

GENERAL NOTES:

THIS WORK CONSISTS OF MAINTENANCE AND THE PROTECTION OF THE TRAVELING PUBLIC APPROACHING THE CONSTRUCTION AREA AND WITHIN THE LIMITS OF THE CONSTRUCTION. AND ON APPROVED DETOURS.

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

1. THE SPECIAL PROVISIONS OF THE CONTRACT.
2. PA PUBLICATION NO. 212, OFFICIAL TRAFFIC CONTROL DEVICES.
3. PDT PUBLICATION NO. 213, TEMPORARY TRAFFIC CONTROL GUIDELINES.
4. PDT PUBLICATION NO. 35, APPROVED CONSTRUCTION MATERIALS (BULLETIN 15).
5. PDT PUBLICATION NO. 408/2016, SPECIFICATIONS.
6. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
7. PDT PUBLICATION NO. 236, HANDBOOK OF APPROVED SIGNS, AND MOST CURRENT.
8. PDT PUBLICATION NO. 111M, SIGNING STANDARD, AND MOST CURRENT.
9. PAVEMENT MARKINGS TC 8600 AND MOST CURRENT

THESE PLANS HAVE BEEN REVIEWED AND ARE IN COMPLIANCE WITH STANDARDS PRESCRIBED IN CHAPTER 212 OF THE 67 PA. CODE AS CURRENTLY AMENDED.

NOTE THAT THIS APPROVAL DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE PROTECTION OF THE PUBLIC AND THE CONSTRUCTION PERSONNEL. THE STANDARDS PRESCRIBED ARE MINIMUM AND ADDITIONAL PROTECTION MAY BE NECESSARY IF PROBLEMS ARE ENCOUNTERED DURING THE TERM OF THE CONTRACT. CONSTANTLY REVIEW THIS PLAN FOR ADEQUACY AND RECOMMEND CHANGES FOR DEPARTMENT APPROVAL WHEN INADEQUACIES ARE DISCOVERED.

BEFORE BEGINNING ANY CONSTRUCTION OPERATIONS PLACE LONG TERM SIGNING AS INDICATED IN THE PLANS.

ALL INTERSECTING ROADWAYS SHALL BE SIGNED WITH THE APPROPRIATE SIGNS.

ALL SIGNS SHOWN ARE THE MINIMUM REQUIRED. ADDITIONAL SIGNS PROVIDED UPON THE REQUEST OF THE INSPECTOR IN CHARGE.

HAVE ALL TRAFFIC CONTROL DEVICES IN PLACE AND INSPECTED BY THE DISTRICT CONSTRUCTION ENGINEER OR HIS REPRESENTATIVE BEFORE WORK BEGINS.

IMMEDIATELY UPON COMPLETION OF WORK, REMOVE SIGNS AND DEVICES. FOR TYPE "B" AND TYPE "C" MOUNTED SIGNS REMOVE POSTS COMPLETELY. THE DEPARTMENT WILL REMOVE ANY TRAFFIC CONTROL DEVICES ERECTED BY DEPARTMENT FORCES.

COVER COMPLETELY OR REMOVE FROM SIGHT ALL SIGNS NOT IN USE.

ALL SIGNS AND DEVICES SHALL BE NEW AT THE BEGINNING OF THE PROJECT AND MAINTAINED IN NEW CONDITION AND TO PENNDOT'S SATISFACTION THROUGHOUT THE DURATION OF THE PROJECT.

SIGN LOCATIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

MAINTAIN ACCESS TO ALL SIDE ROADS, PRIVATE DRIVEWAYS, AND BUSINESSES AT ALL TIMES.

** AT THE END OF THE DAYS CONSTRUCTION A SAFETY SLOPE EMBANKMENT IS REQUIRED FOR ANY DROP-OFF EXCAVATION, WITHIN A TRAFFIC LANE OR SHOULDER, GREATER THAN TWO INCHES IN DEPTH. IMPLEMENT ADDITIONAL DEVICES AS REQUIRED IN ENCLOSED DISTRICT DROP-OFF POLICY.

** PROTECT ANY EXCAVATION, WHICH IS NOT PROTECTED BY GUIDERAIL AND WHICH MAY CONSTITUTE A POTENTIAL HAZARD TO TRAFFIC WITH SAFETY SLOPE EMBANKMENT.

NO LONGITUDINAL GRADE DEVIATIONS MORE THAN 2" ARE PERMITTED IN TRAVEL LANES AT ANY TIME. PLACE BITUMINOUS MATERIAL AROUND ALL MANHOLES, VALVE BOXES, INLETS, ETC. TO PROVIDE A SMOOTH TRANSITION.

SATISFACTORILY MAINTAIN THE CONSTANT SURVEILLANCE OF TRAFFIC CONTROL OPERATIONS AND SATISFACTORILY REPLACE OR CORRECT ANY MISSING, DAMAGED, INEFFECTIVE, OR MISALIGNED EQUIPMENT.

ALL HIGHWAY WORKERS SHALL WEAR YELLOW/GREEN (ANSI II) APPAREL. ALL FLAGGERS SHALL WEAR YELLOW/GREEN (ANSI II) VESTS AND LEGGINGS.

AT ALL LOCATIONS WITHIN THE PROJECT LIMITS OF WHERE EXISTING OFFICIAL TRAFFIC SIGNS AND DEVICES ARE REMOVED OR RELOCATED, SURVEY AND RECORD ALL OFFICIAL SIGNS AND DEVICES (DELINEATORS, STATION MARKERS, ETC.) BY STANDARD NUMBER, DESCRIPTION, SIZE AND STATION (LEFT SIDE/RIGHT SIDE) BEFORE OPERATIONS BEGIN. PROVIDE THE RECORD OF OFFICIAL SIGNS AND DEVICES TO PENNDOT BEFORE OPERATIONS BEGIN.

OPERATIONS OF WORK NOT SHOWN SHALL BE IN ACCORDANCE WITH THE APPROPRIATE FIGURES OF PUBLICATION NO. 213.

ALL SHORT TERM SIGN SUPPORTS TO BE OF A WIND RESISTANT DESIGN.

ALL SIGNS AND DEVICES ON THIS PROJECT MUST COMPLY WITH CURRENT N.C.H.R.P. CRITERIA.

ALL SIGNS MUST BE REFLECTORIZED.

USE CLASS III OR HIGHER GRADE SHEETING FOR ALL SIGNS.

CONTRACTOR TO MAINTAIN ADEQUATE SIGHT DISTANCE FOR ALL MOTORISTS. FLAGGING, IN ACCORDANCE WITH CHAPTER 213, MUST BE PROVIDED AT ALL TIMES IF SIGHT DISTANCE BECOMES DEFICIENT DUE TO WORK IN PROGRESS.

THE CONTRACTOR SHALL HAVE A SUFFICIENT AMOUNT OF THE FOLLOWING SIGNS AVAILABLE IN CASE THEIR USE BECOMES NECESSARY: W3-4 "BE PREPARED TO STOP" AND W20-7 "FLAGGER SYMBOL". THESE SIGNS ARE NOT INTENDED TO BE PART OF THE REQUIRED NORMAL TRAFFIC CONTROL OR A SUPPLEMENT THERETO.

CAREFULLY REMOVE AND SET ASIDE ALL EXISTING OFFICIAL TRAFFIC SIGNS AND DEVICES AS NEEDED TO PERFORM REQUIRED OPERATIONS. DO NOT SCRATCH OR DAMAGE REFLECTIVE SHEETING FACE. UPON COMPLETION OF THE PROJECT RESET SIGNS THAT ARE APPROPRIATE. SIGNS THAT ARE NO LONGER NEEDED SHOULD BE RETURNED TO THE DEPARTMENT.

REPLACE ALL SIGNS OR POSTS DAMAGED DURING REMOVAL OR REPLACEMENT IN KIND AT NO EXPENSE TO THE DEPARTMENT AND OWNER.

DESIGNATE AN INDIVIDUAL AS TRAFFIC CONTROL COORDINATOR. ASSURE THAT THIS INDIVIDUAL IS RESPONSIBLE FOR THE PROJECT MAINTENANCE AND PROTECTION OF TRAFFIC. FURNISH TO PENNDOT AND THE MUNICIPAL TOWNSHIP POLICE DEPARTMENTS THE NAME AND ADDRESS OF THE TRAFFIC CONTROL COORDINATOR AND A TELEPHONE NUMBER WHERE THIS PERSON CAN BE REACHED AT ALL TIMES.

PROVIDE AT LEAST TWO WEEKS NOTICE OF DETOUR TO THE FOLLOWING:

- DISTRICT COMMUNITY RELATIONS COORDINATOR
- DISTRICT HAULING PERMIT OFFICE
- INSPECTOR IN CHARGE
- LOCAL MUNICIPALITIES
- LOCAL SCHOOL DISTRICTS
- LOCAL EMERGENCY SERVICES

THE CONTRACTOR HAS THE OPTION TO SUBMIT ALTERNATE TRAFFIC CONTROL PLANS FOR CONSIDERATION. THESE PLANS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF PENNSYLVANIA AND SHALL BE CONSISTENT WITH STANDARD DESIGN PRACTICES. THE DEPARTMENT WILL ALLOW NO CONSTRUCTION ACTIVITY UNTIL THE CONTRACTOR'S ALTERNATE PLANS ARE APPROVED IN WRITING BY THE DISTRICT TRAFFIC ENGINEER. MODIFICATIONS TO THE APPROVED MPT PLAN THAT MAY BECOME NECESSARY SHALL ALSO BE APPROVED BY THE DISTRICT.

SUBMIT A SCHEDULE AND LAYOUT TO PENNDOT SHOWING ANTICIPATED CLOSINGS, ACCESS POINTS, LOCATIONS OF ALL DEVICES FOR TRAFFIC CONTROL, AND ANTICIPATED DATES OF WORK PRIOR TO COMMENCING ANY WORK REQUIRING THE CLOSURE OF ROADWAY LANES.

PROVIDE, AT THE PRECONSTRUCTION MEETING, A WRITTEN NOTIFICATION OF PROPOSED ROADWAY/BRIDGE CLOSURES OR CONSTRUCTION ACTIVITIES THAT WILL CREATE A RESTRICTION TO THE ROADWAY/BRIDGE (HEIGHT, WIDTH, WEIGHT OR LENGTH). INCLUDE A WRITTEN SCHEDULE INDICATING THE PROPOSED TIMES AND DETAILS OF THE RESTRICTIONS OR CLOSURES FOR THE VARIOUS PHASES OF CONSTRUCTION. ALL RESTRICTIONS ARE SUBJECT TO DEPARTMENT APPROVAL.

NOTIFY THE DISTRICT CONSTRUCTION UNIT, IN WRITING, AT LEAST 14 DAYS (EXCLUDING WEEKENDS AND HOLIDAYS) BEFORE IMPLEMENTING, CHANGING OR EXTENDING ANY RESTRICTION OR CLOSURES. NOTIFY THE DISTRICT CONSTRUCTION UNIT, IN WRITING, AT LEAST 7 DAYS (EXCLUDING WEEKENDS AND HOLIDAYS) BEFORE REMOVING ANY RESTRICTION OR CLOSURE.

MAINTAIN TRAVEL LANE IN GOOD CONDITION WHEN IN USE, TO THE SATISFACTION OF THE INSPECTOR-IN-CHARGE.

REINSTALL OR REPLACE SIGNS REMOVED OR DAMAGED DURING CONSTRUCTION OPERATIONS IMMEDIATELY AS INDICATED OR DIRECTED.

REPORT ALL TRAFFIC INCIDENTS TO THE DISTRICT TRAFFIC ENGINEER BY COPY OF THE TRAFFIC ACCIDENT REPORT FROM THE PA STATE POLICE AND LOCAL POLICE.

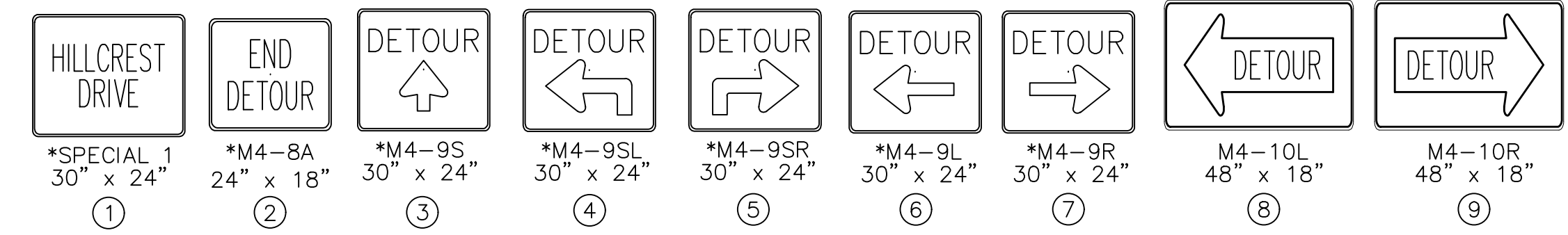
THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE PA ONE-CALL SYSTEM, INC. AT 1-800-242-1776 AT LEAST THREE (3) WORKING DAYS PRIOR TO DIGGING. PA ONE-CALL SHOULD BE CONTACTED BEFORE ANY SIGN POST ANCHOR IS DRIVEN INTO THE GROUND FOR ANY TEMPORARY AND/OR PERMANENT SIGNING.

THE TRAFFIC CONTROL PLAN DOES NOT RELIEVE THE CONTRACTOR OF ITS RESPONSIBILITY AS SPECIFIED IN SECTION 901.3(a) OF PENNDOT PUBLICATION 408.

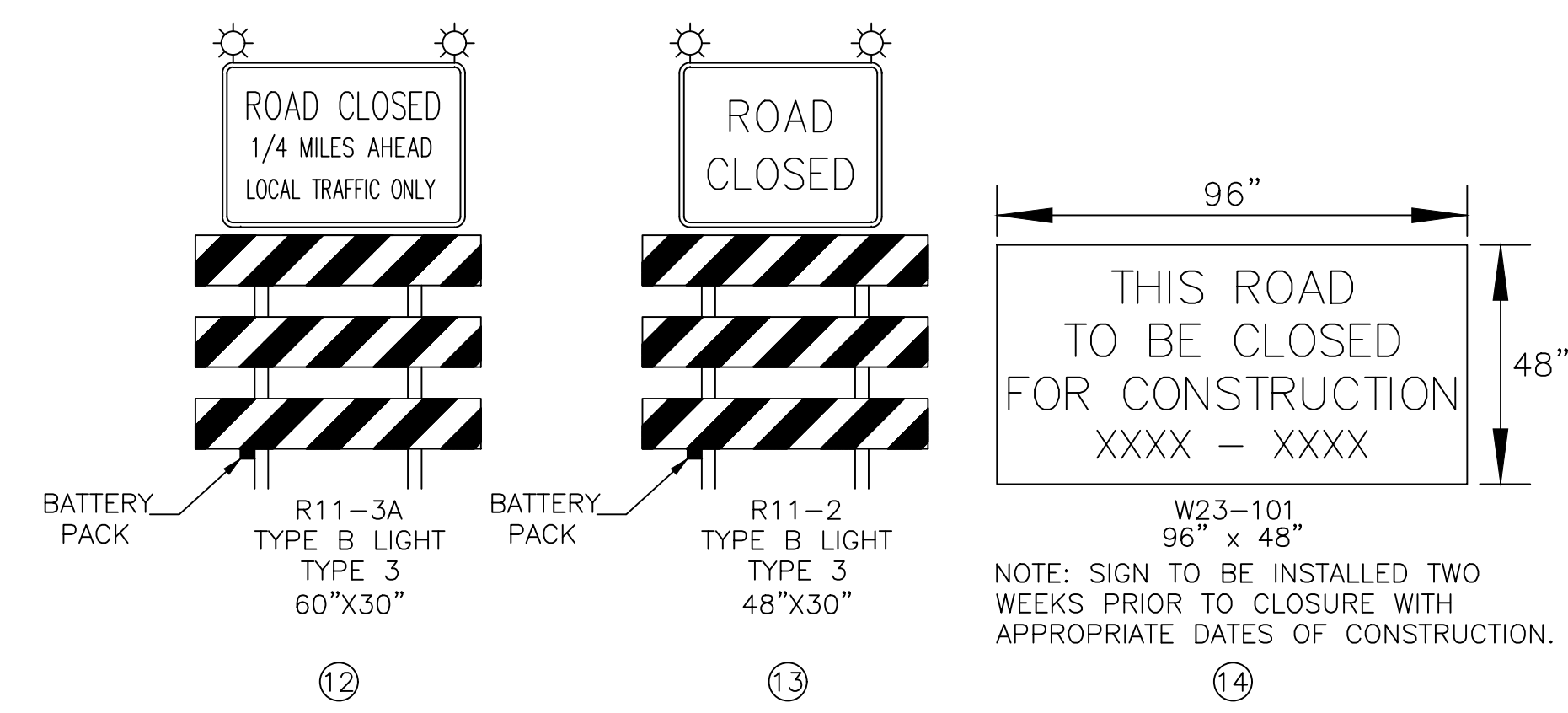
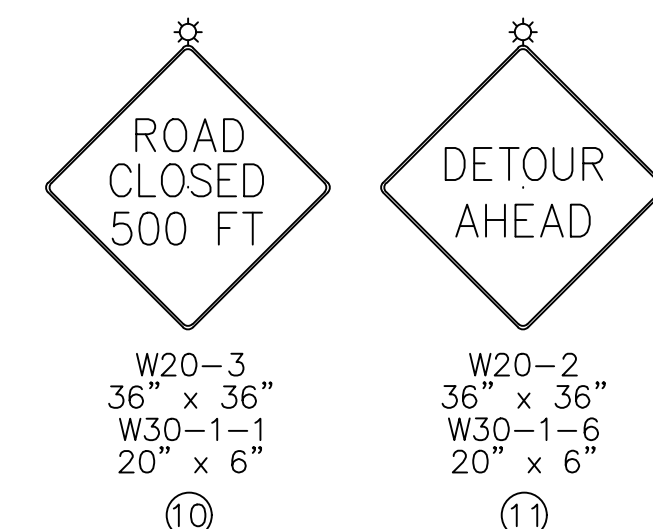
ALL R AND W SERIES SIGNS WILL BE COVERED DURING NON-WORKING HOURS.

TRAFFIC CONTROL DEVICES, SEPARATE PAY ITEMS

ITEM NUMBER	UNITS	LEGEND OF DESCRIPTION	QUANTITY
0901-0231	DAYS	ADDITIONAL WARNING LIGHTS, TYPE B	90
0901-0240	SF	ADDITIONAL TRAFFIC CONTROL SIGNS	100



NOTE: ORANGE COLOR



* DESIGNATES POST MOUNTED SIGN

SIGNS

SERIES DESIGNATION	SIZE (INCHES)	LEGEND OF DESCRIPTION	QUANTITY
*SPECIAL 1	30x24	HILLCREST DRIVE	34
M4-8A	24x18	END DETOUR	2
M4-9S	30x24	DETOUR STRAIGHT	1
M4-9SL	30x24	ADVANCE LEFT DETOUR	7
M4-9SR	30x24	ADVANCE RIGHT DETOUR	5
M4-9L	30x24	LEFT DETOUR	7
M4-9R	30x24	RIGHT DETOUR	5
M4-10L	48x18	DETOUR ARROW LEFT	2
M4-10R	48x18	DETOUR ARROW RIGHT	2
W20-2	36x36	DETOUR	8
W20-3	36x36	ROAD CLOSED	1
W23-101	96x48	THIS ROAD TO BE CLOSED FOR CONSTRUCTION	2
W30-1-1	20x6	500 FT	1
W30-1-6	20x6	AHEAD	8
R11-2	48x30	ROAD CLOSED	4
R11-3A	60x30	ROAD CLOSED 1/4 MILES AHEAD LOCAL TRAFFIC ONLY	2

REVISION RECORD

No.	Date
01	
02	
03	
04	
05	
06	
07	
08	

HILLCREST DRIVE BRIDGE REPLACEMENT
HILLCREST DRIVE
ROSS TOWNSHIP, ALLEGHENY COUNTY


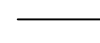



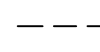
PREPARED FOR:
ROSS TOWNSHIP
1000 ROSS MUNICIPAL DRIVE
PITTSBURGH, PA 15237

DETOUR PLAN

Project Number: C-34519-0001
Drawing Scale: N.T.S.
Date Issued: APRIL 2018
Index Number: ---
Drawn By: KLB
Checked By: ---
Project Manager: KMN

Plan & File Name: G:\Projects\04000 Ross\34519 - Bridges Inspections\001 Hillcrest Bridge Repairs\Drawings\Sheet\01-Detour Plan.dwg
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LEGEND

-  WORK AREA
-  ROADS AND STREETS
-  DETOUR ROUTE SIGNING
-  TYPE III BARRICADE
-  DETOUR ROUTES
-  MUNICIPAL BORDER



DETOUR PLAN
 HILLCREST DRIVE
 N.T.S.



***NOTES:**

1. SIGNS "14" TO BE INSTALLED AT BOTH ENDS OF THE PROJECT TWO WEEKS PRIOR TO CLOSURE AND REMOVED UPON CLOSURE OF HILLCREST DRIVE.
2. DISTANCE ON SIGNS "12" = ¼ MILES.

REVISION RECORD

No.	Date
01	-
02	-
03	-
04	-
05	-
06	-
07	-
08	-

HILLCREST DRIVE BRIDGE REPLACEMENT

HILLCREST DRIVE
 ROSS TOWNSHIP, ALLEGHENY COUNTY
 PREPARED FOR:
ROSS TOWNSHIP
 1000 ROSS MUNICIPAL DRIVE
 PITTSBURGH, PA 15237

DETOUR PLAN

Project Number: C-34519-0001
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DET-2