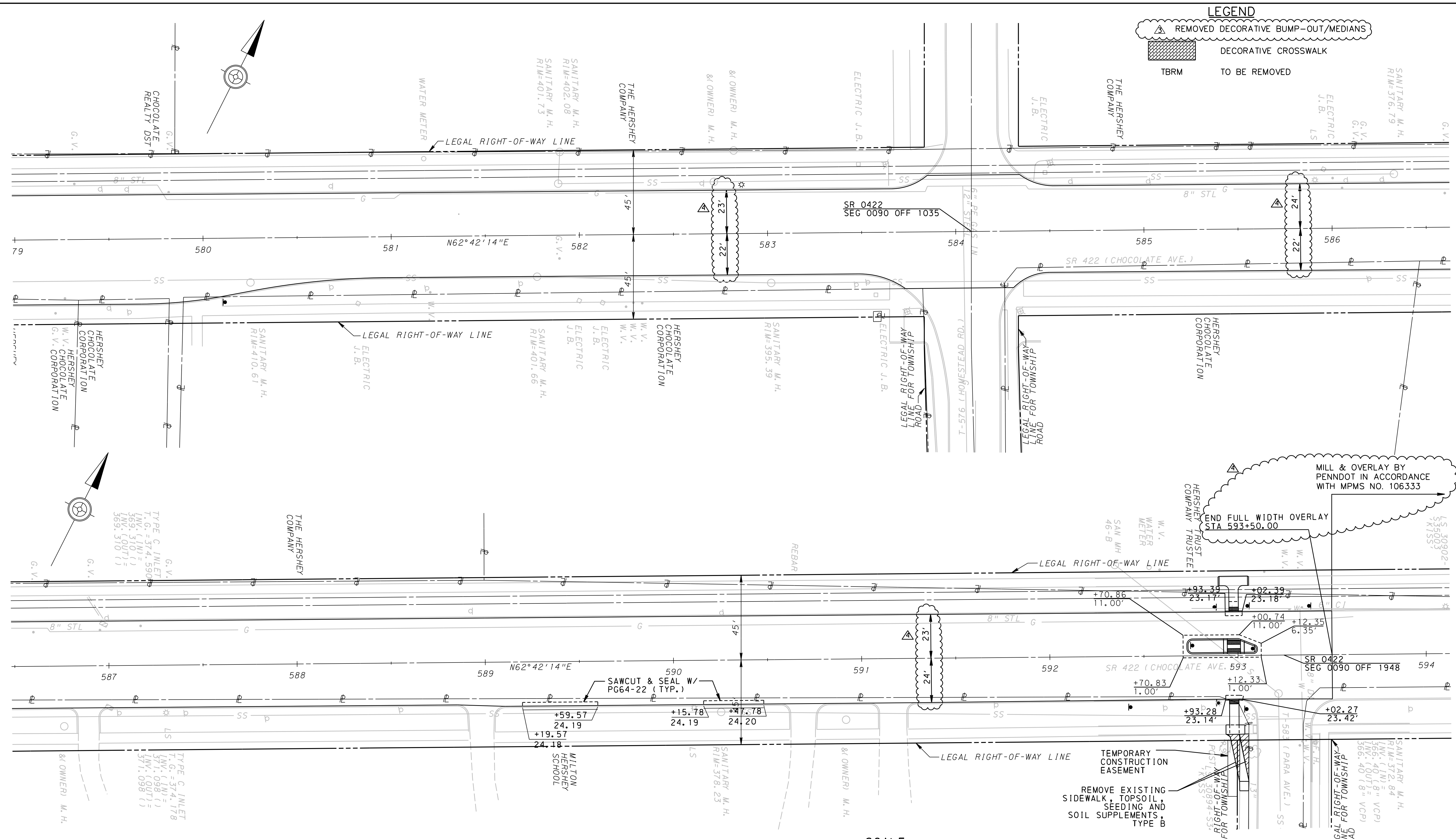
FILE NAME: P:\0024\002484_0477\micr\st01\ton\HOP\T24840477_HOP_PL05.DGN
 PLOTTED: 8/9/2018 3:09:23 PM dcomer
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: R:\Microstation\standards\p10\tr-v\XMAPDF.pdf; dw-full.plt; c1g

SEE SHEET 32

SEE ABOVE

SEE BELOW

SEE SHEET 34



LEGEND

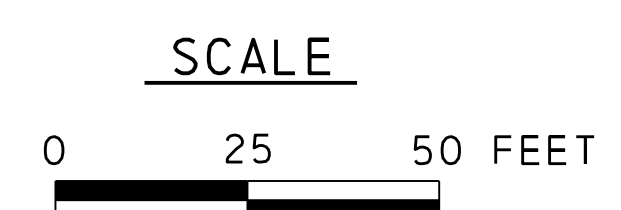
- REMOVED DECORATIVE BUMP-OUT/MEDIANS
- DECORATIVE CROSSWALK
- TBRM TO BE REMOVED

TYPE C INLET
 T.G. = 374.5900
 INV. (IN) = 369.310
 INV. (OUT) = 369.310
 ()

TYPE C INLET
 T.G. = 374.178
 INV. (IN) = 371.098
 INV. (OUT) = 371.098
 ()

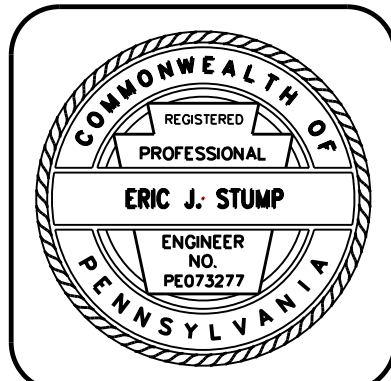
NOTE:
 SEE ADA DETAIL FOR ADDITIONAL CURB STATION
 AND OFFSET DATA.

SURVEY BOOK NUMBER 002484.0477



BM #4
 ELEV. 375.83, STA 593+40.56 RT
 CHISELED "+" ON FLANGE
 BOLT OVER MAIN OPENING
 OF FIRE HYDRANT

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

ROADWAY CONSTRUCTION PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

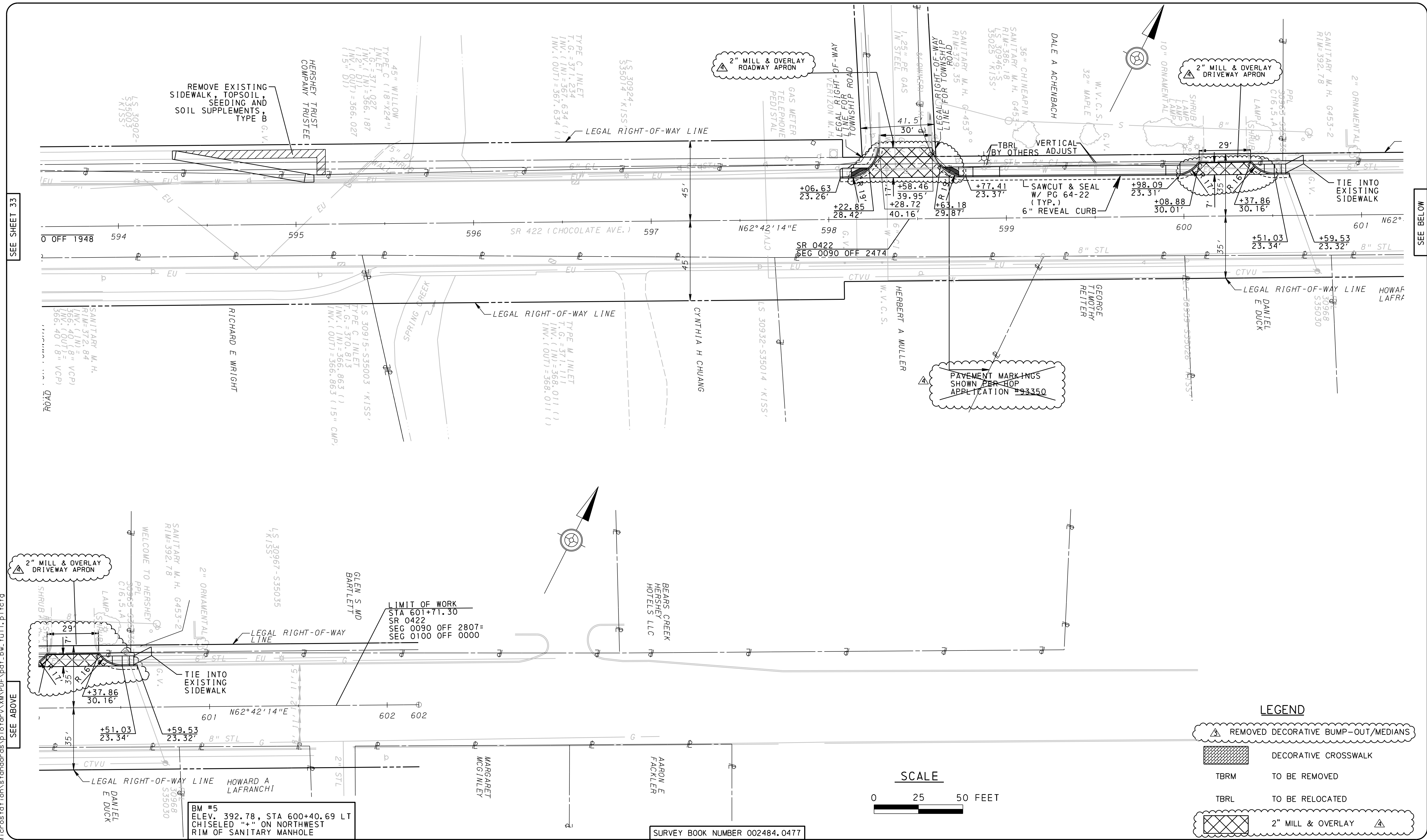
PROJ. MGR. -	CKB
DESIGN -	GLR
CADD -	GLR
CHECKED -	EJS
SCALE -	1" = 25'
DATE -	FEB 2016

SHEET NO.
33
 DRAWING NO.
 33 OF 42
 PROJECT 2484.0477

FILE NAME: P:\0024\002484_0477\micr\os\to\ton\hop\T24840477_HOP_PL06.DGN
 PLOTTED: 8/9/2018 3:02:08 PM dcomer
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: R:\Microstation\standards\plot\tr\vxm\pdf\pdf_bw_full.plt

SEE SHEET 33

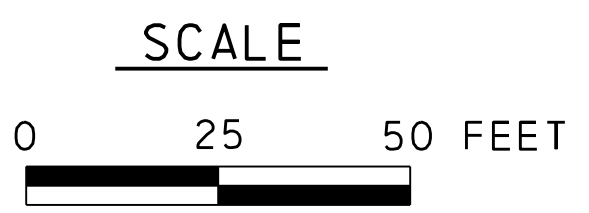
SEE BELOW



SEE ABOVE

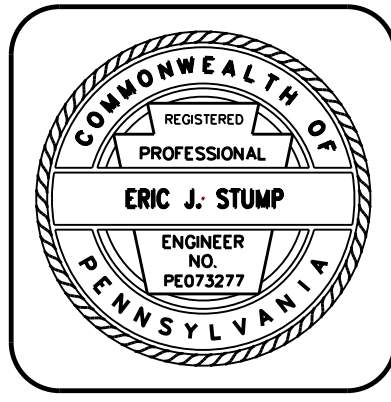
LEGEND

- REMOVED DECORATIVE BUMP-OUT/MEDIANS
- DECORATIVE CROSSWALK
- TBRM TO BE REMOVED
- TBRL TO BE RELOCATED
- 2" MILL & OVERLAY



SURVEY BOOK NUMBER 002484.0477

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

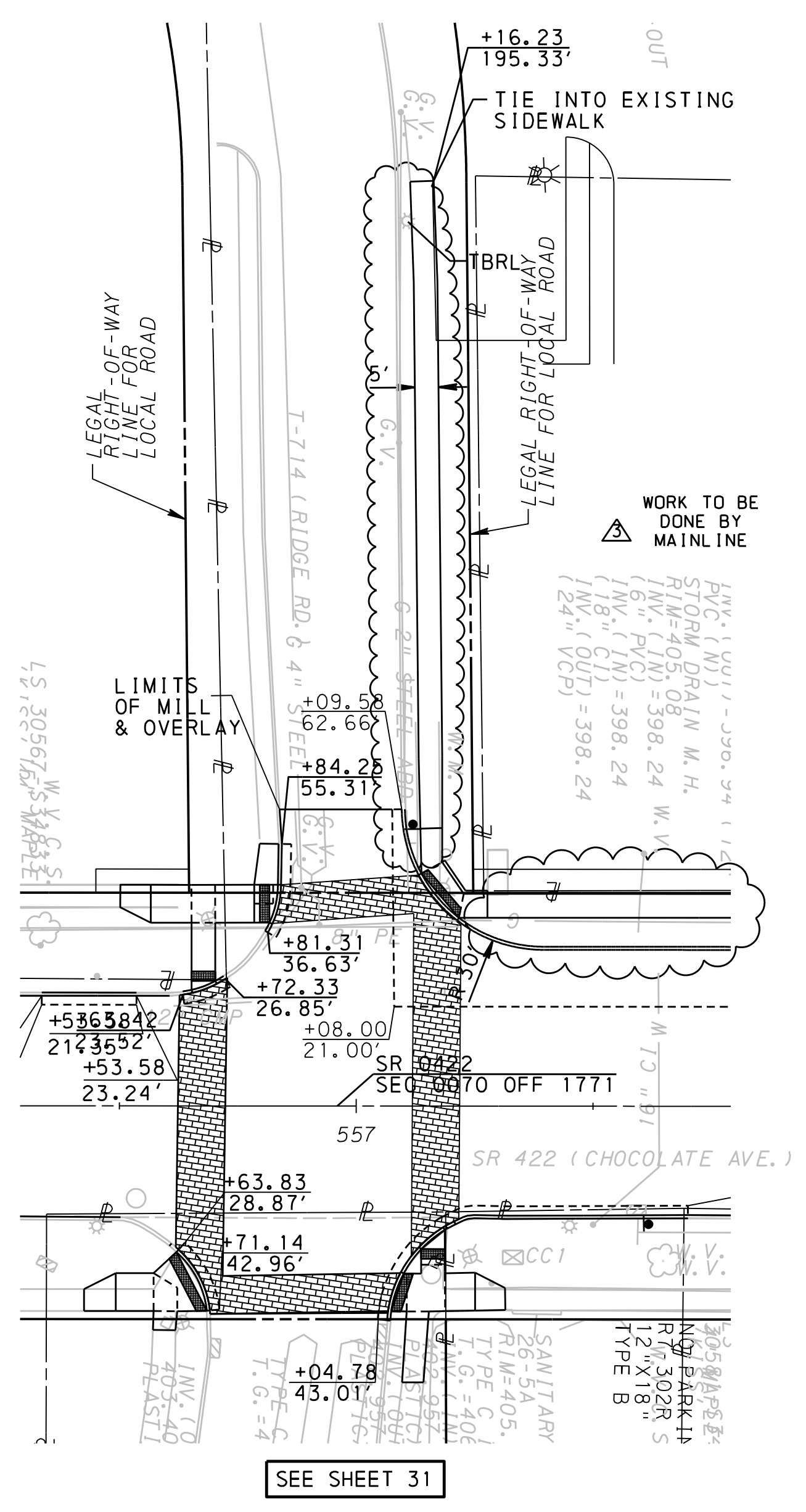
ROADWAY CONSTRUCTION PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

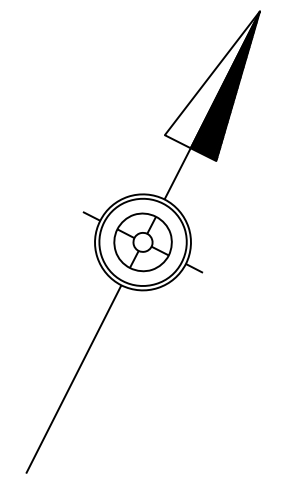
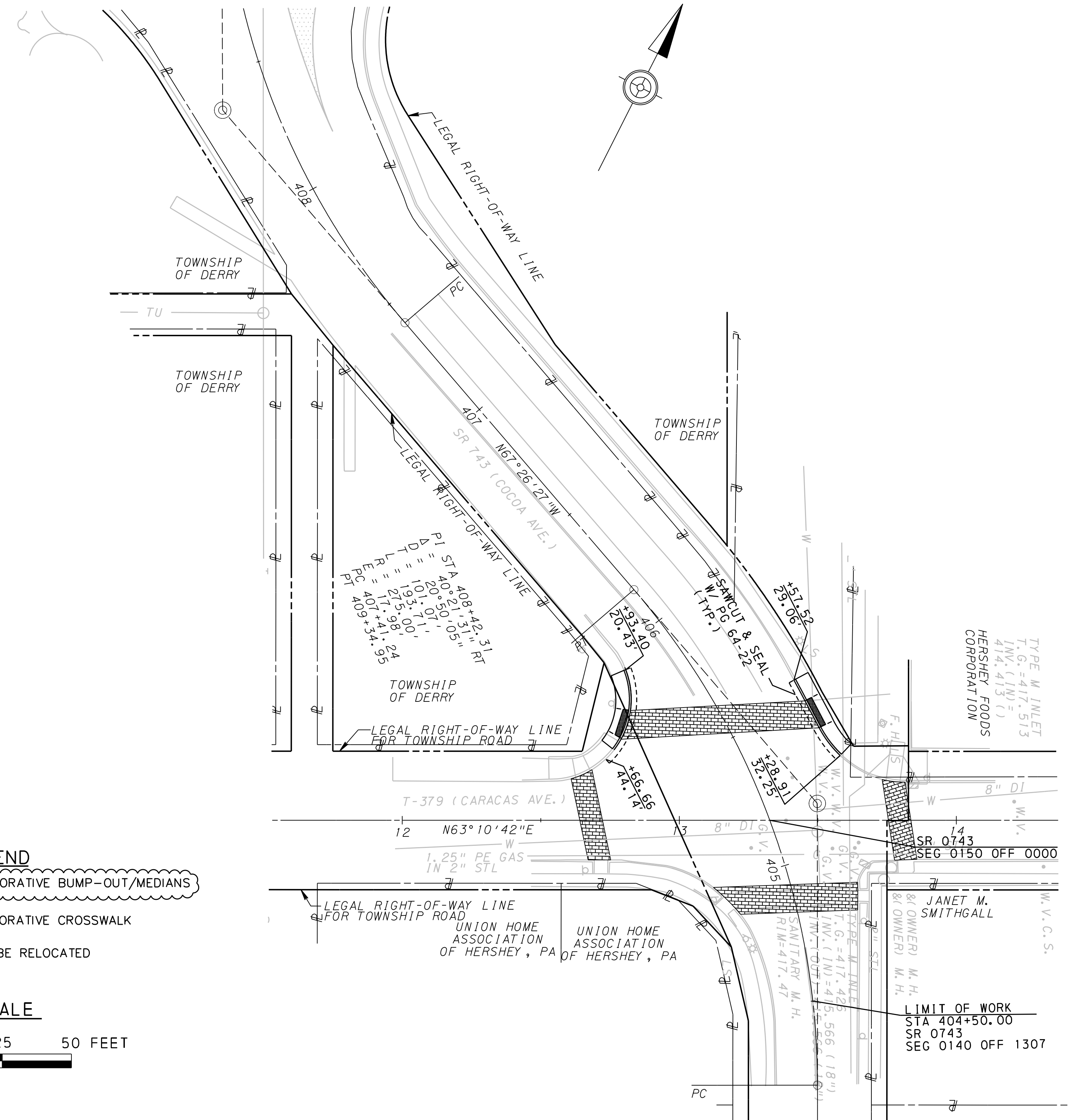
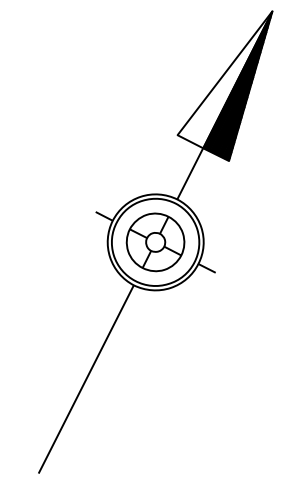
PROJ. MGR. -	CKB
DESIGN- GLR	
CADD- GLR	
CHECKED- EJS	
SCALE- 1" = 25'	
DATE- FEB 2016	

SHEET NO.
34
 DRAWING NO.
 34 OF 42
 PROJECT 2484.0477

FILE NAME: P:\0024\002484_0477\micross\top\hop\hop.plt.dgn
 PLOTTED: 8/7/2018 2:10:06 PM
 PEN TABLE: files\date_user.tbl
 PLOT DRIVER: r:\micross\tdr\tdr.vxm\pdf\pdf_bw_full.plt.ctb



SEE SHEET 31



LEGEND

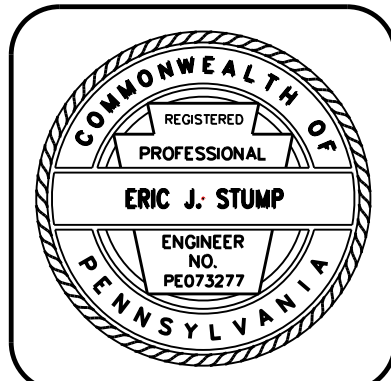
- REMOVED DECORATIVE BUMP-OUT/MEDIANS
- DECORATIVE CROSSWALK
- TBRL TO BE RELOCATED

SCALE

0 25 50 FEET

SURVEY BOOK NUMBER 002484.0477

NO.	REVISION	DATE	BY
1	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com

Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

ROADWAY CONSTRUCTION PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

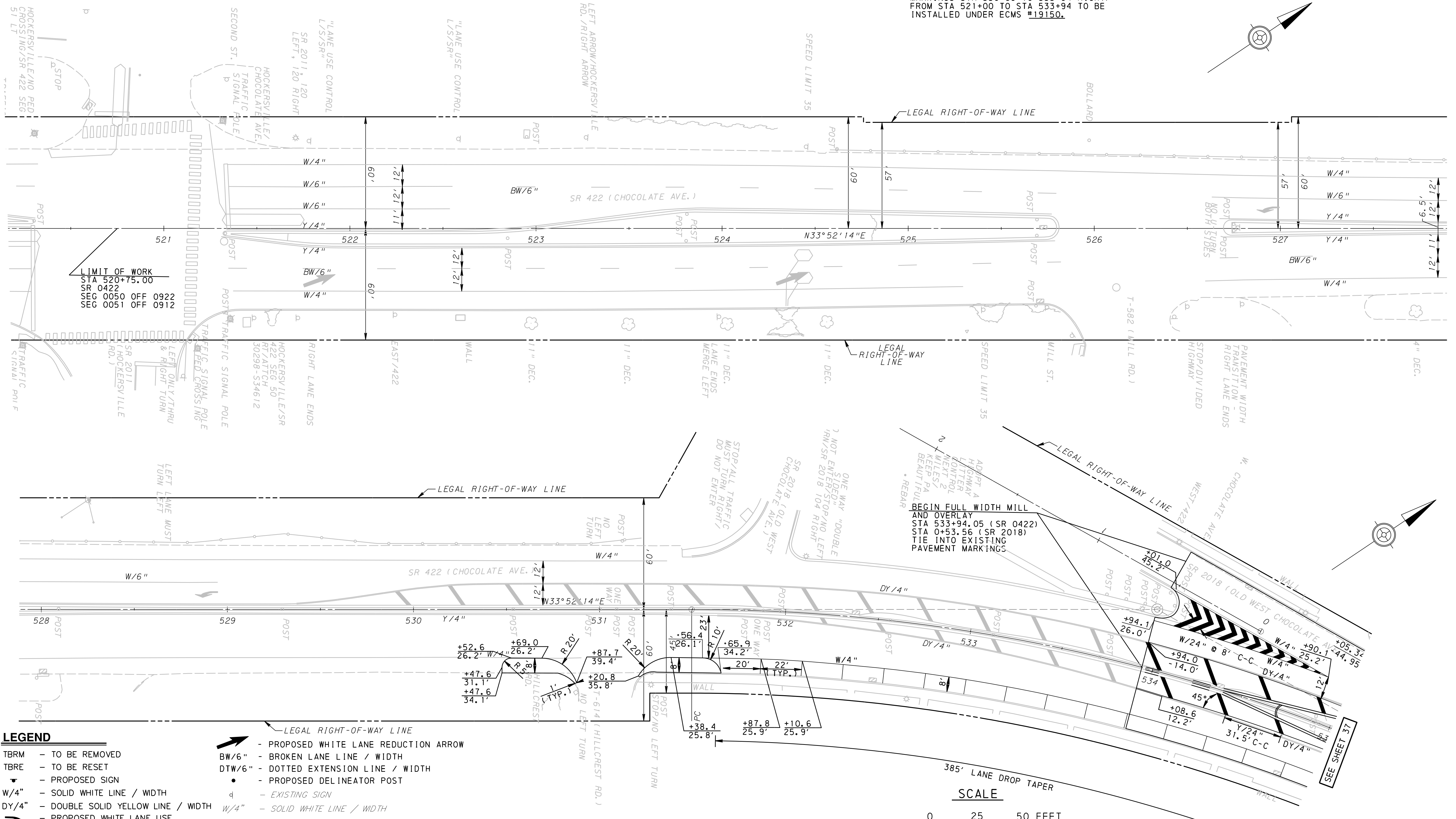
PROJ. MGR. -	CKB
DESIGN -	GLR
CADD -	GLR
CHECKED -	EJS
SCALE -	1" = 25'
DATE -	FEB 2016

SHEET NO.
35

DRAWING NO.
35 OF 42

PROJECT 2484.0477

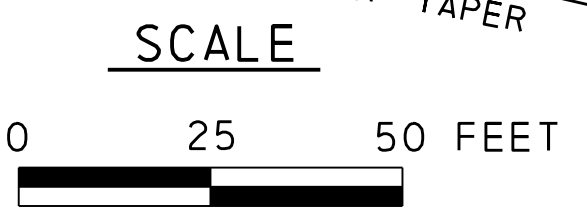
NOTE: SIGNS AND PAVEMENT MARKINGS (EXCEPT PARKING AND SHOULDER MARKINGS STA 530+69 TO 533+94 RIGHT) FROM STA 521+00 TO STA 533+94 TO BE INSTALLED UNDER ECMS #19150.



LIMIT OF WORK
 STA 520+75.00
 SR 0422
 SEG 0050 OFF 0922
 SEG 0051 OFF 0912

BEGIN FULL WIDTH MILL AND OVERLAY
 STA 533+94.05 (SR 0422)
 STA 0+53.56 (SR 2018)
 TIE INTO EXISTING PAVEMENT MARKINGS

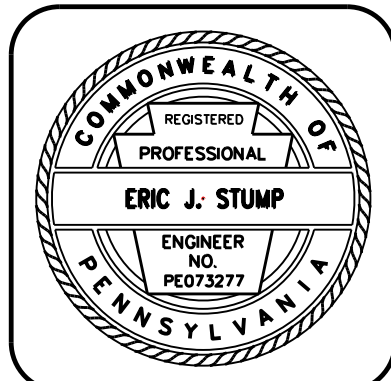
- LEGEND**
- TBRM - TO BE REMOVED
 - TBRE - TO BE RESET
 - PROPOSED SIGN
 - W/4" - SOLID WHITE LINE / WIDTH
 - DY/4" - DOUBLE SOLID YELLOW LINE / WIDTH
 - PROPOSED WHITE LANE USE CONTROL ARROW
 - BW/6" - BROKEN LANE LINE / WIDTH
 - DTW/6" - DOTTED EXTENSION LINE / WIDTH
 - PROPOSED DELINEATOR POST
 - EXISTING SIGN
 - W/4" - SOLID WHITE LINE / WIDTH
 - DY/4" - DOUBLE YELLOW LINE / WIDTH
 - EXISTING WHITE LANE USE CONTROL ARROW



SURVEY BOOK NUMBER 002484.0477

FILE NAME: P:\002484\002484_0477\micr\st01\ton\hop\T24840477_HOP_SPM_PL01.DGN
 PLOTTED: 8/9/2018 11:20:47 AM
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: R:\MicroStation\bin\msdtdrvr.exe

NO.	REVISION	DATE	BY
1	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

SIGNING AND PAVEMENT MARKING PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -
DESIGN -
CADD -
CHECKED -
SCALE - 1" = 25'
DATE - FEB 2016

SHEET NO.
36

DRAWING NO.
36 OF 42

PROJECT 2484.0477

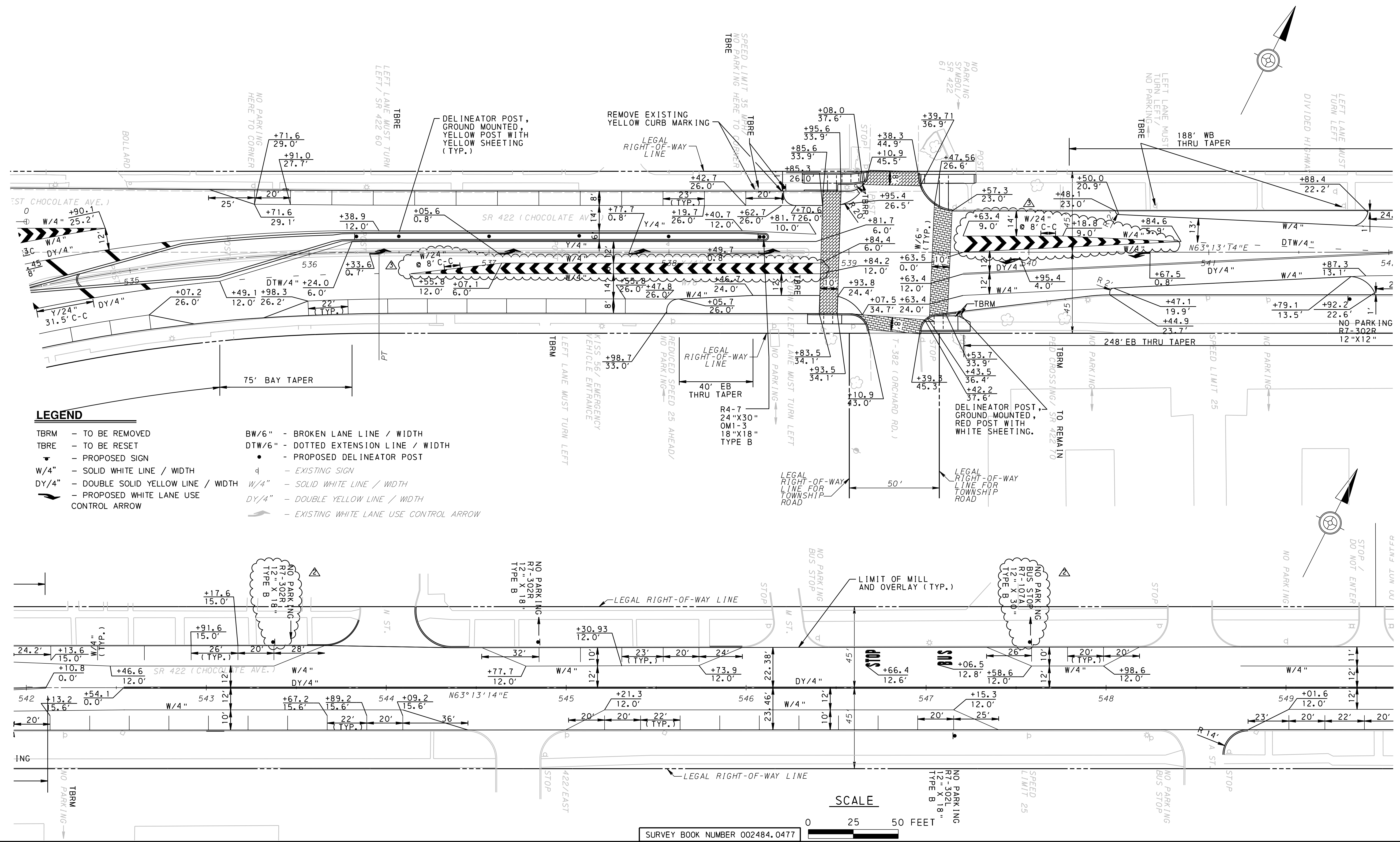
FILE NAME: P:\0024\002484_0477\AM\icr\os\ot\ton\HOP\NT24840477_HOP_SPM_PL02.DGN
 PLOTTED: 8/22/2018 11:53:25 PM
 PEN TABLE: files\date_user.tbl
 PLOT DRIVER: R:\MicroStation\bin\p1\psp1.dll

SEE SHEET 36

SEE ABOVE

SEE BELOW

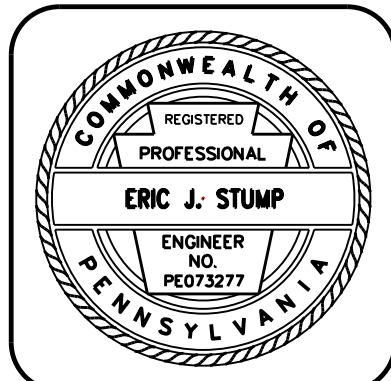
SEE SHEET 38



LEGEND

- TBRM - TO BE REMOVED
- TBRE - TO BE RESET
- ▲ - PROPOSED SIGN
- W/4" - SOLID WHITE LINE / WIDTH
- DY/4" - DOUBLE SOLID YELLOW LINE / WIDTH
- ➔ - PROPOSED WHITE LANE USE CONTROL ARROW
- BW/6" - BROKEN LANE LINE / WIDTH
- DTW/6" - DOTTED EXTENSION LINE / WIDTH
- - PROPOSED DELINEATOR POST
- ◻ - EXISTING SIGN
- W/4" - SOLID WHITE LINE / WIDTH
- DY/4" - DOUBLE YELLOW LINE / WIDTH
- ➔ - EXISTING WHITE LANE USE CONTROL ARROW

NO.	REVISION	DATE	BY
1	CHANGE ORDER #1	07/2018	JBL
2	REVISED NO PARKING SIGNS	3/20/18	PFW



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-ginc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

SIGNING AND PAVEMENT MARKING PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	
DESIGN -	
CADD -	
CHECKED -	
SCALE -	1" = 25'
DATE -	FEB 2016

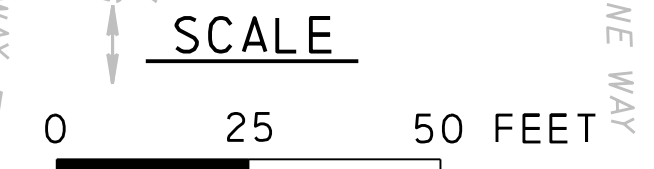
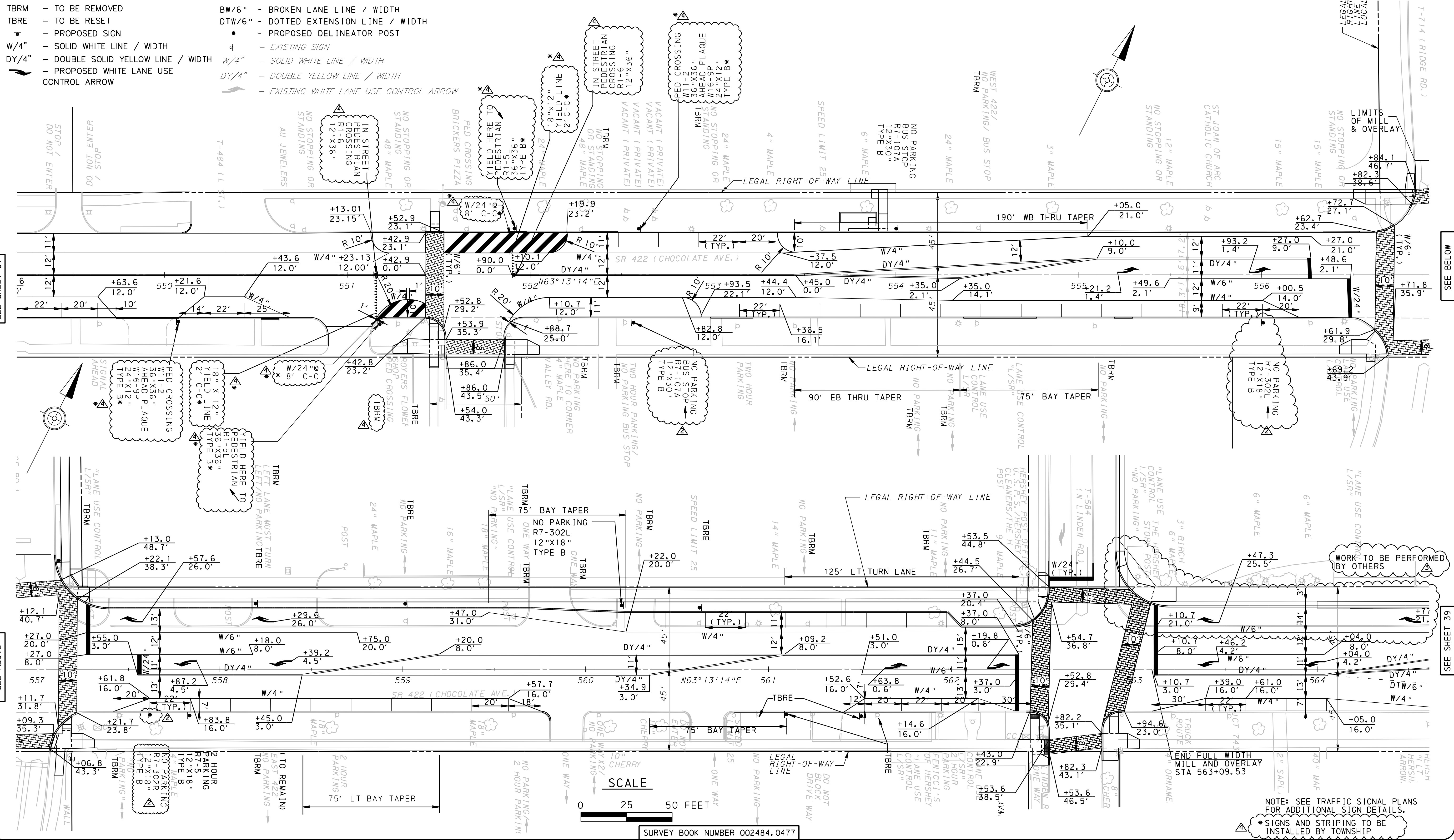
SHEET NO.	37
DRAWING NO.	37 OF 42
PROJECT	2484.0477



SURVEY BOOK NUMBER 002484.0477

LEGEND

- TBRM - TO BE REMOVED
- TBRE - TO BE RESET
- ▲ - PROPOSED SIGN
- W/4" - SOLID WHITE LINE / WIDTH
- DY/4" - DOUBLE SOLID YELLOW LINE / WIDTH
- ➡ - PROPOSED WHITE LANE USE CONTROL ARROW
- BW/6" - BROKEN LANE LINE / WIDTH
- DTW/6" - DOTTED EXTENSION LINE / WIDTH
- - PROPOSED DELINEATOR POST
- d - EXISTING SIGN
- W/4" - SOLID WHITE LINE / WIDTH
- DY/4" - DOUBLE YELLOW LINE / WIDTH
- ➡ - EXISTING WHITE LANE USE CONTROL ARROW

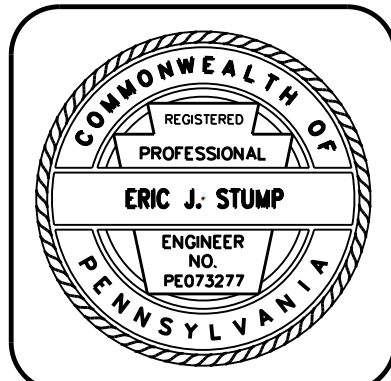


SURVEY BOOK NUMBER 002484.0477

NOTE: SEE TRAFFIC SIGNAL PLANS FOR ADDITIONAL SIGN DETAILS.
 * SIGNS AND STRIPING TO BE INSTALLED BY TOWNSHIP

FILE NAME: P:\002484_0477\TAM\coros\10\N\HOP\N\T24840477_HOP_SPM_PL03.DGN
 PLOTTED: 8/21/2018 4:37:31 PM dcomer
 PEN TABLE: files\date_user.tbl
 PLOT DRIVER: R:\MicroStation\bin\vd\vd\XMA.PDF.pdf_bw_full.plt.ctb

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL
3	REVISED NO PARKING SIGNS	3/20/18	PFW



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

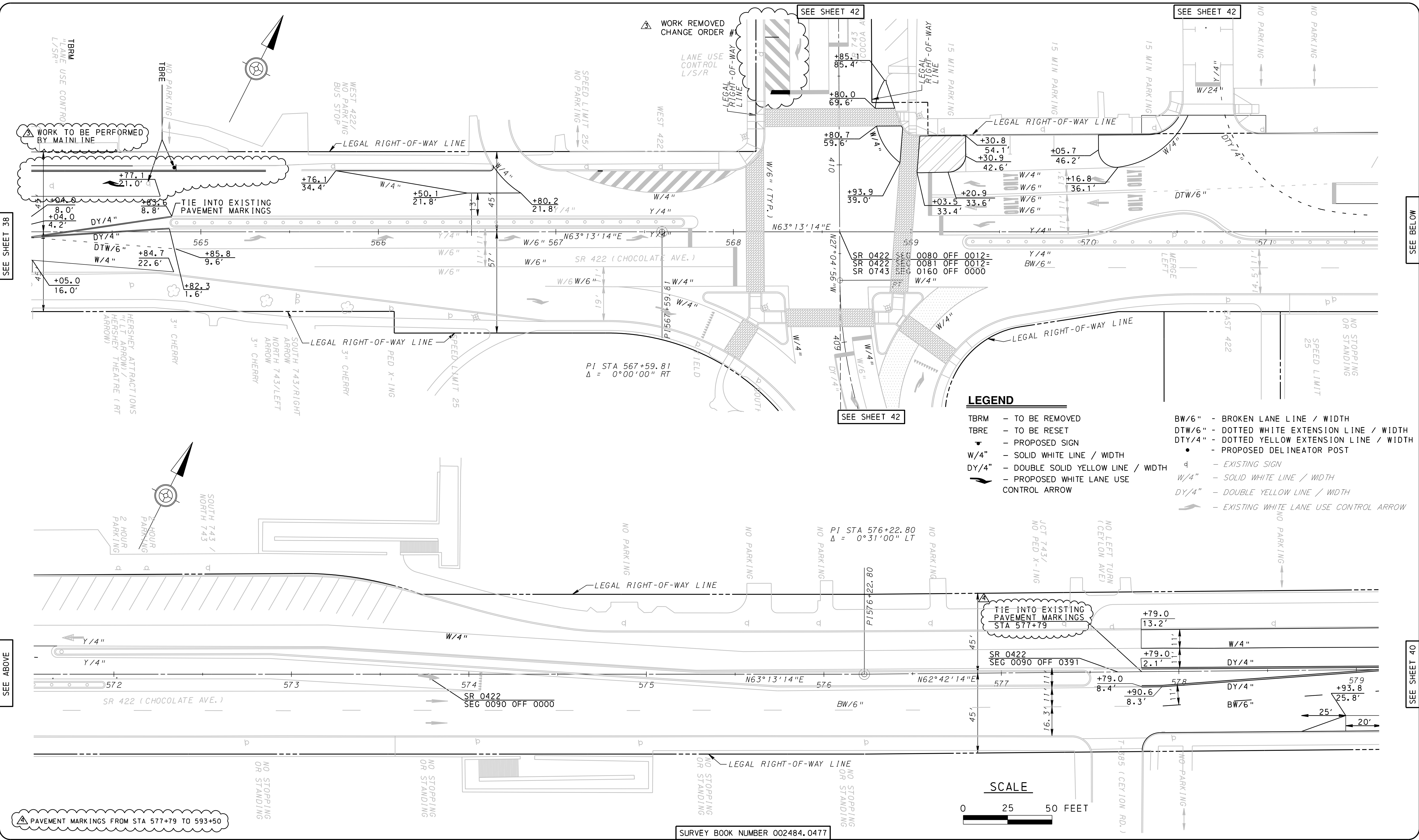
SIGNING AND PAVEMENT MARKING PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETScape PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -
DESIGN -
CADD -
CHECKED -
SCALE - 1" = 25'
DATE - FEB 2016

SHEET NO.
38
 DRAWING NO.
 38 OF 42
 PROJECT 2484.0477

FILE NAME: P:\0024\002484_0477\micr\os\to\ton\hop\nt\24840477_HOP_SPM_PL04.DGN
 PLOTTED: 8/9/2018 2:53:06 PM dcomer
 PEN TABLE: file_date_user.tbl
 PLOT DRIVER: R:\Microstation\standards\p10\tr-v\XMAPDF.pdf_bw_full.plt.ctb



SEE SHEET 38

SEE ABOVE

SEE SHEET 42

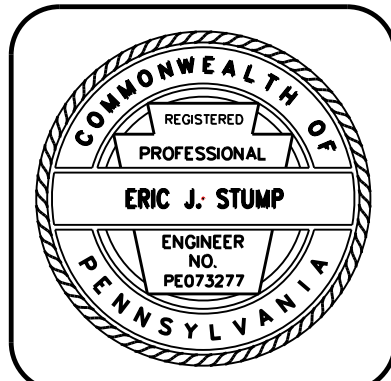
SEE SHEET 42

SEE SHEET 42

SEE BELOW

SEE SHEET 40

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL
2	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

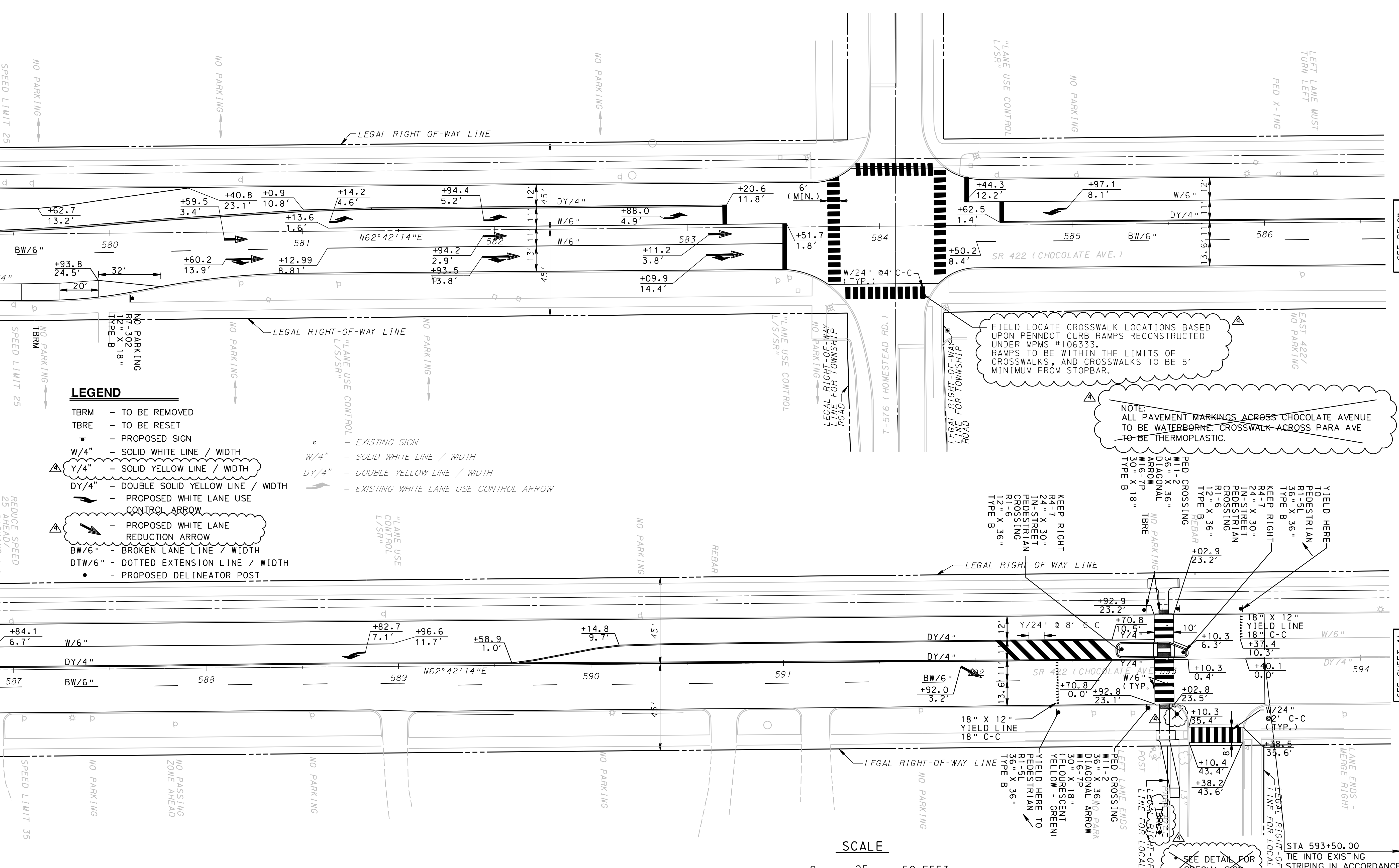
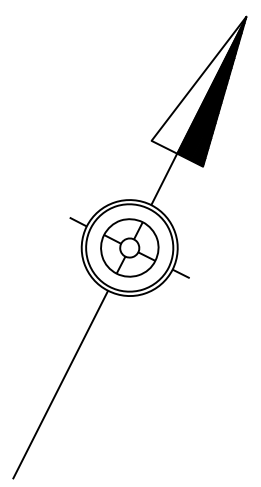
TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

SIGNING AND PAVEMENT MARKING PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	
DESIGN-	
CADD-	
CHECKED-	
SCALE- 1" = 25'	
DATE- FEB 2016	

SHEET NO.	39
DRAWING NO.	39 OF 42
PROJECT	2484.0477



LEGEND

- TBRM - TO BE REMOVED
- TBRE - TO BE RESET
- PROPOSED SIGN
- W/4" - SOLID WHITE LINE / WIDTH
- Y/4" - SOLID YELLOW LINE / WIDTH
- DY/4" - DOUBLE SOLID YELLOW LINE / WIDTH
- PROPOSED WHITE LANE USE CONTROL ARROW
- PROPOSED WHITE LANE REDUCTION ARROW
- BW/6" - BROKEN LANE LINE / WIDTH
- DTW/6" - DOTTED EXTENSION LINE / WIDTH
- - PROPOSED DELINEATOR POST
- d - EXISTING SIGN
- W/4" - SOLID WHITE LINE / WIDTH
- DY/4" - DOUBLE YELLOW LINE / WIDTH
- EXISTING WHITE LANE USE CONTROL ARROW
- "LANE USE CONTROL L/S/SR"
- "LANE USE CONTROL L/S/SR"
- "LANE USE CONTROL L/S/SR"

FIELD LOCATE CROSSWALK LOCATIONS BASED UPON PENNDOT CURB RAMPS RECONSTRUCTED UNDER MPMS #106333. RAMPS TO BE WITHIN THE LIMITS OF CROSSWALKS, AND CROSSWALKS TO BE 5' MINIMUM FROM STOPBAR.

NOTE: ALL PAVEMENT MARKINGS ACROSS CHOCOLATE AVENUE TO BE WATERBORNE. CROSSWALK ACROSS PARA AVE TO BE THERMOPLASTIC.

KEEP RIGHT TO PEDESTRIAN CROSSING

KEEP RIGHT TO PEDESTRIAN CROSSING

KEEP RIGHT TO PEDESTRIAN CROSSING

KEEP RIGHT TO PEDESTRIAN CROSSING

KEEP RIGHT TO PEDESTRIAN CROSSING

KEEP RIGHT TO PEDESTRIAN CROSSING

KEEP RIGHT TO PEDESTRIAN CROSSING

KEEP RIGHT TO PEDESTRIAN CROSSING

KEEP RIGHT TO PEDESTRIAN CROSSING

KEEP RIGHT TO PEDESTRIAN CROSSING



SEE SHEET 39

SEE ABOVE

SEE BELOW

SEE SHEET 41

PAVEMENT MARKINGS FROM STA 577+79 TO 593+50

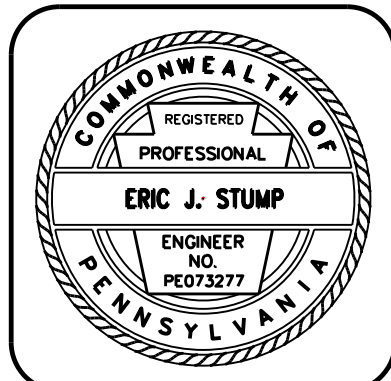
SURVEY BOOK NUMBER 002484.0477

SEE DETAIL FOR SPECIAL SIGN

STA 593+50.00 TIE INTO EXISTING STRIPING IN ACCORDANCE WITH MPMS NO. 106333

FILE NAME: P:\002484_0477\micros\station\hop\SPM_PL05.DGN
 PLOTTED: 8/21/2018 4:46:47 PM
 PEN TABLE: fls\cote_usr.tbl
 PLOT DRIVER: RA\micros\station\hop\SPM_PL05.DGN

NO.	REVISION	DATE	BY
	CHANGE ORDER #2	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hrg-inc.com
 Website: www.hrg-inc.com

Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

SIGNING AND PAVEMENT MARKING PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETScape PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -	
DESIGN -	
CADD -	
CHECKED -	
SCALE -	1" = 25'
DATE -	FEB 2016

SHEET NO.
40

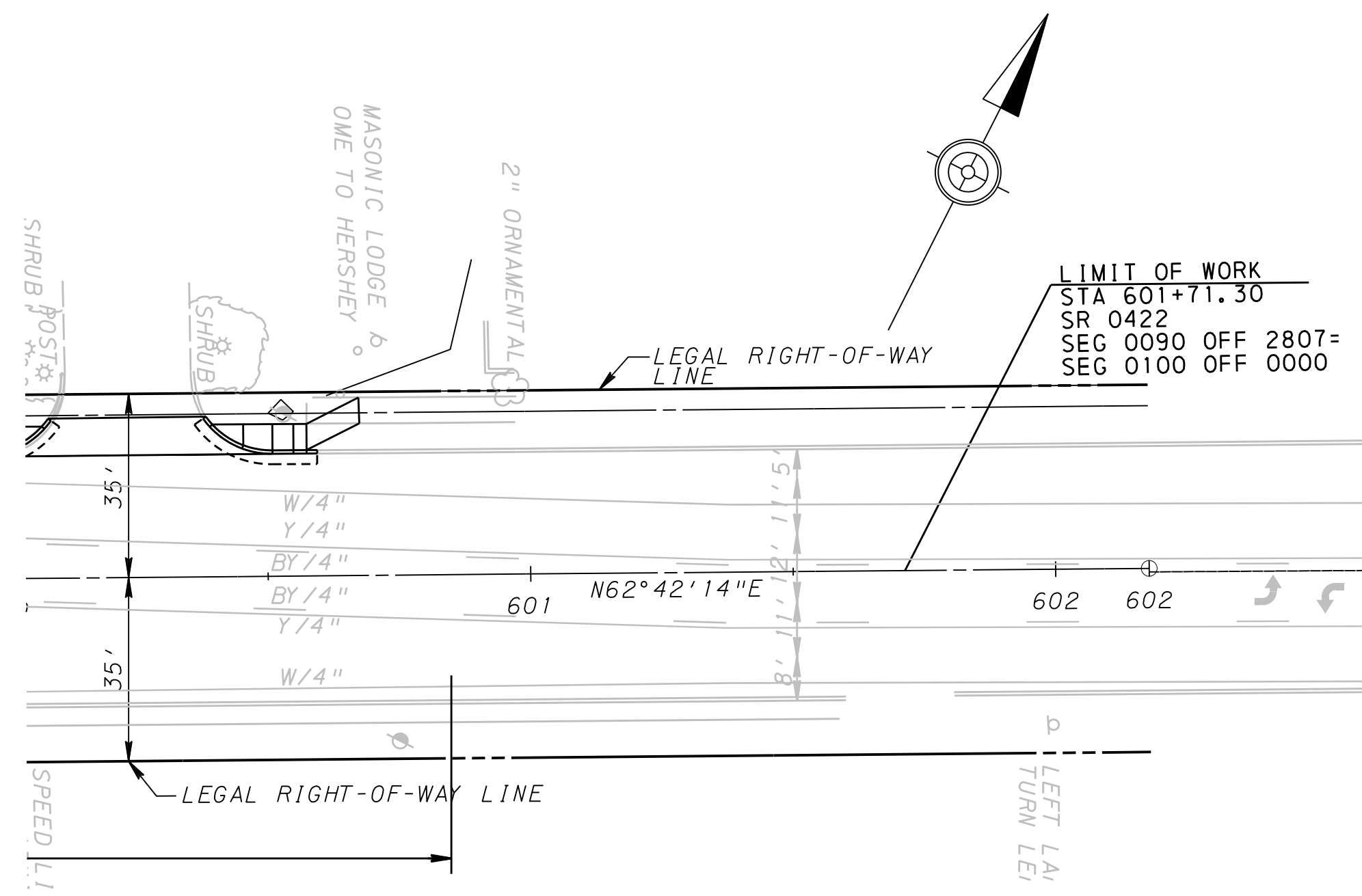
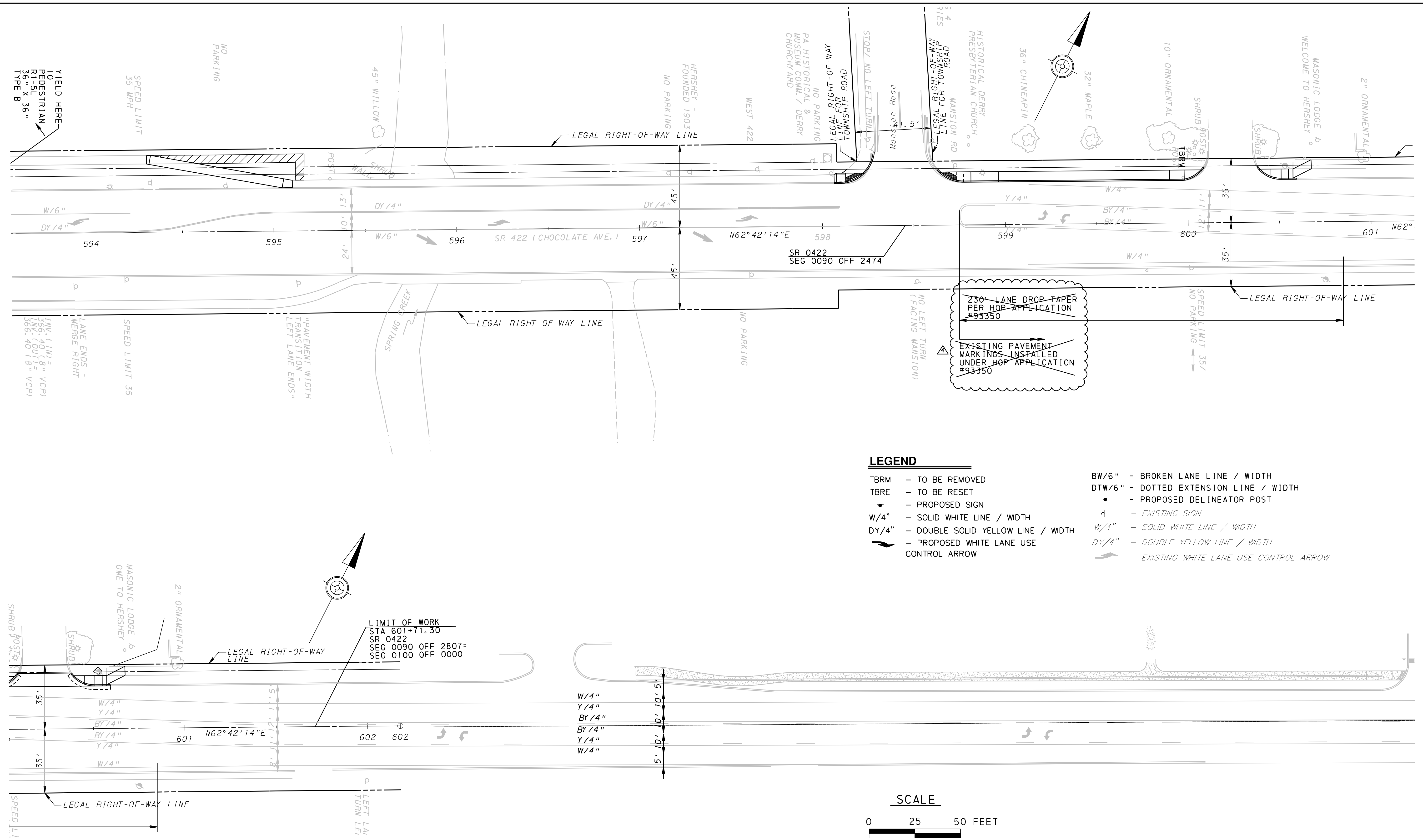
DRAWING NO.
 40 OF 42

PROJECT 2484.0477

FILE NAME: P:\0024\002484_0477\micr\os\to\ton\hop\NT24840477_HOP_SPM_PL06.DGN
 PLOTTED: 8/9/2018 2:47:02 PM dcomer
 PEN TABLE: file_date_user_tb
 PLOT DRIVER: R:\Microstation\standards\plotdrv\XMAPDF.pdf_bw_full.plt.ctb

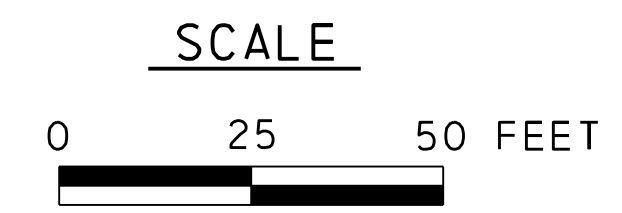
SEE SHEET 40

SEE ABOVE



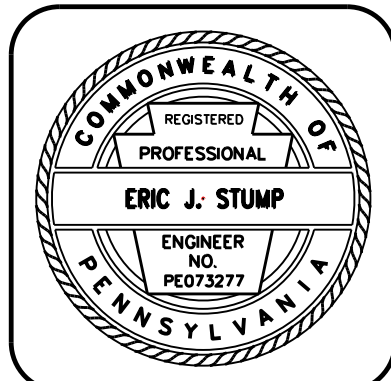
LEGEND

- TBRM - TO BE REMOVED
- TBRE - TO BE RESET
- PROPOSED SIGN
- W/4" - SOLID WHITE LINE / WIDTH
- DY/4" - DOUBLE SOLID YELLOW LINE / WIDTH
- PROPOSED WHITE LANE USE CONTROL ARROW
- TBRM - TO BE REMOVED
- DTW/6" - DOTTED EXTENSION LINE / WIDTH
- PROPOSED DELINEATOR POST
- EXISTING SIGN
- W/4" - SOLID WHITE LINE / WIDTH
- DY/4" - DOUBLE YELLOW LINE / WIDTH
- EXISTING WHITE LANE USE CONTROL ARROW



SURVEY BOOK NUMBER 002484.0477

NO.	REVISION	DATE	BY
1	CHANGE ORDER #2	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

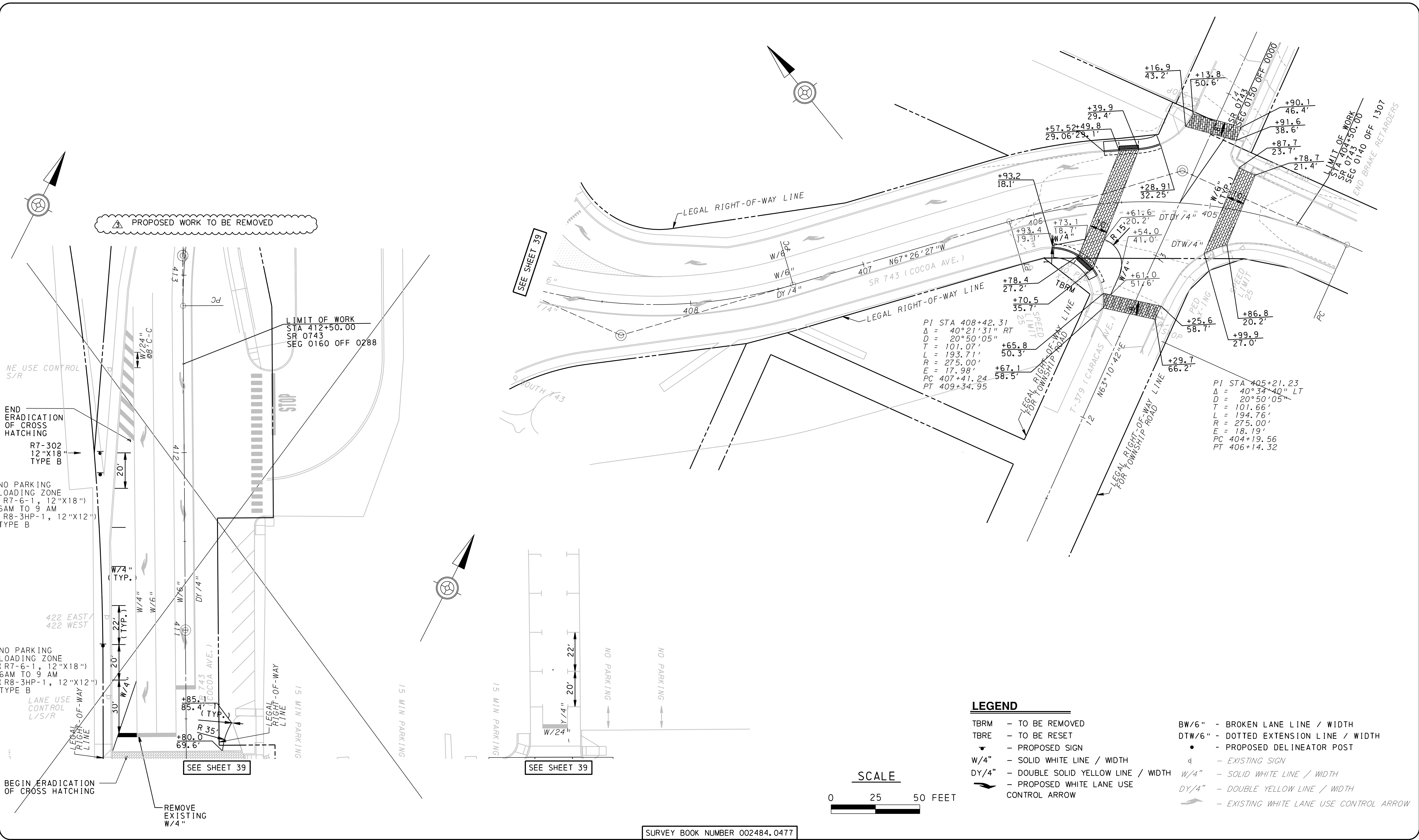
SIGNING AND PAVEMENT MARKING PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

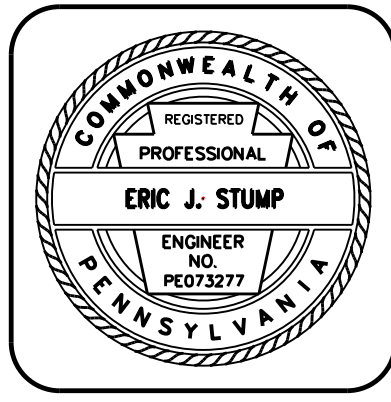
PROJ. MGR. -
DESIGN-
CADD-
CHECKED-
SCALE- 1" = 25'
DATE- FEB 2016

SHEET NO.
41
 DRAWING NO.
 41 OF 42
 PROJECT 2484.0477

FILE NAME: P:\0024\002484_0477\micr\st01\ton\hop\nt24840477_hop_spm_plot.dgn
 PLOTTED: 8/7/2018 3:24:20 PM dcomer
 PEN TABLE: files\cote_usr.tbl
 PLOT DRIVER: RA_Microstation
 ton\hop\nt24840477_hop_spm_plot.dgn



NO.	REVISION	DATE	BY
1	CHANGE ORDER #1	07/2018	JBL



HRG
 Herbert, Rowland & Grubic, Inc.
 Engineering & Related Services
 Harrisburg ■ Hermitage ■ Lancaster ■ Lewisburg ■ Morgantown
 State College ■ Pittsburgh

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 Email: hrg@hr-g-inc.com
 Website: www.hrg-inc.com

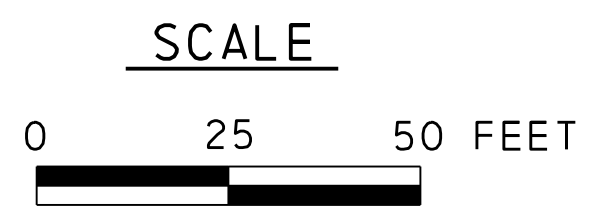
TOWNSHIP OF DERRY
 600 CLEARWATER ROAD
 HERSHEY, PA 17033
 (717) 533-2057

SIGNING AND PAVEMENT MARKING PLAN
 FOR
 HIGHWAY OCCUPANCY
 PERMIT PLAN
 SR 422 STREETSCAPE PROJECT

DERRY TOWNSHIP DAUPHIN COUNTY PENNSYLVANIA

PROJ. MGR. -
DESIGN-
CADD-
CHECKED-
SCALE- 1" = 25'
DATE- FEB 2016

SHEET NO.
42
DRAWING NO.
42 OF 42
PROJECT 2484.0477



SURVEY BOOK NUMBER 002484.0477